ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 EM · INFO@TMP-ARCHITECTURE.COM

Dexter High School Additions

Dexter Community Schools

Dexter, Michigan 48130

Project Number 25026D

Construction Documents - Volume 01

CONSULTANTS:

MECHANICAL ENGINEER
PETER BASSO ASSOCIATES INC.
5145 LIVERNOIS ROAD, SUITE 100
TROY, MICHIGAN 48098-5276
PHONE: (248) 879-5666 FAX: (248) 879-0007

ELECTRICAL ENGINEER
PETER BASSO ASSOCIATES INC.
5145 LIVERNOIS ROAD, SUITE 100
TROY, MICHIGAN 48098-5276
PHONE: (248) 879-5666 FAX: (248) 879-0007

STRUCTURAL ENGINEER
WILLIAM A KIBBE & ASSOCIATES, INC.
1475 S WASHINGTON AVE
SAGINAW, MI 48601
PHONE: (989) 752-5000 FAX: (989) 752-5002

CIVIL ENGINEER
BECKETT & RAEDER, INC.
535 W. WILLIAM ST. SUITE 101
ANN ARBOR, MI 48103
PHONE: (734) 663-2622 FAX: (734) 663-6759

TECHNOLOGY CONSULTANT
COMMTECH DESIGN
6581 BELDING RD NE, STE. #101
ROCKFORD, MI 49341
PHONE: (616) 863-8132

ACOUSTIC CONSULTANT
BAi, LLC
4006 SPEEDWAY
AUSTIN, TX 78751
PHONE: (512) 476-3464

LICENSEE'S STATEMENT:

This Document has been prepared under the supervision of the Architect, as the person in Responsible Charge with the firm of TMP ARCHITECTURE, INC. An original embossed or rubber stamp seal and original signature of the Architect is required and shall be affixed to any copy of this Document submitted to a governmental agency for approval or record. This is in conformance with the State of Michigan's PA 299, Article 20 and the General Rules of the Board of Architects.

The Architect's seal provided hereon does not take responsibility for certain portions of the Documentation or project requiring the services of a licensed Professional Engineer or other design professional. An original embossed or rubber stamp seal and original signature of the Professional Engineer is required and shall be affixed to any copy of this or other Document submitted to a governmental agency for approval or record. The engineering firms associated with this document are listed above as Consultants.

LIST OF DRAWINGS

GENERAL INFORMATION
TS.1 Cover Sheet
TG.1 General Information
LS.1A Partial First Level Life Safety Plan-Bleachers Retracted
LS.1A-1 Partial First Level Life Safety Plan- Bleachers Extended
LS.1B Partial First Level Life Safety Plan
LS.2 Second Level Life Safety Plan-Bleachers Retracted
LS.2A-1 Second Level Life Safety Plan- Bleachers Extended

CIVIL
C101.00 Existing Conditions - Overall
C101.01 Existing Conditions - Enlargement
C101.02 Existing Conditions - Enlargement
C101.03 Existing Conditions - Enlargement
C101.04 Existing Conditions - Enlargement
C101.05 Existing Conditions
C102.00 Soil Erosion and Sedimentation Control - Overall
C102.01 Soil Erosion and Sedimentation Control - Enlargement
C102.02 Soil Erosion and Sedimentation Control - Enlargement
C102.03 Soil Erosion and Sedimentation Control - Enlargement
C102.04 Soil Erosion and Sedimentation Control - Enlargement
C102.05 Soil Erosion and Sedimentation Control - Detail
C103.00 Demolition Plan - Overall
C103.01 Demolition Plan - Enlargement
C103.02 Demolition Plan - Enlargement
C103.03 Demolition Plan - Enlargement
C103.04 Demolition Plan - Enlargement
C104.00 Layout & Materials Plan - Overall
C104.01 Layout & Materials Plan - Enlargement
C104.02 Layout & Materials Plan - Enlargement
C104.03 Layout & Materials Plan - Enlargement
C104.04 Layout & Materials Plan - Enlargement
C104.05 Layout & Materials Plan - Enlargement

CIVIL
C105.00 Grading Plan - Overall
C105.01 Grading Plan - Enlargement
C105.02 Grading Plan - Enlargement
C105.03 Grading Plan - Enlargement
C105.04 Grading Plan - Enlargement
C105.05 Grading Plan - Enlargement
C106.00 Utility Plan - Overall
C106.01 Utility Plan - Enlargement
C106.02 Utility Plan - Enlargement
C106.03 Utility Profiles
C106.04 Utility Profiles
C107.00 Site Details
C107.01 Storm Standard Details
C107.02 Sanitary Standard Details
C201.00 Existing Conditions - CTE Addition
C202.00 Soil Erosion and Sedimentation Control - CTE Adition
C203.00 Demolition Plan - CTE Addition
C204.00 Layout & Materials Plan - CTE Addition
C205.00 Grading Plan - CTE Addition
C205.01 Grading Plan - CTE Adition
C206.00 Utilities Plan - CTE Addition
C206.01 Sanitary Profile - CTE Addition
C206.02 Storm Profile - CTE Addition

LANDSCAPING
L101.00 Landscape Plan - Overall
L101.01 Landscape Plan - Enlargement
L101.02 Landscape Plan - Enlargement
L101.03 Landscape Plan - Enlargement
L101.04 Landscape Plan - Enlargement
L101.05 Landscape Plan - Details
L201.00 Landscape Plan - CTE Addition

STRUCTURAL
S0.0 Structural General Notes
S0.1 Special Inspection Schedules
S1.0A Foundation Plan
S1.0C Foundation Plan
S1.0F Foundation Plan
S1.3A Roof Framing Plan
S1.3C Roof Framing Plan
S1.3F Roof Framing Plan
S3.1 Elevations
S4.1 Concrete Details
S4.2 Concrete Details
S4.3 Concrete Details
S4.4 Concrete Details
S5.1 Masonry Details
S5.2 Masonry Details
S6.1 Steel Details
S6.2 Steel Details
S6.3 Steel Details
S6.4 Steel Details
S6.5 Steel Details
S6.6 Steel Details

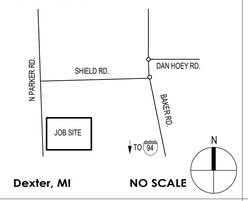
ARCHITECTURAL
AC.1 First Level Composite Plan
AC.2 Second Level Composite Plan
AD.1 Door & Frame Schedule
AD.2 Head, Jamb, and Sill Details
A0.1C First Level Demolition Plan - Zone 'C'
A0.1F First Level Demolition Plan - Zone 'F'
A0.2C Second Level Demolition Plan - Zone 'C'
A1.1C First Level Floor Plan - Zone 'C'
A1.1F First Level Floor Plan - Zone 'F'
A1.2A Second Level Floor Plan - Zone 'A'
A1.2C Second Level Floor Plan - Zone 'C'
A1.3A Roof Plan - Zone 'A'
A1.3F Roof Plan - Zone 'F'
A1.4 Roof Details
A2.1C First Level Reflected Ceiling Plan - Zone 'C'
A2.1F First Level Reflected Ceiling Plan - Zone 'F'
A2.2A Second Level Reflected Ceiling Plan - Zone 'A'
A3.1 Exterior Elevations
A3.2 Exterior Elevations
A3.3 Building Sections
A4.1 Wall Sections
A4.2 Wall Sections
A4.3 Wall Sections
A4.4 Wall Sections
A4.5 Wall Sections
A4.6 Wall Sections

ARCHITECTURAL
A5.1 Plan Details
A6.1 Enlarged Floor Plans
A6.2 Stair Plans, Sections, and Details
A6.3 Exterior Ramp & Stair Plans, Sections, & Details
A6.4 Stair Details
A6.5 Stair Railing Details
A6.6 Ramp Plans, Sections, and Details
A7.1 Interior Elevations
A8.1 Millwork Details
A9.1F First Level Casework & Equipment Plan - Zone 'F'
A9.2A Second Level Casework Plan - Zone 'A'
A10.1C First Level Finish Plan - Zone 'C'
A10.1F First Level Finish Plan - Zone 'F'
A10.2A Second Level Finish Plan - Zone 'A'
A10.2C Second Level Finish Plan - Zone 'C'

REGISTRATION SEALS

PROJECT DATA:

LOCATION MAP:



Dexter, MI **NO SCALE**

ADDRESS: Dexter Community Schools
2200 N Parker Rd.
Dexter, Michigan 48130

Building:

BUILDING AREA(S) = 14,723 SF (ADDITION)
312,080 SF (EXISTING)
326,803 SF (TOTAL)

5,390 SF (EXISTING ALTERED)

CODE:

GOVERNING CODES:

- **2016 SCHOOL FIRE SAFETY RULES**
  (2012 Life Safety Code, plus amendments)
- **2021 MICHIGAN BUILDING CODE**
- **2021 REHABILITATION CODE FOR EXISTING BUILDINGS**
- **2021 MICHIGAN PLUMBING CODE**
- **2021 MICHIGAN MECHANICAL CODE**
- **2021 MICHIGAN COMMERCIAL ENERGY CODE**
  (ANSI/ASHRAE/IES Standard 90.1-2019)
- **2023 MICHIGAN ELECTRICAL CODE**
  (2023 NEC; plus Part 8 Rules)
- **2010 MICHIGAN ELEVATOR RULES**
  (ASME A17.1-2016, ASME A18.1-2017)
- **MICHIGAN BARRIER FREE CODE**
  (Michigan Building Code 2021 and ICC A117.1-2017)
- **2013 MICHIGAN BOILER CODE RULES**
  (ASME Boiler and Pressure Vessel Code, 2019 edition)
  (National Board Inspection Code [NBIC], 2019 edition)

USE GROUP CLASSIFICATION: "E" EDUCATION

CONSTRUCTION CLASSIFICATION: TYPE II (000) LSC TYPE II-B (MBC)

ISSUE DATES

10-17-2025	SCHEMATIC DESIGN
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE: **ISSUED FOR:** D.R. = DESIGN RELEASE

COPYRIGHT

© The "architectural work" displayed on these documents is owned exclusively by TMP Architecture, Inc. and may not be used for any purpose without their involvement or express written consent.

PROJECT TITLE
Dexter High School Additions
PROJECT NO.
25026D

DRAWING NO.
TS.1

ABBREVIATIONS

A

ABV	ABOVE
AFF	ABOVE FINISH FLOOR
ARF	ABOVE REFERENCE FLOOR
ABR	ABRASIVE
ABS	ABSORBING
ACC	ACCESS
ACC PNL	ACCESS PANEL
AC	ACOUSTIC/ACOUSTICAL
ACT	ACOUSTIC TILE
AC INSUL	ACOUSTIC INSULATION
ADD	ADDENDUM
ADDN	ADDITION
ADDNL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
AGGR	AGGREGATE
ACB	AIR CIRCUIT BREAKER
A/C	AIR CONDITIONING
ACC	AIR CONDITIONING COMPRESSOR
ACU	AIR CONDITIONING UNIT
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM/AL	ALUMINUM
AMT	AMOUNT
AMP	AMPHERE
AMPL	AMPLIFIER
ANCH	ANCHOR
AB	ANCHOR BOLT
&	AND
ANG/L	ANGLE
ANOD	ANODIZED
APT	APARTMENT
APPR	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECT/ARCHITECTURAL
A-	ARCHITECTURAL DRAWING-NO
ATM	AUTOMATIC TELLER MACHINE
ASPH	ASPHALT
ASSY	ASSEMBLY
@	AT
AUTO	AUTOMATIC
ASR	AUTOMATIC SPRINKLER RISER
AUX	AUXILIARY
AVG	AVERAGE

B

B/B	BACK-TO-BACK
BFP	BACK FLOW PREVENTER
BDD	BACK DRAFT DAMPER
BF	BARRIER FREE
BBR	BASE BOARD RADIATION
BPL	BASE PLATE
BSMT	BASEMENT
B	BATH ROOM
BM	BEAM
B/C	BACK OF CURB
BRG	BEARING
BR	BEDROOM
BM	BENCH MARK
BT	BENT
BETW	BETWEEN
BEV	BEVEL
BIT	BITUMINOUS
BI	BLACK-IRON
BLK	BLOCK
BLKG	BLOCKING
BD	BOARD
BLR	BOILER
BLR F	BOILER FEED
BLR H	BOILER HOUSE
BK SH	BOOK SHELVES
BS	BOTH SIDES
BW	BOTH WAYS
BOT	BOTTOM
BOT EL	BOTTOM ELEVATION
BLVD	BOULEVARD
BDRY	BOUNDARY
BRKT	BRACKET
BR	BRASS
BRKR	BREAKER
BRK	BRICK
BTU	BRITISH THERMAL UNIT
BRZ	BRONZE
BLDG	BUILDING
BL	BUILDING LINE
BUR	BUILT-UP ROOFING
BN	BULLNOSE
BLKD	BULKHEAD
BULL	BULLETIN
BA	BURGLAR ALARM
BUZZ	BUZZER

C

CAB	CABINET
CUH	CABINET UNIT HEATER
CAP	CAPACITY
CPT	CARPET
CRS	CARPET REDUCER STRIP
CSMT	CASEMENT
CSWRK	CASEWORK
CSG	CASING
CI	CAST IRON
CIF	CAST IRON FRAME
CIP	CAST IRON PIPE/CAST IN PLACE
CSTG	CASTING
CAT NO	CATALOG NUMBER
CB	CATCH BASIN
CLG	CEILING
CD	CEILING DIFFUSER
CLG HT	CEILING HEIGHT
CEM	CEMENT
CEM PLAS	CEMENT PLASTER
CTR	CENTER
C/C	CENTER-TO-CENTER
CER	CERAMIC
CT	CERAMIC TILE
CBD	CHALKBOARD
CHAM	CHAMFER
CHG	CHANGE
CHAN	CHANNEL
CHKD PL	CHECKERED PLATE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CHD	CHORD
CIRCUM	CIRCUMFERENCE
CIR	CIRCLE/CIRCULAR
CIRC	CIRCUIT
CBR	CIRCUIT BREAKER
C-	CIVIL DRAWING-NO
CL	CLASS
CLRM	CLASSROOM
CO	CLEAN OUT
CLR	CLEAR
CLR GL	CLEAR GLASS
CLR WGL	CLEAR WIRE GLASS
CL	CLOSET
CLO	CLOSURE
CCL	COAT CLOSET
COEF	COEFFICIENT
CW	COLD WATER
COL	COLUMN
CO	COMPANY
COMPT	COMPARTMENT
COMPO	COMPOSITION
CA	COMPRESSED AIR
COMPR	COMPRESSOR
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CWR	CONDENSING WATER RETURN
CWS	CONDENSING WATER SUPPLY
COND	CONDUIT
CONF	CONFERENCE
CONN	CONNECT
CONST	CONSTRUCTION
CJ	CONTROL JOINT
CONT	CONTINUE/CONTINUOUS
CONTR	CONTRACTOR
CP	CONTROL PANEL
CONV	CONVECTOR
CNVYR	CONVEYOR
COR	CORNER
CG	CORNER GUARD
CORR	CORRIDOR/CORRUGATED
CPR	COPPER
CNTR	COUNTER
CTSK	COUNTERSINK
CRS	COURSE
COV	COVER
COV PL	COVER PLATE
CCT	CUBICAL CURTAIN TRACK
CUFT	CUBIC FEET/CUBIC FOOT
CFM	CUBIC FEET PER MINUTE
CY	CUBIC YARD
CULV	CULVERT
CD	CUP DISPENSER
CYL	CYLINDER
CYC	CYCLES

D

DMPR	DAMPER
DMPFG	DAMPPROOFING
DL	DEAD LOAD
DB	DECIBEL
D	DEEP
DGL	DOOR GLAZING
DWG	DRAWING
DMT PARTN	DEMOUNTABLE PARTITION
DEPT	DEPARTMENT
DEPR	DEPRESSED
DES	DESIGN
DET	DETAIL
DIAG	DIAGONAL
DGM	DIAGRAM
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DR	DINING ROOM
DIR	DIRECTORY
DISC	DISCONNECT
DISCONT	DISCONTINUOUS
DW	DISHWASHER
DISP	DISPENSER
DIST	DISTANCE
DP	DISTRIBUTION PANEL
DO	DITTO (DO OVER)
DIV	DIVIDER/DIVISION
DR	DOOR
DO	DOOR OPENING
DR OP	DOOR OPERATOR
DBL	DOUBLE
DA	DOUBLE ACTING
DH	DOUBLE HUNG
DWL	DOWEL
DN	DOWN
DS	DOWNSPOUT
DRN	DRAIN
DT	DRAIN TILE
DTC	DRAIN TILE CONNECTOR
DWR	DRAWER
DF	DRINKING FOUNTAIN
DB	DRY BULB
DSP	DRY STAND PIPE
DBWTR	DUMBWAITER
DUP	DUPLICATE
DDR	DUTCH DOOR
DTE	DTE ENERGY

E

EA	EACH
EF	EACH FACE
EW	EACH WAY
E	EAST
EIFS	EXTERIOR INSULATION FINISH SYSTEM
ELAST	ELASTOMERIC
ELAST FLASH	ELASTOMERIC FLASHING
ELAST WP	ELASTOMERIC WATERPROOFING
ESR	ELASTOMERIC SHEET ROOFING
ELEC	ELECTRIC/ELECTRICAL
ELEC CL	ELECTRICAL CLOSET
ELEC CAB	ELECTRICAL CABINET
EC	ELECTRICAL CONTRACTOR
E-	ELECTRICAL DRAWING-NO
EP	ELECTRICAL PANEL
EWC	ELECTRICAL WATER COOLER
ELEC OPER	ELECTRICALLY OPERATED
EL	ELEVATION
ELEV	ELEVATOR
EMERG	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER
E/E	END-TO-END
ENTR	ENTRANCE/ENTRY
EP	EPOXY
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ESC	ESCALATOR
EST	ESTIMATE
EXC	EXCAVATED
EXH	EXHAUST
ED	EXHAUST DUCT
EF	EXHAUST FAN
EG	EXHAUST GRILLE
ER	EXHAUST REGISTER
EXIST	EXISTING
EXP	EXPANSION
EXPB	EXPANSION BOLT
EJ	EXPANSION JOINT
EXPLP	EXPLOSION PROOF
EXP'D	EXPOSED
EXT'N	EXTENSION
EXT	EXTERIOR
EH	EXTRA HEAVY
EXTR	EXTRUDED
ESP	EXTERNAL STATIC PRESSURE

F

FAB	FABRICATED/FABRIC
F/F	FACE-TO-FACE
FFIN	FACTORY FINISH
FCU	FAN COIL UNIT
FS	FAR SIDE
FAS	FASTENER
FDR	FEEDER
FT or '	FEET/FOOT
FPM	FEET PER MINUTE
FN	FENCE
FBD	FOAM BOARD
FIG	FIGURE
FIN	FINISH/FINISHED
FIN FLR/FF	FINISHED FLOOR
FTR	FINNED TUBE RADIATION
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
F BRK	FIRE BRICK
FD	FIRE DAMPER
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FHC	FIRE HOSE CABINET
FH	FIRE HYDRANT
FL	FIRE LINE
FR	FIRE RETARDANT/FIRE RATED
FRTWD	FIRE RETARDANT TREATED WOOD
FVC	FIRE VALVE CABINET
FP	FIREPLACE
FPRFG	FIREPROOFING
FIXT	FIXTURE
FLASH	FLASHING
FHMS	FLAT HEAD MACHINE SCREW
FHWS	FLAT HEAD WOOD SCREW
FC	FLEXIBLE CONNECTION
FLR	FLOOR
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FLR FIN	FLOOR FINISH
FLUOR	FLUORESCENT
FLDG	FOLDING
FTG	FOOTING
FM BD	FOAMBOARD
FDN	FOUNDATION
FR	FRAME
FR/COV	FRAME AND COVER
FRMG	FRAMING
FRZR	FREEZER
FRP	FIBERGLASS REINFORCED PLASTIC
FS	FULL SIZE
FURN	FURNISH/FURNISHED
FURR	FURRING/FURRED
FUT	FUTURE

G

GA	GAUGE
GAL	GALLON
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GALV	GALVANIZED
GALV I	GALVANIZED IRON
G	GAS
GSKT	GASKET
GV & B	GATE VALVE AND BOX
GEN'L	GENERAL
GL	GLASS
GLZ	GLAZING
GHT	GLAZED HOLLOW TILE
GB	GRAB BAR
GR	GRADE/GRILLE
GB	GRADE BEAM
GRAT	GRATING
GL	GRID LINE
GRN	GRANITE
GS	GREASE SEPARATOR
FT	GREASE TRAP
GND	GROUND
GFI	GROUND FAULT INTERRUPTER
GT	GROUT
G	GUTTER ELEVATION
GYP	GYPSUM
GYPBD	GYPSUM BOARD

H

HNDCP	HANDICAPPED
HR	HANDRAIL
HBD	HARDBOARD
HDWE	HARDWARE
HDWD	HARDWOOD
HD	HEAD
HDR	HEADER
HA GL	HEAT ABSORBING GLASS
HRU	HEAT RECOVERY UNIT
HTR	HEATER
HTG	HEATING
H/V	HEATING AND VENTILATING
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HGT	HEIGHT
HEX	HEXAGON
H	HIGH
HID	HIGH INTENSITY DISCHARGE
HP	HIGH POINT
HPR	HIGH PRESSURE
HS	HIGH STRENGTH
HSB	HIGH STRENGTH BOLT
HV	HIGH VOLTAGE
HWY	HIGHWAY
HSTWY	HOISTWAY
HC	HOLLOW CORE
HM	HOLLOW METAL
HNYCB	HONEYCOMB
HK	HOOK
HORIZ	HORIZONTAL
HP	HORSEPOWER
HB	HOSE BIBB
HSP	HOSE STAND PIPE
HVC	HOSE VALVE CABINET
HOSP	HOSPITAL
HW	HOT WATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HR	HOUR
HO	HUB OUTLET
HYD	HYDRANT/HYDRAULIC
H	HYDROGEN

I

ID	IDENTIFICATION
INCAND	INCANDESCENT
IN OR "	INCH/INCHES
INCIN	INCINERATOR
INCL	INCLUDE / INCLUDING
IW	INDIRECT WASTE
INFO	INFORMATION
ID	INSIDE DIAMETER
IF	INSIDE FACE
INST'L	INSTALL/INSTALLATION
INSUL	INSULATE/INSULATION
INT	INTERIOR
INTER	INTERMEDIATE
INV	INVERT
IE	INVERT ELEVATION

J

JC	JANITOR CLOSET
JT	JOINT
JST	JOIST
JB	JUNCTION BOX
JR	JUNIOR

K

KP	KICK PLATE
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KW	KILOWATT
K	KIP (100#)
KIT	KITCHEN
KS	KNEE SPACE
KD	KNOCK DOWN
KOP	KNOCK-OUT PANEL

L

LBL	LABEL
LAB	LABORATORY
LAD	LADDER
LB	LAG BOLT
LAM	LAMINATE/LAMINATED
LDG	LANDING
L-	LANDSCAPE DRAWING-NO
LGE	LARGE
LDRY	LAUNDRY
LAV	LAVATORY
LH	LEFT HAND
LHRB	LEFT HAND REVERSE BEVEL
LGTH	LENGTH
LEV	LEVEL
LIB	LIBRARY
LT	LIGHT
LPRF	LIGHTPROOF
LTG	LIGHTING
LP	LIGHTING PANEL
LRP	LIGHTING RECEPTACLE PANEL
LTWT	LIGHTWEIGHT
LTWT CONC	LIGHTWEIGHT CONCRETE
LMS	LIMESTONE
LTL	LINTEL
LIN DIFF	LINEAR DIFFUSER
LF	LINEAR FEET/FOOT
LIN SD	LINEAR SLOT DRAIN
LIQ	LIQUID
LPG	LIQUID PROPANE GAS
LPG	LIQUID PETROLEUMM GAS
LL	LIVE LOAD
LR	LIVING ROOM
LOC	LOCATION
LKR	LOCKER
LG	LONG
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LVR	LOUVER
LO	LOUVER OPENING
LP	LOW POINT
LPR	LOW PRESSURE
LBR	LUMBER
LBS OR #	POUNDS
LED	LIGHT EMITTING DIODE

M

MACH	MACHINE
MB	MACHINE BOLT
MACH RM	MACHINE ROOM
MAU	MAKE-UP AIR UNIT
MDP	MAIN DISTRIBUTION PANEL
MSB	MAIN SWITCH BOARD
MAINT	MAINTENANCE
MH	MANHOLE
MFR	MANUFACTURER
MAR	MARBLE
MK	MARK
MAS	MASONRY
MO	MASONRY OPENING
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
M-	MECHANICAL DRAWING-NO
MC	MEDICINE CABINET
MED	MEDIUM
MEMB	MEMBRANE
MET	METAL
MDS	METAL DIVIDER STRIP
MES	METAL EDGE STRIP
ML	METAL LATH
ML & PLAS	METAL LATH AND PLASTER
MT	METAL THRESHOLD
MET WP	METALLIC WATERPROOFING
MEZZ	MEZZANINE
MDOT	MICHIGAN DEPARTMENT OF TRANSPORTATION
MWK	MILLWORK
MIN	MINIMUM
MIR	MIRROR
M&S	MIRROR AND SHELF
MOD	MOTOR OPERATED DAMPER
MLDG	MOULDING
MTD	MOUNTED
MTG	MEETING/MOUNTING
MOV	MOVEABLE
MOV PARTN	MOVEABLE PARTITION
MULL	MULLION
M	THOUSAND (1000)

N

NAT	NATURAL
NS	NEAR SIDE
NEUT	NEUTRAL
NRC	NOISE REDUCTION COEFFICIENT
NOM	NOMINAL
NOR	NORMAL
N	NORTH
NOS	NOSING
NIC	NOT-IN-CONTRACT
NTS	NOT-TO-SCALE
NO OR #	NUMBER

O

OBS	OBSCURE
OBSGL	OBSCURE GLASS
OFF	OFFICE
OC	ON CENTER
OPQ	OPAQUE
OPG	OPENING
OPER	OPERATOR
OPP	OPPOSITE
OPP HD	OPPOSITE HAND
ORIG	ORIGINAL
ORN	ORNAMENTAL
OZ	OUNCE
O/O	OUT-TO-OUT
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OHS	OVAL HEAD SCREW
OA	OVERALL
OHD	OVERHEAD
OHDDR	OVERHEAD DOOR
OXY	OXYGEN

P

PTD	PAINTED
PR	PAIR
PG	PAGE
PNL	PANEL
PTD	PAPER TOWEL DISPENSER
PTWR	PAPER TOWEL WASTE RECEPTACLE
PRL	PARALLEL
PKG	PARKING
PBD	PARTICLE BOARD
PRTN	PARTITION
PASS	PASSAGE
PAT	PATENT
PVMT	PAVEMENT
PVG	PAVING
PED	PEDESTAL
PERF	PERFORATED
PERIM	PERIMETER
PERM	PERMANENT
PERP	PERPENDICULAR
P	PHASE
PHOTO	PHOTOGRAPH
PH	PHYSICALLY HANICAPPED
PC	PIECE
PCS	PIECES
PLAS	PLASTER
PL LAM	PLASTIC LAMINATE
PL	PLATE
PL GL	PLATE GLASS
PLAT	PLATFORM
PLBG	PLUMBING
PLWD	PLYWOOD
PT	POINT
PT	POINT OF TANGENCY
PC	POINT OF CURVATURE
POL	POLISH/POLISHED
PVC	POLYVINYLCLORIDE
PORC	PORCELAIN
PORC ENAM	PORCELAIN ENAMEL
POR	POROUS
PORT	PORTABLE
POS	POSITION
PIV	POST INDICATOR VALVE
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PCF	POUNDS PER CUBIC FOOT
PP	POWER PANEL
P/C	PRECAST
PTR	PRECAST TERRAZZO RECEPTOR
PREFAB	PREFABRICATED
PFN	PREFINISHED
PTWD	PRESERVATIVE TREATED WOOD
PG	PRESSURE GAUGE
PRV	PRESSURE REDUCING VALVE
PRIM	PRIMARY
PROJ	PROJECT/PROJECTION
PROP	PROPERTY/PROPOSED
PL	PROPERTY LINE
PA	PUBLIC ADDRESS
PS	PURSE SHELF
PB	PUSH BUTTON

Q

QTY	QUANTITY
QT	QUARRY TILE
QTR	QUARTER
QTR RD	QUARTER ROUND

R

RBT	RABBET
RAD or R	RADIUS
RWC	RAIN WATER CONDUCTOR
RR	RAILROAD
RECV	RECEIVE/RECEIVING
RECPT	RECEPTACLE
RP	RECEPTACLE PANEL
REC	RECESS
RECT	RECTANGLE/RECTANGULAR
RED	REDUCER
RWD	REDWOOD
REF	REFER/REFERENCE
REFL	REFLECTED/REFECTIVE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCE/REINFORCING/ REINFORCEMENT
REM	REMOVE/REMOVABLE
REP	REPAIR
REQ'D	REQUIRED
RESIL	RESILIENT
RET	RETURN
RA	RETURN AIR
RAD	RETURN AIR DIFFUSER
RAF	RETURN AIR FAN
REV	REVISED/REVISION
RPM	REVOLUTIONS PER MINUTE
R	RISER
RH	RIGHT HAND
RHRB	RIGHT HAND REVERSE BEVEL
ROW	RIGHT OF WAY
RVT	RIVET
RD	ROAD
RSC	ROLLING STEEL CURTAIN
RF	ROOF
RC	ROOF CONDUCTOR
RD	ROOF DRAIN
RFH	ROOF HATCH
RS	ROOF SUMP
RV	ROOF VENTILATOR
RFG	ROOFING
RTU	ROOF TOP UNIT
RM	ROOM
RO	ROUGH OPENING
RND	ROUND
RHMS	ROUND HEAD MACHINE SCREW
RHWS	ROUND HEAD WOOD SCREW
RT	RUBBER TILE

S

SAN	SANITARY
SND	SANITARY NAPKIN DISPENSER
SNR	SANITARY NAPKIN RECEPTACLE
SCHED	SCHEDULE
SCN	SCREEN
STG	SEATING
SECT	SECTION
SERV	SERVICE
SS	SERVICE SINK
SHTHG	SHEATHING
SHT	SHEET
SHT MET	SHEET METAL
SH & R	SHELF AND ROD
SHWR	SHOWER
SCR	SHOWER CURTAIN ROD
SDR	SHOWER DOOR
SW	SIDEWALK
SIM	SIMILAR
SGL	SINGLE
SK	SINK
SD	SOAP DISPENSER
SC	SOLID CORE
SS	SOLID SURFACE
STC	SOUND TRANSMISSION CLASS
S	SOUTH
SP	SPACE
SPR	SPARE
SPKR	SPEAKER
SPEC	SPECIFICATIONS
SD	SPLITTER DAMPER
SPRYD	SPRAYED
SPKLR	SPRINKLER
SQ	SQUARE
SF	SQUARE FEET/SQUARE FOOT
STAG	STAGGERED
STSTL	STAINLESS STEEL
STD	STANDARD

S

SP	STANDPIPE
SP	STATIC PRESSURE
STA	STATION
STM	STEAM
STL	STEEL
STL PL	STEEL PLATE
STIFF	STIFFENER
STO FR	STOREFRONT
STOR	STORAGE
STR	STRAIGHT
ST	STREET
STRUCT	STRUCTURAL
S-	STRUCTURAL DRAWING-NO
SGFT	STRUCTURAL GLAZED FACING TILE
SSTL	STRUCTURAL STEEL
SSD	SUBSOIL DRAIN
SSDC	SUBSOIL DRAIN CONNECTION
SUB	SUBSTATION
SAG	SUPPLY AIR GRILLE
SD	SUPPLY DIFFUSER/DUCT
SUBST	SUBSTITUTE
SAR	SUPPLY AIR REGISTER
SF	SUPPLY FAN
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SYM	SYMBOL/SYMMETRICAL
SYS	SYSTEM
SUPP	SUPPORT
SURF	SURFACE/SURFACING
SUSP	SUSPEND/SUSPENSION

T

TBD	TACKBOARD
TAN	TANGENT
TECH	TECHNICAL
TEL	TELEPHONE
TEL CAB	TELEPHONE CABINET
TV	TELEVISION
TVM	TELEVISION MONITOR
TEMP	TEMPERATURE
TEMP GL	TEMPERED GLASS
TU	TERMINAL UNIT
TERR	TERRAZZO
TB	TEST BORING
T	THERMOSTAT
THK	THICK/THICKNESS
TS	THICKENED SLAB
THD	THREAD
THRESH	THRESHOLD
THRU	THROUGH
T/TOIL	TOILET
TPD	TOILET PAPER DISPENSER
TPH	TOILET PAPER HOLDER
T & G	TOUNGE AND GROOVE
T & B	TOP AND BOTTOM
T/C	TOP OF CURB
T/EL	TOP ELEVATION
T/F	TOP OF FOOTING
T/G	TOP OF GUTTER
T/M	TOP OF MASONRY
T/P	TOP OF PARAPET
T/P	TOP OF PAVEMENT
T/R	TOP OF RIM
T/S	TOP OF STEEL
T/W	TOP OF WALL
TB	TOWEL BAR
TD	TOWEL DISPENSER
TD & WR	TOWEL DISPENSER AND WASTE RECEPTACLE
TG	TRANSFER GRILLE
TRFR	TRANSFORMER
TRAN	TRANSOM
T	TREAD
TD	TRENCH DRAIN
TS	TUBE SECTION
TV	TURNING VANE
TT	TWIN TEE
TYP	TYPICAL

U

UC	UNDERCUT
UG	UNDER GROUND
UL	UNDERWRITERS LABORATORY
ULT	ULTIMATE
UNFIN	UNFINISHED
UH	UNIT HEATER
USUB	UNIT SUBSTATION
UV	UNIT VENTILATOR
USGS	UNITED STATES GEOLOGICAL SURVEY
UON	UNLESS OTHERWISE NOTED
UR	URINAL

V

VAC	VACUUM
VB	VACUUM BREAKER
VCO	VACUUM CLEANER OUTLET
V BARR	VAPOR BARRIER
VAR	VARIABLE
VARN	VARNISH
VNR	VENEER
V PLAS	VENEER PLASTER
V	VENT
VTR	VENT THRU ROOF
VENT	VENTILATE/VENTILATION
VIF	VERIFY IN FIELD
VS	VERSUS
VERT	VERTICAL/VERTICALLY
VERT C	VERTICAL CURVE
VEST	VESTIBULE
VI	VIBRATION ISOLATOR
VNY	VINYL
VCT	VINYL COMPOSITION TILE
VIN FAB	VINYL FABRIC
VRS	VINYL REDUCER STRIP
VIT	VITREOUS
VCP	VITRIFIED CLAY PIPE
VOL	VOLUME
VD	VOLUME DAMPER
V	VOLTS

W

WAINS	WAINSCOT
WCAB	WALL CABINET
WCO	WALL CLEAN OUT
WH	WALL HYDRANT
W/W	WALL-TO-WALL
WV	WALL VENT
WHSE	WAREHOUSE
WF	WASH FOUNTAIN
W	WASTE/WATTS
W & V	WASTE AND VENT
WR	WASTE RECEPTACLE
WC	WATER CLOSET
WG	WATER GUAGE
WH	WATER HEATER
WP	WATERPROOFING
WSTPG	WEATHERSTRIPPING
WT	WEIGHT
WWF	WELDED WIRE FABRIC
W	WEST
WB	WET BULB
W	WIDE/WIDTH
W_x_	WIDE FLANGE SECTION
WT	WIDE FLANGE TEE SECTION
WO	WINDOW OPENING
WGL	WIRE GLASS
WM	WIRE MESH
w/	WITH
w/o	WITHOUT
WD	WOOD
WL	WORK LINE
WP	WORK POINT
WI	WROUGHT IRON

X

Y

YD	YARD
YP	YIELD POINT
YS	YIELD STRENGTH
YR	YEAR

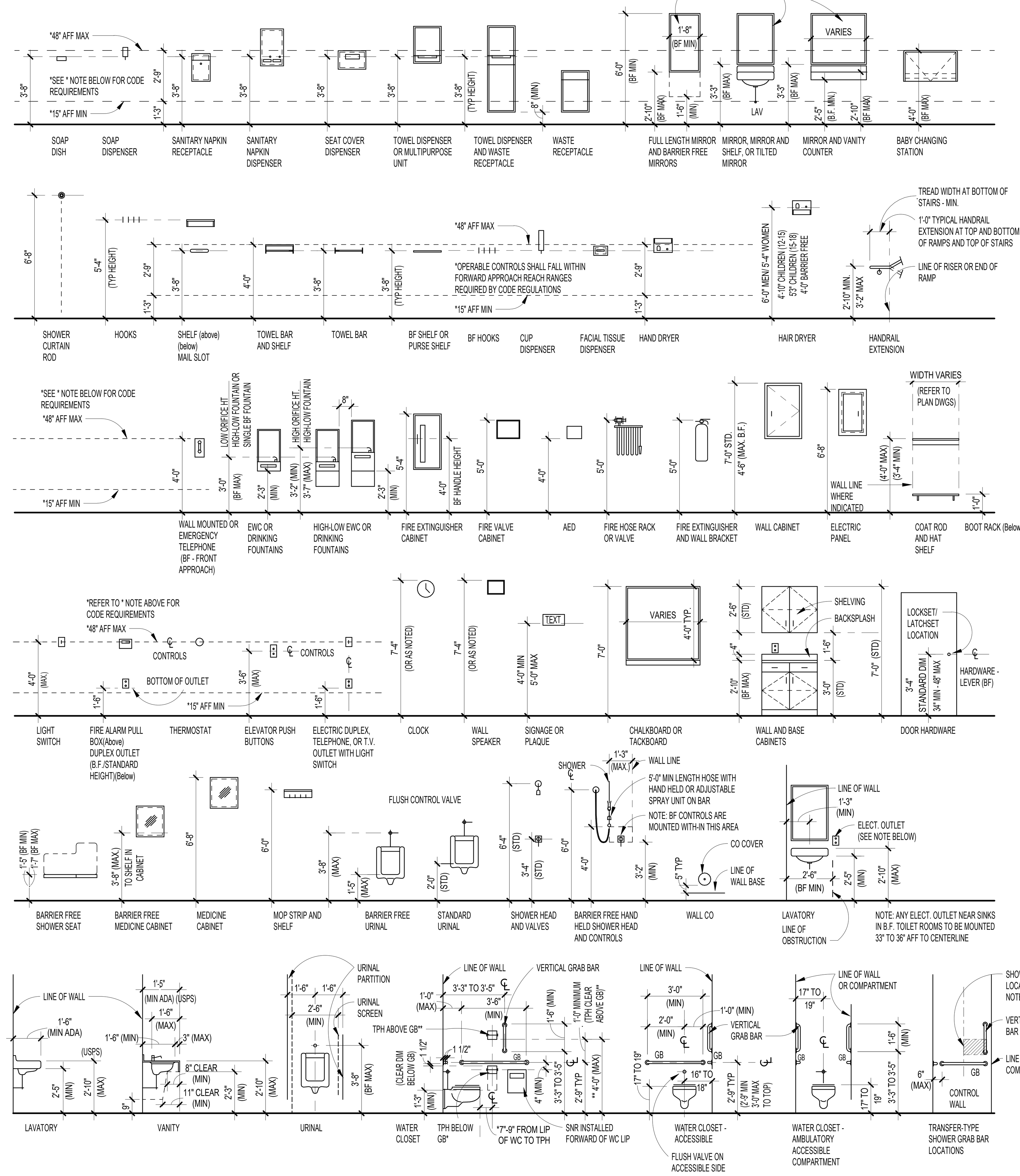
Z

ZC	ZINC

TYPICAL MOUNTING HEIGHTS

MISCELLANEOUS ACCESSORIES, TOILET ACCESSORIES AND FIXTURES

NOTE: MOUNTING HEIGHTS SHOWN ARE PROPOSED FOR ALL ACCESSORIES AND FIXTURES REQUIRED UNLESS OTHERWISE NOTED OR DIMENSIONED ON DRAWINGS FOR SPECIFIC CONDITIONS (BF - DENOTES ACCESSIBLE BARRIER FREE REQUIREMENTS)



MATERIAL DESIGNATIONS

MATERIAL
BRICK
CONCRETE MASONRY UNITS (BLOCK)
SOLID CONCRETE MASONRY UNITS
PREFACED CONCRETE MASONRY UNITS
STRUCTURAL GLAZED FACING TILE
CONCRETE
STONE/ SLATE/ OR GRANITE
EARTH
POROUS FILL (GRAVEL OR STONE)
COMPACTED DRAINAGE FILL (SAND)
MARBLE
STEEL AND FERROUS METAL (LARGE SCALE)
ALUMINUM AND NON-FERROUS METAL (LARGE SCALE)
FINISH HARDWOOD
WOOD BLOCKING/ NAILER (CONTINUOUS)
WOOD BLOCKING/ NAILER (NON-CONTINUOUS)
PARTICLE BOARD (Large Scale)
PLYWOOD (Large Scale)
HARDWOOD VENEER PLYWOOD (Large Scale)
PLASTIC LAMINATE CLAD PLYWOOD OR PARTICLE BOARD
BATT OR BLANKET INSULATION
RIGID INSULATION
ACOUSTICAL CEILING TILE OR PANEL
GLASS (Large Scale)
GLASS (Small Scale)
GYPSUM DRYWALL (WALLBOARD)
PLASTER OR VENEER PLASTER
CEMENT PLASTER AND METAL LATH
CERAMIC TILE (LARGE SCALE)
TERRAZZO (LARGE SCALE)
CARPET (LARGE SCALE)
VINYL COMPOSITION TILE (VCT)
SEALANT AND BACKER ROD (LARGE SCALE) (DEPTH EQUAL TO HALF JOINT WIDTH)
JOINT FILLER MATERIAL OR ISOLATION JOINT FILLER (LARGE SCALE)
COLD FORMED METAL FRAMING
STRUCTURAL STEEL SHAPES (CONTINUOUS SECTIONS HATCHED OR SOLID, NON-CONTINUOUS SECTIONS OPEN)

REFERENCE SYMBOLS

DETAIL IDENTIFICATION

DETAIL IDENTIFICATION NUMBER (SAME NUMBER ON SHEET WHERE DRAWN OR REFERENCED)

1. / A1.1 — DETAIL TITLE — SCALE:1/8" = 1'-0"

SHEET IDENTIFICATION NUMBER (INDICATES SHEET NUMBER WHERE DETAIL IS DRAWN SHEET NUMBER(S) TO REFER TO WHEN REFERENCED ON THE SHEET WHERE THE DETAIL IS DRAWN)

DETAIL LOCATION INDICATION

DETAIL IDENTIFICATION NUMBER

(WALL SECTIONS) (PLAN SECTIONS)

SHEET IDENTIFICATION NUMBER (INDICATES SHEET NUMBER WHERE DETAIL IS DRAWN)

DETAIL LOCATION INDICATION FOR ENLARGED PLANS

DETAIL IDENTIFICATION NUMBER

SHEET IDENTIFICATION NUMBER (INDICATES SHEET NUMBER WHERE DETAIL IS DRAWN)

SECTION IDENTIFICATION

SECTION IDENTIFICATION NUMBER (SAME NUMBER ON SHEET WHERE DRAWN OR REFERENCED)

1. / A1.1 — SECTION TITLE — SCALE:1/8" = 1'-0"

SHEET IDENTIFICATION NUMBER (INDICATES SHEET NUMBER WHERE SECTION IS DRAWN SHEET NUMBER(S) TO REFER TO WHEN REFERENCED ON THE SHEET WHERE THE SECTION IS DRAWN)

SECTION LOCATION INDICATION

SECTION IDENTIFICATION NUMBER

SHEET IDENTIFICATION NUMBER (INDICATES SHEET NUMBER WHERE DETAIL IS DRAWN)

ELEVATION IDENTIFICATION

ELEVATION IDENTIFICATION NUMBER (SAME NUMBER ON SHEET WHERE DRAWN OR REFERENCED)

1. / A1.1 — ELEVATION TITLE — SCALE:1/8" = 1'-0"

SHEET IDENTIFICATION NUMBER (INDICATES SHEET NUMBER WHERE ELEVATION IS DRAWN SHEET NUMBER(S) TO REFER TO WHEN REFERENCED ON THE SHEET WHERE THE ELEVATION IS DRAWN)

ELEVATION INDICATION

ELEVATION IDENTIFICATION NUMBER(S) (SAME NUMBER ON SHEET WHERE DRAWN OR REFERENCED)

INDICATES DIRECTION OF VIEW OR MULTIPLE VIEWS

SHEET IDENTIFICATION NUMBER (INDICATES SHEET NUMBER WHERE DETAIL IS DRAWN)

MATCHLINE INDICATION

SHEET IDENTIFICATION NUMBER (INDICATES SHEET NUMBER OF DRAWING)

A1.1A / A1.1B — ZONE - A / ZONE - B

SHEET IDENTIFICATION NUMBER (INDICATES SHEET NUMBER WHERE DRAWING IS CONTINUED))

DOOR INDICATION

DOOR SWING INDICATION - NEW DOOR

DOOR SWING INDICATION - EXISTING DOOR

DOOR SWING INDICATION - EXISTING DOOR TO BE REMOVED

ROOM NAME AND NUMBER INDICATION

ROOM NAME

A101 — TMP ROOM IDENTIFICATION NUMBER

101 — OWNER ROOM NUMBER

ROOM IDENTIFICATION BY FLOOR AND/OR ZONE SHALL BE AS FOLLOWS:

BASEMENT ROOMS	001	ZONE A	A101
FIRST FLOOR ROOMS	101	ZONE B	B101
SECOND FLOOR ROOMS	201	ZONE C	C101
THIRD FLOOR ROOMS	301		

...

CONTINUE FOR AS MANY FLOORS AS REQUIRED.

DOOR IDENTIFICATION

DOOR TO ROOM SHALL REPEAT ROOM NUMBER ASSIGNED TO ROOM. MULTIPLE DOORS TO ROOM SHALL REPEAT ROOM NUMBER WITH A POSTSCRIPT LETTER FOR EACH ADDITIONAL DOOR REQUIRED.

101/101A/101B FOR NUMBER NEEDED.

DOOR IDENTIFICATION BY FLOOR AND/OR ZONE SHALL BE AS FOLLOWS:

BASEMENT DOORS	001	ZONE A	A101
FIRST FLOOR DOORS	101	ZONE B	B101
SECOND FLOOR DOORS	201	ZONE C	C101
THIRD FLOOR DOORS	301		

...

CONTINUE FOR AS MANY FLOORS AS REQUIRED.

COLUMN INDICATION

COLUMN INDICATION NUMBER OR NUMBER FOR NEW CONSTRUCTION

COLUMN INDICATION LETTER OR NUMBER FOR EXISTING CONSTRUCTION

NORTH INDICATION

N

ASSUMED NORTH IF NOT TRUE NORTH OR PLAN NORTH WHERE TRUE NORTH IS INDICATED BY ARROW ANNOTATION

TRUE NORTH

WALL TYPE NOTATION

3A — WALL CONSTRUCTION TYPE NUMBER AS LISTED IN 'WALL TYPE LEGEND'

DESCRIPTION ORIGINATES AT WALL SURFACE DESIGNATED

CASEWORK NOTATION

CASEWORK IDENTIFICATION NUMBER BASED ON MANUFACTURERS CATALOG NUMBERS AS NOTED IN SPECIFICATION OR 'CASEWORK LEGEND'

A1-100-36

KEYED NOTE INDICATION

KEYED NOTE IDENTIFICATION NUMBER AS LISTED IN 'NOTES' LEGEND (PLAN NOTATION)

KEYED NOTE IDENTIFICATION NUMBER AS LISTED IN 'NOTES' LEGEND (DEMOLITION NOTATION)

KEYED NOTE IDENTIFICATION NUMBER AS LISTED IN 'NOTES' LEGEND (LIFE SAFETY PLAN NOTATION)

ADDENDUM INDICATION

ADDENDUM NUMBER

(CURRENT REVISIONS SHALL BE SHOWN ENCIRCLED BY A FREEFORM LINE)

BULLETIN INDICATION

BULLETIN NUMBER

(CURRENT REVISIONS SHALL BE SHOWN ENCIRCLED BY A FREEFORM LINE)

ASI/CCD/RFI INDICATION

ASI 01 — ASI/CCD/RFI NUMBER

(CURRENT REVISIONS SHALL BE SHOWN ENCIRCLED BY A FREEFORM LINE)

STAIR DIRECTION NOTATION

UP (DN) — STAIR DIRECTION TO FLOOR ABOVE (UP) OR BELOW (DN)

NUMBER OF TREADS (OR RISERS) IN STAIR RUN

DRAWING DIMENSION LINE INDICATION

10'-0".

NOTE: DO NOT SCALE DRAWINGS WITHOUT GRAPHIC SCALES WITH PROPORTIONS OTHER THAN 1:1

MATERIAL OR WORK DIVISION NOTATION

EXISTING BUILDING (NEW CONST) | ADDITION (EXIST CONST)

JOINT BETWEEN MATERIALS (OR CONSTRUCTION WORK DIVISION LINE)

DRAWING NOTATION INDICATION

MATERIAL NOTATION AND INFORMATION (REFER TO TECHNICAL SPECIFICATIONS FOR MATERIAL DESCRIPTIONS AND METHODS OF CONSTRUCTION)

ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

General Information

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
10-17-2025	SCHEMATIC DESIGN

DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

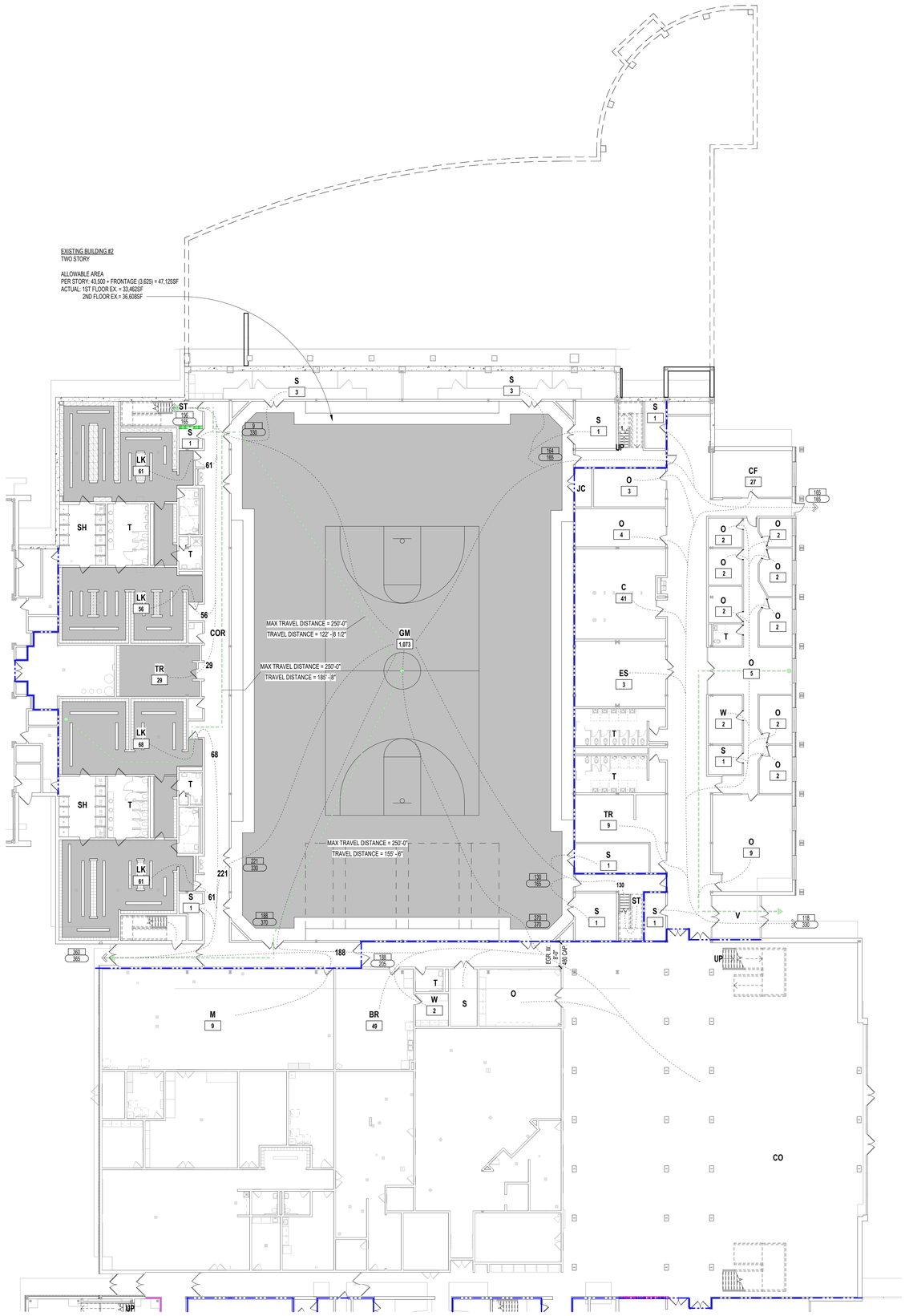
PROJECT NO.

25026D

DRAWING NO.

TG.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:02:43 AM



PARTIAL FIRST LEVEL LIFE SAFETY PLAN-BLEACHERS RETRACTED

SCALE: 1/16" = 1'-0"

LIFE SAFETY PLAN LEGEND

- 2-HOUR FIRE WALL FOR ALLOWABLE AREA COMPLIANCE (LSC 14.1.6.1 / MBC 503.1, 706)
  - FIRE DAMPERS ARE REQUIRED AT DUCT PENETRATIONS (MBC 706.11)
  - CONTINUITY/TERMINATIONS (MBC 706.5, 706.6)
  - NO ROOF PENETRATIONS WITHIN 4'-0" OF FIRE WALL (MBC 706.6[2])
- SMOKE PARTITION FOR PROTECTION OF HAZARDS/INCIDENTIAL USES (LSC 14.3.2.1[1], 8.7.1.2 / MBC 509.4.2)
  - DAMPERS ARE NOT REQUIRED AT DUCT PENETRATIONS (LSC 8.4.6.2 & NFPA 90A 5.3.1.1.1)
  - SMOKE DAMPERS ARE REQUIRED AT TRANSFER OPENINGS (LSC 8.4.6.2 / MBC 509.4.2)
- 1-HOUR FIRE BARRIER ADJACENT TO HORIZONTAL EXITS (LSC 7.2.4.3.4)
  - SHALL NOT BE PENETRATED BY DUCTS (LSC 7.2.4.3.5)
- EXISTING 1/2 HOUR FIRE RATED BARRIER, (10-3.6.1 EXCEPTION #2) TERMINATE AT CLG. (1 PSF SUSPENDED TILE)
- EXISTING 2-HOUR FIRE RATED BARRIER

- BUILDING #2 (EXISTING FIRE AREA): EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS) — EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)
- BUILDING #3: EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS) — EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)
- BUILDING #4: EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS) — EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)
- AREA OF CALCULATION

C / 120 — ROOM USE KEY / OCCUPANT LOAD

75 / 100 — CALCULATED OCCUPANT LOAD OF ROOM OR CUMULATIVE OCCUPANT LOAD AT EGRESS COMPONENT (LSC 7.3.1.2, MBC TABLE 1004.5)
CAPACITY OF EGRESS COMPONENT
- PER NFPA 101 (2012), TABLE 7.3.3.1
- PER MBC (2015), SECTIONS 1005.3.1 AND 1005.3.2

LINE OF TRAVEL
- TRAVEL DISTANCE TO EXITS = 250' MAX. SPRINKLED (TBL 1017.2 MBC)
- COMMON PATH OF TRAVEL = 75' MAX. SPRINKLED (TBL 1006.2.1 MBC)
- DEAD ENDS = 50' MAX. (LSC 14.2.5.2 / MBC 1020.5, EXCEPTION NO 2).

FE — FIRE EXTINGUISHER, SURFACE MOUNT

FES — FIRE EXTINGUISHER, CABINET (SEMI-RECESSED)

FIRE EXTINGUISHER, CABINET (RECESSED)

BUILDING DATA

1. SUPERVISED AUTOMATIC SPRINKLER SYSTEM (THROUGHOUT)
   - FIRE SUPRESSION TO BE INSTALLED IN NEW CONSTRUCTION
2. CONSTRUCTION CLASSIFICATION TYPE II(000) (NFPA 220) & II-B (MBC 2021) / 2-STORIES
3. USE CLASSIFICATION "E"

AREA CALCULATIONS

BUILDING #2: AREA ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC) - TYPE II(000) (NFPA 220 - 2012 EDITION) - TYPE II-B (MBC 2021) FRONTAGE INCREASE (MBC 506.3) = 14,500 X 25%	43,500 sf 3,625 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	47,125 sf
ACTUAL FLOOR AREA (2ND FLOOR)	44,186 sf
BUILDING #3: AREA ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC) - TYPE II(000) (NFPA 220 - 2012 EDITION) - TYPE II-B (MBC 2021)	43,500 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	43,500 sf
ACTUAL FLOOR AREA (2ND FLOOR)	13,768 sf
BUILDING #4: AREA ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC) - TYPE II(000) (NFPA 220 - 2012 EDITION) - TYPE II-B (MBC 2021)	43,500 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	43,500 sf
ACTUAL FLOOR AREA (1ST FLOOR)	42,978 sf

ROOM USE LEGEND

B	BAND	ES	EXISTING STAIR	SS	SCENE SHOP
BL	BLEACHERS	GM	GYMNASIUM	S	STORAGE
C	CLASSROOM	IT	INFORMATION TECH.	SH	SHOWER
COR	CORRIDOR	ME	MECH. / ELECTRICAL	T	TOILET
CO	COMMONS	O	OFFICE	TP	TEACHER PLANNING
CR	CONFERENCE ROOM	P	PRACTICE ROOM	TR	TRAINING ROOM
ES	ELECTRICAL	PE	PHYSICAL EDUCATION	V	VESTIBULE
LK	LOCKER ROOM			WR	WORK ROOM

OCCUPANT LOAD FACTORS (LSC TABLE 7.3.1.2 / MBC TABLE 1004.5)

EDUCATIONAL	
CLASSROOMS	1/20sf (net)
SCENE SHOPS	1/50sf (net)
GYMNASIUM	
- FLOOR (MAIN COURT/SIDELINES)	1/15sf (net)
- GYMNASIUM TRACK	1/15sf (net)
- BLEACHER SEATING	1/18 lineal in.
LOCKER ROOMS	1/15sf (gross)
WEIGHT FITNESS, LIFE FITNESS	1/50sf (net)
BUSINESS OFFICES, STAFF PLANNING WORKROOMS	1/100sf (gross)
RECEPTION AREAS	1/100sf (gross)
TECH REPAIR	1/15sf (net)
TEACHER'S LOUNGE	1/15sf (net)
CONFERENCE ROOMS	1/15sf (net)
STORAGE	
GENERAL STORAGE	1/300sf (gross)
RECEIVING AREAS	1/300sf (gross)
MECHANICAL	1/300sf (gross)

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

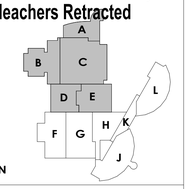
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Partial First Level Life Safety Plan-Bleachers Retracted

KEY PLAN



ISSUE DATES

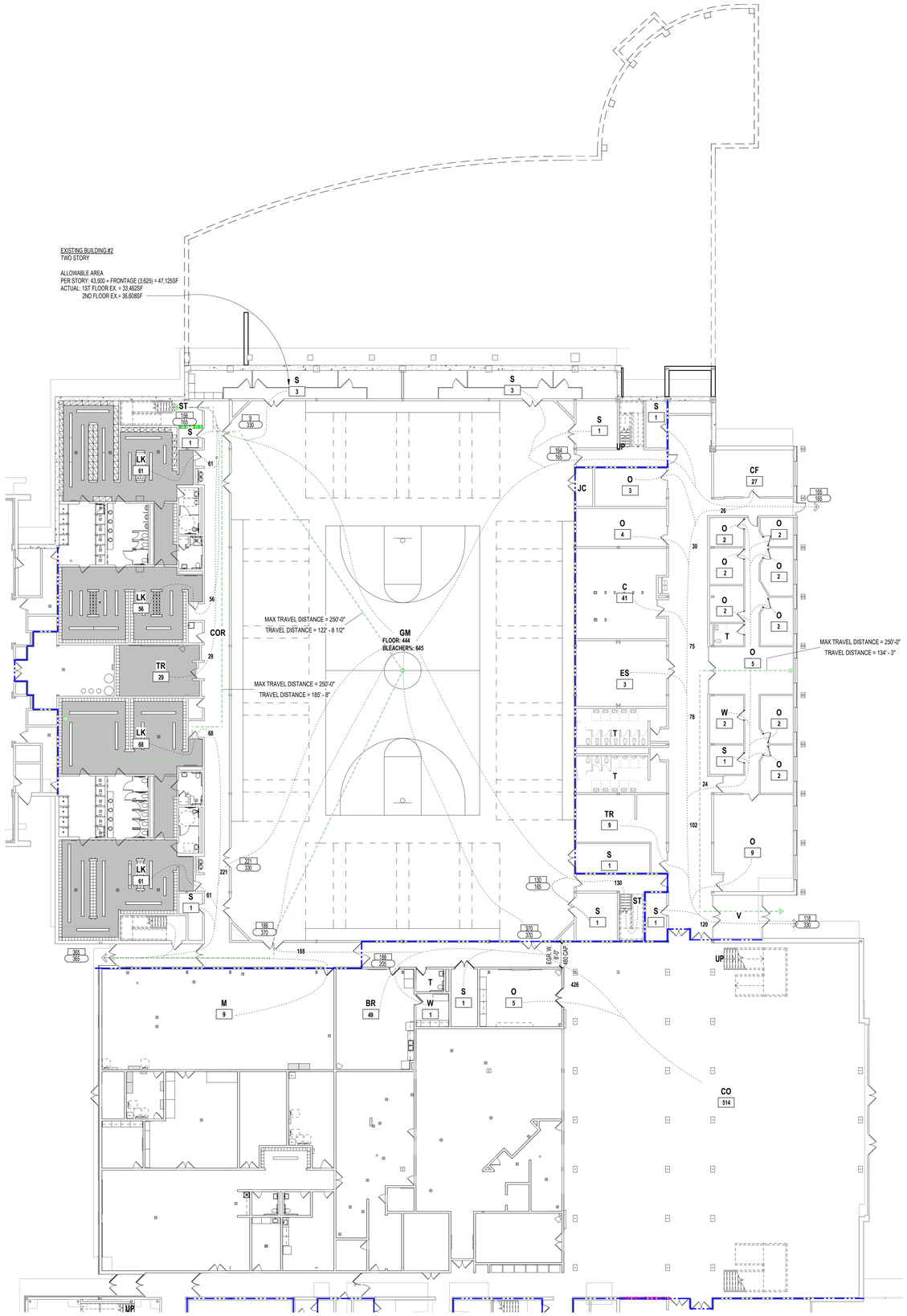
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	EK
CHECKED	MCL
APPROVED	DWL

PROJECT NO.
25026D

DRAWING NO.
LS.1A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:02:44 AM



PARTIAL FIRST LEVEL LIFE SAFETY PLAN - BLEACHERS EXTENDED

SCALE: 1/16" = 1'-0"

LIFE SAFETY PLAN LEGEND

- 2-HOUR FIRE WALL FOR ALLOWABLE AREA COMPLIANCE (LSC 14.1.6.1 / MBC 503.1, 706)
  - FIRE DAMPERS ARE REQUIRED AT DUCT PENETRATIONS (MBC 706.11)
  - CONTINUITY/TERMINATIONS (MBC 706.5, 706.6)
  - NO ROOF PENETRATIONS WITHIN 4'-0" OF FIRE WALL (MBC 706.6[2])
- SMOKE PARTITION FOR PROTECTION OF HAZARDS/INCIDENTIAL USES (LSC 14.3.2.1[1], 8.7.1.2 / MBC 509.4.2)
  - DAMPERS ARE NOT REQUIRED AT DUCT PENETRATIONS (LSC 8.4.6.2 & NFPA 90A 5.3.1.1.1)
  - SMOKE DAMPERS ARE REQUIRED AT TRANSFER OPENINGS (LSC 8.4.6.2 / MBC 509.4.2)
- 1-HOUR FIRE BARRIER ADJACENT TO HORIZONTAL EXITS (LSC 7.2.4.3.4)
  - SHALL NOT BE PENETRATED BY DUCTS (LSC 7.2.4.3.5)
- EXISTING 1/2 HOUR FIRE RATED BARRIER, (10-3.6.1 EXCEPTION #2) TERMINATE AT CLG. (1 PSF SUSPENDED TILE)
- EXISTING 2-HOUR FIRE RATED BARRIER

- BUILDING #2 (EXISTING FIRE AREA): EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS) EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)
- BUILDING #3: EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS) EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)
- BUILDING #4: EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS) EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)
- AREA OF CALCULATION

C = ROOM USE KEY; 120 = OCCUPANT LOAD

75 / 100 = CALCULATED OCCUPANT LOAD OF ROOM OR CUMULATIVE OCCUPANT LOAD AT EGRESS COMPONENT (LSC 7.3.1.2, MBC TABLE 1004.5) / CAPACITY OF EGRESS COMPONENT
- PER NFPA 101 (2012), TABLE 7.3.3.1
- PER MBC (2015), SECTIONS 1005.3.1 AND 1005.3.2

LINE OF TRAVEL
- TRAVEL DISTANCE TO EXITS = 250' MAX. SPRINKLED (TBL 1017.2 MBC)
- COMMON PATH OF TRAVEL = 75' MAX. SPRINKLED (TBL 1006.2.1 MBC)
- DEAD ENDS = 50' MAX. (LSC 14.2.5.2 / MBC 1020.5, EXCEPTION NO 2).

FE — FIRE EXTINGUISHER, SURFACE MOUNT

FES — FIRE EXTINGUISHER, CABINET (SEMI-RECESSED)

FIRE EXTINGUISHER, CABINET (RECESSED)

BUILDING DATA

1. SUPERVISED AUTOMATIC SPRINKLER SYSTEM (THROUGHOUT)
   - FIRE SUPRESSION TO BE INSTALLED IN NEW CONSTRUCTION
2. CONSTRUCTION CLASSIFICATION TYPE II(000) (NFPA 220) & II-B (MBC 2021) / 2-STORIES
3. USE CLASSIFICATION "E"

AREA CALCULATIONS

BUILDING #2: AREA	
ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC)	43,500 sf
- TYPE II(000) (NFPA 220 - 2012 EDITION)	
- TYPE II-B (MBC 2021)	
FRONTAGE INCREASE (MBC 506.3) = 14,500 X 25%	3,625 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	47,125 sf
ACTUAL FLOOR AREA (2ND FLOOR)	44,186 sf
BUILDING #3: AREA	
ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC)	43,500 sf
- TYPE II(000) (NFPA 220 - 2012 EDITION)	
- TYPE II-B (MBC 2021)	
ADJUSTED ALLOWABLE AREA PER FLOOR	43,500 sf
ACTUAL FLOOR AREA (2ND FLOOR)	13,768 sf
BUILDING #4: AREA	
ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC)	43,500 sf
- TYPE II(000) (NFPA 220 - 2012 EDITION)	
- TYPE II-B (MBC 2021)	
ADJUSTED ALLOWABLE AREA PER FLOOR	43,500 sf
ACTUAL FLOOR AREA (1ST FLOOR)	42,978 sf

ROOM USE LEGEND

B	BAND	ES	EXISTING STAIR	SS	SCENE SHOP
BL	BLEACHERS	GM	GYMNASIUM	S	STORAGE
C	CLASSROOM	IT	INFORMATION TECH.	SH	SHOWER
COR	CORRIDOR	ME	MECH. / ELECTRICAL	T	TOILET
CO	COMMONS	O	OFFICE	TP	TEACHER PLANNING
CR	CONFERENCE ROOM	P	PRACTICE ROOM	TR	TRAINING ROOM
ES	ELECTRICAL	PE	PHYSICAL EDUCATION	V	VESTIBULE
LK	LOCKER ROOM			WR	WORK ROOM

OCCUPANT LOAD FACTORS (LSC TABLE 7.3.1.2 / MBC TABLE 1004.5)

EDUCATIONAL	
CLASSROOMS	1/20sf (net)
SCENE SHOPS	1/50sf (net)
GYMNASIUM	
- FLOOR (MAIN COURT/SIDELINES)	1/15sf (net)
- GYMNASIUM TRACK	1/15sf (net)
- BLEACHER SEATING	1/18 lineal in.
LOCKER ROOMS	1/15sf (gross)
WEIGHT FITNESS, LIFE FITNESS	1/50sf (net)
BUSINESS OFFICES, STAFF PLANNING,WORKROOMS	1/100sf (gross)
RECEPTION AREAS	1/100sf (gross)
TECH REPAIR	1/15sf (net)
TEACHER'S LOUNGE	1/15sf (net)
CONFERENCE ROOMS	1/15sf (net)
STORAGE	
GENERAL STORAGE	1/300sf (gross)
RECEIVING AREAS	1/300sf (gross)
MECHANICAL	1/300sf (gross)

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE · SUITE 308
KALAMAZOO · MICHIGAN · 49007
PH · 269.327.0077 FX · 269.327.8090
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

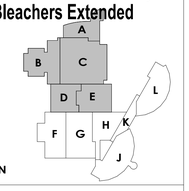
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Partial First Level Life Safety Plan- Bleachers Extended

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DATE:	ISSUED FOR:
DRAWN	EK
CHECKED	MCL
APPROVED	DWL

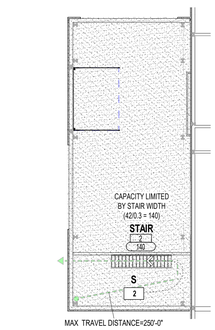
PROJECT NO.

25026D

DRAWING NO.

LS.1A-1

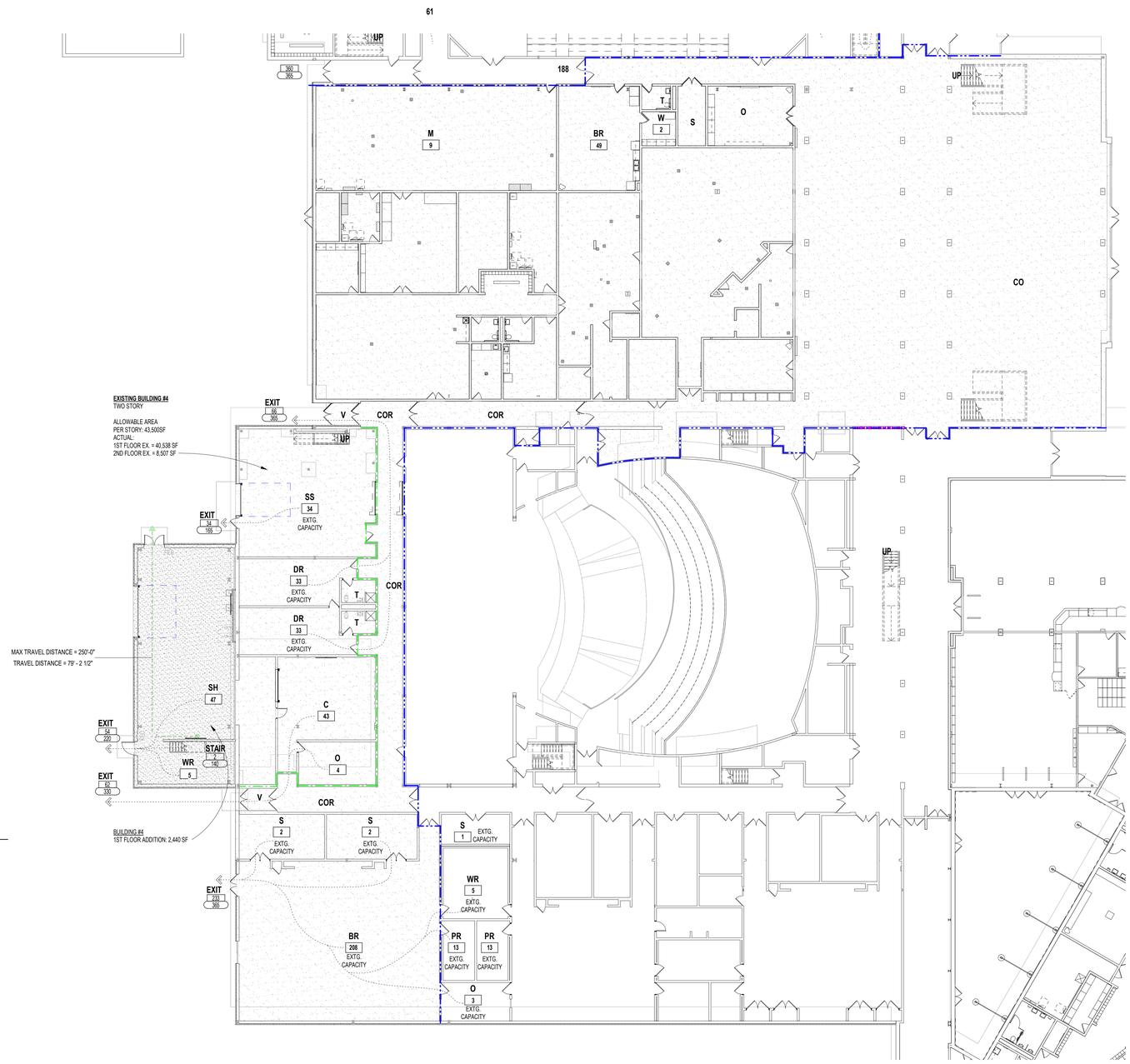
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:02:46 AM



N

MEZZANINE LIFE SAFETY PLAN

SCALE: 1/16" = 1'-0"



N

PARTIAL FIRST LEVEL LIFE SAFETY PLAN

SCALE: 1/16" = 1'-0"

LIFE SAFETY PLAN LEGEND

- **2-HOUR FIRE WALL FOR ALLOWABLE AREA COMPLIANCE (LSC 14.1.6.1 / MBC 503.1, 706)**
  - FIRE DAMPERS ARE REQUIRED AT DUCT PENETRATIONS (MBC 706.11)
  - CONTINUITY/TERMINATIONS (MBC 706.5, 706.6)
  - NO ROOF PENETRATIONS WITHIN 4'-0" OF FIRE WALL (MBC 706.6[2])
- **SMOKE PARTITION FOR PROTECTION OF HAZARDS/INCIDENTIAL USES (LSC 14.3.2.1[1], 8.7.1.2 / MBC 509.4.2)**
  - DAMPERS ARE NOT REQUIRED AT DUCT PENETRATIONS (LSC 8.4.6.2 & NFPA 90A 5.3.1.1.1)
  - SMOKE DAMPERS ARE REQUIRED AT TRANSFER OPENINGS (LSC 8.4.6.2 / MBC 509.4.2)
- **1-HOUR FIRE BARRIER ADJACENT TO HORIZONTAL EXITS (LSC 7.2.4.3.4)**
  - SHALL NOT BE PENETRATED BY DUCTS (LSC 7.2.4.3.5)
- **EXISTING 1/2 HOUR FIRE RATED BARRIER, (10-3.6.1 EXCEPTION #2) TERMINATE AT CLG. (1 PSF SUSPENDED TILE)**
- **EXISTING 2-HOUR FIRE RATED BARRIER**

BUILDING #2 (EXISTING FIRE AREA): EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS)
EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)

BUILDING #3: EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS)
EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)

BUILDING #4: EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS)
EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)

AREA OF CALCULATION

C — ROOM USE KEY
120 — OCCUPANT LOAD

75 — CALCULATED OCCUPANT LOAD OF ROOM OR CUMULATIVE OCCUPANT LOAD AT EGRESS COMPONENT (LSC 7.3.1.2, MBC TABLE 1004.5)
100 — CAPACITY OF EGRESS COMPONENT
- PER NFPA 101 (2012), TABLE 7.3.3.1
- PER MBC (2015), SECTIONS 1005.3.1 AND 1005.3.2

LINE OF TRAVEL
- TRAVEL DISTANCE TO EXITS = 250' MAX. SPRINKLED (TBL 1017.2 MBC)
- COMMON PATH OF TRAVEL = 75' MAX. SPRINKLED (TBL 1006.2.1 MBC)
- DEAD ENDS = 50' MAX. (LSC 14.2.5.2 / MBC 1020.5, EXCEPTION NO 2).

FE — FIRE EXTINGUISHER, SURFACE MOUNT
FES — FIRE EXTINGUISHER, CABINET (SEMI-RECESSED)
FIRE EXTINGUISHER, CABINET (RECESSED)

BUILDING DATA

1. SUPERVISED AUTOMATIC SPRINKLER SYSTEM (THROUGHOUT)
   - FIRE SUPRESSION TO BE INSTALLED IN NEW CONSTRUCTION
2. CONSTRUCTION CLASSIFICATION TYPE II(000) (NFPA 220) & II-B (MBC 2021) / 2-STORIES
3. USE CLASSIFICATION "E"

AREA CALCULATIONS

BUILDING #2: AREA	
ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC)	43,500 sf
- TYPE II(000) (NFPA 220 - 2012 EDITION)	
- TYPE II-B (MBC 2021)	
FRONTAGE INCREASE (MBC 506.3) = 14,500 X 25%	3,625 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	47,125 sf
ACTUAL FLOOR AREA (2ND FLOOR)	44,186 sf
BUILDING #3: AREA	
ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC)	43,500 sf
- TYPE II(000) (NFPA 220 - 2012 EDITION)	
- TYPE II-B (MBC 2021)	
ADJUSTED ALLOWABLE AREA PER FLOOR	43,500 sf
ACTUAL FLOOR AREA (2ND FLOOR)	13,768 sf
BUILDING #4: AREA	
ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC)	43,500 sf
- TYPE II(000) (NFPA 220 - 2012 EDITION)	
- TYPE II-B (MBC 2021)	
ADJUSTED ALLOWABLE AREA PER FLOOR	43,500 sf
ACTUAL FLOOR AREA (1ST FLOOR)	42,978 sf

ROOM USE LEGEND

B	BAND	ES	EXISTING STAIR	SS	SCENE SHOP
BL	BLEACHERS	GM	GYMNASIUM	S	STORAGE
C	CLASSROOM	IT	INFORMATION TECH.	SH	SHOWER
COR	CORRIDOR	ME	MECH. / ELECTRICAL	T	TOILET
CO	COMMONS	O	OFFICE	TP	TEACHER PLANNING
CR	CONFERENCE ROOM	P	PRACTICE ROOM	TR	TRAINING ROOM
ES	ELECTRICAL	PE	PHYSICAL EDUCATION	V	VESTIBULE
LK	LOCKER ROOM			WR	WORK ROOM

OCCUPANT LOAD FACTORS (LSC TABLE 7.3.1.2 / MBC TABLE 1004.5)

EDUCATIONAL	
CLASSROOMS	1/20sf (net)
SCENE SHOPS	1/50sf (net)
GYMNASIUM	
- FLOOR (MAIN COURT/SIDELINES)	1/15sf (net)
- GYMNASIUM TRACK	1/15sf (net)
- BLEACHER SEATING	1/18 lineal in
LOCKER ROOMS	1/15sf (gross)
WEIGHT FITNESS, LIFE FITNESS	1/50sf (net)
BUSINESS OFFICES, STAFF	
PLANNING WORKROOMS	1/100sf (gross)
RECEPTION AREAS	1/100sf (gross)
TECH REPAIR	1/15sf (net)
TEACHER'S LOUNGE	1/15sf (net)
CONFERENCE ROOMS	1/15sf (net)
STORAGE	
GENERAL STORAGE	1/300sf (gross)
RECEIVING AREAS	1/300sf (gross)
MECHANICAL	1/300sf (gross)

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

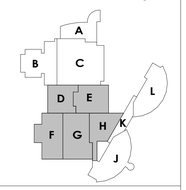
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Partial First Level Life Safety Plan



ISSUE DATES

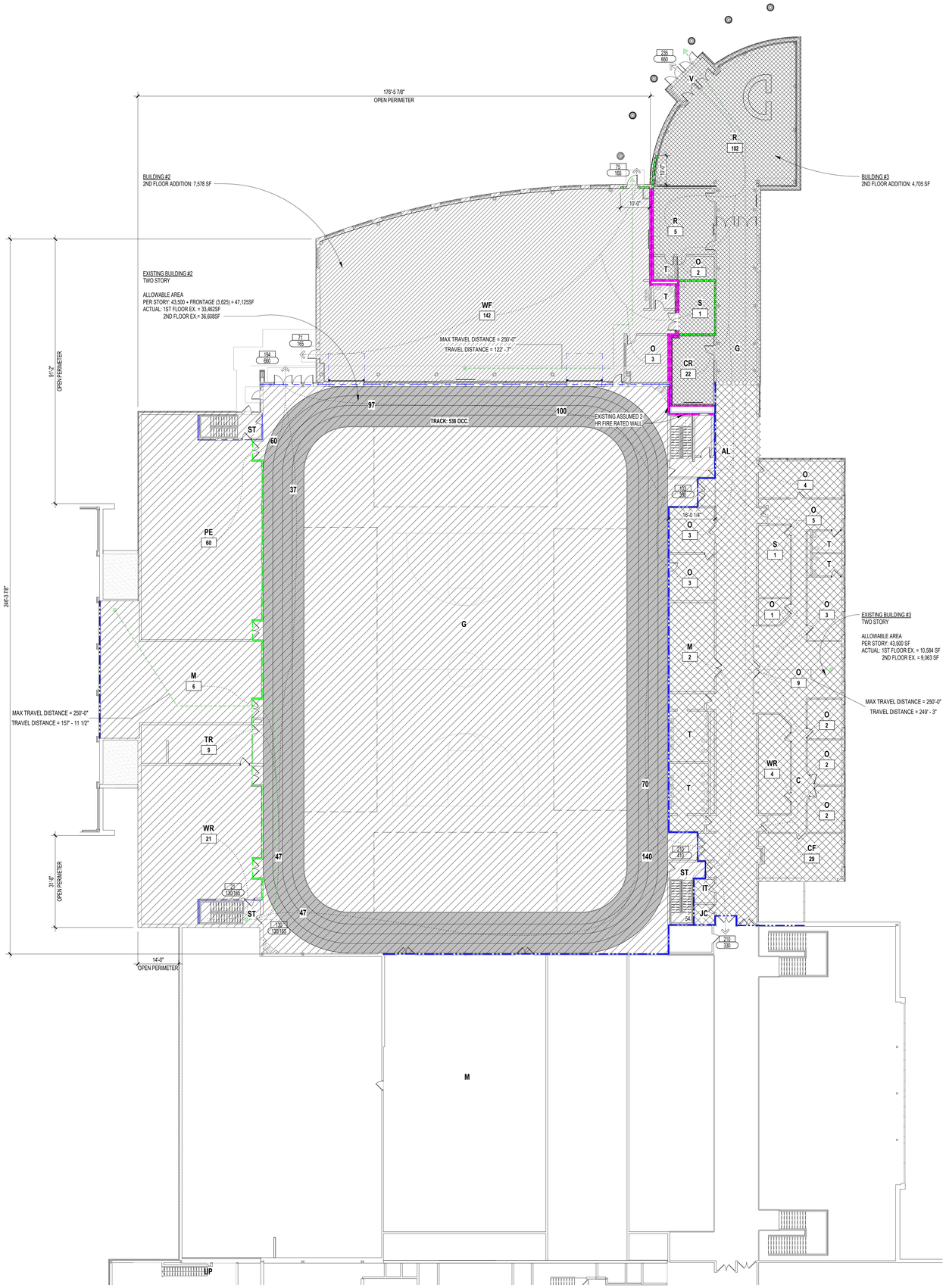
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	EK
CHECKED	MCL
APPROVED	DWL

PROJECT NO.
25026D

DRAWING NO.
LS.1B

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:02:48 AM



PARTIAL SECOND FLOOR LIFE SAFETY PLAN-BLECHERS RETRACTED

SCALE: 1/16" = 1'-0"

LIFE SAFETY PLAN LEGEND

- 2-HOUR FIRE WALL FOR ALLOWABLE AREA COMPLIANCE (LSC 14.1.6.1 / MBC 503.1, 706)
  - FIRE DAMPERS ARE REQUIRED AT DUCT PENETRATIONS (MBC 706.11)
  - CONTINUITY/TERMINATIONS (MBC 706.5, 706.6)
  - NO ROOF PENETRATIONS WITHIN 4'-0" OF FIRE WALL (MBC 706.6[2])
- SMOKE PARTITION FOR PROTECTION OF HAZARDS/INCIDENTIAL USES (LSC 14.3.2.1[1], 8.7.1.2 / MBC 509.4.2)
  - DAMPERS ARE NOT REQUIRED AT DUCT PENETRATIONS (LSC 8.4.6.2 & NFPA 90A 5.3.1.1.1)
  - SMOKE DAMPERS ARE REQUIRED AT TRANSFER OPENINGS (LSC 8.4.6.2 / MBC 509.4.2)
- 1-HOUR FIRE BARRIER ADJACENT TO HORIZONTAL EXITS (LSC 7.2.4.3.4)
  - SHALL NOT BE PENETRATED BY DUCTS (LSC 7.2.4.3.5)
- EXISTING 1/2 HOUR FIRE RATED BARRIER, (10-3.6.1 EXCEPTION #2) TERMINATE AT CLG. (1 PSF SUSPENDED TILE)
- EXISTING 2-HOUR FIRE RATED BARRIER

BUILDING #2 (EXISTING FIRE AREA): EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS)
EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)

BUILDING #3: EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS)
EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)

BUILDING #4: EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS)
EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)

AREA OF CALCULATION

C — ROOM USE KEY
120 — OCCUPANT LOAD

75 — CALCULATED OCCUPANT LOAD OF ROOM OR CUMULATIVE OCCUPANT LOAD AT EGRESS COMPONENT (LSC 7.3.1.2, MBC TABLE 1004.5)
100 — CAPACITY OF EGRESS COMPONENT
- PER NFPA 101 (2012), TABLE 7.3.3.1
- PER MBC (2015), SECTIONS 1005.3.1 AND 1005.3.2

LINE OF TRAVEL
- TRAVEL DISTANCE TO EXITS = 250' MAX. SPRINKLED (TBL 1017.2 MBC)
- COMMON PATH OF TRAVEL = 75' MAX. SPRINKLED (TBL 1006.2.1 MBC)
- DEAD ENDS = 50' MAX. (LSC 14.2.5.2 / MBC 1020.5, EXCEPTION NO 2).

FE — FIRE EXTINGUISHER, SURFACE MOUNT
FES — FIRE EXTINGUISHER, CABINET (SEMI-RECESSED)
FIRE EXTINGUISHER, CABINET (RECESSED)

BUILDING DATA

1. SUPERVISED AUTOMATIC SPRINKLER SYSTEM (THROUGHOUT)
   - FIRE SUPRESSION TO BE INSTALLED IN NEW CONSTRUCTION
2. CONSTRUCTION CLASSIFICATION TYPE II(000) (NFPA 220) & II-B (MBC 2021) / 2-STORIES
3. USE CLASSIFICATION "E"

AREA CALCULATIONS

BUILDING #2: AREA ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC) - TYPE II(000) (NFPA 220 - 2012 EDITION) - TYPE II-B (MBC 2021) FRONTAGE INCREASE (MBC 506.3) = 14,500 X 25%	43,500 sf 3,625 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	47,125 sf
ACTUAL FLOOR AREA (2ND FLOOR)	44,186 sf
BUILDING #3: AREA ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC) - TYPE II(000) (NFPA 220 - 2012 EDITION) - TYPE II-B (MBC 2021)	43,500 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	43,500 sf
ACTUAL FLOOR AREA (2ND FLOOR)	13,768 sf
BUILDING #4: AREA ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC) - TYPE II(000) (NFPA 220 - 2012 EDITION) - TYPE II-B (MBC 2021)	43,500 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	43,500 sf
ACTUAL FLOOR AREA (1ST FLOOR)	42,978 sf

ROOM USE LEGEND

B	BAND	ES	EXISTING STAIR	SS	SCENE SHOP
BL	BLEACHERS	GM	GYMNASIUM	S	STORAGE
C	CLASSROOM	IT	INFORMATION TECH.	SH	SHOWER
COR	CORRIDOR	ME	MECH. / ELECTRICAL	T	TOILET
CO	COMMONS	O	OFFICE	TP	TEACHER PLANNING
CR	CONFERENCE ROOM	P	PRACTICE ROOM	TR	TRAINING ROOM
ES	ELECTRICAL	PE	PHYSICAL EDUCATION	V	VESTIBULE
LK	LOCKER ROOM			WR	WORK ROOM

OCCUPANT LOAD FACTORS (LSC TABLE 7.3.1.2 / MBC TABLE 1004.5)

EDUCATIONAL	
CLASSROOMS	1/20sf (net)
SCENE SHOPS	1/50sf (net)
GYMNASIUM	
- FLOOR (MAIN COURT/SIDELINES)	1/15sf (net)
- GYMNASIUM TRACK	1/15sf (net)
- BLEACHER SEATING	1/18 lineal in.
LOCKER ROOMS	1/15sf (gross)
WEIGHT FITNESS, LIFE FITNESS	1/50sf (net)
BUSINESS OFFICES, STAFF PLANNING,WORKROOMS	1/100sf (gross)
RECEPTION AREAS	1/100sf (gross)
TECH REPAIR	1/15sf (net)
TEACHER'S LOUNGE	1/15sf (net)
CONFERENCE ROOMS	1/15sf (net)
STORAGE	
GENERAL STORAGE	1/300sf (gross)
RECEIVING AREAS	1/300sf (gross)
MECHANICAL	1/300sf (gross)

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

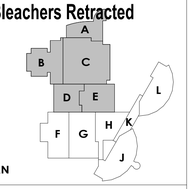
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Life Safety Plan-Bleachers Retracted



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	EK
CHECKED	MCL
APPROVED	DWL

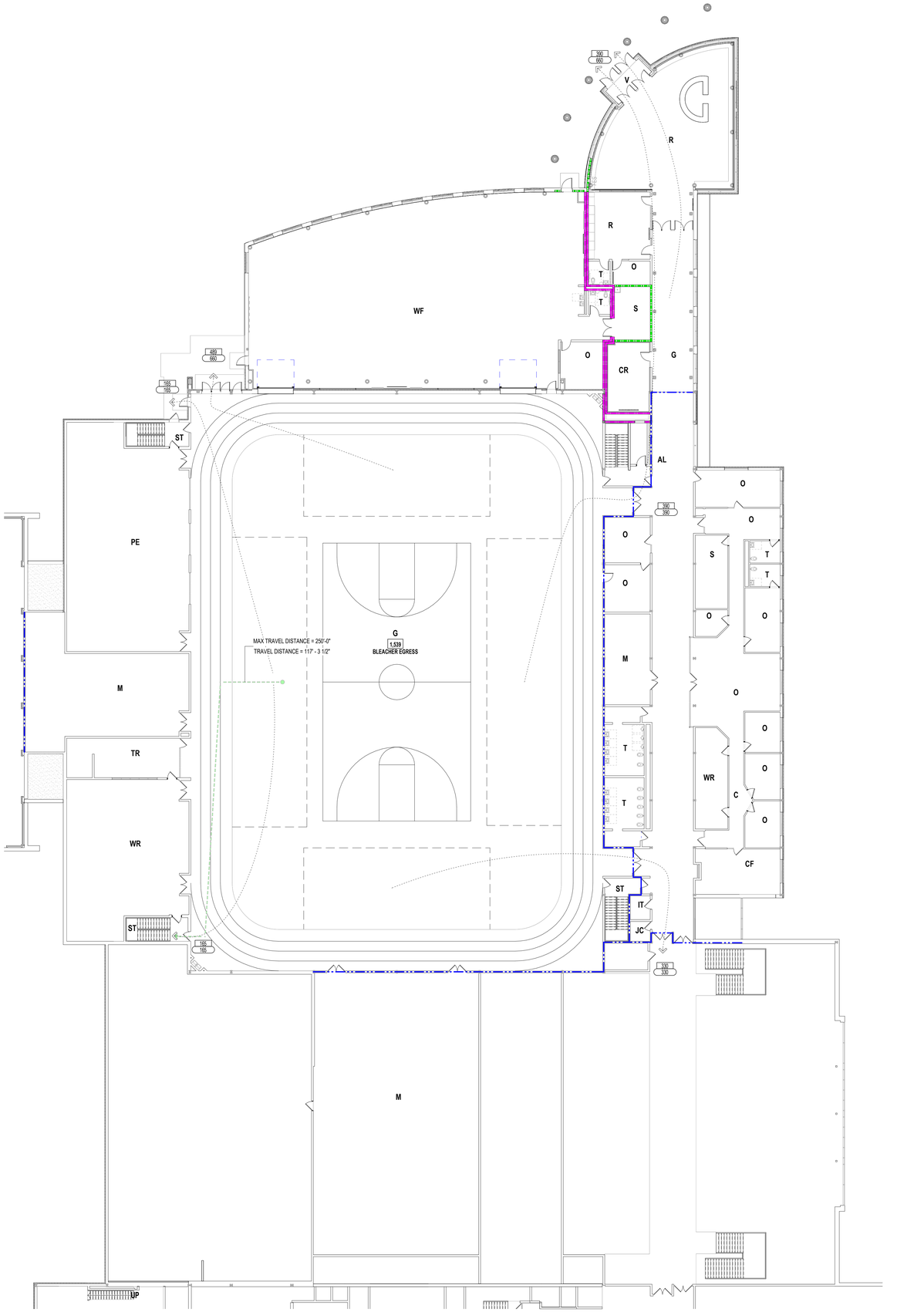
PROJECT NO.

25026D

DRAWING NO.

LS.2

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:02:50 AM



PARTIAL SECOND FLOOR LIFE SAFETY PLAN - BLEACHERS EXTENDED

SCALE: 1/16" = 1'-0"

LIFE SAFETY PLAN LEGEND

- 2-HOUR FIRE WALL FOR ALLOWABLE AREA COMPLIANCE (LSC 14.1.6.1 / MBC 503.1, 706)
  - FIRE DAMPERS ARE REQUIRED AT DUCT PENETRATIONS (MBC 706.11)
  - CONTINUITY/TERMINATIONS (MBC 706.5, 706.6)
  - NO ROOF PENETRATIONS WITHIN 4'-0" OF FIRE WALL (MBC 706.6[2])
- SMOKE PARTITION FOR PROTECTION OF HAZARDS/INCIDENTIAL USES (LSC 14.3.2.1[1], 8.7.1.2 / MBC 509.4.2)
  - DAMPERS ARE NOT REQUIRED AT DUCT PENETRATIONS (LSC 8.4.6.2 & NFPA 90A 5.3.1.1.1)
  - SMOKE DAMPERS ARE REQUIRED AT TRANSFER OPENINGS (LSC 8.4.6.2 / MBC 509.4.2)
- 1-HOUR FIRE BARRIER ADJACENT TO HORIZONTAL EXITS (LSC 7.2.4.3.4)
  - SHALL NOT BE PENETRATED BY DUCTS (LSC 7.2.4.3.5)
- EXISTING 1/2 HOUR FIRE RATED BARRIER, (10-3.6.1 EXCEPTION #2) TERMINATE AT CLG. (1 PSF SUSPENDED TILE)
- EXISTING 2-HOUR FIRE RATED BARRIER

BUILDING #2 (EXISTING FIRE AREA): EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS)
EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)

BUILDING #3: EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS)
EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)

BUILDING #4: EXISTING 2-HOUR FIRE RATED BARRIER (NOTED AS)
EXTEND TIGHT TO DECK. 90 MINUTE OPENINGS AND DOOR ASSEMBLIES, DAMPERED DUCTS, SEALED PENETRATIONS. (U.L. U905 OR U419)

AREA OF CALCULATION

C — ROOM USE KEY
120 — OCCUPANT LOAD

75 — CALCULATED OCCUPANT LOAD OF ROOM OR CUMULATIVE OCCUPANT LOAD AT EGRESS COMPONENT (LSC 7.3.1.2, MBC TABLE 1004.5)
100 — CAPACITY OF EGRESS COMPONENT
- PER NFPA 101 (2012), TABLE 7.3.3.1
- PER MBC (2015), SECTIONS 1005.3.1 AND 1005.3.2

LINE OF TRAVEL
- TRAVEL DISTANCE TO EXITS = 250' MAX. SPRINKLED (TBL 1017.2 MBC)
- COMMON PATH OF TRAVEL = 75' MAX. SPRINKLED (TBL 1006.2.1 MBC)
- DEAD ENDS = 50' MAX. (LSC 14.2.5.2 / MBC 1020.5, EXCEPTION NO 2).

FE — FIRE EXTINGUISHER, SURFACE MOUNT
FES — FIRE EXTINGUISHER, CABINET (SEMI-RECESSED)
FIRE EXTINGUISHER, CABINET (RECESSED)

BUILDING DATA

1. SUPERVISED AUTOMATIC SPRINKLER SYSTEM (THROUGHOUT)
   - FIRE SUPRESSION TO BE INSTALLED IN NEW CONSTRUCTION
2. CONSTRUCTION CLASSIFICATION TYPE II(000) (NFPA 220) & II-B (MBC 2021) / 2-STORIES
3. USE CLASSIFICATION "E"

AREA CALCULATIONS

BUILDING #2: AREA ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC) - TYPE II(000) (NFPA 220 - 2012 EDITION) - TYPE II-B (MBC 2021) FRONTAGE INCREASE (MBC 506.3) = 14,500 X 25%	43,500 sf 3,625 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	47,125 sf
ACTUAL FLOOR AREA (2ND FLOOR)	44,186 sf
BUILDING #3: AREA ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC) - TYPE II(000) (NFPA 220 - 2012 EDITION) - TYPE II-B (MBC 2021)	43,500 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	43,500 sf
ACTUAL FLOOR AREA (2ND FLOOR)	13,768 sf
BUILDING #4: AREA ALLOWABLE AREA PER FLOOR (MBC TBL 506.2 MBC) - TYPE II(000) (NFPA 220 - 2012 EDITION) - TYPE II-B (MBC 2021)	43,500 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	43,500 sf
ACTUAL FLOOR AREA (1ST FLOOR)	42,978 sf

ROOM USE LEGEND

B	BAND	ES	EXISTING STAIR	SS	SCENE SHOP
BL	BLEACHERS	GM	GYMNASIUM	S	STORAGE
C	CLASSROOM	IT	INFORMATION TECH.	SH	SHOWER
COR	CORRIDOR	ME	MECH. / ELECTRICAL	T	TOILET
CO	COMMONS	O	OFFICE	TP	TEACHER PLANNING
CR	CONFERENCE ROOM	P	PRACTICE ROOM	TR	TRAINING ROOM
ES	ELECTRICAL	PE	PHYSICAL EDUCATION	V	VESTIBULE
LK	LOCKER ROOM			WR	WORK ROOM

OCCUPANT LOAD FACTORS (LSC TABLE 7.3.1.2 MBC TABLE 1004.5)

EDUCATIONAL	
CLASSROOMS	1/20sf (net)
SCENE SHOPS	1/50sf (net)
GYMNASIUM	
- FLOOR (MAIN COURT/SIDELINES)	1/15sf (net)
- GYMNASIUM TRACK	1/15sf (net)
- BLEACHER SEATING	1/18 lineal in.
LOCKER ROOMS	1/15sf (gross)
WEIGHT FITNESS, LIFE FITNESS	1/50sf (net)
BUSINESS OFFICES, STAFF PLANNING WORKROOMS	1/100sf (gross)
RECEPTION AREAS	1/100sf (gross)
TECH REPAIR	1/15sf (net)
TEACHERS LOUNGE	1/15sf (net)
CONFERENCE ROOMS	1/15sf (net)
STORAGE	
GENERAL STORAGE	1/300sf (gross)
RECEIVING AREAS	1/300sf (gross)
MECHANICAL	1/300sf (gross)

TMP ARCHITECTURE

TMP ARCHITECTURE INC
259 E. MICHIGAN AVENUE · SUITE 308
KALAMAZOO · MICHIGAN · 49007
PH · 269.327.0077 FX · 269.327.8090
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

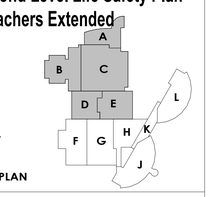
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Life Safety Plan- Bleachers Extended



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DATE:	ISSUED FOR:
DRAWN	EK
CHECKED	MCL
APPROVED	DWL

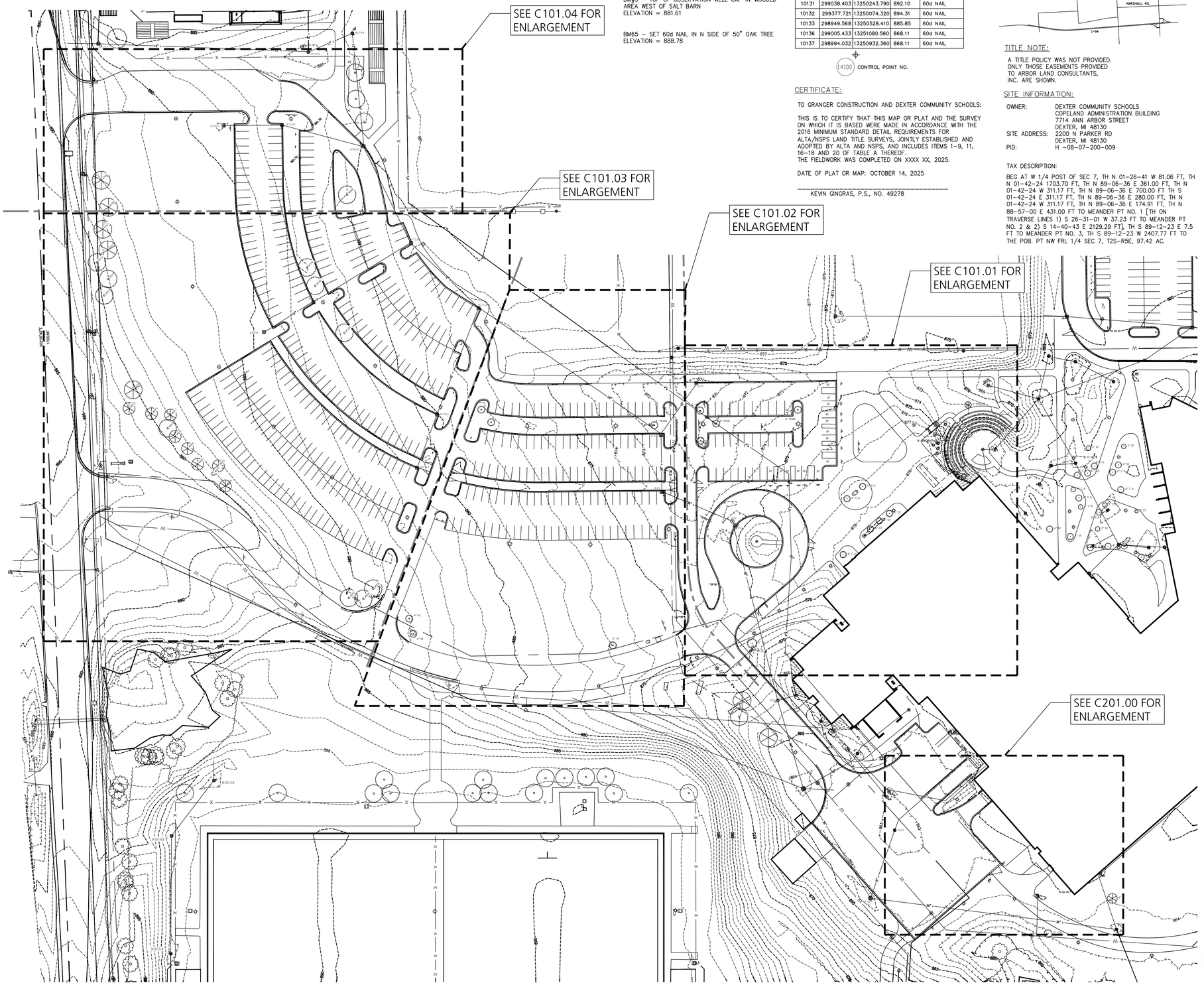
PROJECT NO.

25026D

DRAWING NO.

LS.2A-1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:02:52 AM



BENCHMARKS: DATUM = NAVD88

BENCHMARKS:
DATUM = NAVD88 (GNSS DERIVED)

BM#1 – ARROW ON TOP OF FIRE HYDRANT AT SW CORNER HIGH SCHOOL
ELEVATION = 866.67

BM#2 – ARROW ON TOP OF FIRE HYDRANT AT SW CORNER HIGH SCHOOL
ELEVATION = 864.48

BM#3 – ARROW ON TOP OF FIRE HYDRANT AT SW CORNER HIGH SCHOOL
ELEVATION = 862.22

BM#4 – ARROW ON TOP OF FIRE HYDRANT AT SW CORNER HIGH SCHOOL
ELEVATION = 874.01

BM#5 – TOP OF OBSERVATION WELL CAP IN WOODED AREA WEST OF SALT BARN
ELEVATION = 881.61

BM65 – SET 60d NAIL IN N SIDE OF 50" OAK TREE
ELEVATION = 888.78

CONTROL POINTS (MI SPC SOUTH ZONE)

CONTROL POINT DATA (MI SPC, SOUTH ZONE, NAD83				
POINT #	NORTHING	EASTING	ELEVATION	DESC.
214	299289.112	13250883.719	864.19	MAG NAIL
217	299237.608	13251155.367	863.46	MAG NAIL
329	299433.972	13250797.284	863.87	MAG NAIL
415	299573.915	13250523.785	873.73	MAG NAIL
579	299921.905	13250748.658	873.55	60d NAIL
582	299987.414	13251140.685	864.84	SET IRON PIPE
728	299816.695	13250922.230	864.77	60d NAIL
5539	299523.260	13251312.275	863.51	MAG NAIL
6163	299367.831	13250365.864	886.82	60d NAIL
6226	299169.768	13250509.942	882.53	60d NAIL
6988	299273.294	13249876.730	899.79	60d NAIL
10131	299038.403	13250243.790	892.10	60d NAIL
10132	299377.721	13250074.320	894.31	60d NAIL
10133	298949.568	13250528.410	885.85	60d NAIL
10136	299005.433	13251080.560	868.11	60d NAIL
10137	298994.032	13250932.360	868.11	60d NAIL

(14100) CONTROL POINT NO.

CERTIFICATE:

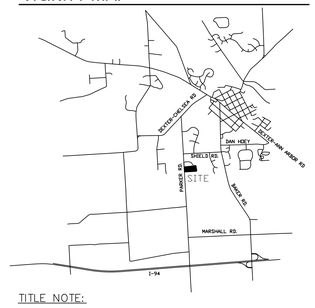
TO GRANGER CONSTRUCTION AND DEXTER COMMUNITY SCHOOLS:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1–9, 11, 16–18 AND 20 OF TABLE A THEREOF.
THE FIELDWORK WAS COMPLETED ON XXXX XX, 2025.

DATE OF PLAT OR MAP: OCTOBER 14, 2025

KEVIN GINGRAS, P.S., NO. 49278

VICINITY MAP



TITLE NOTE:

A TITLE POLICY WAS NOT PROVIDED. ONLY THOSE EASEMENTS PROVIDED TO ARBOR LAND CONSULTANTS, INC. ARE SHOWN.

SITE INFORMATION:

OWNER: DEXTER COMMUNITY SCHOOLS
COPELAND ADMINISTRATION BUILDING
7714 ANN ARBOR STREET
DEXTER, MI 48130

SITE ADDRESS: 2200 N PARKER RD
DEXTER, MI 48130

PID: H -08-07-200-009

TAX DESCRIPTION:

BEG AT W 1/4 POST OF SEC 7, TH N 01-26-41 W 81.06 FT, TH N 01-42-24 1703.70 FT, TH N 89-06-36 E 361.00 FT, TH N 01-42-24 W 311.17 FT, TH N 89-06-36 E 700.00 FT TH S 01-42-24 E 311.17 FT, TH N 89-06-36 E 280.00 FT, TH N 01-42-24 W 311.17 FT, TH N 89-06-36 E 174.91 FT, TH N 88-57-00 E 431.00 FT TO MEANDER PT NO. 1 [TH ON TRAVERSE LINES 1) S 26-31-01 W 37.23 FT TO MEANDER PT NO. 2 & 2) S 14-40-43 E 2129.29 FT], TH S 89-12-23 E 7.5 FT TO MEANDER PT NO. 3, TH S 89-12-23 W 2407.77 FT TO THE POB. PT NW FRL 1/4 SEC 7, T2S-R5E, 97.42 AC.

EXISTING CONDITIONS LEGEND

- SECTION CORNER
- FOUND IRON PIPE
- CONTROL POINT
- ROUND CATCH BASIN
- SQUARE CATCH BASIN
- STORM MANHOLE
- CULVERT/END SECTION
- DOWN SPOUT
- SANITARY MANHOLE
- SANITARY MANHOLE
- LIGHT POLE
- UTILITY POLE
- GUY POLE
- GUY ANCHOR
- ELECTRIC RISER
- TRANSFORMER
- WATER MANHOLE
- FIRE HYDRANT
- GATE VALVE & BOX
- WATER SHUT OFF VALVE
- WELL
- POST INDICATOR VALVE
- TELEPHONE POLE
- TELEPHONE RISER
- POLICE/EMERGENCY CALL
- TELEPHONE RISER
- SIGN
- MAIL BOX
- POST/BOLLARD
- EXISTING TREE
- CURB AND GUTTER
- CHAIN LINK FENCE
- EASEMENT LINE
- PARCEL LINE
- RIGHT-OF-WAY LINE
- MINOR CONTOUR
- MAJOR CONTOUR
- ELECTRIC LINE
- GAS MAIN
- WATER MAIN
- STORM LINE
- SANITARY LINE
- COMM LINE

SURVEY COMPLETED BY:

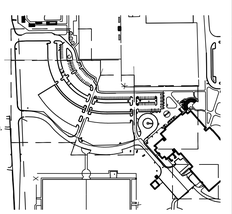
ARBORLAND CONSULTANTS
PROFESSIONAL LAND SURVEYORS

ADDRESS: 6653 SCHEIDER RD. MANCHESTER, MI 48158
PHONE: (734)-669-2960
WEBSITE: ARBORLANDINC.COM
DATE COMPLETED 08-04-2025

EXISTING CONDITIONS NOTES

1. CONTRACTOR SHALL CALL MISS DIG (811) A MINIMUM OF THREE WORKING DAYS PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL INVESTIGATE EXTENT AND LOCATION OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR PROTECTION AND RESTORATION OF SAME IF DAMAGED AS A RESULT OF CONTRACTOR'S OPERATIONS.
3. CONTOUR INTERVAL SHOWN IS 1-FOOT.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING SURVEY. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE CONSTRUCTION MANAGER.

KEY PLAN



Know what's below. Call before you dig. 811

NORTH

SCALE: 1" = 50'
0 25 50 100 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Existing Conditions - Overall

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

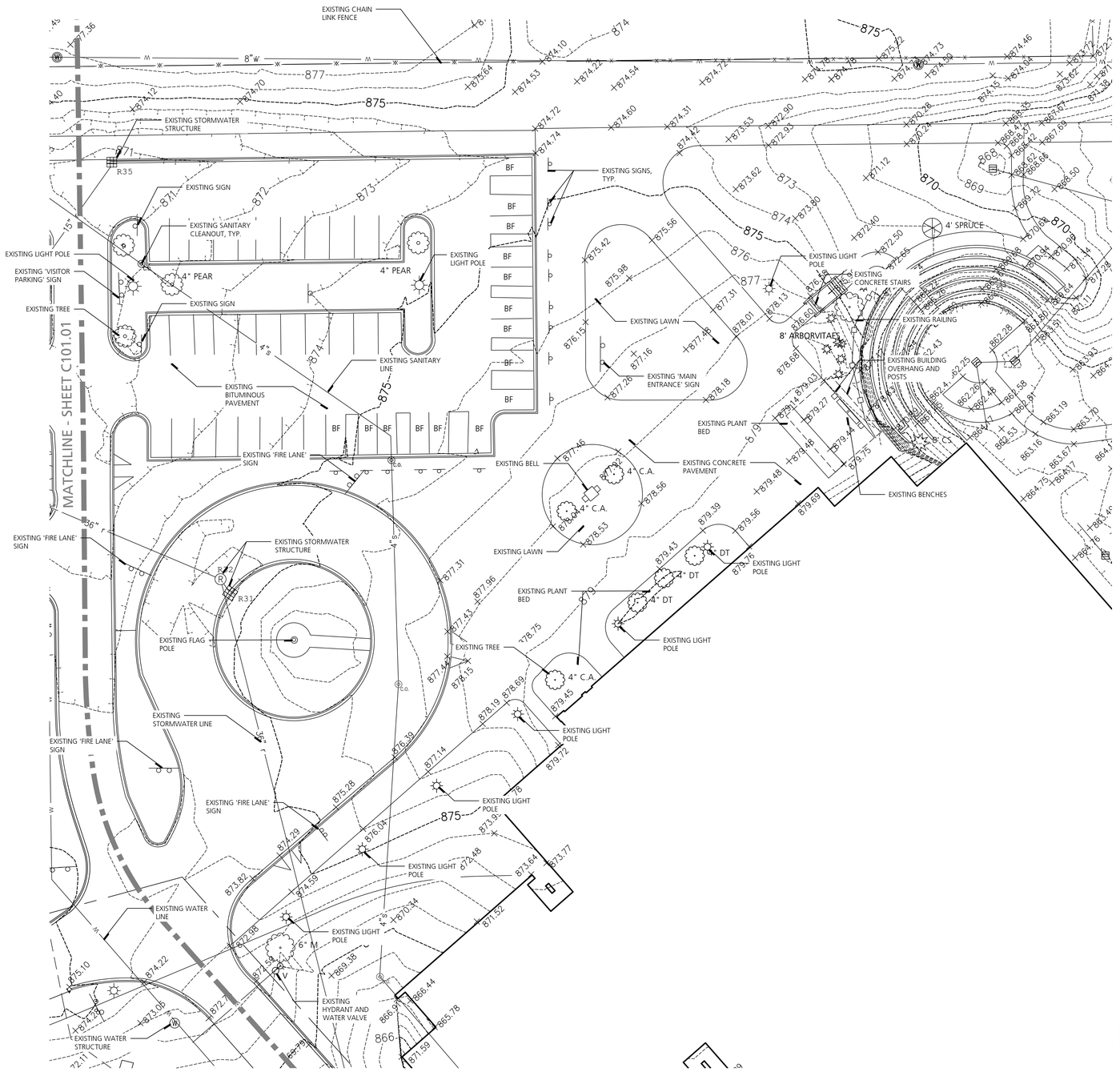
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C101.00



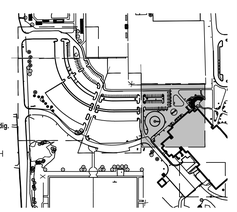
EXISTING CONDITIONS LEGEND

- SECTION CORNER
- FOUND IRON PIPE
- CONTROL POINT
- ROUND CATCH BASIN
- SQUARE CATCH BASIN
- STORM MANHOLE
- CULVERT/END SECTION
- DOWN SPOUT
- SANITARY MANHOLE
- SANITARY MANHOLE
- LIGHT POLE
- UTILITY POLE
- GUY POLE
- GUY ANCHOR
- ELECTRIC RISER
- TRANSFORMER
- WATER MANHOLE
- FIRE HYDRANT
- GATE VALVE & BOX
- WATER SHUT OFF VALVE
- WELL
- POST INDICATOR VALVE
- TELEPHONE POLE
- TELEPHONE RISER
- POLICE/EMERGENCY CALL
- TELEPHONE RISER
- SIGN
- MAIL BOX
- POST/BOLLARD
- EXISTING TREE
- CURB AND GUTTER
- CHAIN LINK FENCE
- EASEMENT LINE
- PARCEL LINE
- RIGHT-OF-WAY LINE
- MINOR CONTOUR
- MAJOR CONTOUR
- ELECTRIC LINE
- GAS MAIN
- WATER MAIN
- STORM LINE
- SANITARY LINE
- COMM LINE

EXISTING CONDITIONS NOTES

SEE C101.00 FOR EXISTING CONDITIONS NOTES.

KEY PLAN



SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Existing Conditions - Enlargement

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

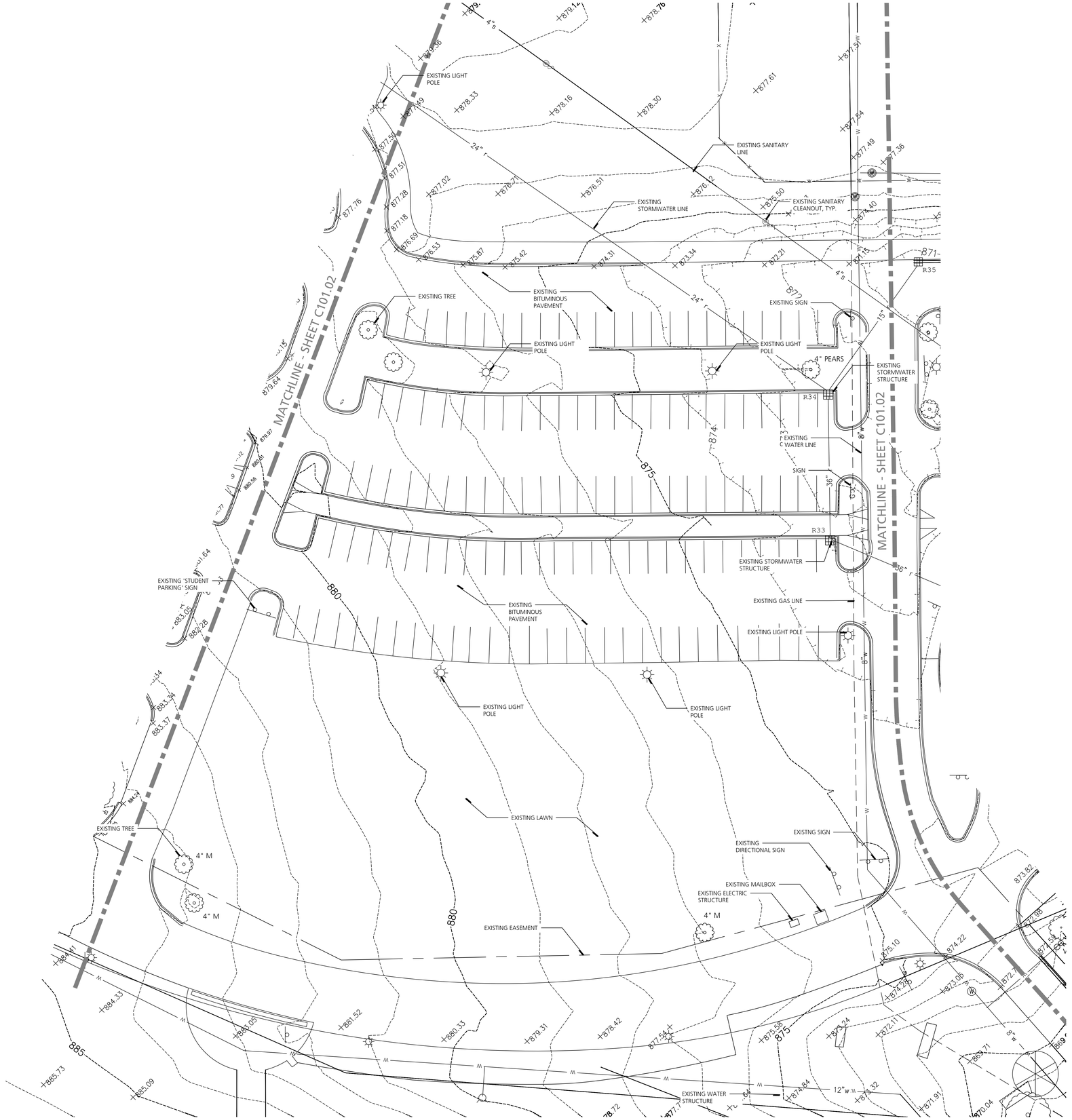
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C101.01



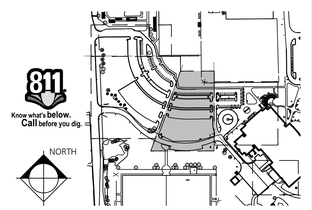
EXISTING CONDITIONS LEGEND

- SECTION CORNER
- FOUND IRON PIPE
- CONTROL POINT
- ROUND CATCH BASIN
- SQUARE CATCH BASIN
- STORM MANHOLE
- CULVERT/END SECTION
- DOWN SPOUT
- SANITARY MANHOLE
- SANITARY MANHOLE
- LIGHT POLE
- UTILITY POLE
- GUY POLE
- GUY ANCHOR
- ELECTRIC RISER
- TRANSFORMER
- WATER MANHOLE
- FIRE HYDRANT
- GATE VALVE & BOX
- WATER SHUT OFF VALVE
- WELL
- POST INDICATOR VALVE
- TELEPHONE POLE
- TELEPHONE RISER
- POLICE/EMERGENCY CALL
- TELEPHONE RISER
- SIGN
- MAIL BOX
- POST/BOLLARD
- EXISTING TREE
- CURB AND GUTTER
- CHAIN LINK FENCE
- EASEMENT LINE
- PARCEL LINE
- RIGHT-OF-WAY LINE
- 886 MINOR CONTOUR
- 886 MAJOR CONTOUR
- U/G ELEC. ELECTRIC LINE
- 12"g GAS MAIN
- 12"w WATER MAIN
- 12"s STORM LINE
- 12"s SANITARY LINE
- U/G COMM. COMM LINE

EXISTING CONDITIONS NOTES

SEE C101.00 FOR EXISTING CONDITIONS NOTES.

KEY PLAN



SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Existing Conditions - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C101.02



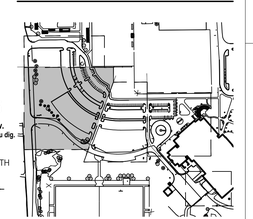
EXISTING CONDITIONS LEGEND

- SECTION CORNER
- FOUND IRON PIPE
- CONTROL POINT
- ROUND CATCH BASIN
- SQUARE CATCH BASIN
- STORM MANHOLE
- CULVERT/END SECTION
- DOWN SPOUT
- SANITARY MANHOLE
- SANITARY MANHOLE
- LIGHT POLE
- UTILITY POLE
- GUY POLE
- GUY ANCHOR
- ELECTRIC RISER
- TRANSFORMER
- WATER MANHOLE
- FIRE HYDRANT
- GATE VALVE & BOX
- WATER SHUT OFF VALVE
- WELL
- POST INDICATOR VALVE
- TELEPHONE POLE
- TELEPHONE RISER
- POLICE/EMERGENCY CALL
- TELEPHONE RISER
- SIGN
- MAIL BOX
- POST/BOLLARD
- EXISTING TREE
- CURB AND GUTTER
- CHAIN LINK FENCE
- EASEMENT LINE
- PARCEL LINE
- RIGHT-OF-WAY LINE
- 886 MINOR CONTOUR
- 886 MAJOR CONTOUR
- U/G ELEC. ELECTRIC LINE
- 12"g GAS MAIN
- 12"w WATER MAIN
- 12"s STORM LINE
- 12"s SANITARY LINE
- U/G COMM. COMM LINE

EXISTING CONDITIONS NOTES

SEE C101.00 FOR EXISTING CONDITIONS NOTES.

KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Existing Conditions - Enlargement

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

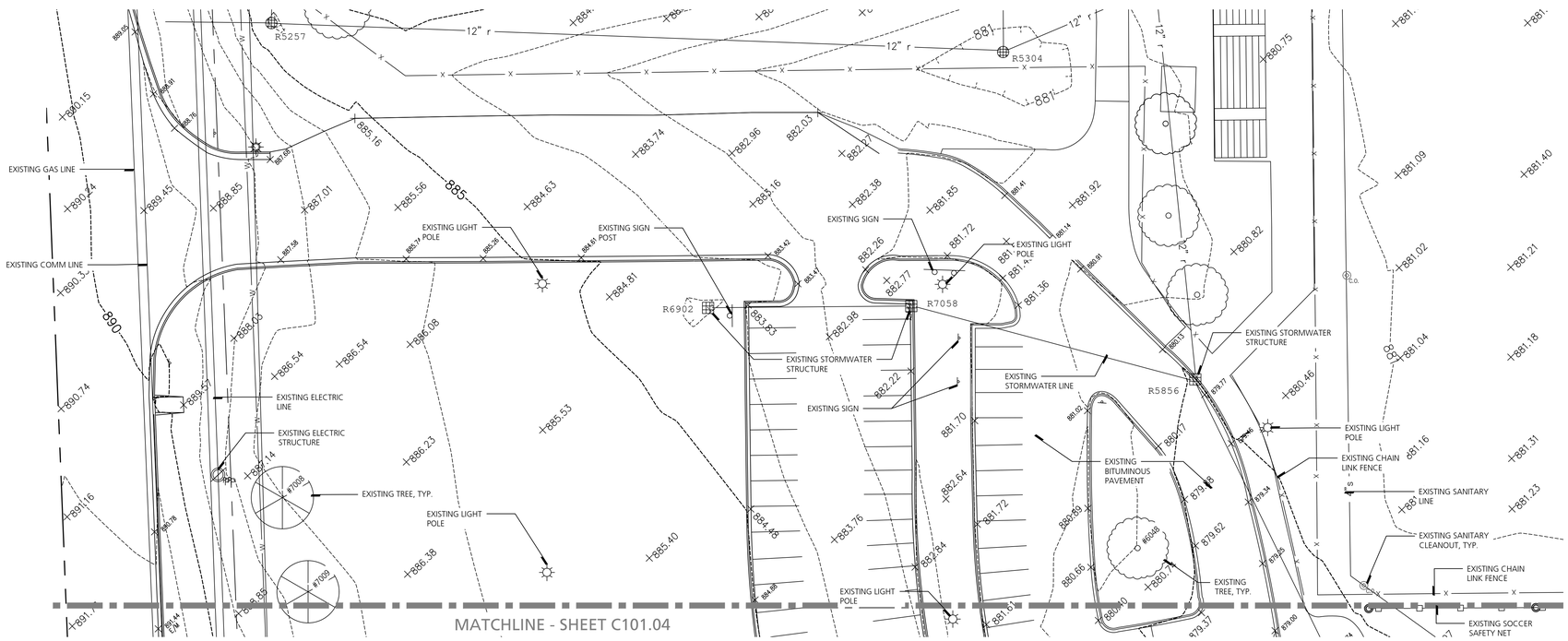
C101.03

EXISTING CONDITIONS LEGEND

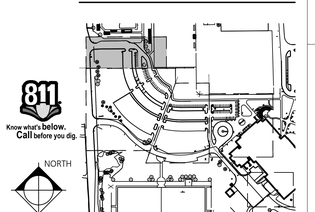
- SECTION CORNER
- FOUND IRON PIPE
- CONTROL POINT
- ROUND CATCH BASIN
- SQUARE CATCH BASIN
- STORM MANHOLE
- CULVERT/END SECTION
- DOWN SPOUT
- SANITARY MANHOLE
- SANITARY MANHOLE
- LIGHT POLE
- UTILITY POLE
- GUY POLE
- GUY ANCHOR
- ELECTRIC RISER
- TRANSFORMER
- WATER MANHOLE
- FIRE HYDRANT
- GATE VALVE & BOX
- WATER SHUT OFF VALVE
- WELL
- POST INDICATOR VALVE
- TELEPHONE POLE
- TELEPHONE RISER
- POLICE/EMERGENCY CALL
- TELEPHONE RISER
- SIGN
- MAIL BOX
- POST/BOLLARD
- EXISTING TREE
- CURB AND GUTTER
- CHAIN LINK FENCE
- EASEMENT LINE
- PARCEL LINE
- RIGHT-OF-WAY LINE
- 886 MINOR CONTOUR
- 886 MAJOR CONTOUR
- U/G ELEC. ELECTRIC LINE
- 12"g GAS MAIN
- 12"w WATER MAIN
- 12"s STORM LINE
- 12"s SANITARY LINE
- U/G COMM. COMM LINE

EXISTING CONDITIONS NOTES

SEE C101.00 FOR EXISTING CONDITIONS NOTES.



KEY PLAN



SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ⓘ
Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Existing Conditions - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C101.04

TREE SCHEDULE

TREE TABLE (2025)

TREE #	SIZE (IN.)	SPECIES	TREE #	SIZE (IN.)	SPECIES	TREE #	SIZE (IN.)	SPECIES	TREE #	SIZE (IN.)	SPECIES
5419	13	PEAR	8224	11	PINE	8553	10	CHERRY	9949	14	CHERRY
5420	12	PEAR	8225	14	PINE	8554	4	ELM	9950	15	HICKORY
5421	12	PEAR	8226	15	PINE	8555	9	CEDAR	9951	9	BASSWOOD
5506	12	PEAR	8227	12	PINE	8556	9	ELM	9953	15	WALNUT
5507	12	PEAR	8228	14	PINE	8557	9	ELM	9963	14	OAK
5508	13	PEAR	8236	4	CRABAPPLE	8787	8	PINE	9966	21	CHERRY
5589	14	PINE	8419	27	COTTONWOOD	8803	27	OAK	9967	13	MAPLE
5590	15	PINE	8420	12	CEDAR	8804	25	OAK	9981	13	COTTONWOOD
5591	3	MULTI MULLBERRY	8467	11	WALNUT	8805	25	OAK	9982	8	COTTONWOOD
5592	3	MULTI MULLBERRY	8468	9	WALNUT	8806	9	MAPLE	9984	11	TWIN BASSWOOD
5593	8	PINE	8469	10	WALNUT	8807	18	OAK	9985	18	MAPLE
5594	10	PINE	8470	13	WALNUT	8808	18	OAK	9986	15	OAK
5595	6	PINE	8471	4	WALNUT	8809	8	CHERRY	9987	8	MAPLE
5596	6	PINE	8472	3	WALNUT	8810	12	ELM	9988	12	WALNUT
5622	7	GINKGO	8473	4	TWIN WALNUT	8811	12	ELM	9989	8	MAPLE
5623	5	GINKGO	8474	4	ASH	8812	12	ELM	9991	8	HICKORY
5625	13	PINE	8475	4	OAK	8813	13	ELM	9992	9	HICKORY
5626	15	PINE	8476	11	WALNUT	8814	14	TWIN CHERRY	9993	14	HICKORY
5627	13	PINE	8499	3	ELM	8815	16	CHERRY	9994	12	HICKORY
5628	11	PINE	8500	6	ELM	8816	7	ELM	9995	12	CHERRY
5629	14	PINE	8501	3	ELM	8817	10	ELM	9996	15	HICKORY
5630	12	PINE	8502	4	OAK	8818	12	ELM	9997	14	HICKORY
5631	13	PINE	8503	4	OAK	8819	12	OAK	9998	13	HICKORY
5632	13	PINE	8504	3	OAK	8820	16	OAK	9999	8	ELM
5633	12	PINE	8505	2	OAK	8821	8	WALNUT	10000	8	OAK
5634	14	PINE	8506	3	OAK	8822	8	WALNUT	10001	15	OAK
5636	14	PINE	8507	6	OAK	8823	25	OAK	10002	6	ELM
5637	15	PINE	8508	5	ASH	8824	13	CHERRY	10003	8	ELM
5675	8	MAPLE	8509	5	ASH	8825	9	CHERRY	10004	7	ELM
5678	13	MAPLE	8510	5	TWIN OAK	8826	13	CHERRY	10005	9	PEAR
5892	11	PEAR	8511	5	TWIN OAK	8827	6	OAK	10006	7	ELM
5893	11	PEAR	8512	3	OAK	8828	12	CHERRY	10007	5	CEDAR
5894	9	PEAR	8513	7	OAK	8829	12	CHERRY	10058	8	COTTONWOOD
6048	8	MAPLE	8514	4	TWIN OAK	8830	6	ELM	10059	9	WILLOW
6354	7	PINE	8515	6	OAK	8831	12	MAPLE	10062	9	ELM
6355	7	PINE	8516	7	WALNUT	8832	30	OAK	10064	15	WALNUT
6616	6	PINE	8517	4	ELM	8833	14	OAK	10065	15	MAPLE
6617	6	PINE	8518	1	OAK	8961	21	OAK 1850	10066	11	OAK
6618	7	PINE	8519	3	ELM	9021	3	MAPLE	10069	20	BASSWOOD
6619	9	PINE	8520	6	ELM	9022	3	MAPLE	10070	18	MAPLE
6620	8	PINE	8521	4	OAK	9023	3	MAPLE	10072	29	OAK
6624	9	PINE	8522	12	WALNUT	9030	3	MAPLE	10073	24	OAK
6914	9	PINE	8523	10	ELM	9039	4	MAPLE	10074	15	BASSWOOD
6915	9	PINE	8524	7	ELM	9229	5	PINE	10075	7	HICKORY
6916	8	PINE	8525	3	OAK	9231	8	PEAR	10076	13	OAK
6917	7	PINE	8526	11	WALNUT	9234	5	PINE	10077	14	OAK
6918	4	REDBUD	8527	7	ELM	9382	4	MAPLE	10078	18	OAK
6919	6	PINE	8528	7	ELM	9383	4	MAPLE	10079	11	OAK
6920	8	PINE	8529	7	ELM	9384	4	MAPLE	10080	11	OAK
6921	6	PINE	8530	13	WALNUT	9386	4	MAPLE	10081	12	OAK
6922	7	PINE	8531	9	WALNUT	9387	3	MAPLE	10083	14	ELM
6924	7	PINE	8532	9	WALNUT	9388	3	MAPLE	10084	12	CHERRY
6933	12	MAPLE	8533	9	WALNUT	9389	3	MAPLE	10085	11	BASSWOOD
6934	10	MAPLE	8534	7	WALNUT	9390	3	MAPLE	10086	11	CHERRY
6935	11	MAPLE	8535	13	APPLE	9391	3	MAPLE	10087	17	BASSWOOD
7008	6	PINE	8537	14	CHERRY	9393	3	MAPLE	10088	11	OAK
7009	7	PINE	8538	14	CHERRY	9883	4	WALNUT	10089	12	CHERRY
7011	7	PINE	8539	16	ELM	9884	7	WALNUT	10090	13	OAK
7012	8	PINE	8540	17	ELM	9885	4	WALNUT	10091	11	OAK
7013	11	PEAR	8542	17	CHERRY	9886	4	WALNUT	10092	12	OAK
7014	11	PEAR	8543	20	OAK	9887	4	WALNUT	10093	10	OAK
7015	11	PEAR	8544	9	WALNUT	9888	4	WALNUT	10094	10	HICKORY
7199	9	LINDEN	8545	5	OAK	9906	4	WALNUT	10096	11	ELM
7200	7	LINDEN	8546	5	ELM	9913	7	PEAR	10097	12	ELM
7204	8	LINDEN	8547	5	ELM	9925	10	TWIN CEDAR	10099	14	WALNUT
7602	6	PINE	8548	7	ELM	9926	14	CEDAR	10112	14	WALNUT
7603	7	PINE	8549	9	WALNUT	9927	20	WILLOW	10113	11	WALNUT
7604	5	PINE	8550	7	OAK	9928	12	ELM	10114	12	WALNUT
8163	7	MAPLE	8551	8	OAK	9947	18	OAK			
8164	7	MAPLE	8552	10	CHERRY	9948	12	CHERRY			

TAG NO.	DBH (INCHES)	TYPE
201	17	PINE
202	16	PINE
203	25	PINE
204	18	PINE
205	12	CLUMP PINE
206	20	TWIN PINE
207	16	PINE
208	16	PINE
209	12	CHERRY
210	14	OAK
211	12	OAK
212	14	POP
213	19	PINE
214	20	PINE
215	16	PINE
216	16	DEAD PINE
217	18	PINE
218	14	TWIN CHERRY
219	12	CHERRY
220	20	PINE
221	14	PINE
222	14	OAK
223	12	CHERRY
224	12	CHERRY
225	12	PINE
226	1	PINE
227	12	TWIN PINE
228	12	PINE
229	18	PINE
230	14	PINE
231	14	PINE
232	14	CHERRY
233	14	TWIN PINE
234	12	PINE
235	12	PINE
236	12	CHERRY
237	14	PINE
238	14	CHERRY
239	12	CHERRY
240	12	PINE
241	16	PINE
243	22	PINE
244	14	TWIN PINE
245	24	TWIN PINE
246	12	TWIN PINE
247	14	TWIN PINE
248	18	CHERRY
249	16	PINE
250	12	CHERRY
251	16	CHERRY
252	14	CHERRY
253	18	OAK
254	15	PINE
255	15	OAK
256	50	OAK
257	14	CHERRY
258	20	PINE
259	14	PINE
260	15	TW POP
261	12	TWIN CHERRY
262	12	CHERRY
263	12	CHERRY
264	14	CHERRY
265	21	ELM
266	12	PINE
267	12	CHERRY
268	12	CHERRY
269	20	OAK
270	14	TWIN CHERRY
271	14	PINE
272	16	OAK
273	14	PINE
274	16	OAK
275	14	PINE
276	16	OAK
277	12	PINE
278	14	HICK
279	14	PINE
280	14	POP
281	12	PINE
282	12	TWIN PINE
283	12	PINE
284	18	PINE
285	18	PINE
286	20	OAK
287	20	OAK
288	14	OAK
289	14	OAK
290	14	OAK
291	18	OAK
292	13	OAK
293	14	PINE
294	14	PINE
295	16	PINE
296	16	OAK
297	19	OAK
298	16	OAK
299	16	PINE
300	16	PINE

TAG NO.	DBH (INCHES)	TYPE
501	12	PINE
502	14	CHERRY
503	11	OAK
504	12	PINE
505	18	OAK
506	11	PINE
507	12	PINE
508	13	CHERRY
509	12	CHERRY
510	12	PINE
511	12	MAPLE
512	12	OAK
514	13	OAK
515	19	OAK
516	12	CHERRY
517	12	PINE
518	12	PINE
519	12	CHERRY
520	15	OAK
521	17	PINE
522	15	PINE
523	11	CRAB APPLE
524	16	CHERRY
526	14	OAK
527	17	OAK
528	16	OAK
531	14	TRI C
532	18	OAK
533	16	OAK
534	16	PINE
535	12	OAK
536	14	OAK
537	18	OAK
538	14	PINE
539	14	TWIN CHERRY
540	12	TWIN CHERRY
541	16	PINE
542	20	OAK
543	18	PINE
544	12	PINE
545	12	PINE
546	14	PINE
547	14	OAK
548	12	CHERRY
549	14	TWIN PINE
550	14	OAK
551	14	OAK
552	12	PINE
553	16	PINE
554	14	PINE
555	14	OAK
556	16	OAK
557	16	OAK
558	12	PINE
559	16	PINE
560	15	OAK
561	15	PINE
562	16	OAK
563	16	OAK
564	12	OAK
565	16	TWIN CHERRY
566	13	PINE
567	1	PINE
568	15	PINE
569	17	PINE
570	12	TWIN PINE
571	12	PINE
572	20	OAK
573	12	PINE
574	15	PINE
575	14	PINE
576	15	PINE
577	12	PINE
578	12	PINE
579	15	OAK
580	12	PINE
581	12	PINE
582	14	PINE
583	12	OAK
584	14	OAK
585	12	OAK
586	12	OAK
587	14	OAK
588	14	OAK
589	12	DEAD PINE
590	12	PINE
591	12	TW OAK
594	14	OAK
595	14	TW OAK
596	12	CHERRY
597	10	OAK
598	12	OAK
599	14	PINE
600	12	PINE
601	12	DEAD PINE
602	15	OAK
603	12	OAK
604	18	OAK
605	14	OAK

TAG NO.	DBH (INCHES)	TYPE
606	14	OAK
607	12	OAK
608	12	CH
609	12	OAK
610	12	P
611	12	OAK
612	12	CH
613	24	OAK
614	12	CH
615	18	WIL
616	12	P
617	12	P
618	12	OAK
619	12	OAK
620	12	OAK
621	14	OAK
622	22	OAK
623	14	CH
624	20	OAK
821	16	PINE
822	16	PINE
823	14	PINE
824	16	PINE
825	16	PINE
826	12	PINE
827	14	PINE
828	14	PINE
829	14	PINE
830	12	TWIN PINE
831	12	TWIN PINE
832	14	PINE
833	12	OAK
834	16	PINE
835	16	PINE
836	17	PINE
837	12	CHERRY
838	17	PINE
839	11	TWIN PINE
840	14	PINE
841	12	PINE
842	12	PINE
844	14	PINE
845	12	CHERRY
846	16	PINE
847	14	PINE
848	14	TWIN PINE
849	14	CHERRY
850	16	PINE
851	16	PINE
852	14	CHERRY
853	14	PINE
854	12	CHERRY
855	12	PINE
856	14	OAK
857	14	PINE
858	14	PINE
859	14	PINE
860	12	PINE
861	14	PINE
862	12	CHERRY
863	12	TWIN CHERRY
864	16	TWIN CHERRY
865	12	CHERRY
866	16	PINE
867	12	PINE
868	14	PINE
869	14	PINE
870	14	PINE
871	16	CHERRY
872	12	PINE
873	12	OAK
874	13	CHERRY
875	13	CHERRY
876	13	OAK
877	13	PINE
878	12	CHERRY
879	12	CHERRY
880	12	OAK
881	12	TWIN CHERRY
882	12	OAK
883	12	PINE
884	12	OAK
885	12	PINE
886	12	CHERRY
887	18	TWIN PINE
888	13	OAK
889	11	CHERRY
890	16	PINE
892	14	PINE
893	18	OAK
894	13	PINE
895	12	PINE
896	16	PINE
897	18	PINE
898	19	PINE
899	12	PINE
900	22	OAK
901	14	PINE
902	14	PINE

TAG NO.	DBH (INCHES)	TYPE
903	13	TWIN COTTONWOOD
904	16	PINE
905	15	PINE
906	14	CHERRY
907	12	CHERRY
908	17	OAK
909	13	PINE
910	12	CHERRY
911	10	PINE
912	13	TRI CHERRY
913	14	CHERRY
914	12	PINE
915	12	PINE
916	15	CHERRY
917	12	CHERRY
918	12	CHERRY
919	17	OAK
920	14	PINE
921	14	PINE
922	14	PINE
923	12	TWIN CHERRY
924	12	OAK
925	14	QUAD HICKORY
926	12	PINE
927	14	OAK
928	16	CHERRY
929	12	PINE
930	12	PINE
931	12	PINE
932	10	CHERRY
933	12	PINE
934	14	CHERRY
935	14	CHERRY
936	12	PINE
937	12	PINE
938	15	OAK
939	15	OAK
940	13	PINE
941	13	PINE
942	16	PINE
943	14	PINE
944	17	OAK
945	12	PINE
946	12	PINE
947	12	PINE
948	12	OAK
949	14	CHERRY
950	14	PINE
951	12	MAPLE
952	12	PINE
953	16	PINE
954	16	PINE
955	14	CHERRY
956	12	CHERRY
957	12	CHERRY
958	16	PINE
959	18	OAK
960	16	CHERRY
962	12	ELM
963	12	PINE
964	12	OAK
965	15	CHERRY
966	16	COTTONWOOD
968	16	ELM
969	14	PINE
970	12	ELM
971	15	PINE
972	13	TWIN PINE
974	14	PINE
976	13	PINE
977	11	PINE
978	17	PINE
981	12	OAK
982	15	CHERRY
983	13	ELM
984	12	PINE
985	16	PINE
986	12	CHERRY
987	15	PINE
988	12	PINE
989	12	PINE
990	12	PINE
991	12	OAK
992	15	PINE
993	12	PINE
994	12	TWIN PINE
995	12	PINE
996	11	CEDAR
997	19	OAK
998	12	PINE
999	12	OAK
1000	12	OAK
1557	36	COTTONWOOD
1558	16	OAK
1601	26	OAK
1602	12	CHERRY
1603	12	PINE
1604	14	PINE
1605	22	OAK

TAG NO.	DBH (INCHES)	TYPE
1606	18	TWIN PINE
1607	12	PINE
1608	12	HICKORY
1609	12	WALNUT
1610	14	CHERRY
1611	14	CHERRY
1612	20	CHERRY
1613	16	CHERRY
1614	12	OAK
1615	12	PINE
1616	12	PINE
1617	14	OAK
1618	12	PINE
1619	12	CHERRY
1620	12	TWIN PINE
1621	12	PINE
1622	12	PINE
1623	12	PINE
1624	18	PINE
1625	20	OAK
1626	20	OAK
1627	20	CHERRY
1628	16	OAK
1629	12	OAK
1630	14	TRI PINE
1631	14	PINE
1632	12	PINE
1633	14	PINE
1634	14	PINE
1635	14	PINE
1636	16	PINE
1637	16	PINE
1638	16	OAK
1639	12	PINE
1640	12	PINE
1641	12	HICKORY
1643	16	PINE
1644	14	PINE
1645	12	PINE
1646	14	TWIN PINE
1647	12	TWIN PINE
1648	24	OAK
1649	12	CHERRY
1650	12	PINE
1651	14	PINE
1652	14	PINE
1653	12	TWIN PINE
1654	18	CHERRY
1655	12	OAK
1656	14	PINE
1657	14	PINE
1658	14	PINE
1659	16	TWIN OAK
1660	14	PINE
1661	14	PINE
1662	14	PINE
1663	14	PINE
1664	14	PINE
1665	14	TWIN PINE
1666	16	PINE
1667	14	OAK
1668	16	OAK
1669	16	OAK
1670	14	PINE
1671	14	PINE
1672	14	PINE
1673	14	OAK
1674	14	PINE
1675	14	PINE
1676	14	PINE
1677	12	TWIN PINE
1678	12	CHERRY
1679	16	CHERRY
1680	14	PINE
1681	12	PINE
1682	12	PINE
1683	14	TWIN PINE
1684	12	PINE
1685	14	OAK
1686	14	CHERRY
1687	10	CHERRY
1688	12	CHERRY
1689	12	CHERRY
1690	12	CHERRY
1691	12	PINE
1692	12	OAK
1693	12	OAK
1694	12	PINE
1695	12	OAK
1696	12	CHERRY
1697	12	OAK
1698	12	CHERRY
1699	15	OAK
1700	12	OAK
1706	12	OAK
1707	12	OAK
1709	12	OAK
1710	10	HICKORY
1711	14	CHERRY

TAG NO.	DBH (INCHES)	TYPE
1712	10	CHERRY
1713	12	PINE
1714	12	OAK
1715	12	PINE
1716	14	OAK
1717	16	MAPLE
1718	16	CHERRY
1719	10	HICKORY
1720	16	OAK
1721	14	CHERRY
1722	12	TWIN CHERRY
1723	10	CHERRY
1724	10	OAK
1733	12	PINE
1738	12	ELM
1739	9	OAK
1740	20	OAK
1741	10	CHERRY
1742	14	HICKORY
1742	13	HICKORY
1743	12	OAK
1744	17	OAK
1746	11	OAK
1748	15	OAK
1748	14	OAK
1749	12	OAK
1750	14	OAK
1751	16	OAK
1901	14	CHERRY
1902	14	CHERRY
1903	17	PINE
1904	16	PINE
1905	12	PINE
1906	12	OAK
1907	12	HICKORY
1908	12	CHERRY
1909	18	OAK
1910	12	ELM
1911	12	COTTONWOOD
1912	12	COTTONWOOD
1913	12	COTTONWOOD
1914	12	COTTONWOOD
1915	12	COTTONWOOD
1916	14	COTTONWOOD
1917	14	COTTONWOOD
1918	14	COTTONWOOD
1919	16	CHERRY
1920	18	OAK
1921	18	TWIN CHERRY
1922	12	PINE
1923	12	MAPLE
1924	14	OAK
1925	12	OAK
1926	16	OAK
1927	14	PINE
1928	12	PINE
1929	12	PINE
1930	12	OAK
1931	17	OAK
1932	17	PINE
1933	12	MAPLE
1934	12	OAK
1935	14	CHERRY
1936	16	PINE
1937	16	PINE
1938	18	CHERRY
1939	16	CHERRY
1940	14	PINE
1941	16	OAK
1942	10	CHERRY
1943	16	MAPLE
1944	12	OAK
1945	12	OAK
1946	10	CHERRY
1947	10	OAK
1948	14	PINE
1949	12	PINE
1950	18	PINE
1951	16	PINE
1952	12	ELM
1953	14	CHERRY
1954	14	PINE
1955	14	PINE
1956	12	CHERRY
1957	12	CHERRY
1958	14	PINE
1959	14	CHERRY
1960	12	CHERRY
1961	14	OAK
1962	16	OAK
1963	16	ELM
1964	14	MAPLE
1968	14	PINE
1969	14	PINE
1970	14	PINE
1971	14	PINE
1972	16	TWIN CHERRY
1973	12	CHERRY
1974	12	CHERRY

TAG NO.	DBH (INCHES)	TYPE
1975	12	PINE
1976	14	PINE
1977	14	PINE
1978	12	TWIN CHERRY
1979	16	OAK
1980	12	TWIN CHERRY
1981	16	PINE
1982	12	TWIN PINE
1983	12	PINE
1984	12	PINE
1985	12	PINE
1986	15	PINE
1987	14	CHERRY
1988	14	PINE
1989	14	PINE
1990	16	TWIN CHERRY
1991	12	OAK
1992	14	PINE
1993	14	PINE
1994	14	PINE
1995	12	PINE
1996	12	PINE
1997	12	PINE
1998	12	PINE
1999	14	PINE
2000	14	PINE

STORM SCHEDULE

No.	TYPE	RIM	INVERTS				
5257	RND CB	883.89	12" N 875.54	12" E 875.54	12" W 879.09		
5304	RND CB	880.05	8" N 876.90	12" W 872.15	15" NE 872.35		
5357	RND CB	879.55	8" NW 877.05	8" S 877.75	4" E 878.40		
5418	RND CB	879.24	24" SE 870.64	OFFSET CAN'T SEE OTHER PIPES			
5513	RND CB	878.27	12" N 872.52	18" SE 872.17	8" SE 875.22		
5667	RND CB	881.40	12" S 876.40	12" SE 877.25			
5794	RND CB	879.89	12" SW 871.49	12" S 871.44			
5799	RND CB	880.94	6" N 879.84				
5856	RND CB	879.91	24" S 868.21	LID WELDED SHUT, CAN'T SEE OTHER PIPES			
5946	RND CB	880.39	6" S 879.24	6" E 879.19			
6092	RND CB	879.87	8" NW 877.87	6" W 878.67			
6224	YARD DRAIN	876.31	6" S 874.86				
6368	RND CB	867.12	15" NW 859.82	12" N 860.37	18" E 859.67		
6427	SQ. CB	887.70	12" N 882.95	12" W 883.30	12" SE 883.05		
6465	RND CB	876.49	8" SE 873.59	12" S 873.49			
6492	RND CB	866.38	8" SW 863.18	15" SE 862.28			
6638	RND CB	864.43	12" S 861.23				
6759	SQ. CB	881.14	12" ME 875.14				
6891	SQ. CB	884.02	12" NE 875.42				
6902	SQ. CB	883.86	12" E 877.26	883.86	883.86	883.86	883.86
7058	SQ. CB	881.94	FULL OF DEBRIS				
7151	SQ. CB	879.54	12" NE 873.64	12" SW 873.69			
7176	SQ. CB	882.05	T/WATER 873.75				
7312	SQ. CB	877.06	24" SE 867.66	12" SW CANT SEE	12"? NW 867.66	STRUCTURE IS OFFSET	
7335	SQ. CB	878.57	24" N 867.17	STRUCTURE OFFSET AND LID WELDED			
7471	SQ. CB	870.21	870.21	870.21	870.21	870.21	870.21
7525	MH	864.06	864.06	864.06	864.06	864.06	864.06

No.	TYPE	RIM	INVERTS				
7598	RND CB	876.02	24" SE 869.67	OFFSET STRUCTURE, CAN'T SEE OTHER PIPES 876.02	876.02	876.02	876.02
7605	RND CB	875.93	OFFSET, CAN'T SEE PIPES 875.93	875.93	875.93	875.93	875.93
7652	RND CB	876.65	12" S 870.50	12" NE 870.45	6" E 874.85		
7658	RND CB	876.63	12" N 871.13				
7717	RND CB	874.11	6" N 870.11	6" E 870.56	6" S 870.06	6" W 870.46	
7720	RND CB	872.58	24" S 867.38	8" NE 871.08	OFFSET, CANT SEE OTHER PIPES		
7725	RND CB	872.59	24" N 866.59	24" S 866.54			
7730	RND CB	872.60	24" E 859.60	OFFSET STRUCTURE, CAN'T SEE OTHER PIPES			
7767	YARD DRAIN	873.80	6" E-W 871.90				
7832	SQ. CB	865.22	865.22	865.22	865.22	865.22	865.22
8090	SQ. CB	864.30	864.30	864.30	864.30	864.30	864.30
8200	SQ. CB	862.90	862.90	862.90	862.90	862.90	862.90
9036	SQ. CB	887.12	8" N 884.12	12" SW 883.62			
9044	RND CB	887.02	12" NE 883.17	12" S 882.92			
9054	RND CB	886.86	12" N 882.16	12" S 882.01			
9065	RND CB	886.92	12" N 881.42	15" S 881.07			
9073	RND CB	886.98	15" N 880.58	15" SE 880.48			
9080	RND CB	886.90	15" NW 880.00	15" E 880.10			
9089	RND CB	886.98	15" E 879.78	15" W 879.83			
9096	RND CB	886.98	15" W 879.03	18" E 878.58			
9107	RND CB	886.98	18" W 878.28	18" NE 878.13			
9343	MH	888.45	24" E 870.15	24" W 874.19			
9901	6' DIA OCS	861.14	861.14	861.14	861.14	861.14	861.14

Know what's **below.**
Call before you dig.

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R i
Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Existing Conditions

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

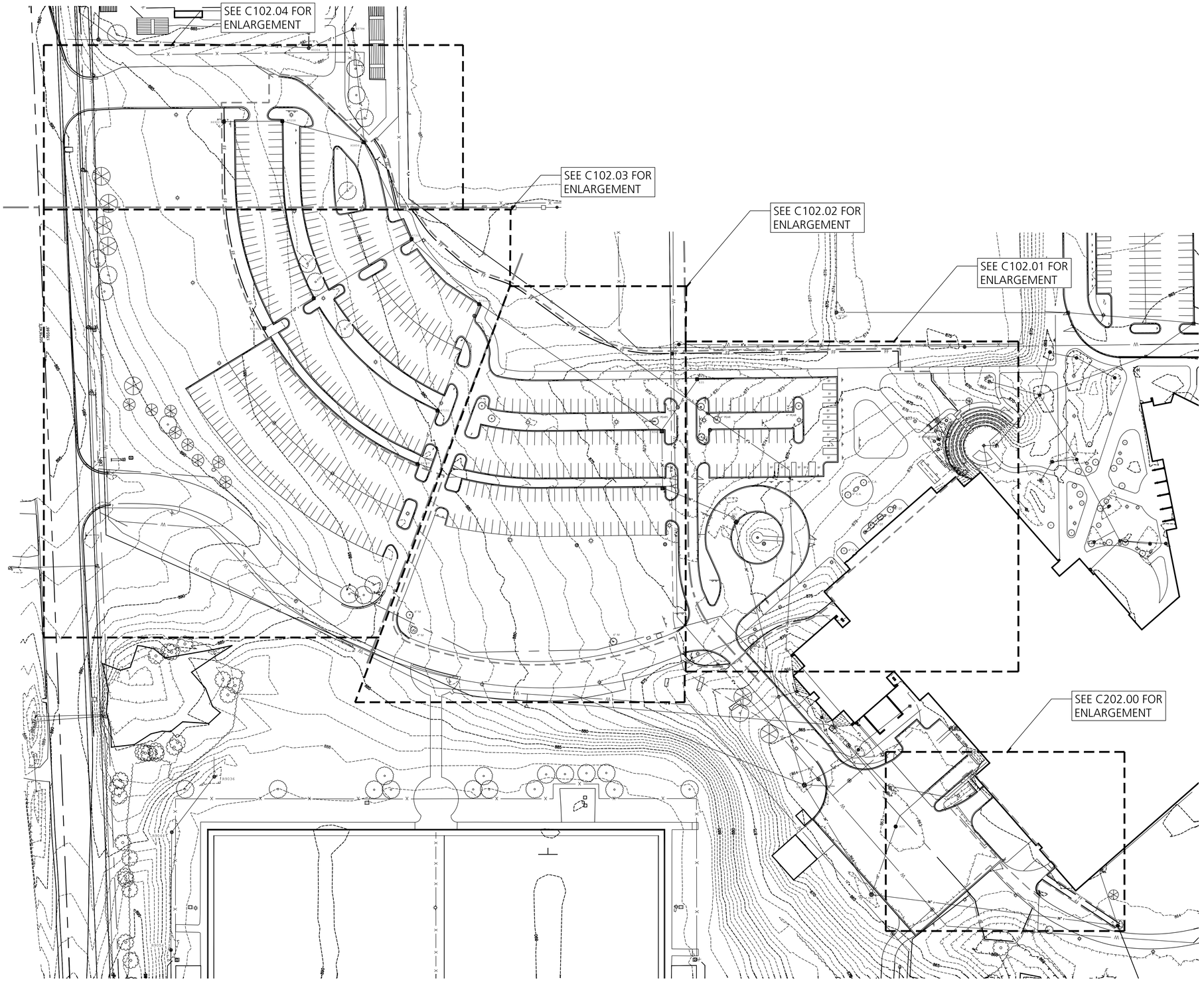
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C101.05



MDTMB SESC LEGEND

NOTE: SEE SPECIFICATIONS FOR WRITTEN DESCRIPTION INSTALLATION AND MAINTENANCE.

S51 — MTDMB SILT FENCE KEY SYSTEM: USE ADJACENT TO CRITICAL AREAS, TO PREVENT SEDIMENT LADEN SHEET FLOW FROM ENTERING THESE AREAS.

S53 — MTDMB STABILIZED CONSTRUCTION ACCESS KEY SYSTEM: USED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. ALL CONSTRUCTION ACCESS POINTS ARE NEW, IF NEEDED.

S58 — MTDMB INLET PROTECTION FABRIC DROP SYSTEM: USE AT STORMWATER INLETS, ESPECIALLY AT CONSTRUCTION SITES

E8 — MTDMB PERMANENT SEEDING / SODDED KEY SYSTEM: STABILIZATION METHOD UTILIZED ON SITES WHERE EARTH CHANGE HAS BEEN COMPLETED (FINAL GRADING ATTAINED) (REFERENCE SHEET L101.00 LANDSCAPE PLAN FOR PERMANENT SEEDING LOCATIONS.)

LIMIT OF DISTURBANCE

SOIL EROSION CONTROL NOTES

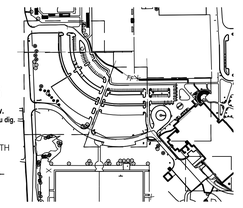
1. THIS PROJECT MUST BE CONSTRUCTED IN COMPLIANCE WITH PART 91 OF MICHIGAN NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT 451 OF 1994, AS AMENDED, THE SOIL EROSION AND SEDIMENT CONTROL ACT.
2. PRIOR TO CONSTRUCTION A SOIL EROSION PERMIT SHALL BE OBTAINED FROM WASHTENAW COUNTY WATER RESOURCES COMMISSIONER. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS & FEES - ALLOW ADEQUATE TIME FOR OBTAINING PERMITS.
3. PRIOR TO ANY SITE DISTURBANCE, INCLUDING DEMOLITION, CONTRACTOR SHALL PLACE EROSION CONTROL MEASURES ON ALL EXISTING STORM SEWER STRUCTURES AFFECTED BY WORK IN THIS CONTRACT. SUCH EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT MEASURES ARE IN PLACE.
4. CONTRACTOR SHALL PLACE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED AND SHOWN ON PLANS.
5. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EROSION CONTROL MEASURES AS REQUIRED BY STATE AND LOCAL GOVERNING AUTHORITIES.
6. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL MEASURES. ANY NECESSARY REPAIRS SHALL BE MADE WITHOUT DELAY.
7. ALL EROSION AND SEDIMENT RESULTING FROM WORK ON SITE SHALL BE CONTAINED ON SITE AND NOT ALLOWED TO COLLECT IN ANY OFF-SITE AREAS OR WATERWAYS. WATERWAYS INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, RIVERS, OR PONDS.
8. CONTRACTOR SHALL PLACE TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED AND SHOWN ON PLANS.
9. CONTRACTOR SHALL PLACE INLET FILTER PROTECTION ON ALL STORM STRUCTURES AFFECTED BY THIS PROJECT.
10. ALL TEMPORARY SEDIMENT BASINS USED DURING CONSTRUCTION SHALL BE CLEANED AND ALL SEDIMENT LEGALLY DISPOSED OF PRIOR TO STABILIZATION. REMOVAL OF ALL FINES AND SEDIMENT IS CRITICAL IN AREAS WHERE INFILTRATION PRACTICES SHALL BECOME PERMANENT BEST MANAGEMENT PRACTICE.
11. CONTRACTOR SHALL CLEAN DEBRIS FROM STREETS AND PARKING LOTS ON A DAILY BASIS AS NEEDED. STREETS SHALL BE SWEPT WEEKLY.

SESC PROJECT DATA

PARCEL I.D.:
H-08-07-200-009
LEGAL DESCRIPTION:
BEG AT W 1/4 POST OF SEC 7, TH N 01-26-41 W 81.06 FT, TH N 01-42-24 1703.70 FT, TH N 89-06-36 E 361.00 FT, TH N 01-42-24 W 311.17 FT, TH N 89-06-36 E 700.00 FT TH S 01-42-24 E 311.17 FT, TH N 89-06-36 E 280.00 FT, TH N 01-42-24 W 311.17 FT, TH N 89-06-36 E 174.91 FT, TH N 88-57-00 E 431.00 FT TO MEANDER PT NO. 1 [TH ON TRAVERSE LINES 1) S 26-31-01 W 37.23 FT TO MEANDER PT NO. 2 & 2) S 14-40-43 E 2129.29 FT], TH S 89-12-23 E 7.5 FT TO MEANDER PT NO. 3, TH S 89-12-23 W 2407.77 FT TO THE POB. PT NW FRL 1/4 SEC 7, T2S-R5E
PARCEL SIZE: 97.42 ACRES
DISTURBED AREA: 5.47 ACRES
DISTANCE TO WATER OF THE STATE: 1100FT, MILL CREEK

SOIL INFORMATION:
NATURAL RESOURCES CONSERVATION SERVICE SOIL SURVEY INDICATED THAT THE SITE IS COMPRISED OF CONOVER LOAM, 0 TO 4 PERCENT SLOPES (CoB), BROOKSTON LOAM (Br), WAWASEE LOAM, 2 TO 6 PERCENT SLOPES (WawabB), AND SPINKS LOAMY SAND, 0 TO 6 PERCENT SLOPES (SpB). THE SOIL DESCRIPTION INDICATES THE SOIL IS LARGELY COMPRISED OF LOAMY SAND AND IS WELL DRAINED.

KEY PLAN



Know what's below. Call before you dig.

NORTH

SCALE: 1" = 50'

0 25 50 100 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ⓘ
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Soil Erosion and Sedimentation Control - Overall

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C102.00

MDTMB SESC LEGEND

NOTE: SEE SPECIFICATIONS FOR WRITTEN DESCRIPTION INSTALLATION AND MAINTENANCE.

S51 — MTDMB SILT FENCE KEY SYSTEM: USE ADJACENT TO CRITICAL AREAS, TO PREVENT SEDIMENT LADEN SHEET FLOW FROM ENTERING THESE AREAS.

S53 — MTDMB STABILIZED CONSTRUCTION ACCESS KEY SYSTEM: USED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. ALL CONSTRUCTION ACCESS POINTS ARE NEW, IF NEEDED.

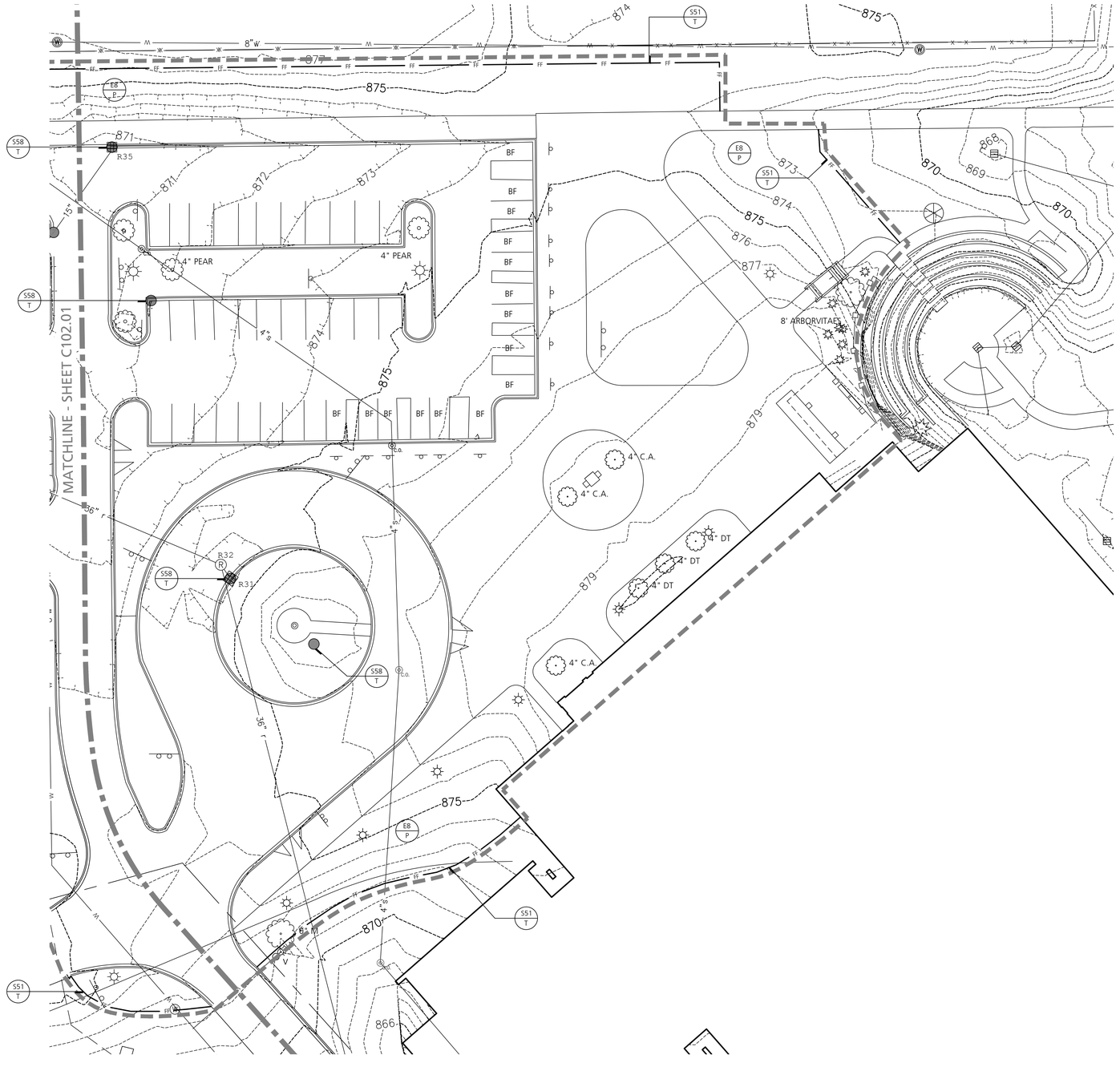
S58 — MTDMB INLET PROTECTION FABRIC DROP SYSTEM: USE AT STORMWATER INLETS, ESPECIALLY AT CONSTRUCTION SITES

E8 — MTDMB PERMANENT SEEDING / SODDED KEY SYSTEM: STABILIZATION METHOD UTILIZED ON SITES WHERE EARTH CHANGE HAS BEEN COMPLETED (FINAL GRADING ATTAINED) (REFERENCE SHEET L101.00 LANDSCAPE PLAN FOR PERMANENT SEEDING LOCATIONS.)

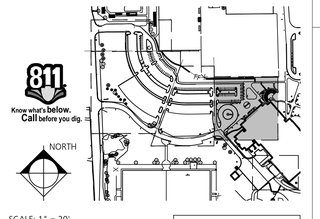
LIMIT OF DISTURBANCE

SESC NOTES

SEE C102.00 FOR SESC NOTES.



KEY PLAN



Know what's below. Call before you dig. 811

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ∫
Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Soil Erosion and Sedimentation Control - Enlargement

ISSUE DATES

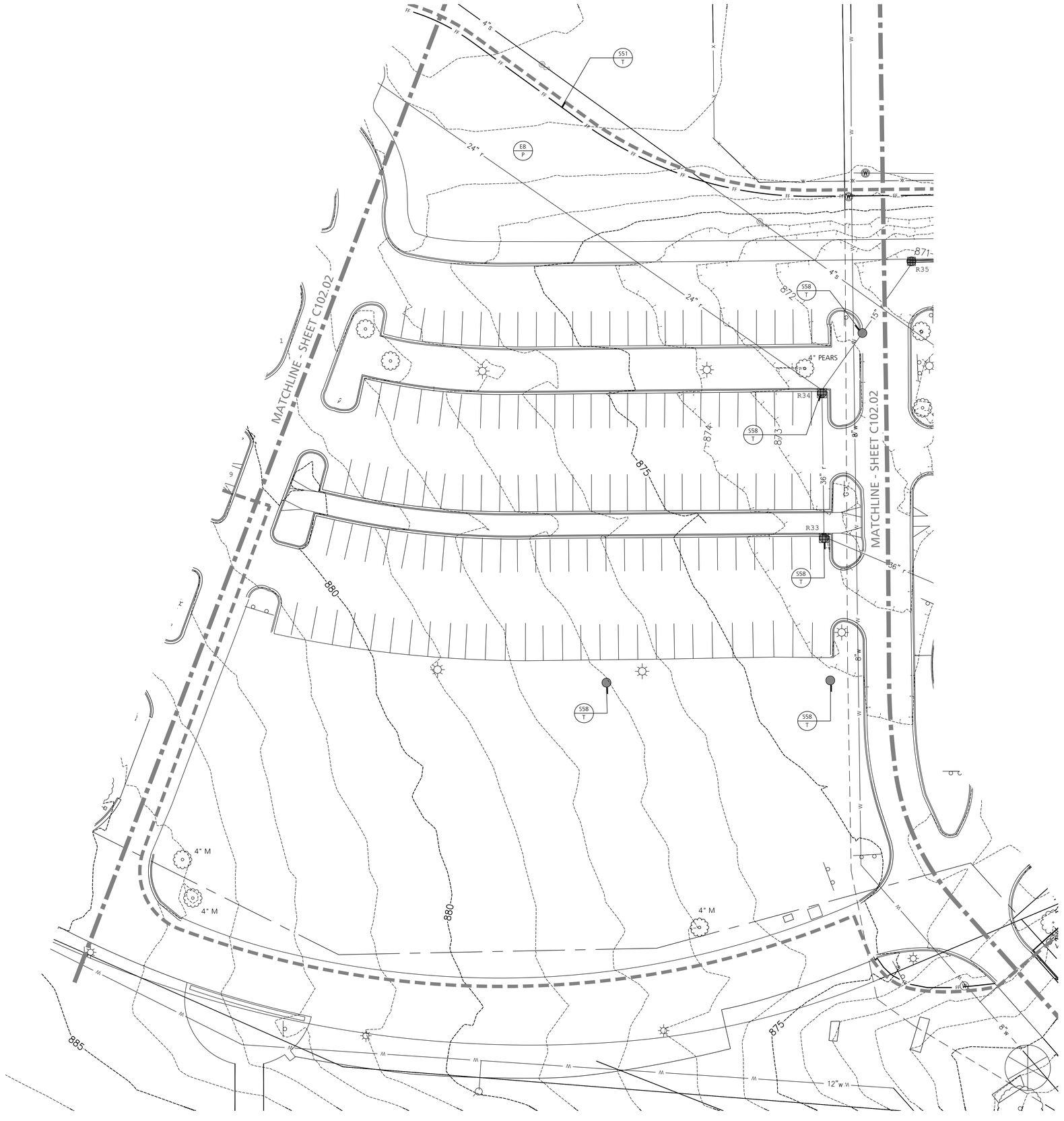
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C102.01



MDTMB SESC LEGEND

NOTE: SEE SPECIFICATIONS FOR WRITTEN DESCRIPTION INSTALLATION AND MAINTENANCE.

S51 — MTDMB SILT FENCE KEY SYSTEM: USE ADJACENT TO CRITICAL AREAS, TO PREVENT SEDIMENT LADEN SHEET FLOW FROM ENTERING THESE AREAS.

S53 — MTDMB STABILIZED CONSTRUCTION ACCESS KEY SYSTEM: USED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. ALL CONSTRUCTION ACCESS POINTS ARE NEW, IF NEEDED.

S58 — MTDMB INLET PROTECTION FABRIC DROP SYSTEM: USE AT STORMWATER INLETS, ESPECIALLY AT CONSTRUCTION SITES

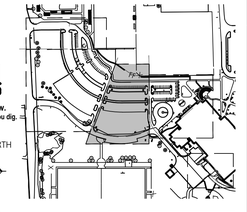
E8 — MTDMB PERMANENT SEEDING / SODDED KEY SYSTEM: STABILIZATION METHOD UTILIZED ON SITES WHERE EARTH CHANGE HAS BEEN COMPLETED (FINAL GRADING ATTAINED) (REFERENCE SHEET L101.00 LANDSCAPE PLAN FOR PERMANENT SEEDING LOCATIONS.)

LIMIT OF DISTURBANCE

SESC NOTES

SEE C102.00 FOR SESC NOTES.

KEY PLAN



Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R i
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Soil Erosion and Sedimentation Control - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C102.02



MDTMB SESC LEGEND

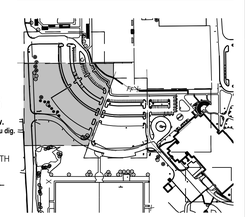
NOTE: SEE SPECIFICATIONS FOR WRITTEN DESCRIPTION INSTALLATION AND MAINTENANCE.

- S51 — MTDMB SILT FENCE KEY SYSTEM: USE ADJACENT TO CRITICAL AREAS, TO PREVENT SEDIMENT LADEN SHEET FLOW FROM ENTERING THESE AREAS.
- S53 — MTDMB STABILIZED CONSTRUCTION ACCESS KEY SYSTEM: USED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. ALL CONSTRUCTION ACCESS POINTS ARE NEW, IF NEEDED.
- S58 — MTDMB INLET PROTECTION FABRIC DROP SYSTEM: USE AT STORMWATER INLETS, ESPECIALLY AT CONSTRUCTION SITES
- E8 — MTDMB PERMANENT SEEDING / SODDED KEY SYSTEM: STABILIZATION METHOD UTILIZED ON SITES WHERE EARTH CHANGE HAS BEEN COMPLETED (FINAL GRADING ATTAINED) (REFERENCE SHEET L101.00 LANDSCAPE PLAN FOR PERMANENT SEEDING LOCATIONS.)
- LIMIT OF DISTURBANCE

SESC NOTES

SEE C102.00 FOR SESC NOTES.

KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Soil Erosion and Sedimentation Control - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C102.03

MDTMB SESC LEGEND

NOTE: SEE SPECIFICATIONS FOR WRITTEN DESCRIPTION INSTALLATION AND MAINTENANCE.

S51 — MTDMB SILT FENCE KEY SYSTEM: USE ADJACENT TO CRITICAL AREAS, TO PREVENT SEDIMENT LADEN SHEET FLOW FROM ENTERING THESE AREAS.

S53 — MTDMB STABILIZED CONSTRUCTION ACCESS KEY SYSTEM: USED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. ALL CONSTRUCTION ACCESS POINTS ARE NEW, IF NEEDED.

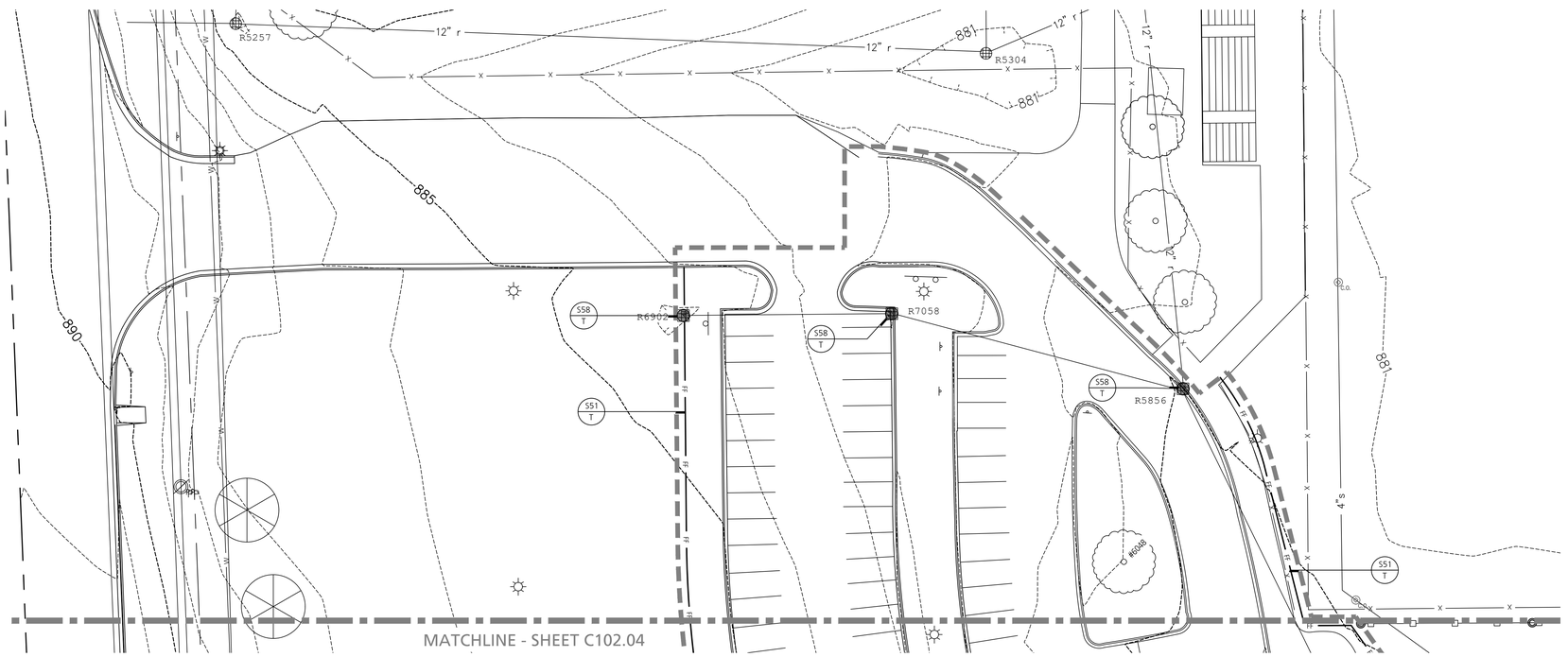
S58 — MTDMB INLET PROTECTION FABRIC DROP SYSTEM: USE AT STORMWATER INLETS, ESPECIALLY AT CONSTRUCTION SITES

E8 — MTDMB PERMANENT SEEDING / SODDED KEY SYSTEM: STABILIZATION METHOD UTILIZED ON SITES WHERE EARTH CHANGE HAS BEEN COMPLETED (FINAL GRADING ATTAINED) (REFERENCE SHEET L101.00 LANDSCAPE PLAN FOR PERMANENT SEEDING LOCATIONS.)

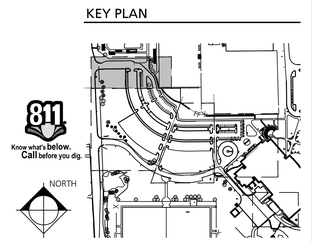
LIMIT OF DISTURBANCE

SESC NOTES

SEE C102.00 FOR SESC NOTES.



KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Soil Erosion and Sedimentation Control - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

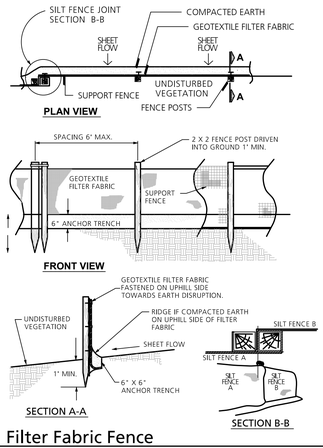
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

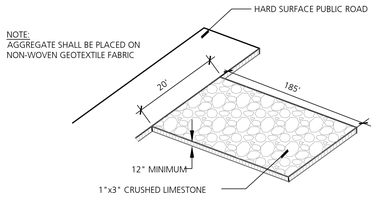
25026D

DRAWING NO.

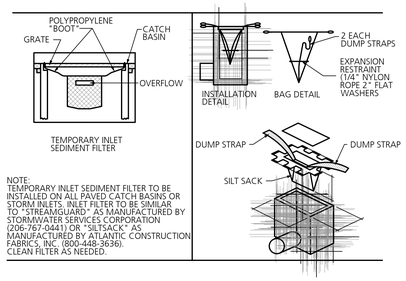
C102.04



S51 T Filter Fabric Fence
NO SCALE



S53 T Gravel Construction Entry
NO SCALE



S58 T Inlet Filter
NO SCALE

TEMPORARY SESC CONTROLS MAINTENANCE SCHEDULE
(DURING CONSTRUCTION BY CONTRACTOR)

TASK	COMPONENT: STORM SEWER SYSTEM	CATCH BASIN SUMPS AND TRENCH DRAINS	TREATMENT UNITS	CATCH BASIN INLET CASTINGS	VEGETATIVE SWALE	SCHEDULE
INSPECT FOR SEDIMENT ACCUMULATION	X	X	X	X	X	WEEKLY
REMOVAL OF SEDIMENT ACCUMULATION	X	X	X	X	X	AS NEEDED AND PRIOR TO TURNOVER
INSPECT FOR FLOATABLES AND DEBRIS	X	X	X	X	X	QUARTERLY AND AT TURNOVER
REMOVAL OF FLOATABLES AND DEBRIS	X	X	X	X	X	QUARTERLY AND AT TURNOVER
INSPECT FOR EROISION	X	X	X	X	X	AS NEEDED AND PRIOR TO TURNOVER
RE-ESTABLISH VEGETATION	X	X	X	X	X	AS NEEDED AND PRIOR TO TURNOVER
CLEANING STREETS/PAVEMENT	X	X	X	X	X	AS NEEDED
VACUUM TO REMOVE SEDIMENT	X	X	X	X		AS NEEDED AND PRIOR TO TURNOVER
MOWING AND/OR PLANTING MAINTENANCE					X	AS NEEDED AND PRIOR TO TURNOVER
INSPECT STRUCTURAL ELEMENTS DURING WET WEATHER AND COMPARE TO AS-BUILT PLANS (BY PROFESSIONAL ENGINEER)	X	X	X	X	X	ANNUALLY AND PRIOR TO TURNOVER
MAKE ADJUSTMENTS OR REPLACEMENTS AS DETERMINED BY PRE-TURNOVER INSPECTION	X	X	X	X	X	AS NEEDED

PERMANENT SESC CONTROLS MAINTENANCE SCHEDULE
(POST CONSTRUCTION BY OWNER)

TASK	COMPONENT: STORM SEWER SYSTEM	CATCH BASIN SUMPS AND TRENCH DRAINS	TREATMENT UNITS	CATCH BASIN INLET CASTINGS	VEGETATIVE SWALE	SCHEDULE
INSPECT FOR SEDIMENT ACCUMULATION	X	X	X	X	X	ANNUALLY AT A MINIMUM
REMOVAL OF SEDIMENT ACCUMULATION	X	X	X	X	X	AS NEEDED
INSPECT FOR FLOATABLES AND DEBRIS	X	X	X	X	X	ANNUALLY AT A MINIMUM
REMOVAL OF FLOATABLES AND DEBRIS	X	X	X	X	X	AS NEEDED
INSPECT FOR EROSION	X	X	X	X	X	AS NEEDED AND PRIOR TO TURNOVER
RE-ESTABLISH VEGETATION	X	X	X	X	X	AS NEEDED AND PRIOR TO TURNOVER
CLEANING STREETS/PAVEMENT						AS NEEDED
VACUUM TO REMOVE SEDIMENT	X	X	X	X		ANNUALLY AT A MINIMUM
MOWING AND/OR PLANTING MAINTENANCE					X	AS NEEDED
INSPECT STRUCTURAL ELEMENTS DURING WET WEATHER AND COMPARE TO AS-BUILT PLANS (BY PROFESSIONAL ENGINEER)	X	X	X	X	X	ANNUALLY

CONSTRUCTION SEQUENCE

CONSTRUCTION SEQUENCE	OPERATION TIME SCHEDULE 2026							OPERATION TIME SCHEDULE 2027						
	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY
TEMPORARY CONTROL MEASURES														
TREE REMOVAL & STUMP GRINDING														
TOPSOIL / SEDIMENT CONTROL														
SITE UTILITIES														
TEMPORARY ACCESS														
PERMANENT CONTROL MEASURES														
FOUNDATION / BUILDING CONSTRUCTION														
SITE CONSTRUCTION														
FINISH GRADING														
SEEDING AND EROSION BLANKETS														

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R I Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Soil Erosion and Sedimentation Control - Detail

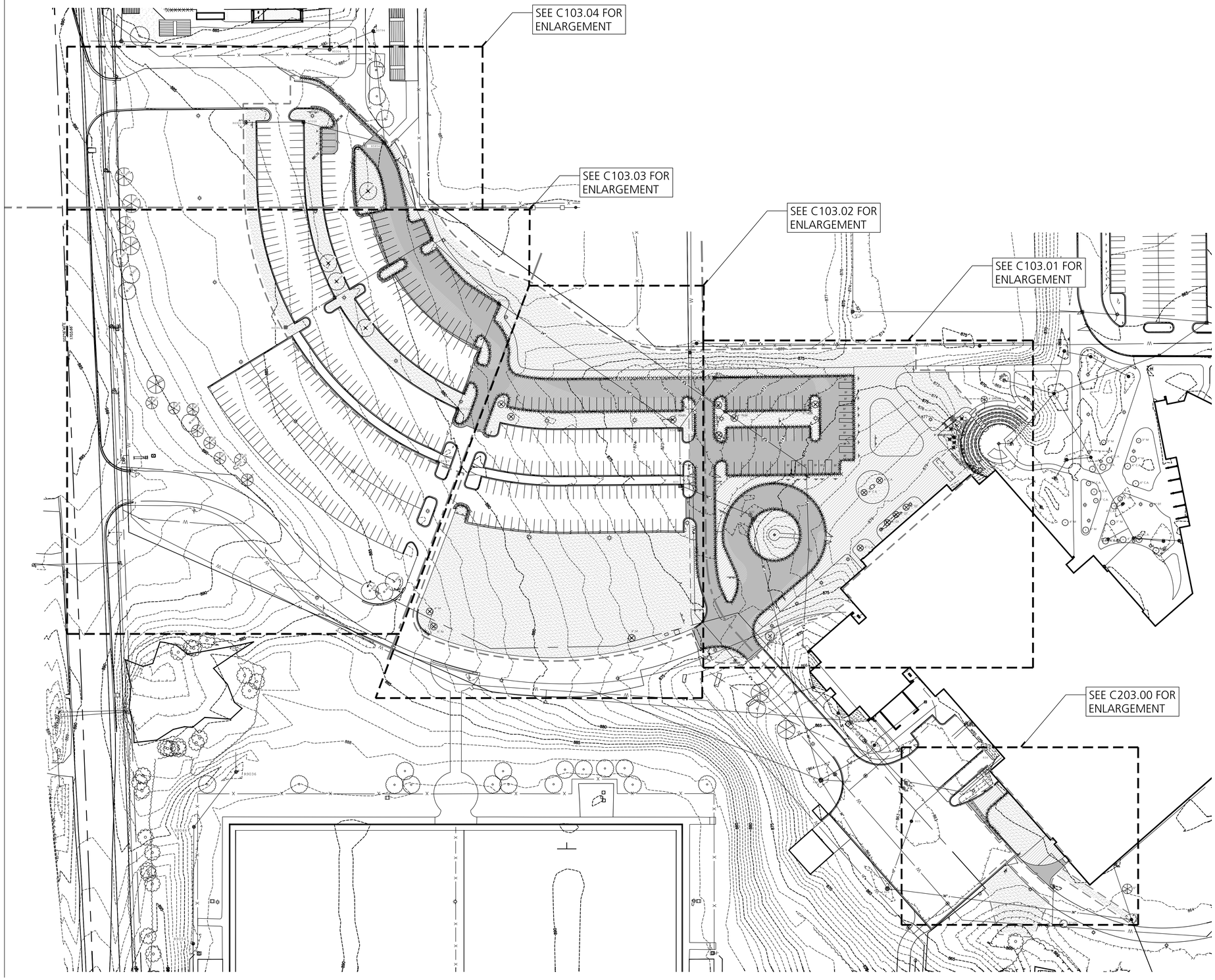
ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.
25026D

DRAWING NO.
C102.05



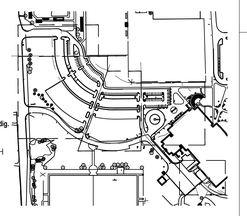
DEMOLITION LEGEND

- LIMIT OF DISTURBANCE
- FF — FILTER FABRIC FENCE
- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE LAWN
- XXXXXXXXXXXXXXXXXXXX REMOVE CURB & GUTTER
- SAWCUT LINE
- X REMOVE TREE
- (R) REMOVE ITEM
- (P) PROTECT ITEM
- (S) SALVAGE ITEM

DEMOLITION NOTES

1. CONTRACTOR SHALL CALL MISS DIG (811) A MINIMUM OF THREE WORKING DAYS PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL INVESTIGATE EXTENT AND LOCATION OF EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR PROTECTION AND RESTORATION OF SAME IF DAMAGED AS A RESULT OF CONTRACTOR'S OPERATIONS.
3. ALL ITEMS NOT INDICATED FOR REMOVAL SHALL REMAIN UNDISTURBED AND PROTECTED. CONTRACTOR SHALL FULLY RESTORE ANY ITEMS/MATERIALS DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
4. ALL CONCRETE PAVEMENT AND CURB REMOVALS SHALL BE TO THE NEAREST JOINT BEYOND INDICATED EXTENT.
5. CONTRACTOR SHALL MAINTAIN CLEAN SAW CUT EDGES FOR PROPOSED WORK TO ABUT. BROKEN EDGES RESULTING FROM CONTRACTOR'S FAILURE TO PROTECT THE EDGE WILL BE SAW CUT BEYOND THE BREAKS AT THE NEAREST JOINT, AT THE CONTRACTOR'S EXPENSE.
6. ALL REMOVALS SHALL BE SAW CUT FULL DEPTH AND COORDINATED WITH LAYOUT / GRADING PLANS.
7. REMOVALS SHALL INCLUDE SUBSOIL/EXISTING BASE MATERIALS TO FULL DEPTH REQUIRED FOR INSTALLATION OF NEW WORK INCLUDING BASE COURSE. ALL EXCAVATIONS SHALL PROVIDE ADEQUATE SOIL SUPPORT THROUGH THE USE OF ADEQUATE CUT SLOPES OR STRUCTURAL SHORING.
8. OWNER TO COORDINATE WITH RESPECTIVE UTILITY COMPANY FOR REMOVAL OF EXISTING TRANSFORMER, ELECTRICAL, CABLE, TELEPHONE AND FIBER OPTIC LINES.
9. PROJECT AREA IS PARTIALLY IRRIGATED. REMOVE EQUIPMENT AFFECTED BY NEW WORK AND SALVAGE TO OWNER. CUT, CAP AND RECORD LOCATIONS OF ALL LINES.
10. CONTRACTOR SHALL REPAIR ALL DISTURBED TURF AREAS OUTSIDE OF PROJECT LIMITS DAMAGED DURING CONSTRUCTION.
11. ALL TOPSOIL AND ORGANIC MATERIAL SHALL BE REMOVED FROM UNDER PROPOSED BUILDING, FOOTINGS, SLABS, AND PAVED AREAS.
12. ALL SPOIL MATERIAL, INCLUDING TOPSOIL, TO BE REMOVED OFF SITE AND DISPOSED IN A LEGAL MANNER.
13. CONTRACTOR TO RELOCATE TREE PROTECTION FENCE WITH LANDSCAPE ARCHITECT/ENGINEER'S APPROVAL IN ORDER TO ACCOMPLISH WORK.
14. LAWN AND TOPSOIL REMOVALS AROUND EXISTING TREES TO BE PERFORMED WITH EXTREME CARE. REMOVALS TO BE COMPLETED BY HAND. NO HEAVY EQUIPMENT ALLOWED BENEATH TREE CANOPY.
15. DISCHARGE OF WATER, DUST, OR DEBRIS FROM CONCRETE AND ASPHALT WORK TO STORM OR SANITARY SYSTEMS IS PROHIBITED.
16. STORM DRAINS MUST BE PROTECTED FROM DUST AND DEBRIS.
17. ANY WATER USED DURING CONCRETE AND ASPHALT WORK (INCLUDING SWEEPING AND SAWCUTTING) MUST BE CONTAINED AND COLLECTED FOR PROPER DISPOSAL. SUGGESTED CONTROLS INCLUDE WET VACUUM OR ABSORBENTS.
18. STAGING AREAS AND ACCESS TO BE DETERMINED BY CONSTRUCTION MANAGER.

KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 50'

0 25 50 100 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Demolition Plan - Overall

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

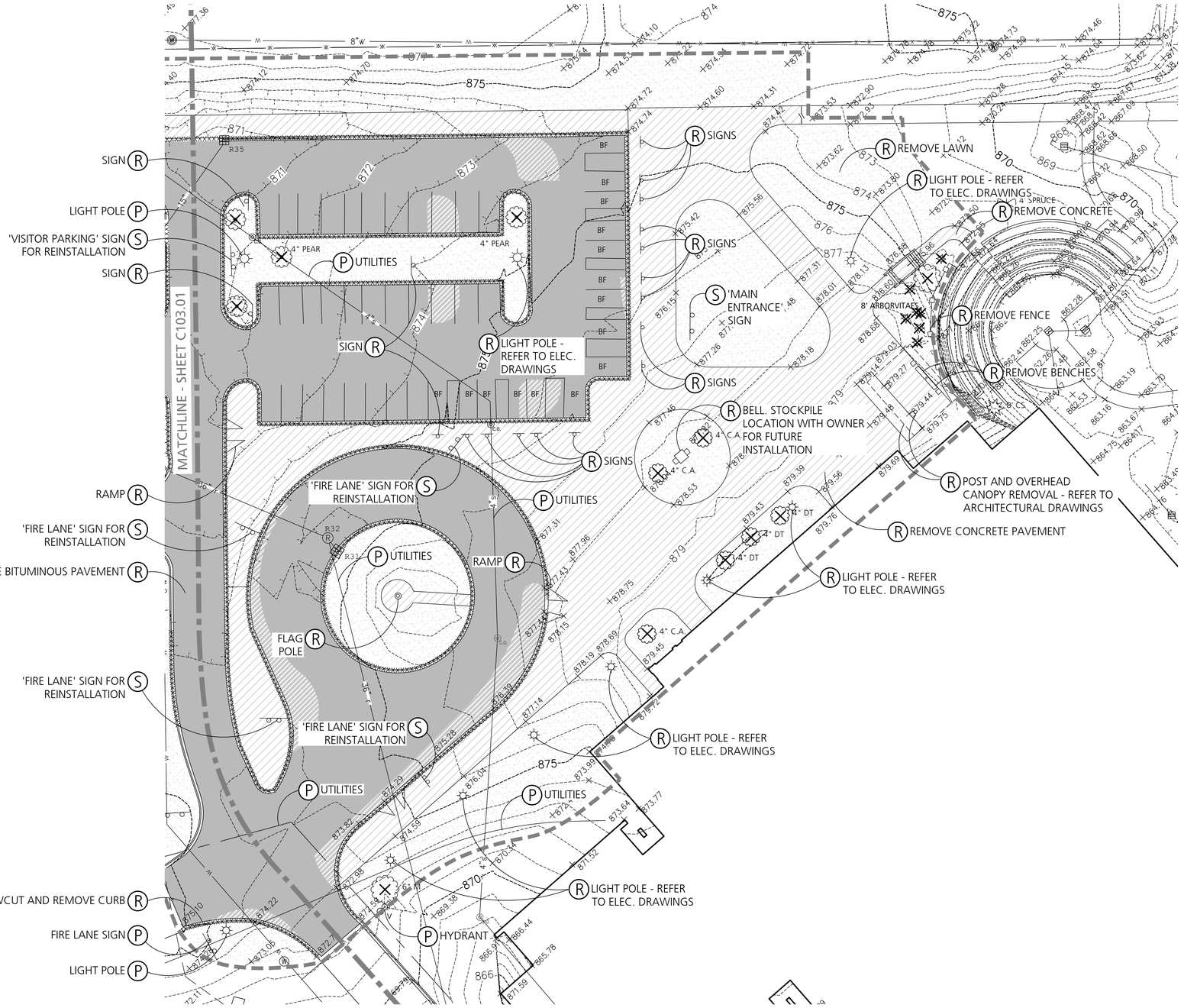
C103.00

DEMOLITION LEGEND

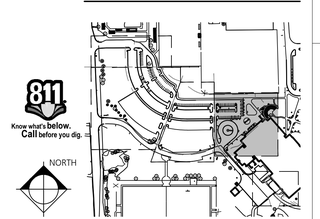
- LIMIT OF DISTURBANCE
- FF — FILTER FABRIC FENCE
- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE LAWN
- XXXXXXXXXXXXXXXXXXXX — REMOVE CURB & GUTTER
- SAWCUT LINE
- × — REMOVE TREE
- (R) — REMOVE ITEM
- (P) — PROTECT ITEM
- (S) — SALVAGE ITEM

DEMOLITION NOTES

SEE C103.00 FOR DEMOLITION NOTES.



KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R (i)
Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Demolition Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

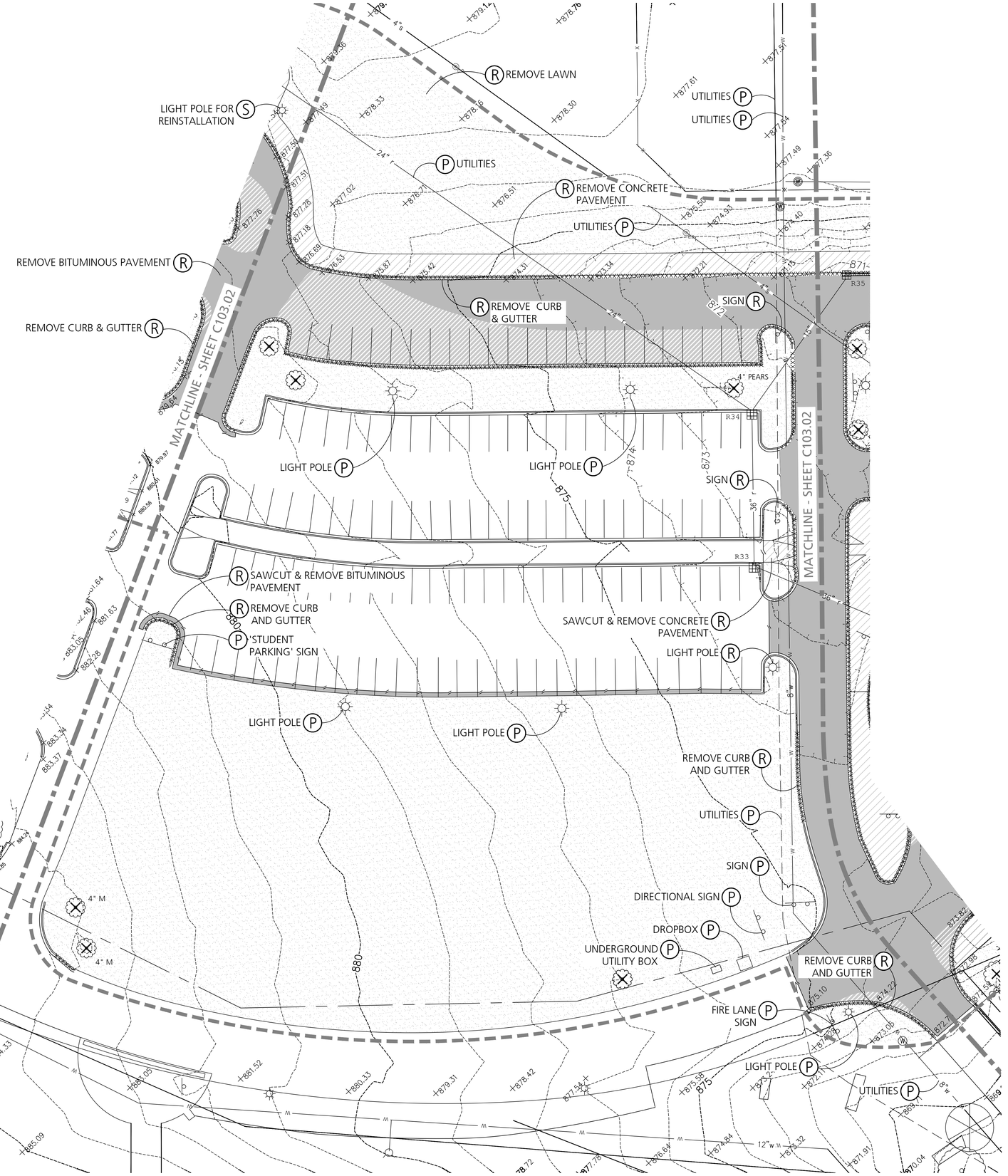
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C103.01



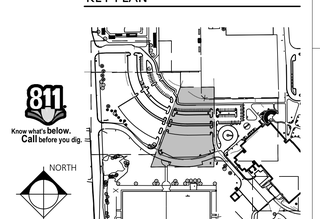
DEMOLITION LEGEND

- LIMIT OF DISTURBANCE
- FF FILTER FABRIC FENCE
- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE LAWN
- XXXXXXXXXXXXXXXXXXXX REMOVE CURB & GUTTER
- SAWCUT LINE
- × REMOVE TREE
- (R) REMOVE ITEM
- (P) PROTECT ITEM
- (S) SALVAGE ITEM

DEMOLITION NOTES

SEE C103.00 FOR DEMOLITION NOTES.

KEY PLAN



SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R (i)
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Demolition Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C103.02

MATCHLINE - SHEET C103.03

LIGHT POLE (P)

UTILITIES (P)

LIGHT POLE (P)

SAWCUT (R) BITUMINOUS PAVEMENT

REMOVE CONCRETE (R) PAVEMENT

UTILITIES (P)

SAWCUT & (R) REMOVE CURB

LIGHT POLE FOR (S) REINSTALLATION

SIGN (R)

UTILITIES (P)

SIGN (R)

LIGHT POLE (P)

LIGHT POLE (P)

SIGN (R)

(R) SAWCUT & REMOVE BITUMINOUS PAVEMENT

MATCHLINE - SHEET C103.03

S02°16'40"E 1703.66'

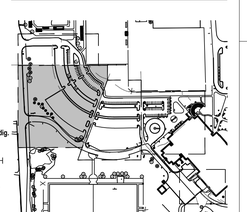
DEMOLITION LEGEND

- LIMIT OF DISTURBANCE
- FF FILTER FABRIC FENCE
- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE LAWN
- XXXXXXXXXXXXXXXXXXXX REMOVE CURB & GUTTER
- SAWCUT LINE
- REMOVE TREE
- (R) REMOVE ITEM
- (P) PROTECT ITEM
- (S) SALVAGE ITEM

DEMOLITION NOTES

SEE C103.00 FOR DEMOLITION NOTES.

KEY PLAN



Know what's below. Call before you dig. 811

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R (i) Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Demolition Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

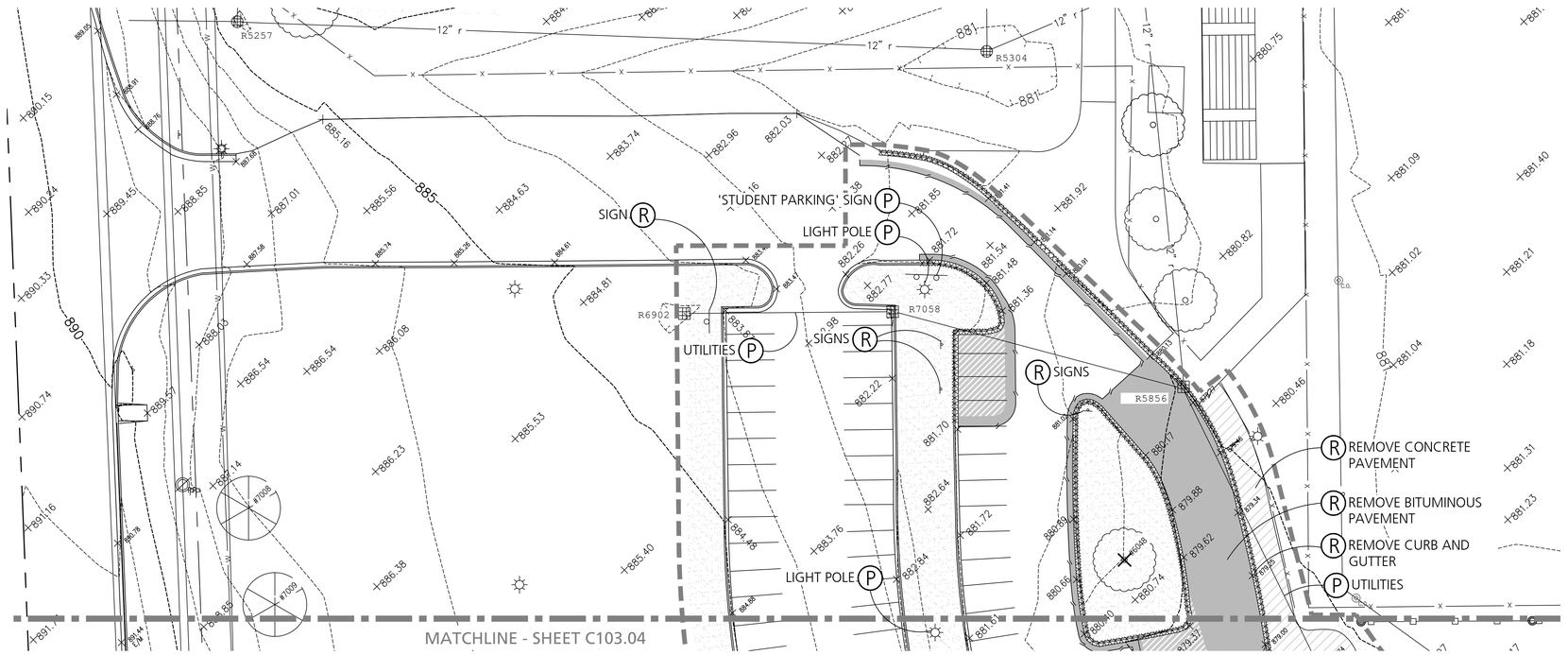
C103.03

DEMOLITION LEGEND

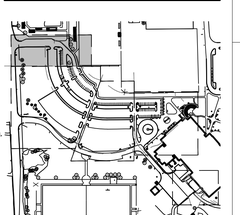
- LIMIT OF DISTURBANCE
- FF — FILTER FABRIC FENCE
- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE LAWN
- XXXXXXXXXXXXXXXXXXXX — REMOVE CURB & GUTTER
- SAWCUT LINE
- REMOVE TREE
- (R) REMOVE ITEM
- (P) PROTECT ITEM
- (S) SALVAGE ITEM

DEMOLITION NOTES

SEE C103.00 FOR DEMOLITION NOTES.



KEY PLAN



SCALE: 1" = 20'

0 10 20 40 FT

NORTH

811 Know what's below. Call before you dig.

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R (i) Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Demolition Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

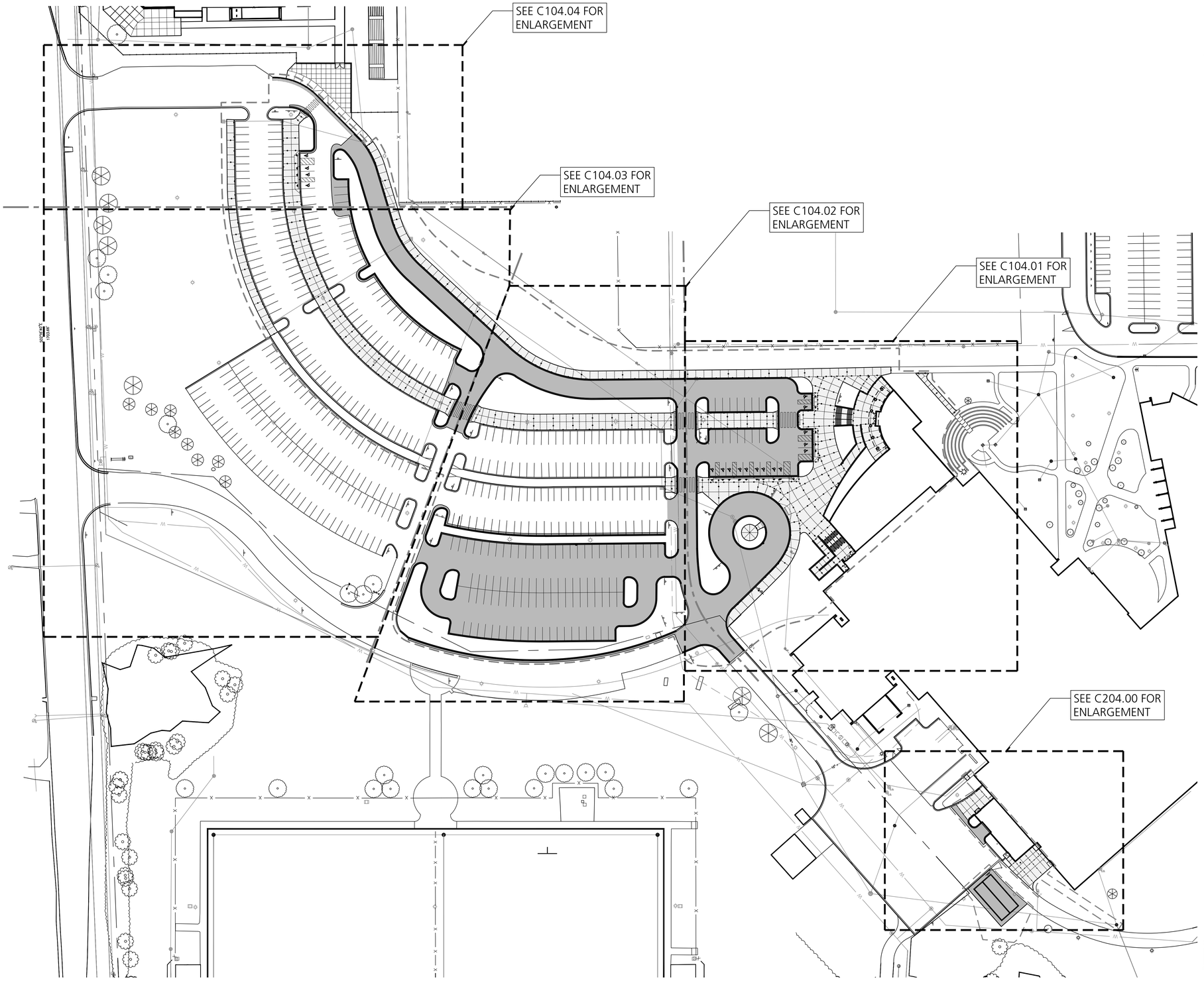
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C103.04



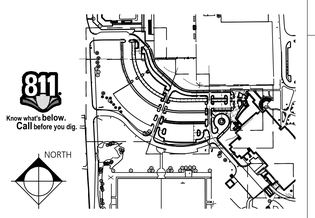
LAYOUT & MATERIALS LEGEND

- LIMIT OF DISTURBANCE
- PROPOSED BUILDING
- PROPOSED CONCRETE CURB & GUTTER
- PROPOSED WALL
- EXPANSION JOINT / CONTROL JOINT — H.D. CONCRETE PAVEMENT
- PROPOSED HEAVY DUTY BITUMINOUS PAVEMENT
- PROPOSED PEDESTRIAN LIGHT

LAYOUT & MATERIALS NOTES

1. CONTRACTOR SHALL CALL MISS DIG (811) A MINIMUM OF THREE WORKING DAYS PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL INVESTIGATE EXTENT AND LOCATION OF EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR PROTECTION AND RESTORATION OF SAME IF DAMAGED AS A RESULT OF CONTRACTOR'S OPERATIONS.
3. ALL PAVEMENT REMOVALS SHALL BE SAWCUT FULL DEPTH AND COORDINATED WITH LAYOUT & MATERIALS / GRADING PLANS. REMOVALS SHALL INCLUDE SUBSOIL/EXISTING BASE MATERIALS TO FULL DEPTH REQUIRED FOR INSTALLATION OF NEW WORK INCLUDING BASE COURSE, UNLESS OTHERWISE DIRECTED BY TESTING LAB OR LANDSCAPE ARCHITECT / ENGINEER.
4. ALL CONCRETE PAVEMENT REMOVALS SHALL BE TO NEAREST JOINT BEYOND INDICATED EXTENT.
5. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING ITEMS TO REMAIN. CONTRACTOR SHALL MAINTAIN CLEAN SAWCUT EDGES FOR PROPOSED WORK TO ABUT. BROKEN EDGES RESULTING FROM CONTRACTOR'S FAILURE TO PROTECT THE EDGE WILL BE SAWCUT BEYOND THE BREAKS AT THE CONTRACTOR'S EXPENSE.
6. ALL DIMENSIONS ARE TO BACK OF CURB, FACE OF STRUCTURE OR EDGE OF MATERIAL.
7. ALL LINES ARE PARALLEL OR PERPENDICULAR TO THE CURB/ PAVEMENT/ BUILDING/ STRUCTURE LINE FROM WHICH THEY ARE DIMENSIONS UNLESS OTHERWISE NOTED.
8. THE CONTRACTORS SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITY LINES AND NOTIFY "MISS DIG " 811 PRIOR TO EXCAVATING. THE CONTRACTOR WILL BE RESPONSIBLE TO REPAIR ANY UTILITY LINE DAMAGED BY CONSTRUCTION ACTIVITIES.
9. IF PLAN INFORMATION INDICATES AN EXISTING UNDERGROUND UTILITY IS OR WILL BE OUT OF SERVICE WITHIN THE LIMITS OF THIS CONTRACT, THE CONTRACTOR IS CAUTIONED TO TREAT SUCH A LINE AS IF IT WERE STILL IN SERVICE AND NOTIFY "MISS DIG" WHEN WORKING IN THE AREA OF THE OUT OF SERVICE FACILITY.
10. ALL WORK SHALL BE COMPLETED IN CONFORMANCE WITH CURRENT ADA STANDARDS. NON-CONFORMING WORK SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
11. ALL MATERIALS, EQUIPMENT AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS FOR CONSTRUCTION.
12. THE OMISSION OF ANY CURRENT STANDARD DETAIL DOES NOT RELIEVE THE CONTRACTORS OF THEIR OBLIGATION TO CONSTRUCT ITEMS IN COMPLETE ACCORDANCE WITH STANDARD SPECIFICATIONS.
13. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR INSTALLATION OF SESC CONTROL MATERIALS. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN INLET FILTER BAGS ON ALL STORM WATER INLETS IN THE VICINITY OF THE PROJECT SITE WHICH MAY RECEIVE STORM WATER RUNOFF FROM THE SITE. THE CONTRACTOR SHALL REMOVE THE INLET FILTER BAGS AT THE CONCLUSION OF THE PROJECT WORK.
14. ALL BARRICADES AND TRAFFIC CONTROL REQUIRED SHALL BE PROVIDED BY THE CONTRACTOR. ALL BARRICADES SHALL HAVE A BOTTOM RAIL WITHIN 3 TO 6 INCHES ABOVE GRADE WITHIN PEDESTRIAN PATHS OF TRAVEL TO NOTIFY PEDESTRIANS WITH CANES OF THE OBSTRUCTION.
15. CONTRACTOR SHALL PROVIDE A PEDESTRIAN DETOUR IN ALL INSTANCES WHERE A SIDEWALK WIDTH IS CLOSED OR REDUCED TO LESS THAN 5 FEET IN WIDTH. THIS INCLUDES BUT NOT LIMITED TO BARRICADES, SIDEWALK CLOSED, DETOUR ARROWS AS OUTLINED IN THE MMUTCD.
16. MATERIAL TESTING WILL BE PROVIDED BY A 3RD PARTY HIRED BY OWNER. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL MATERIAL TESTING.
17. NO EQUIPMENT OR VEHICLES MAY BE PARKED IN LAWN OR LANDSCAPED AREAS WITHOUT PRIOR APPROVAL BY THE OWNER.
18. NO STORAGE OF MATERIALS, PARKING, OR DRIVING IS ALLOWED WITHIN THE LIMITS OF TREE CANOPIES.
19. EGRESS TO BUILDINGS SHALL BE MAINTAINED AT ALL TIMES - WORK WITH PROJECT MANAGER TO COORDINATE ANY LOCATIONS WHERE WORK WILL CUT OFF BUILDING ACCESS.
20. MAINTAIN VISIBILITY AND ACCESS TO FIRE HYDRANTS AND BUILDING FIRE DEPARTMENT CONNECTION LOCATIONS.
21. GOOD HOUSEKEEPING PRACTICES MUST BE EMPLOYED AT THE JOB SITE. MINIMIZE DUST.
22. ALL DISTURBED LANDSCAPE / GRASS AREAS SHALL BE RESTORED BY THE CONTRACTOR BY INSTALLING A MINIMUM OF 4" OF TOP SOIL.
23. ALL BROKEN ASPHALT, CONCRETE, AND DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY REMOVED FROM THE SITE PRIOR TO THE COMPLETION OF THE CONTRACT. NO STOCK PILING WILL BE ALLOWED ON SITE.
24. SEQUENCING OF WORK IS TO BE APPROVED BY PROJECT MANAGER PRIOR TO STARTING CONSTRUCTION.
25. FOLLOWING LAYOUT OF ALL MATERIALS, CONTRACTOR SHALL REVIEW WITH OWNERS REP.
26. ANY DISCREPANCIES IN THE LAYOUT PLAN SHOULD BE IMMEDIATELY REPORTED TO OWNERS REP.

KEY PLAN



Know what's below. Call before you dig. 811

NORTH

SCALE: 1" = 50'

0 25 50 100 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Layout & Materials Plan - Overall

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

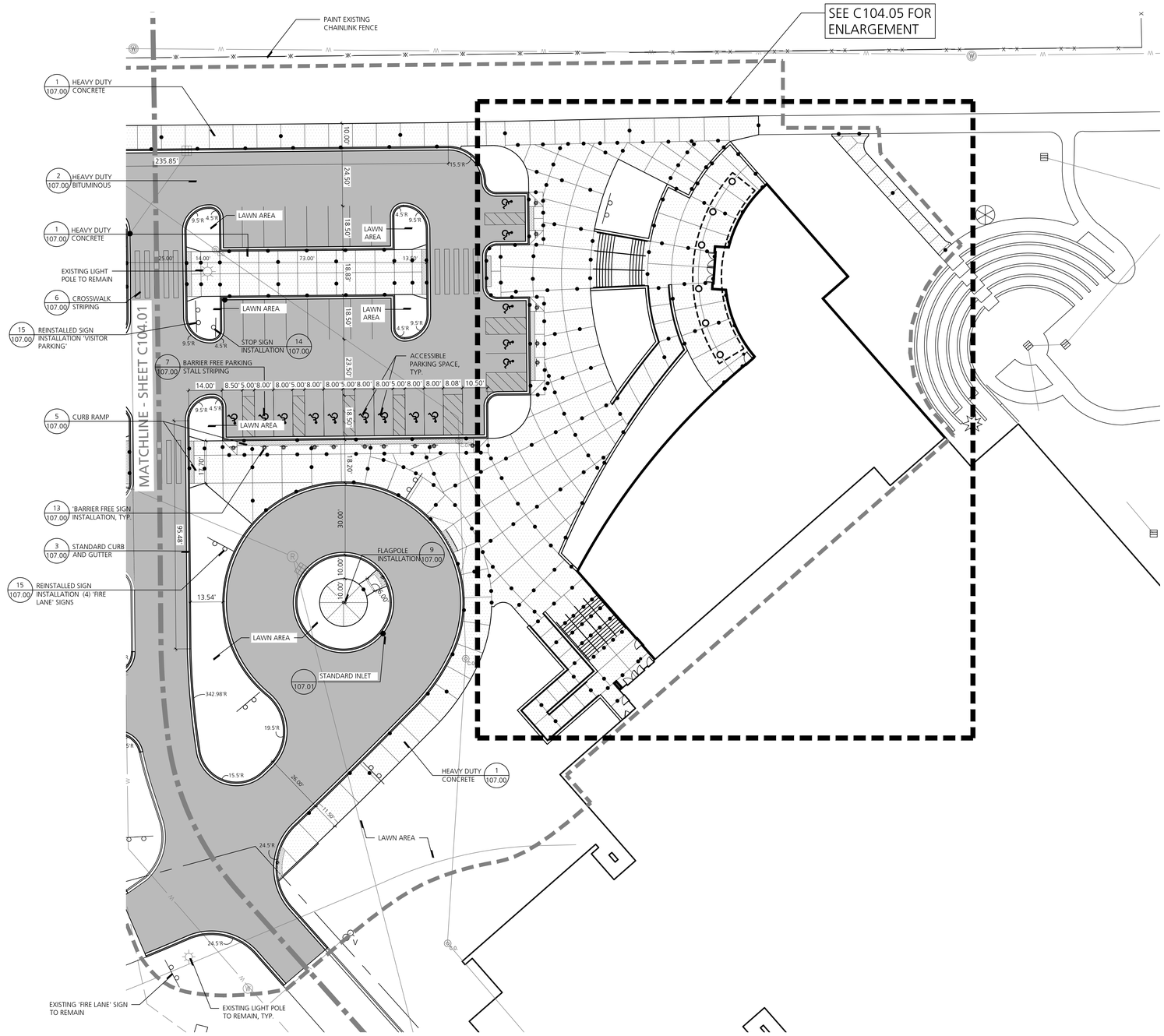
C104.00

LAYOUT & MATERIALS LEGEND

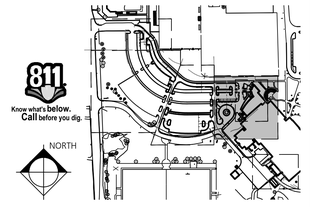
- LIMIT OF DISTURBANCE
- PROPOSED BUILDING
- PROPOSED CONCRETE CURB & GUTTER
- PROPOSED WALL
- EXPANSION JOINT / CONTROL JOINT — H.D. CONCRETE PAVEMENT
- PROPOSED HEAVY DUTY BITUMINOUS PAVEMENT
- PROPOSED PEDESTRIAN LIGHT

LAYOUT & MATERIALS NOTES

SEE C104.00 FOR LAYOUT & MATERIALS NOTES.



KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Layout & Materials Plan - Enlargement

ISSUE DATES

03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

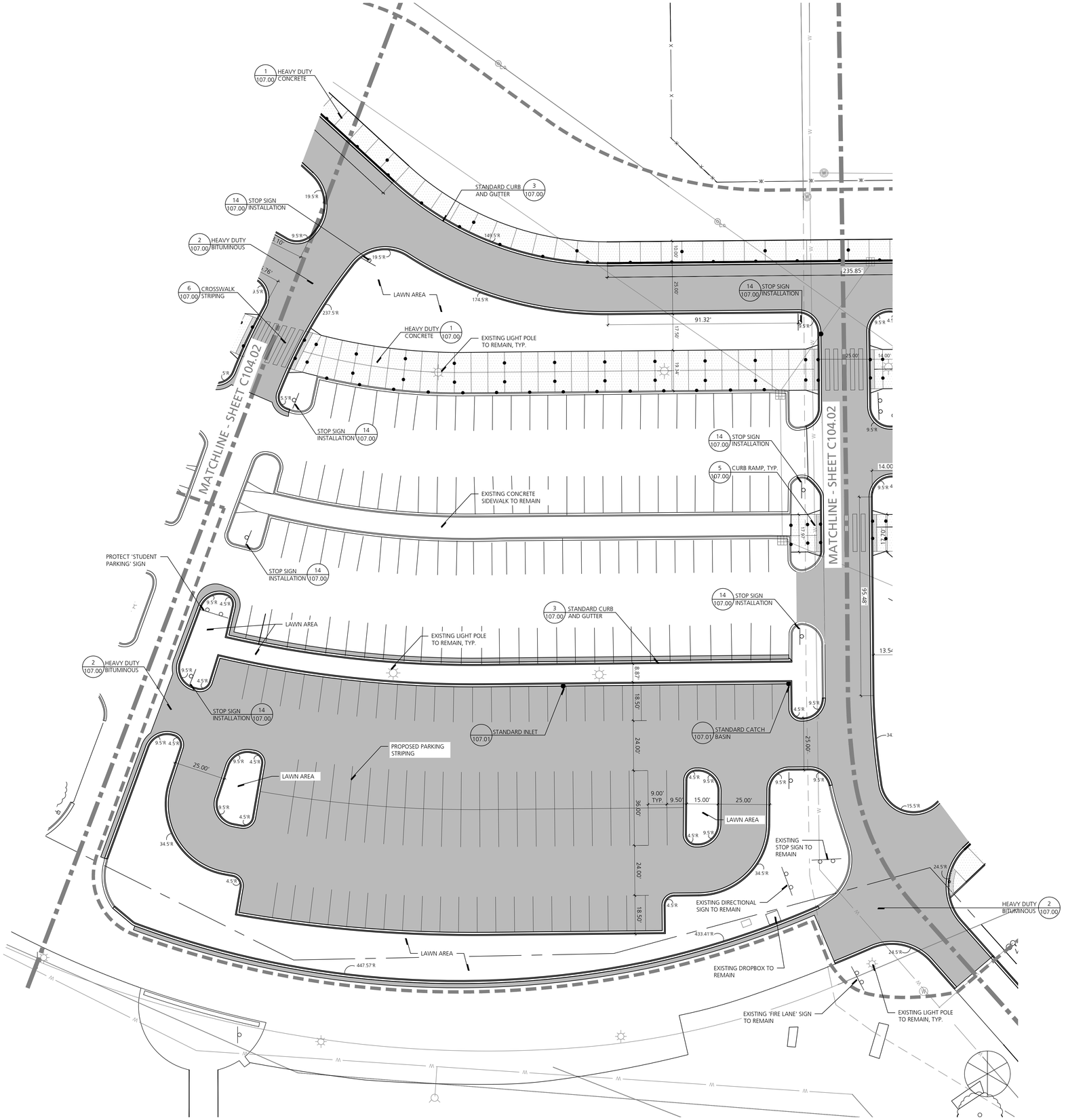
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C104.01



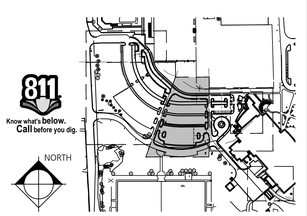
LAYOUT & MATERIALS LEGEND

- LIMIT OF DISTURBANCE
- PROPOSED BUILDING
- PROPOSED CONCRETE CURB & GUTTER
- PROPOSED WALL
- EXPANSION JOINT / CONTROL JOINT — H.D. CONCRETE PAVEMENT
- PROPOSED HEAVY DUTY BITUMINOUS PAVEMENT
- PROPOSED PEDESTRIAN LIGHT

LAYOUT & MATERIALS NOTES

SEE C104.00 FOR LAYOUT & MATERIALS NOTES.

KEY PLAN



NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Layout & Materials Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

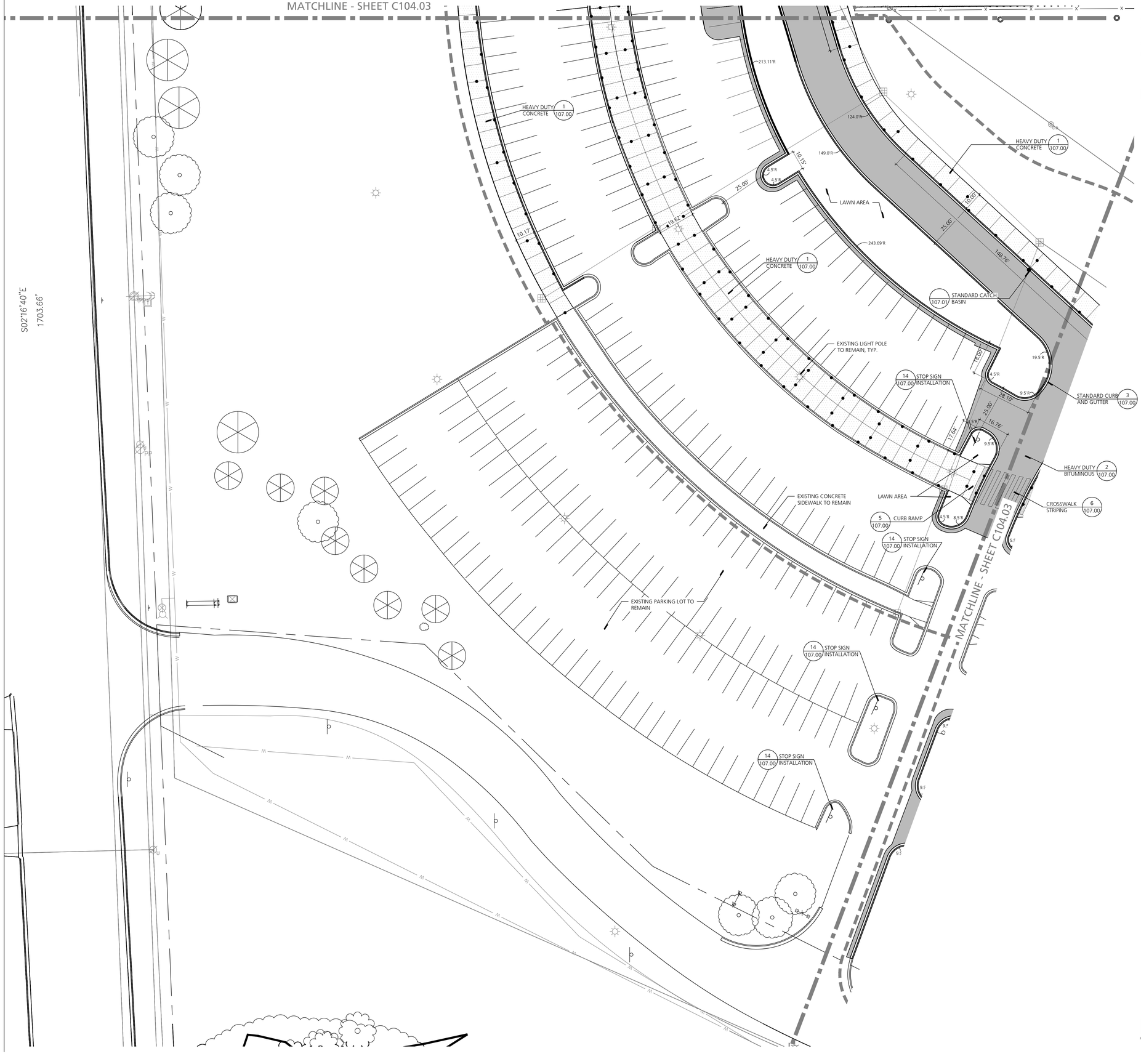
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C104.02



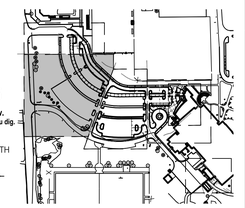
LAYOUT & MATERIALS LEGEND

- LIMIT OF DISTURBANCE
- PROPOSED BUILDING
- PROPOSED CONCRETE CURB & GUTTER
- PROPOSED WALL
- EXPANSION JOINT / CONTROL JOINT — H.D. CONCRETE PAVEMENT
- PROPOSED HEAVY DUTY BITUMINOUS PAVEMENT
- PROPOSED PEDESTRIAN LIGHT

LAYOUT & MATERIALS NOTES

SEE C104.00 FOR LAYOUT & MATERIALS NOTES.

KEY PLAN



Know what's below. Call before you dig. 811

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Layout & Materials Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

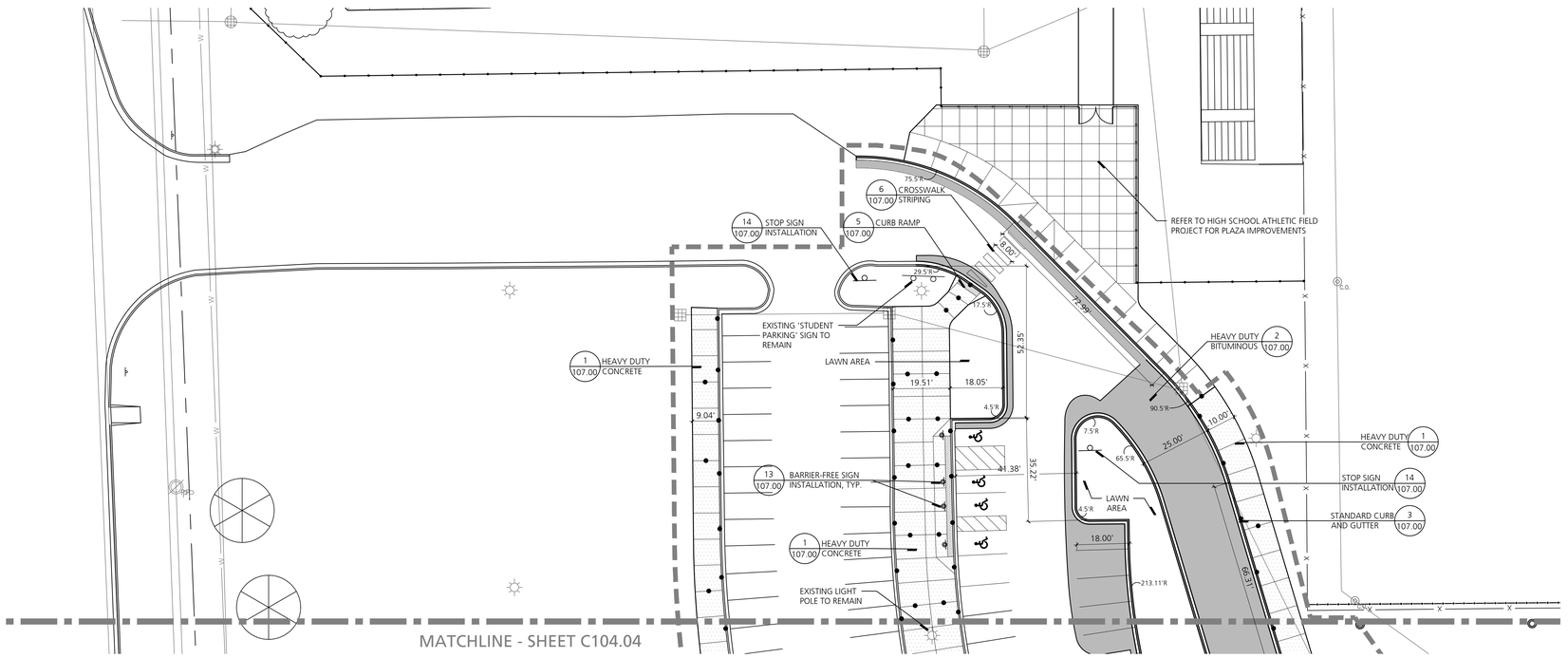
C104.03

LAYOUT & MATERIALS LEGEND

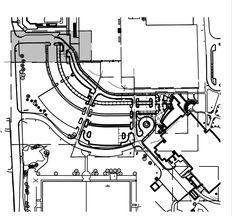
- LIMIT OF DISTURBANCE
- PROPOSED BUILDING
- PROPOSED CONCRETE CURB & GUTTER
- PROPOSED WALL
- EXPANSION JOINT / CONTROL JOINT — H.D. CONCRETE PAVEMENT
- PROPOSED HEAVY DUTY BITUMINOUS PAVEMENT
- PROPOSED PEDESTRIAN LIGHT

LAYOUT & MATERIALS NOTES

SEE C104.00 FOR LAYOUT & MATERIALS NOTES.



KEY PLAN



Know what's below. Call before you dig. 811

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ⓘ
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Layout & Materials Plan - Enlargement

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

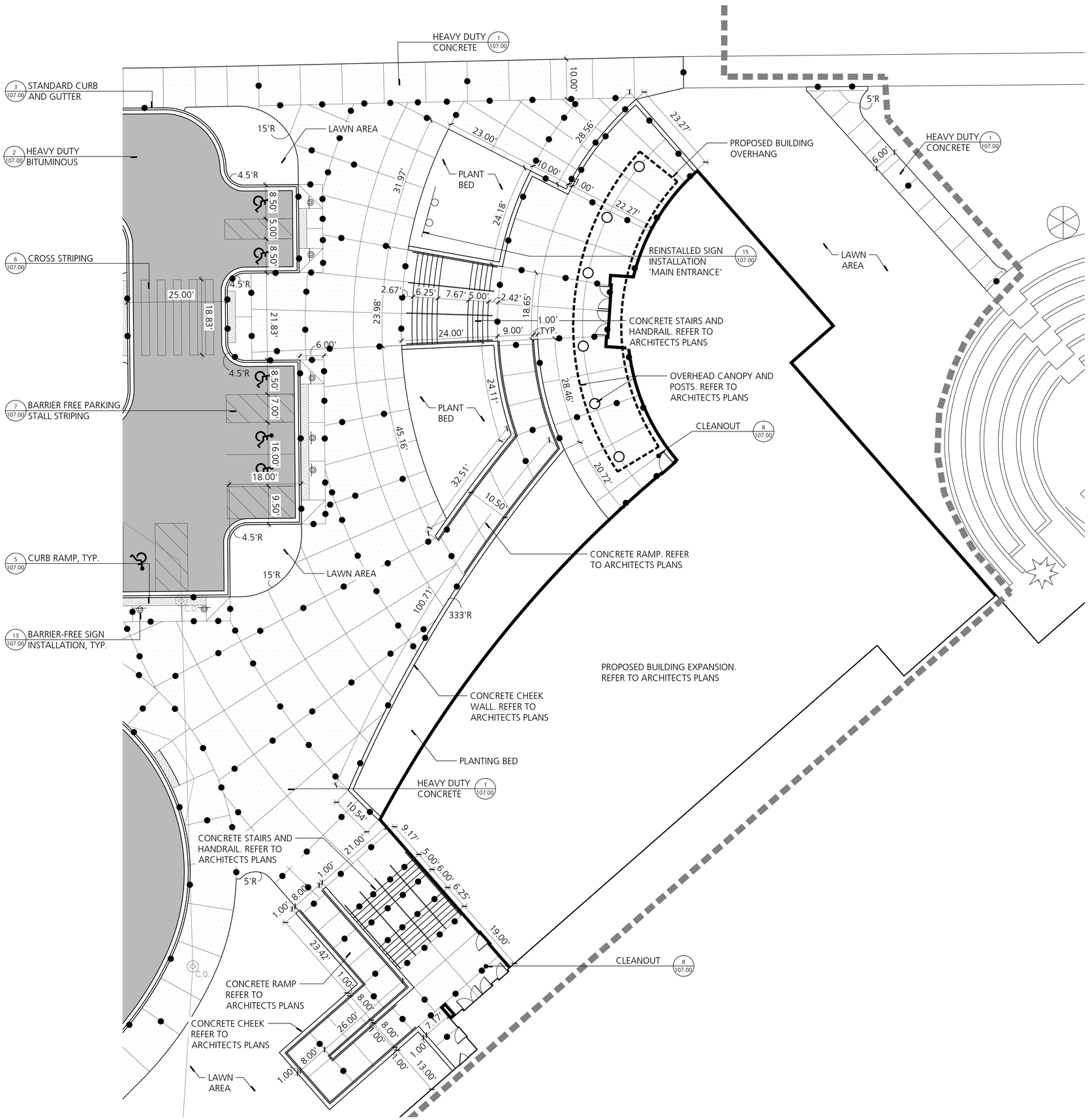
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C104.04



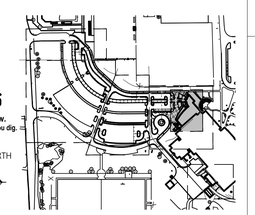
LAYOUT & MATERIALS LEGEND

- LIMIT OF DISTURBANCE
- PROPOSED BUILDING
- PROPOSED CONCRETE CURB & GUTTER
- PROPOSED WALL
- EXPANSION JOINT / CONTROL JOINT — H.D. CONCRETE PAVEMENT
- PROPOSED HEAVY DUTY BITUMINOUS PAVEMENT
- PROPOSED PEDESTRIAN LIGHT

LAYOUT & MATERIALS NOTES

SEE C104.00 FOR LAYOUT & MATERIALS NOTES.

KEY PLAN



SCALE: 1" = 10'

0 10 10 20 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Layout & Materials Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

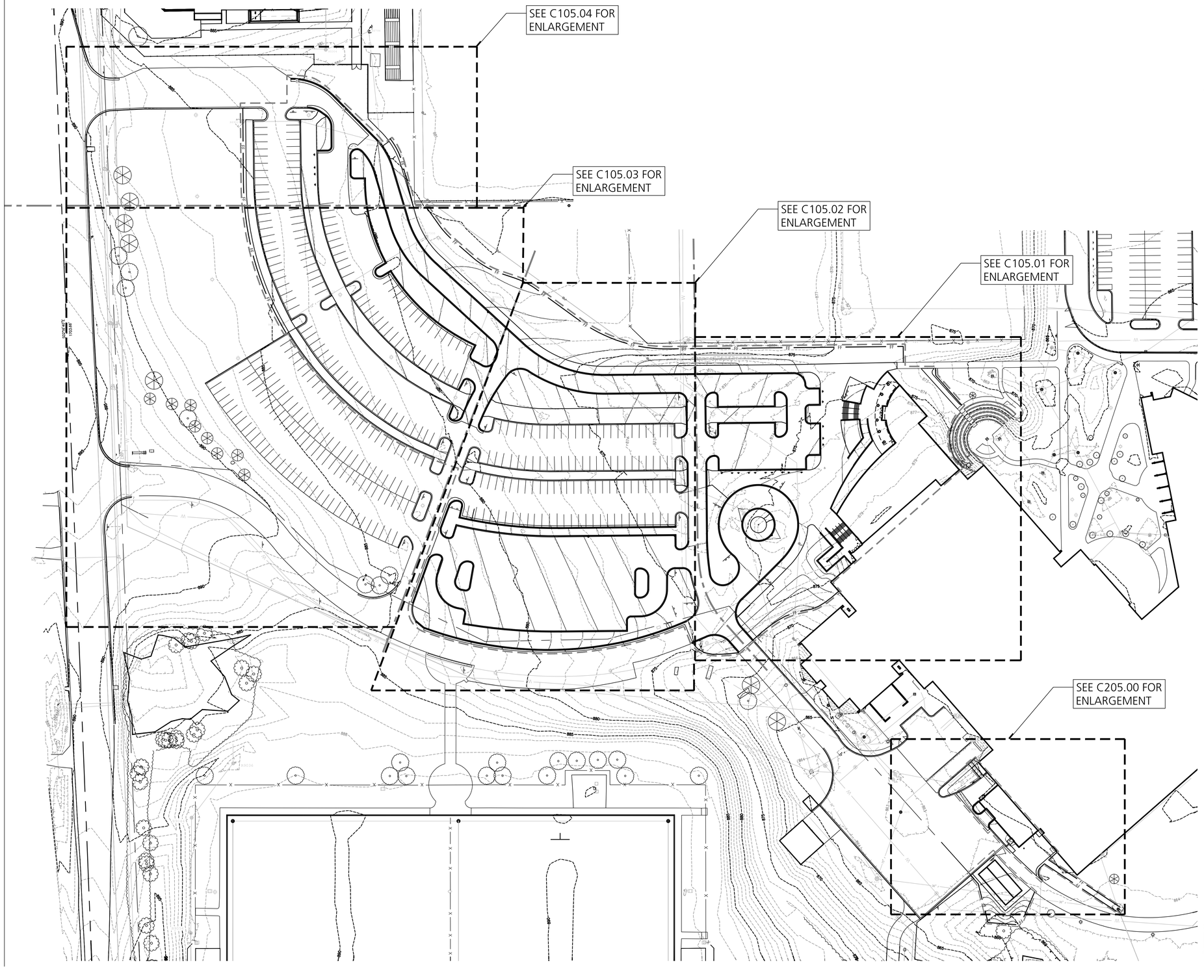
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C104.05



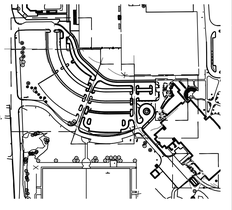
GRADING LEGEND

	LIMIT OF DISTURBANCE
FF	FILTER FABRIC FENCE
884	EXISTING MINOR CONTOUR
885	EXISTING MAJOR CONTOUR
885	PROPOSED MINOR CONTOUR
888	PROPOSED MAJOR CONTOUR
ME	MATCH EXISTING GRADE
880.84	PROPOSED SPOT GRADE
TC 877.52	PROPOSED TOP OF CURB GRADE
BC 877.02	PROPOSED BOTTOM OF CURB GRADE
TW 877.52	PROPOSED TOP OF WALL GRADE
BW 877.02	PROPOSED BOTTOM OF WALL GRADE (FINISH GRADE)
RIM 889.00	PROPOSED RIM ELEVATION
INV 873.25	PROPOSED INVERT ELEVATION

GRADING NOTES

1. CONTRACTOR SHALL CALL MISS DIG (811) A MINIMUM OF THREE WORKING DAYS PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL INVESTIGATE EXTENT AND LOCATION OF EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR PROTECTION AND RESTORATION OF SAME IF DAMAGED AS A RESULT OF CONTRACTOR'S OPERATIONS.
3. ALL PAVEMENT REMOVALS SHALL BE SAWCUT TO FULL DEPTH AND COORDINATED WITH LAYOUT AND MATERIALS / GRADING PLANS. REMOVALS SHALL INCLUDE SUBSOIL/EXISTING BASE MATERIALS TO FULL DEPTH REQUIRED FOR INSTALLATION OF NEW WORK INCLUDING BASE COURSE, UNLESS OTHERWISE DIRECTED BY TESTING LAB OR LANDSCAPE ARCHITECT/ ENGINEER.
4. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING ITEMS TO REMAIN. CONTRACTOR SHALL MAINTAIN CLEAN SAWCUT EDGES FOR PROPOSED WORK TO ABUT. BROKEN EDGES RESULTING FROM CONTRACTOR'S FAILURE TO PROTECT THE EDGE WILL BE SAWCUT BEYOND THE BREAKS AT THE CONTRACTOR'S EXPENSE.
5. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EROSION CONTROL MEASURES REQUIRED BY STATE AND LOCAL GOVERNING AUTHORITIES.
6. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE PLACED BEFORE, OR AS THE FIRST STEP IN, CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER AGAINST ANY TRANSPORTING OF SILT OFF THE SITE.
7. CONTRACTOR SHALL APPLY TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY WASHTENAW COUNTY WATER RESOURCE COMMISSIONER'S OFFICE AND AS DIRECTED ON THESE PLANS.
8. PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN 5 CALENDAR DAYS AFTER FINAL GRADING OR THE FINAL EARTH CHANGES HAVE BEEN COMPLETED. WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA AFTER AN EARTH CHANGE HAS BEEN COMPLETED OR WHERE SIGNIFICANT EARTH CHANGE ACTIVITY CEASES, TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED WITHIN 15 CALENDAR DAYS.
9. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF SOIL EROSION AND SEDIMENTATION CONTROL MEASURES. ANY NECESSARY REPAIRS SHALL BE PERFORMED IMMEDIATELY.
10. CONTRACTOR STAGING AREA SHALL BE USED FOR ALL CONSTRUCTION STAGING AND STORED MATERIALS FOR THIS PROJECT. SITE SHALL BE GRADED SMOOTH, SO AS NOT TO POND WATER, AND A LAWN SHALL BE FULLY ESTABLISHED UPON FINAL COMPLETION OF THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR ANY SITE AMENDMENTS NECESSARY (i.e., STONE BASE, ETC.), AND REMOVAL THEREOF, RELATED TO THE USE OF THIS PROPERTY FOR CONSTRUCTION STAGING.
11. SOIL STOCKPILE LOCATION WILL BE DETERMINED DURING SITE COORDINATION MEETINGS.
12. ADJUST ALL UTILITY FRAMES AND COVERS TO MEET FINAL GRADE.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR BALANCE OF EARTHWORK.
14. REFER TO C102.00-C102.02 FOR SESC REQUIREMENTS.
15. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION ALL WORK COMPLETED IN CONFORMANCE WITH CURRENT ADA STANDARDS.
16. PROPOSED CONTOUR LINES AND SPOT ELEVATIONS REFLECT FINISH GRADES. HOLD DOWN SUBGRADE ELEVATIONS ACCORDINGLY. ADJUST RIM ELEVATIONS OF ALL UTILITIES AFFECTED BY WORK IN THIS CONTRACT. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE ON THE SITE. ANY AREA THAT APPEARS TO NOT PROPERLY DRAIN SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT/ ENGINEER FOR RESOLUTION.

KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 50'

0 25 50 100 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ⓘ
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Grading Plan - Overall

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

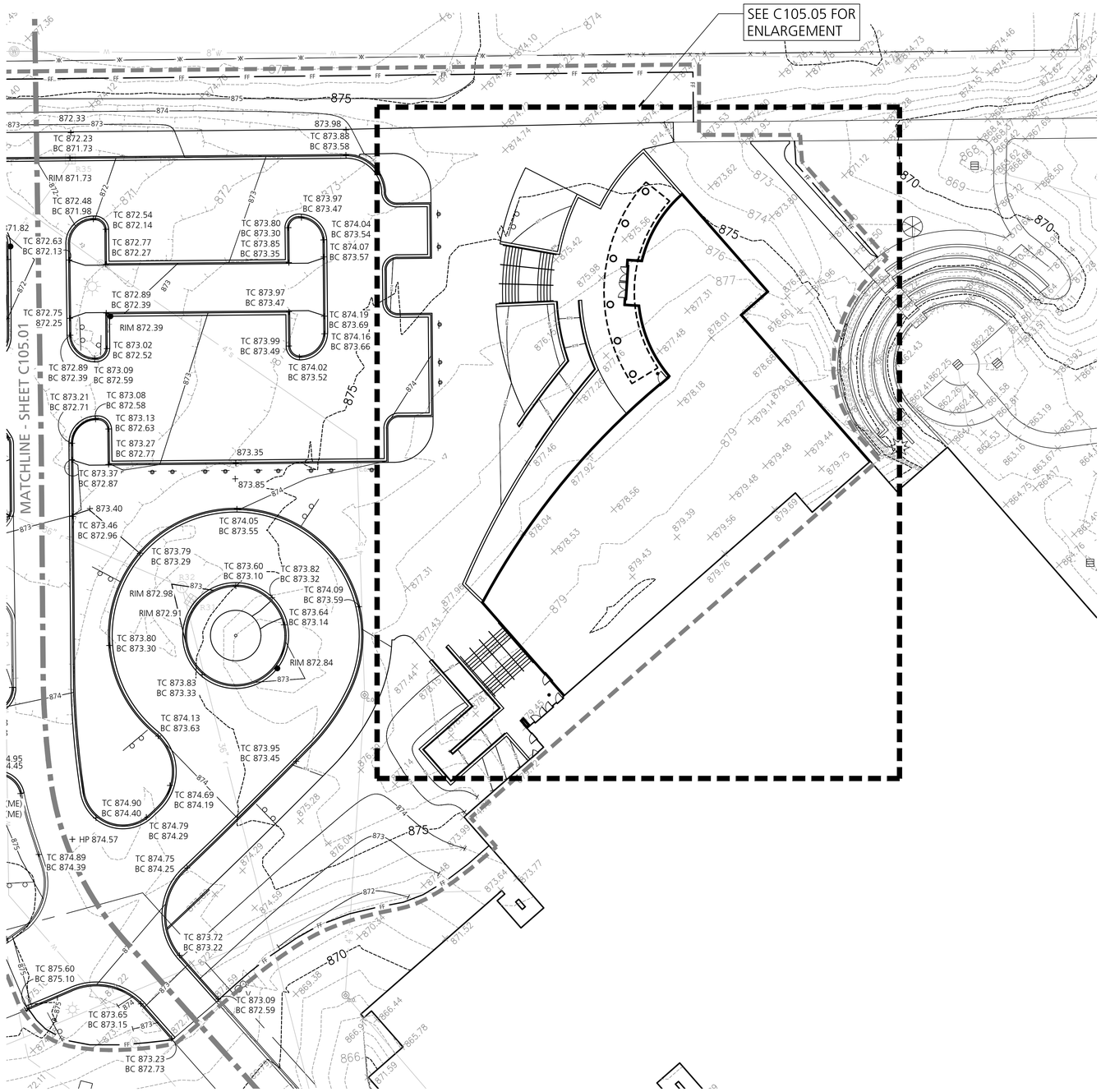
C105.00

GRADING LEGEND

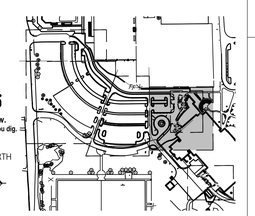
	LIMIT OF DISTURBANCE
FF	FILTER FABRIC FENCE
884	EXISTING MINOR CONTOUR
885	EXISTING MAJOR CONTOUR
885	PROPOSED MINOR CONTOUR
888	PROPOSED MAJOR CONTOUR
ME	MATCH EXISTING GRADE
880.84	PROPOSED SPOT GRADE
TC 877.52	PROPOSED TOP OF CURB GRADE
BC 877.02	PROPOSED BOTTOM OF CURB GRADE
TW 877.52	PROPOSED TOP OF WALL GRADE
BW 877.02	PROPOSED BOTTOM OF WALL GRADE (FINISH GRADE)
RIM 889.00	PROPOSED RIM ELEVATION
INV 873.25	PROPOSED INVERT ELEVATION

GRADING NOTES

SEE C105.00 FOR GRADING NOTES.



KEY PLAN



SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Grading Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

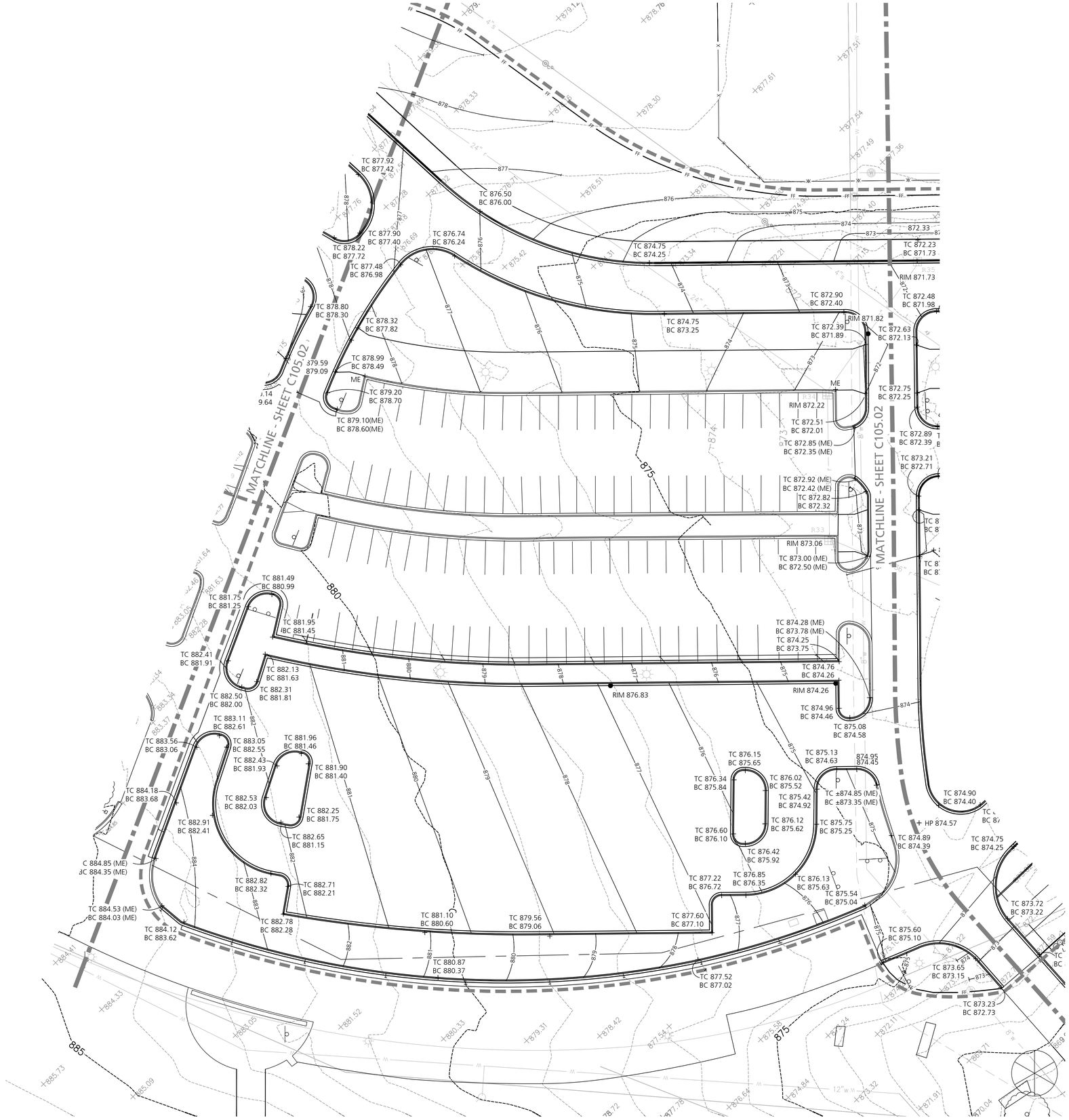
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C105.01



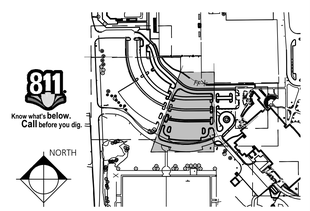
GRADING LEGEND

	LIMIT OF DISTURBANCE
FF	FILTER FABRIC FENCE
884	EXISTING MINOR CONTOUR
885	EXISTING MAJOR CONTOUR
885	PROPOSED MINOR CONTOUR
888	PROPOSED MAJOR CONTOUR
+ME	MATCH EXISTING GRADE
+880.84	PROPOSED SPOT GRADE
+TC 877.52	PROPOSED TOP OF CURB GRADE
+BC 877.02	PROPOSED BOTTOM OF CURB GRADE
+TW 877.52	PROPOSED TOP OF WALL GRADE
+BW 877.02	PROPOSED BOTTOM OF WALL GRADE (FINISH GRADE)
RIM 889.00	PROPOSED RIM ELEVATION
INV 873.25	PROPOSED INVERT ELEVATION

GRADING NOTES

SEE C105.00 FOR GRADING NOTES.

KEY PLAN



SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Grading Plan - Enlargement

ISSUE DATES

03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C105.02

MATCHLINE - SHEET C105.03

MATCHLINE - SHEET C105.03

S02°16'40"E 1703.66'

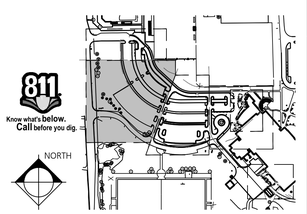
GRADING LEGEND

LIMIT OF DISTURBANCE	
FF	FILTER FABRIC FENCE
884	EXISTING MINOR CONTOUR
885	EXISTING MAJOR CONTOUR
885	PROPOSED MINOR CONTOUR
888	PROPOSED MAJOR CONTOUR
+ME	MATCH EXISTING GRADE
+880.84	PROPOSED SPOT GRADE
+TC 877.52	PROPOSED TOP OF CURB GRADE
+BC 877.02	PROPOSED BOTTOM OF CURB GRADE
+TW 877.52	PROPOSED TOP OF WALL GRADE
+BW 877.02	PROPOSED BOTTOM OF WALL GRADE (FINISH GRADE)
RIM 889.00	PROPOSED RIM ELEVATION
INV 873.25	PROPOSED INVERT ELEVATION

GRADING NOTES

SEE C105.00 FOR GRADING NOTES.

KEY PLAN



NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R (i)
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Grading Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

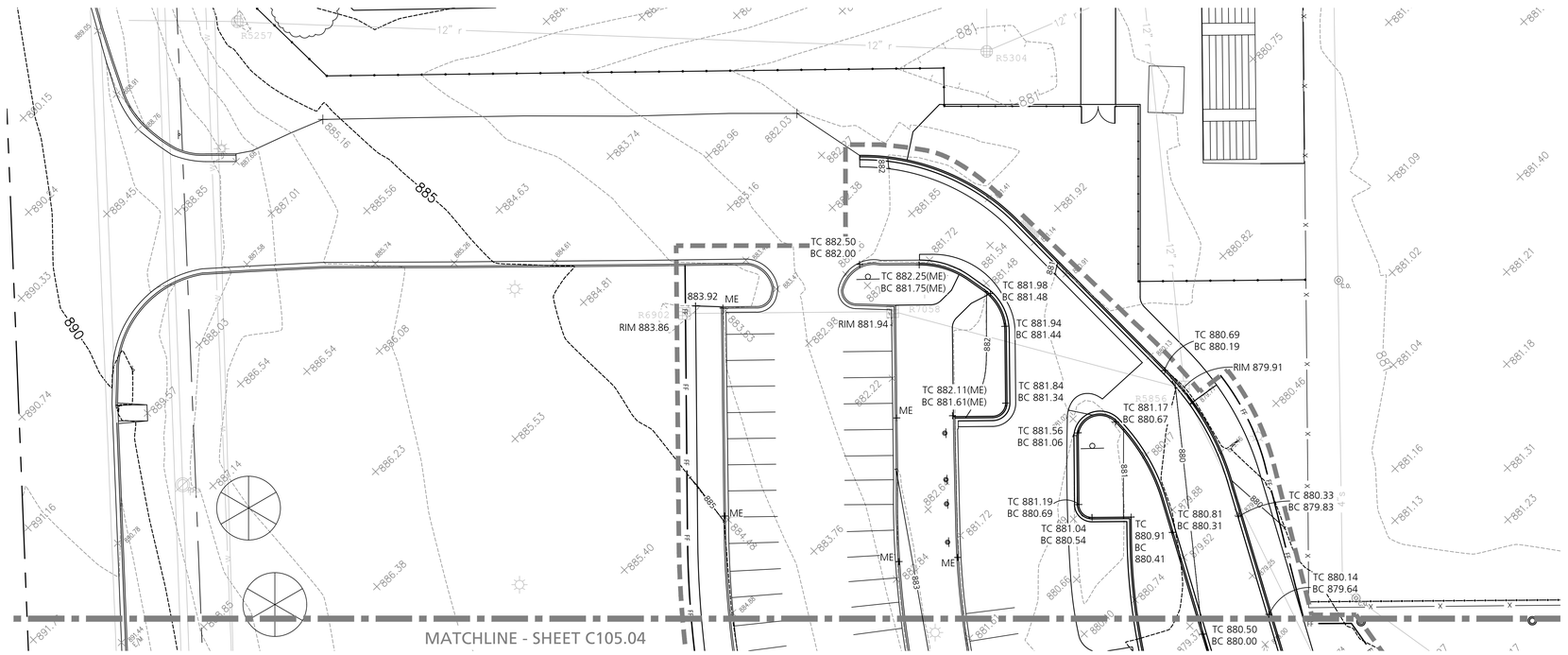
C105.03

GRADING LEGEND

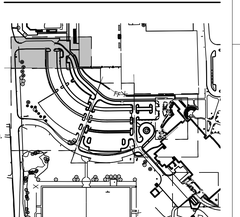
	LIMIT OF DISTURBANCE
FF	FILTER FABRIC FENCE
884	EXISTING MINOR CONTOUR
885	EXISTING MAJOR CONTOUR
885	PROPOSED MINOR CONTOUR
888	PROPOSED MAJOR CONTOUR
+ ME	MATCH EXISTING GRADE
+ 80.84	PROPOSED SPOT GRADE (+ X00)
+ TC 77.52	PROPOSED TOP OF CURB GRADE (+ X00)
+ BC 77.02	PROPOSED BOTTOM OF CURB GRADE (+ X00)
+ TW77.52	PROPOSED TOP OF WALL GRADE (+ X00)
+ BW 77.02	PROPOSED BOTTOM OF WALL GRADE (FINISH GRADE)
RIM 89.00	PROPOSED RIM ELEVATION (+ X00)
INV 73.25	PROPOSED INVERT ELEVATION (+ X00)

GRADING NOTES

SEE C105.00 FOR GRADING NOTES.



KEY PLAN



Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R i
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Grading Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

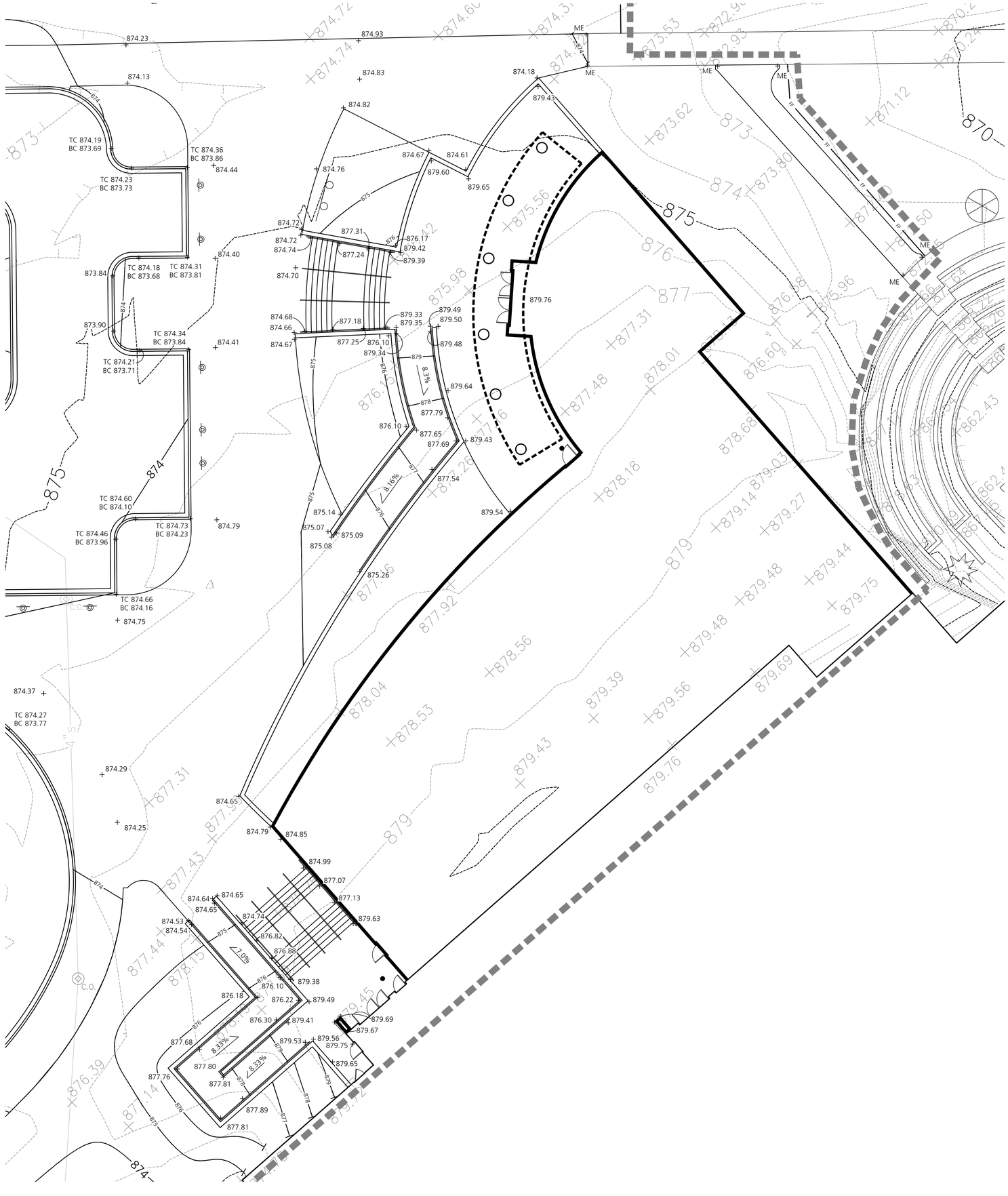
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C105.04



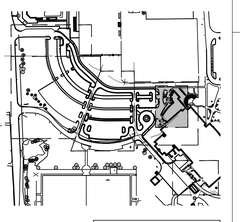
GRADING LEGEND

	LIMIT OF DISTURBANCE
FF	FILTER FABRIC FENCE
884	EXISTING MINOR CONTOUR
885	EXISTING MAJOR CONTOUR
885	PROPOSED MINOR CONTOUR
888	PROPOSED MAJOR CONTOUR
ME	MATCH EXISTING GRADE
80.84	PROPOSED SPOT GRADE (+ X00)
TC 77.52	PROPOSED TOP OF CURB GRADE (+ X00)
BC 77.02	PROPOSED BOTTOM OF CURB GRADE (+ X00)
TW77.52	PROPOSED TOP OF WALL GRADE (+ X00)
BW 77.02	PROPOSED BOTTOM OF WALL GRADE (FINISH GRADE)
RIM 89.00	PROPOSED RIM ELEVATION (+ X00)
INV 73.25	PROPOSED INVERT ELEVATION (+ X00)

GRADING NOTES

SEE C105.00 FOR GRADING NOTES.

KEY PLAN



SCALE: 1" = 10'

0 5 10 20 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Grading Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

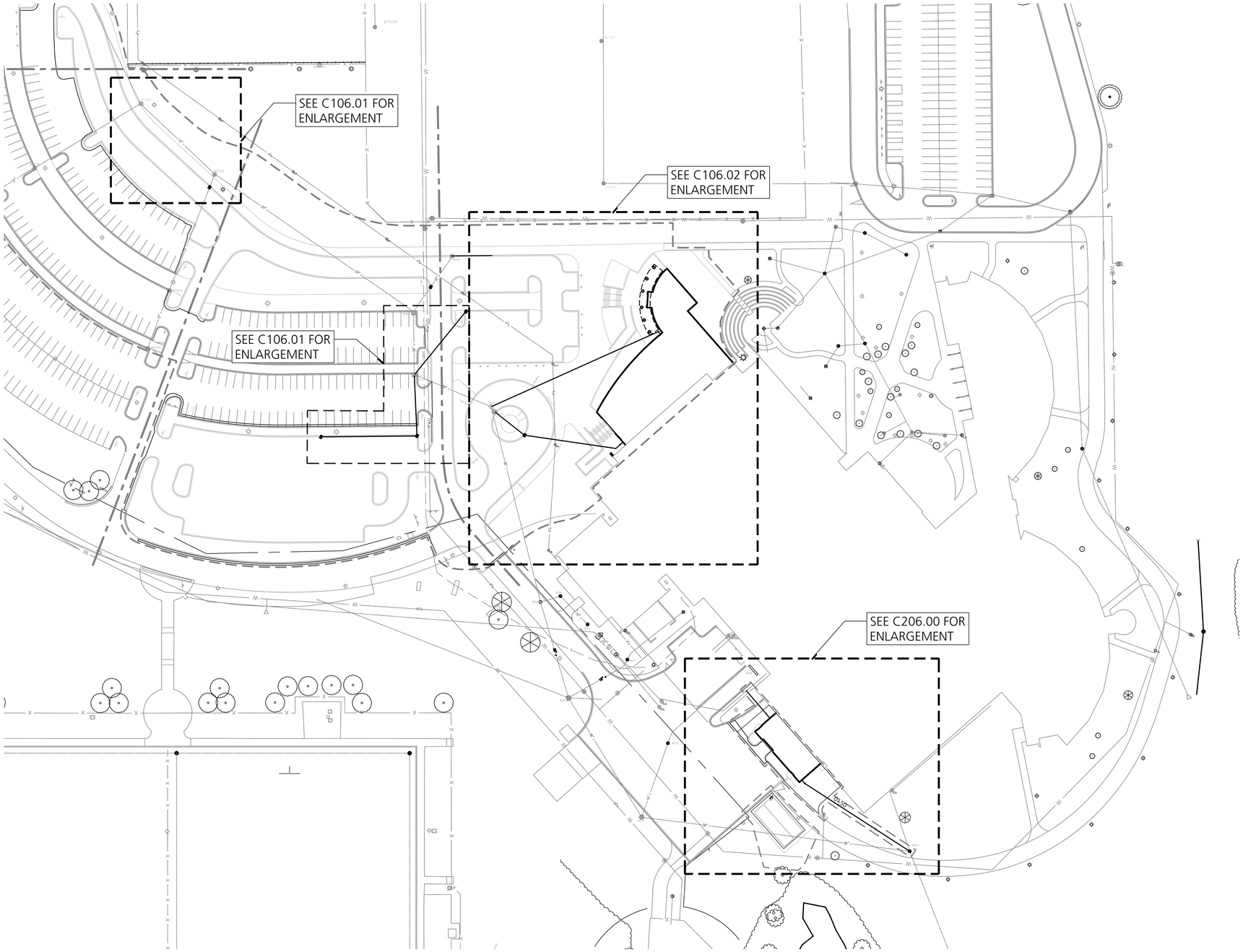
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C105.05



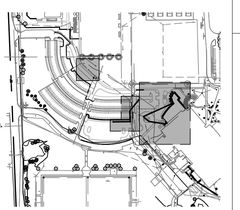
UTILITIES LEGEND

	LIMIT OF DISTURBANCE
156LF 12" HDPE STORM @ 0.34%	PROPOSED STORM LINE
ME	PROPOSED STORM WATER STRUCTURE
+	MATCH EXISTING GRADE
RIM 889.00	PROPOSED RIM ELEVATION
INV 873.25	PROPOSED INVERT ELEVATION

UTILITIES NOTES

1. PROPOSED CONTOUR LINES AND SPOT ELEVATIONS REFLECT FINISH GRADES. HOLD DOWN SUBGRADE ELEVATIONS ACCORDINGLY. ADJUST RIM ELEVATIONS OF ALL UTILITIES AFFECTED BY WORK IN THIS CONTRACT. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE ON THE SITE. ANY AREA THAT APPEARS TO NOT PROPERLY DRAIN SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT/ ENGINEER FOR RESOLUTION.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS, DEPTHS AND ELEVATIONS PRIOR TO CONSTRUCTION. NO CHANGES IN CONTRACT PRICE WILL BE AWARDED FOR ACTUAL DISCREPANCIES IN UTILITY LOCATIONS DUE TO THE FAILURE TO VERIFY ACTUAL FIELD LOCATIONS.
3. THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY HIS CONSTRUCTION OPERATIONS TO A CONDITION EQUAL TO OR BETTER THAN THAT EXISTING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CLEAN UP AND HAUL AWAY ALL CONSTRUCTION DEBRIS AND LITTER CAUSED BY HIS OPERATIONS.
4. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE INCURRED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
5. ALL UTILITY CROSSINGS SHALL HAVE A MINIMUM OF 18" VERTICAL CLEARANCE.

KEY PLAN



Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Utility Plan - Overall

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C106.00

STORM STRUCTURE SCHEDULE					
STRUCTURE ID	TYPE	CASTING	RIM ELEV	INVERT ELEVATIONS	DETAIL
CB 100	24" DIA. CB	EJCO 7045 TYPE M1	876.83	INV 12" E 873.00	DEXTER C107.01
CB 105	48" DIA. CB	EJCO 7045 TYPE M1	874.26	INV 12" W 869.85 INV 12" N 869.75	DEXTER C107.01
CB 110	24" DIA. CB	EJCO 7045 TYPE M1	872.84	INV 6" E 868.38 INV 12" NW 867.89	DEXTER C107.01
CB 120	24" DIA. CB	EJCO 7045 TYPE M1	872.39	INV 12" SW 869.04	DEXTER C107.01
CB R130	48" DIA. CB	EJCO 7045 TYPE M1	878.00	INV 12" N 871.26 INV 12" NE 871.27	DEXTER C107.01
CB R140	48" DIA. CB	EJCO 7045 TYPE M1	871.82	INV 15" SW 861.96 INV 15" NE 861.96	DEXTER C107.01
EX CB R31	48" DIA. MH	EXISTING	872.91	INV 12" SE 867.46 INV 12" NW 867.40	EXISTING EXISTING
EX CB R32	48" DIA. MH	EXISTING	872.98	INV 6" NE 863.65 INV 12" SE 867.26 INV 36" NW 858.26	EXISTING EXISTING
EX CB R33	60" DIA. CB	EXISTING	873.06	INV 12" S 869.06 INV 12" NE 868.34 INV 36" SE 858.26 INV 36" N 858.26	EXISTING EXISTING
EX CB R7312	48" DIA. CB	EJCO 1040 TYPE B	878.26	INV 12" S 870.97 INV 24" SE 867.66 INV 24" NW 867.66	EXISTING EXISTING
EX CB R7335	48" DIA. CB	EJCO 1040 TYPE B	878.57	INV 24" SE 867.17 INV 24" NW 867.17 INV 12" SW 873.46	EXISTING EXISTING

UTILITIES LEGEND

156 LF 12" HDPE STORM @ 0.34%

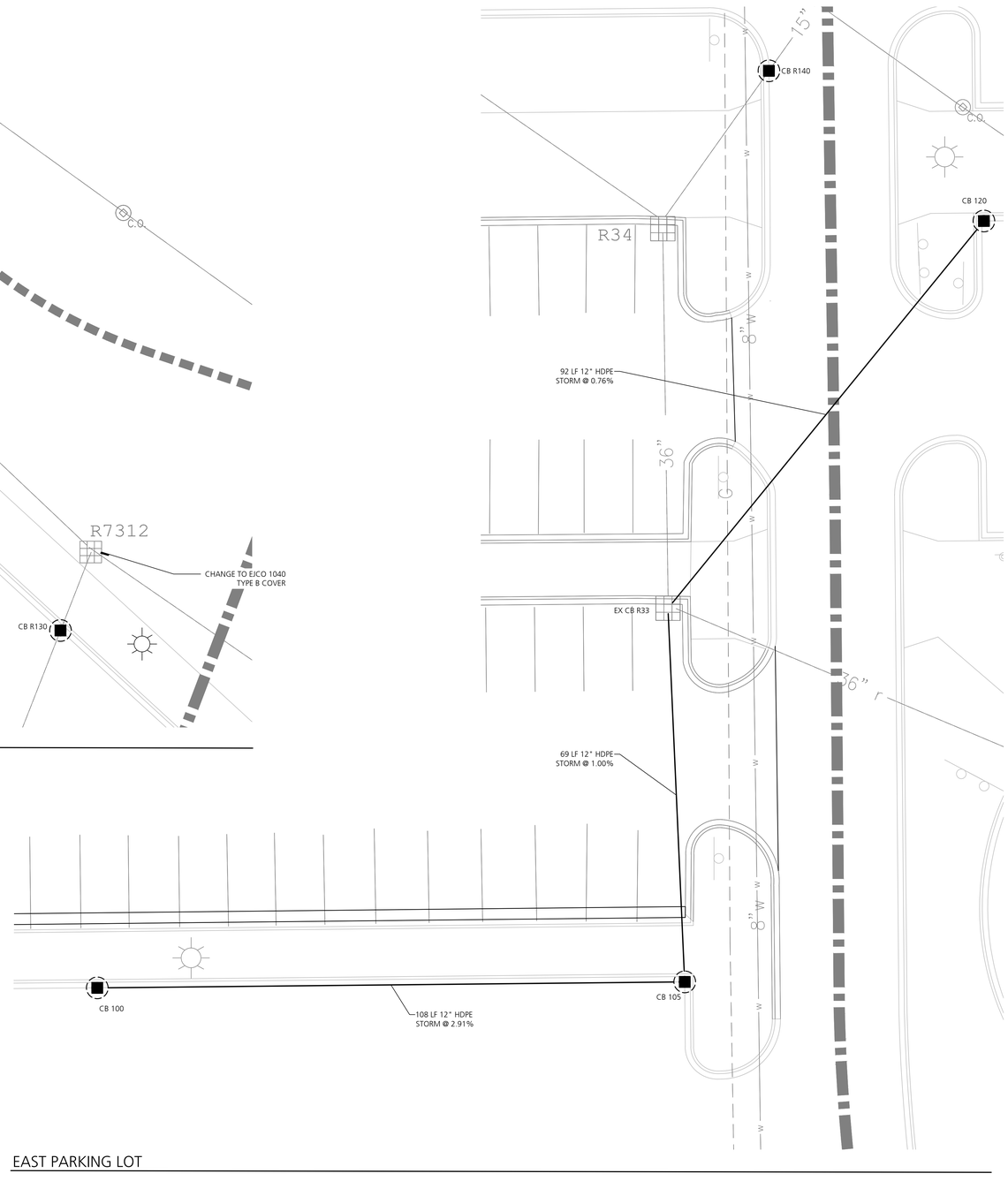
LIMIT OF DISTURBANCE
PROPOSED STORM LINE
PROPOSED STORM WATER STRUCTURE

UTILITIES NOTES

SEE C106.00 FOR UTILITIES NOTES.

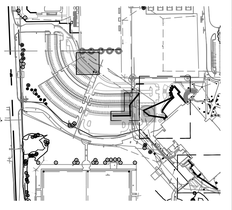


DRIVEWAY



EAST PARKING LOT

KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 10'

0 5 10 20 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ⓘ
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Utility Plan - Enlargement

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

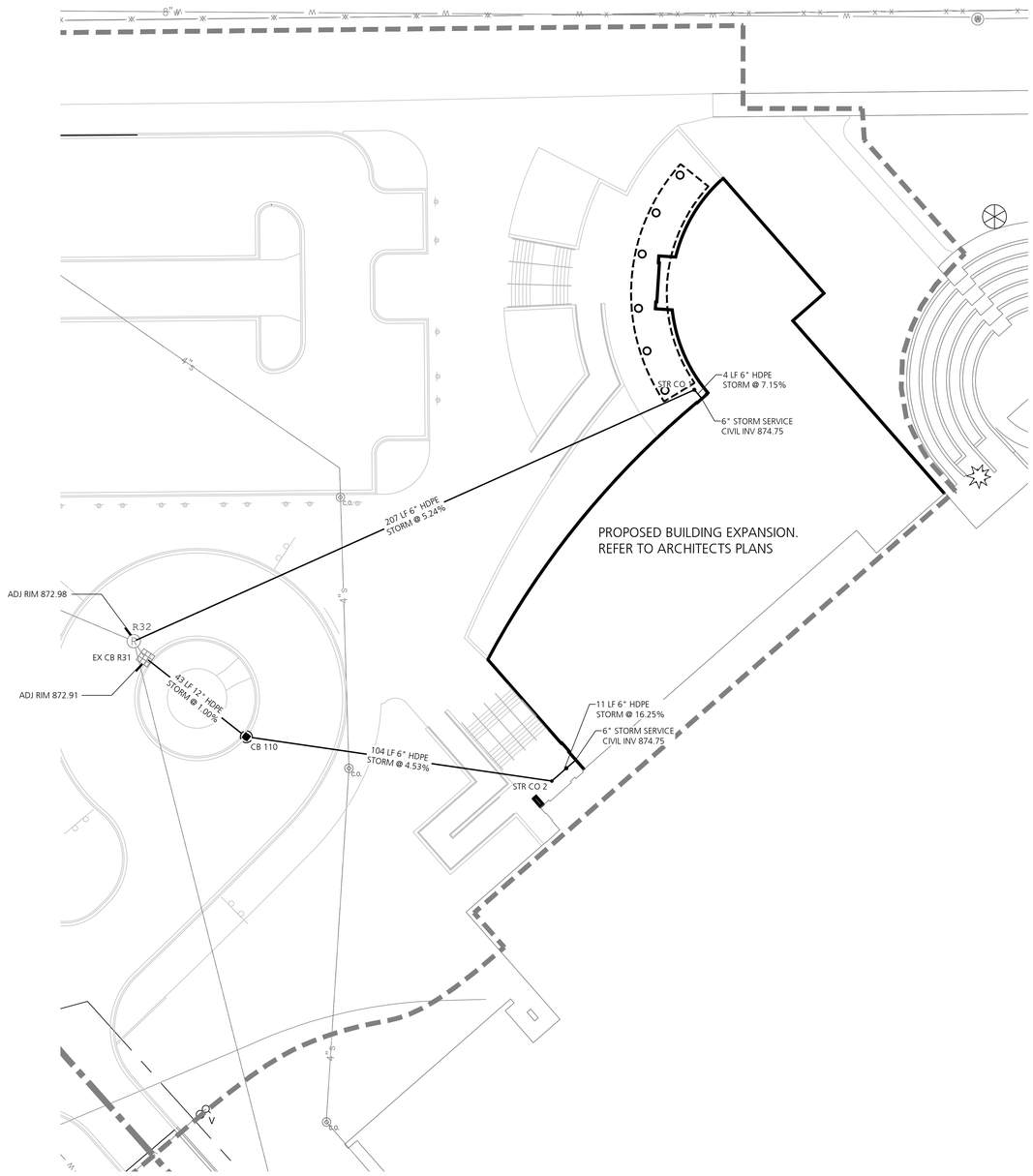
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C106.01



DROPOFF LOOP

UTILITIES NOTES

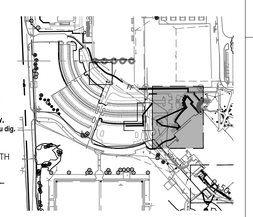
156LF 12" HDPE STORM @ 0.34%

LIMIT OF DISTURBANCE
PROPOSED STORM LINE
PROPOSED STORM WATER STRUCTURE

UTILITIES NOTES

SEE C106.00 FOR UTILITIES NOTES.

KEY PLAN



Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Utility Plan - Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

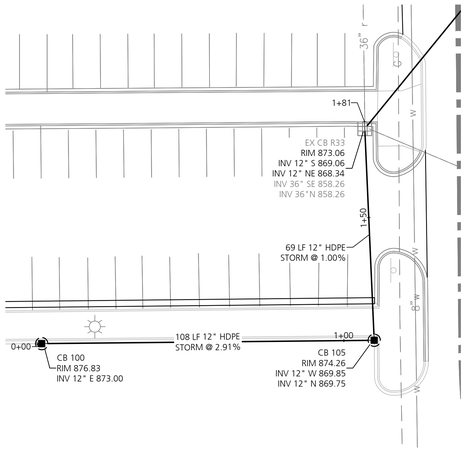
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

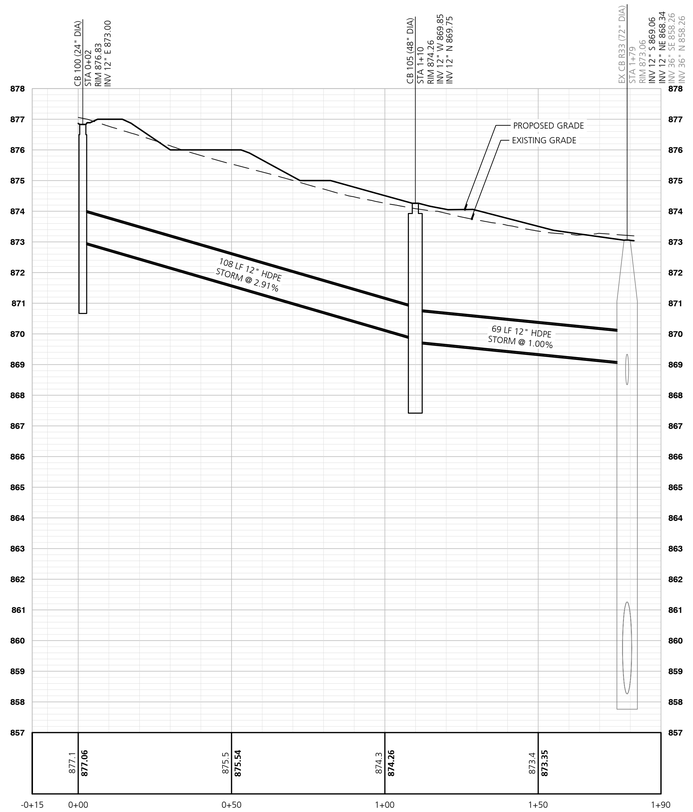
25026D

DRAWING NO.

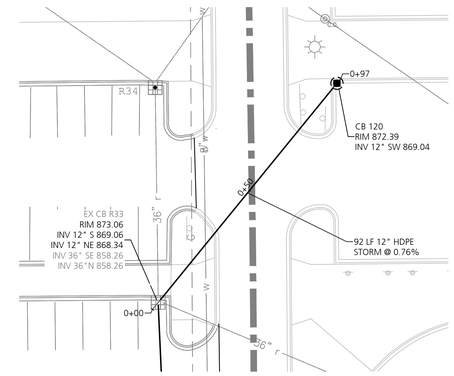
C106.02



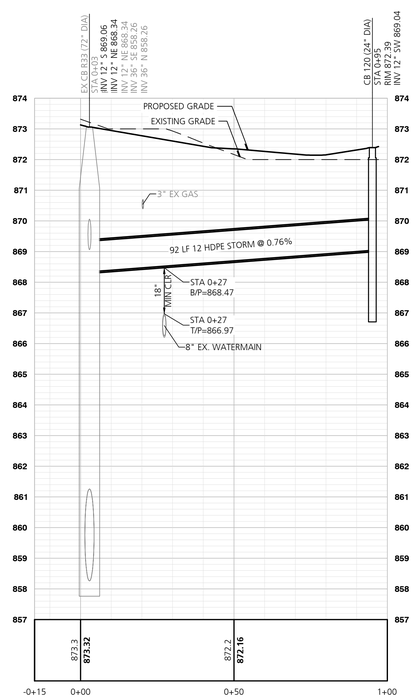
1 STORM CB 100 TO EX CB R33 (PLAN 0+00 TO 1+81)
SCALE: 1" = 20'



2 STORM CB 100 TO EX CB R33 (PROFILE 0+00 TO 1+81)
SCALE: 1" = 20'



3 STORM EX CB R33 TO CB 120 (PLAN 0+00 TO 0+97)
SCALE: 1" = 20'



4 STORM EX CB R33 TO CB 120 (PROFILE 0+00 TO 0+97)
SCALE: 1" = 20'

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R i
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Utility Profiles

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

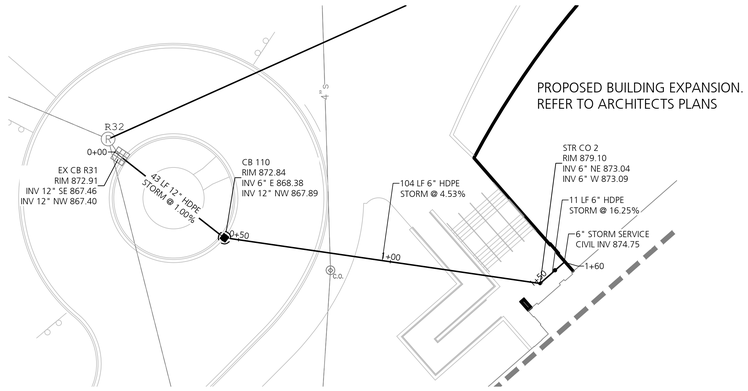
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C106.03



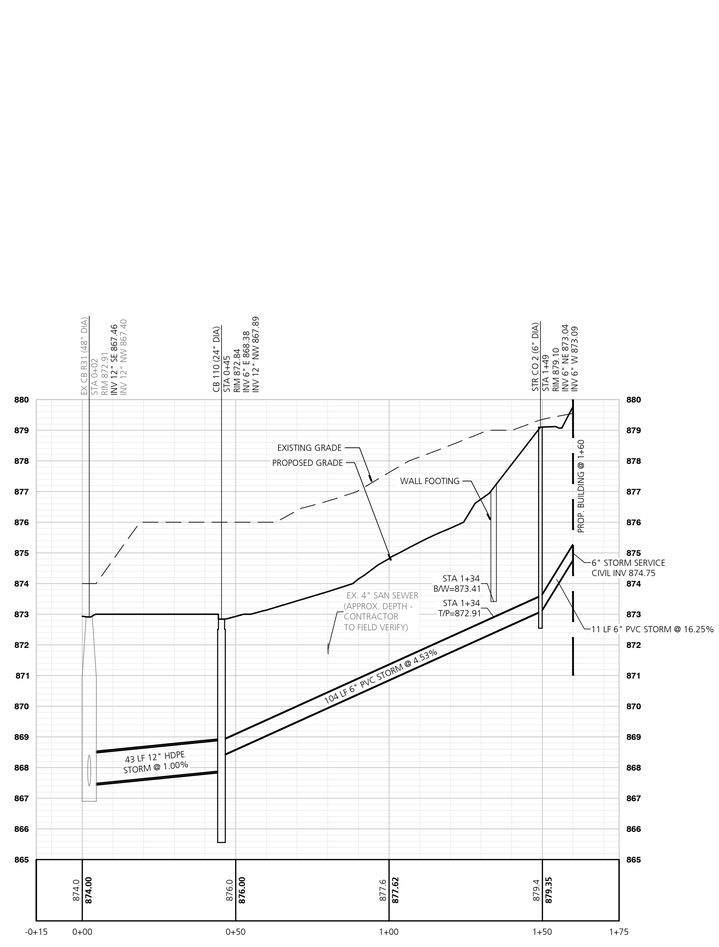
1 EX CB R31 TO S ROOF STORM TIE IN (PLAN 0+00 TO 1+60)

SCALE: 1" = 20'



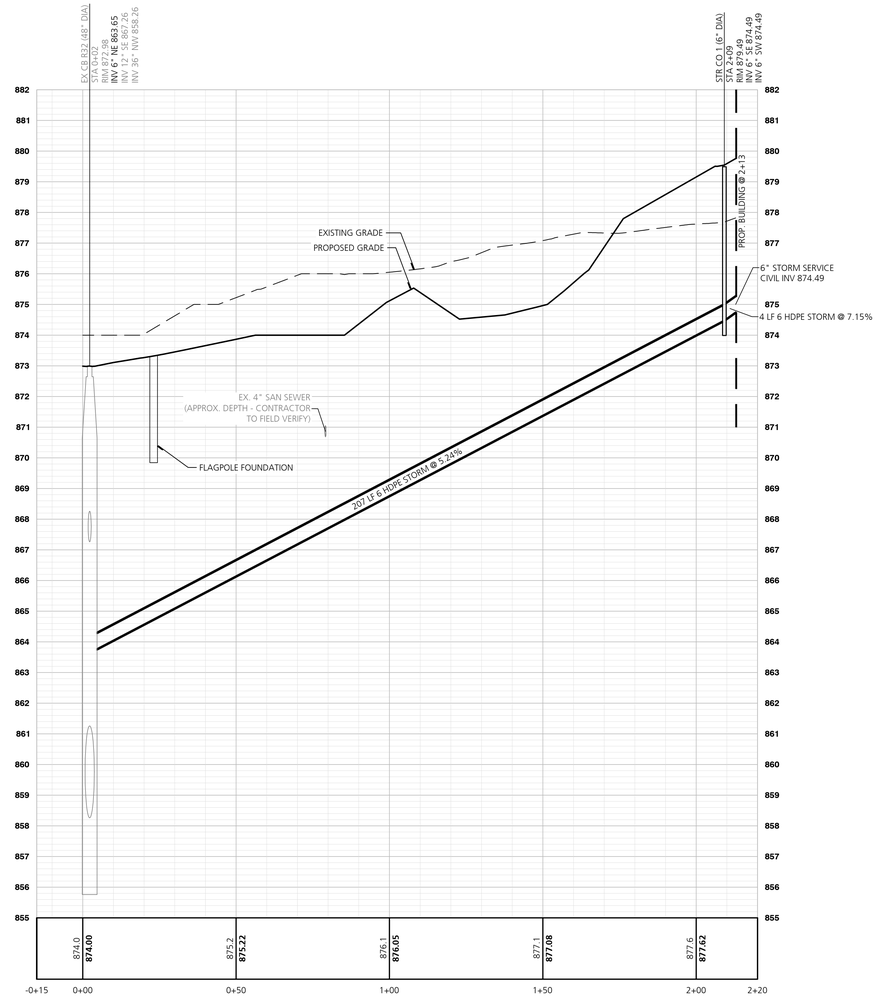
3 EX CB R32 TO N ROOF TIE-IN (PLAN 0+00 TO 2+13)

SCALE: 1" = 20'



2 EX CB R31 TO S ROOF STORM TIE IN (PROFILE 0+00 TO 1+60)

SCALE: 1" = 20'



4 EX CB R32 TO N ROOF TIE-IN (PROFILE 0+00 TO 2+13)

SCALE: 1" = 20'

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ⓘ
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Utility Profiles

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

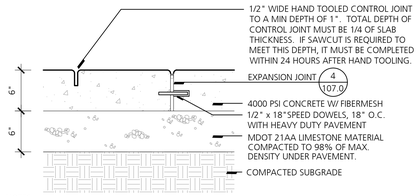
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

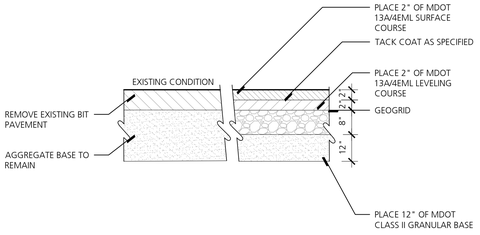
C106.04



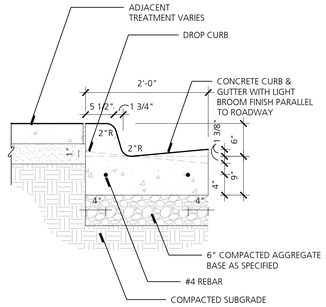
NOTES:

1. EXPANSION JOINTS SHALL BE INSTALLED SUCH THAT NO SINGLE DIMENSION EXCEEDS 50 FT. AREA BETWEEN EXPANSIONS JOINTS NOT TO EXCEED 320 SQ FT.
2. 1/2 " EXPANSION PAPER SHALL BE PLACED AT ALL LOCATIONS THAT NEW SIDEWALK ABUTS CONCRETE CURB, EXISTING SIDEWALK, LIGHT POLE BASES AND RETAINING WALLS.
3. SNAP-CAP EXPANSION JOINT STRIPS CAN BE USED ON ALL EXPANSION JOINTS
4. ALL EXPANSION JOINTS SHALL BE SEALED.
5. BROOM FINISH PARALLEL TO JOINTS AND PERPENDICULAR TO TRAFFIC (IF BROOMING PATTERN NOT SHOWN).

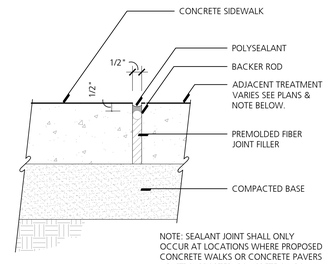
1 Concrete Pavement - Heavy Duty (H.D.)
NO SCALE



2 Heavy Duty Bituminous Pavement
NO SCALE

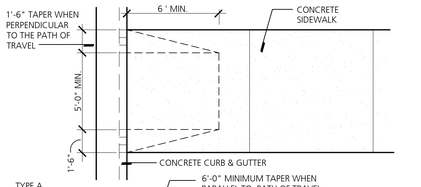


3 Standard Curb & Gutter / MDOT F4
NO SCALE



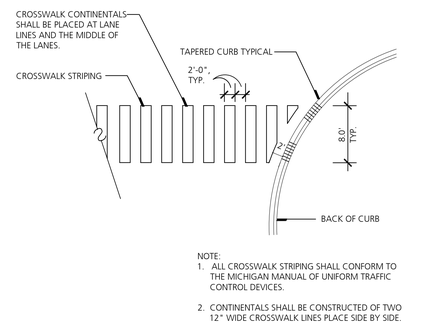
NOTE: SEALANT JOINT SHALL ONLY OCCUR AT LOCATIONS WHERE PROPOSED CONCRETE WALKS OR CONCRETE PAVERS ABUTT SUPPORTED CONCRETE SLABS, BUILDING WALLS, BRICK SEAT WALLS OR STONE CURBS.

4 Expansion Joint with Sealant
NO SCALE



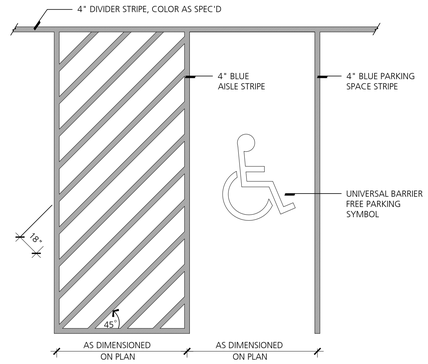
NOTE: REFER TO PLANS FOR LOCATIONS OF TRUNCATED DOMES

5 Curb Ramp
NO SCALE

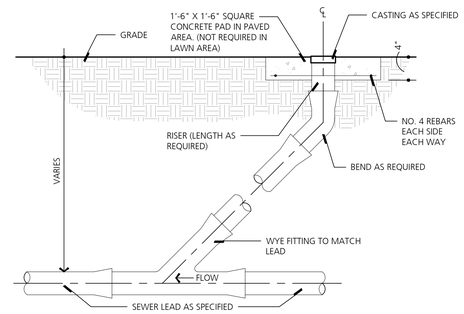


NOTE:
1. ALL CROSSWALK STRIPING SHALL CONFORM TO THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
2. CONTINENTALS SHALL BE CONSTRUCTED OF TWO 12" WIDE CROSSWALK LINES PLACE SIDE BY SIDE.

6 Crosswalk Striping
NO SCALE

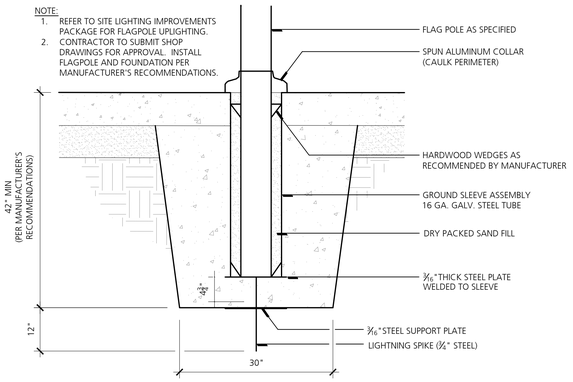


7 Barrier Free Parking Stall Striping
NO SCALE

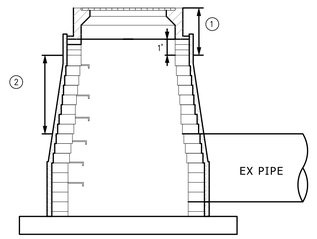


8 Storm Sewer Cleanout
NO SCALE

NOTE:
1. REFER TO SITE LIGHTING IMPROVEMENTS PACKAGE FOR FLAGPOLE UPLIGHTING.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL. INSTALL FLAGPOLE AND FOUNDATION PER MANUFACTURER'S RECOMMENDATIONS.

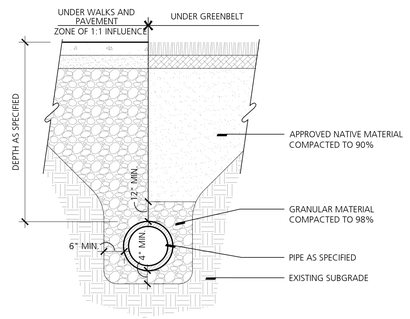


9 Flagpole Installation
NOT TO SCALE

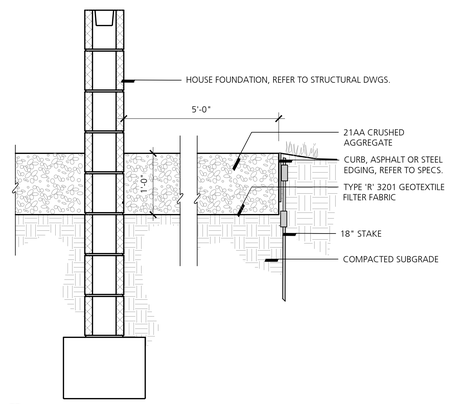


1. STRUCTURE COVER, ADJ: REMOVE FRAME AND GRATE. REMOVE AND REPLACE TOP ONE FOOT OF STRUCTURE ADJUSTING RINGS AND MORTAR BED AS REQUIRED TO ACHIEVE PROPOSED GRADE. PAID PER EACH AS STRUCTURE COVER, ADJ.
2. STRUCTURE, REBUILD: WHEN DIRECTED BY THE ENGINEER, REMOVE AND REPLACE TOP PORTION OF DRAINAGE STRUCTURE TO THE LIMITS DIRECTED BY THE ENGINEER. EXISTING MASONRY OR BLOCK MAY BE REUSED IF IN GOOD CONDITION. PAID BY THE VERTICAL FOOT OF STRUCTURE DEPTH AS STRUCTURE, REBUILD.

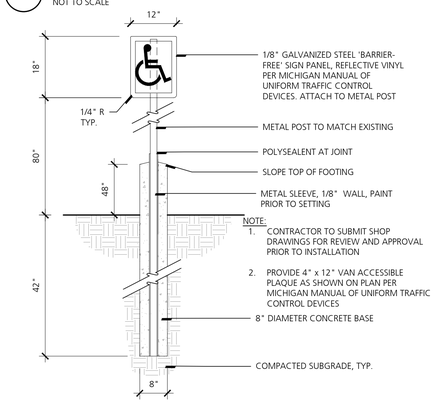
10 Manhole Cover Adjustment and Structure Rebuild
NO SCALE



11 Trench Detail
NO SCALE

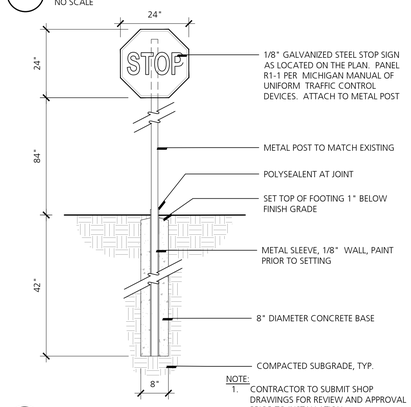


12 Stone Apron Detail
NO SCALE



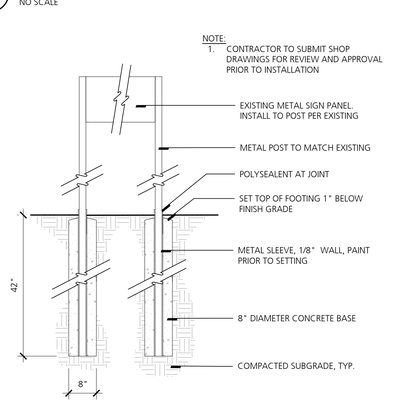
NOTE:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION
2. PROVIDE 4" x 12" VAN ACCESSIBLE PLAQUE AS SHOWN ON PLAN PER MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

13 Barrier Free Parking Sign Detail
NO SCALE



NOTE:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION

14 Stop Sign Detail
NO SCALE



NOTE:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION

15 Reinstallation Sign Detail
NO SCALE

Know what's below. Call before you dig.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R (i)
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Site Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

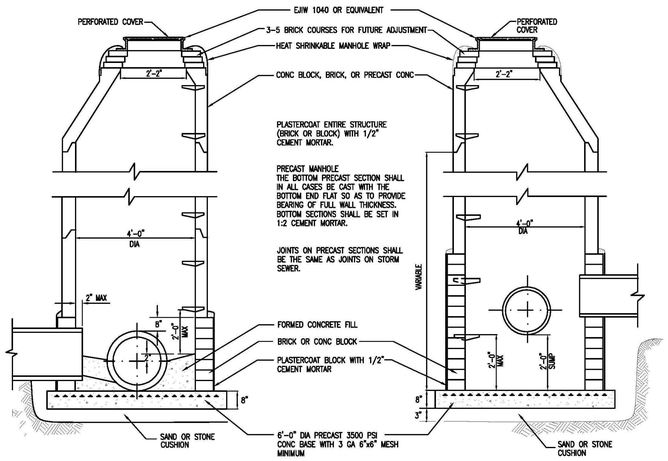
C107.00

MH STEP SPACING:
CONC BLOCK MH ---- 18" CENTERS
BRICK MH ---------- 15" CENTERS
PRECAST MH -------- 16" CENTERS
TOP STEP TO BE 21" BELOW TOP OF FRAME

MIN CONE HEIGHTS:
BRICK CONCENTRIC 3'-0"
BLOCK CONCENTRIC 3'-0"
PRECAST ECCENTRIC 2'-8" OR 3'-4"

CONC BLOCK MANHOLE:
APPROVED CONC BLOCK
USE 8" OR 8" THICK BLOCK TO 16' DEPTH
USE 12" THICK BLOCK TO 24' DEPTH
16" BLOCK WALL BELOW 24' DEPTH

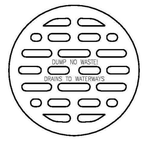
PRECAST MANHOLE:
C-478-72 UP TO 32' DEPTH
WITH 5" THICK WALL



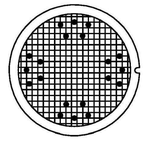
DETAIL FOR SEWERS 21" AND LARGER

DETAIL FOR SEWERS 18" AND SMALLER

STANDARD STORM MANHOLES



TYPE M COVER
EJIW 1040

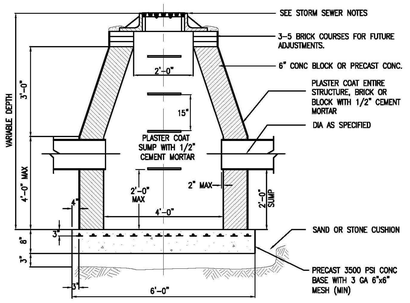


TYPE B COVER
EJIW 1040

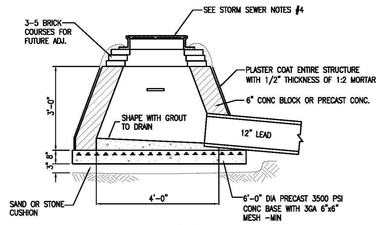


TYPE N COVER
BEEHIVE
EJIW 1040

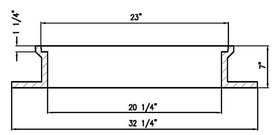
TYPE MI COVER (TOP VIEW)



STANDARD CATCH BASIN



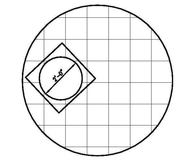
YARD BASIN



STANDARD FRAME SERIES 1000 & 3000

STORM SEWER NOTES

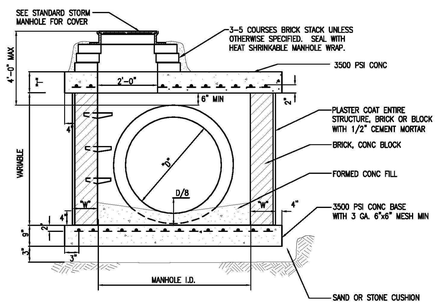
1. ALL CASTING RIMS SHALL BE SET TO GRADE AS FURNISHED OR APPROVED BY THE VILLAGE ENGINEER.
2. ALL STORM SEWER PIPE SHALL BE C76-IV REINFORCED CONCRETE PIPE UNLESS OTHERWISE APPROVED BY THE VILLAGE.
3. ALL CATCH BASIN LEADS SHALL BE A MINIMUM OF 12" DIAMETER C76-IV REINFORCED CONCRETE UNLESS OTHERWISE APPROVED BY THE VILLAGE.
4. CATCH BASIN AND INLET FRAME AND COVERS SHALL BE SPECIFIED AS FOLLOWS:
   A. WHEN LOCATED IN PAVEMENT EDGE GUTTER LINE, FRAME AND COVER SHALL BE EJIW NO. 5080 OR EQUIVALENT.
   B. WHEN LOCATED IN PAVED AREAS OTHER THAN EDGE GUTTER LINE, FRAME SHALL BE EJIW NO. 1040 WITH TYPE "M" COVER OR EQUIVALENT.
   C. WHEN LOCATED IN YARD AREAS, FRAMES SHALL BE EJIW NO. 1040 WITH TYPE "N" COVER OR EQUIVALENT.
5. MANHOLE STEPS WILL BE REINFORCED POLYPROPYLENE PLASTIC #PS-2-PF'S OR APPROVED EQUAL.
6. RUBBER JOINTS SHALL BE USED IN LOCATIONS WHERE THE HYDRAULIC GRADIENT IS ABOVE THE PIPE AND WHEN THE STORM SEWER IS LOCATED IN AN EASEMENT AREA.
7. ALL DRAINAGE SYSTEM CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS AND GENERAL SPECIFICATIONS OF THE VILLAGE OF DEXTER (ADOPTED XX/XX/2011) AND THE AGENCY OR AGENCIES HAVING JURISDICTION OVER THE CONSTRUCTION AREA.



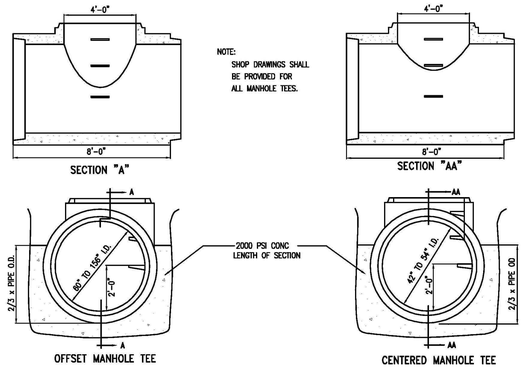
TOP SLAB

OUTLET "D"	MH I.D.	TOP SLAB "t"	WALLS "w"	REINF. STEEL *
** 24" OR LESS	4'-0"	9"	8"	#6 @ 9" EA. WAY
30"	4'-0"	9"	8"	#6 @ 9" EA. WAY
36"	4'-0"	9"	12"	#6 @ 9" EA. WAY
42"	5'-0"	10"	12"	#6 @ 9" EA. WAY
48" 54"	6'-0"	11"	12"	#7 @ 9" EA. WAY

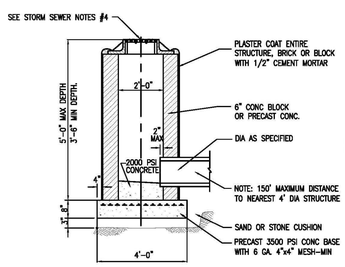
* TOP SLAB
** 2' SUMP REQ. FOR MANHOLE WITH OUTLETS OF 18" AND UNDER.



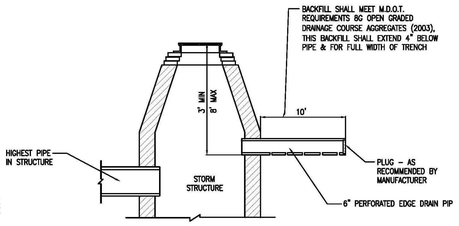
TYPICAL SECTION MANHOLE "D"



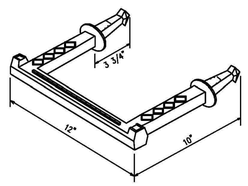
STANDARD MANHOLE TEES



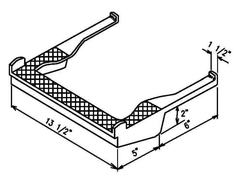
STANDARD INLET



STANDARD UNDERDRAIN



MANHOLE STEP
M.A. PSI-375



STANDARD MANHOLE STEP
EJIW 8502

VILLAGE OF DEXTER
STORM SEWER
STANDARD DETAILS

SHEET X OF X

DRAWING PATH: S:\CVT\Dexter\Village\Standards\CAD\Dexter_SanStnd2.dwg Jan 31, 2012 - 4:03pm

COPYRIGHT 2007 OHM ALL DRAWINGS AND WRITTEN MATERIALS APPEARING HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF OHM AND THE SAME MAY NOT BE DUPLICATED, DISTRIBUTED, OR DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF OHM

OHM
34000 Plymouth Road | Livonia, MI 48150 | P (734) 522-6711 | F (734) 522-6427 | WWW.OHM-ADVISORS.COM

CITY/TWP/VILLAGE: VILLAGE OF DEXTER
COUNTY: WASHTENAW COUNTY
JOB #
SCALE: H: NTS V: NTS
DESIGNED: KDF
DRAWN: KDF
CHECKED: JKM
APPROVED: JKM
DATE: 02/14/08

TMP ARCHITECTURE
TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services
Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103
734.663.2622 ph
734.663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Storm Standard Details

ISSUE DATES

03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

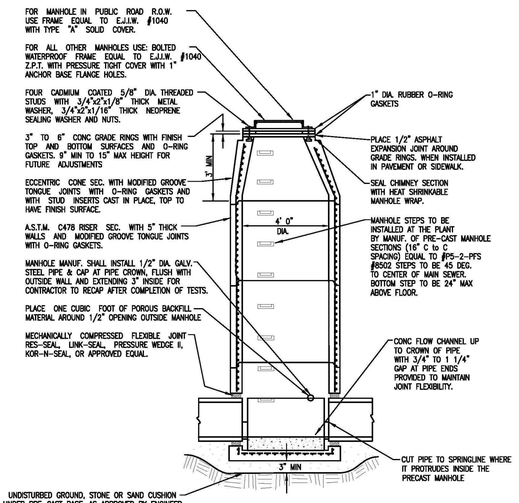
DATE: ISSUED FOR:

DRAWN F. Tang
CHECKED M. Franklin
APPROVED B. Barrick

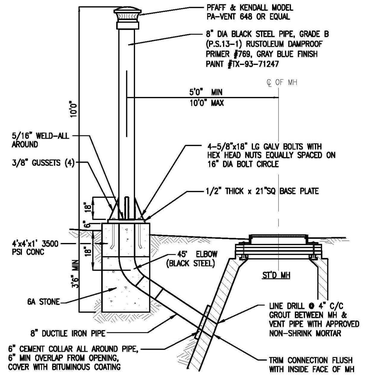
PROJECT NO.
25026D

DRAWING NO.
C107.01

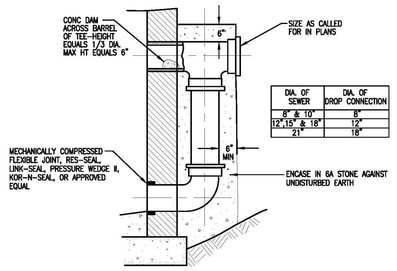
Know what's below. Call before you dig.



STANDARD SANITARY MANHOLE FOR SEWERS 8" THRU 21"



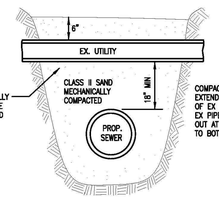
STANDARD VENT ASSEMBLY



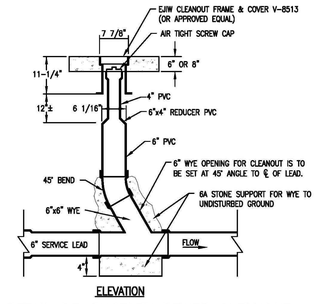
DROP CONNECTION

SANITARY SEWER NOTES

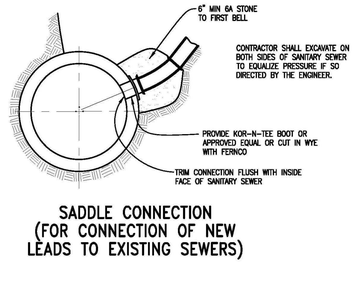
1. ALL MANHOLE RIMS SHALL BE SET TO GRADE AS APPROVED BY THE VILLAGE ENGINEER.
2. RISERS ON SANITARY SEWERS SHALL BE INSTALLED IN LOCATIONS WHERE SEWER IS OVER 10' DEEP. RISERS SHALL BE INSTALLED TO A DEPTH OF 10 FEET BELOW THE FINISHED GROUND ELEVATION.
3. ONE SANITARY SEWER SERVICE LEAD SHALL BE PROVIDED FOR EACH LOT ALONG THE ROUTE OF THE SANITARY SEWER UNLESS OTHERWISE SPECIFIED. THE SANITARY SEWER SERVICE LEAD SHALL EXTEND A MINIMUM OF 2 FEET BEYOND THE PRIVATE UTILITY EASEMENT.
4. ALL MANHOLES SHALL USE ECCENTRIC CONES PLACED TOWARD THE PROPERTY LINE UNLESS OTHERWISE NOTED.
5. HEAT SHRINKABLE MANHOLE WRAPS TO BE PLACED ON ALL MANHOLES.
6. INFILTRATION FOR ANY SECTION OF SEWERS SHALL NOT EXCEED 100 GALLONS PER INCH DIAMETER PER MILE OF SEWER PER 24 HOURS.
7. NO FOOTING OR ROOF DRAINS SHALL BE CONNECTED TO THE SANITARY SEWER.
8. DIFFERENTIAL OF EXCAVATION AROUND EXISTING MANHOLES SHALL NOT EXCEED 6 FEET.
9. NO CONNECTION RECEIVING STORM WATER, SURFACE WATER OR GROUND WATER SHALL BE MADE TO SANITARY SEWERS.
10. ALL SANITARY SEWERS SHALL BE SUBJECT TO TELEVISION INSPECTION AND AIR INFILTRATION OR EXFILTRATION TESTS, OR A COMBINATION OF SAME, PRIOR TO ACCEPTANCE. ALL SEWERS OVER 24 INCHES IN DIAMETER SHALL BE SUBJECTED TO INFILTRATION TESTS. ALL SEWERS 24 INCHES IN DIAMETER AND SMALLER, WHERE THE GROUND WATER LEVEL ABOVE THE TOP OF THE PIPE IS OVER 2 FEET, SHALL BE SUBJECTED TO INFILTRATION TESTS. ALL SEWERS 24 INCHES IN DIAMETER OR SMALLER, WHERE THE GROUND WATER LEVEL ABOVE THE TOP OF THE PIPE IS 2 FEET OR LESS, SHALL BE SUBJECTED TO AIR TESTS OR EXFILTRATION TESTS.
11. ALL SEWER SYSTEM CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS AND GENERAL SPECIFICATIONS OF THE VILLAGE OF DEXTER (ADOPTED XX/XX/2011) AND THE AGENCY OR AGENCIES HAVING JURISDICTION OVER THE CONSTRUCTION AREA.
12. ALL SEWERS SHALL BE TELEVISED, WITH TEST RESULTS APPROVED BY THE VILLAGE ENGINEER OR THE VILLAGE OF DEXTER UTILITIES DEPARTMENT PRIOR TO PLACING THE SEWER IN SERVICE. COPIES OF THE TAPE MUST BE SUBMITTED TO THE VILLAGE OF DEXTER AND WILL NOT BE RETURNED.
13. MANDREL TESTING SHALL TAKE PLACE TO ENSURE THE FLEXIBLE PIPE HAS BEEN PROPERLY BEDDED AND BACKFILLED. THE DEFLECTION TEST MUST BE CONDUCTED NO LESS THAT 30 DAYS AFTER INSTALLATION OF FINAL BACKFILL. THE MAXIMUM ALLOWED DEFLECTION IS 5%. A NINE-ARM (POINT) MANDREL SHALL BE USED.
14. ALL SANITARY SEWER STUBS SHALL HAVE A WATER AND AIR TIGHT BULKHEAD WITH A MARKER DESIGNATING THE LOCATION OF THE STUB.
15. ALL ELEVATIONS ARE BASED ON USGS DATUM.
16. NO DEBRIS, FROZEN MATERIAL, OR ORGANIC MATERIAL MAY BE PLACED WITHIN 2 FEET OF THE TOP OF THE PIPE. HIGHLY COMPRESSIBLE OR ORGANIC SOILS IN FOUNDATION AREA MAY NEED TO BE REPLACED.



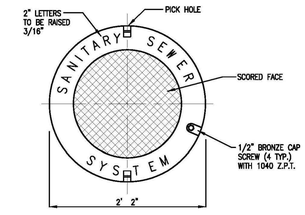
STANDARD PIPE SUPPORT SANITARY OR STORM

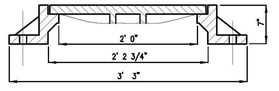


DETAIL OF SANITARY SEWER CLEANOUT



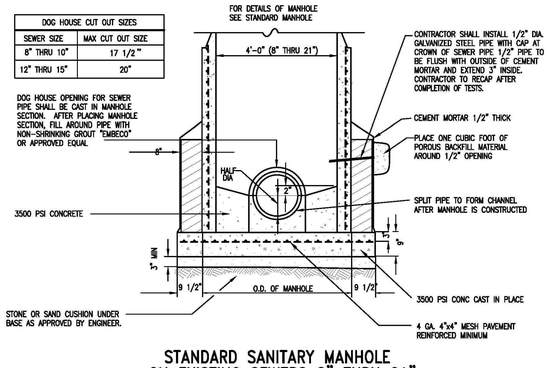
SADDLE CONNECTION (FOR CONNECTION OF NEW LEADS TO EXISTING SEWERS)



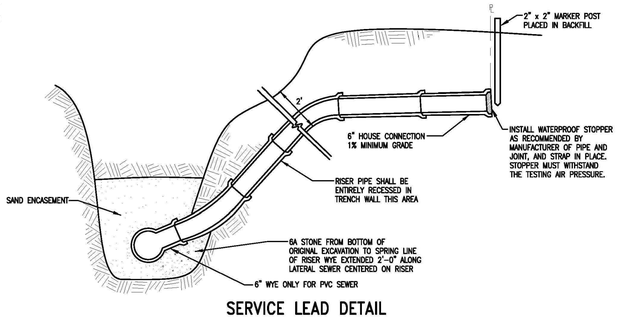


STANDARD FRAME & COVER
E.J.I.W. #1040 TYPE AGS

DOG HOUSE CUT OUT SIZES	
SEWER SIZE	MAX CUT OUT SIZE
8" THRU 10"	17 1/2"
12" THRU 15"	20"

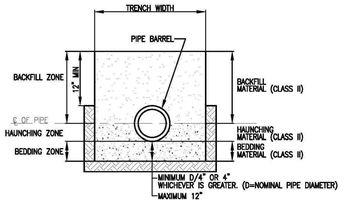


STANDARD SANITARY MANHOLE ON EXISTING SEWERS 8" THRU 21"



SERVICE LEAD DETAIL

MAX WIDTH OF TRENCH 12" ABOVE TOP OF PIPE
6" THRU 12" PIPE 30" WIDE
15" THRU 21" PIPE – OD+16"
MIN WIDTH OF TRENCH 12" ABOVE THE TOP OF THE PIPE SHALL BE 6" ON EACH SIDE OF PIPE.



PVC SDR 26 PIPE (D3034) PER ASTM D2321-91

NOTES:
1. CLASS II MATERIAL MUST BE IN ACCORDANCE WITH VILLAGE SPECIFICATIONS AND MAY USED FOR THE BEDDING, HAUNCHING AND BACKFILL AREAS, UPON WRITTEN APPROVAL OF THE PROJECT ENGINEER.

PIPE BEDDING DETAILS

DRAWING PATH: C:\Users\mgoodwin\Desktop\Dexter_SanStnd.dwg Nov 02, 2011 - 11:27am

OHM

DATE	BY	DESCRIPTION
02/14/08		

CADD: JK/KC | DESIGNER: | PROJ.MGR: | SECTION: | TOWN: | RANGE: | COUNTY: WASHTENAW COUNTY | CITY/TWP/VILLAGE: VILLAGE OF DEXTER | JOB #: | SCALE: H: NTS V: NTS | DATE: | REVISIONS: | DATE: | REVISIONS: | DATE: | VERIFIED/DATUM:

34000 Plymouth Road | Livonia, MI 48150 | P (734) 522-6711 | F (734) 522-6427 | WWW.OHM-ADVISORS.COM

ALL DRAWINGS AND WRITTEN MATERIALS APPEARING HEREIN CONSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF OHM AND THE SAME MAY NOT BE DUPLICATED, DISTRIBUTED, OR DISCLOSED WITHOUT PRIOR WRITTEN CONSENT OF OHM
COPYRIGHT 2007 OHM ALL DRAWINGS AND WRITTEN MATERIALS APPEARING

VILLAGE OF DEXTER
SANITARY SEWER
STANDARD DETAILS

SHEET X OF X

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Sanitary Standard Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

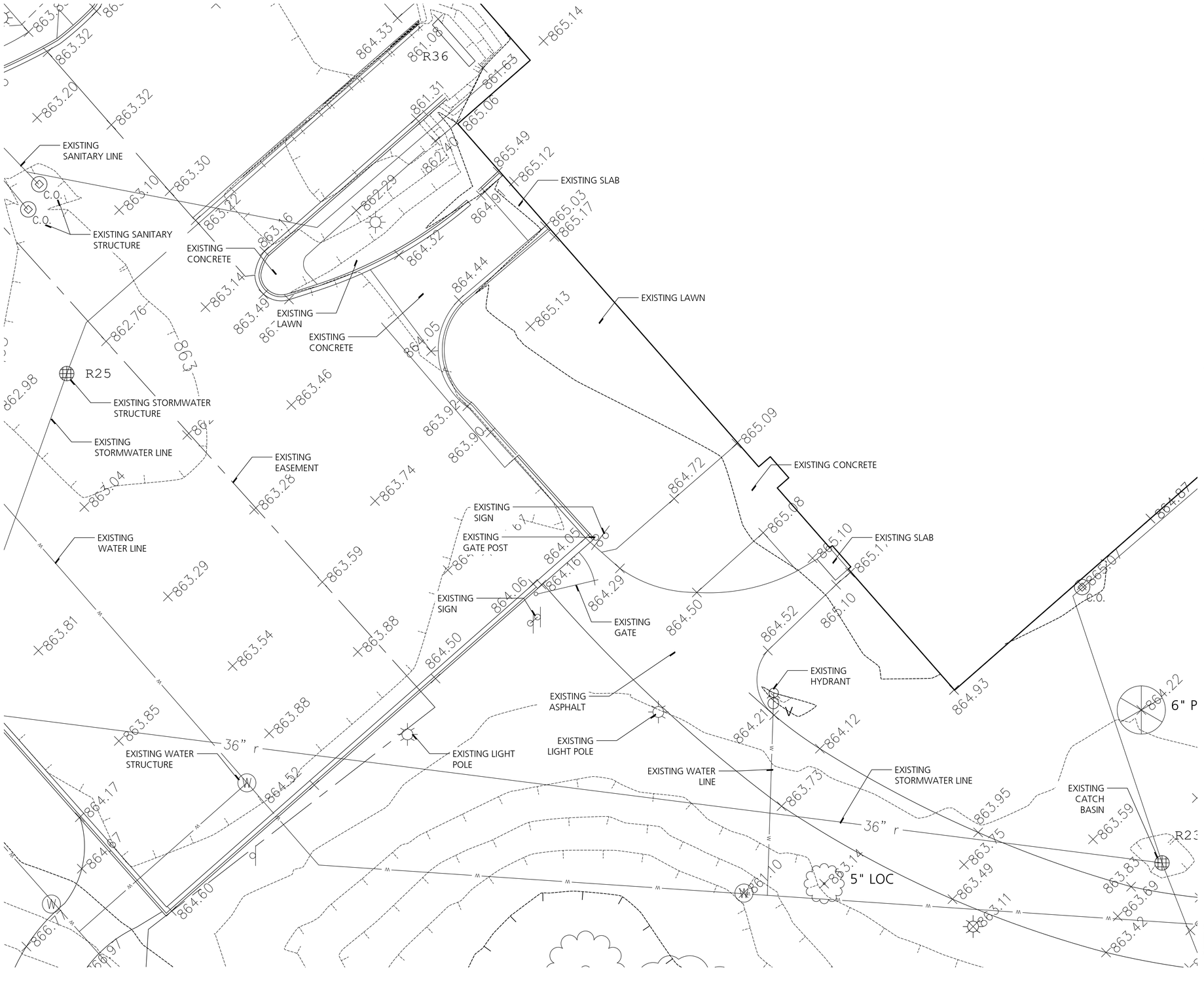
PROJECT NO.

25026D

DRAWING NO.

C107.02

811 Know what's below. Call before you dig.



EXISTING CONDITIONS LEGEND

- SECTION CORNER
- FOUND IRON PIPE
- CONTROL POINT
- ROUND CATCH BASIN
- SQUARE CATCH BASIN
- STORM MANHOLE
- CULVERT/END SECTION
- DOWN SPOUT
- SANITARY MANHOLE
- SANITARY MANHOLE
- LIGHT POLE
- UTILITY POLE
- GUY POLE
- GUY ANCHOR
- ELECTRIC RISER
- TRANSFORMER
- WATER MANHOLE
- FIRE HYDRANT
- GATE VALVE & BOX
- WATER SHUT OFF VALVE
- WELL
- POST INDICATOR VALVE
- TELEPHONE POLE
- TELEPHONE RISER
- POLICE/EMERGENCY CALL
- TELEPHONE RISER
- SIGN
- MAIL BOX
- POST/BOLLARD
- EXISTING TREE
- CURB AND GUTTER
- CHAIN LINK FENCE
- EASEMENT LINE
- PARCEL LINE
- RIGHT-OF-WAY LINE
- 886 MINOR CONTOUR
- 886 MAJOR CONTOUR
- U/G ELEC. ELECTRIC LINE
- 12"g GAS MAIN
- 12"w WATER MAIN
- 12"s STORM LINE
- 12"s SANITARY LINE
- U/G COMM. COMM LINE

EXISTING CONDITIONS NOTES

SEE C101.00 FOR EXISTING CONDITIONS NOTES.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School CTE Addition

Dexter Community Schools

DRAWING TITLE

Existing Conditions - CTE Addition

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

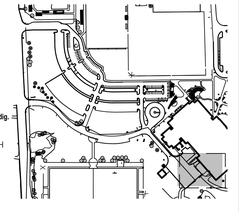
PROJECT NO.

25026D

DRAWING NO.

C201.00

KEY PLAN



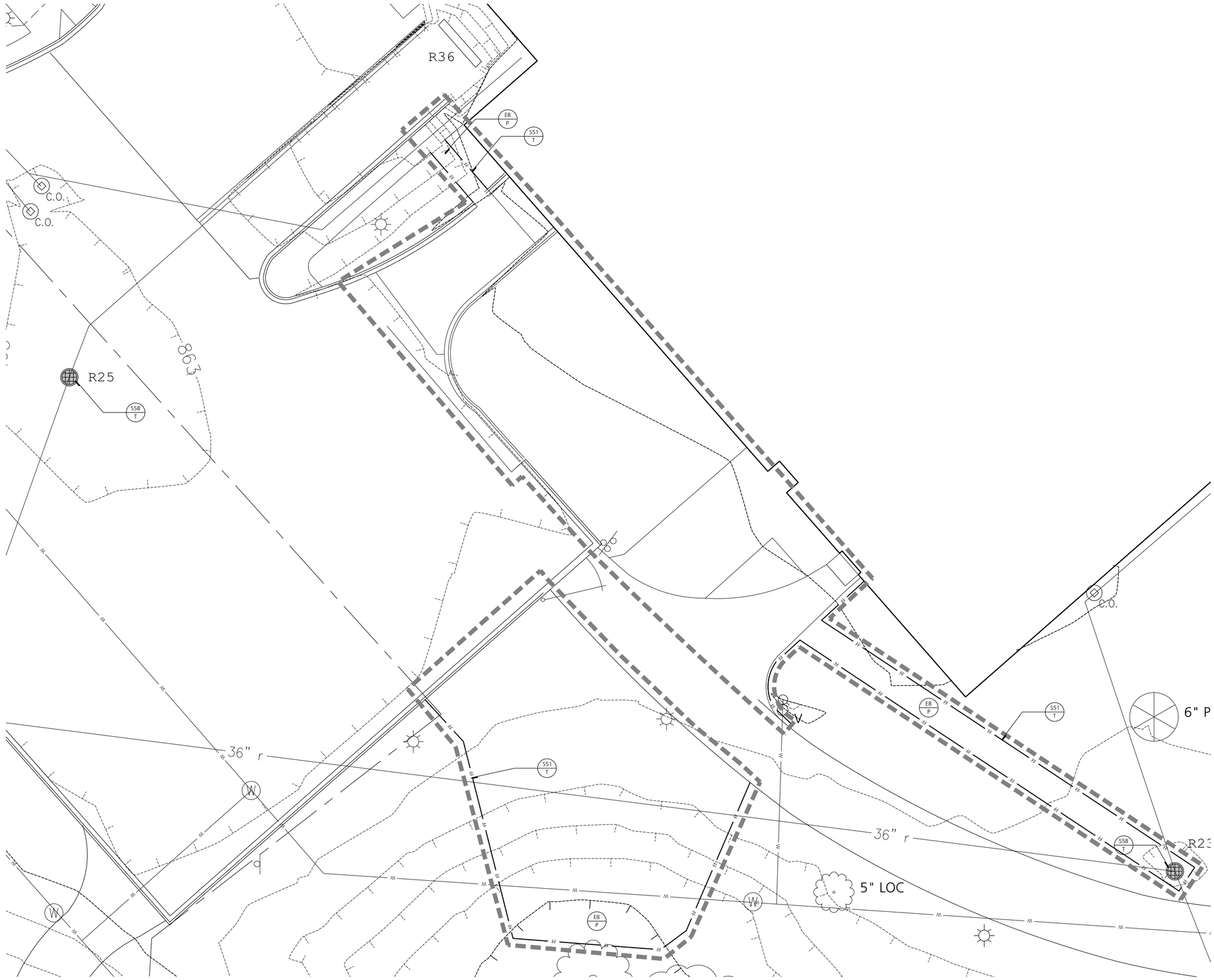
Know what's below. Call before you dig.

NORTH

SCALE: 1" = 10'

0 5 10 20 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.



MDTMB SESC LEGEND

NOTE: SEE SPECIFICATIONS FOR WRITTEN DESCRIPTION INSTALLATION AND MAINTENANCE.

S51 — MTDMB SILT FENCE KEY SYSTEM: USE ADJACENT TO CRITICAL AREAS, TO PREVENT SEDIMENT LADEN SHEET FLOW FROM ENTERING THESE AREAS.

S53 — MTDMB STABILIZED CONSTRUCTION ACCESS KEY SYSTEM: USED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. ALL CONSTRUCTION ACCESS POINTS ARE NEW, IF NEEDED.

S58 — MTDMB INLET PROTECTION FABRIC DROP SYSTEM: USE AT STORMWATER INLETS, ESPECIALLY AT CONSTRUCTION SITES

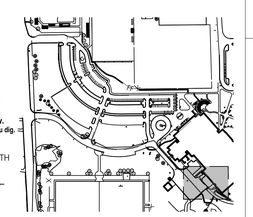
E8 — MTDMB PERMANENT SEEDING / SODDED KEY SYSTEM: STABILIZATION METHOD UTILIZED ON SITES WHERE EARTH CHANGE HAS BEEN COMPLETED (FINAL GRADING ATTAINED) (REFERENCE SHEET L201.00 LANDSCAPE PLAN FOR PERMANENT SEEDING LOCATIONS.)

LIMIT OF DISTURBANCE

SESC NOTES

SEE C102.00 FOR SESC NOTES.

KEY PLAN



Know what's below. Call before you dig. 811

NORTH

SCALE: 1" = 10'

0 5 10 20 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R i
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School CTE Addition

Dexter Community Schools

DRAWING TITLE

Soil Erosion and Sedimentation Control - CTE Addition

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

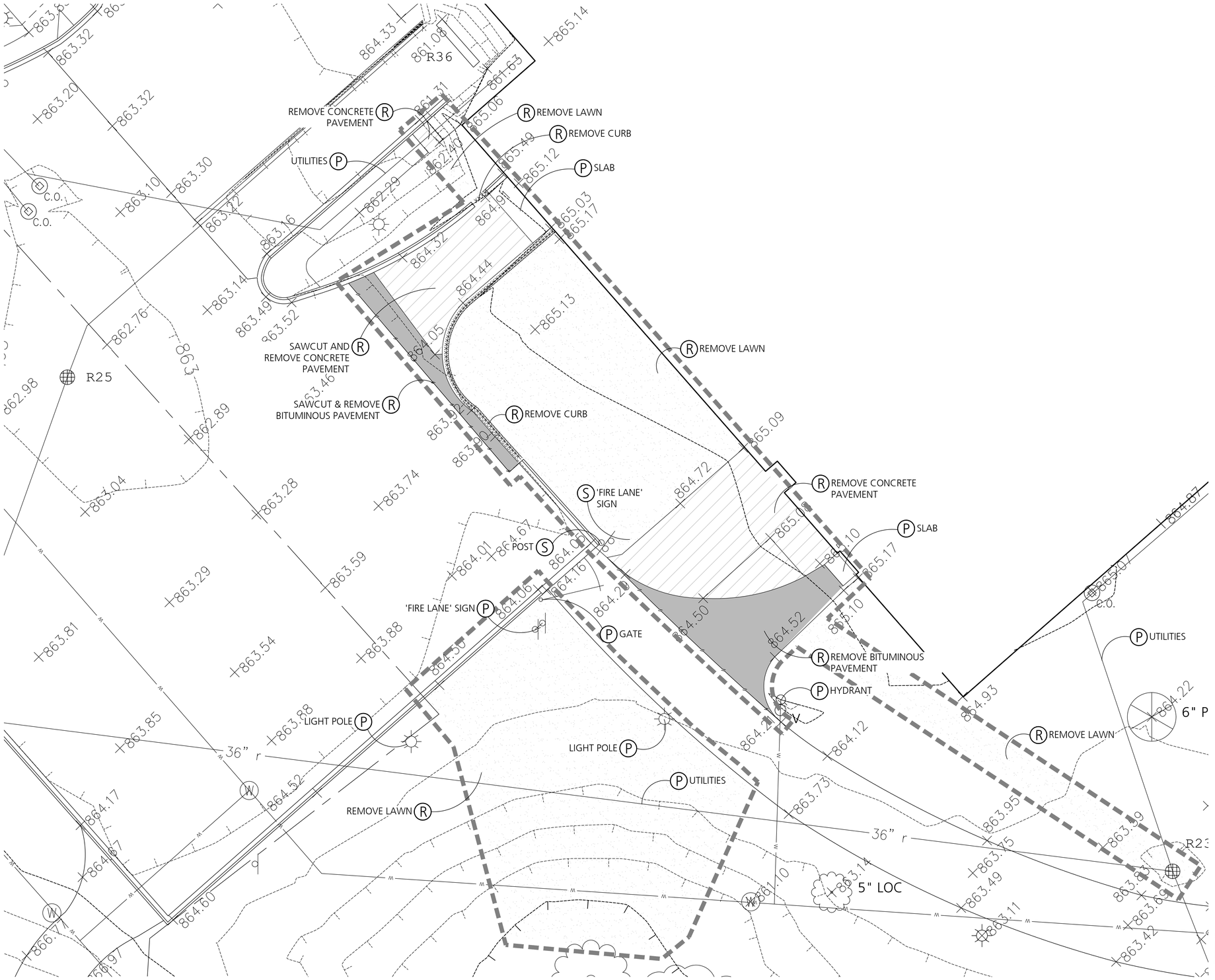
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C202.00



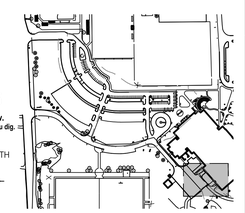
DEMOLITION LEGEND

- LIMIT OF DISTURBANCE
- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE LAWN
- XXXXXXXXXXXXXXXXXXXX REMOVE CURB & GUTTER
- SAWCUT LINE
- × REMOVE TREE
- (R) REMOVE ITEM
- (P) PROTECT ITEM
- (S) SALVAGE ITEM

DEMOLITION NOTES

SEE C103.00 FOR DEMOLITION NOTES.

KEY PLAN



Know what's below. Call before you dig. 811

NORTH

SCALE: 1" = 10'

0 5 10 20 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ⓘ
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School CTE Addition

Dexter Community Schools

DRAWING TITLE

Demolition Plan - CTE Addition

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

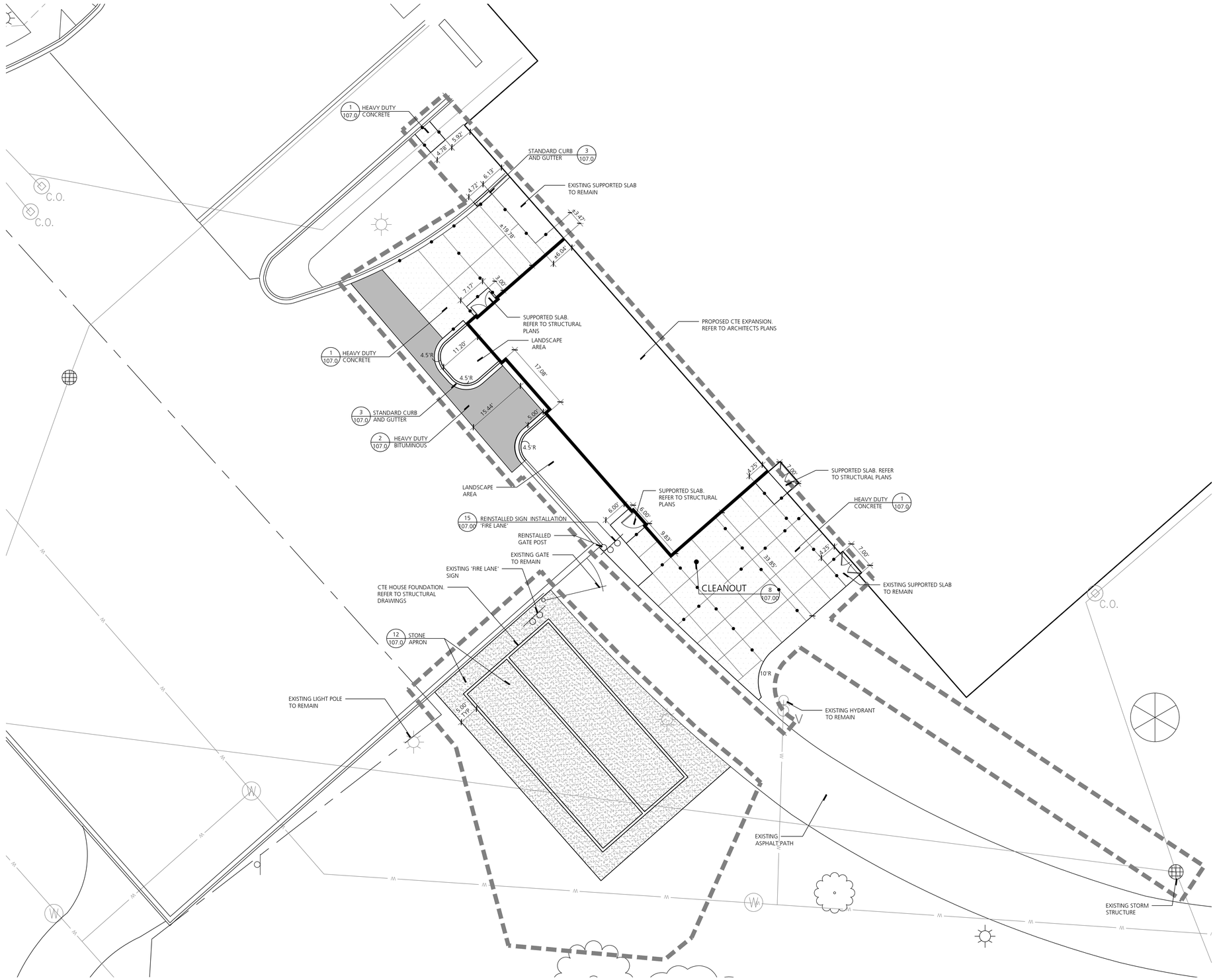
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C203.00



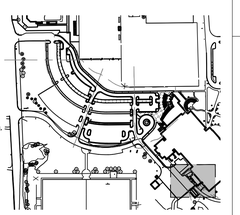
LAYOUT & MATERIALS LEGEND

- LIMIT OF DISTURBANCE
- PROPOSED BUILDING
- PROPOSED CONCRETE CURB & GUTTER
- PROPOSED WALL
- EXPANSION JOINT / CONTROL JOINT — H.D. CONCRETE PAVEMENT
- PROPOSED HEAVY DUTY BITUMINOUS PAVEMENT
- PROPOSED PEDESTRIAN LIGHT
- PROPOSED 6" DRAIN BASIN

LAYOUT & MATERIALS NOTES

SEE C104.00 FOR LAYOUT & MATERIALS NOTES.

KEY PLAN



Know what's below. Call before you dig.

NORTH

SCALE: 1" = 10'

0 10 10 20 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School CTE Addition

Dexter Community Schools

DRAWING TITLE

Layout & Materials Plan - CTE Addition

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

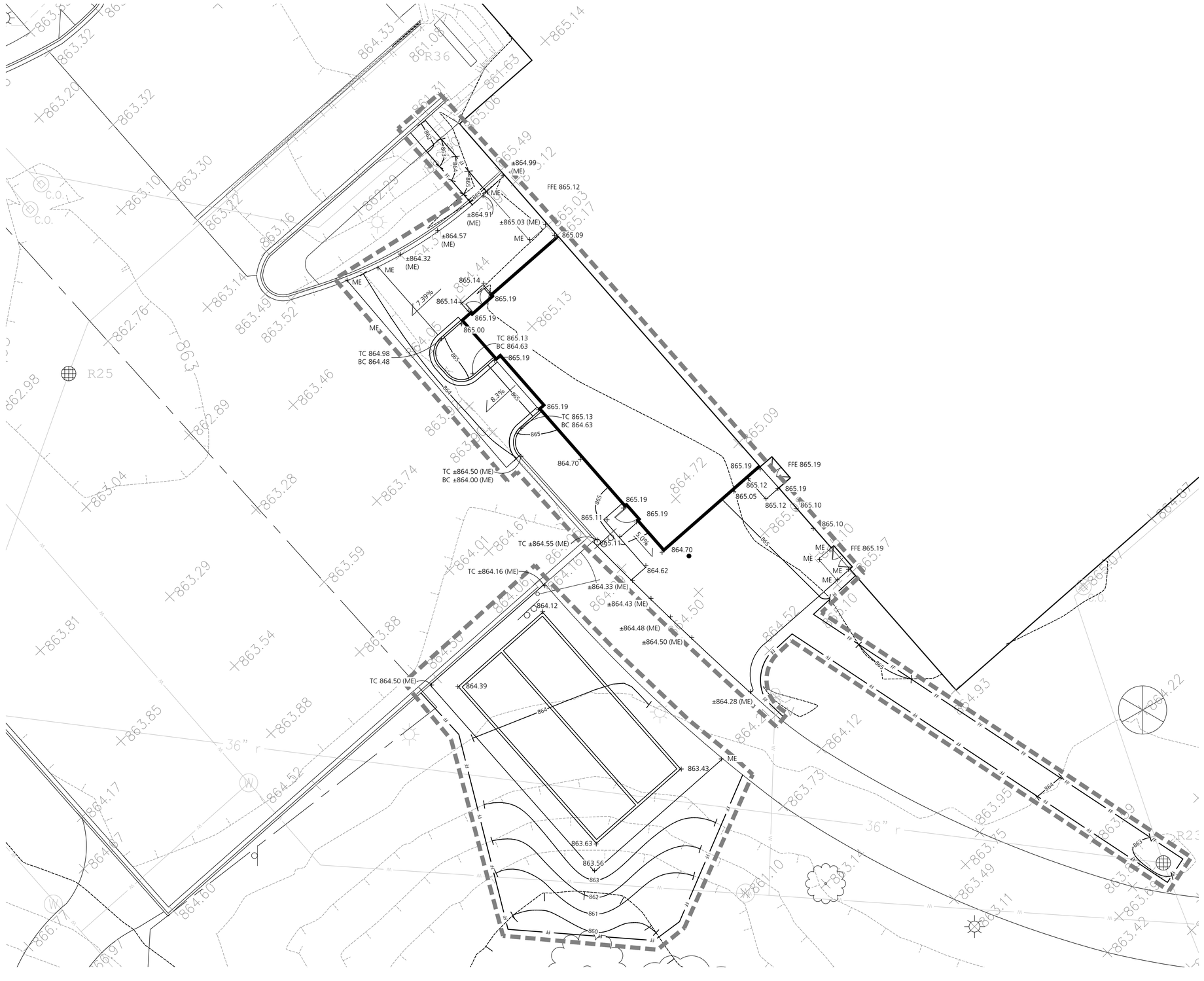
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C204.00



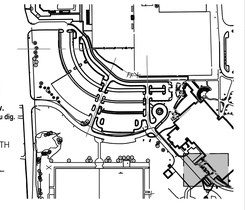
GRADING LEGEND

	LIMIT OF DISTURBANCE
884	EXISTING MINOR CONTOUR
885	EXISTING MAJOR CONTOUR
885	PROPOSED MINOR CONTOUR
888	PROPOSED MAJOR CONTOUR
ME	MATCH EXISTING GRADE
880.84	PROPOSED SPOT GRADE
TC 877.52	PROPOSED TOP OF CURB GRADE
BC 877.02	PROPOSED BOTTOM OF CURB GRADE
TW 877.52	PROPOSED TOP OF WALL GRADE
BW 877.02	PROPOSED BOTTOM OF WALL GRADE (FINISH GRADE)
RIM 889.00	PROPOSED RIM ELEVATION
INV 873.25	PROPOSED INVERT ELEVATION

GRADING NOTES

SEE C105.00 FOR GRADING NOTES.

KEY PLAN



Know what's below. Call before you dig.

NORTH

SCALE: 1" = 10'

0 5 10 20 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ⓘ
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Grading Plan - CTE Addition

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

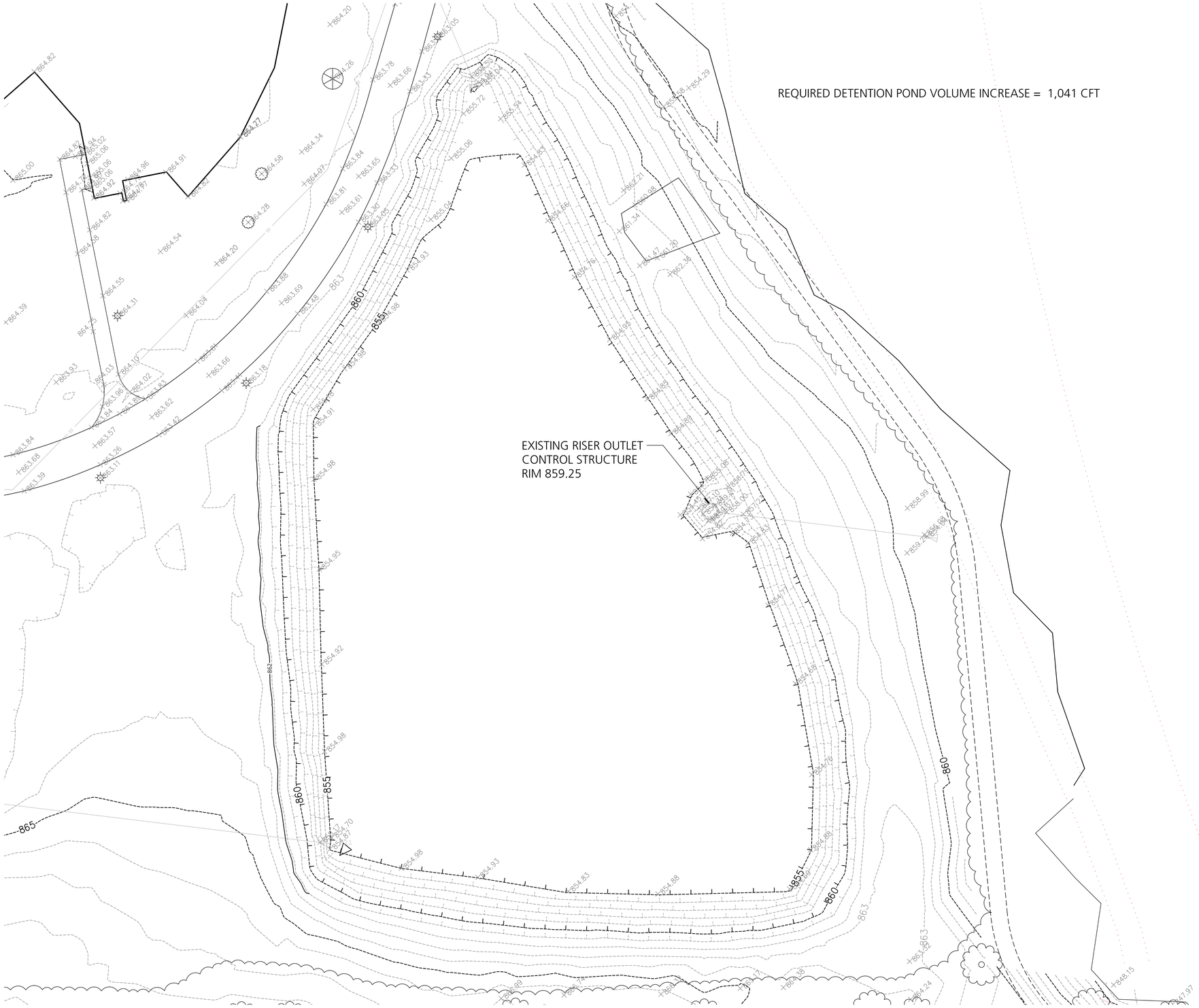
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C205.00



GRADING LEGEND

	LIMIT OF DISTURBANCE
884	EXISTING MINOR CONTOUR
885	EXISTING MAJOR CONTOUR
885	PROPOSED MINOR CONTOUR
888	PROPOSED MAJOR CONTOUR
ME	MATCH EXISTING GRADE
880.84	PROPOSED SPOT GRADE
TC 877.52	PROPOSED TOP OF CURB GRADE
BC 877.02	PROPOSED BOTTOM OF CURB GRADE
TW 877.52	PROPOSED TOP OF WALL GRADE
BW 877.02	PROPOSED BOTTOM OF WALL GRADE (FINISH GRADE)
RIM 889.00	PROPOSED RIM ELEVATION
INV 873.25	PROPOSED INVERT ELEVATION

GRADING NOTES

SEE C105.00 FOR GRADING NOTES.

KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Grading Plan - CTE Addition

ISSUE DATES

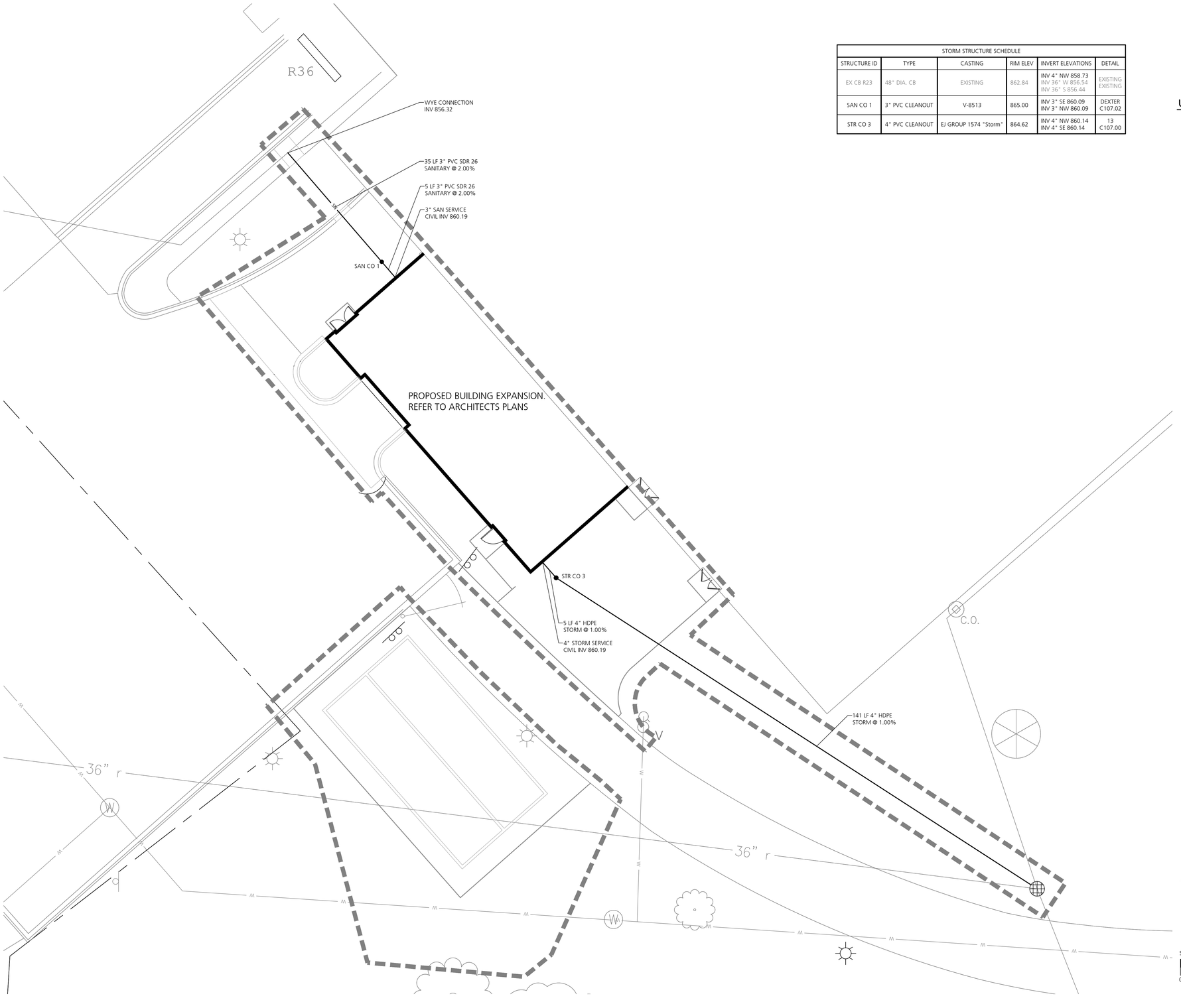
03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C205.01



UTILITIES NOTES

LIMIT OF DISTURBANCE

156 LF 4" HDPE STORM @ 0.34% — PROPOSED STORM LINE

167 LF 3" PVC SAN SDR 26 @ 2.00% — PROPOSED SANITARY LINE

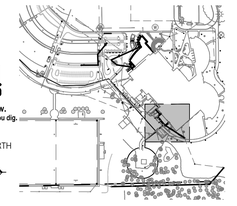
PROPOSED SANITARY CLEANOUT

STORM STRUCTURE SCHEDULE					
STRUCTURE ID	TYPE	CASTING	RIM ELEV	INVERT ELEVATIONS	DETAIL
EX CB R23	48" DIA. CB	EXISTING	862.84	INV 4" NW 858.73 INV 36" W 856.54 INV 36" S 856.44	EXISTING EXISTING
SAN CO 1	3" PVC CLEANOUT	V-8513	865.00	INV 3" SE 860.09 INV 3" NW 860.09	DEXTER C107.02
STR CO 3	4" PVC CLEANOUT	EJ GROUP 1574 "Storm"	864.62	INV 4" NW 860.14 INV 4" SE 860.14	13 C107.00

UTILITIES NOTES

1. PROPOSED CONTOUR LINES AND SPOT ELEVATIONS REFLECT FINISH GRADES. HOLD DOWN SUBGRADE ELEVATIONS ACCORDINGLY. ADJUST RIM ELEVATIONS OF ALL UTILITIES AFFECTED BY WORK IN THIS CONTRACT. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE ON THE SITE. ANY AREA THAT APPEARS TO NOT PROPERLY DRAIN SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT/ ENGINEER FOR RESOLUTION.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS, DEPTHS AND ELEVATIONS PRIOR TO CONSTRUCTION. NO CHANGES IN CONTRACT PRICE WILL BE AWARDED FOR ACTUAL DISCREPANCIES IN UTILITY LOCATIONS DUE TO THE FAILURE TO VERIFY ACTUAL FIELD LOCATIONS.
3. THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY HIS CONSTRUCTION OPERATIONS TO A CONDITION EQUAL TO OR BETTER THAN THAT EXISTING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CLEAN UP AND HAUL AWAY ALL CONSTRUCTION DEBRIS AND LITTER CAUSED BY HIS OPERATIONS.
4. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE INCURRED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
5. ALL UTILITY CROSSINGS SHALL HAVE A MINIMUM OF 18" VERTICAL CLEARANCE.
6. SEE ARCHITECTURAL AND MECHANICAL SHEETS FOR CONTINUATION OF UTILITIES WITHIN STRUCTURES.

KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 10'

0 5 10 20 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Ⓘ
Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School CTE Addition

Dexter Community Schools

DRAWING TITLE

Utilities Plan - CTE Addition

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

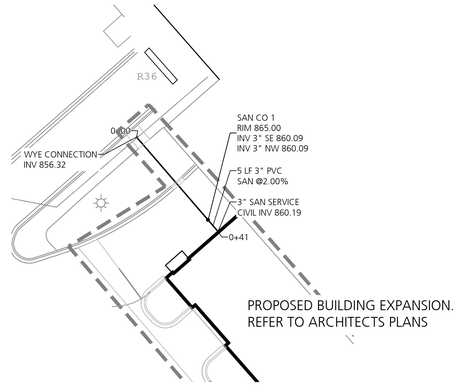
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

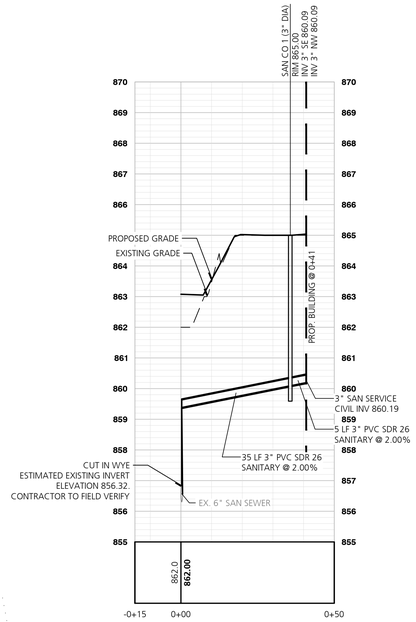
DRAWING NO.

C206.00



1 SAN LEAD EX. SAN TO BLDG TIE IN (PLAN 0+00 TO 0+41)

SCALE: 1" = 20'



2 SAN LEAD EX. SAN TO BLDG TIE IN (PROFILE 0+00 TO 0+41)

SCALE: HORIZONTAL - 1" = 20' VERTICAL - 1" = 2'

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ⓘ
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School CTE Addition

Dexter Community Schools

DRAWING TITLE

Sanitary Profile - CTE Addition

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

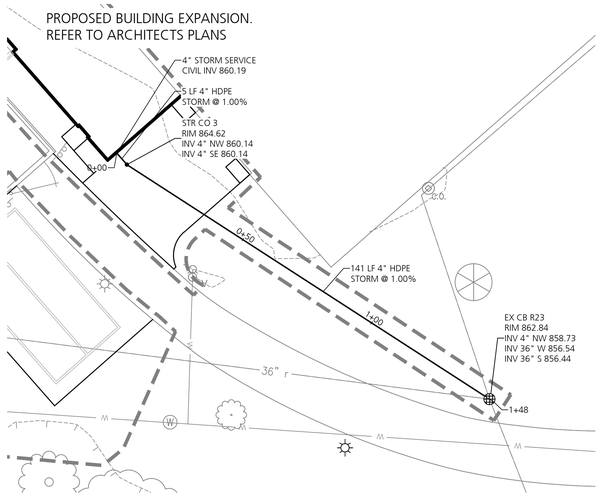
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

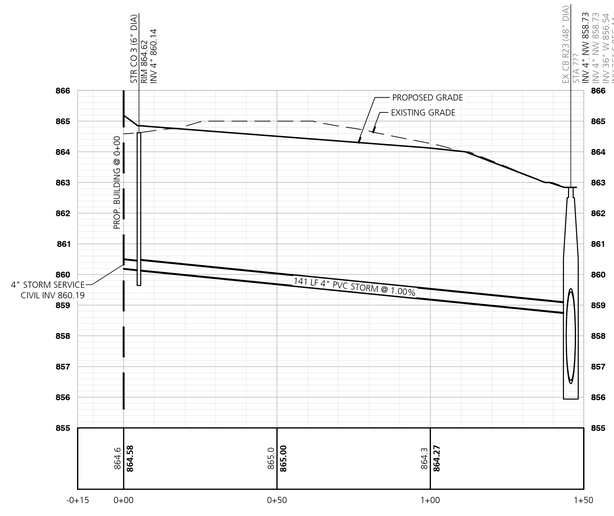
DRAWING NO.

C206.01



1 STR ROOF LEAD BLDG TO EX CB R23 (PLAN 0+00 TO 1+48)

SCALE: 1" = 20'



2 STR ROOF LEAD BLDG TO EX CB R23 (PROFILE 0+00 TO 1+48)

SCALE: HORIZONTAL - 1" = 20' VERTICAL - 1" = 2'

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Ⓘ
Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School CTE Addition

Dexter Community Schools

DRAWING TITLE

Storm Profile - CTE Addition

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

C206.02

LANDSCAPE LEGEND

- LIMIT OF DISTURBANCE
- PROPOSED ORNAMENTAL TREE
- PROPOSED SHRUB / PERENNIAL PLANTINGS
- PROPOSED SEEDED LAWN

LANDSCAPE NOTES

1. ALL DISTURBED LANDSCAPE/GRASS AREAS SHALL BE RESTORED BY THE CONTRACTOR BY INSTALLING A MINIMUM OF 4" DEPTH TOPSOIL, SEED AND STRAW MULCH.
2. ALL IMPORTED TOPSOIL SHALL BE SCREENED AND BE APPROVED BY LANDSCAPE ARCHITECT/ENGINEER PRIOR TO INSTALLATION. PROVIDE CERTIFICATION FOR ALL IMPORTED TOPSOIL.
3. ALL SEED AREAS IN SWALES AND ON SLOPES GREATER THAN 5:1 SHALL RECEIVE EROSION CONTROL BLANKETS

SEE L101.04 FOR ENLARGEMENT

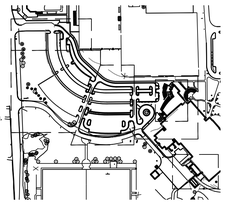
SEE L101.03 FOR ENLARGEMENT

SEE L101.02 FOR ENLARGEMENT

SEE L101.01 FOR ENLARGEMENT

SEE L201.00 FOR ENLARGEMENT

KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 50'

0 25 50 100 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Landscape Plan - Overall

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

L101.00

PLANT SCHEDULE

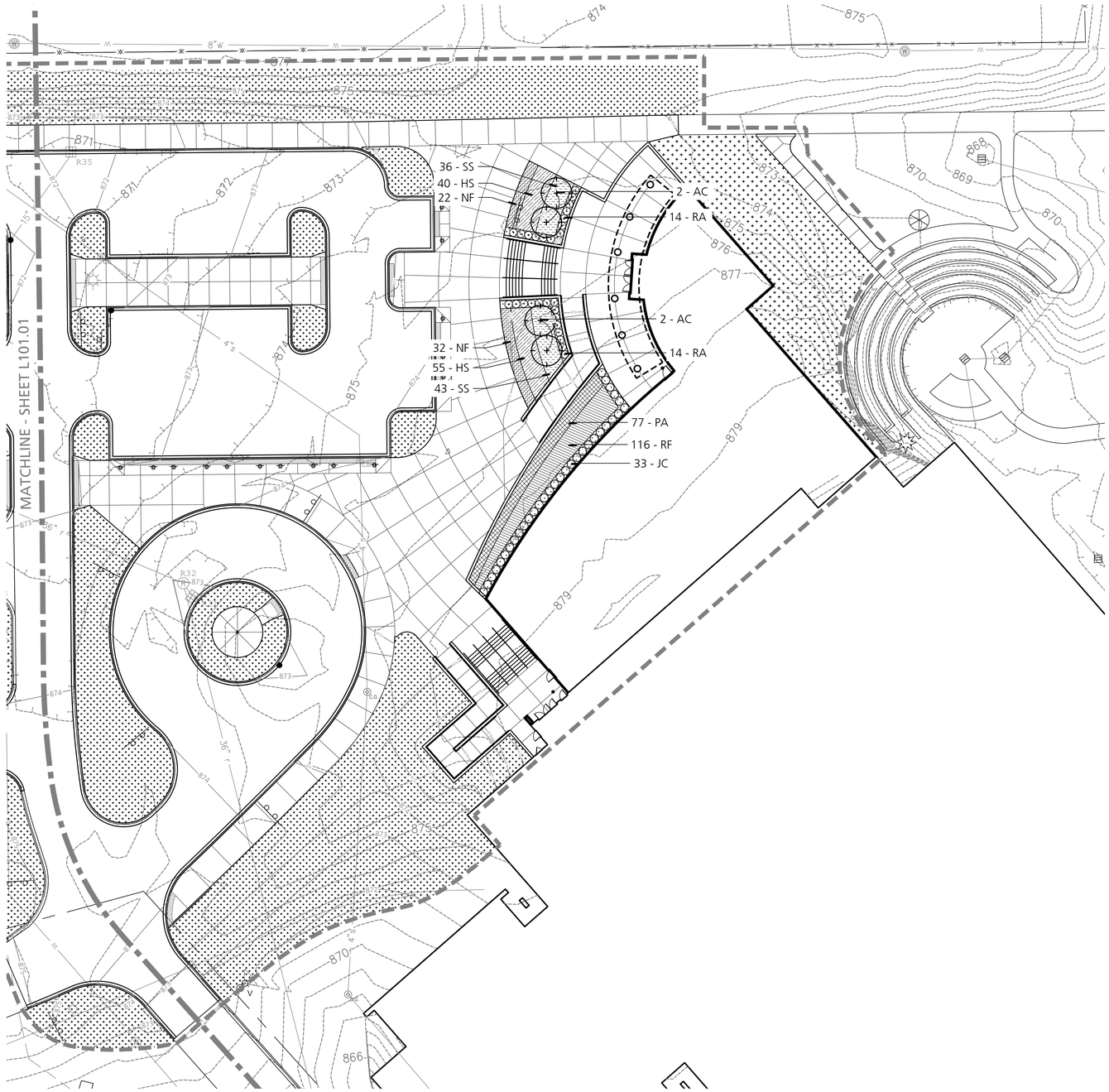
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	REMARKS
TREES							
AC	4	Amelanchier canadensis 'Autumn Brilliance'	Autumn Brilliance	10' HT	B&B		
SHRUBS							
RA	28	Rhus aromatica 'Gro-Low'	Gro-Low Sumac	3 gal.		3'-0" o.c.	
JC	33	Juniperus chinensis 'Nick's Compact'	Nick's Compact	5 gal.		3'-6" o.c.	
PERENNIAL PLANTING							
NF	54	Nepeta × faassenii 'Novanepjun'	Junior Walker Catmint	1 gal.		18" o.c.	
HS	95	Hemerocallis x'Stella D'Oro'	Stella D'Oro	1 gal.		18" o.c.	
SS	79	Sedum spectabile 'Autumn Joy'	Autumn Joy Sedum	1 gal.		18" o.c.	
RF	116	Rudbeckia fulgida var. sullivantii 'Goldsturm'	Goldsturm Black-eyed-susan	1 gal.		18" o.c.	
PA	77	Pennisetum alopecuroides 'Little Bunny'	Little Bunny Dwarf Fountain Grass	1 gal.		18" o.c.	

LANDSCAPE LEGEND

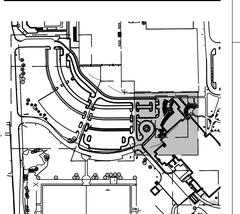
- LIMIT OF DISTURBANCE
- PROPOSED ORNAMENTAL TREE
- PROPOSED SHRUB / PERENNIAL PLANTINGS
- PROPOSED SEEDED LAWN

LANDSCAPE NOTES

SEE L101.00 FOR LANDSCAPE NOTES.



KEY PLAN



Know what's below. Call before you dig. 811

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Landscape Plan - Enlargement

ISSUE DATES

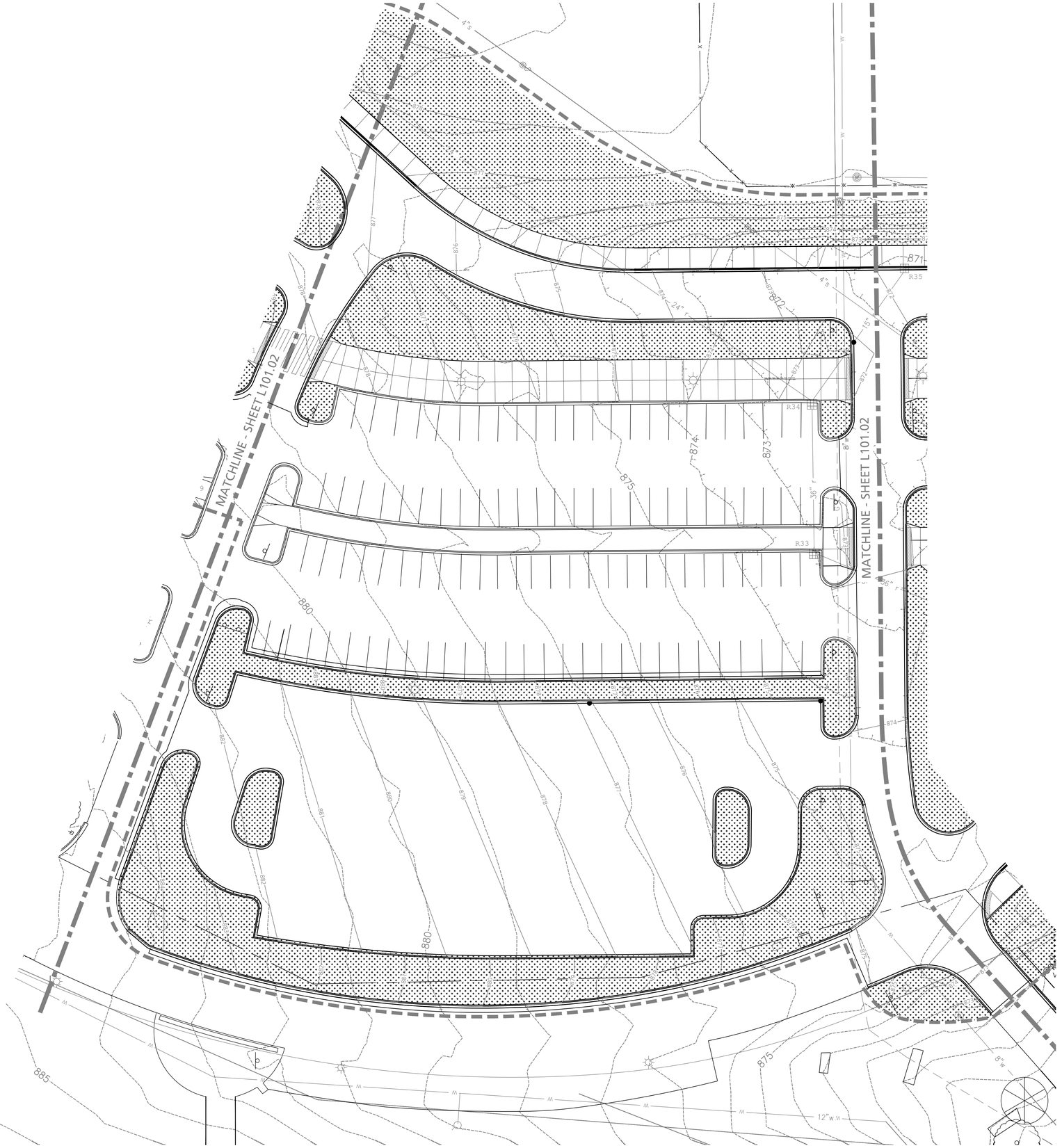
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

L101.01



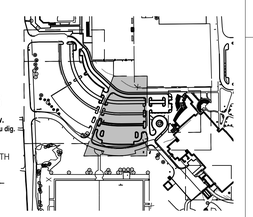
LANDSCAPE LEGEND

- LIMIT OF DISTURBANCE
- PROPOSED ORNAMENTAL TREE
- PROPOSED SHRUB / PERENNIAL PLANTINGS
- PROPOSED SEEDED LAWN

LANDSCAPE NOTES

SEE L101.00 FOR LANDSCAPE NOTES.

KEY PLAN



Know what's below. Call before you dig. 811

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Landscape Plan - Enlargement

ISSUE DATES

03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

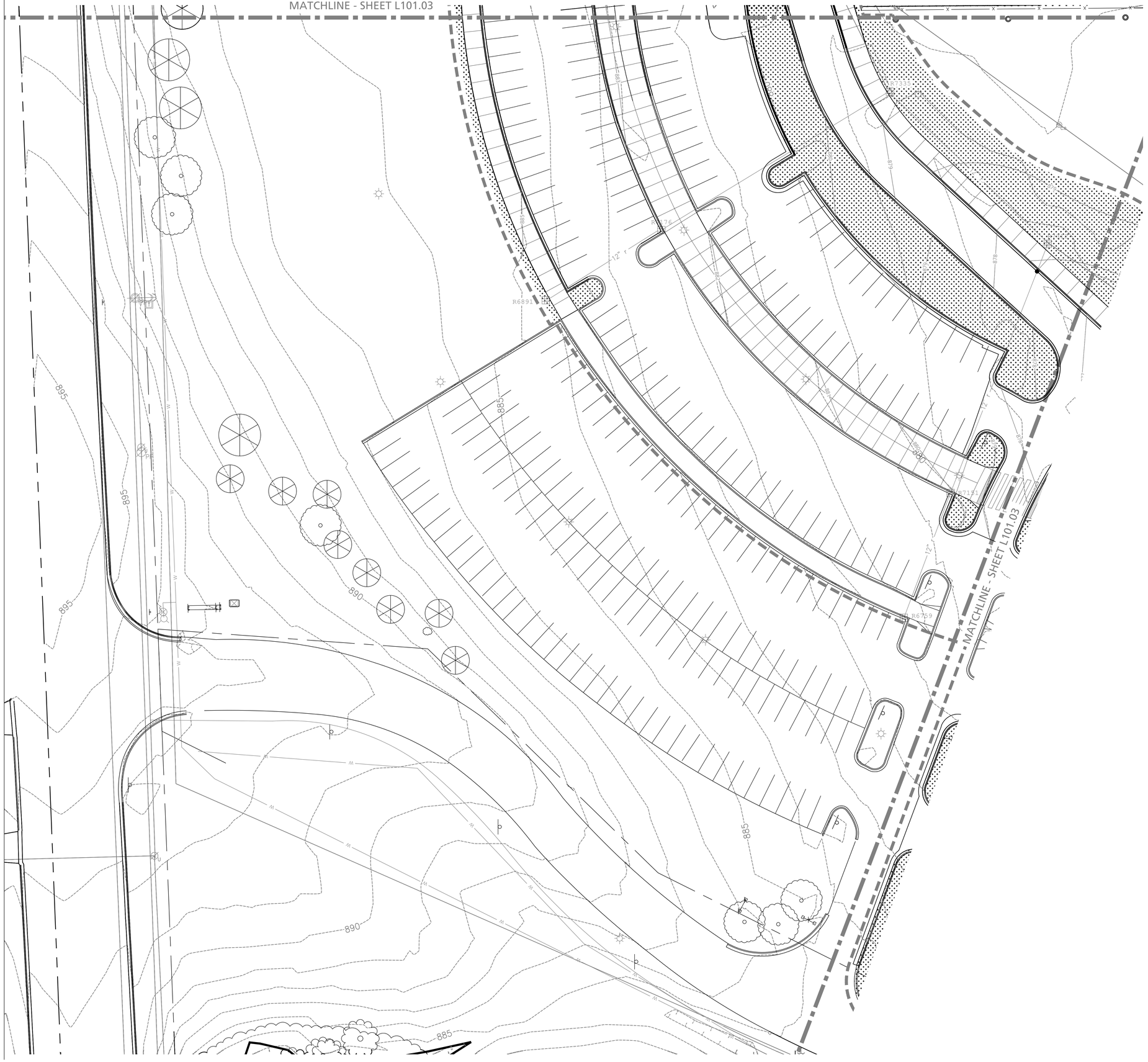
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

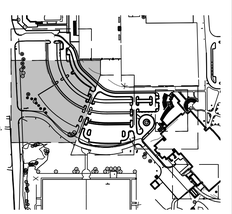
L101.02



LANDSCAPE NOTES

SEE L101.00 FOR LANDSCAPE NOTES.

KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Landscape Plan - Enlargement

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

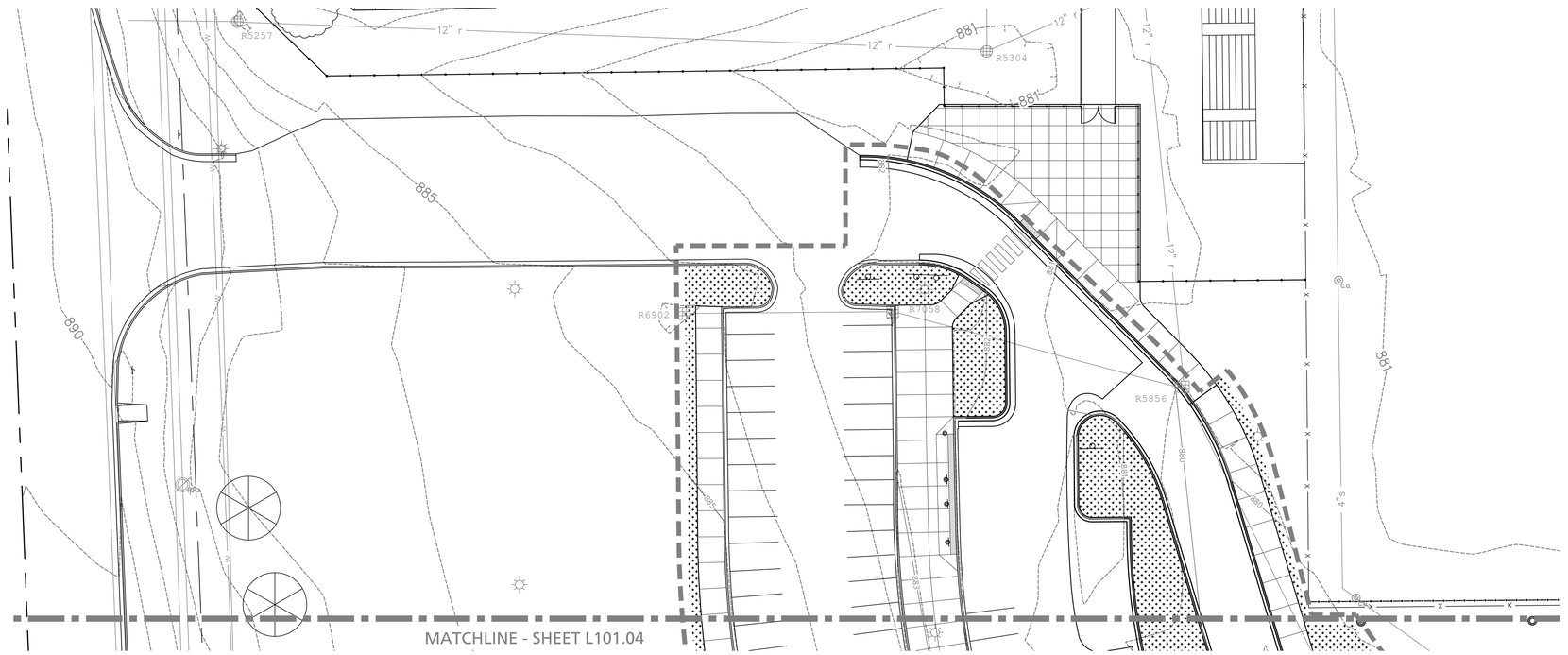
L101.03

LANDSCAPE LEGEND

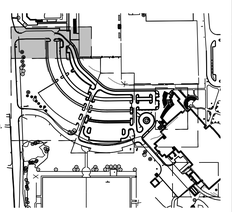
- LIMIT OF DISTURBANCE
- PROPOSED ORNAMENTAL TREE
- PROPOSED SHRUB / PERENNIAL PLANTINGS
- PROPOSED SEEDED LAWN

LANDSCAPE NOTES

SEE L101.00 FOR LANDSCAPE NOTES.



KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 20'

0 10 20 40 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS • MICHIGAN • 48302
PH • 248.338.4561
EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R
Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Landscpae Plan - Enlargement

ISSUE DATES

03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

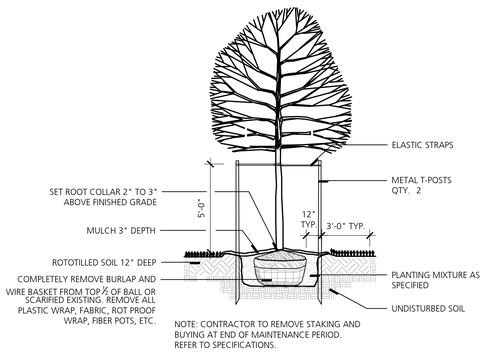
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

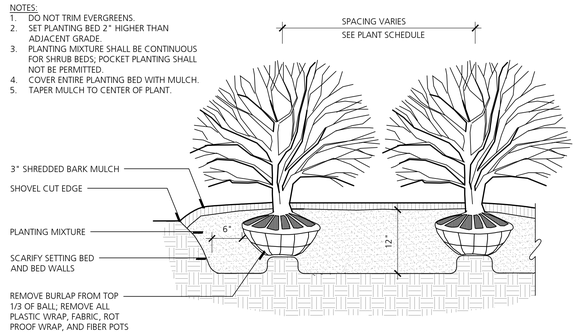
L101.04



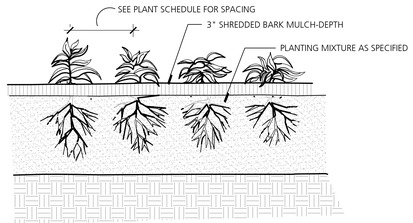
NOTE: CONTRACTOR TO REMOVE STAKING AND BUYING AT END OF MAINTENANCE PERIOD. REFER TO SPECIFICATIONS.

1 Decidious Tree Planting
NO SCALE

NOTES:
1. DO NOT TRIM EVERGREENS.
2. SET PLANTING BED 2" HIGHER THAN ADJACENT GRADE.
3. PLANTING MIXTURE SHALL BE CONTINUOUS FOR SHRUB BEDS; POCKET PLANTING SHALL NOT BE PERMITTED.
4. COVER ENTIRE PLANTING BED WITH MULCH.
5. TAPER MULCH TO CENTER OF PLANT.



2 Shrub Planting
NO SCALE



NOTE: SET TOP OF ROOTBALL FLUSH WITH TOP OF PLANTING MIXTURE FINISH GRADE. SEPARATE FOLIAGE AND MULCH.

3 Perennial Planting
NO SCALE

Know what's below. Call before you dig.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R Beckett&Raeder
Landscape Architecture
Planning, Engineering &
Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School Entry/ Weight Room Addition

Dexter Community Schools

DRAWING TITLE

Landscape Plan - Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.
25026D

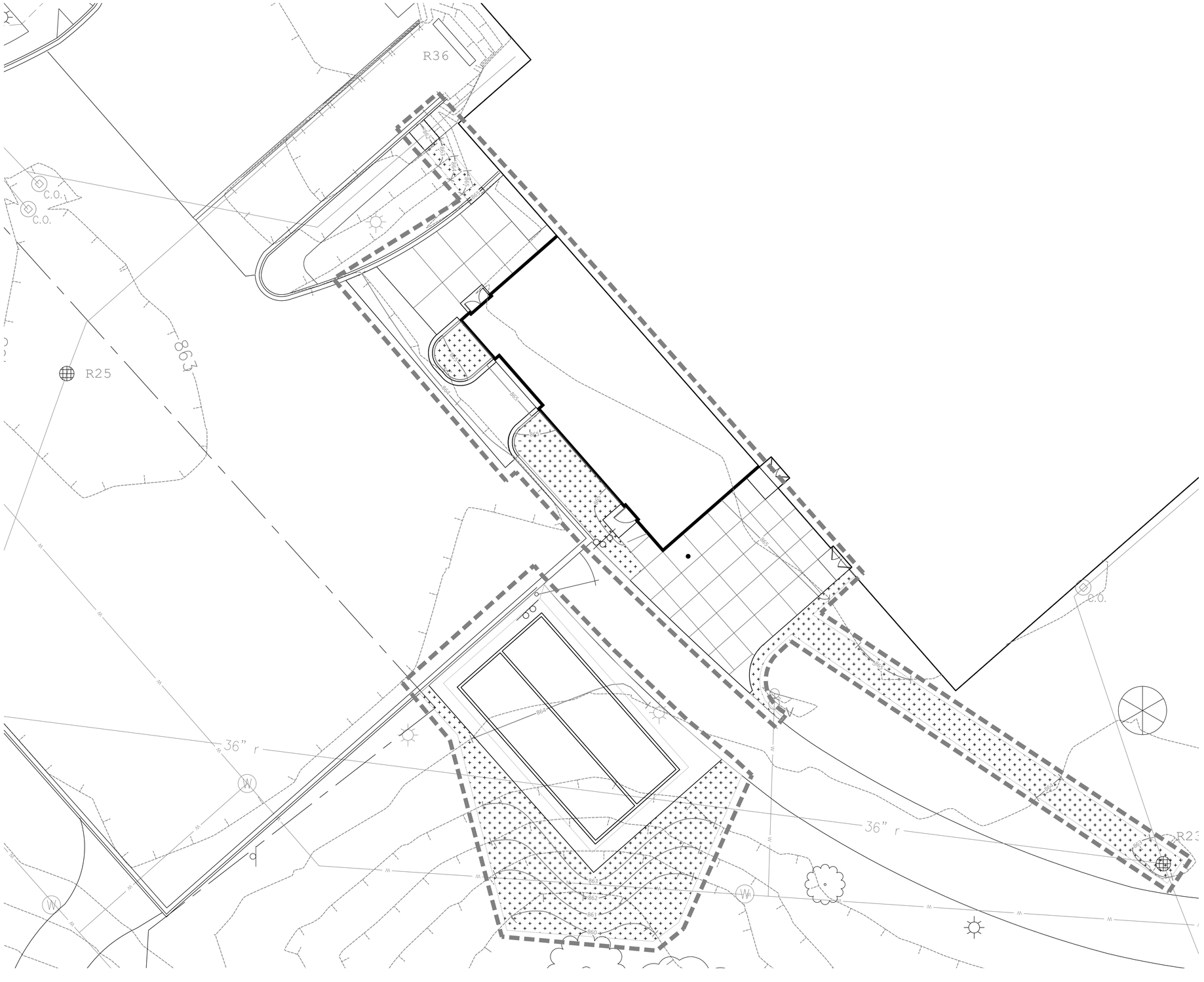
DRAWING NO.
L101.05

LANDSCAPE LEGEND

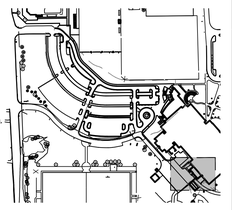
- LIMIT OF DISTURBANCE
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUB / PERENNIAL PLANTINGS
- PROPOSED SEEDED LAWN
- PROPOSED GROUNDCOVER / PERENNIAL PLANTINGS
- PROPOSED MULCH
- PROPOSED 2' WIDE GRAVEL APRON

LANDSCAPE NOTES

SEE L101.00 FOR LANDSCAPE NOTES.



KEY PLAN



811 Know what's below. Call before you dig.

NORTH

SCALE: 1" = 10'

0 5 10 20 FT

CAUTION: FIELD VERIFY ALL UNDERGROUND UTILITIES AND PROTECT AS REQUIRED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

B R ⓘ
Beckett&Raeder
Landscape Architecture Planning, Engineering & Environmental Services

Beckett & Raeder, Inc.
535 West William, Suite 101
Ann Arbor, MI 48103

734 663.2622 ph
734 663.6759 fx

PROJECT TITLE

Dexter High School CTE Addition

Dexter Community Schools

DRAWING TITLE

Landscape Plan - CTE Addition

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R.1 – CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2025	DESIGN DEVELOPMENT

DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25026D

DRAWING NO.

L201.00

STRUCTURAL GENERAL NOTES

GENERAL

1. THIS BUILDING HAS BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MICHIGAN BUILDING CODE, 2021 EDITION.

2. THE OWNER WILL EMPLOY QUALIFIED SPECIAL INSPECTORS TO PERFORM INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE MICHIGAN BUILDING CODE, EXCEPT AS NOTED BELOW. SPECIAL INSPECTIONS WILL BE PERFORMED FOR THE FOLLOWING:

   A. SOILS.
   B. CONCRETE.
   C. MASONRY.
      I. MASONRY SPECIAL INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH TMS 402 & TMS 602 AND SHALL BE LEVEL B QUALITY ASSURANCE.
   D. STEEL.
      I. STEEL SPECIAL INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH AISC 360.
   E. STEEL JOISTS.

3. WHEN "PROFESSIONAL ENGINEER" IS REFERRED TO IN THE FOLLOWING NOTES, IT DENOTES A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MICHIGAN, QUALIFIED TO PERFORM THE WORK.

4. THE CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS, THE OWNERS REQUIREMENTS FOR ACCESS TO THE SITE AND CONTINUED OPERATIONS DURING CONSTRUCTION.

5. THE PLAN, DETAIL DIMENSIONS & ELEVATIONS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM AVAILABLE DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY SUCH DIMENSIONS, ELEVATIONS & DETAILS AS NECESSARY AND MAKE APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIAL.

6. THE CONTRACTOR SHALL SUBMIT CONCRETE REINFORCING, STRUCTURAL STEEL, METAL DECK AND STEEL JOIST SHOP DRAWINGS PRIOR TO FABRICATION. THE CONTRACTOR SHALL ALSO SUBMIT MATERIAL REQUIREMENTS AND CONCRETE MIX DESIGNS. ALLOW (2) WEEKS FOR ENGINEER REVIEW.

7. THE STRUCTURE SHALL BE CONSIDERED TO BE IN AN UNSTABLE CONDITION UNTIL ALL FLOOR, WALL AND ROOF STRUCTURES ARE COMPLETED. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR STABILITY AND TO RESIST LATERAL LOADS DURING ERECTION.

8. ALL NON LOAD BEARING WALLS, EXCEPT INDICATED SHEAR WALLS, SHALL BE CONSTRUCTED TO ALLOW FOR VERTICAL DEFLECTION OF THE STRUCTURE ABOVE.

DIVISION 2 - DEMOLITION/SHORING

1. CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING WHERE REQUIRED DURING CONSTRUCTION. SHORING SHALL BE DESIGNED & DETAILED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER. SHORING PROCEDURES, DESIGNS AND DETAILS SHALL BE SUBMITTED FOR REVIEW PRIOR TO COMMENCEMENT OF WORK, ALLOW (2) WEEKS FOR ENGINEER TO REVIEW.

2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ERECTION PROCEDURE AND SEQUENCING AND TO SUBMIT WRITTEN PROCEDURES TO ENSURE THE SAFETY OF THE STRUCTURE AND IT'S COMPONENTS DURING ERECTION.

3. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO DEMOLITION. IF CONDITIONS EXIST THAT ARE DIFFERENT FROM WHAT IS INDICATED ON THE DRAWINGS, NOTIFY ARCHITECT FOR DIRECTION BEFORE PROCEEDING.

4. DUE CARE MUST BE TAKEN NOT TO UNDERMINE OR DISTURB EXISTING SOIL AND FOUNDATIONS WHEN EXCAVATING ADJACENT TO EXISTING FOUNDATIONS. FIELD VERIFY THE DEPTH AND WIDTH OF ANY EXISTING FOOTINGS & NOTIFY ARCHITECT OF ANY INTERFERENCE'S WITH NEW WORK.

DIVISION 3 - CONCRETE

1. THE LATEST REVISION OF THE FOLLOWING CODES GOVERN THE DESIGN, DETAILING, FABRICATION AND CONSTRUCTION OF ALL REINFORCED CONCRETE:

   A. AMERICAN CONCRETE INSTITUTE (ACI) ACI 318, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
   B. ACI 315, DETAILS & DETAILING OF CONCRETE REINFORCEMENT.

2. REINFORCING STEEL SHALL CONFORM TO THE FOLLOWING ASTM MATERIAL SPECIFICATIONS.

   A. DEFORMED BAR REINFORCING: ASTM A615 GRADE 60.
   B. WELDED WIRE REINFORCEMENT: A1064 (FLAT SHEETS ONLY).

3. ALL EXTERIOR CONCRETE (INCLUDING FOUNDATION WALLS, PIERS & FOOTINGS) SHALL BE AS FOLLOWS:

   A. MINIMUM 28-DAY COMPRESSIVE STRENGTH (f'c) = 4500 PSI.
   B. SLUMP = 3" TO 5".
   C. WATER/CEMENTITIOUS RATIO = 0.45.
   D. AIR ENTRAINMENT = 6% ± 1%.
   E. EXPOSURE CLASSES = F3, S0, W1, & C2.

4. ALL INTERIOR CONCRETE SHALL BE AS FOLLOWS:

   A. MINIMUM 28-DAY COMPRESSIVE STRENGTH (f'c) = 4000 PSI.
   B. SLUMP = 3" TO 5".
   C. WATER/CEMENTITIOUS RATIO = 0.50.
   D. EXPOSURE CLASSES = F0, S0, W1, & C1.

5. SPLICES FOR DEFORMED BARS SHALL BE CLASS B WITH APPLICABLE INCREASES FOR BAR SPACING, COVER, TOP BAR EFFECT ETC. PER ACI 318.

6. BEFORE PLACING CONCRETE REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF PIPE SLEEVES, EMBEDDED ITEMS, OPENINGS, EQUIPMENT PADS, ELECTRICAL CONDUITS, RECESSES, DRAINS, ETC. ALL OPENINGS FOR PIPE, CONDUITS, ETC. SHALL BE SLEEVED. MINIMUM SLEEVE SPACING SHALL BE 3 SLEEVE DIAMETERS.

7. SUGGESTED CONSTRUCTION AND CONTROL JOINT LOCATIONS ARE INDICATED ON THE DRAWINGS. THE CONTRACTOR MAY DEVIATE FROM SUGGESTED JOINT LOCATIONS WITH PRIOR APPROVAL OF THE ARCHITECT.

8. CONCRETE CONTROL JOINTS SHALL BE CUT AS SOON AS CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT DISLODGMENT OF AGGREGATES. SAW A CONTINUOUS SLOT TO A DEPTH OF 1/4 THE THICKNESS OF THE SLAB BUT NOT LESS THAN 1". COMPLETE SAWING WITHIN 12 HOURS AFTER PLACEMENT.

9. PROVIDE A RECESS IN THE TOP OF FOUNDATION WALLS AT DOOR OPENINGS FOR SUPPORT OF THICKENED FLOOR SLABS AND TO RECEIVE DOOR JAMBS. DEPTH OF RECESS TO BE 2" GREATER THAN THICKNESS OF THE FLOOR SLABS, UNLESS NOTED OTHERWISE.

10. PROVIDE BENT CORNER BARS IN ALL WALLS AND FOOTINGS OF THE SAME SIZE AND NUMBER AS THE CONTINUOUS REINFORCEMENT.

11. CONCRETE SHALL BE TESTED BY AN INDEPENDENT TESTING AGENCY. A SET OF (3) CONCRETE TEST CYLINDERS SHALL BE MADE AND TESTED FOR COMPRESSION STRENGTH AT 7 AND 28 DAYS OR EVERY 50 CUBIC YARDS OF CONCRETE CAST (MINIMUM OF (1) SET PER DAY OF CASTING). ALSO SLUMP AND UNIT WEIGHT TESTS SHALL BE PERFORMED EVERY OTHER TRUCK LOAD. CONTRACTOR MADE CONCRETE TEST CYLINDERS ARE NOT ACCEPTABLE.

DIVISION 3 - STRUCTURAL PRECAST CONCRETE

1. THE LATEST REVISION OF THE FOLLOWING CODES GOVERN THE DESIGN, FABRICATION AND CONSTRUCTION OF ALL PRECAST CONCRETE PLANK OR PRECAST TEES.

   A. AMERICAN CONCRETE INSTITUTE (ACI) ACI 318, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
   B. PRESTRESSED CONCRETE INSTITUTE (PCI) PCI MNL-126, MANUAL FOR THE DESIGN OF HOLLOW CORE SLABS.
   C. PCI MNL-120, DESIGN HANDBOOK FOR PRECAST & PRESTRESSED CONCRETE.

2. THE CONTRACTOR SHALL SUBMIT PRECAST CONCRETE SHOP DRAWINGS SHOWING SIZES, DESIGN VALUES, MATERIALS, DIMENSIONS, BEARING & ANCHORAGE DETAILS AND CALCULATIONS WHICH HAVE BEEN PREPARED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER.

3. PROVIDE AND SET BEARING STRIPS AT ALL BEARING LOCATIONS.

4. SET SLABS SQUARE KEEPING UNITS TIGHT AND AT RIGHT ANGLES TO BEARING WALLS.

5. PRECAST SUPPLIER SHALL DESIGN & SUPPLY ALL ANCHORS & EMBEDDED ITEMS REQUIRED IN ANY OF THE MECHANICAL, ELECTRICAL, OR ARCHITECTURAL SPECIFICATIONS OR DESIGN DRAWINGS IN ADDITION TO THOSE REFERENCED ON THE STRUCTURAL DRAWINGS. COORDINATE ANY ALTERNATES OR DISCREPANCIES WITH THE APPROPRIATE TRADE.

6. FILL GROUT KEY BETWEEN SLABS. REMOVE ANY GROUT THAT MAY SEEP THROUGH THE CEILING BELOW BEFORE IT HARDENS. GROUT SHALL BE ONE PART PORTLAND CEMENT AND THREE PARTS SAND.

7. GROUT ENDS OF PRECAST CONCRETE SLABS AS SHOWN ON DRAWINGS. PROVIDE SUITABLE END CAP OR DAM VOIDS AS REQUIRED.

8. THE PRECAST SUPPLIER SHALL DESIGN AND SUPPLY ALL NECESSARY HEADERS FOR OPENINGS UNLESS NOTED OTHERWISE. IF OPENINGS INDICATED IN CONTRACT DOCUMENTS CANNOT BE ACCOMMODATED, NOTIFY ARCHITECT AND PROVIDE POSSIBLE ALTERNATIVES.

9. DESIGN LOADS FOR PLANK AND PRECAST ELEMENTS ARE AS INDICATED ON THIS SHEET AND ON THE DRAWINGS.

10. ERECT PRECAST CONCRETE PER MANUFACTURER'S SPECIFICATIONS.

11. TOPPING MAY BE CONSIDERED AS STRUCTURAL (IF REQUIRED) FOR THE DESIGN OF THE PRECAST CONCRETE ELEMENTS.

DIVISION 4 - MASONRY

1. THE LATEST REVISION OF THE FOLLOWING CODES GOVERN THE DESIGN, DETAILING AND CONSTRUCTION OF ALL MASONRY:

   A. THE MASONRY SOCIETY (TMS) TMS 402, BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES.
   B. TMS 602, SPECIFICATIONS FOR MASONRY STRUCTURES.

2. ALL MASONRY SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF F'm = 2000 PSI.

3. ALL MORTAR SHALL BE TYPE S, PROPORTIONED BY VOLUME ACCORDING TO ASTM C270.

4. ALL GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2000 PSI AND SHALL BE PROPORTIONED BY VOLUME ACCORDING TO ASTM C476.

5. ALL CONCRETE MASONRY UNITS SHALL BE NORMAL WEIGHT ASTM C90, GRADE N, UNITS UNLESS NOTED OTHERWISE. UNITS SHALL HAVE A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2000 PSI.

6. ALL MASONRY WALLS SHALL HAVE HORIZONTAL JOINT REINFORCEMENT (9 GA, HOT DIPPED GALVANIZED) AT 16" O.C. PROVIDE PREFABRICATED CORNER PIECES AT ALL CORNERS AND INTERSECTIONS OF WALLS.

7. ALL DEFORMED BAR REINFORCING SHALL BE ASTM A615, GRADE 60. AT LOCATIONS WHERE REINFORCING IS TO BE WELDED, THE DEFORMED BAR REINFORCING SHALL BE ASTM A706, GRADE 60.

8. LAP SPLICES IN WALLS SHALL BE DETERMINED IN ACCORDANCE WITH TMS 402 AND ARE INDICATED IN THE TYPICAL DETAILS, THE MINIMUM SPLICE SHALL BE 48 BAR DIAMETERS.

9. ALL MASONRY REINFORCING SHALL BE SECURED IN PLACE WITH REBAR POSITIONERS AND SPACERS.

10. ALL VERTICAL MASONRY WALL REINFORCEMENT SHALL BE CENTERED ON THE WALL, DOWELED INTO THE FOOTINGS, AND GROUTED SOLID, UNLESS NOTED OTHERWISE ON DETAILS.

11. IN ADDITION TO ALL OTHER REINFORCING IN MASONRY WALLS PROVIDE A MINIMUM OF (1) #5 BAR AT EACH SIDE OF ALL OPENINGS, EACH SIDE OF CONTROL JOINTS, AT CORNERS OR ENDS OF WALLS AND AT BEAM OR LINTEL BEARING. BAR TO BE FULL HEIGHT OF WALL.

12. ALL MASONRY WALLS SHALL HAVE A CONTINUOUSLY REINFORCED BOND BEAM NEAR THE TOP OF THE WALL, WITH (2) #5 BARS U.N.O. PROVIDE BENT CORNER BARS AT ALL BOND BEAM INTERSECTIONS. REFER TO APPROPRIATE DETAILS FOR LOCATION OF BOND BEAM.

13. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY WALL BRACING ADEQUATE TO RESIST LATERAL LOADS.

14. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF WALL CONTROL JOINTS AND EXPANSION JOINTS.

15. UNLESS NOTED OTHERWISE ON PLANS, LINTELS IN NON-LOAD BEARING MASONRY WALLS SHALL BE SIZED AS PER THE LOOSE LINTEL SCHEDULE ON THE DRAWINGS.

16. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR TYPE, SIZE, LOCATION AND ATTACHMENT REQUIREMENTS FOR MASONRY VENEER AND OTHER CLADDING.

DIVISION 5 - STRUCTURAL STEEL

1. THE LATEST REVISION OF THE FOLLOWING CODES GOVERN THE DESIGN, DETAILING, FABRICATION AND ERECTION OF ALL STRUCTURAL STEEL.

   A. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) AISC 360, SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
   B. AISC 303, CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.

2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM MATERIAL SPECIFICATIONS:

   A. W AND WT SHAPES: ASTM A992, GRADE 50 (Fy = 50 KSI).
   B. MISCELLANEOUS SHAPES AND PLATES: ASTM A36 (Fy = 36 KSI).
   C. PIPE: ASTM A53, GRADE B, TYPE E OR S (Fy = 35 KSI).
   D. HOLLOW STRUCTURAL SECTIONS: ASTM A500, GRADE C (Fy = 50 KSI).
   E. ALL COLUMN ANCHOR RODS SHALL BE ASTM F1554 (Fy = 36 KSI).

3. ALL WELDING SHALL BE PERFORMED USING THE ELECTRIC ARC METHOD IN ACCORDANCE WITH THE LATEST REVISION OF THE AMERICAN WELDING SOCIETY (AWS) D1.1 "STRUCTURAL WELDING CODE". E70XX ELECTRODES CONFORMING TO AWS A5.1 OR A5.5 SHALL BE USED FOR SHIELDED METAL ARC METHOD & FX7-ECXX FLUX - ELECTRODE COMBINATION CONFORMING TO AWS A5.17 FOR SUBMERGED ARC METHOD.

4. ALL BOLTS SHALL BE 3/4" DIAMETER ASTM F3125 GRADE A325 TYPE N BOLTS. ALL BOLTED CONNECTIONS SHALL BE SNUG-TIGHT BEARING TYPE BOLTS UNLESS NOTED OTHERWISE.

5. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING SIZES, DESIGN VALUES, MATERIALS, DIMENSIONS AND CONNECTIONS.

6. ALL CONNECTIONS NOT SPECIFICALLY DETAILED, SHALL BE DESIGNED AND DETAILED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER. DETAILING SHALL BE PERFORMED USING RATIONAL ENGINEERING DESIGN AND STANDARD PRACTICE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE GENERAL DETAILS SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY AND DO NOT INDICATE THE REQUIRED NUMBER OF BOLTS OR WELD SIZES, UNLESS SPECIFICALLY NOTED.

7. PROVIDE "SLIP-CRITICAL" CONNECTIONS AT BRACING, WHERE BOLTS ARE IN TENSION AND AT MOMENT CONNECTIONS.

8. ALL BEAM CONNECTIONS ARE TO CONFORM TO AISC STANDARD TWO ANGLE WEB CONNECTIONS CAPABLE OF SUPPORTING 66% OF THE TOTAL UNIFORM LOAD CAPACITY OF THE BEAM OR FOR LOADS INDICATED ON DRAWING. NO CONNECTION SHALL CONSIST OF LESS THAN TWO 3/4" DIAMETER BOLTS OR A WELD DEVELOPING LESS THAN 10 KIPS.

9. DESIGN HORIZONTAL AND VERTICAL BRACING END CONNECTIONS FOR LOADS INDICATED ON THE DRAWINGS OR 50% OF THE TENSILE CAPACITY OF THE MEMBER WHICHEVER IS GREATER.

10. ALL FIELD CONNECTIONS SHALL BE BOLTED UNLESS NOTED OTHERWISE. FIELD WELDING IS NOT ALLOWED EXCEPT WHERE SPECIFICALLY INDICATED OR APPROVED.

11. PROVIDE 3/4" DIAMETER SHOULDER BOLTS WITH LOCK WASHERS AT ALL SLOTTED CONNECTIONS OF WIND COLUMNS OR AS NOTED.

12. ALL SHOP AND FIELD WELDS SHALL BE VISUALLY INSPECTED PER AWS D1.1. ALL DEFICIENT OR NON CONFORMING ITEMS SHALL BE REPORTED TO THE ENGINEER WHO WILL DETERMINE THE CORRECTIVE ACTION REQUIRED.

13. ALL BEAMS SHALL BE FABRICATED WITH THE NATURAL CAMBER UP. PROVIDE CAMBERS AS INDICATED ON THE DRAWINGS.

14. GROUT REQUIRED UNDER COLUMN BASE PLATES AS SHOWN IN THE DETAILS SHALL BE A STANDARD NON-SHRINK GROUT SUCH AS "MASTERFLOW 100" BY MASTER BUILDERS.

15. PRIME PAINT ALL STRUCTURAL STEEL WITH FABRICATOR'S STANDARD LEAD AND CHROMATE- FREE, NONASPHALTIC, RUST-INHIBITING PRIMER COMPLYING WITH MASTER PAINTER INSTITUTE (MPI) #79. APPLY PRIMER ACCORDING TO THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND AT RATE RECOMMENDED BY SSPC TO PROVIDE A MINIMUM DRY FILM THICKNESS OF 1.5 MILS. USE PRIMING METHODS THAT RESULT IN FULL COVERAGE OF JOINTS, CORNERS, EDGES, AND EXPOSED SURFACES. TOUCH-UP DAMAGED OR MISSING PAINT AFTER STEEL ERECTION IS COMPLETE. OMIT PAINT AT: HOLES FOR SLIP CRITICAL CONNECTIONS, AT STEEL TO BE FIRE PROOFED, AT STEEL ENCASED IN CONCRETE AND ON THE TOP FLANGE OF STEEL BEAMS WITH SHEAR CONNECTIONS.

16. PROVIDE AND HAVE IN PLACE ADEQUATE LATERAL BRACING AND VERTICAL SUPPORTS FOR THE SAFE ERECTION AND TRUE ALIGNMENT OF THE STRUCTURAL STEEL. THIS CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR THE SAFE ERECTION AND TEMPORARY BRACING OF STRUCTURAL STEEL.

17. VERIFY NUMBER AND SIZE OF OPENINGS IN ROOF, WALLS AND FLOOR WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. SEE DETAILS, AND SPECIFICATIONS, FOR STRUCTURAL REQUIREMENTS. VERIFY ALL INFORMATION WITH THE APPROPRIATE CONTRACTOR.

18. ALL DIMENSIONS RELATED TO STRUCTURAL STEEL USED TO SUPPORT EQUIPMENT OR FRAME OPENINGS SHALL BE VERIFIED WITH CERTIFIED AND APPROVED SHOP DRAWINGS OF PURCHASED EQUIPMENT PRIOR TO DETAILING AND FABRICATION.

19. PROVIDE L3x3x1/4 SHELF ANGLES AT TOPS OF COLUMNS AS REQUIRED TO SUPPORT ROOF DECK.

20. ALL EDGES OF METAL DECK SHALL BE SUPPORTED AT A CHANGE IN DECK SPAN WHETHER SHOWN ON DRAWINGS OR NOT. PROVIDE TUBE STEEL OR A DOUBLE ANGLE BETWEEN JOIST OR STRUCTURAL STEEL AND METAL DECK.

21. ALL FREE EDGES OF METAL DECK SHALL BE SUPPORTED WITH AN EDGE ANGLE L3x3x1/4 OR OTHER SUITABLE SUPPORT. THIS SHALL BE PROVIDED WHETHER SHOWN ON DRAWINGS OR NOT.

22. ALL BEAMS, JOISTS, OR LINTELS BEARING ON MASONRY WALLS SHALL HAVE BEARING PLATES WITH ANCHOR BOLTS. IF NOT NOTED ON PLAN, SEE TYPICAL DETAILS.

23. ALL WF BEAMS SUPPORTING MASONRY AND WITH SPANS GREATER THAN 6'-0" SHALL HAVE 1/2" DIAMETER BY 6" LONG HEADED CONCRETE ANCHORS SPACED AT 2'-0" O.C. WELDED TO THE TOP FLANGE.

24. ALL STEEL IN EXTERIOR MASONRY WALLS IS TO BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A-123.

DIVISION 5 - STEEL DECK

1. THE LATEST REVISION OF THE FOLLOWING CODES GOVERN THE DESIGN, DETAILING, MANUFACTURING AND ERECTION OF STEEL DECK.

   A. STEEL DECK INSTITUTE (SDI) MOC3, MANUAL OF CONSTRUCTION WITH STEEL DECK.
   B. SDI FDDM, FLOOR DECK DESIGN MANUAL.
   C. SDI RDDM, ROOF DECK DESIGN MANUAL.

2. ALL FLOOR DECK SHALL BE AS FOLLOWS:

   A. ALL FORM DECK SHALL BE 1 1/2" DEEP, 22 GA, WIDE RIB GALVANIZED DECK 1.5C BY VULCRAFT OR APPROVED EQUAL. ALL DECKS SHALL SPAN A MINIMUM OF 3 SPANS WHERE POSSIBLE.
   B. FASTEN FLOOR DECK TO ALL SUPPORTS AND AT PERIMETER WITH 5/8" DIAMETER PUDDLE WELDS @ 6" O.C., FASTEN SIDE LAPS WITH #10 TEK SCREWS, 2 PER SPAN.

3. ALL ROOF DECK SHALL BE AS FOLLOWS:

   A. ALL ROOF DECK SHALL BE 1 1/2" DEEP 20 GA WIDE RIB GALVANIZED DECK, 3 SPAN MINIMUM. 1.5B BY VULCRAFT OR AN APPROVED EQUAL.
   B. FASTEN ROOF DECK TO ALL SUPPORTS AND AT PERIMETER WITH 5/8" DIAMETER PUDDLE WELDS @ 6" O.C. AT SUPPORTS AND 6" O.C. AT PERIMETER. FASTEN SIDE LAPS WITH #10 TEK SCREWS, 2 PER SPAN.

4. ALL TYPICAL ACOUSTICAL ROOF DECK SHALL AS FOLLOWS:

   A. ALL ACOUSTICAL ROOF DECK SHALL BE 2 1/2" DEEP 20 GA ACOUSTICAL DOVETAIL GALVANIZED DECK 3 SPAN MINIMUM. TORIS-A OR AN APPROVED EQUAL.
   B. GRADE 40 STEEL FY = 40 KSI.

5. PROVIDE ADDITIONAL SUPPORT FRAMING AT OPENINGS IN ROOF AND FLOOR PER TYPICAL DETAILS. COORDINATE LOCATIONS WITH APPROPRIATE TRADES.

6. THE CONTRACTOR SHALL FURNISH ALL ACCESSORIES INCLUDING CLOSURES, "Z" CLOSURES, COLUMN CLOSURES, SCREED ANGLES, GIRDER FILLERS, CANT STRIP, FILLER SHEET AND REINFORCING CHANNEL, AS REQUIRED.

7. ALL DECKING SHALL BE WELDED TO STRUCTURAL STEEL BY QUALIFIED WELDERS USING PRE-QUALIFIED PROCEDURES. THE ERECTOR SHALL ESTABLISH A WELDING PROCEDURE FOR THE PLUG WELD OF THE STEEL DECKING TO THE STRUCTURAL STEEL FOR THE PARTICULAR GAGE USED. PRIOR TO THE START OF ERECTION OF THE STEEL DECK, EACH WELDER SHALL BE QUALIFIED USING THIS PROCEDURE AS WITNESSED BY THE OWNER'S TESTING AGENCY.

8. THE METAL DECK SHALL BE DESIGNED TO BE CONTINUOUS OVER THREE (3) SPANS IN THE DIRECTION INDICATED. SINGLE AND DOUBLE SPANS, IF REQUIRED, SHALL SATISFY LOAD AND DEFLECTION REQUIREMENTS.

9. NO LOADS SHALL BE PERMITTED TO BE HUNG FROM ANY ROOF DECK. ALL HANGERS FOR CEILINGS, DUCTWORK, ELECTRICAL CONDUIT, PIPING, ETC. SHALL BE HUNG DIRECTLY FROM STRUCTURAL STEEL WORK OR SUPPLEMENTARY MEMBERS.

DIVISION 5 - STEEL JOIST

1. THE LATEST REVISION OF THE FOLLOWING CODES GOVERN THE DESIGN, DETAILING, FABRICATION AND ERECTION OF STEEL JOISTS AND JOIST GIRDERS.

   A. STEEL JOIST INSTITUTE (SJI) SJI-K, STANDARD SPECIFICATION FOR OPEN WEB STEEL JOISTS, K-SERIES.
   B. SJI-LH/DLH, STANDARD SPECIFICATION FOR LONGSPAN STEEL JOISTS, LH-SERIES AND DEEP LONGSPAN STEEL JOISTS, DLH-SERIES.
   C. SJI-JG, STANDARD SPECIFICATION FOR JOIST GIRDERS.
   D. SJI-COPS, CODE OF STANDARD PRACTICE FOR STEEL JOISTS AND JOIST GIRDERS.

2. ONLY STEEL JOISTS AND JOIST GIRDERS FROM A STEEL JOIST INSTITUTE APPROVED FABRICATOR WILL BE ACCEPTABLE.

3. PROVIDE WELDED HORIZONTAL BRIDGING AND CROSS BRIDGING AS REQUIRED PER SJI REQUIREMENTS.

4. REFER TO PLANS, DETAILS AND NOTES FOR ADDITIONAL SPECIAL JOIST REQUIREMENTS.

5. ALL CONCENTRATED LOADS DUE TO HANGERS, MECHANICAL EQUIPMENT, ETC. SHALL BE SUPPORTED ONLY AT JOIST PANEL POINTS. PROVIDE ADDITIONAL MEMBERS AS NECESSARY TO MEET THIS REQUIREMENT.

6. JOISTS SHALL BE FIELD WELDED TO ALL SUPPORTS WITH A 3/16" FILLET WELD 3" LONG ON EACH SIDE OF BEARING UNLESS NOTED OTHERWISE.

7. ALL STEEL ROOF JOISTS AND BRIDGING SHALL BE DESIGNED FOR A NET UPLIFT EQUAL TO 10 PSF.

DIVISION 5 - COLD FORMED METAL FRAMING

1. THE LATEST REVISION OF THE FOLLOWING CODES GOVERN THE DESIGN, DETAILING, FABRICATION AND ERECTION OF COLD FORMED METAL FRAMING.

   A. AMERICAN IRON AND STEEL INSTITUTE (AISI) AISI S200, NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS.
   B. AISI S201, NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - PRODUCT DATA.
   C. AISI S202, CODE OF STANDARD PRACTICE FOR COLD-FORMED STEEL STRUCTURAL FRAMING.

2. COLD FORMED STEEL SHALL CONFORM TO THE FOLLOWING ASTM MATERIAL SPECIFICATIONS:

   A. ASTM A446, Fy = 33 KSI FOR MATERIAL 0.0478 INCH (18 GAGE) OR THINNER.
   B. ASTM A446, Fy = 50 KSI FOR MATERIAL 0.0598 INCH (16 GAGE) OR THICKER.

3. ALL COLD FORMED STEEL SHALL HAVE A GALVANIZED COATING CONFORMING TO ASTM A653-G60.

4. ALL WELDING SHALL CONFORM TO AWS D1.3 SPECIFICATION FOR WELDING SHEET STEEL STRUCTURES AND AWS D19.0 WELDING ZINC COATED STEEL.

5. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING SIZES, DESIGN VALUES, MATERIALS, DIMENSIONS, CONNECTIONS AND CALCULATIONS WHICH HAVE BEEN PREPARED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER.

6. UNLESS SPECIFICALLY NOTED, ALL MATERIAL SHALL BE A MINIMUM 18 GAUGE (MINIMUM 16 GAUGE FOR STUDS SERVING AS BACKUP FOR BRICK VENEER) THICKNESS, AND SHALL MEET THE DEFLECTION REQUIREMENTS OF THE FINISH MATERIAL TO BE ATTACHED TO THE COLD FORMED FRAMING WORK. DEFLECTION OF COLD FORMED STUDS, UNDER WIND LOADS, SERVING AS BACKUP FOR BRICK VENEER SHALL NOT EXCEED SPAN/720.

7. ALL STUDS AND JOISTS SHALL BE INSTALLED AT SPACING INDICATED ON THE DRAWINGS, UNLESS NOTED, EACH SIDE OF THE OPENINGS SHALL BE FRAMED WITH DOUBLE STUDS.

8. ALL STUDS AND JOISTS SHALL HAVE A BRIDGING LINE INSTALLED AT A MAXIMUM DISTANCE OF 4'-0" AND 5'-0" RESPECTIVELY.

9. ALL JOISTS SHALL HAVE WEB STIFFENERS AT REACTION POINTS AND CONCENTRATED LOADS.

10. STRUCTURAL CONNECTIONS OF COLD FORMED METAL FRAMING MEMBERS SHALL BE MADE PER MANUFACTURER'S RECOMMENDATIONS, ADEQUATE TO CARRY THE IMPOSED LOADS, AND CONFORMING TO THE AISI AND AWS SPECIFICATIONS.

11. NON LOAD BEARING WALLS OR CURTAIN WALLS SHALL BE DESIGNED AND CONNECTED TO ALLOW FOR DEFLECTION OF THE BUILDING STRUCTURE.

DIVISION 31 - FOUNDATIONS/BACKFILL

1. CONTRACTOR SHALL REVIEW A COPY OF THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT BY G2 CONSULTING GROUP PROJECT NO. 253566.

2. FOUNDATIONS ARE DESIGNED FOR A MAXIMUM ALLOWABLE BEARING CAPACITY OF 3000 PSF AS INDICATED IN GEOTECHNICAL REPORT. FOUNDATIONS SHALL BEAR ON NATURAL UNDISTURBED SOILS OR ON ENGINEERED FILL.

3. THE OWNER WILL RETAIN THE SERVICES OF A GEOTECHNICAL ENGINEER TO MONITOR THE FOUNDATION WORK AND DETERMINE THE QUALITY OF THE SOIL AT ALL FOOTING LOCATIONS. IF UNSUITABLE MATERIALS ARE ENCOUNTERED AT THE FOOTING LOCATIONS, THE UNSUITABLE SHALL BE REMOVED AND REPLACED OR THE FOOTINGS LOWERED AT THE DIRECTION OF THE ENGINEER.

4. THE CONTRACTOR SHALL BE AWARE OF AND VERIFY LOCATION OF ALL UNDERGROUND UTILITIES, TANKS, ETC. DUE CARE SHALL BE EXERCISED DURING EXCAVATION SUCH THAT EXISTING UTILITIES ARE NOT DAMAGED.

5. ALL EXCAVATED MATERIAL SHALL BE TRANSPORTED TO A DISPOSAL AREA DESIGNATED BY THE OWNER ALL EXCAVATIONS SHALL CONFORM TO MI-OSHA REQUIREMENTS. ANY PERCHED GROUNDWATER ENTERING THE EXCAVATION SHALL BE PUMPED PRIOR TO PLACING CONCRETE.

6. ALL BACKFILL MATERIALS SHALL CONFORM TO MDOT CLASS II MATERIAL. ALL BACKFILL SHALL BE PLACED IN 9" LOOSE LIFTS AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D-1557 (MODIFIED PROCTOR). FIELD DENSITY TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ASTM D-2922 OR D-1556 WITH A MINIMUM OF 1 TEST PER 1500 SQ FEET OF AREA PER 9" LIFT (MINIMUM OF (3) TEST PER LIFT).

DESIGN CRITERIA

DESIGN CRITERIA
MICHIGAN BUILDING CODE 2021 (ASCE 7-16)
RISK CATEGORY III

ROOF DEAD LOADS	
• EPDM	1 PSF
• POLYISO INSULATION	2 PSF
• STEEL DECK	2 PSF
• CEILING	3 PSF
• STRUCTURAL STEEL	5 PSF
• MECHANICAL AND ELECTRICAL	5 PSF
• MISCELLANEOUS	2 PSF
• FUTURE SOLAR	5 PSF
TOTAL	**20 PSF**
ROOF LIVE LOADS	
• MINIMUM LOAD	20 PSF
MEZZANINE DEAD LOADS	
• 2 1/2" N.W. CONCRETE ON 2" METAL DECK	44 PSF
• PONDING	3 PSF
• STRUCTURAL STEEL	5 PSF
• CEILING	3 PSF
• MECHANICAL AND ELECTRICAL	5 PSF
• MISCELLANEOUS	4 PSF
	64 PSF
MEZZANINE LIVE LOADS	
• FLOORS	125 PSF
SNOW LOADS	
• IMPORTANCE FACTOR	I_s = 1.1
• GROUND SNOW LOAD	P_g = 25 PSF
• SNOW EXPOSURE FACTOR	C_e = 1.0
• THERMAL FACTOR	C_t = 1.0
• FLAT USE SNOW	P_f = 22 PSF (TYPICAL ROOF)
• SNOW DRIFT PER ASCE 7	
WIND LOADS	
• BASIC WIND SPEED	115 MPH (3 SEC GUST)
• EXPOSURE CATEGORY	B
• COMPONENTS AND CLADDING PER ASCE 7	
SEISMIC DESIGN DATA	
• SITE CLASS	D
• RESPONSE COEFFICIENTS	SD_S = 0.11
	SD_1 = 0.076
• SEISMIC DESIGN CATEGORY	B

ABBREVIATIONS

@	AT
A.B.	ANCHOR BOLT
ADD'L	ADDITIONAL
A.F.F.	ABOVE FINISHED FLOOR
B.C.	BOTTOM CHORD
B.O.	BOTTOM OF
B.O.D.	BOTTOM OF DECK
B.O.F.	BOTTOM OF FOOTING
B.O.S.	BOTTOM OF STEEL
B.O.T.	BOTTOM OF TRUSS
B.S.	BOTH SIDES
BM	BEAM
BOTT	BOTTOM
BRG	BEARING
C.L.	CENTER LINE
CJ	CONTROL JOINT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CSJ	CONSTRUCTION JOINT
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DL	DEAD LOAD
DWG	DRAWING
E.F.	EACH FACE
EA	EACH
ELEV	ELEVATION
EQ	EQUAL
EX	EXISTING
F.S.	FAR SIDE
F.V.	FIELD VERIFY
FIN	FINISH
FLG	FLANGE
FLR	FLOOR
FDN	FOUNDATION
FT	FOOT
FTG	FOOTING
GA	GAGE
G.L.	GIRT LINE
H.P.	HIGH POINT
HORIZ	HORIZONTAL
k	KIPS
LG	LONG
L.P.	LOW POINT
LL	LIVE LOAD
L.L.H.	LONG LEG HORIZONTAL
L.L.V.	LONG LEG VERTICAL
LN	LINE
L.S.H.	LONG SIDE HORIZONTAL
MAX	MAXIMUM
MTL	METAL
MIN	MINIMUM
MISC	MISCELLANEOUS
N.S.	NEAR SIDE
N.T.S.	NOT TO SCALE
NO	NUMBER
O.C.	ON CENTER
OPP	OPPOSITE
PC	PIECE
PL	PLATE
PLCS	PLACES
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
REF	REFERENCE
REINF	RINFORC-ED, -ING, EMENT
REQ'D	REQUIRED
SCHED	SCHEDULE
SECT	SECTION
SIM	SIMILAR
SPA	SPACES
STD	STANDARD
STL	STEEL
T.O.	TOP OF
T.O.C.	TOP OF CONCRETE
T.O.F.	TOP OF FOOTING
T.O.M.	TOP OF MASONRY
T.O.S.	TOP OF STEEL
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W.P.	WORK POINT
W/	WITH
WWR	WELDED WIRE REINFORCEMENT

ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO @ TMP-ARCHITECTURE.COM

REGISTRATION SEAL

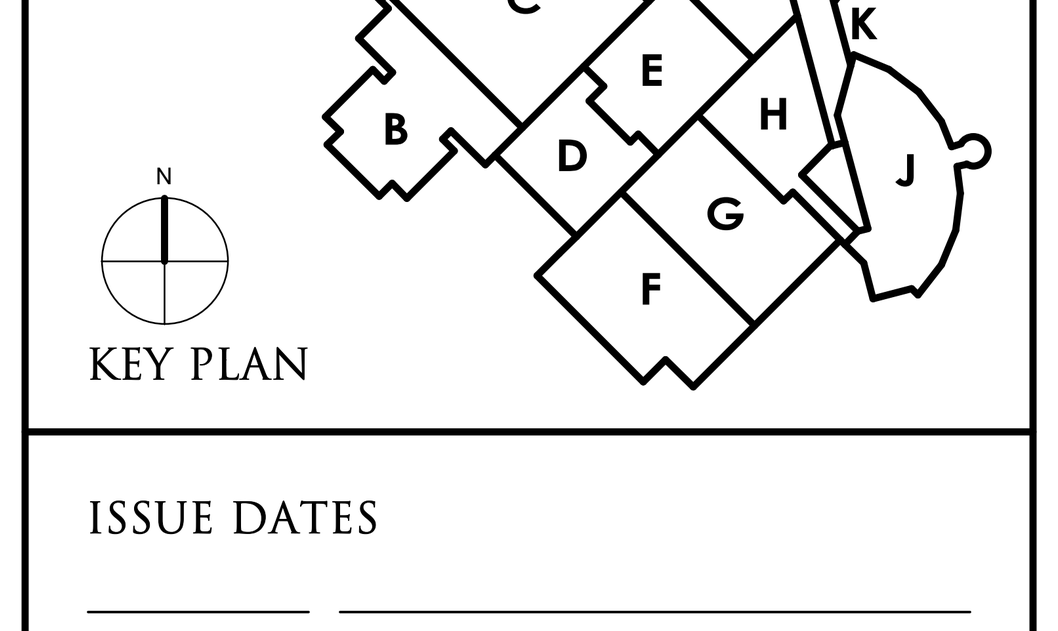
CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Structural General Notes



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

PROJECT NO.
25026D

DRAWING NO.
S0.0

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2514730270_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:25 AM

STATEMENT OF SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE 2021 MICHIGAN (INTERNATIONAL) BUILDING CODE CHAPTER 17 AND AS MODIFIED HERIN.

2. DESIGNATIONS:
   SI - SPECIAL INSPECTOR QUALIFIED WITH DEMONSTRATED COMPETENCE DOCUMENTED BY CERTIFICATIONS FROM RECOGNIZED AGENCIES SUCH AS AWS, ACI, MASONRY INSTITUTE OF MICHIGAN (MIM), ETC., AS SUBMITTED AND APPROVED BY THE BUILDING OFFICIAL. SPECIAL INSPECTOR MAY BE A FIRM WITH MULTIPLE SPECIALISTS AND A PROJECT MANAGER PROVIDING REPORTS.
   TA - TESTING AGENCY QUALIFIED TO TEST AND INSPECT MATERIALS AND ASSEMBLIES. TESTING AGENCY SHALL BE UNDER THE SUPERVISION OF THE SPECIAL INSPECTOR.
   GE - GEOTECHNICAL ENGINEER WHO PROVIDED THE ORIGINAL GEOTECHNICAL SOILS INVESTIGATION REPORT.
   SE - SPECIALTY ENGINEER RESPONSIBLE FOR DESIGNING ASSEMBLIES SUCH AS PRECAST CONCRETE, STEEL JOISTS, COLD FORMED FRAMING ASSEMBLIES, ETC. SPECIALTY ENGINEER SHALL PROVIDE OBSERVATION OF FABRICATED AND INSTALLED ITEMS OF THEIR DESIGN IN ADDITION TO THE SPECIAL INSPECTION.

3. TA, GE, AND SE SHALL SUBMIT RECORDS OF THE INSPECTION RESULTS TO THE SI. THE SI SHALL COMPILE AND SUBMIT INSPECTION RECORDS TO THE ARCHITECT/ENGINEER AND BUILDING OFFICIAL. RECORDS SHALL INCLUDE STATEMENTS OF TESTS, WHETHER INSTALLED/FABRICATED ITEM COMPLIES WITH CONTRACT DOCUMENTS, REMEDIAL WORD PERFORMED, RETESTS.

4. SI SHALL PROVIDE A DAILY REPORT OF ANY DISCREPANCIES FROM THE CONTRACT DOCUMENTS FOUND ON THE SAME DAY OF THE INSPECTION TO THE ENGINEER OF RECORD. FORMAL REPORTS OF COMPLIANCE CAN FOLLOW BY A MAXIMUM OF 2 WEEKS. SI SHALL PROVIDE AND SIGN FINAL REPORT WITH A SUMMARY OF ALL TESTS PERFORMED AND RESULTS TO THE ENGINEER OF RECORD AND BUILDING OFFICIAL, IN ACCORDANCE WITH SECTION 1704.2.4.

5. SI, TA & GE SHALL BE ENGAGED BY THE OWNER IN COMPLIANCE WITH THE MICHIGAN (INTERNATIONAL) BUILDING CODE.

6. WHERE FABRICATION OF STRUCTURAL, LOAD-BEARING, OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES IS BEING CONDUCTED ON THE PREMISES OF A FABRICATOR'S SHOP, SPECIAL INSPECTIONS OF THE FABRICATED ITEMS SHALL BE PERFORMED DURING FABRICATION. SPECIAL INSPECTIONS DURING FABRICATION ARE NOT REQUIRED WHERE THE FABRICATOR MAINTAINS APPROVED DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR CONTROL OF THE WORKMANSHIP AND THE FABRICATORS ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND THE GOVERNING BUILDING CODE. APPROVAL SHALL BE BASED UPON REVIEW OF FABRICATION AND QUALITY CONTROL PROCEDURES AND PERIODIC INSPECTION OF FABRICATION PRACTICES BY THE BUILDING OFFICIAL. SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE FABRICATOR IS REGISTERED AND APPROVED IN ACCORDANCE WITH SECTION 1704.2.5.1.

7. REFER TO SPECIAL INSPECTION SCHEDULES AND STRUCTURAL GENERAL NOTES FOR ADDITIONAL QUALITY CONTROL TESTING AND INSPECTIONS.

SPECIAL INSPECTION REQUIREMENTS - SOILS AND FOUNDATIONS

INSPECTION TASK	INSPECTION FREQUENCY		REFERENCED STANDARD	IBC REFERENCE	RESPONSIBLE AGENT
	CONTINUOUS	PERIODIC			
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X	GEOTECHNICAL REPORT	1705.6	SI/GE
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X	GEOTECHNICAL REPORT	1705.6	SI/GE
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X	GEOTECHNICAL REPORT	1705.6	SI/GE/TA
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-	GEOTECHNICAL REPORT	1705.6	SI/GE/TA
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X	GEOTECHNICAL REPORT	1705.6	SI/GE/TA

SPECIAL INSPECTION REQUIREMENTS - CONCRETE CONSTRUCTION

INSPECTION TASK	INSPECTION FREQUENCY		REFERENCED STANDARD	IBC REFERENCE	RESPONSIBLE AGENT
	CONTINUOUS	PERIODIC			
1. INSPECT REINFORCEMENT AND VERIFY PLACEMENT.	-	X	ACI 318: Ch 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4	SI
2. REINFORCING BAR WELDING:					
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	-	X	AWS D1.4 ACI 318: 26.6.4	-	SI
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16".	-	X			
C. INSPECT ALL OTHER WELDS.	X	-			
3. INSPECT ANCHORS CAST IN CONCRETE.	-	X	ACI 318: 26.13.3.3	-	SI/TA
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.					
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	-	ACI 318: 26.13.3.2	-	SI/TA
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A.	-	X	ACI 318: 26.13.3	-	SI/TA
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: Ch 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.3	SI/TA
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1904.1, 1904.2, 1908.3	SI/TA
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8	SI
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 26.5.3-26.5.5	1908.9	SI
9. INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 26.11.1.2(b)	-	SI

SPECIAL INSPECTION REQUIREMENTS - POST-INSTALLED ANCHORS

INSPECTION TASK	INSPECTION FREQUENCY		REFERENCED STANDARD	IBC REFERENCE	RESPONSIBLE AGENT
	CONTINUOUS	PERIODIC			
1. INSPECT AND TEST ALL POST-INSTALLED MECHANICAL AND ADHESIVE ANCHORS MANUFACTURER'S ICC-ESR EVALUATION REPORT FOR EACH ANCHOR.	X	-	ICC-ESR FOR EACH ANCHOR	1705.1.1	SI/TA

SPECIAL INSPECTION REQUIREMENTS - STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL

INSPECTION TASK	INSPECTION FREQUENCY		REFERENCED STANDARD	IBC REFERENCE	RESPONSIBLE AGENT
	CONTINUOUS	PERIODIC			
1. MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:					SI/TA
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	-	X	APPLICABLE ASTM MATERIAL...	1705.2.2	
B. MANUFACTURER'S CERTIFIED TEST REPORTS.	-	X	-	-	
2. INSPECTION OF WELDING:					
A. COLD-FORMED STEEL DECK:					
1. FLOOR AND ROOF DECK WELDS.	-	X	AWS D1.3	1705.2.2	
B. REINFORCING STEEL:					
1. VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706.	-	X	AWS D1.4, ACI 318: SECTION 3.5.2	1705.2.2	
2. REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR...	NA	-			
3. SHEAR REINFORCEMENT.	NA	-			
4. OTHER REINFORCING STEEL.	-	X			

SPECIAL INSPECTION REQUIREMENTS - OPEN WEB STEEL JOISTS AND JOIST GIRDERS

INSPECTION TASK	INSPECTION FREQUENCY		REFERENCED STANDARD	IBC REFERENCE	RESPONSIBLE AGENT
	CONTINUOUS	PERIODIC			
1. INSTALLATION OF OPEN WEB STEEL JOISTS AND JOIST GIRDERS:					SI/SE
A. END CONNECTIONS, WELDED OR BOLTED	-	X	SJI SPECIFICATION SECTION 2207.1	-	
2. BRIDGING, HORIZONTAL OR DIAGONAL:					
A. STANDARD BRIDGING.	-	X			
B. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1.	-	X			

SPECIAL INSPECTION REQUIREMENTS - STRUCTURAL STEEL

INSPECTION TASK	INSPECTION FREQUENCY		REFERENCED STANDARD	IBC REFERENCE	RESPONSIBLE AGENT
	CONTINUOUS	PERIODIC			
1. INSPECTION OF STEEL FABRICATED ITEMS SHALL BE PERFORMED ON PREMISES DURING FABRICATION.	-	X	AISC QUALITY CERTIFICATION	1704.2.5	SI
A. EXCEPTIONS: SPECIAL INSPECTIONS DURING FABRICATION NOT REQUIRED WHERE THE FABRICATOR IS REGISTERED AND APPROVED IN ACCORDANCE WITH SECTION 1704.2.5.1.	-	-			
2. SPECIAL INSPECTIONS AND NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN BUILDINGS AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AIS.	X	X	AISC QUALITY CERTIFICATION	1704.2.5	SI
A. SPECIAL INSPECTIONS OF RAILING SYSTEMS COMPOSED OF STRUCTURAL STEEL ELEMENTS SHALL BE LIMITED TO WELDING INSPECTIONS AT THE BASE OF CANTILEVERED RAIL POSTS.	-	X	AISC QUALITY CERTIFICATION	1704.2.5	SI

QUALITY CONTROL (QC) SHALL BE PROVIDED BY THE FABRICATOR AND ERECTOR. QUALITY ASSURANCE (QA) SHALL BE PROVIDED BY OTHERS WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION, APPLICABLE BUILDING CODE, OWNER, OR ENGINEER OF RECORD.

INSPECTION TASK	INSPECTION FREQUENCY		REFERENCED STANDARD	IBC REFERENCE	RESPONSIBLE AGENT
	QC	QA			
INSPECTION OF BOLTING.			AISC 360, SECTION N5, TABLE N5.6-1	1705.2	SI/TA
1. INSPECTION TASKS PRIOR TO BOLTING:					
A. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS.	O	P			
B. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS.	O	O			
C. CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE).	O	O			
D. CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	O			
E. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.	O	O			
F. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHOD USED.	P	O			
G. PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER...	O	O			
2. INSPECTION TASKS DURING BOLTING:			AISC 360, SECTION N5, TABLE N5.6-2	1705.2	SI/TA
A. FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED.	O	O			
B. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION.	O	O			
C. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTING FROM ROTATING.	O	O			
D. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FRO THE MOST RIGID POINT TOWARD THE FREE EDGES.	O	O			
3. INSPECTION TASKS AFTER BOLTING:			AISC 360, SECTION N5, TABLE N5.6-3	1705.2	SI/TA
A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	P	P			
O: OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. P: PERFORM THESE TASKS FOR EACH BOLTED CONNECTION.					
INSPECTION OF WELDING			AISC 360, SECTION N5, TABLE N5.4-1	1705.2	SI/TA
1. INSPECTION TASKS PRIOR TO WELDING:					
A. WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS.	P	O			
B. WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE.	P	P			
C. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	P	P			
D. MATERIAL IDENTIFICATION (TYPE/GRADE).	O	O			
E. WELDER IDENTIFICATION SYSTEM.	O	O			
F. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY): - JOINT PREPARATIONS - DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) - CLEANLINESS (CONDITION OF STEEL SURFACES) - TACKING (TACK WELD QUALITY AND LOCATION) - BACKING TYPE AND FIT (IF AVAILABLE)	O	O			
G. FIT-UP OF CJP WELDS OF HSS, T-, Y-, AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY): - JOINT PREPARATIONS - DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) - CLEANLINESS (CONDITION OF STEEL SURFACES) - TACKING (TACK WELD QUALITY AND LOCATION)	P	O			
H. CONFIGURATION AND FINISH OF ACCESS HOLES.	O	O			
I. FIT-UP OF FILLET WELDS: - DIMENSIONS (ALIGNMENT, GAPS AT ROOT) - CLEANLINESS (CONDITION OF STEEL SURFACES) - TACKING (TACK WELD QUALITY AND LOCATION)	O	O			
J. CHECK WELDING EQUIPMENT.	O	-			
2. INSPECTION TASKS DURING WELDING:			AISC 360, SECTION N5, TABLE N5.4-2	1705.2	SI/TA
A. CONTROL AND HANDLING OF WELDING CONSUMABLES: - PACKAGING - EXPOSURE CONTROL	O	O			
B. NO WELDING OVER CRACKED TACK WELDS.	O	O			
C. ENVIRONMENTAL CONDITIONS: - WIND SPEED WITHIN LIMITS - PRECIPITATION AND TEMPERATURE	O	O			
D. WPS FOLLOWED: - SETTINGS ON WELDING EQUIPMENT - TRAVEL SPEED - SELECTED WELDING MATERIALS - SHIELDING GAS TYPE/FLOW RATE - PREHEAT APPLIED - INTERPASS TEMPERATURE MAINTAINED (MIN/MAX)... - PROPER POSITION (F,V,H,OH)	O	O			
E. WELDING TECHNIQUES: - INTERPASS AND FINAL CLEANING - EACH PASS WITHIN PROFILE LIMITATIONS - EACH PASS MEETS QUALITY REQUIREMENTS	O	O			
F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS.	P	P			
3. INSPECTION TASKS AFTER WELDING:			AISC 360, SECTION N5, TABLE N5.4-3	1705.2	SI/TA
A. WELDS CLEANED.	O	O			
B. SIZE, LENGTH AND LOCATION OF WELDS.	P	P			
C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: - CRACK PROHIBITION - WELD/BASE-METAL FUSION - CRATER CROSS SECTION - WELD PROFILES - WELD SIZE - UNDERCUT - POROSITY	P	P			
D. ARC STRIKES.	P	P			
E. K-AREA. [A]	P	P			
F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. [B]	P	P			
G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).	P	P			
H. REPAIR ACTIVITIES.	P	P			
I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	P			
J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR.	O	O			

[A] WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACK WITHIN 3 IN. (75 MM) OF THE WELD.

[B] AFTER ROLLED HEAVY SHAPES (SEE SECTION A3.1c) AND BUILT-UP HEAVY SHAPES (SEE SECTION A3.1d) ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLE FOR CRACKES.

O: OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
P: PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.

INSPECTION TASK	INSPECTION FREQUENCY		REFERENCED STANDARD	IBC REFERENCE	RESPONSIBLE AGENT
	CONTINUOUS	PERIODIC			
INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT:					
1. PLACEMENT AND INSTALLATION OF STEEL DECK.	P	P	AISC 360, SECTION N6, TABLE N6.1	1705.2	SI/TA
2. PLACEMENT AND INSTALLATION STEEL HEADED STUD ANCHORS.	P	P			
3. DOCUMENT ACCEPTANCE OR REJECTION OF STEEL ELEMENTS.	P	P			

O: OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
P: PERFORM THESE TASKS FOR EACH STEEL ELEMENT.

SPECIAL INSPECTION REQUIREMENTS - MASONRY CONSTRUCTION

MINIMUM TESTS

DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) AS DELIVERED TO THE PROJECT SITE IN ACCORDANCE WITH ARTICLE 1.5 B.1.b.3 FOR SELF-CONSOLIDATING GROUT

PRIOR TO CONSTRUCTION, VERIFICATION OF f'_m AND f'_{AAC} IN ACCORDANCE WITH ARTICLE 1.4 B, EXCEPT WHERE SPECIFICALLY EXEMPTED BY THE CODE.

MINIMUM INSPECTION

INSPECTION TASK	INSPECTION FREQUENCY		REFERENCED FOR CRITERIA	
	CONTINUOUS	PERIODIC	TMS 402/ ACI 530/ ASCE 5	TMS 602/ ACI 530.1/ ASCE 6
1. VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS.	-	X		Art. 1.5
2. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
A. PROPORTIONS OF SITE-PREPARED MORTAR.	-	X		Art. 2.1, 2.6 A, & 2.6 C
B. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.	-	X		Art. 2.4 B & 2.4 H
C. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES.	-	X		Art. 3.4 & 3.6 A
D. PRESTRESSING TECHNIQUE.	-	X		Art. 3.6 B
E. PROPERTIES OF THIN-BED MORTAR FOR ACC MASONRY.	X [b]	X [c]		Art. 2.1 C.1
F. SAMPLE PANEL CONSTRUCTION.	-	X		Art. 1.6 D
3. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
A. GROUT SPACE.	-	X		Art. 3.2 D & 3.2 F
B. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES.	-	X	Sec. 10.8 & 10.9	Art. 2.4 & 3.6
C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS.	-	X	Sec. 6.1, 6.3.1, 6.3.6, & 6.3.7	Art. 3.2 E & 3.4
D. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	-	X		Art. 2.6 B, 2.4 G.1.b
4. VERIFY DURING CONSTRUCTION.				
A. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS.	-	X		Art. 1.5
B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION.	-	X	Sec. 1.16.4.3, 1.17.1	Art. 3.3 B
C. SIZE AND LOCATION OF STRUCTURAL MEMBERS.	-	X		Art. 3.3 F
D. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.	-	X	Sec. 1.2.1 (e) 6.2.1, & 6.3.1	
E. WELDING OF REINCORCEMENT.	X	-	Sec. 6.1.6.1.2	
F. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40 DEG F (4.4 DEG C) OR HOT WEATHER (TEMPERATURE ABOVE 90 DEG F (32.2 DEG C))	-	X		Art. 1.8 C & 1.8 D
G. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.	X	-		Art. 3.6 B
H. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDIONS IS IN COMPLIANCE.	X	-		Art. 3.5 & 3.6 C
I. PLACEMENT OF ACC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS.	X [b]	X [c]		Art. 3.3 B.9. 3.3 F.1.b
5. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/ OR PRISMS	-	X		Art. 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, 1.4 B.4

(a) FREQUENCY REFERS TO THE FREQUENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE TASK LISTED OR PERIODICALLY DURING THE LISTED TASK, AS DEFINED IN THE TABLE.
(b) REQUIRED FOR THE FIRST 5,000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.
(c) REQUIRED AFTER THE FIRST 5,000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

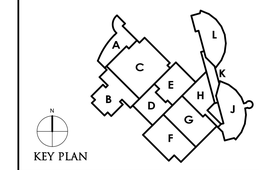
CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Special Inspection Schedules



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

PROJECT NO.
25026D

DRAWING NO.
S0.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147/30070_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:26 AM

COLUMN SCHEDULE

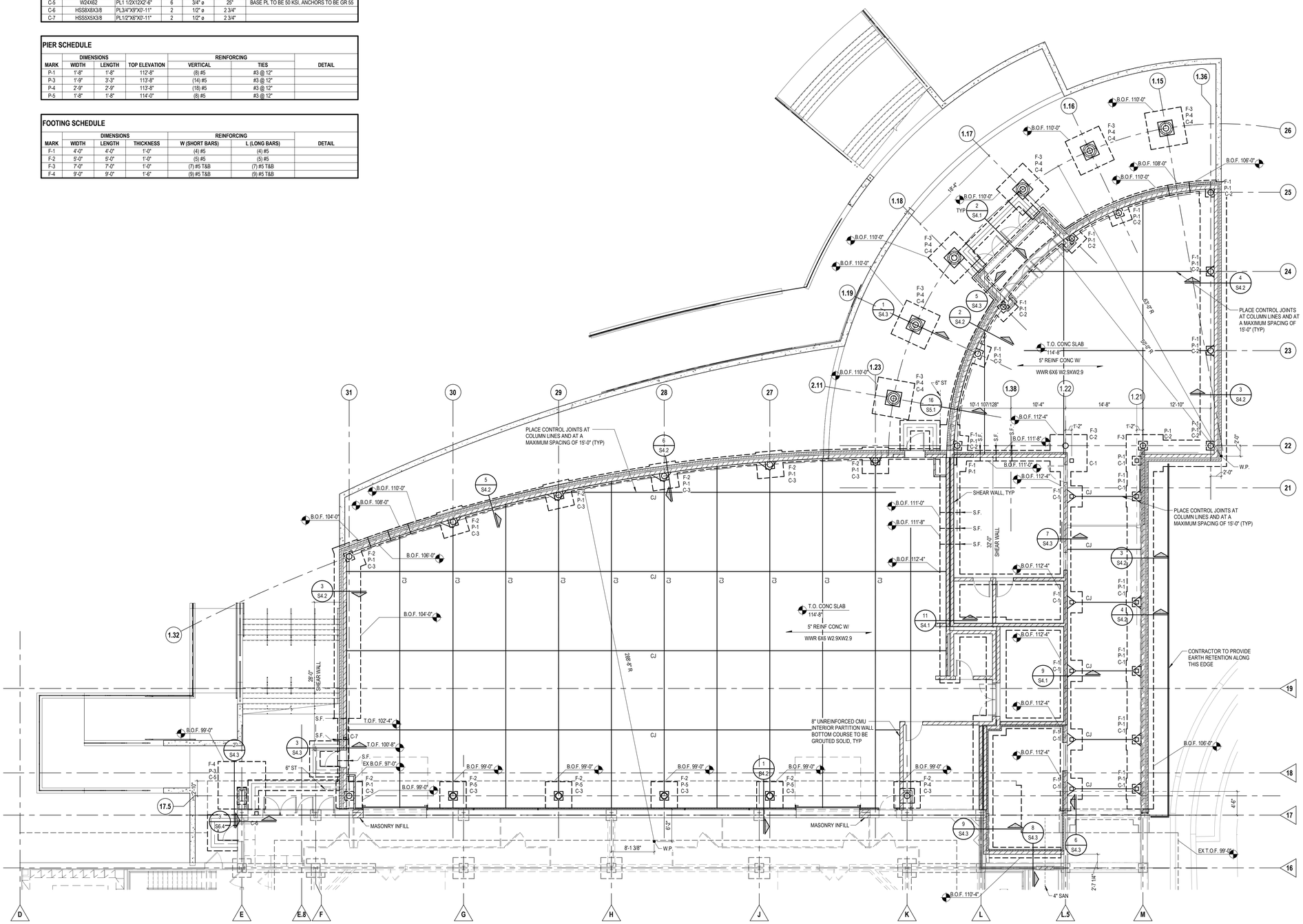
MARK	MEMBER	BASE PLATE (txWxL)	ANCHOR BOLTS QTY.	ANCHOR BOLTS SIZE	ANCHOR BOLTS MIN. EMBED.	COMMENTS
C-1	HSS8X8X3/8	PL 3/4X14X1'-2"	4	3/4" ø	9"	
C-2	HSS12.750X.500	PL 3/4X14X1'-2"	4	3/4" ø	9"	
C-3	HSS12.750X0.375	PL 3/4X14X1'-2"	4	3/4" ø	9"	
C-4	HSS12.750X.500	PL1 1/4X19"X1'-7"	8	3/4" ø	9"	
C-5	W24X62	PL1 1/2X12X2'-6"	6	3/4" ø	25"	BASE PL TO BE 50 KSI, ANCHORS TO BE GR 55
C-6	HSS8X8X3/8	PL3/4"X9"X0'-11"	2	1/2" ø	2 3/4"	
C-7	HSS5X5X3/8	PL1/2"X6"X0'-11"	2	1/2" ø	2 3/4"	

PIER SCHEDULE

MARK	DIMENSIONS WIDTH	DIMENSIONS LENGTH	TOP ELEVATION	REINFORCING VERTICAL	REINFORCING TIES	DETAIL
P-1	1'-8"	1'-8"	112'-8"	(8) #5	#3 @ 12"	
P-3	1'-9"	3'-3"	113'-8"	(14) #5	#3 @ 12"	
P-4	2'-9"	2'-9"	113'-8"	(18) #5	#3 @ 12"	
P-5	1'-8"	1'-8"	114'-0"	(8) #5	#3 @ 12"	

FOOTING SCHEDULE

MARK	DIMENSIONS WIDTH	DIMENSIONS LENGTH	DIMENSIONS THICKNESS	REINFORCING W (SHORT BARS)	REINFORCING L (LONG BARS)	DETAIL
F-1	4'-0"	4'-0"	1'-0"	(4) #5	(4) #5	
F-2	5'-0"	5'-0"	1'-0"	(5) #5	(5) #5	
F-3	7'-0"	7'-0"	1'-0"	(7) #5 T&B	(7) #5 T&B	
F-4	9'-0"	9'-0"	1'-6"	(9) #5 T&B	(9) #5 T&B	



FOUNDATION PLAN ZONE 'A'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE

Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE

Foundation Plan

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

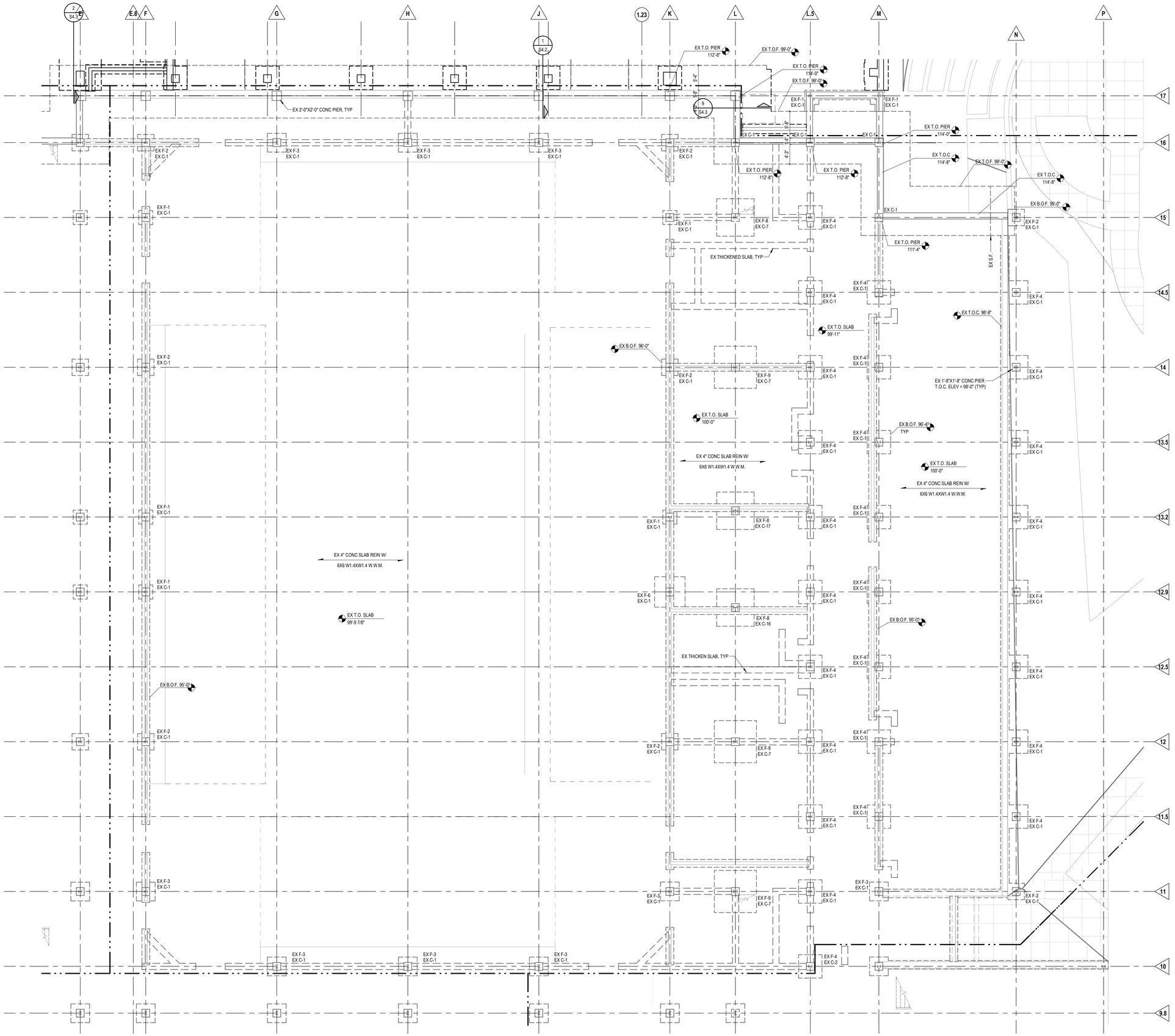
PROJECT NO.

25026D

DRAWING NO.

S1.0A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:30 AM



FOUNDATION PLAN ZONE 'C'
SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE

Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Foundation Plan

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

PROJECT NO.
25026D

DRAWING NO.
S1.0C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:31 AM

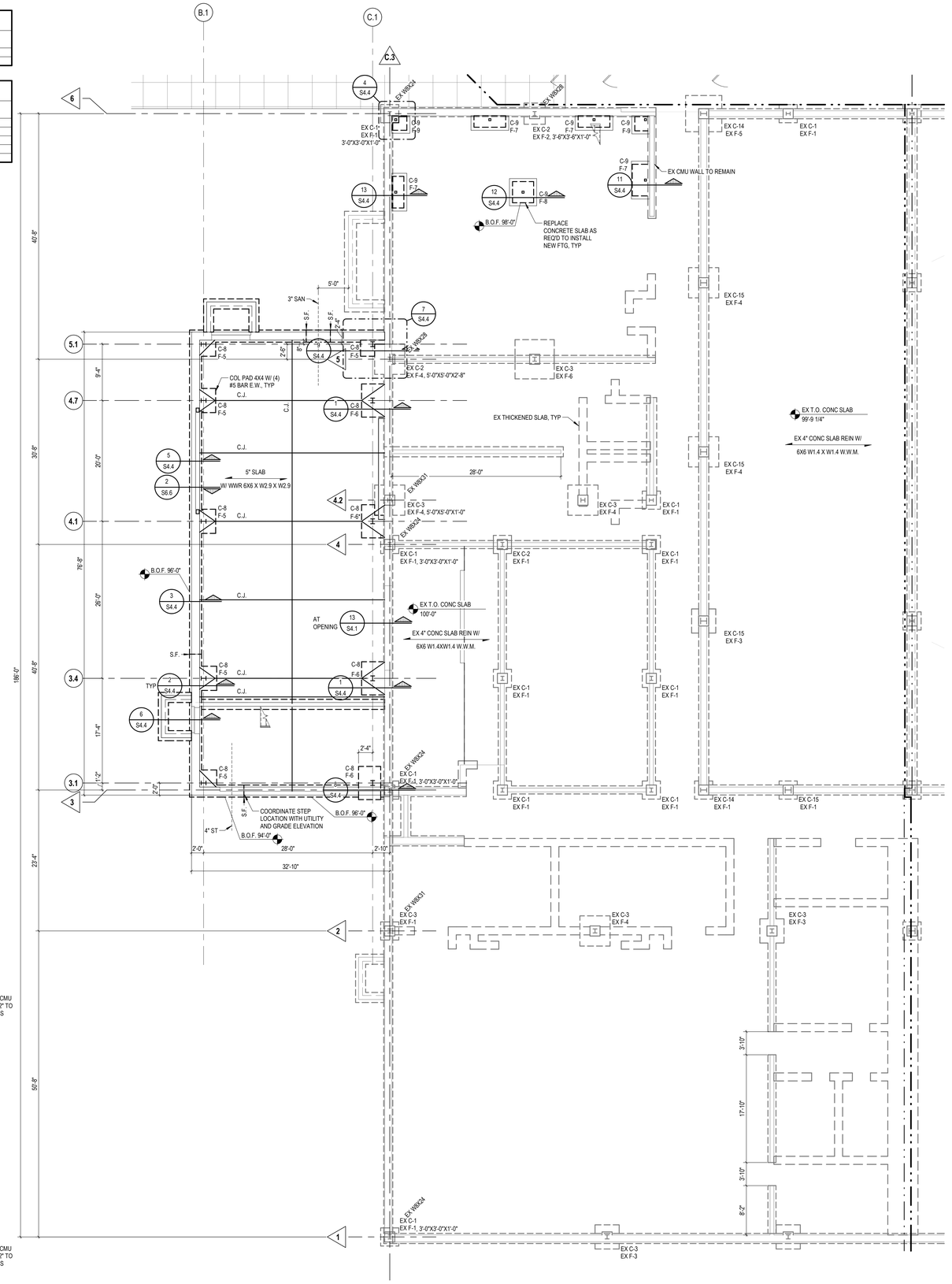
COLUMN SCHEDULE

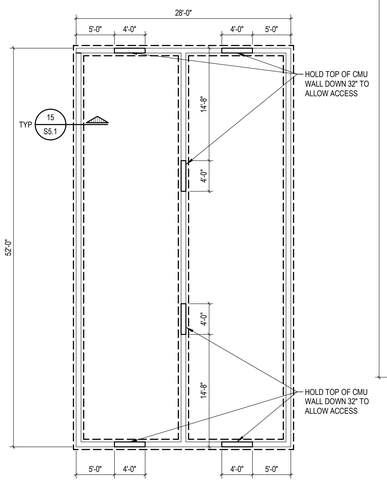
MARK	MEMBER	BASE PLATE (txWxL)	ANCHOR BOLTS QTY.	ANCHOR BOLTS SIZE	ANCHOR BOLTS MIN. EMBED.	COMMENTS
C-8	W10X33	PL 3/4"X13"X1'-3"	4	3/4" ø	9"	SEE DETAILS FOR ALT BASE PL SIZES
C-9	HSS4X4X5/16	PL 1/2"X9"X0'-9"	4	3/4" ø	9"	SEE DETAILS FOR ALT BASE PL SIZES

FOOTING SCHEDULE

MARK	DIMENSIONS WIDTH	DIMENSIONS LENGTH	DIMENSIONS THICKNESS	REINFORCING W (SHORT BARS)	REINFORCING L (LONG BARS)	DETAIL
F-5	4'-0"	4'-0"	2'-0"	(5) #5 T&B	(5) #5 T&B	5/S4.3
F-6/F-6*	3'-8"	5'-6"	2'-8"	(7) #5 T&B	(5) #5 T&B	4/S4.3
F-7	2'-6"	5'-3"	1'-0"	(7) #5	(5) #5	13/S4.3
F-8	3'-6"	3'-6"	1'-0"	(4) #5	(4) #5	12/S4.3
F-9	3'-6"	3'-6"	1'-0"	(4) #5 T&B	(4) #5 T&B	

F-6* : NOTCH FOUNDATION AROUND EXISTING





1 S1.0F HOUSE FOUNDATION
SCALE: 1/8" = 1'-0" SEE CIVIL FOR FOUNDATION LOCATION

N FOUNDATION PLAN ZONE 'F'
SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

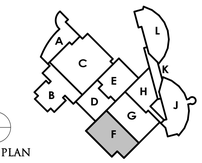
WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Foundation Plan

KEY PLAN



ISSUE DATES

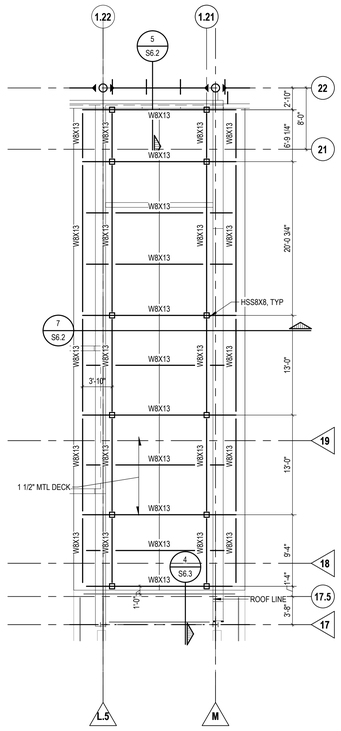
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

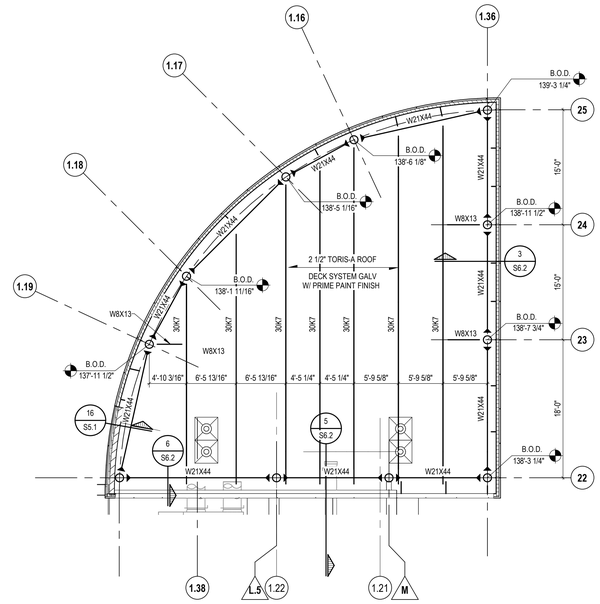
DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

PROJECT NO.
25026D

DRAWING NO.
S1.0F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302O_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:33 AM





N

2 S1.3A

ROTUNDA ROOF PLAN

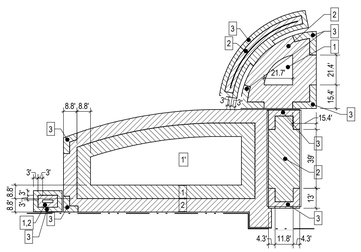
SCALE: 1/8" = 1'-0"
B.O.D. = 138'-3 1/4" (U.N.O.)

N

1 S1.3A

CLERESTORY ROOF PLAN

SCALE: 1/8" = 1'-0"
B.O.D. = 136'-4"



UPLIFT DIAGRAM

LEGEND

1'	DL = 8 PSF	WL = -16 PSF
1	DL = 8 PSF	WL = -16 PSF
2	DL = 8 PSF	WL = -22 PSF
3	DL = 8 PSF	WL = -22 PSF

NOTE: WIND LOADS ARE UNFACTORED / UNREDUCED

ASD MOMENT REACTION	
SIZE	REACTION
W8X13	5 ft-k
W14X26	35 ft-k
W18X35	20 ft-k
W18X40	90 ft-k
W21X44	50 ft-k

N

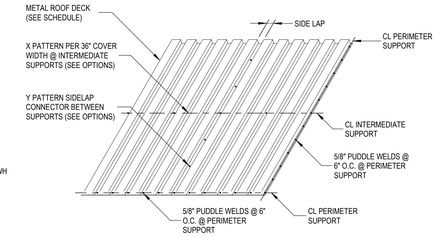
ROOF FRAMING PLAN ZONE 'A'

SCALE: 1/8" = 1'-0"
B.O.D. = 129'-4" (U.N.O.)
(±) INDICATES T.O.S. RELATIVE TO B.O.D.
2k (S) INDICATES SNOW DRIFT LOAD IN ADDITION TO JOIST GIRDER LOADING DESIGNATION
2k (W) INDICATES WIND LOAD (ACTING UP AND DOWN) IN ADDITION TO JOIST GIRDER LOADING DESIGNATION

ROOF DECK ATTACHMENT SCHEDULE		
DECK MARK	ROOF DECK TYPE AND GAGE	WELD & SCREW PATTERN
1	1.5 TYPE B 22 GAGE	X = 3, Y = 2
2	-	-
3	-	-

X OPTIONS:
1. 5/8" PUDDLE WELDS.
2. HILTI X-HSN 24 STEEL DECK FASTENERS.
3. #12 TEK SCREWS.

Y OPTIONS:
1. #10 TEK SCREWS.
2. HILTI S-SLC 02 M HWH
3. #10 TEK SCREWS



3 S1.3A

ROOF DECK ATTACHMENT DETAIL

NOT TO SCALE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

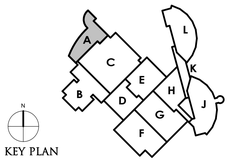
PROJECT TITLE

Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE

Roof Framing Plan



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

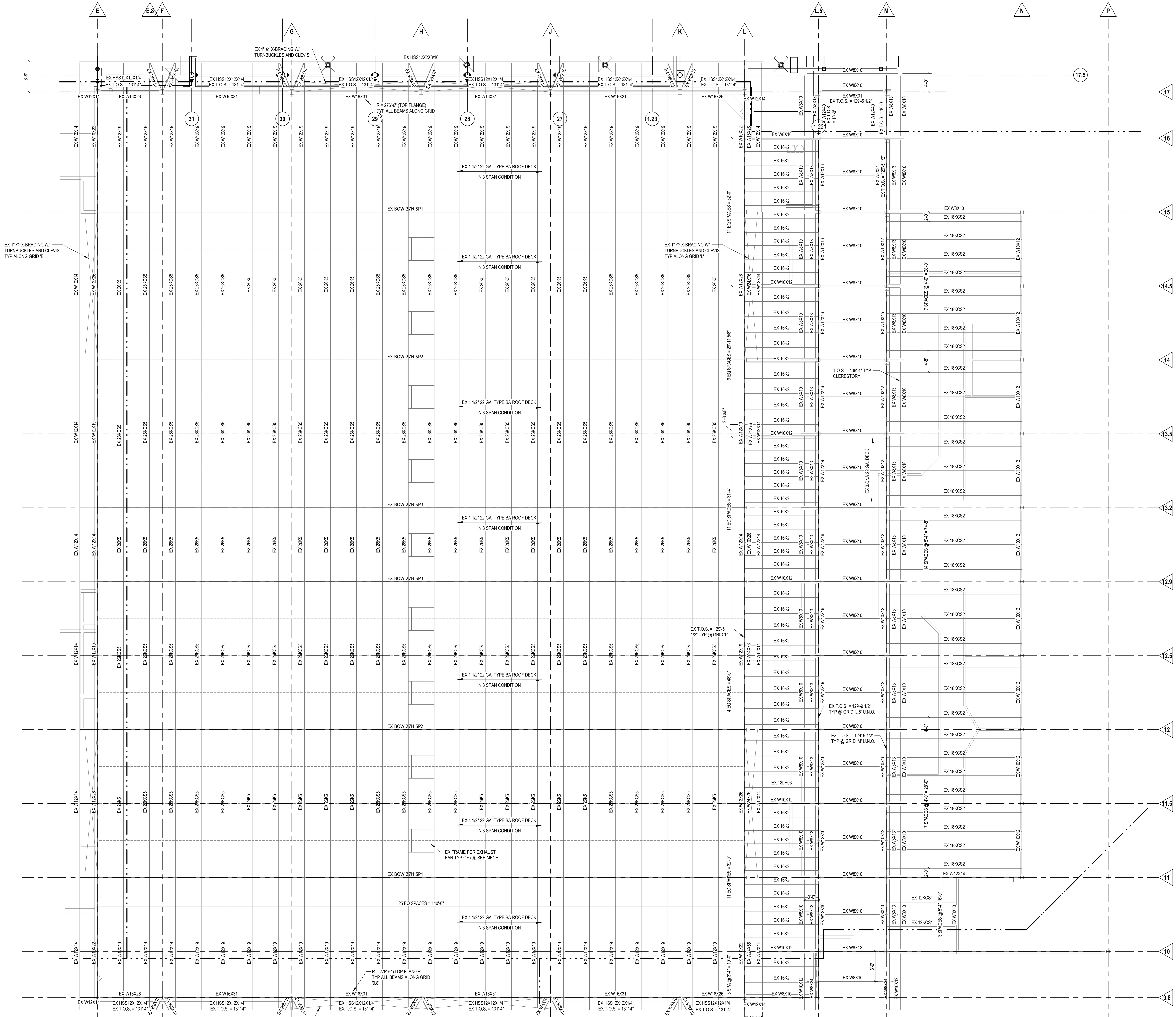
PROJECT NO.

25026D

DRAWING NO.

S1.3A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:37 AM



ROOF FRAMING PLAN ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

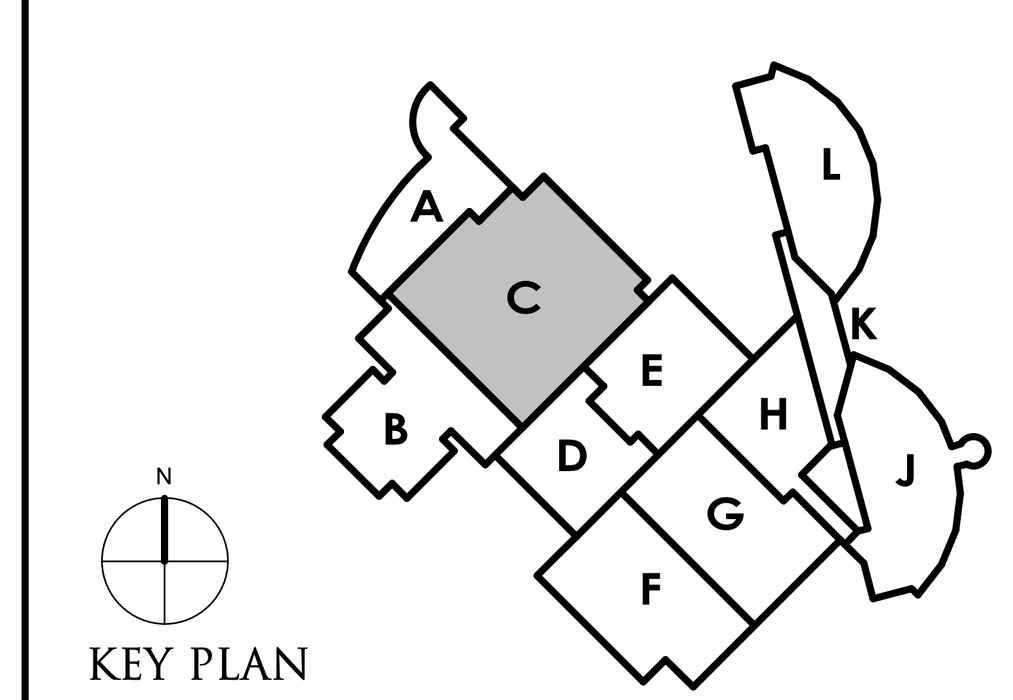
CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Roof Framing Plan



KEY PLAN

ISSUE DATES

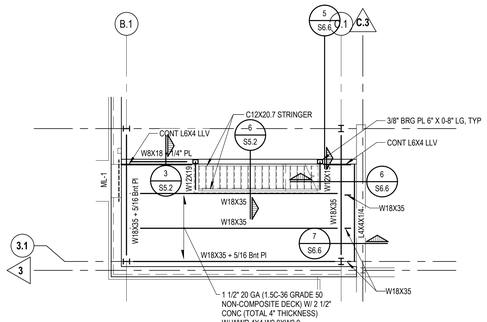
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

PROJECT NO.
25026D

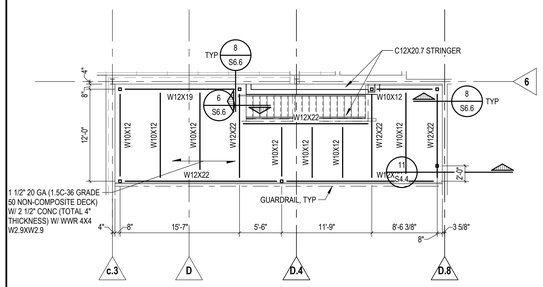
DRAWING NO.
S1.3C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2514730270_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:38 AM



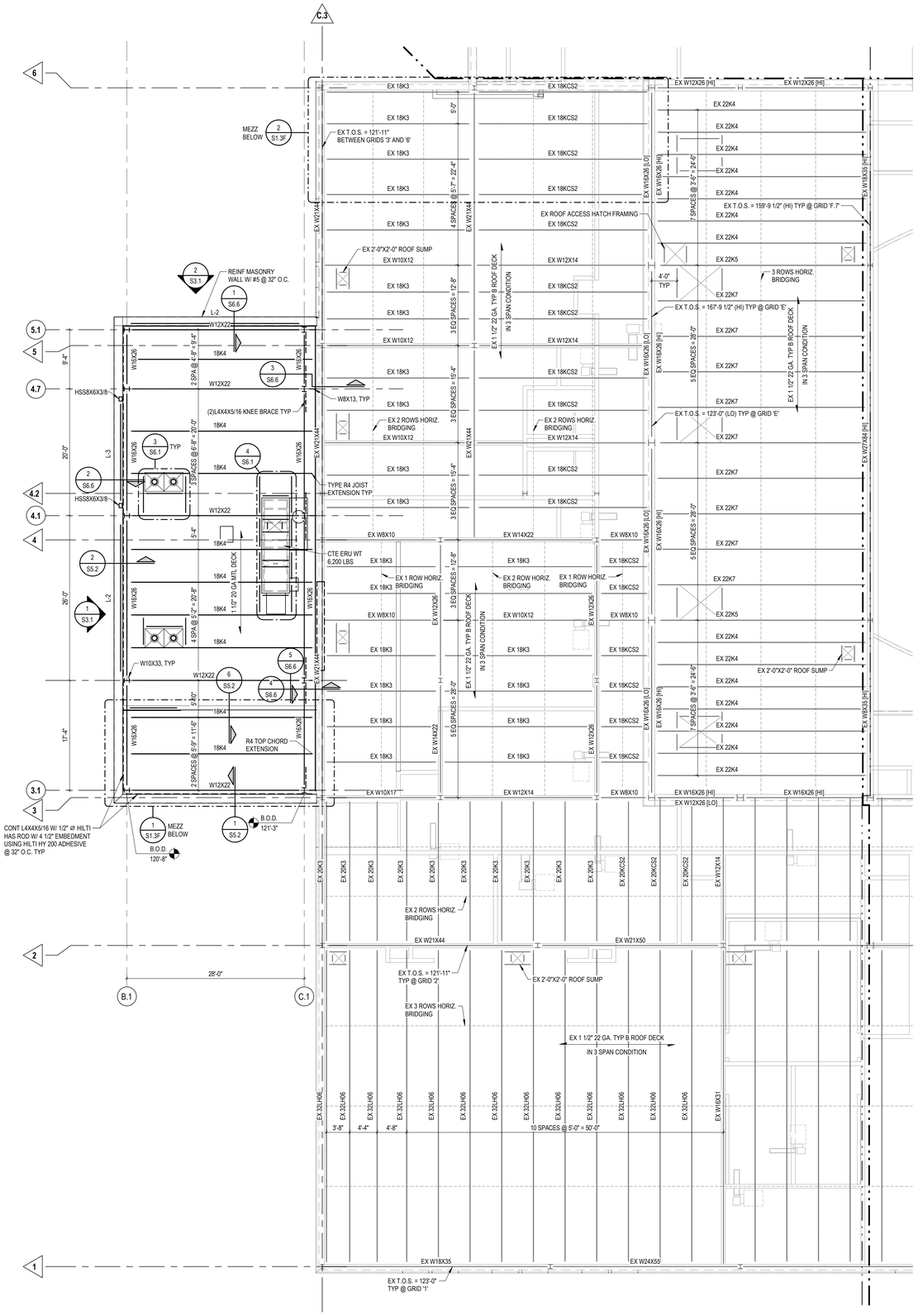
MEZZANINE FRAMING PLAN

SCALE: 1/8" = 1'-0" T.O. CONC 110'-6"



MEZZANINE FRAMING PLAN

SCALE: 1/8" = 1'-0" T.O. CONC 110'-6"



ROOF FRAMING PLAN ZONE 'F'

SCALE: 1/8" = 1'-0"

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:41 AM

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

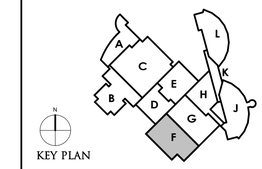
PROJECT TITLE

Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE

Roof Framing Plan



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

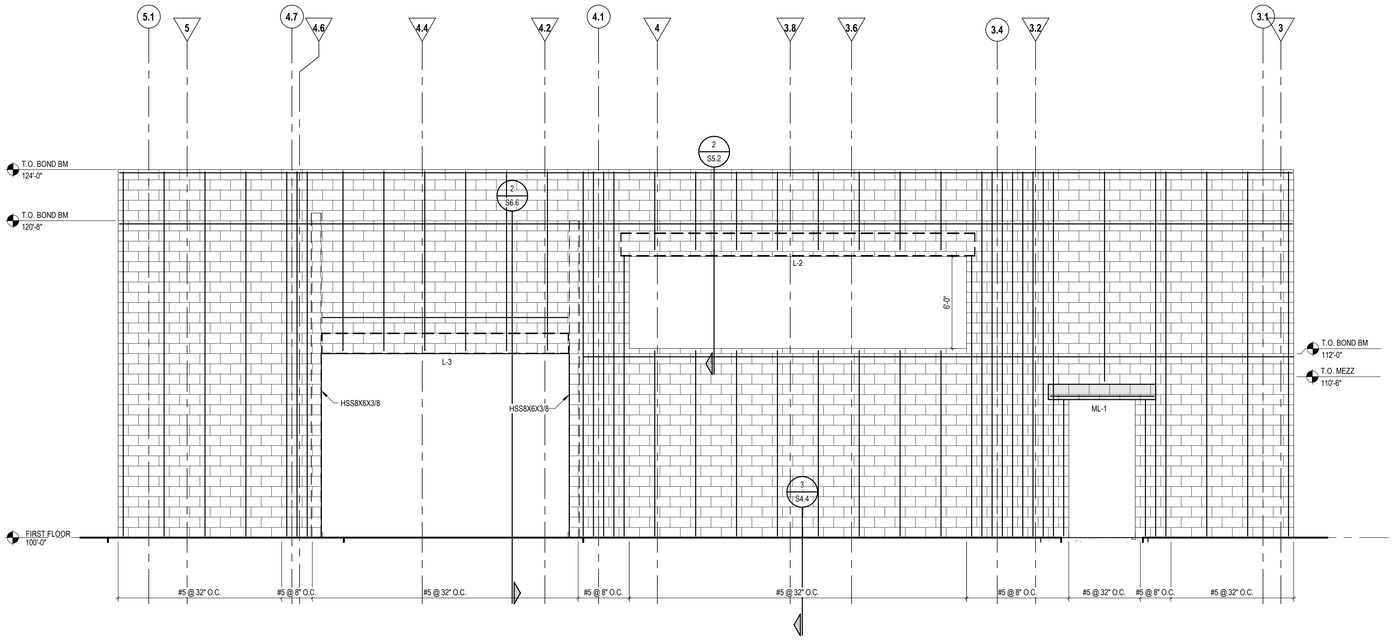
DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

PROJECT NO.

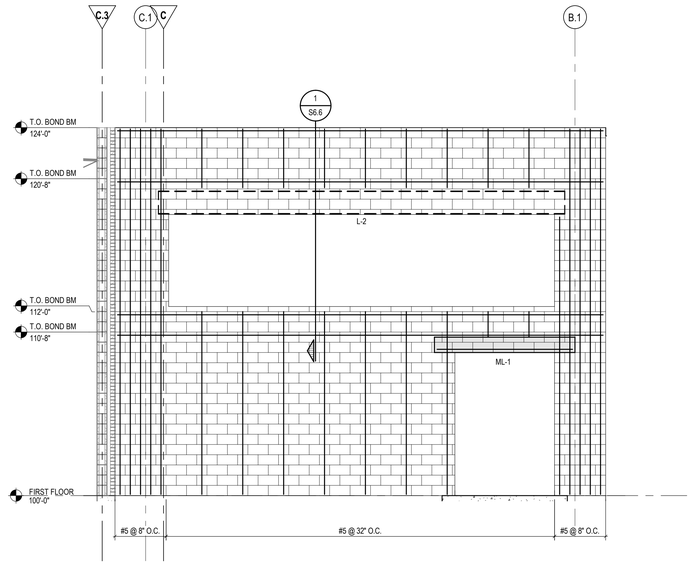
25026D

DRAWING NO.

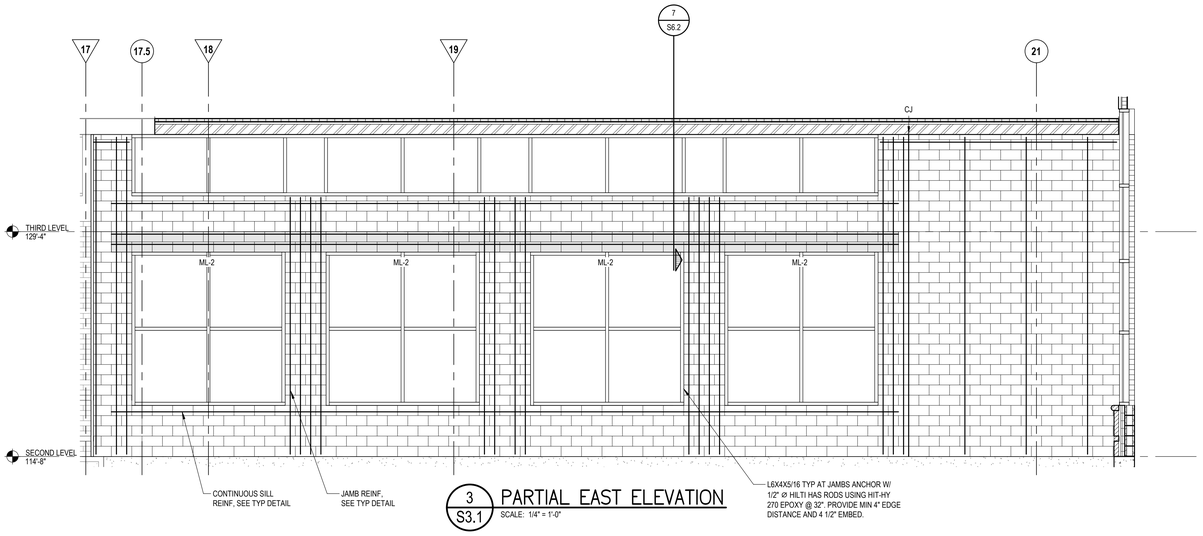
S1.3F



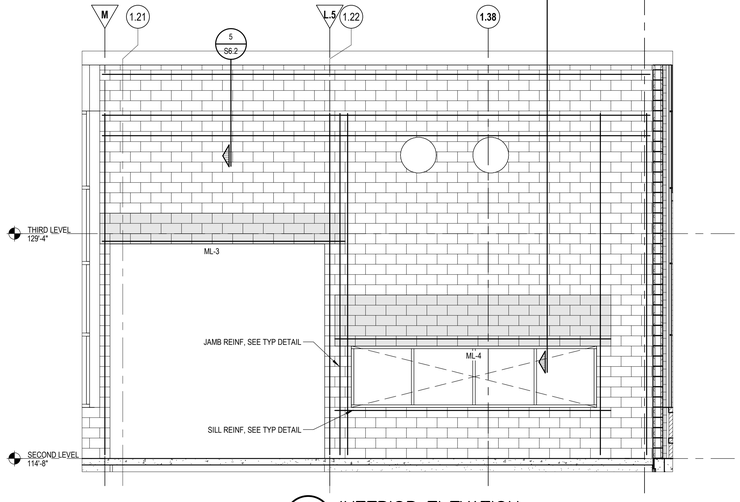
1 S3.1 WEST ELEVATION
SCALE: 1/4" = 1'-0"



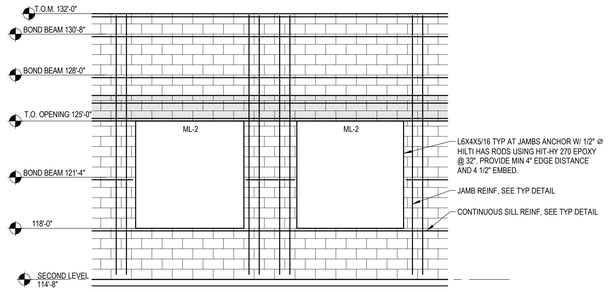
2 S3.1 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



3 S3.1 PARTIAL EAST ELEVATION
SCALE: 1/4" = 1'-0"



4 S3.1 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



5 S3.1 PARTIAL ELEVATION
SCALE: 1/4" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE

Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Elevations

KEY PLAN

ISSUE DATES

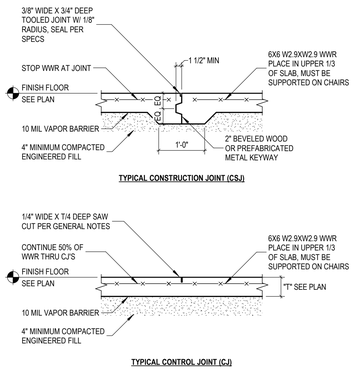
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

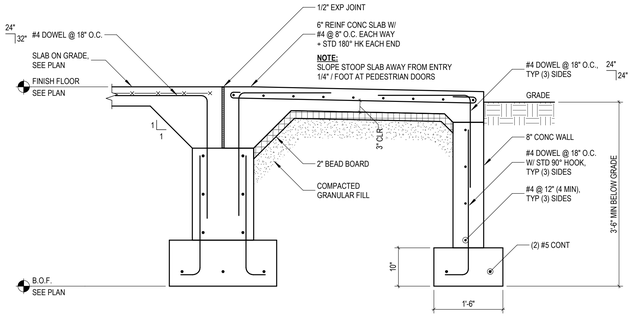
PROJECT NO.
25026D

DRAWING NO.
S3.1

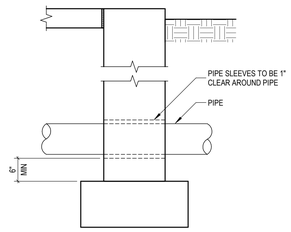
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147/30270_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:42 AM



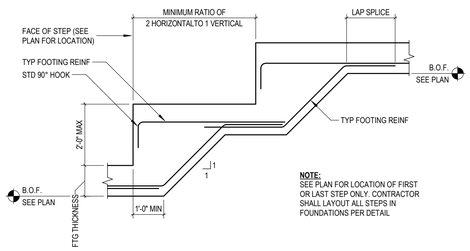
1 S4.1 TYPICAL SLAB ON GRADE DETAILS
NOT TO SCALE



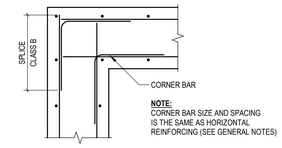
2 S4.1 TYPICAL STOOP SECTION
NOT TO SCALE



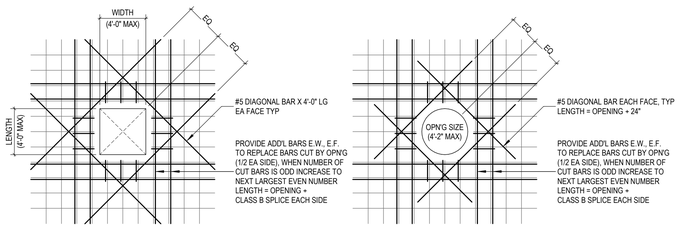
3 S4.1 TYP FOUNDATION DETAIL AT UTILITY
NOT TO SCALE



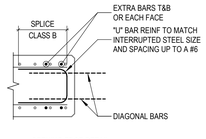
4 S4.1 TYPICAL STEP FOOTING DETAIL
NOT TO SCALE



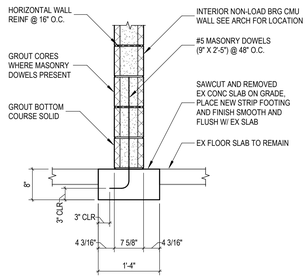
5 S4.1 TYP WALL & FTG CORNER DETAIL
NOT TO SCALE



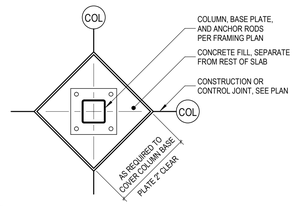
6 S4.1 TYPICAL SLAB AND WALL OPENINGS
NOT TO SCALE



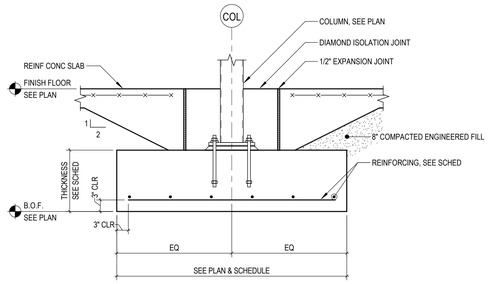
OPENING EDGE DETAIL



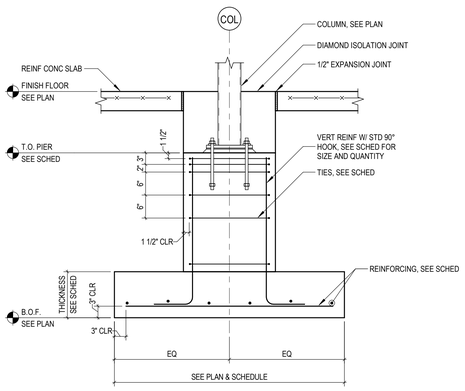
7 S4.1 NON-BRG WALL IN EX BUILDING
NOT TO SCALE



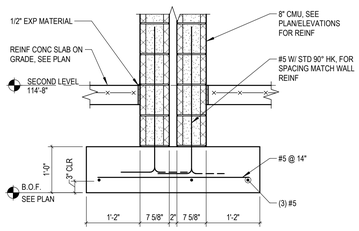
8 S4.1 TYP INTERIOR ISOLATION JOINT
NOT TO SCALE



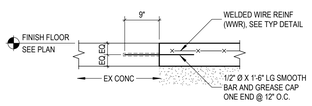
9 S4.1 TYPICAL INTERIOR FOOTING
NOT TO SCALE



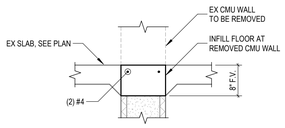
10 S4.1 TYPICAL INTERIOR FOOTING
NOT TO SCALE



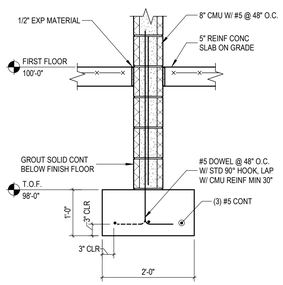
11 S4.1 DETAIL
SCALE: 3/4" = 1'-0"



12 S4.1 TYP SLAB ON GRADE REPLACEMENT
NOT TO SCALE



13 S4.1 TYPICAL INFILL DETAIL
NOT TO SCALE



14 S4.1 DETAIL
SCALE: 3/4" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Concrete Details

KEY PLAN

ISSUE DATES

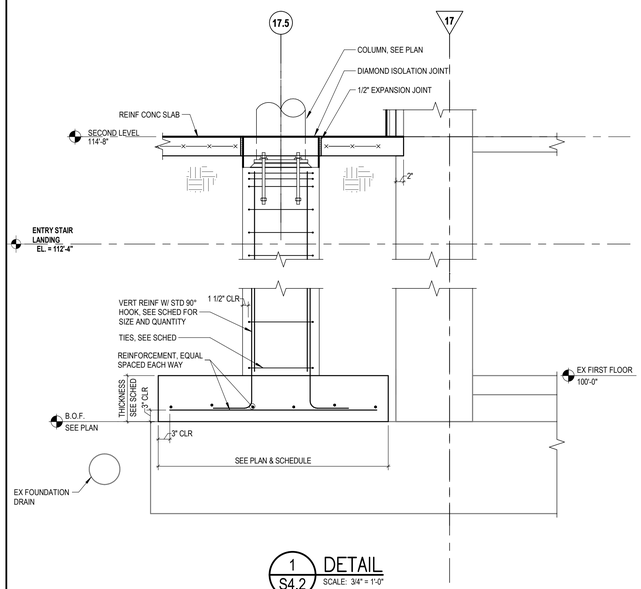
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

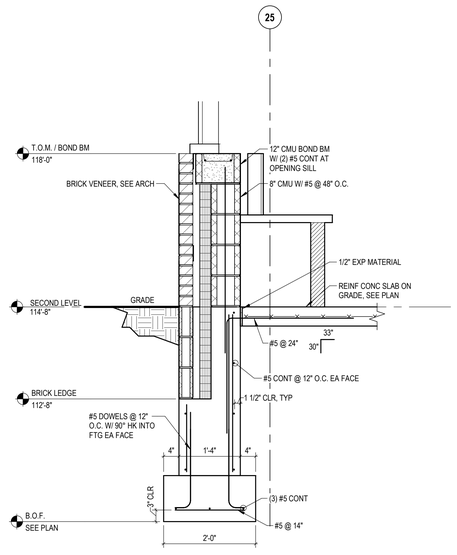
PROJECT NO.
25026D

DRAWING NO.
S4.1

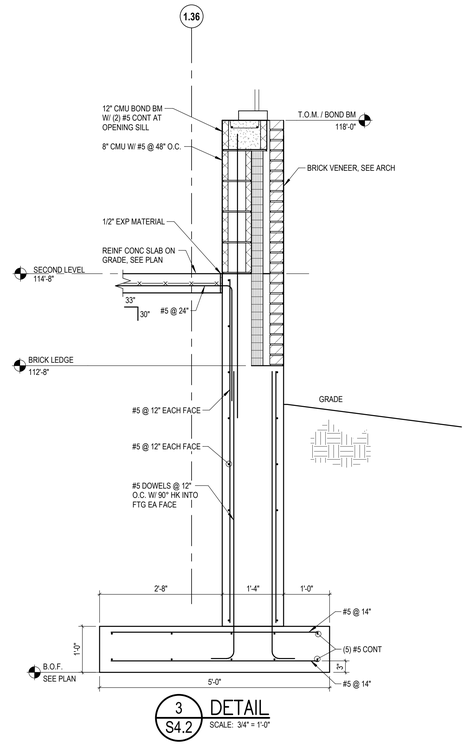
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:43 AM



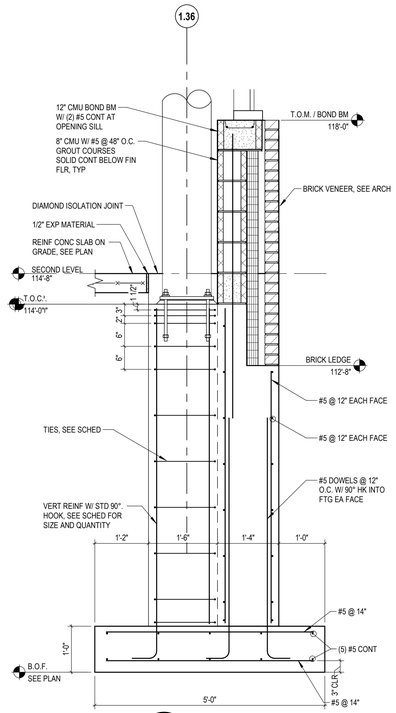
1 S4.2 DETAIL
SCALE: 3/4" = 1'-0"



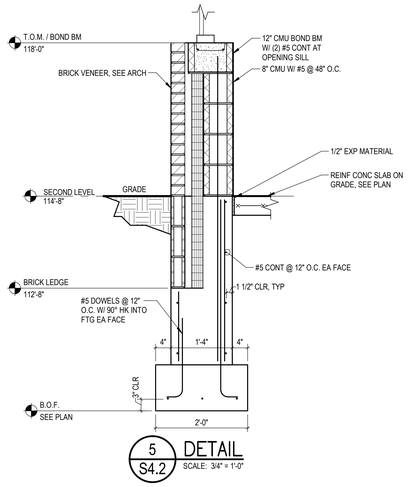
2 S4.2 DETAIL
SCALE: 3/4" = 1'-0"



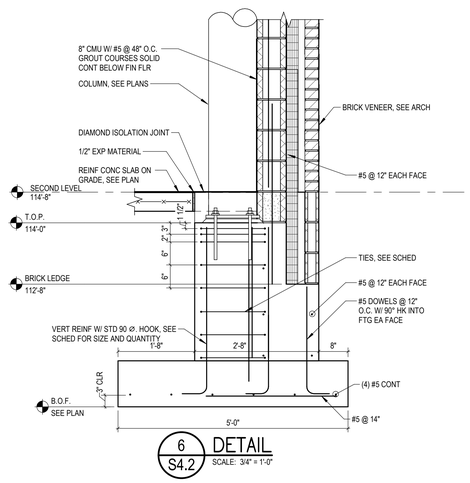
3 S4.2 DETAIL
SCALE: 3/4" = 1'-0"



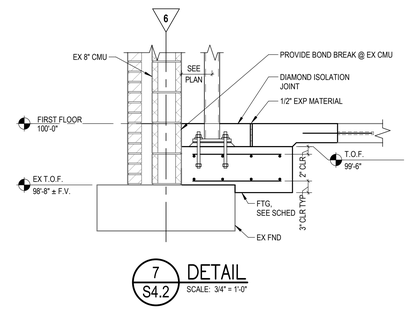
4 S4.2 DETAIL
SCALE: 3/4" = 1'-0"



5 S4.2 DETAIL
SCALE: 3/4" = 1'-0"



6 S4.2 DETAIL
SCALE: 3/4" = 1'-0"



7 S4.2 DETAIL
SCALE: 3/4" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE

Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Concrete Details

KEY PLAN

ISSUE DATES

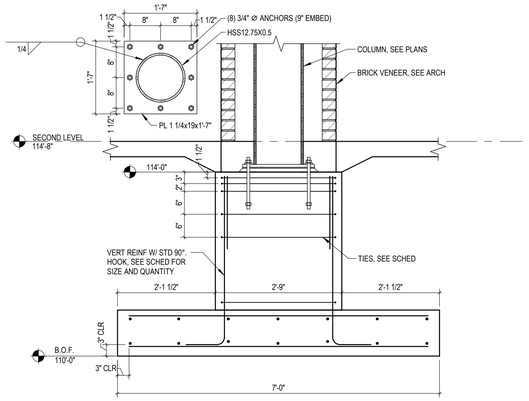
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

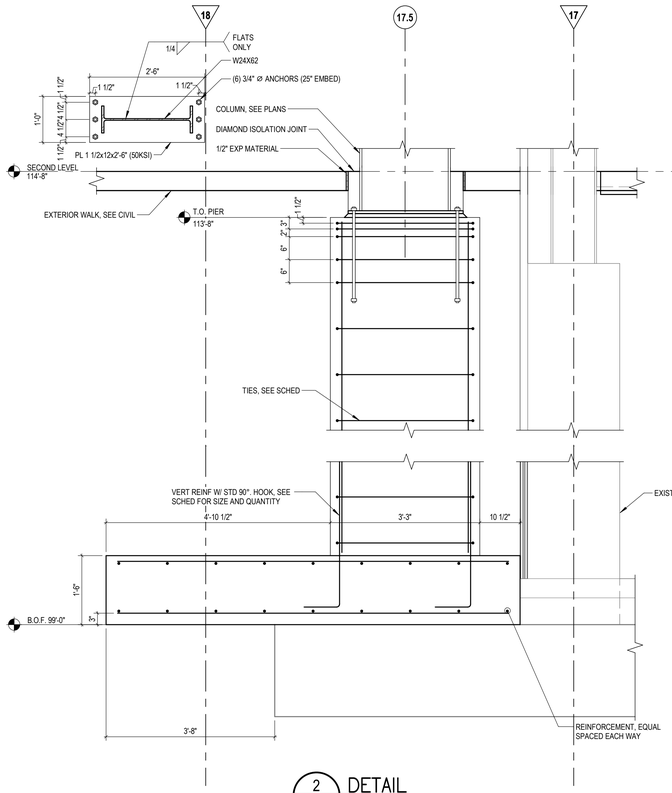
PROJECT NO.
25026D

DRAWING NO.
S4.2

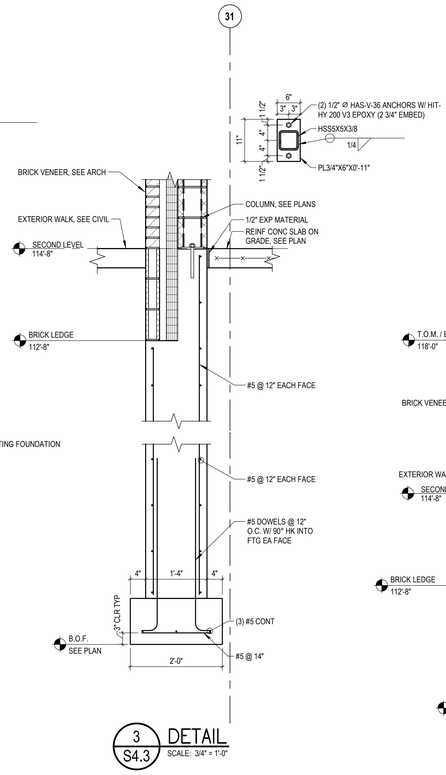
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:44 AM



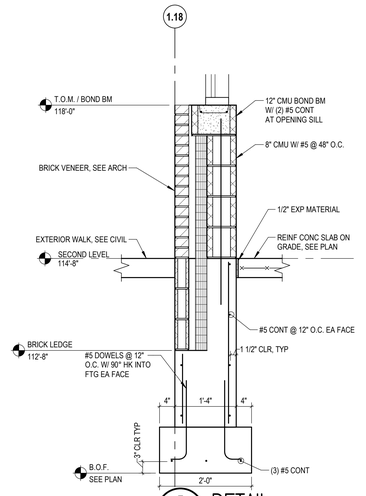
1 DETAIL S4.3 SCALE: 3/4" = 1'-0"



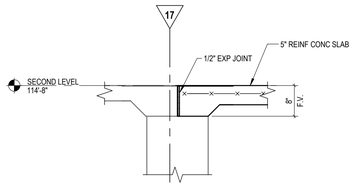
2 DETAIL S4.3 SCALE: 3/4" = 1'-0"



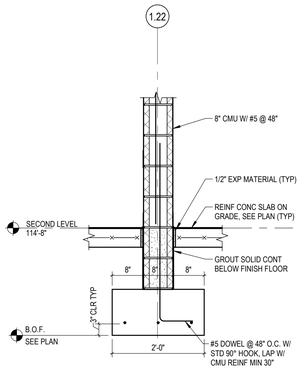
3 DETAIL S4.3 SCALE: 3/4" = 1'-0"



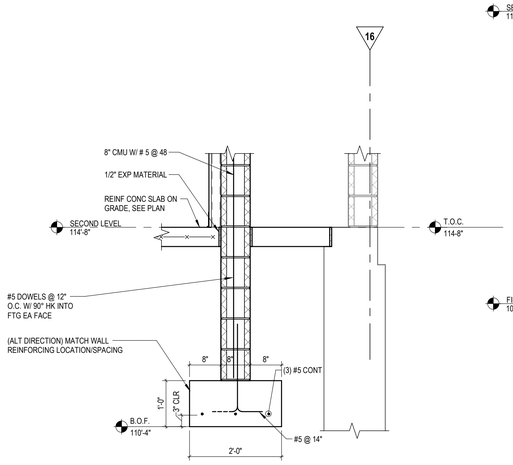
5 DETAIL S4.3 SCALE: 3/4" = 1'-0"



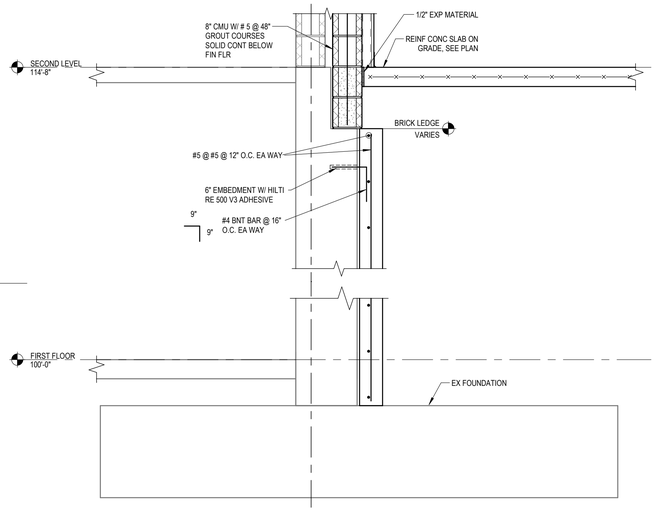
6 DETAIL S4.3 SCALE: 3/4" = 1'-0"



7 DETAIL S4.3 SCALE: 3/4" = 1'-0"



8 DETAIL S4.3 SCALE: 3/4" = 1'-0"



9 DETAIL S4.3 SCALE: 3/4" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE

Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE

Concrete Details

KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW

DATE:	ISSUED FOR:
DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

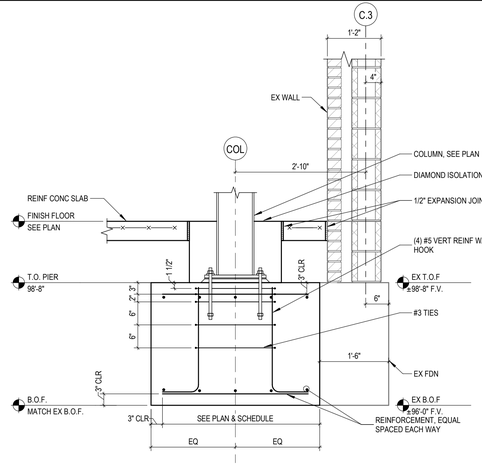
PROJECT NO.

25026D

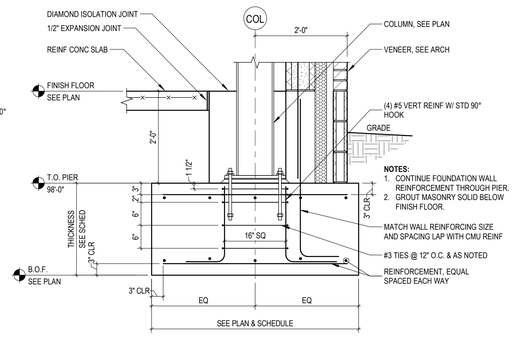
DRAWING NO.

S4.3

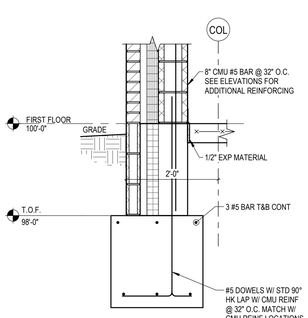
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:46 AM



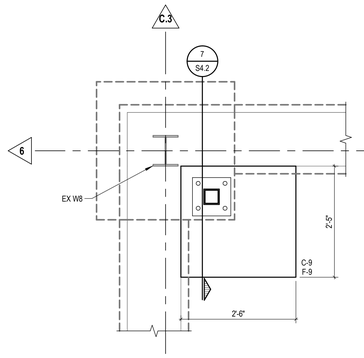
1 S4.4 TYPICAL INTERIOR FOOTING
NOT TO SCALE



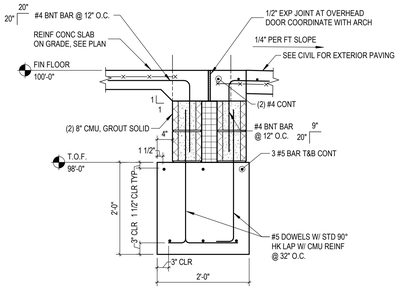
2 S4.4 TYPICAL EXTERIOR FOOTING
SCALE: 3/4" = 1'-0"



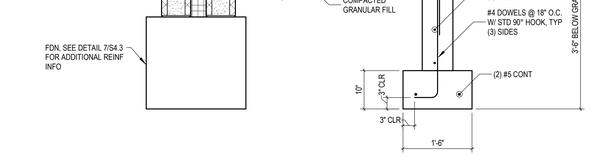
3 S4.4 DETAIL
SCALE: 3/4" = 1'-0"



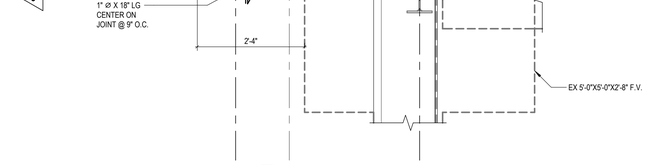
4 S4.4 DETAIL
SCALE: 3/4" = 1'-0"



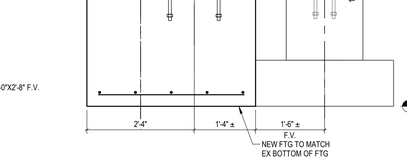
5 S4.4 APPROACH SLAB
SCALE: 3/4" = 1'-0"



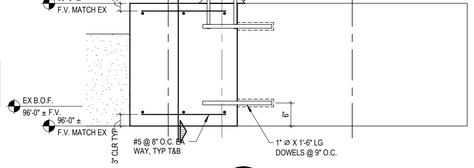
6 S4.4 TYPICAL STOOP SECTION
SCALE: 3/4" = 1'-0"



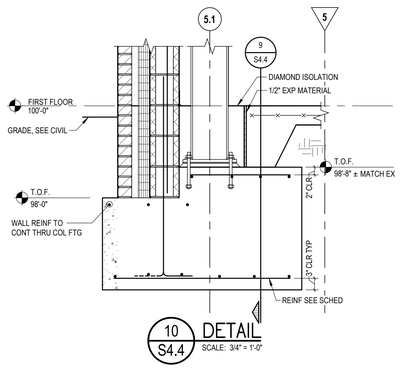
7 S4.4 PARTIAL PLAN
SCALE: 3/4" = 1'-0"



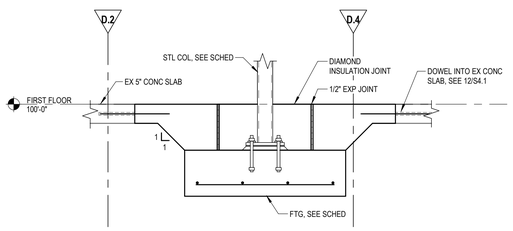
8 S4.4 DETAIL
SCALE: 3/4" = 1'-0"



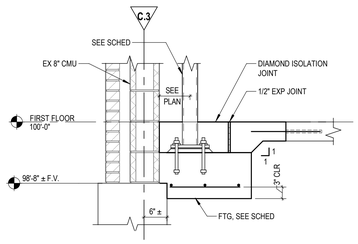
9 S4.4 DETAIL
SCALE: 3/4" = 1'-0"



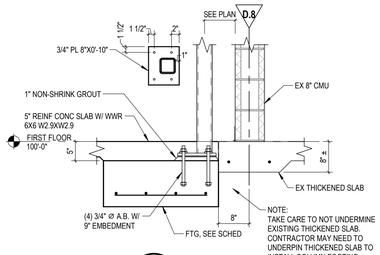
10 S4.4 DETAIL
SCALE: 3/4" = 1'-0"



12 S4.4 DETAIL
SCALE: 3/4" = 1'-0"



13 S4.4 DETAIL
SCALE: 3/4" = 1'-0"



11 S4.4 DETAIL
SCALE: 3/4" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Concrete Details

KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
DATE:	ISSUED FOR:

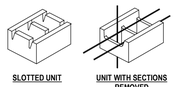
DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

PROJECT NO.
25026D

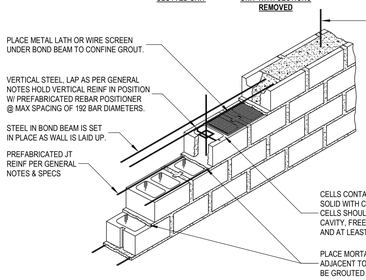
DRAWING NO.
S4.4

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147/0270_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:48 AM

NOTE:
BETWEEN GROUT POURS A HORIZ CONST JOINT SHALL BE FORMED BY STOPPING ALL WYTHES AT THE SAME ELEV AND WITH GROUT STOPPING A MINIMUM OF 1 1/2" BELOW A MORTAR JT EXCEPT AT TOP OF WALL.



NOTE:
KNOCKOUT SLOTS MAY BE CAST IN UNIT WHEN MOLDED
OR
CUT OUT WITH A MASONRY SAW AFTER UNIT HAS BEEN CURED

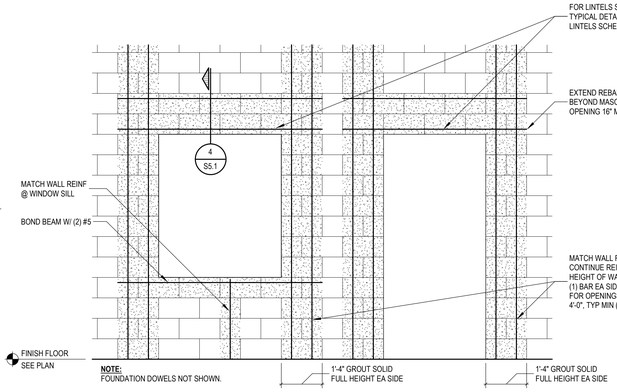


ALL MASONRY WALLS ARE TO BE REINFORCED PER THE DRAWINGS. LAP REINF W/ TYP FOOTING DOWEL. SEE GENERAL NOTES FOR ADD'L REINF REQ'D AT OTHER LOCATIONS.

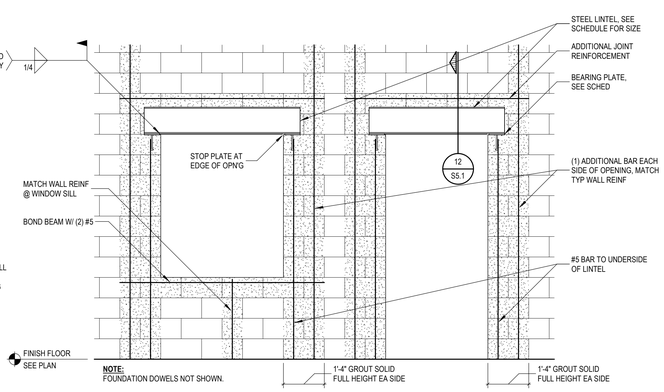
HIGH LIFT GROUTING:
SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 530.1 SPECIFICATIONS FOR MASONRY STRUCTURES. CLEANOUTS SHALL BE PROVIDED AND INSPECTED.

LOW LIFT GROUTING:
GROUT IS PLACED IN LIFTS UP TO 5'-0".

1 S5.1 LOW-LIFT GROUTING TECHNIQUE
NOT TO SCALE



2 S5.1 TYPICAL MASONRY OPENING W/ MASONRY LINTEL
NOT TO SCALE

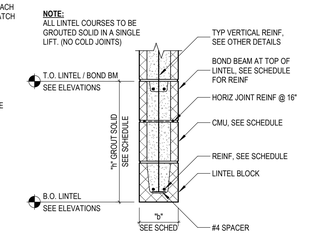


3 S5.1 TYPICAL MASONRY OPENING W/ STEEL LINTEL
NOT TO SCALE

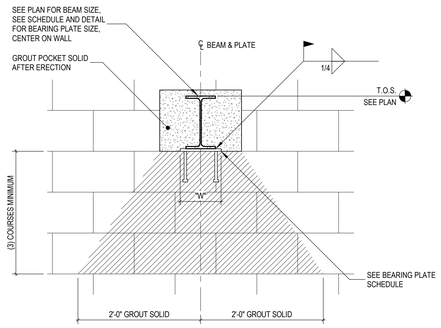
MASONRY LINTEL SCHEDULE

MARK	OPENING WIDTH	b (IN)	h (IN)	TOP STEEL	BOTTOM STEEL	DETAIL
ML-1	3'-4"	7 5/8"	8"	-	(2) #5	4/SS.1
ML-2	7'-0"	7 5/8"	16"	(2) #5	(2) #5	4/SS.1
ML-3	14'-0"	7 5/8"	32"	-	(2) #5	4/SS.1
ML-4	16'-0"	7 5/8"	40"	-	(2) #5	4/SS.1

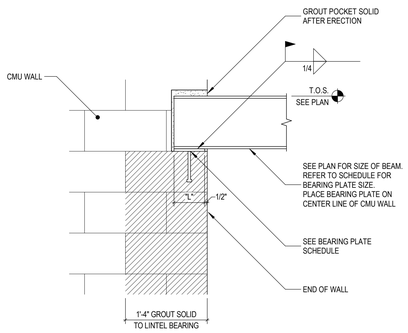
NOTE:
ALL LINTEL COURSES TO BE GROUTED SOLID IN A SINGLE LIFT. (NO COLD JOINTS)



4 S5.1 TYP MASONRY LINTEL DETAIL
NOT TO SCALE

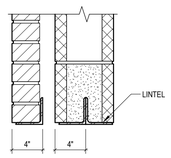


5 S5.1 TYPICAL BEAM PERPENDICULAR TO WALL
NOT TO SCALE



6 S5.1 TYPICAL BEAM PARALLEL TO WALL
NOT TO SCALE

LINTELS ARE SCHEDULED FOR EACH 4" UNIT OF MASONRY



LOOSE LINTEL SCHEDULE

"L (FT)	SIZE OF LINTEL	BEARING EACH END (IN)
UP TO 4	L3-1/2X3-1/2X1/4	4
5	L3-1/2X3-1/2X1/4	6
6	L3-1/2X3-1/2X1/4	6
7	L4X3-1/2X1/4 L.L.V.	6
8	L5X3-1/2X1/4 L.L.V.	8
9	L6X3-1/2X1/4 L.L.V.	8

NOTES:
1. LINTEL SCHEDULE APPLIES AT ALL OPENINGS IN MASONRY VENEER AND NON-LOAD BEARING MASONRY. SEE ARCH FOR SIZE AND LOCATIONS.
2. (S.L.V.) - SHORT LEG VERTICAL.
3. (L.L.V.) - LONG LEG VERTICAL.
4. "L = CLEAR OPENING

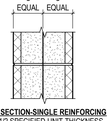
7 S5.1 TYPICAL LOOSE LINTEL SCHEDULE
NOT TO SCALE

TABLE #1 - LAP SLICE LENGTHS FOR MASONRY WALLS (INCHES)

BARS CENTERED IN WALL (SINGLE REINFORCING)

BAR SIZE	8" CMU	12" CMU
#3	18	18
#4	24	24
#5	30	30
#6	38	36
#7	-	42
#8	-	50
#9	-	64

DESIGN CRITERIA:
Fy = 60,000 PSI
Fm = 2,000 PSI



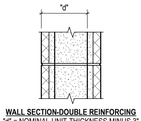
WALL SECTION-SINGLE REINFORCING
"d" = 1/2 SPECIFIED UNIT THICKNESS

TABLE #2 - LAP SLICE LENGTHS FOR MASONRY WALLS (INCHES)

BARS PLACED FOR MAX "d" (DOUBLE REINFORCING)

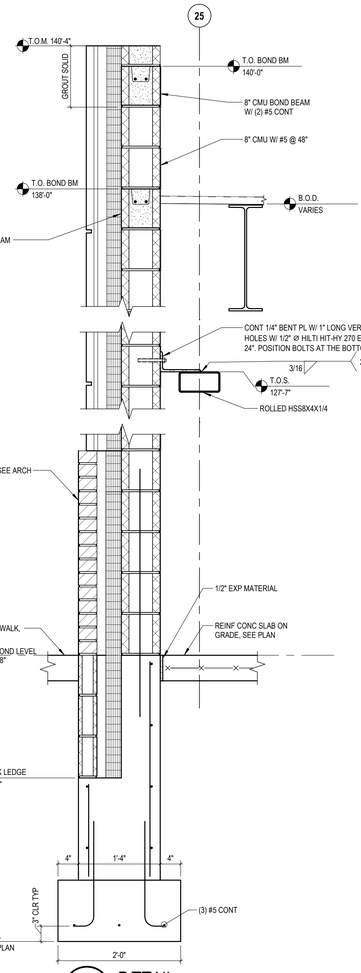
BAR SIZE	8" CMU	12" CMU
#3	18	18
#4	24	24
#5	30	30
#6	57	57
#7	80	80
#8	-	-
#9	-	-

DESIGN CRITERIA:
Fy = 60,000 PSI
Fm = 2,000 PSI



WALL SECTION-DOUBLE REINFORCING
"d" = NOMINAL UNIT THICKNESS MINUS 3"

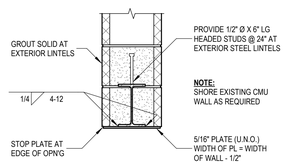
8 S5.1 TYPICAL VERTICAL REINFORCMENT LOCATION AND LAP SPLICE LENGTHS
NOT TO SCALE



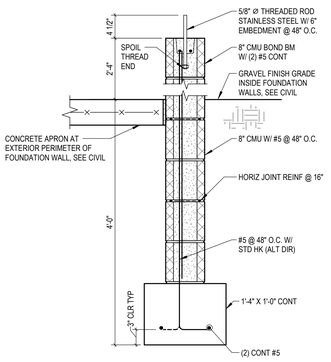
16 S5.1 DETAIL
SCALE: 1" = 1'-0"

STEEL LINTEL SCHEDULE

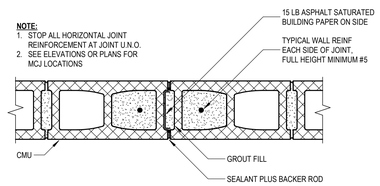
MARK	SIZE	BEARING PLATE	DETAIL
L-1	HSS8X6X5/16 + 3/8 PL	BP-1	12/SS.1
L-2	HSS18X6X5/16 + 3/8 PL		
L-3	HSS16X4X5/16 + 3/8 PL		



12 S5.1 TYP STEEL LINTEL DETAIL
NOT TO SCALE

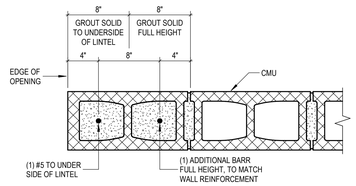


15 S5.1 DETAIL
SCALE: 1" = 1'-0"

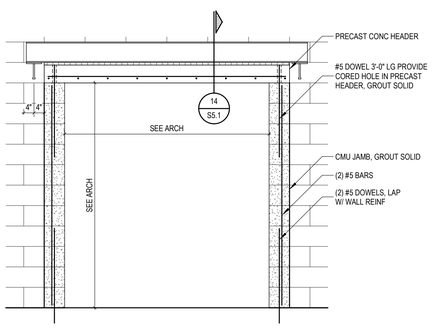


NOTE:
1. STOP ALL HORIZONTAL JOINT REINFORCEMENT AT JOINT U.N.O.
2. SEE ELEVATIONS OR PLANS FOR MCJ LOCATIONS

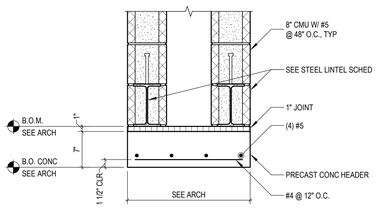
10 S5.1 MASONRY CONTROL JOINT (MCJ)
NOT TO SCALE



11 S5.1 TYPICAL LINTEL JAMB
NOT TO SCALE

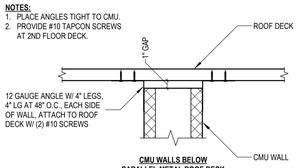


13 S5.1 TYPICAL PORTAL FRAME
NOT TO SCALE



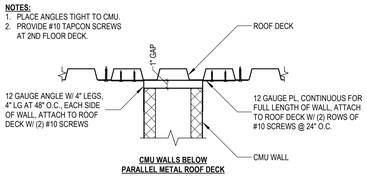
14 S5.1 DETAIL
NOT TO SCALE

NOTES:
1. PLACE ANGLES TIGHT TO CMU.
2. PROVIDE #10 TAPCON SCREWS AT 2ND FLOOR DECK.



CMU WALLS BELOW PARALLEL METAL ROOF DECK

NOTES:
1. PLACE ANGLES TIGHT TO CMU.
2. PROVIDE #10 TAPCON SCREWS AT 2ND FLOOR DECK.



CMU WALLS BELOW PARALLEL METAL ROOF DECK

TYPICAL T.O.M. DETAILS (INTERIOR NON-LOAD BEARING)
NOT TO SCALE

NOTES TO DESIGN PROFESSIONAL:
1. FIRE SAFETY NOT ADDRESSED IN THESE DETAILS, REFER TO ARCHITECTURAL FOR FIRE RATING REQUIREMENTS.
2. VERIFY ANTICIPATED DEFLECTION GAP.

9 S5.1
NOT TO SCALE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Masonry Details

KEY PLAN

ISSUE DATES

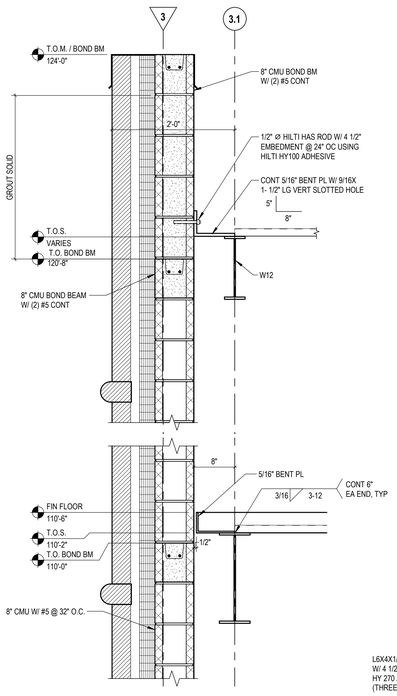
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

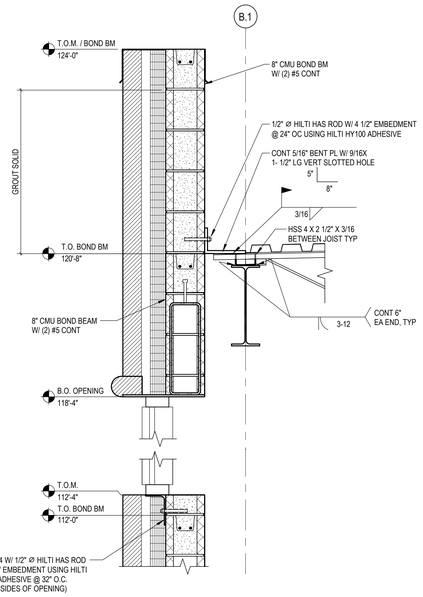
PROJECT NO.
25026D

DRAWING NO.
S5.1

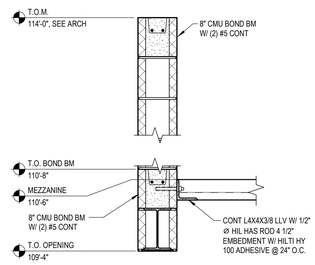
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302T0_Dexter HS EmryFitness Addition_S_v25.rvt
3/6/2026 11:05:50 AM



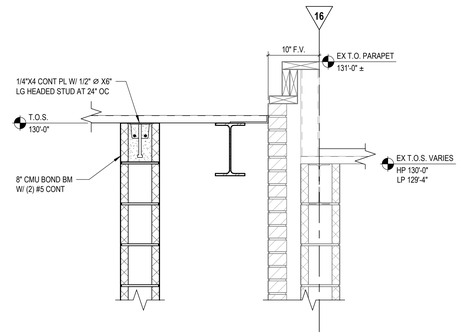
1 S5.2 DETAIL
SCALE: 1" = 1'-0"



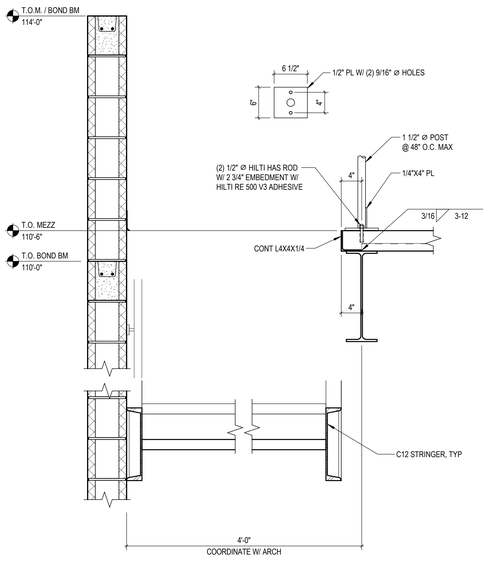
2 S5.2 DETAIL
SCALE: 1" = 1'-0"



3 S5.2 DETAIL
SCALE: 1" = 1'-0"



5 S5.2 DETAIL
SCALE: 1" = 1'-0"



6 S5.2 DETAIL
SCALE: 1" = 1'-0"

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:50 AM

TMP ARCHITECTURE

ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE

Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE

Masonry Details

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

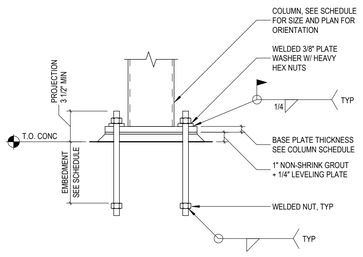
DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

PROJECT NO.

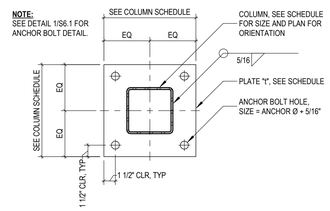
25026D

DRAWING NO.

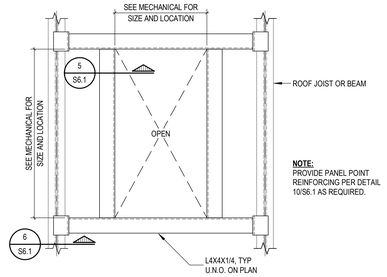
S5.2



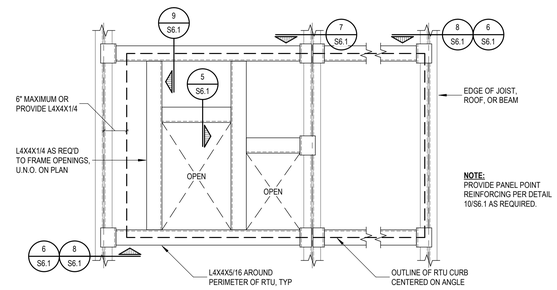
1 S6.1 TYPICAL ANCHOR BOLT DETAIL
NOT TO SCALE



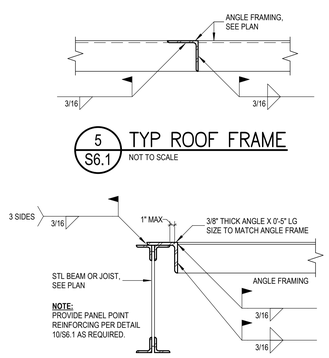
2 S6.1 TYPICAL BASE PLATE DETAIL
NOT TO SCALE



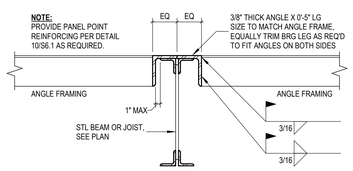
3 S6.1 TYPICAL ROOF OPENING
NOT TO SCALE



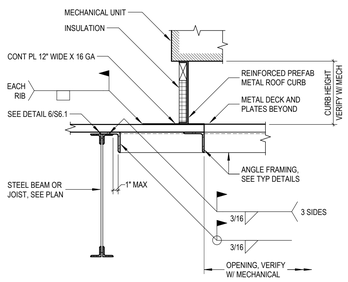
4 S6.1 TYPICAL RTU SUPPORT FRAME
NOT TO SCALE



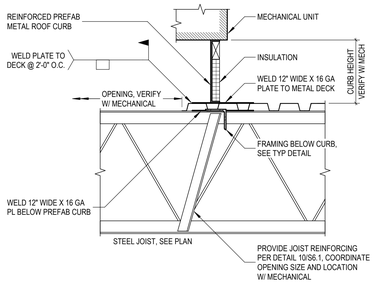
6 S6.1 TYP ROOF FRAME
NOT TO SCALE



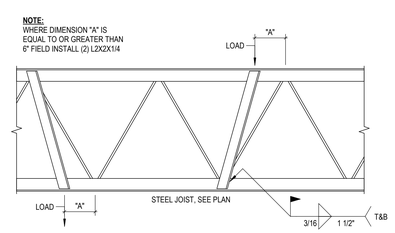
7 S6.1 TYP ROOF FRAME
NOT TO SCALE



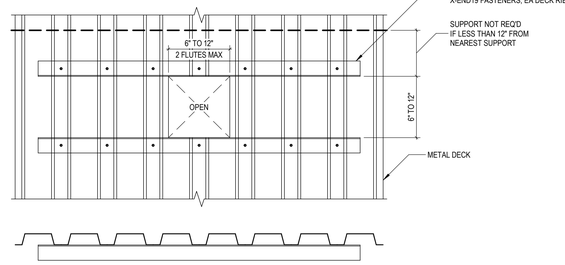
8 S6.1 TYPICAL RTU SUPPORT AT CURB
NOT TO SCALE



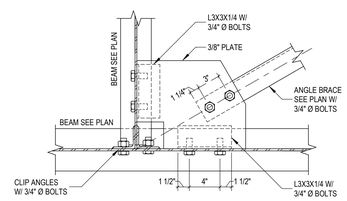
9 S6.1 TYPICAL RTU SUPPORT AT CURB
NOT TO SCALE



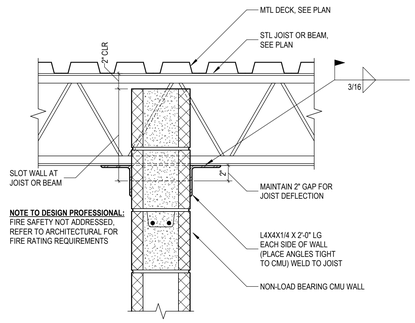
10 S6.1 TYPICAL JOIST PANEL POINT REINFORCING
NOT TO SCALE



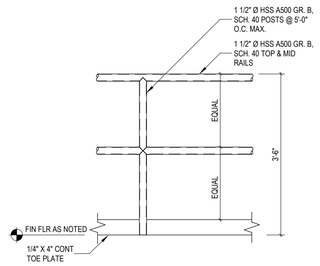
11 S6.1 TYP SMALL ROOF OPENING FRAMING
NOT TO SCALE



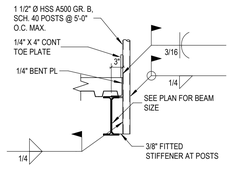
12 S6.1 TYP HORIZONTAL BRACING
NOT TO SCALE



13 S6.1 TYP T.O. WALL AT STUCTURAL FRAMING
NOT TO SCALE

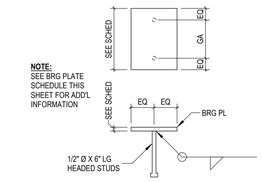


14 S6.1 TYPICAL HANDRAIL DETAIL
NOT TO SCALE

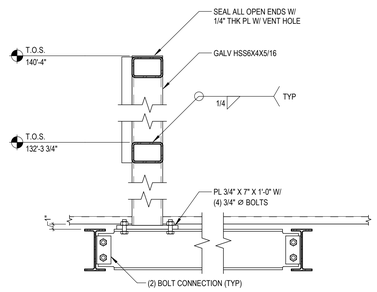


15 S6.1 TYPICAL HANDRAIL DETAIL
SCALE: 3/4" = 1'-0"

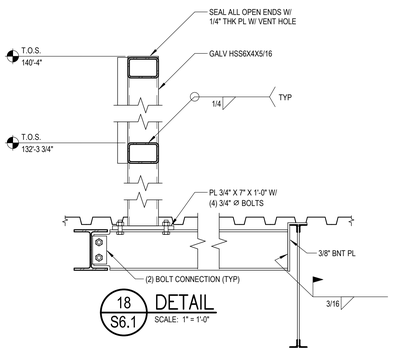
BEARING PLATE SCHEDULE		
BM/JOIST OR MARK	SIZE	REMARKS
18K	3/8"X6"X8" W/ (2) 1/2" Ø X 6" LG HEADED STUDS (GA = 6")	
W8, W10, W12	3/8"X6"X8" W/ (2) 1/2" Ø X 6" LG HEADED STUDS (GA = 6")	
HSS8	3/8"X8"X8" W/ (2) 1/2" Ø X 6" LG HEADED STUDS (GA = 6")	



16 S6.1 TYP BEARING PL DETAIL
NOT TO SCALE



17 S6.1 DETAIL
SCALE: 1" = 1'-0"



18 S6.1 DETAIL
SCALE: 1" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Steel Details

KEY PLAN

ISSUE DATES

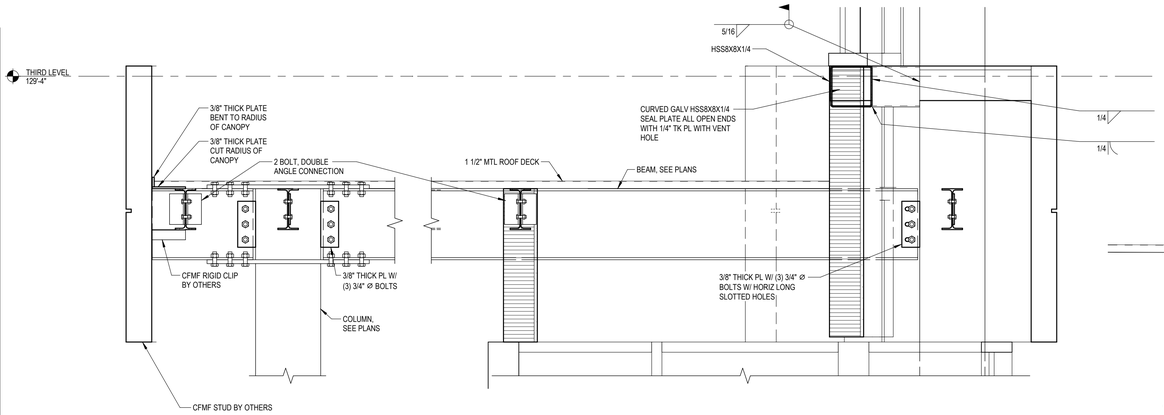
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

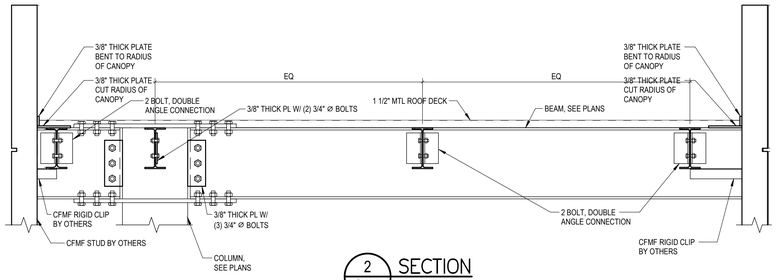
PROJECT NO.
25026D

DRAWING NO.
S6.1

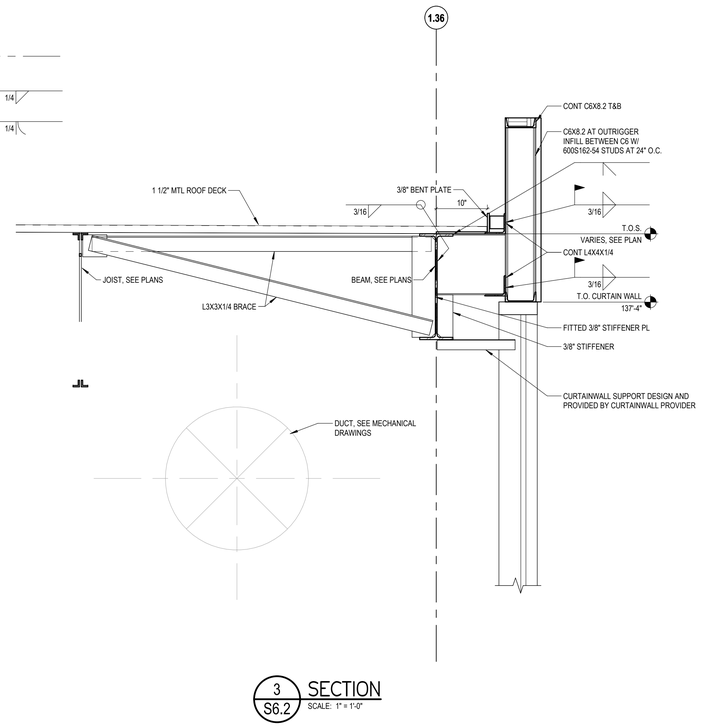
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:52 AM



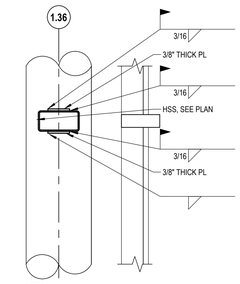
1 S6.2 SECTION
SCALE: 1" = 1'-0"



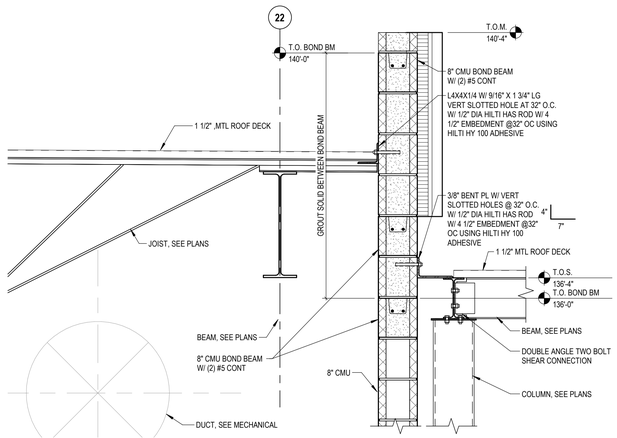
2 S6.2 SECTION
SCALE: 1" = 1'-0"



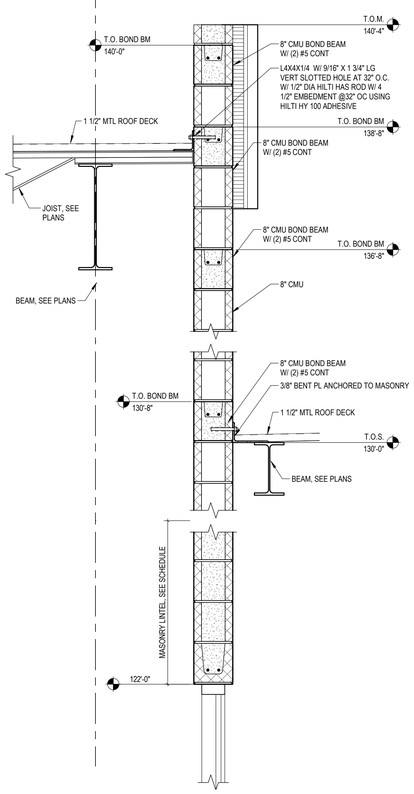
3 S6.2 SECTION
SCALE: 1" = 1'-0"



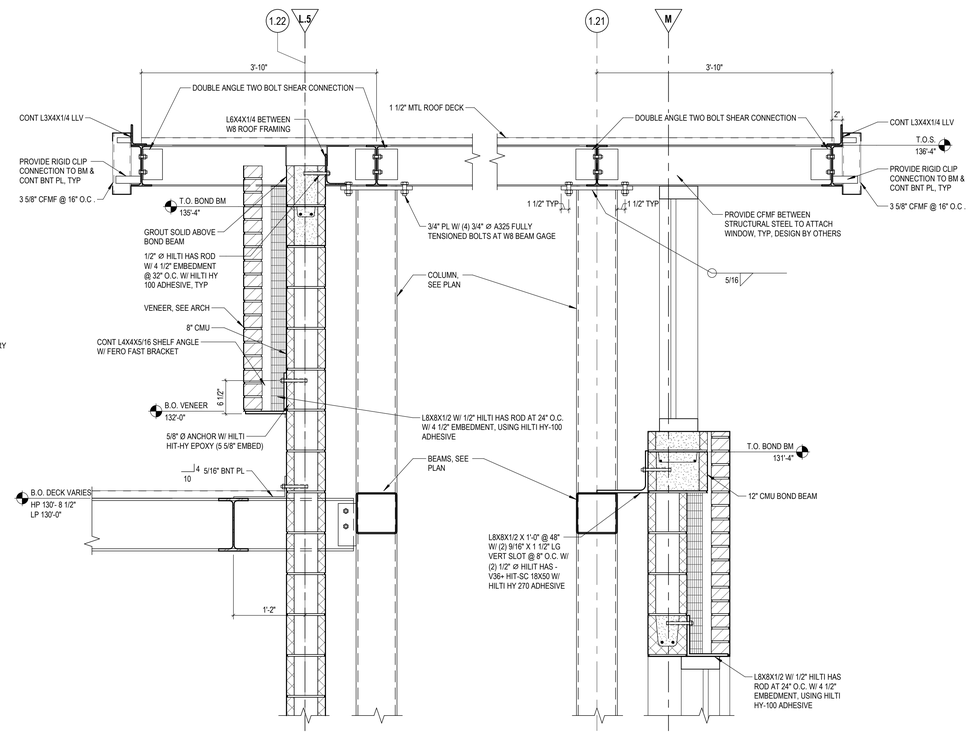
4 S6.2 DETAIL
SCALE: 1" = 1'-0"



5 S6.2 DETAIL
SCALE: 1" = 1'-0"



6 S6.2 SECTION
SCALE: 1" = 1'-0"



7 S6.2 SECTION
SCALE: 1" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Steel Details

KEY PLAN

ISSUE DATES

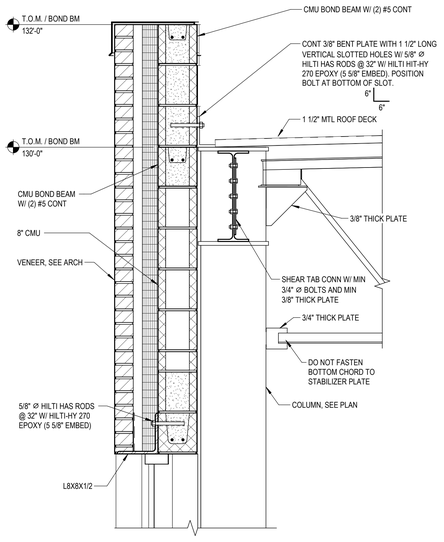
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

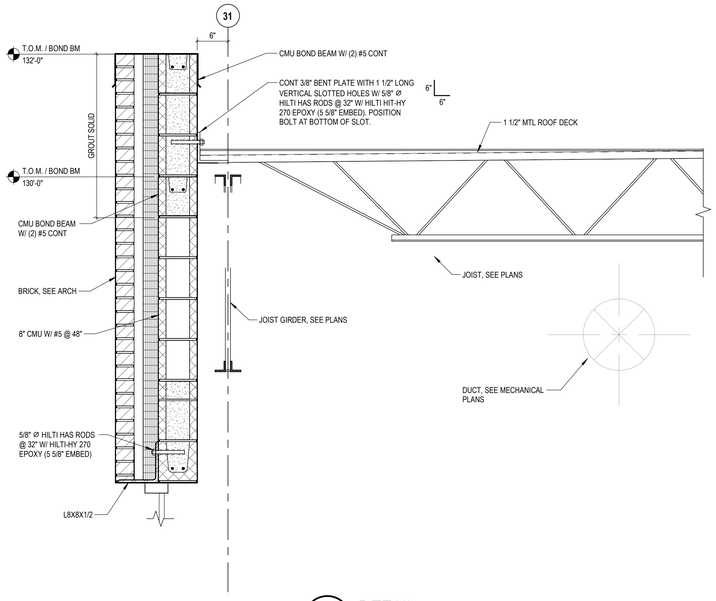
PROJECT NO.
25026D

DRAWING NO.
S6.2

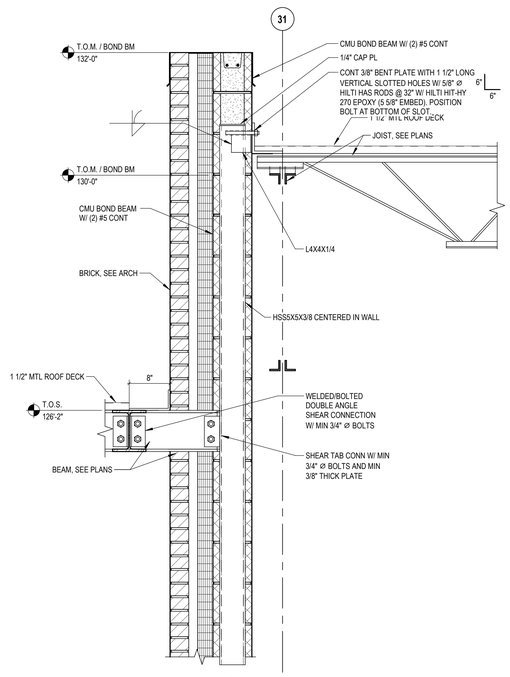
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:54 AM



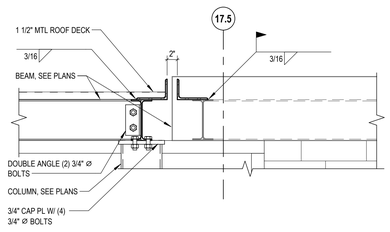
1 S6.3 DETAIL
SCALE: 1" = 1'-0"



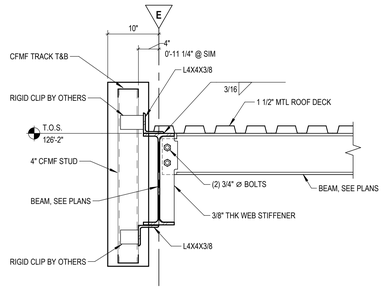
2 S6.3 DETAIL
SCALE: 1" = 1'-0"



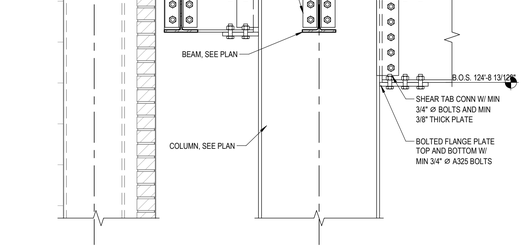
3 S6.3 DETAIL
SCALE: 1" = 1'-0"



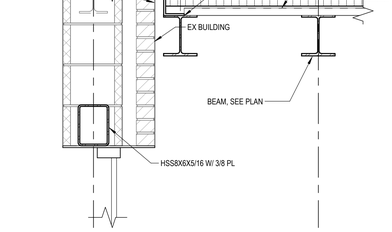
4 S6.3 DETAIL
SCALE: 1" = 1'-0"



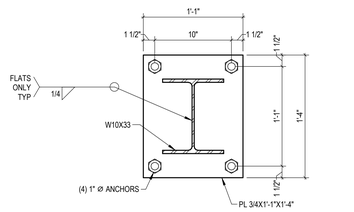
5 S6.3 DETAIL
SCALE: 1" = 1'-0"



6 S6.3 DETAIL
SCALE: 1" = 1'-0"



7 S6.3 DETAIL
SCALE: 1" = 1'-0"



8 S6.3 COLUMN BASE PLATE DETAIL
SCALE: 1 1/2" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Steel Details

KEY PLAN

ISSUE DATES

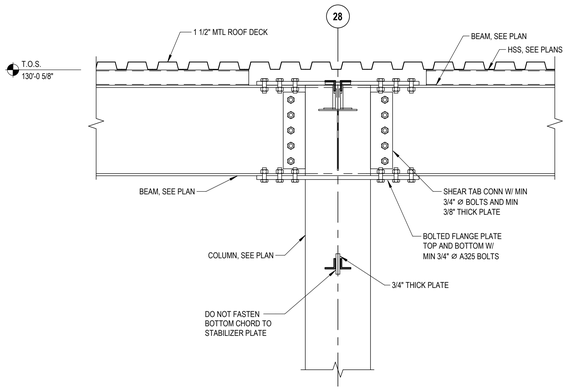
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

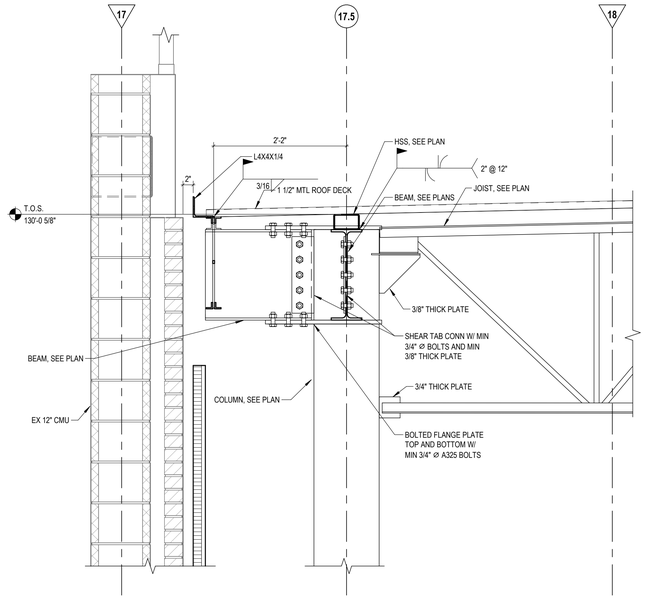
PROJECT NO.
25026D

DRAWING NO.
S6.3

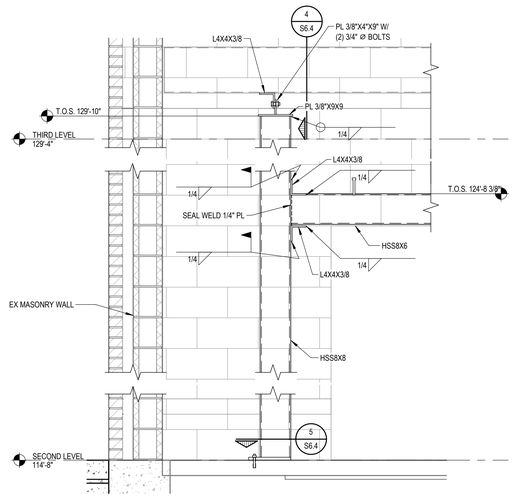
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147/0210_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:55 AM



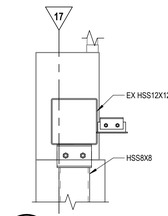
1 S6.4 DETAIL
SCALE: 1" = 1'-0"



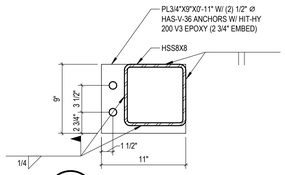
2 S6.4 SECTION
SCALE: 1" = 1'-0"



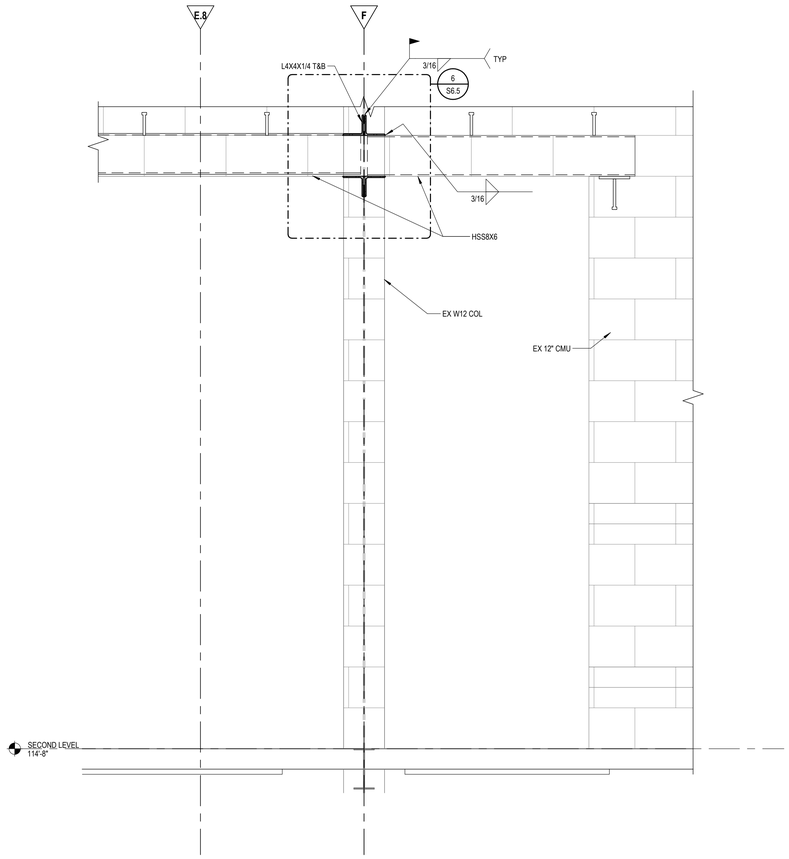
3 S6.4 DETAIL
SCALE: 3/4" = 1'-0"



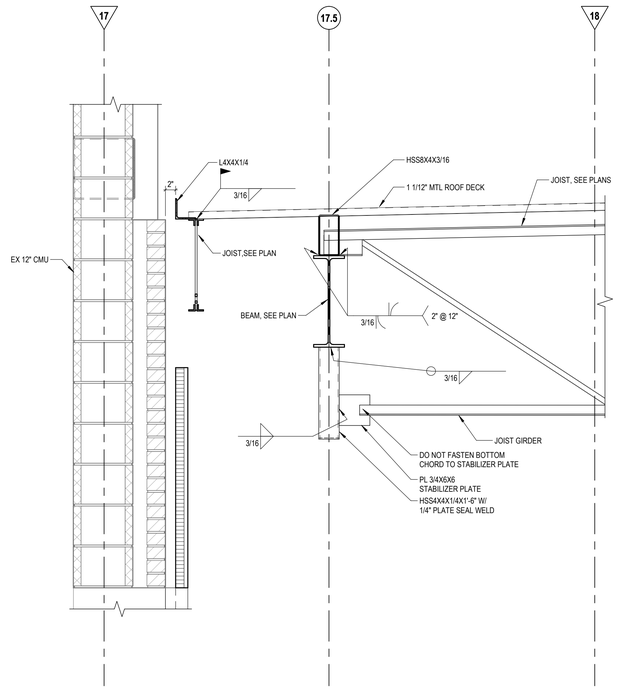
4 S6.4 DETAIL
SCALE: 3/4" = 1'-0"



5 S6.4 DETAIL
SCALE: 1 1/2" = 1'-0"



6 S6.4 DETAIL
SCALE: 1" = 1'-0"



7 S6.4 DETAIL
SCALE: 1" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Steel Details

KEY PLAN

ISSUE DATES

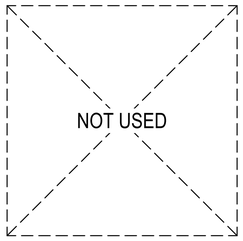
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

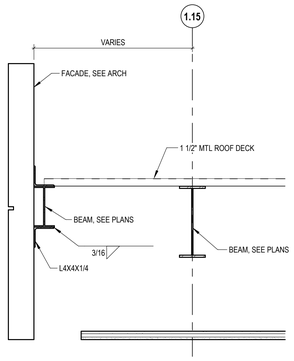
PROJECT NO.
25026D

DRAWING NO.
S6.4

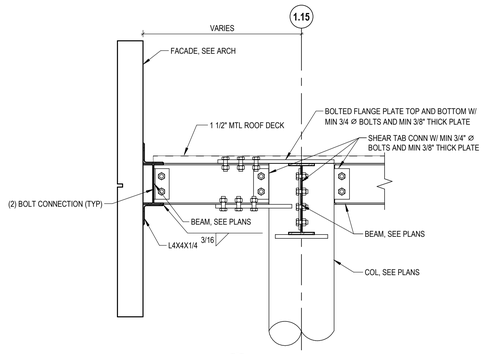
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:57 AM



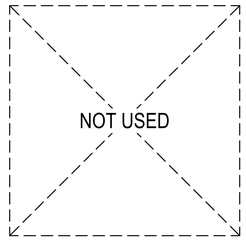
1 S6.5 DETAIL



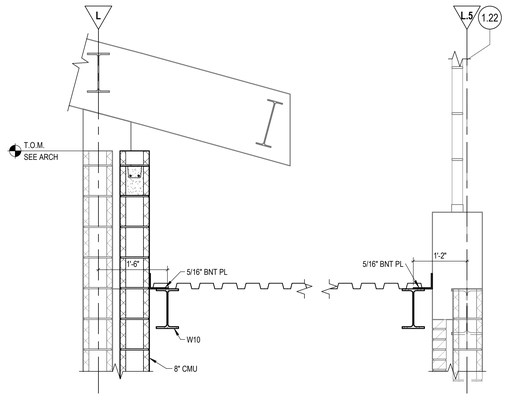
2 S6.5 DETAIL
SCALE: 1" = 1'-0"



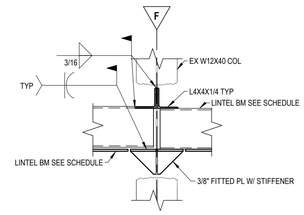
3 S6.5 DETAIL
SCALE: 1" = 1'-0"



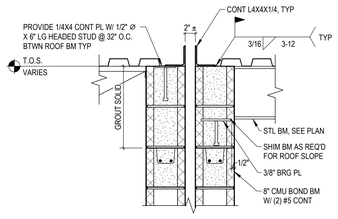
4 S6.5 DETAIL



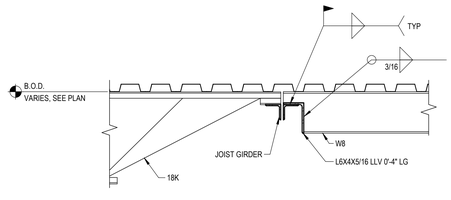
5 S6.5 DETAIL
SCALE: 3/4" = 1'-0"



6 S6.5 DETAIL
SCALE: 1" = 1'-0"



7 S6.5 DETAIL
SCALE: 1" = 1'-0"



8 S6.5 DETAIL
SCALE: 1" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Steel Details

KEY PLAN

ISSUE DATES

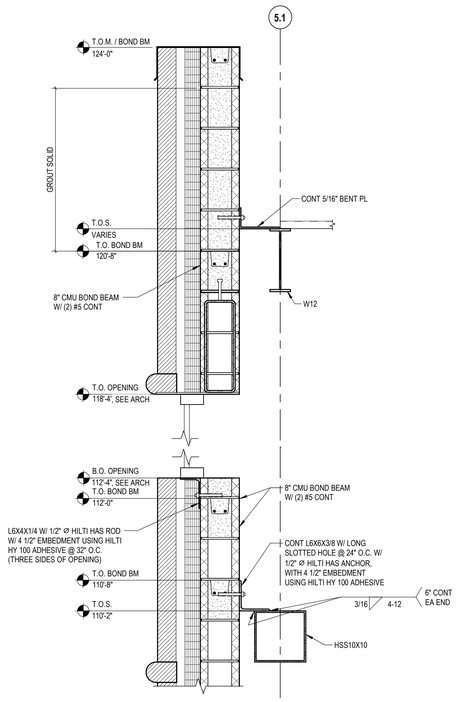
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

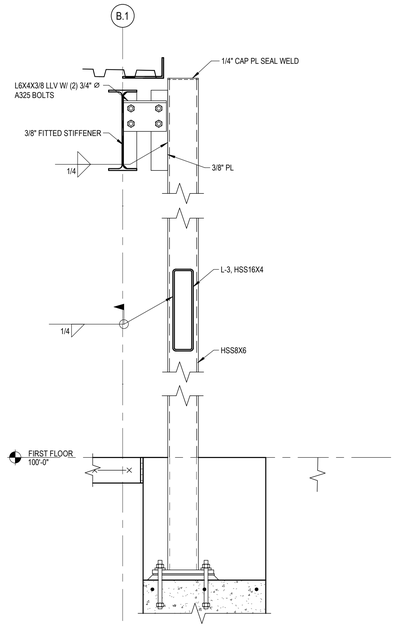
PROJECT NO.
25026D

DRAWING NO.
S6.5

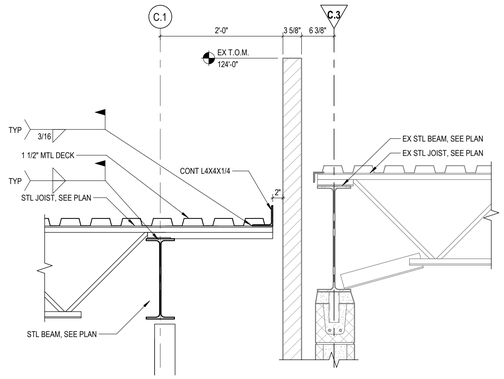
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:05:58 AM



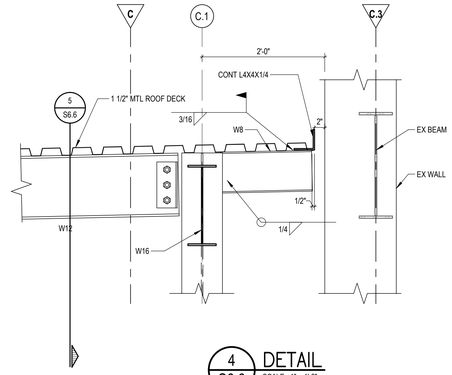
1 S6.6 DETAIL
SCALE: 1" = 1'-0"



2 S6.6 DETAIL
SCALE: 1" = 1'-0"

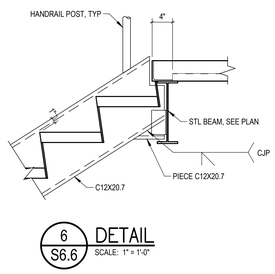


3 S6.6 DETAIL
SCALE: 1" = 1'-0"

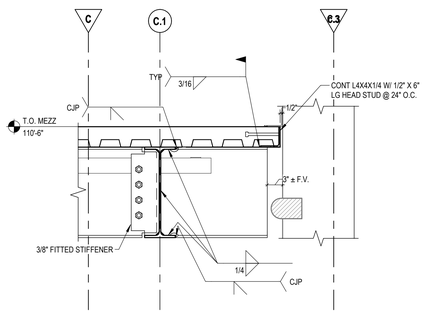


4 S6.6 DETAIL
SCALE: 1" = 1'-0"

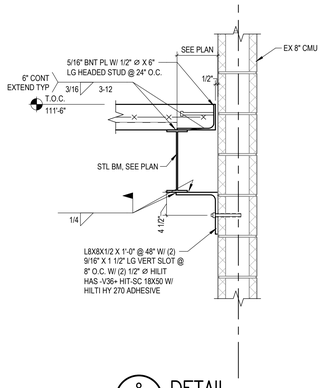
5 S6.6 DETAIL
SCALE: 1" = 1'-0"



6 S6.6 DETAIL
SCALE: 1" = 1'-0"



7 S6.6 DETAIL
SCALE: 1" = 1'-0"



8 S6.6 DETAIL
SCALE: 1" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 FX · 248.338.0223
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

WILLIAM A. KIBBE & ASSOCIATES, INC.
ENGINEERS | ARCHITECTS | SURVEYORS

PROJECT TITLE
Dexter High School Additions

Dexter Community School
Dexter, Michigan

DRAWING TITLE
Steel Details

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	A. FISCHHABER
CHECKED	E. MANNOR
APPROVED	E. MANNOR

PROJECT NO.
25026D

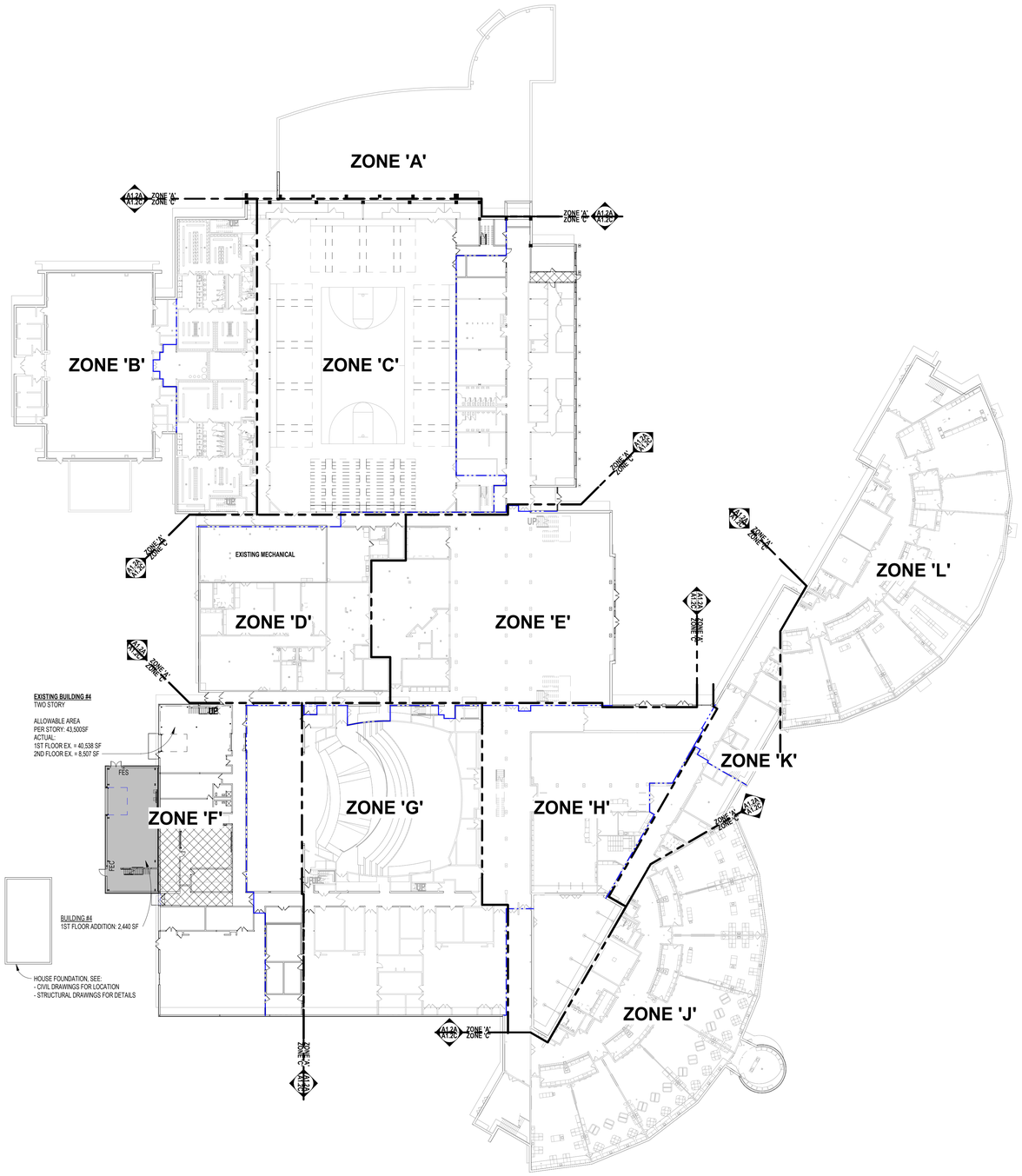
DRAWING NO.
S6.6

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25147302?0_Dexter HS EntryFitness Addition_S_v25.rvt
3/6/2026 11:06:01 AM

COMPOSITE PLAN - AREAS

ADDITION AREA

RENOVATED AREA



FIRST LEVEL COMPOSITE PLAN

SCALE: 1/32" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

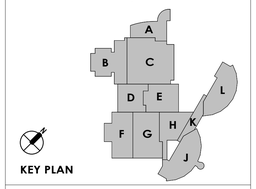
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Composite Plan

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
10-17-2025	SCHEMATIC DESIGN

DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

PROJECT NO.

25026D

DRAWING NO.

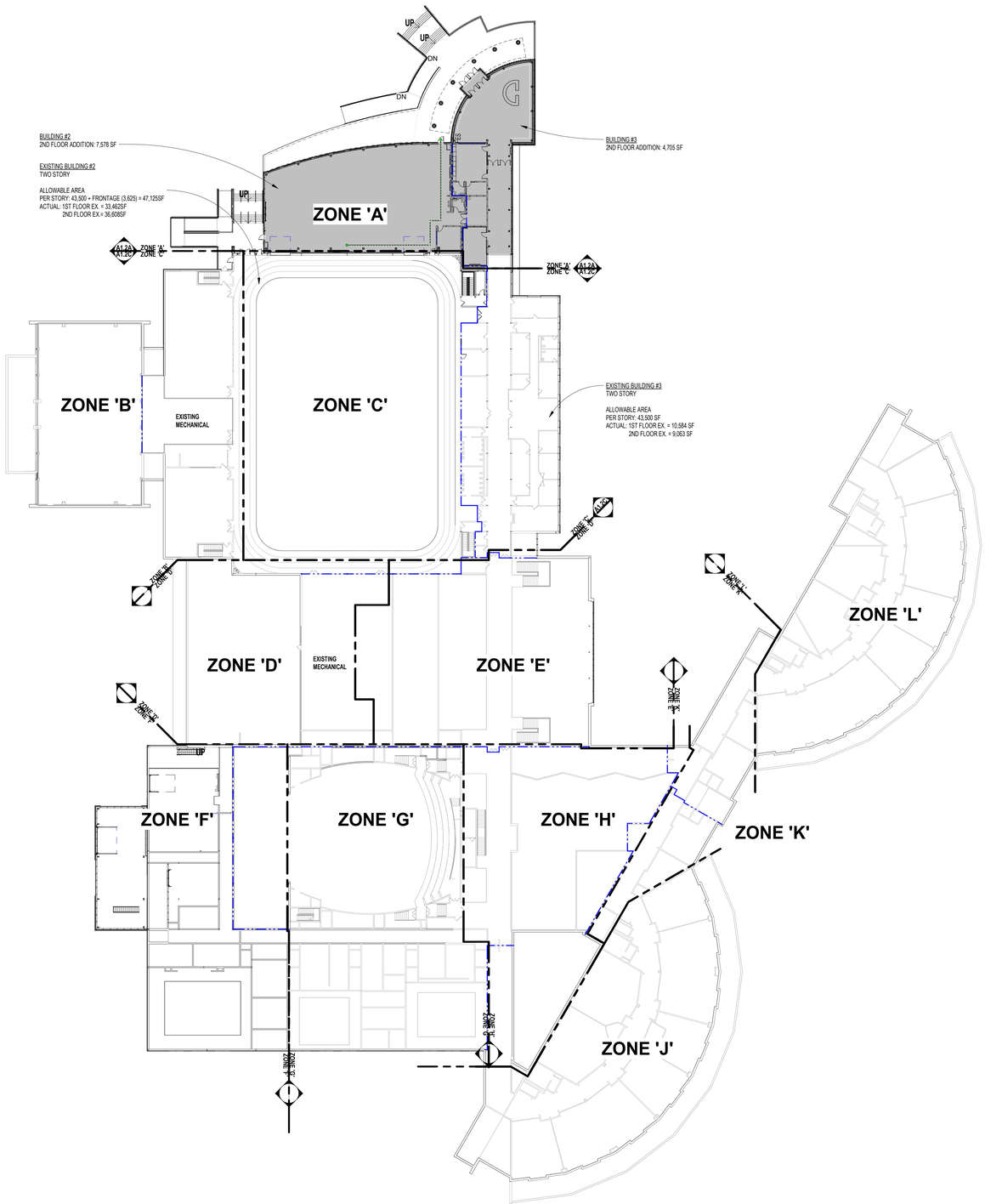
AC.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:02:53 AM

COMPOSITE PLAN - AREAS

ADDITION AREA

RENOVATED AREA



1 / A3.1 SECOND LEVEL COMPOSITE PLAN

SCALE: 1/32" = 1'-0"

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

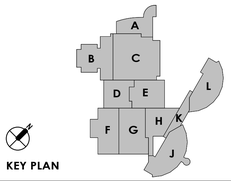
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Composite Plan



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
10-17-2025	SCHEMATIC DESIGN

DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

PROJECT NO.

25026D

DRAWING NO.

AC.2

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:02:56 AM

DOOR & FRAME SCHEDULE

Opening		Door				Frame				Details			Threshold	U.L. Label	Hdwe Set	Remarks
No.	Opening Size (Width x Height)	Type	Material	Finish	Glass	Type	Material	Finish	Glass	Head	Jamb	Sill				
FIRST LEVEL																
ZONE 'E'																
C102	3'-0" x 6'-8"	F	AL	PFN	-	15	AL	PFN	GL-5	22,23/AD.2	19,21/AD.2, 9/A5.1	-	MTL		01	
C106	3'-0" x 6'-8"	G	WD	PFN	GL-3	2	HM	PTD	SGL-1	14,17/AD.2	7,8/AD.2	-	-		02	
C127	3'-0" x 6'-8"	F	WD	PTD	-	2	HM	PTD	SGL-1	15/AD.2	11/AD.2	-	-	90	21	
ZONE 'F'																
F104A	8'-0"	OH	AL	PFN	GL-3	-	-	-	-	4/A4.4	-	4/A4.4	-		-	VERTICAL TRACK
F104B	3'-0" x 6'-8"	FG2	WD	PFN	GL-3	1	HM	PTD	-	12/AD.2	7/AD.2	-	-		04	
F104C	9'-4" x 4'-0"	-	-	-	-	11	HM	PTD	GL-3	13/AD.2	8,10/AD.2	18/AD.2	-		-	-
F106A	3'-0" x 6'-8"	F	FRP	PFN	-	4	AL	PFN	SGL-1	2/A4.3, 23/AD.2	19/AD.2	-	MTL		05	
F106B	3'-0" x 6'-8"	F	FRP	PFN	-	4	AL	PFN	SGL-1	2/A4.3, 23/AD.2	19/AD.2	-	MTL		05	
F106C	12'-0"	OH	AL	PFN	GL-6	-	-	-	-	4/A4.3	-	4/A4.3	-		-	
F106D	3'-4" x 4'-0"	-	-	-	-	9	HM	PTD	GL-3		18/A5.1	-	-		-	
F107	4'-0" x 6'-8"	F	FRP	PFN	-	2	AL	PFN	SGL-1	2/A4.3, 23/AD.2	19/AD.2	-	MTL		03	CARD READER
SECOND LEVEL																
ZONE 'A'																
A201	(2) 3'-0" x 8'-0"	FG2	AL	PFN	GL-1	14	AL	PFN	GL-1	3/A4.1	19,21/AD.2	-	-		16	
A201A	(2) 3'-0" x 8'-0"	FG2	AL	PFN	GL-1	14	AL	PFN	GL-1	3/A4.1	19,21/AD.2	-	-		15	
A201B	3'-0" x 8'-0"	FG2	AL	PFN	GL-1	15	AL	PFN	GL-5	3/A4.3	19,21/AD.2	-	MTL		14	
A201C	3'-0" x 8'-0"	FG2	AL	PFN	GL-1	15	AL	PFN	GL-5	3/A4.3	19,21/AD.2	-	MTL		24	AUTOMATIC OPERATOR
A201D	3'-0" x 8'-0"	FG2	AL	PFN	GL-1	15	AL	PFN	GL-5	3/A4.3	19,21/AD.2	-	MTL		13	
A201E	3'-0" x 8'-0"	FG2	AL	PFN	GL-1	15	AL	PFN	GL-5	3/A4.3	19,21/AD.2	-	MTL		14	REMOVABLE MULLION
A203	3'-0" x 6'-8"	FG2	WD	PFN	GL-1	8	HM	PTD	GL-1	12,13,14/AD.2	7,8,9,10/AD.2	18/AD.2	-		17	CARD READER
A203A	3'-0" x 6'-8"	FG2	WD	PFN	GL-3	7	HM	PTD	GL-3	12,13,14/AD.2	7,8,9,10/AD.2	18/AD.2	-		18	CARD READER
A203B	16'-0" x 4'-0"	-	-	-	-	12	HM	PTD	GL-5	13/AD.2	8,10/AD.2	18/AD.2	-		-	-
A204	3'-0" x 6'-8"	F	WD	PFN	-	7	HM	PTD	GL-3	13,14/AD.2	7,8,9,10/AD.2	18/AD.2	-		08	
A205	3'-0" x 6'-8"	F	WD	PFN	-	2	HM	PTD	SGL-1	13,14/AD.2	7,8/AD.2	-	THR-1		07	
A206	(2) 3'-0" x 6'-8"	FG2	WD	PFN	GL-1	6	HM	PTD	GL-1	13,14/AD.2	7,8,9,10/AD.2	-	-		20	REMOVABLE MULLION
A206A	(2) 3'-0" x 6'-8"	FG2	WD	PFN	GL-1	6	HM	PTD	GL-1	13,14/AD.2	7,8,9,10/AD.2	-			19	
A207A	3'-0" x 7'-0"	F	FRP	PFN	GL-1	2	AL	PFN	GL-5	22,23/AD.2, 2/A4.5	19,20/AD.2	-	MTL		11	CARD READER
A207B	3'-6" x 7'-0"	F	FRP	PFN	-	2	FRP	PFN	SGL-1	22,23/AD.2	19,20/AD.2	-	MTL	45	12	
A207C	10'-0"	OH	AL	PFN	GL-2	-	-	-	-	2/A4.4	13/A5.1	2/A4.4	-		-	
A207D	10'-0"	OH	AL	PFN	GL-2	-	-	-	-	2/A4.4	13/A5.1	2/A4.4	-		-	
A207E	3'-0" x 6'-8"	G	WD	PFN	GL-2	2	HM	PTD	SGL-1				-		25	CARD READER
A207F	12'-0" x 6'-0"	-	-	-	-	13	HM	PTD	GL-2	2/A4.2	8/A5.1	2/A4.2	-		-	
A207G	12'-0" x 6'-0"	-	-	-	-	13	HM	PTD	GL-2	2/A4.2	8/A5.1	2/A4.2	-		-	
A208	3'-0" x 8'-8"	FG2	WD	PFN	GL-3	7	HM	PTD	GL-3	13,14/AD.2	7,8,9,10/AD.2	18/AD.2	-		09	
A209	3'-0" x 6'-8"	G	WD	PFN	-	2	HM	PTD	SGL-1	13,14/AD.2	7,8/AD.2	-	-		08	
A209A	8'-0" x 4'-0"	-	-	-	-	11	HM	PTD	GL-2	13/AD.2	8,10/AD.2	18/AD.2	-		-	
A210	3'-0" x 6'-8"	F	WD	PFN	-	2	HM	PTD	SGL-1	13,14/AD.2	7,8/AD.2	-	THR-1		06	
A211	(2) 3'-0" x 6'-8"	F	WD	PFN	-	3	HM	PTD	SGL-1	1/A4.6	1,2/A5.1	-	-	90	10	FIRE PORTAL
ZONE 'C'																
C219	3'-0" x 6'-8"	G	WD	PFN	-	2	HM	PTD	SGL-1	14,17/AD.2	7,8/AD.2	-	-	90	28	
C226A	(2) 3'-0" x 7'-0"	FG2	AL	PFN	GL-1	5	AL	PFN	GL-5	23/AD.2, 3/A4.5	13/A5.1	-			27	REMOVABLE MULLION
C226B	3'-0" x 7'-0"	FG2	AL	PFN	GL-1	5	AL	PFN	GL-5	23/AD.2, 3/A4.5	13/A5.1	-	MTL		26	
C226C	3'-0" x 7'-0"	FG2	AL	PFN	GL-1	2	AL	PFN	GL-5	23/AD.2, 3/A4.5	13/A5.1	-	MTL		23	CARD READER, AUTOMATIC OPERATOR
C226D	3'-0" x 7'-0"	FG2	AL	PFN	GL-1	2	AL	PFN	GL-5	22,23/AD.2	19,20/AD.2, 13/A5.1	-	MTL		26	CARD READER
C227	3'-0" x 6'-8"	F	WD	PFN	-	1	HM	PTD	-	12/AD.2	7/AD.2	-	-		22	

GLAZING TYPES

GL-1	5/16" (8mm) HEAT-STRENGTHENED LAMINATED GLASS
GL-2	1/4" (6mm) CLEAR TEMPERED MONOLITHIC GLASS
GL-3	1/4" (6mm) CLEAR LAMINATED GLASS
GL-4	1" (25mm) CLEAR TEMPERED INSULATED MONOLITHIC GLASS (LOW-E)
GL-5	1" (25mm) CLEAR HEAT-STRENGTHENED LAMINATED INSULATED GLASS (LOW-E)
GL-5a	1" (25mm) CLEAR HEAT-STRENGTHENED LAMINATED INSULATED GLASS (LOW-E) w/ CERAMIC FRIT
SGL-1	1" PREFINISHED, INSULATED METAL PANEL

DOOR SCHEDULE ABBREVIATIONS AND NOTES

(REFER TO SPECIFICATIONS FOR ADDTIONAL DOOR INFORMATION)

DOOR SCHEDULE ABBREVIATIONS

AL	ALUMINUM
ALGL	ALUMINUM AND GLASS
EX	EXISTING
FRAF	FIRE RATED ALUMINUM FRAMING
FRP	FIBERGLASS REINFORCED POLYESTER
HM	HOLLOW METAL
LAM	PLASTIC LAMINATE CLAD
MET	METAL THRESHOLD
NAT	NATURAL FINISHED WOODWORK
PFN	PREFINISHED BY MANUFACTURER
PTD	PAINTED
SDSF	SOLID SURFACE THRESHOLD
STL	STEEL
STSTL	STAINLESS STEEL
WD	SOLID CORE HARDWOOD

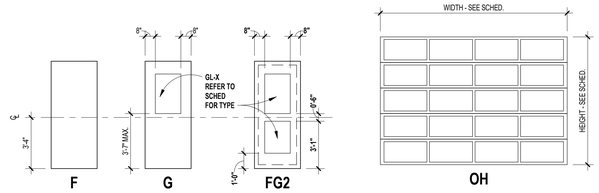
DOOR SCHEDULE GENERAL NOTES

1. GALVANIZED METAL TO BE PROVIDED FOR HOLLOW METAL DOOR AND/OR FRAME AT EXTERIOR LOCATIONS.
2. DOORS ARE 1-3/4" THICKNESS UNLESS OTHERWISE NOTED
3. DETAIL NUMBERS NOTED SIM. REFER TO DETAILS SHOWING HEAD, JAMB, AND/OR SILL DETAILS THAT REPRESENT CONDITIONS SIMILAR TO THOSE NOTED.
4. HOLLOW METAL FRAMES SET IN MASONRY WALLS ARE 5-3/4" WIDE.
5. HOLLOW METAL FRAMES SET IN GYPSUM BD./METAL STUD PARTITIONS SHALL BE "DOUBLE BACK-BEND" FRAMES WITH A THROAT DIMENSION EQUAL TO THE PARTITION THICKNESS PLUS 9/16" RETURNS ON EACH SIDE OF THE PARTITION. PROVIDE EQUAL RABBETS.
6. AN ASTERICK (*) CALLS ATTENTION TO THE REMARKS COLUMN OF THE SCHEDULE.

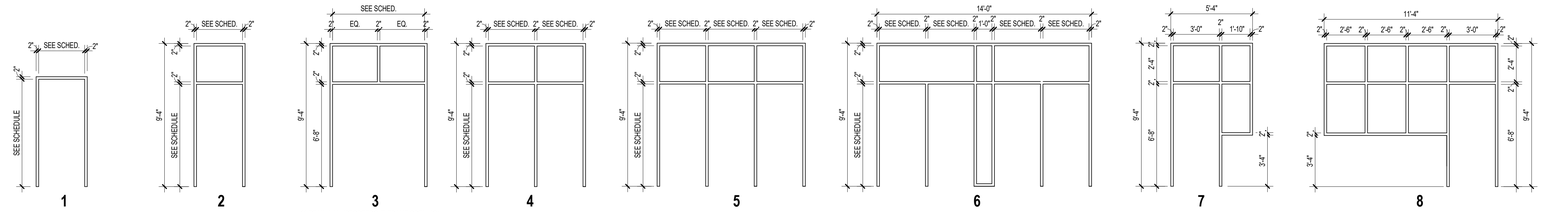
U.L. DOOR LABEL DESIGNATIONS

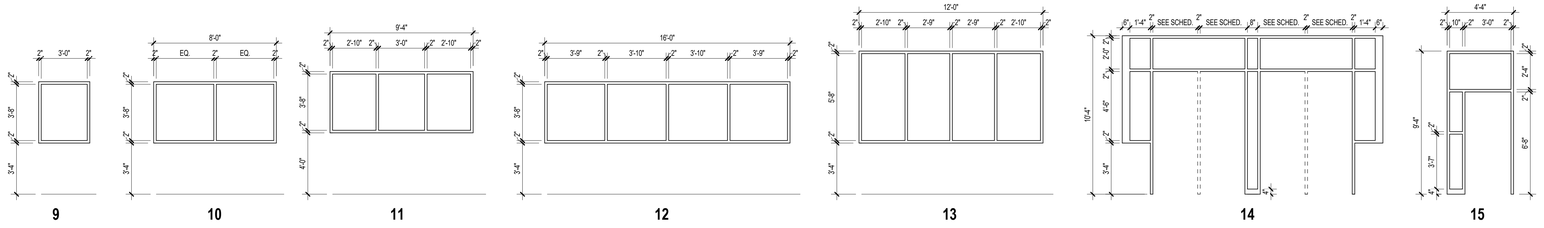
U.L. LABEL**	MIN. OPENING PROTECTION ASSEMBLY
180	3 HR. RATING
90	1-1/2 HR. RATING
60	1 HR. RATING
45	3/4 HR. RATING
20	1/3 HR. RATING

**ALL FIRE RATED DOORS SHALL BE SMOKE AND DRAFT CONTROL LABELED IN ADDITION TO U.L. LABELS INDICATED.



DOOR TYPES





FRAME TYPES

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Door & Frame Schedule

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	MRF/EK
CHECKED	MCL
APPROVED	DWL

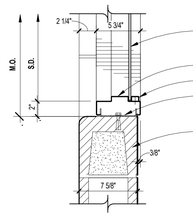
PROJECT NO.

25026D

DRAWING NO.

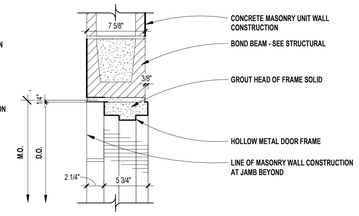
AD.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:02:58 AM



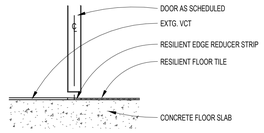
18 HOLLOW METAL WINDOW FRAME SILL DETAIL

SCALE: 1 1/2" = 1'-0"



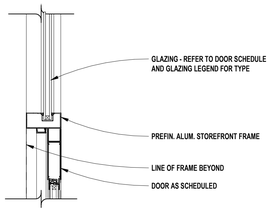
12 HOLLOW METAL DOOR FRAME HEAD DETAIL

SCALE: 1 1/2" = 1'-0"



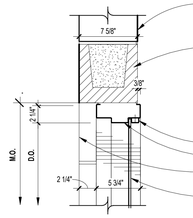
6 SILL DETAIL - VCT TO RFT

SCALE: 1 1/2" = 1'-0"



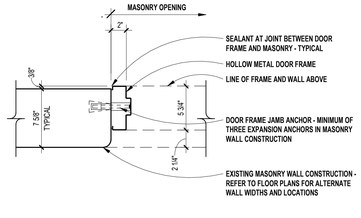
23 ALUMINUM DOOR AND TRANSOM HEAD DETAIL

SCALE: 1 1/2" = 1'-0"



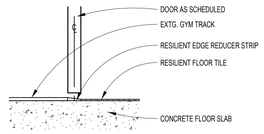
17 HOLLOW METAL WINDOW FRAME HEAD DETAIL

SCALE: 1 1/2" = 1'-0"



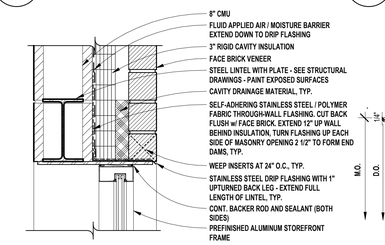
11 HOLLOW METAL DOOR FRAME JAMB DETAIL

SCALE: 1 1/2" = 1'-0"



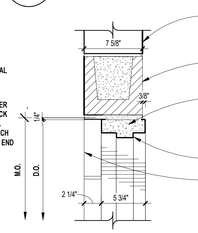
5 SILL DETAIL - RAF TO EXTG TRACK

SCALE: 1 1/2" = 1'-0"



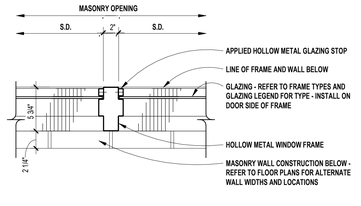
22 ALUMINUM WINDOW HEAD AT EXT. WALL

SCALE: 1 1/2" = 1'-0"



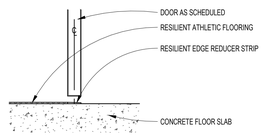
16 HOLLOW METAL DOOR FRAME HEAD DETAIL

SCALE: 1 1/2" = 1'-0"



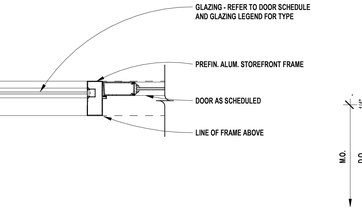
10 HOLLOW METAL WINDOW MULLION DETAIL

SCALE: 1 1/2" = 1'-0"



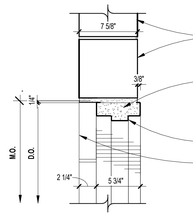
4 SILL DETAIL - RAF TO CONCS

SCALE: 1 1/2" = 1'-0"



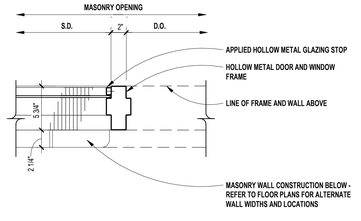
21 ALUMINUM DOOR AND SIDELITE JAMB DETAIL

SCALE: 1 1/2" = 1'-0"



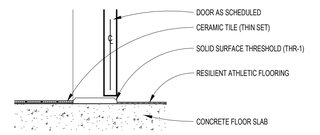
15 HOLLOW METAL DOOR FRAME HEAD DETAIL

SCALE: 1 1/2" = 1'-0"



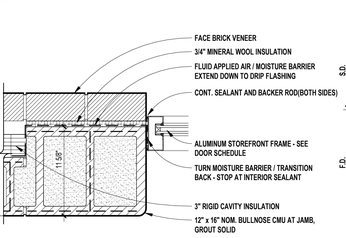
9 HOLLOW METAL WINDOW FRAME DOOR JAMB

SCALE: 1 1/2" = 1'-0"



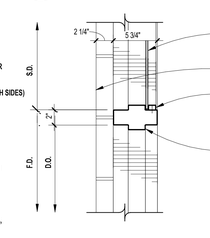
3 SILL DETAIL - CT TO RAF

SCALE: 1 1/2" = 1'-0"



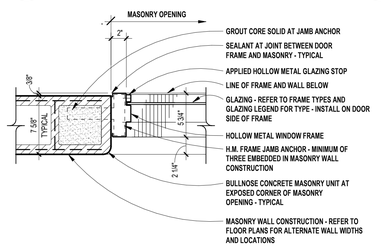
20 ALUMINUM SIDELITE JAMB AT EXT. WALL

SCALE: 1 1/2" = 1'-0"



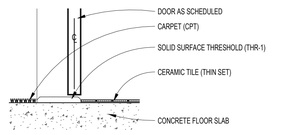
14 HOLLOW METAL WINDOW TRANSOM DETAIL

SCALE: 1 1/2" = 1'-0"



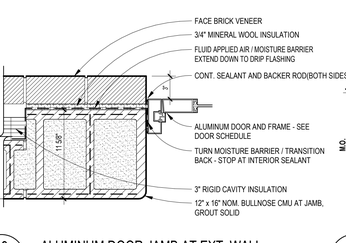
8 HOLLOW METAL WINDOW FRAME JAMB DETAIL

SCALE: 1 1/2" = 1'-0"



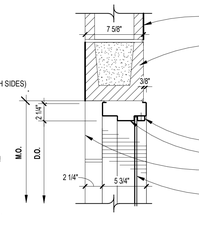
2 SILL DETAIL - CPT TO CT (THR-1)

SCALE: 1 1/2" = 1'-0"



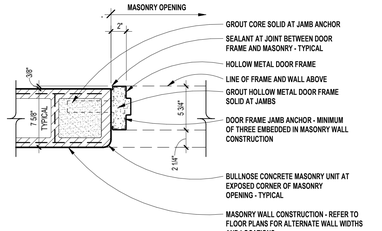
19 ALUMINUM DOOR JAMB AT EXT. WALL

SCALE: 1 1/2" = 1'-0"



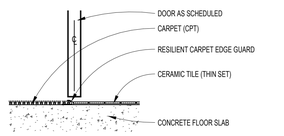
13 HOLLOW METAL WINDOW FRAME HEAD DETAIL

SCALE: 1 1/2" = 1'-0"



7 HOLLOW METAL DOOR FRAME JAMB DETAIL

SCALE: 1 1/2" = 1'-0"



1 SILL DETAIL - CPT TO CT

SCALE: 1 1/2" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Head, Jamb, and Sill Details

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	MRF/EK
CHECKED	MCL
APPROVED	DWL

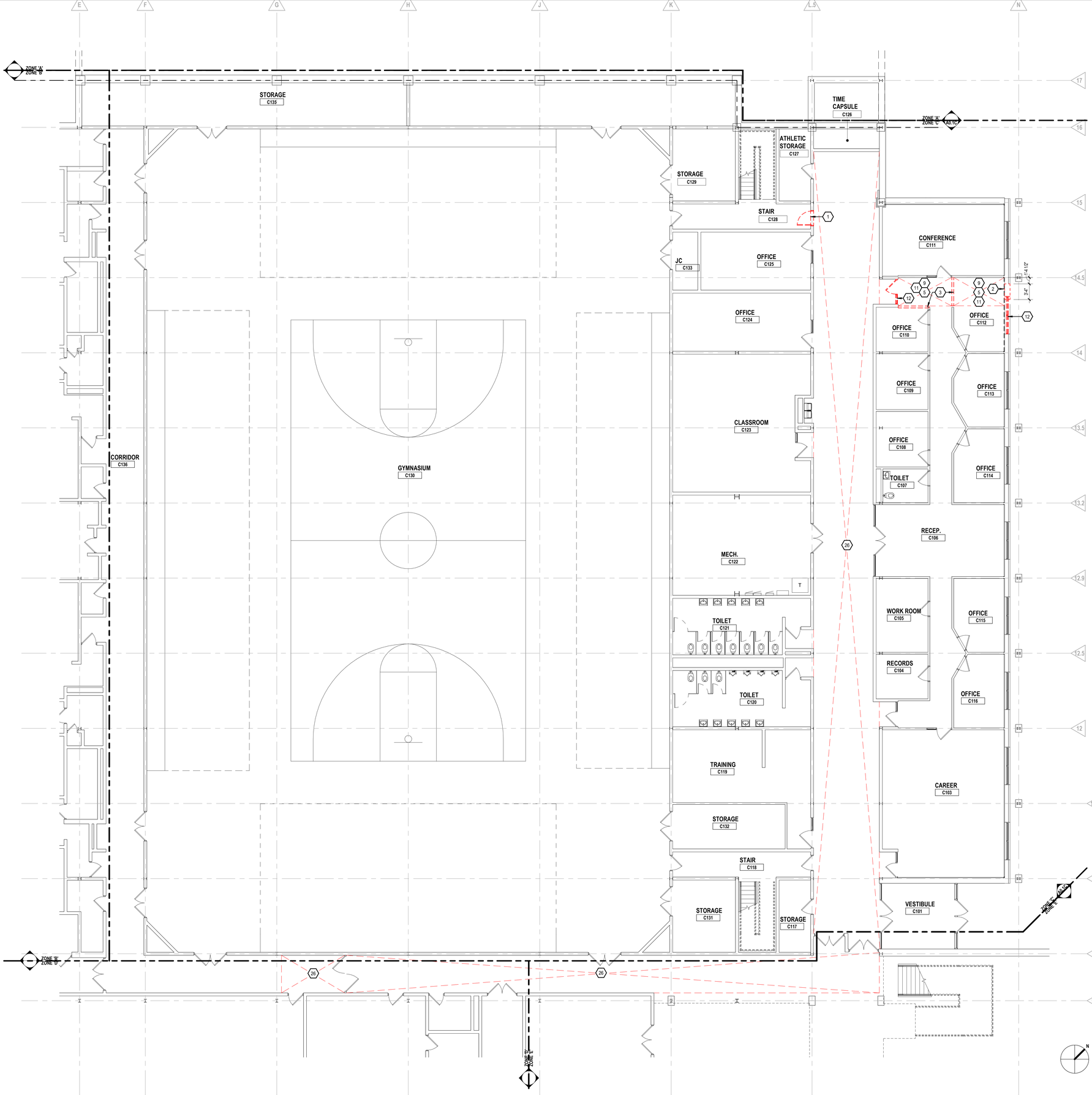
PROJECT NO.

25026D

DRAWING NO.

AD.2

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:00 AM



GENERAL DEMOLITION NOTES

1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED AND ADDITIONAL DEMOLITION AND PATCHING WORK BY MECHANICAL AND ELECTRICAL TRADES.
2. REFER TO ROOF PLANS FOR THE EXTENT OF ROOFING DEMOLITION.
3. SEE CIVIL DRAWINGS FOR SITE DEMOLITION AND PATCHING WORK.
4. SEE EXTERIOR ELEVATIONS FOR ADDITIONAL DEMOLITION AND PATCHING WORK AT EXTERIOR OF BUILDING, INCLUDING (BUT NOT LIMITED TO) DEMOLITION NOTES RELATED TO WINDOW REPLACEMENT.
5. WHERE REMOVAL OF CASEWORK, MILLWORK, CHALKBOARD, TACKBOARD, OR EQUIPMENT, IS INDICATED, FILL HOLES AND PATCH EXISTING WALLS, BASES AND CEILINGS WHICH ARE TO REMAIN EXPOSED.
6. UNLESS OTHERWISE INDICATED, TOOTH NEW MATERIAL INTO EXISTING WHEREVER INFILL REMAINS EXPOSED.
7. SEE SPECIFICATION SECTIONS 017329 FOR ADDITIONAL DEMOLITION AND PATCHING REQUIREMENTS.
8. REFER ALSO TO ARCHITECTURAL WALL SECTIONS FOR ADDITIONAL SELECTIVE DEMOLITION.

DEMOLITION KEYNOTES

1. REMOVE DOOR AND FRAME AND ALL ASSOCIATED ACCESSORIES. PREP OPENING FOR NEW WORK.
2. REMOVE PORTION OF CMU WALL FOR NEW OPENING. SEE FLOOR PLAN/DOOR SCHEDULE FOR MORE INFORMATION.
3. REMOVE PARTIAL METAL STUD WALL.
4. REMOVE CMU WALL IN ITS ENTIRELY. PREP AND PATCH FLOOR AND ADJACENT WALLS FOR INSTALLATION OF NEW.
5. REMOVE ACT CEILING IN ITS ENTIRELY.
6. REMOVE VCT FLOORING AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
9. REMOVE LIGHT FIXTURES IN ENTIRE ROOM - SEE ELECTRICAL FOR FURTHER LIGHT FIXTURE DEMOLITION INFORMATION.
10. REMOVE CANOPY SYSTEM IN IT'S ENTIRETY INCLUDING ALL ASSOCIATED STRUCTURAL FRAMING.
11. REMOVE CARPET AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
12. REMOVE ALUMINUM STOREFRONT SYSTEM AND ALL ASSOCIATED ACCESSORIES. PATCH AND REPAIR ADJACENT FINISHES FOR INSTALLATION OF NEW WORK.
13. REMOVE WALL BASE. PATCH AND REPAIR WALLS AS REQUIRED FOR INSTALLATION OF NEW WORK.
17. REMOVE RUBBER FLOOR AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
19. REMOVE CONCRETE SLAB INCLUDING ALL REINFORCING DOWN TO GRADE.
20. REMOVE CAST STONE BULLNOSE COURSE AND REPLACE W/ NEW UTILITY BRICK TO MATCH EXIST. TO CLEAR NEW ADJACENT EXP. JOINT COVER.
21. REMOVE CAST STONE BULLNOSE COURSE AND REPLACE W/ NEW UTILITY BRICK TO MATCH EXIST. TO CLEAR NEW ADJACENT WALL.
23. REMOVE PORTION OF MASONRY VENEER, ASSOCIATED MEMBRANE, AND INSULATION. PREP REMAINING CMU WALL FOR NEW FINISH.
24. REMOVE AND SALVAGE CURTAIN TRACK, CURTAIN, AND ASSOCIATED STEEL STRUCTURE.
25. REMOVE LINOLEUM FLOORING AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
26. REMOVE AND SALVAGE EXISTING ACT CEILING TILES AND GRIDS. REMOVE AND DISPOSE OF LIGHT FIXTURES - SEE ELECTRICAL FOR FURTHER LIGHT FIXTURE DEMOLITION INFORMATION.
27. REMOVE TRANSLUCENT WALL PANEL. PREP WALL FOR INSTALLATION OF NEW.

SALVAGED ITEMS

- DOORS AND HARDWARE
- CURTAIN TRACK AND CURTAIN - F104 TV STUDIO
- ACT TILES - SEE ROOMS TAGGED WITH NOTE 26

FIRST LEVEL DEMOLITION PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

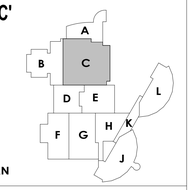
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Demolition Plan - Zone 'C'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
10-17-2025	SCHEMATIC DESIGN

DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

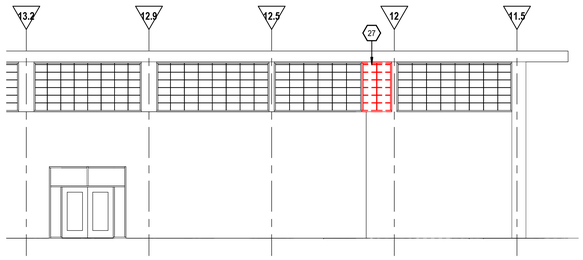
PROJECT NO.

25026D

DRAWING NO.

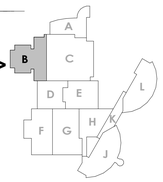
A0.1C

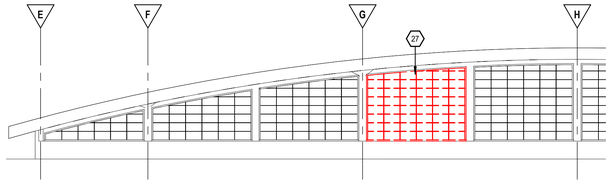
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:02 AM



2 PARTIAL WEST ELEVATION

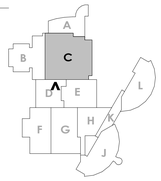
SCALE: 1/8" = 1'-0"

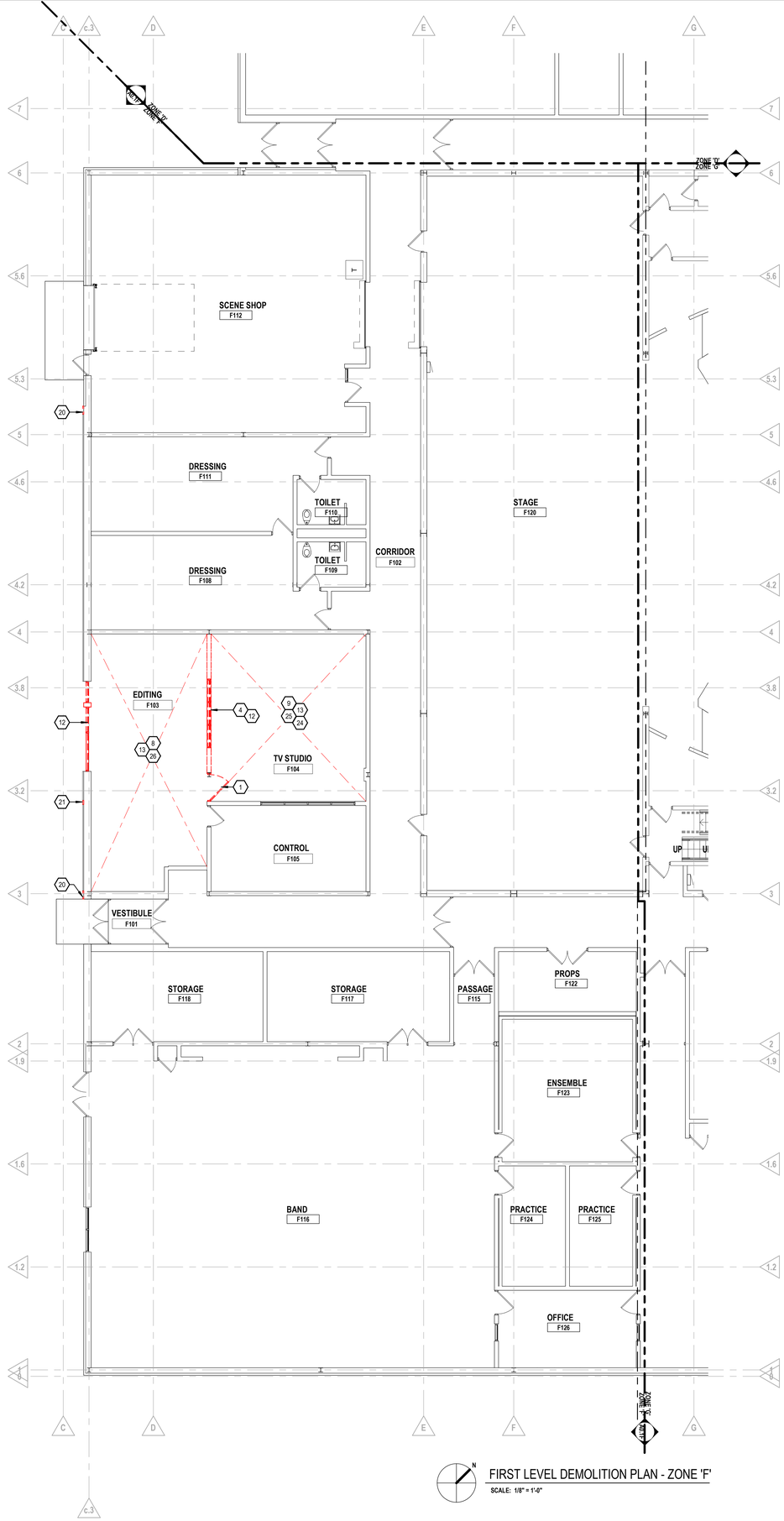




3 PARTIAL SOUTH ELEVATION

SCALE: 1/8" = 1'-0"





FIRST LEVEL DEMOLITION PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED AND ADDITIONAL DEMOLITION AND PATCHING WORK BY MECHANICAL AND ELECTRICAL TRADES.
2. REFER TO ROOF PLANS FOR THE EXTENT OF ROOFING DEMOLITION.
3. SEE CIVIL DRAWINGS FOR SITE DEMOLITION AND PATCHING WORK.
4. SEE EXTERIOR ELEVATIONS FOR ADDITIONAL DEMOLITION AND PATCHING WORK AT EXTERIOR OF BUILDING, INCLUDING (BUT NOT LIMITED TO) DEMOLITION NOTES RELATED TO WINDOW REPLACEMENT.
5. WHERE REMOVAL OF CASEWORK, MILLWORK, CHALKBOARD, TACKBOARD, OR EQUIPMENT, IS INDICATED, FILL HOLES AND PATCH EXISTING WALLS, BASES AND CEILINGS WHICH ARE TO REMAIN EXPOSED.
6. UNLESS OTHERWISE INDICATED, TOOTH NEW MATERIAL INTO EXISTING WHEREVER INFILL REMAINS EXPOSED.
7. SEE SPECIFICATION SECTIONS 017329 FOR ADDITIONAL DEMOLITION AND PATCHING REQUIREMENTS.
8. REFER ALSO TO ARCHITECTURAL WALL SECTIONS FOR ADDITIONAL SELECTIVE DEMOLITION.

DEMOLITION KEYNOTES

1 REMOVE DOOR AND FRAME AND ALL ASSOCIATED ACCESSORIES. PREP OPENING FOR NEW WORK.
2 REMOVE PORTION OF CMU WALL FOR NEW OPENING. SEE FLOOR PLAN/DOOR SCHEDULE FOR MORE INFORMATION.
3 REMOVE PARTIAL METAL STUD WALL.
4 REMOVE CMU WALL IN ITS ENTIRELY. PREP AND PATCH FLOOR AND ADJACENT WALLS FOR INSTALLATION OF NEW.
5 REMOVE ACT CEILING IN ITS ENTIRELY.
8 REMOVE VCT FLOORING AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
9 REMOVE LIGHT FIXTURES IN ENTIRE ROOM - SEE ELECTRICAL FOR FURTHER LIGHT FIXTURE DEMOLITION INFORMATION.
10 REMOVE CANOPY SYSTEM IN IT'S ENTIRETY INCLUDING ALL ASSOCIATED STRUCTURAL FRAMING.
11 REMOVE CARPET AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
12 REMOVE ALUMINUM STOREFRONT SYSTEM AND ALL ASSOCIATED ACCESSORIES. PATCH AND REPAIR ADJACENT FINISHES FOR INSTALLATION OF NEW WORK.
13 REMOVE WALL BASE. PATCH AND REPAIR WALLS AS REQUIRED FOR INSTALLATION OF NEW WORK.
17 REMOVE RUBBER FLOOR AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
19 REMOVE CONCRETE SLAB INCLUDING ALL REINFORCING DOWN TO GRADE.
20 REMOVE CAST STONE BULLNOSE COURSE AND REPLACE W/ NEW UTILITY BRICK TO MATCH EXIST. TO CLEAR NEW ADJACENT EXP. JOINT COVER.
21 REMOVE CAST STONE BULLNOSE COURSE AND REPLACE W/ NEW UTILITY BRICK TO MATCH EXIST. TO CLEAR NEW ADJACENT WALL.
23 REMOVE PORTION OF MASONRY VENEER, ASSOCIATED MEMBRANE, AND INSULATION. PREP REMAINING CMU WALL FOR NEW FINISH.
24 REMOVE AND SALVAGE CURTAIN TRACK, CURTAIN, AND ASSOCIATED STEEL STRUCTURE.
25 REMOVE LINOLEUM FLOORING AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
26 REMOVE AND SALVAGE EXISTING ACT CEILING TILES AND GRIDS. REMOVE AND DISPOSE OF LIGHT FIXTURES - SEE ELECTRICAL FOR FURTHER LIGHT FIXTURE DEMOLITION INFORMATION.
27 REMOVE TRANSLUCENT WALL PANEL. PREP WALL FOR INSTALLATION OF NEW.

SALVAGED ITEMS

- DOORS AND HARDWARE
- CURTAIN TRACK AND CURTAIN - F104 TV STUDIO
- ACT TILES - SEE ROOMS TAGGED WITH NOTE 26

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

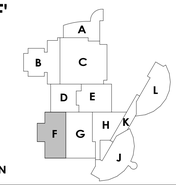
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Demolition Plan - Zone 'F'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
10-17-2025	SCHEMATIC DESIGN

DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

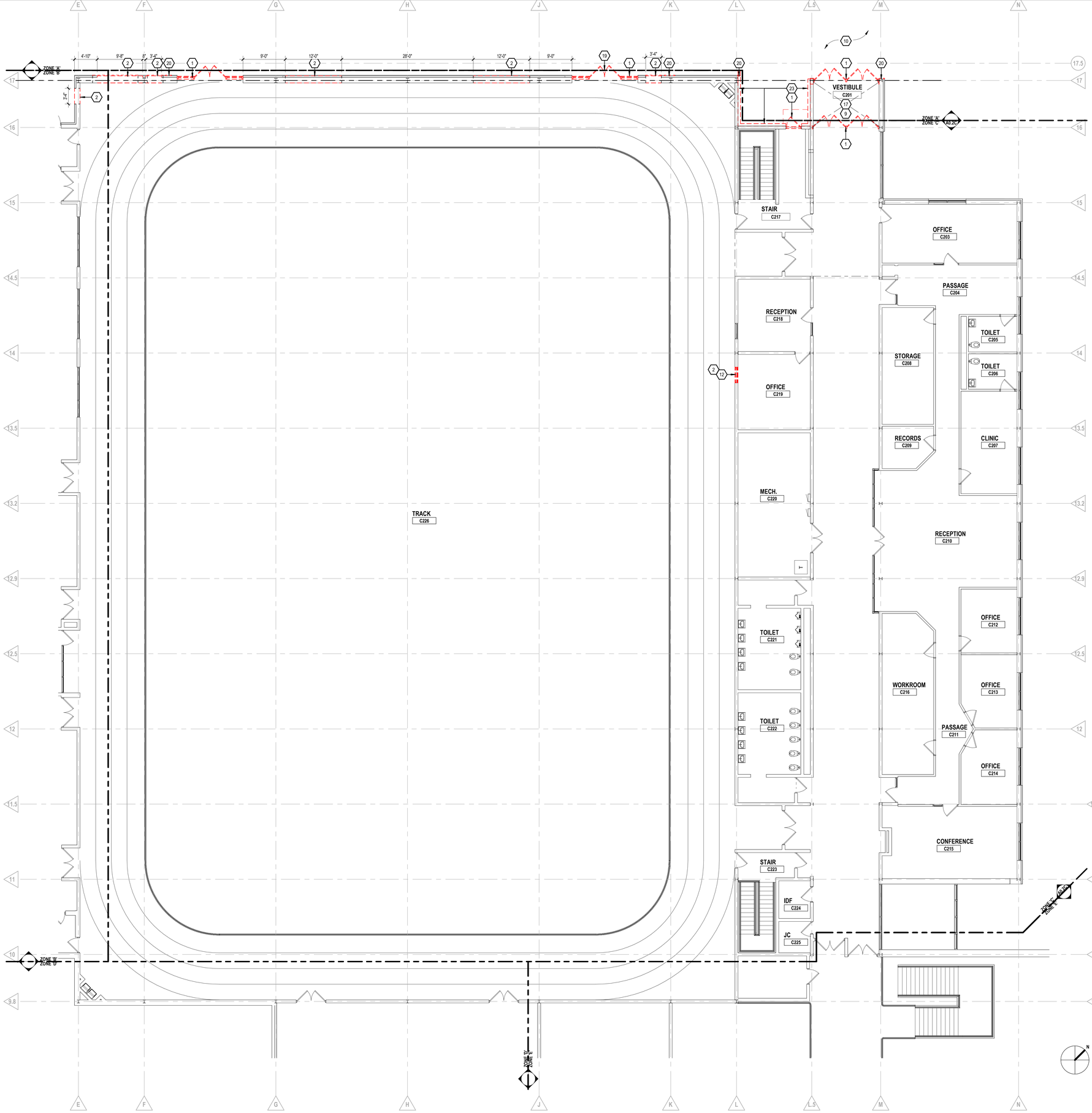
PROJECT NO.

25026D

DRAWING NO.

A0.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:05 AM



SECOND LEVEL DEMOLITION PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED AND ADDITIONAL DEMOLITION AND PATCHING WORK BY MECHANICAL AND ELECTRICAL TRADES.
2. REFER TO ROOF PLANS FOR THE EXTENT OF ROOFING DEMOLITION.
3. SEE CIVIL DRAWINGS FOR SITE DEMOLITION AND PATCHING WORK.
4. SEE EXTERIOR ELEVATIONS FOR ADDITIONAL DEMOLITION AND PATCHING WORK AT EXTERIOR OF BUILDING, INCLUDING (BUT NOT LIMITED TO) DEMOLITION NOTES RELATED TO WINDOW REPLACEMENT.
5. WHERE REMOVAL OF CASEWORK, MILLWORK, CHALKBOARD, TACKBOARD, OR EQUIPMENT, IS INDICATED, FILL HOLES AND PATCH EXISTING WALLS, BASES AND CEILINGS WHICH ARE TO REMAIN EXPOSED.
6. UNLESS OTHERWISE INDICATED, TOOTH NEW MATERIAL INTO EXISTING WHEREVER INFILL REMAINS EXPOSED.
7. SEE SPECIFICATION SECTIONS 017329 FOR ADDITIONAL DEMOLITION AND PATCHING REQUIREMENTS.
8. REFER ALSO TO ARCHITECTURAL WALL SECTIONS FOR ADDITIONAL SELECTIVE DEMOLITION.

DEMOLITION KEYNOTES

1 REMOVE DOOR AND FRAME AND ALL ASSOCIATED ACCESSORIES. PREP OPENING FOR NEW WORK.
2 REMOVE PORTION OF CMU WALL FOR NEW OPENING. SEE FLOOR PLAN/DOOR SCHEDULE FOR MORE INFORMATION.
3 REMOVE PARTIAL METAL STUD WALL.
4 REMOVE CMU WALL IN ITS ENTIRELY. PREP AND PATCH FLOOR AND ADJACENT WALLS FOR INSTALLATION OF NEW.
5 REMOVE ACT CEILING IN ITS ENTIRELY.
6 REMOVE VCT FLOORING AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
9 REMOVE LIGHT FIXTURES IN ENTIRE ROOM - SEE ELECTRICAL FOR FURTHER LIGHT FIXTURE DEMOLITION INFORMATION.
10 REMOVE CANOPY SYSTEM IN IT'S ENTIRETY INCLUDING ALL ASSOCIATED STRUCTURAL FRAMING.
11 REMOVE CARPET AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
12 REMOVE ALUMINUM STOREFRONT SYSTEM AND ALL ASSOCIATED ACCESSORIES. PATCH AND REPAIR ADJACENT FINISHES FOR INSTALLATION OF NEW WORK.
13 REMOVE WALL BASE. PATCH AND REPAIR WALLS AS REQUIRED FOR INSTALLATION OF NEW WORK.
17 REMOVE RUBBER FLOOR AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
19 REMOVE CONCRETE SLAB INCLUDING ALL REINFORCING DOWN TO GRADE.
20 REMOVE CAST STONE BULLNOSE COURSE AND REPLACE W/ NEW UTILITY BRICK TO MATCH EXIST. TO CLEAR NEW ADJACENT EXP. JOINT COVER.
21 REMOVE CAST STONE BULLNOSE COURSE AND REPLACE W/ NEW UTILITY BRICK TO MATCH EXIST. TO CLEAR NEW ADJACENT WALL.
23 REMOVE PORTION OF MASONRY VENEER, ASSOCIATED MEMBRANE, AND INSULATION. PREP REMAINING CMU WALL FOR NEW FINISH.
24 REMOVE AND SALVAGE CURTAIN TRACK, CURTAIN, AND ASSOCIATED STEEL STRUCTURE.
25 REMOVE LINOLEUM FLOORING AND EXISTING WALL BASE. PATCH AND REPAIR SUBFLOOR AND WALLS AS REQUIRED FOR INSTALLATION OF NEW FLOORING.
26 REMOVE AND SALVAGE EXISTING ACT CEILING TILES AND GRIDS. REMOVE AND DISPOSE OF LIGHT FIXTURES - SEE ELECTRICAL FOR FURTHER LIGHT FIXTURE DEMOLITION INFORMATION.
27 REMOVE TRANSLUCENT WALL PANEL. PREP WALL FOR INSTALLATION OF NEW.

SALVAGED ITEMS

- DOORS AND HARDWARE
- CURTAIN TRACK AND CURTAIN - F104 TV STUDIO
- ACT TILES - SEE ROOMS TAGGED WITH NOTE 26

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

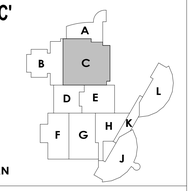
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Demolition Plan - Zone 'C'

KEY PLAN



ISSUE DATES

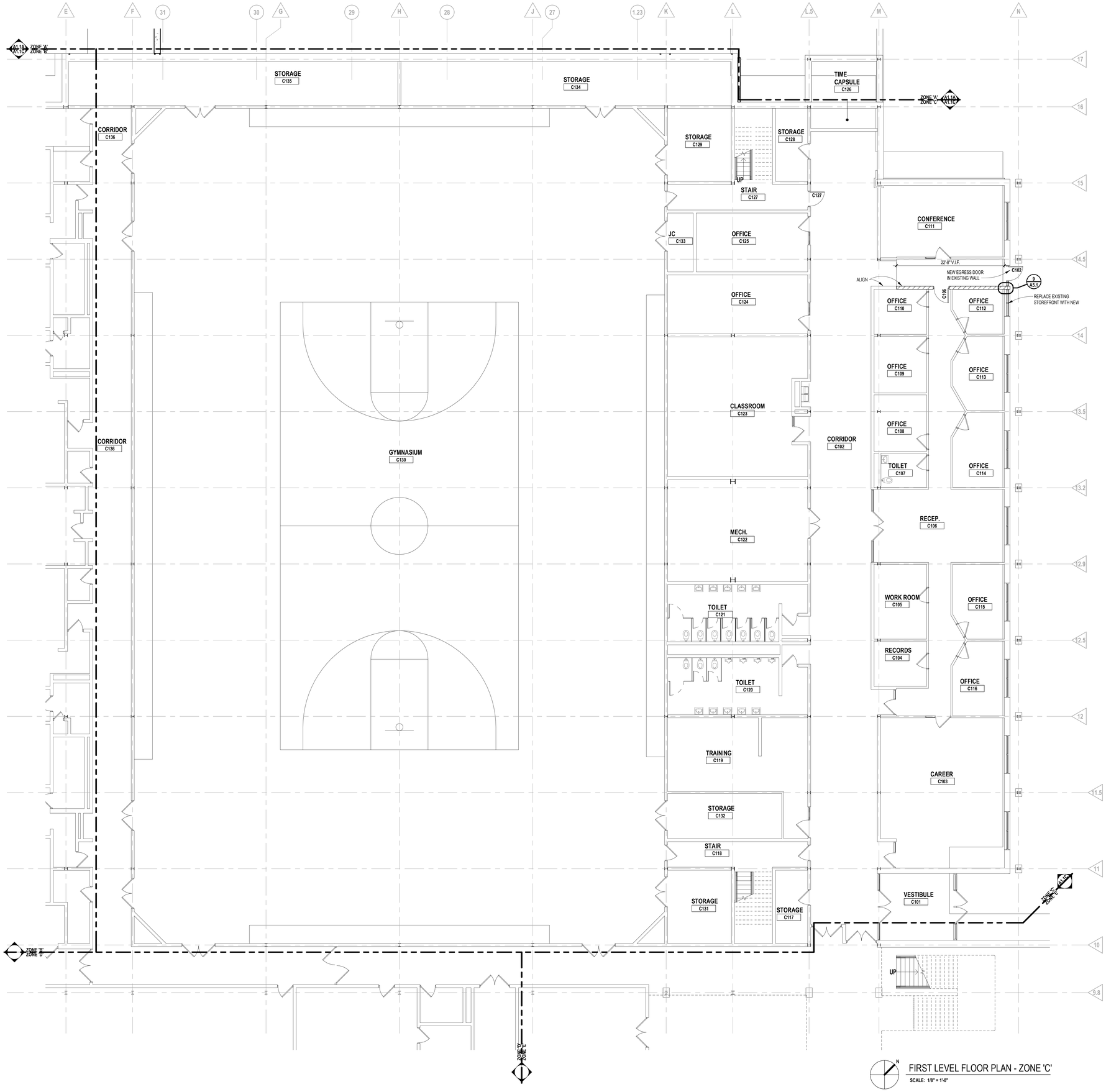
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
10-17-2025	SCHEMATIC DESIGN

DATE:	ISSUED FOR:
DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

PROJECT NO.
25026D

DRAWING NO.
A0.2C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:08 AM



FIRST LEVEL FLOOR PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

WALL / PARTITION KEY

- EXISTING WALL CONSTRUCTION
- METAL STUD PARTITION
- CONCRETE MASONRY UNIT WALL w/ HORIZONTAL REINFORCEMENT AT 16" OC
- CAST-IN-PLACE CONCRETE WALL (REFER TO STRUCTURAL FOR REINFORCING REQUIREMENTS)

WALL / PARTITION LEGEND

- 1B 1 5/8" METAL STUDS AT 16" O.C. (MAX.) WITH 3/4" PAINTED PLYWOOD ONE SIDE. HEIGHT: FROM FLOOR TO 4" ABOVE CEILING. BRACE TO ADJACENT WALL AS REQUIRED. TYPICAL AT COLUMN ENCLOSURES
- 1D 6" METAL STUDS AT 16" O.C. (MAX.) WITH 5/8" GYPSUM BOARD ONE SIDE. HEIGHT: FROM FLOOR TO 4" ABOVE CEILING. BRACE TO ADJACENT WALL AS REQUIRED
- 1F 2 1/2" METAL STUDS AT 16" O.C. (MAX.) WITH 5/8" GYPSUM BOARD ONE SIDE. HEIGHT: FROM FLOOR TO STRUCTURE ABOVE.
- 1G 3 5/8" METAL STUDS @ 16" OC (MAX) W/ 5/8" GYP BOARD ONE SIDE TO STRUCTURE ABOVE
- 4C 8" CMU TO ONE FULL COURSE ABOVE CEILING
- 4E 4" CMU TO STRUCTURE ABOVE
- 4G 8" CMU TO STRUCTURE ABOVE
- 5C 8" CMU TO STRUCTURE ABOVE, 1 HOUR RATED, UL DESIGN NO. U905
- 5F 8" CMU TO STRUCTURE ABOVE, 1 HOUR RATED, UL DESIGN NO. U905
- 6C 8" CMU TO STRUCTURE ABOVE, 2 HOUR RATED, UL DESIGN NO. U905
- 4C 8" CMU TO ONE FULL COURSE ABOVE CEILING

NOTES:

1. COORDINATE WITH THE REFLECTED CEILING PLANS FOR RATED WALLS, WALLS WHICH EXTEND UP TO THE STRUCTURE ABOVE AND WALLS WHICH EXTEND ONLY A MINIMUM OF 4" ABOVE THE ADJACENT HIGHEST CEILING. DIMENSIONS OF WALLS ARE SHOWN ACTUAL U.N.O. IN PLAN FOR DETERMINING THE CMU THICKNESS. REFER TO BUILDING SECTIONS, WALL SECTIONS AND INTERIOR ELEVATIONS FOR BANDING OF SPECIAL CMU TYPES OR ANY OTHER SPECIAL CONDITIONS. PARTIAL HEIGHT CMU WALLS WILL BE NOTED AS SUCH ON THE FLOOR PLANS.
2. REFER TO MASONRY SPECIFICATION FOR VERTICAL REINFORCEMENT AND WALL BRACING NOT INDICATED ON DRAWINGS.
3. AT FIRE-RATED AND SMOKE-RESISTING WALLS (MASONRY OR GYPSUM BOARD), PROVIDE U.L. APPROVED, FIRE-RATED, HEAD-OF-WALL TERMINATIONS AS INDICATED. IF NOT INDICATED, PROVIDE "BASIS OF DESIGN", HEAD-OF-WALL FIRESTOP JOINT SYSTEM AS INDICATED IN SPECIFICATION SECTION 078446 (OR 2 HOUR AS APPROPRIATE). PROVIDE MINIMUM 1 HOUR TERMINATION AT SMOKE-RESISTING WALLS.
4. ALL CMU IS 8" THCK (ACTUAL= 7 5/8") UNLESS DIMENSIONED OTHERWISE.
5. PROVIDE BULLNOSE CMU UNITS AT ALL OUTSIDE COURNERS WHEN CORNERS ARE EXPOSED IN FINAL CONSTRUCTION. DO NOT BULLNOSE CORNERS WHEN ABUTTING CONSTRUCTION (i.e. GYPSUM BOARD) IS INTENDED TO BE FLUSH WITH CMU.
6. ALL GYPSUM WALLS TO RECEIVE ABUSE RESISTANT GYPSUM BOARD BELOW 4'-0" AFF, TYPICAL.
7. WHERE FINISH PLANS (A10 SERIES DRAWINGS) CALL FOR WALL TILE, PROVIDE CEMENT BOARD SUBSTRATE IN LIEU OF GYPSUM BOARD.
8. ALL DOORS LOCATED 4" FROM JAMB TO ADJACENT WALL UNLESS OTHERWISE INDICATED.

GENERAL NOTES

1. COORDINATE SIZE AND LOCATION OF ALL CONCRETE HOUSEKEEPING PADS AND / OR EQUIPMENT SUPPORTS WITH APPROPRIATE EQUIPMENT MANUFACTURER.
2. COORDINATE SIZE AND LOCATION OF ALL ACCESS PANELS WITH TRADE REQUIRING THE SAME. ACCESS PANELS ARE SPECIFIED ARCHITECTURALLY BUT ARE REQUIRED TO BE PROVIDED BY EACH TRADE. ALL LOCATIONS MUST BE COORDINATED AND APPROVED BY THE ARCHITECT'S FIELD REPRESENTATIVE.
3. CONTRACTORS SHALL VERIFY ALL EXISTING BUILDING DIMENSIONS, PARTITION AND WALL LOCATIONS, AND FLOOR ELEVATIONS IN THE FIELD AND NOTIFY THE ARCHITECTS REPRESENTATIVE OF ANY DISCREPANCIES BEFORE START OF WORK.
4. FLOOR PLANS ARE DIMENSIONED TO ACTUAL WALL THICKNESS - TYPICAL.
5. DIMENSIONS FOLLOWED BY ± SHOULD BE REVIEWED AND ALL NECESSARY ADJUSTMENTS MADE PRIOR TO FABRICATION AND / OR INSTALLATION OF AFFECTED WORK. NOTIFY ARCHITECTS REPRESENTATIVE IF DISCREPANCIES ARISE BEFORE PROCEEDING WITH THE WORK.
6. INSTALL CONTROL JOINTS IN GYPSUM BOARD AND METAL STUD-FRAMED PARTITIONS, WALLS, CEILINGS, BULKHEADS, FASCIAE AND SOFFITS IN COMPLIANCE WITH SPECIFICATIONS, AND WITH GENERAL REQUIREMENTS OF ASTM C840. PRIOR TO COMMENCEMENT OF FRAMING INSTALLATION SUBMIT COORDINATION DRAWINGS INDICATING PROPOSED LOCATIONS OF ALL CONTROL JOINTS, AS SPECIFIED.
7. PROVIDE CONTROL JOINTS WHERE INTERIOR CMU (ON SLAB) ABUTS EXTERIOR / INTERIOR MASONRY (ON FOUNDATIONS OR FOOTINGS).
8. VERIFY QUANTITY, SIZE, AND LOCATION OF ALL FLOOR, ROOF, AND WALL OPENINGS FOR MECHANICAL AND ELECTRICAL WORK WITH THE APPROPRIATE TRADE. PROVIDE ALL OPENINGS SHOWN OR REQUIRED FOR THE COMPLETION OF THE WORK. PROVIDE ALL LINTELS REQUIRED FOR THESE OPENINGS PER SPECIFICATIONS.
9. REFER TO LIFE SAFETY PLANS FOR LOCATIONS OF REQUIRED FIRE RESISTANCE RATINGS. BECAUSE OF THE DRAWING SCALE OF THE LIFE SAFETY PLANS, COORDINATE THE REQUIRED FIRE RESISTANCE RATINGS WITH THOSE SHOWN ON THE REFLECTED CEILING PLANS.
10. REFER TO REFLECTED CEILING PLANS FOR EXTENSION OF PARTITION WALLS TO FLOOR OR ROOF CONSTRUCTION ABOVE AND WALL FIRE RESISTANCE RATING REQUIREMENTS.
11. REFER TO STRUCTURAL DRAWINGS FOR ALL WIND FRAME LOCATIONS AT INTERIOR AND EXTERIOR WALLS.
12. REFER TO A10 SERIES DRAWINGS FOR FLOOR FINISH PATTERNS AND ROOM FINISHES.
13. REFER TO STRUCTURAL DRAWINGS FOR ORIENTATION AND SIZES OF ALL STRUCTURAL COLUMNS.
14. REFER TO DRAWING A8_ FOR TYPICAL DETAILS PERTAINING TO WALL TERMINATIONS AT STRUCTURE ABOVE AND MASONRY CONTROL JOINT DETAILS.
15. VERIFY ALL DIMENSIONS IN FIELD.
16. PROVIDE WOOD BLOCKING WITHIN STUD WALLS FOR WALL MOUNTED ITEMS i.e. GRAB BARS, TOWEL DISPENSERS, PENCIL SHARPENERS, WALL STOPS, ACCORDIAN PARTITION JAMBS, ETC. REFER ALSO TO A9_ SERIES AND A6_ SERIES DRAWINGS.
17. REFER TO EXTERIOR ELEVATIONS AND PLAN DETAILS FOR LOCATIONS OF CONTROL JOINTS IN EXTERIOR WALLS.
18. ALL EXPOSED EXISTING STRUCTURAL STEEL COLUMNS TO BE PAINTED WITH INTUMESCENT PAINT TO MAINTAIN FIRE RATING.

PATCHING NOTES

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
2. FOR ALL FLOOR SURFACES RECEIVING NEW FLOOR FINISHES, PREPARE SUBSTRATE BY PROVIDING LEVELING AND PATCHING COMPOUNDS RECOMMENDED BY FINISH FLOORING MANUFACTURERS. CONTRACTOR'S BASE BID PROPOSAL SHALL ASSUME THAT ALL AREAS, INDICATED TO RECEIVE NEW FINISHES, WILL REQUIRE FLOOR PREPERATION.
3. PATCH AND REPAIR ALL FLOOR AND WALL SURFACES LEFT DAMAGED OR INCOMPLETE FROM REMOVAL OF EXISTING PARTITIONS, MILLWORK, CASEWORK, CHALKBOARDS, TACKBOARDS, DISPLAY CASES OR OTHER FIXED EQUIPMENT WITH MATERIALS TO MATCH EXISTING, AS ACCEPTABLE TO THE ARCHITECT.
4. MATCH EXISTING MASONRY COURSING ADJACENT IN EACH AREA AND TOOTH NEW WORK INTO EXISTING, UNLESS OTHERWISE INDICATED.
5. AT EXISTING FLOOR FINISHES TO REMAIN, THAT BECOME SUBSTRATES FOR NEW FLOOR FINISHES, PATCH AND FILL EXISTING AS REQUIRED TO PREPARE FOR NEW FLOOR FINISH UNTIL ACCEPTABLE TO NEW FLOOR FINISH CONTRACTOR.
6. TOOTH-IN MASONRY INTO EXISTING, U.O.N., INCLUDING JAMBS OF DOORS AND OTHER OPENINGS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

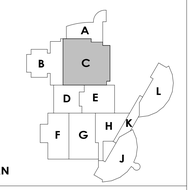
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Floor Plan - Zone 'C'

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
11-24-2025	SCHEMATIC DESIGN REVISIONS
10-17-2025	SCHEMATIC DESIGN

DATE:	ISSUED FOR:
DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

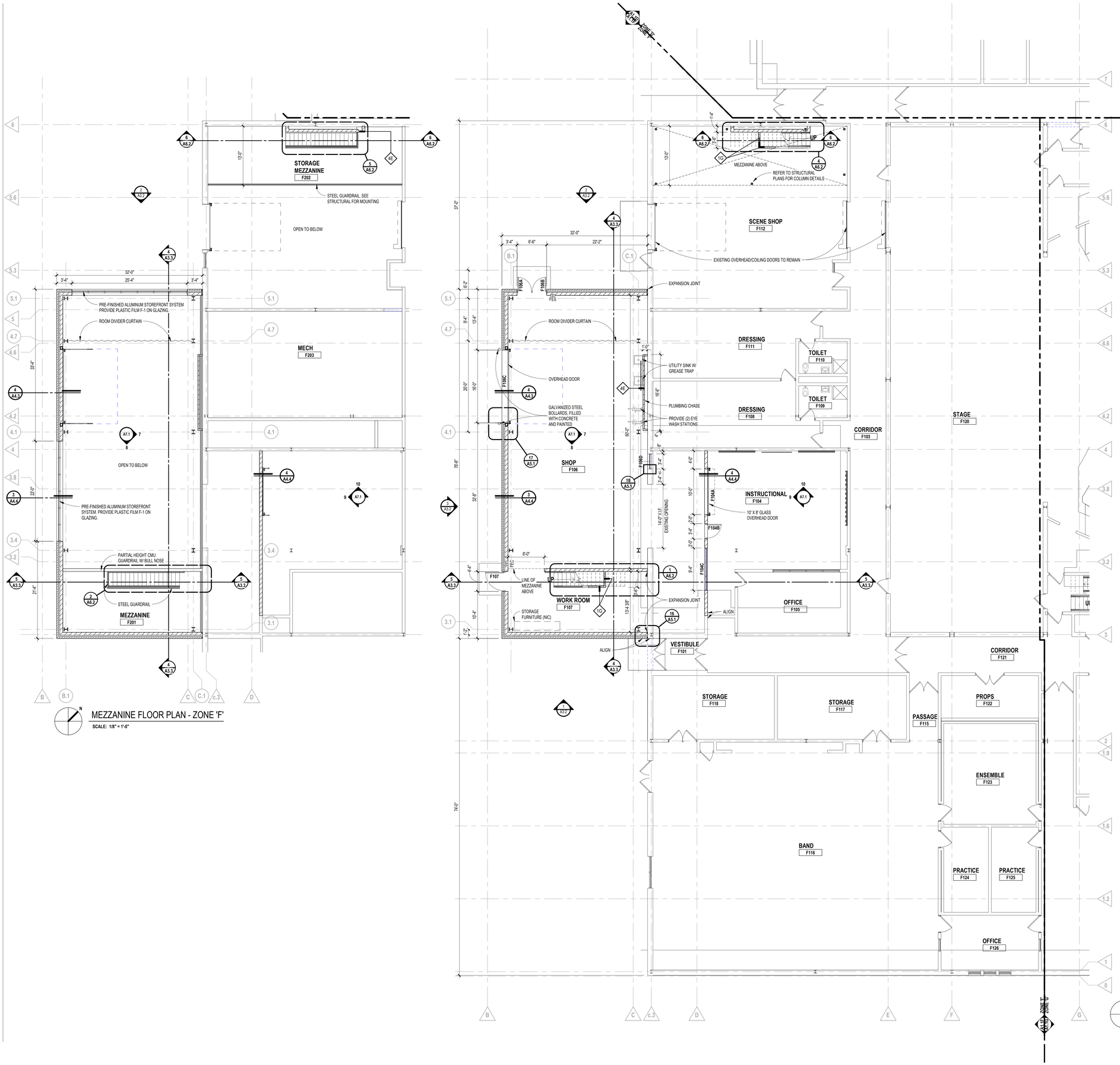
PROJECT NO.

25026D

DRAWING NO.

A1.1C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:10 AM



MEZZANINE FLOOR PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

FIRST LEVEL FLOOR PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

WALL / PARTITION KEY

- EXISTING WALL CONSTRUCTION
- METAL STUD PARTITION
- CONCRETE MASONRY UNIT WALL w/ HORIZONTAL REINFORCEMENT AT 16" OC
- CAST-IN-PLACE CONCRETE WALL (REFER TO STRUCTURAL FOR REINFORCING REQUIREMENTS)

WALL / PARTITION LEGEND

- 1B 1 5/8" METAL STUDS AT 16" O.C. (MAX.) WITH 3/4" PAINTED PLYWOOD ONE SIDE. HEIGHT: FROM FLOOR TO 4" ABOVE CEILING. BRACE TO ADJACENT WALL AS REQUIRED. TYPICAL AT COLUMN ENCLOSURES
- 1D 6" METAL STUDS AT 16" O.C. (MAX.) WITH 5/8" GYPSUM BOARD ONE SIDE. HEIGHT: FROM FLOOR TO 4" ABOVE CEILING. BRACE TO ADJACENT WALL AS REQUIRED
- 1F 2 1/2" METAL STUDS AT 16" O.C. (MAX.) WITH 5/8" GYPSUM BOARD ONE SIDE. HEIGHT: FROM FLOOR TO STRUCTURE ABOVE.
- 1G 3 5/8" METAL STUDS @ 16" OC (MAX) W/ 5/8" GYP BOARD ONE SIDE TO STRUCTURE ABOVE
- 4C 8" CMU TO ONE FULL COURSE ABOVE CEILING
- 4E 4" CMU TO STRUCTURE ABOVE
- 4G 8" CMU TO STRUCTURE ABOVE
- 5C 8" CMU TO STRUCTURE ABOVE, 1 HOUR RATED, UL DESIGN NO. U905
- 5F 8" CMU TO STRUCTURE ABOVE, 1 HOUR RATED, UL DESIGN NO. U905
- 6C 8" CMU TO STRUCTURE ABOVE, 2 HOUR RATED, UL DESIGN NO. U905
- 4C 8" CMU TO ONE FULL COURSE ABOVE CEILING

NOTES:

1. COORDINATE WITH THE REFLECTED CEILING PLANS FOR RATED WALLS, WALLS WHICH EXTEND UP TO THE STRUCTURE ABOVE AND WALLS WHICH EXTEND ONLY A MINIMUM OF 4" ABOVE THE ADJACENT HIGHEST CEILING. DIMENSIONS OF WALLS ARE SHOWN ACTUAL U.N.O. IN PLAN FOR DETERMINING THE CMU THICKNESS. REFER TO BUILDING SECTIONS, WALL SECTIONS AND INTERIOR ELEVATIONS FOR BANDING OF SPECIAL CMU TYPES OR ANY OTHER SPECIAL CONDITIONS. PARTIAL HEIGHT CMU WALLS WILL BE NOTED AS SUCH ON THE FLOOR PLANS.
2. REFER TO MASONRY SPECIFICATION FOR VERTICAL REINFORCEMENT AND WALL BRACING NOT INDICATED ON DRAWINGS.
3. AT FIRE-RATED AND SMOKE-RESISTING WALLS (MASONRY OR GYPSUM BOARD), PROVIDE U.L. APPROVED, FIRE-RATED, HEAD-OF-WALL TERMINATIONS AS INDICATED. IF NOT INDICATED, PROVIDE "BASIS OF DESIGN", HEAD-OF-WALL FIRESTOP JOINT SYSTEM AS INDICATED IN SPECIFICATION SECTION 078446 (1 OR 2 HOUR AS APPROPRIATE). PROVIDE MINIMUM 1 HOUR TERMINATION AT SMOKE-RESISTING WALLS.
4. ALL CMU IS 8" THICK (ACTUAL= 7 5/8") UNLESS DIMENSIONED OTHERWISE.
5. PROVIDE BULLNOSE CMU UNITS AT ALL OUTSIDE COURNERS WHEN CORNERS ARE EXPOSED IN FINAL CONSTRUCTION. DO NOT BULLNOSE CORNERS WHEN ABUTTING CONSTRUCTION (i.e. GYPSUM BOARD) IS INTENDED TO BE FLUSH WITH CMU.
6. ALL GYPSUM WALLS TO RECEIVE ABUSE RESISTANT GYPSUM BOARD BELOW 4'-0" AFF, TYPICAL.
7. WHERE FINISH PLANS (A10 SERIES DRAWINGS) CALL FOR WALL TILE, PROVIDE CEMENT BOARD SUBSTRATE IN LIEU OF GYPSUM BOARD.
8. ALL DOORS LOCATED 4" FROM JAMB TO ADJACENT WALL UNLESS OTHERWISE INDICATED.

GENERAL NOTES

1. COORDINATE SIZE AND LOCATION OF ALL CONCRETE HOUSEKEEPING PADS AND / OR EQUIPMENT SUPPORTS WITH APPROPRIATE EQUIPMENT MANUFACTURER.
2. COORDINATE SIZE AND LOCATION OF ALL ACCESS PANELS WITH TRADE REQUIRING THE SAME. ACCESS PANELS ARE SPECIFIED ARCHITECTURALLY BUT ARE REQUIRED TO BE PROVIDED BY EACH TRADE. ALL LOCATIONS MUST BE COORDINATED AND APPROVED BY THE ARCHITECT'S FIELD REPRESENTATIVE.
3. CONTRACTORS SHALL VERIFY ALL EXISTING BUILDING DIMENSIONS, PARTITION AND WALL LOCATIONS, AND FLOOR ELEVATIONS IN THE FIELD AND NOTIFY THE ARCHITECTS REPRESENTATIVE OF ANY DISCREPANCIES BEFORE START OF WORK.
4. FLOOR PLANS ARE DIMENSIONED TO ACTUAL WALL THICKNESS - TYPICAL.
5. DIMENSIONS FOLLOWED BY ± SHOULD BE REVIEWED AND ALL NECESSARY ADJUSTMENTS MADE PRIOR TO FABRICATION AND / OR INSTALLATION OF AFFECTED WORK. NOTIFY ARCHITECTS REPRESENTATIVE IF DISCREPANCIES ARISE BEFORE PROCEEDING WITH THE WORK.
6. INSTALL CONTROL JOINTS IN GYPSUM BOARD AND METAL STUD-FRAMED PARTITIONS, WALLS, CEILINGS, BULKHEADS, FASCIAE AND SOFFITS IN COMPLIANCE WITH SPECIFICATIONS, AND WITH GENERAL REQUIREMENTS OF ASTM C840. PRIOR TO COMMENCEMENT OF FRAMING INSTALLATION SUBMIT COORDINATION DRAWINGS INDICATING PROPOSED LOCATIONS OF ALL CONTROL JOINTS, AS SPECIFIED.
7. PROVIDE CONTROL JOINTS WHERE INTERIOR CMU (ON SLAB) ABUTS EXTERIOR / INTERIOR MASONRY (ON FOUNDATIONS OR FOOTINGS).
8. VERIFY QUANTITY, SIZE, AND LOCATION OF ALL FLOOR, ROOF, AND WALL OPENINGS FOR MECHANICAL AND ELECTRICAL WORK WITH THE APPROPRIATE TRADE. PROVIDE ALL OPENINGS SHOWN OR REQUIRED FOR THE COMPLETION OF THE WORK. PROVIDE ALL LINTELS REQUIRED FOR THESE OPENINGS PER SPECIFICATIONS.
9. REFER TO LIFE SAFETY PLANS FOR LOCATIONS OF REQUIRED FIRE RESISTANCE RATINGS. BECAUSE OF THE DRAWING SCALE OF THE LIFE SAFETY PLANS, COORDINATE THE REQUIRED FIRE RESISTANCE RATINGS WITH THOSE SHOWN ON THE REFLECTED CEILING PLANS.
10. REFER TO REFLECTED CEILING PLANS FOR EXTENSION OF PARTITION WALLS TO FLOOR OR ROOF CONSTRUCTION ABOVE AND WALL FIRE RESISTANCE RATING REQUIREMENTS.
11. REFER TO STRUCTURAL DRAWINGS FOR ALL WIND FRAME LOCATIONS AT INTERIOR AND EXTERIOR WALLS.
12. REFER TO A10 SERIES DRAWINGS FOR FLOOR FINISH PATTERNS AND ROOM FINISHES.
13. REFER TO STRUCTURAL DRAWINGS FOR ORIENTATION AND SIZES OF ALL STRUCTURAL COLUMNS.
14. REFER TO DRAWING A8._ FOR TYPICAL DETAILS PERTAINING TO WALL TERMINATIONS AT STRUCTURE ABOVE AND MASONRY CONTROL JOINT DETAILS.
15. VERIFY ALL DIMENSIONS IN FIELD.
16. PROVIDE WOOD BLOCKING WITHIN STUD WALLS FOR WALL MOUNTED ITEMS i.e. GRAB BARS, TOWEL DISPENSERS, PENCIL SHARPENERS, WALL STOPS, ACCORDIAN PARTITION JAMBS, ETC. REFER ALSO TO A9._ SERIES AND A8._ SERIES DRAWINGS.
17. REFER TO EXTERIOR ELEVATIONS AND PLAN DETAILS FOR LOCATIONS OF CONTROL JOINTS IN EXTERIOR WALLS.
18. ALL EXPOSED EXISTING STRUCTURAL STEEL COLUMNS TO BE PAINTED WITH INTUMESCENT PAINT TO MAINTAIN FIRE RATING.

PATCHING NOTES

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
2. FOR ALL FLOOR SURFACES RECEIVING NEW FLOOR FINISHES, PREPARE SUBSTRATE BY PROVIDING LEVELING AND PATCHING COMPOUNDS RECOMMENDED BY FINISH FLOORING MANUFACTURERS. CONTRACTOR'S BASE BID PROPOSAL SHALL ASSUME THAT ALL AREAS, INDICATED TO RECEIVE NEW FINISHES, WILL REQUIRE FLOOR PREPERATION.
3. PATCH AND REPAIR ALL FLOOR AND WALL SURFACES LEFT DAMAGED OR INCOMPLETE FROM REMOVAL OF EXISTING PARTITIONS, MILLWORK, CASEWORK, CHALKBOARDS, TACKBOARDS, DISPLAY CASES OR OTHER FIXED EQUIPMENT WITH MATERIALS TO MATCH EXISTING, AS ACCEPTABLE TO THE ARCHITECT.
4. MATCH EXISTING MASONRY COURSING ADJACENT IN EACH AREA AND TOOTH NEW WORK INTO EXISTING, UNLESS OTHERWISE INDICATED.
5. AT EXISTING FLOOR FINISHES TO REMAIN, THAT BECOME SUBSTRATES FOR NEW FLOOR FINISHES, PATCH AND FILL EXISTING AS REQUIRED TO PREPARE FOR NEW FLOOR FINISH UNTIL ACCEPTABLE TO NEW FLOOR FINISH CONTRACTOR.
6. TOOTH-IN MASONRY INTO EXISTING, U.O.N., INCLUDING JAMBS OF DOORS AND OTHER OPENINGS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

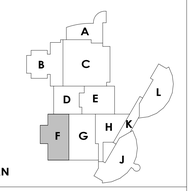
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Floor Plan - Zone 'F'

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
11-24-2025	SCHEMATIC DESIGN REVISIONS
10-17-2025	SCHEMATIC DESIGN

DATE:	ISSUED FOR:
DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

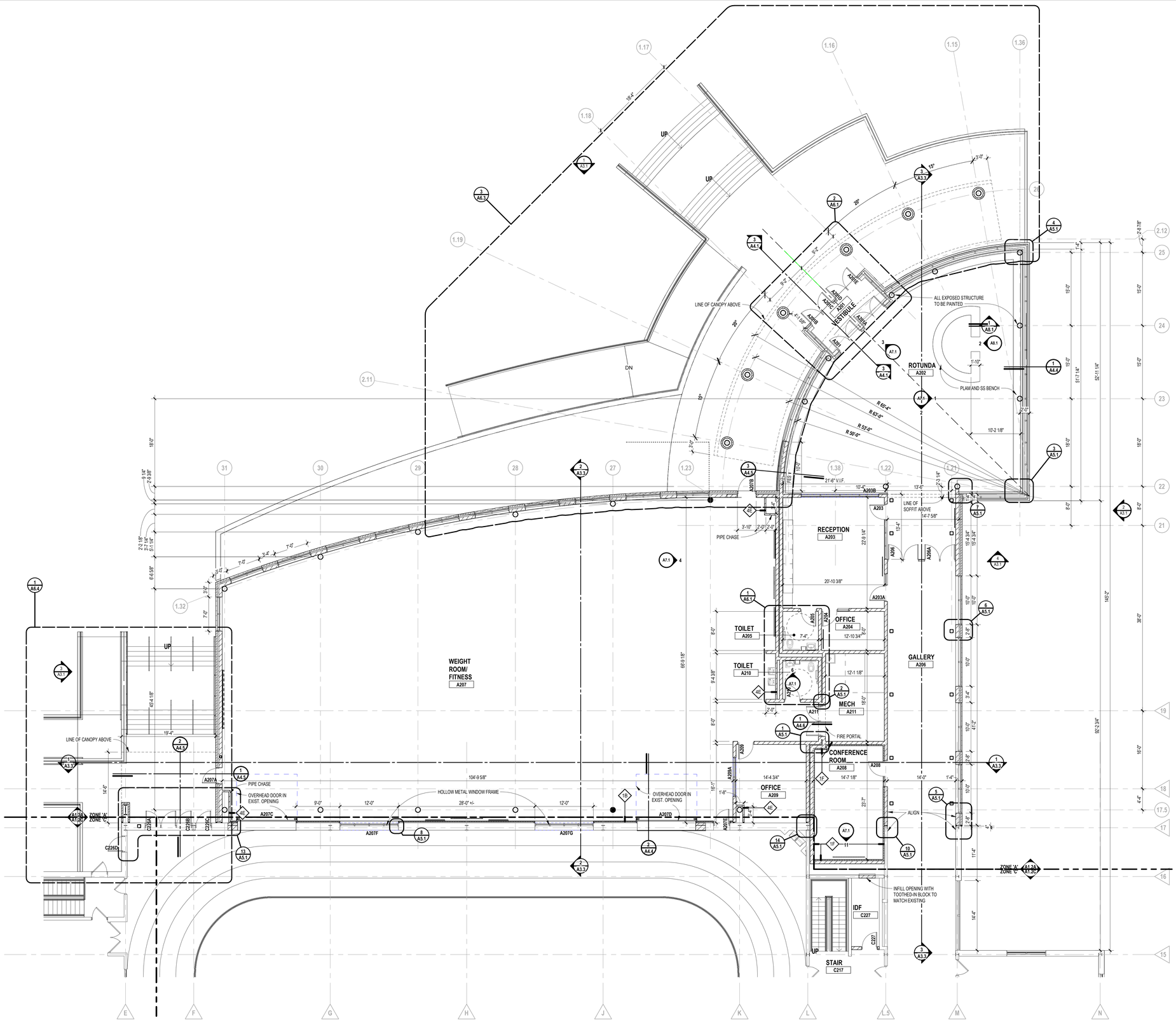
PROJECT NO.

25026D

DRAWING NO.

A1.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:13 AM



SECOND FLOOR PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

WALL / PARTITION KEY

- EXISTING WALL CONSTRUCTION
- METAL STUD PARTITION
- CONCRETE MASONRY UNIT WALL w/ HORIZONTAL REINFORCEMENT AT 16" OC
- CAST-IN-PLACE CONCRETE WALL (REFER TO STRUCTURAL FOR REINFORCING REQUIREMENTS)

WALL / PARTITION LEGEND

- 1B 1 5/8" METAL STUDS AT 16" O.C. (MAX.) WITH 3/4" PAINTED PLYWOOD ONE SIDE. HEIGHT: FROM FLOOR TO 4" ABOVE CEILING. BRACE TO ADJACENT WALL AS REQUIRED. TYPICAL AT COLUMN ENCLOSURES
- 1D 6" METAL STUDS AT 16" O.C. (MAX.) WITH 5/8" GYPSUM BOARD ONE SIDE. HEIGHT: FROM FLOOR TO 4" ABOVE CEILING. BRACE TO ADJACENT WALL AS REQUIRED
- 1F 2 1/2" METAL STUDS AT 16" O.C. (MAX.) WITH 5/8" GYPSUM BOARD ONE SIDE. HEIGHT: FROM FLOOR TO STRUCTURE ABOVE.
- 1G 3 5/8" METAL STUDS @ 16" OC (MAX) W/ 5/8" GYP BOARD ONE SIDE TO STRUCTURE ABOVE
- 4C 8" CMU TO ONE FULL COURSE ABOVE CEILING
- 4E 4" CMU TO STRUCTURE ABOVE
- 4G 8" CMU TO STRUCTURE ABOVE
- 5C 8" CMU TO STRUCTURE ABOVE, 1 HOUR RATED, UL DESIGN NO. U905
- 5F 8" CMU TO STRUCTURE ABOVE, 1 HOUR RATED, UL DESIGN NO. U905
- 6C 8" CMU TO STRUCTURE ABOVE, 2 HOUR RATED, UL DESIGN NO. U905
- 4C 8" CMU TO ONE FULL COURSE ABOVE CEILING

NOTES:

1. COORDINATE WITH THE REFLECTED CEILING PLANS FOR RATED WALLS. WALLS WHICH EXTEND UP TO THE STRUCTURE ABOVE AND WALLS WHICH EXTEND ONLY A MINIMUM OF 4" ABOVE THE ADJACENT HIGHEST CEILING. DIMENSIONS OF WALLS ARE SHOWN ACTUAL U.N.O. IN PLAN FOR DETERMINING THE CMU THICKNESS. REFER TO BUILDING SECTIONS, WALL SECTIONS AND INTERIOR ELEVATIONS FOR BANDING OF SPECIAL CMU TYPES OR ANY OTHER SPECIAL CONDITIONS. PARTIAL HEIGHT CMU WALLS WILL BE NOTED AS SUCH ON THE FLOOR PLANS.
2. REFER TO MASONRY SPECIFICATION FOR VERTICAL REINFORCEMENT AND WALL BRACING NOT INDICATED ON DRAWINGS.
3. AT FIRE-RATED AND SMOKE-RESISTING WALLS (MASONRY OR GYPSUM BOARD), PROVIDE U.L. APPROVED, FIRE-RATED, HEAD-OF-WALL TERMINATIONS AS INDICATED. IF NOT INDICATED, PROVIDE "BASIS OF DESIGN", HEAD-OF-WALL FIRESTOP JOINT SYSTEM AS INDICATED IN SPECIFICATION SECTION 078446 (1 OR 2 HOUR AS APPROPRIATE). PROVIDE MINIMUM 1 HOUR TERMINATION AT SMOKE-RESISTING WALLS.
4. ALL CMU IS 8" THICK (ACTUAL= 7 5/8") UNLESS DIMENSIONED OTHERWISE.
5. PROVIDE BULLNOSE CMU UNITS AT ALL OUTSIDE COURNERS WHEN CORNERS ARE EXPOSED IN FINAL CONSTRUCTION. DO NOT BULLNOSE CORNERS WHEN ABUTTING CONSTRUCTION (i.e. GYPSUM BOARD) IS INTENDED TO BE FLUSH WITH CMU.
6. ALL GYPSUM WALLS TO RECEIVE ABUSE RESISTANT GYPSUM BOARD BELOW 4'-0" AFF, TYPICAL.
7. WHERE FINISH PLANS (A10 SERIES DRAWINGS) CALL FOR WALL TILE, PROVIDE CEMENT BOARD SUBSTRATE IN LIEU OF GYPSUM BOARD.
8. ALL DOORS LOCATED 4" FROM JAMB TO ADJACENT WALL UNLESS OTHERWISE INDICATED.

GENERAL NOTES

1. COORDINATE SIZE AND LOCATION OF ALL CONCRETE HOUSEKEEPING PADS AND / OR EQUIPMENT SUPPORTS WITH APPROPRIATE EQUIPMENT MANUFACTURER.
2. COORDINATE SIZE AND LOCATION OF ALL ACCESS PANELS WITH TRADE REQUIRING THE SAME. ACCESS PANELS ARE SPECIFIED ARCHITECTURALLY BUT ARE REQUIRED TO BE PROVIDED BY EACH TRADE. ALL LOCATIONS MUST BE COORDINATED AND APPROVED BY THE ARCHITECT'S FIELD REPRESENTATIVE.
3. CONTRACTORS SHALL VERIFY ALL EXISTING BUILDING DIMENSIONS, PARTITION AND WALL LOCATIONS, AND FLOOR ELEVATIONS IN THE FIELD AND NOTIFY THE ARCHITECTS REPRESENTATIVE OF ANY DISCREPANCIES BEFORE START OF WORK.
4. FLOOR PLANS ARE DIMENSIONED TO ACTUAL WALL THICKNESS - TYPICAL.
5. DIMENSIONS FOLLOWED BY ± SHOULD BE REVIEWED AND ALL NECESSARY ADJUSTMENTS MADE PRIOR TO FABRICATION AND / OR INSTALLATION OF AFFECTED WORK. NOTIFY ARCHITECTS REPRESENTATIVE IF DISCREPANCIES ARISE BEFORE PROCEEDING WITH THE WORK.
6. INSTALL CONTROL JOINTS IN GYPSUM BOARD AND METAL STUD-FRAMED PARTITIONS, WALLS, CEILINGS, BULKHEADS, FASCIAE AND SOFFITS IN COMPLIANCE WITH SPECIFICATIONS, AND WITH GENERAL REQUIREMENTS OF ASTM C840. PRIOR TO COMMENCEMENT OF FRAMING INSTALLATION SUBMIT COORDINATION DRAWINGS INDICATING PROPOSED LOCATIONS OF ALL CONTROL JOINTS, AS SPECIFIED.
7. PROVIDE CONTROL JOINTS WHERE INTERIOR CMU (ON SLAB) ABUTS EXTERIOR / INTERIOR MASONRY (ON FOUNDATIONS OR FOOTINGS).
8. VERIFY QUANTITY, SIZE, AND LOCATION OF ALL FLOOR, ROOF, AND WALL OPENINGS FOR MECHANICAL AND ELECTRICAL WORK WITH THE APPROPRIATE TRADE. PROVIDE ALL OPENINGS SHOWN OR REQUIRED FOR THE COMPLETION OF THE WORK. PROVIDE ALL LINTELS REQUIRED FOR THESE OPENINGS PER SPECIFICATIONS.
9. REFER TO LIFE SAFETY PLANS FOR LOCATIONS OF REQUIRED FIRE RESISTANCE RATINGS. BECAUSE OF THE DRAWING SCALE OF THE LIFE SAFETY PLANS, COORDINATE THE REQUIRED FIRE RESISTANCE RATINGS WITH THOSE SHOWN ON THE REFLECTED CEILING PLANS.
10. REFER TO REFLECTED CEILING PLANS FOR EXTENSION OF PARTITION WALLS TO FLOOR OR ROOF CONSTRUCTION ABOVE AND WALL FIRE RESISTANCE RATING REQUIREMENTS.
11. REFER TO STRUCTURAL DRAWINGS FOR ALL WIND FRAME LOCATIONS AT INTERIOR AND EXTERIOR WALLS.
12. REFER TO A10 SERIES DRAWINGS FOR FLOOR FINISH PATTERNS AND ROOM FINISHES.
13. REFER TO STRUCTURAL DRAWINGS FOR ORIENTATION AND SIZES OF ALL STRUCTURAL COLUMNS.
14. REFER TO DRAWING A8_ FOR TYPICAL DETAILS PERTAINING TO WALL TERMINATIONS AT STRUCTURE ABOVE AND MASONRY CONTROL JOINT DETAILS.
15. VERIFY ALL DIMENSIONS IN FIELD.
16. PROVIDE WOOD BLOCKING WITHIN STUD WALLS FOR WALL MOUNTED ITEMS i.e. GRAB BARS, TOWEL DISPENSERS, PENCIL SHARPENERS, WALL STOPS, ACCORDIAN PARTITION JAMBS, ETC. REFER ALSO TO A8_ SERIES AND A6_ SERIES DRAWINGS.
17. REFER TO EXTERIOR ELEVATIONS AND PLAN DETAILS FOR LOCATIONS OF CONTROL JOINTS IN EXTERIOR WALLS.
18. ALL EXPOSED EXISTING STRUCTURAL STEEL COLUMNS TO BE PAINTED WITH INTUMESCENT PAINT TO MAINTAIN FIRE RATING.

PATCHING NOTES

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
2. FOR ALL FLOOR SURFACES RECEIVING NEW FLOOR FINISHES, PREPARE SUBSTRATE BY PROVIDING LEVELING AND PATCHING COMPOUNDS RECOMMENDED BY FINISH FLOORING MANUFACTURERS. CONTRACTOR'S BASE BID PROPOSAL SHALL ASSUME THAT ALL AREAS, INDICATED TO RECEIVE NEW FINISHES, WILL REQUIRE FLOOR PREPERATION.
3. PATCH AND REPAIR ALL FLOOR AND WALL SURFACES LEFT DAMAGED OR INCOMPLETE FROM REMOVAL OF EXISTING PARTITIONS, MILLWORK, CASEWORK, CHALKBOARDS, TACKBOARDS, DISPLAY CASES OR OTHER FIXED EQUIPMENT WITH MATERIALS TO MATCH EXISTING, AS ACCEPTABLE TO THE ARCHITECT.
4. MATCH EXISTING MASONRY COURSING ADJACENT IN EACH AREA AND TOOTH NEW WORK INTO EXISTING, UNLESS OTHERWISE INDICATED.
5. AT EXISTING FLOOR FINISHES TO REMAIN, THAT BECOME SUBSTRATES FOR NEW FLOOR FINISHES, PATCH AND FILL EXISTING AS REQUIRED TO PREPARE FOR NEW FLOOR FINISH UNTIL ACCEPTABLE TO NEW FLOOR FINISH CONTRACTOR.
6. TOOTH-IN MASONRY INTO EXISTING, U.O.N., INCLUDING JAMBS OF DOORS AND OTHER OPENINGS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

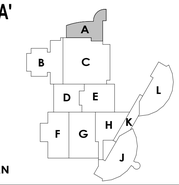
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Floor Plan - Zone 'A'

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
11-24-2025	SCHEMATIC DESIGN REVISIONS
10-17-2025	SCHEMATIC DESIGN

DATE:	ISSUED FOR:
DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

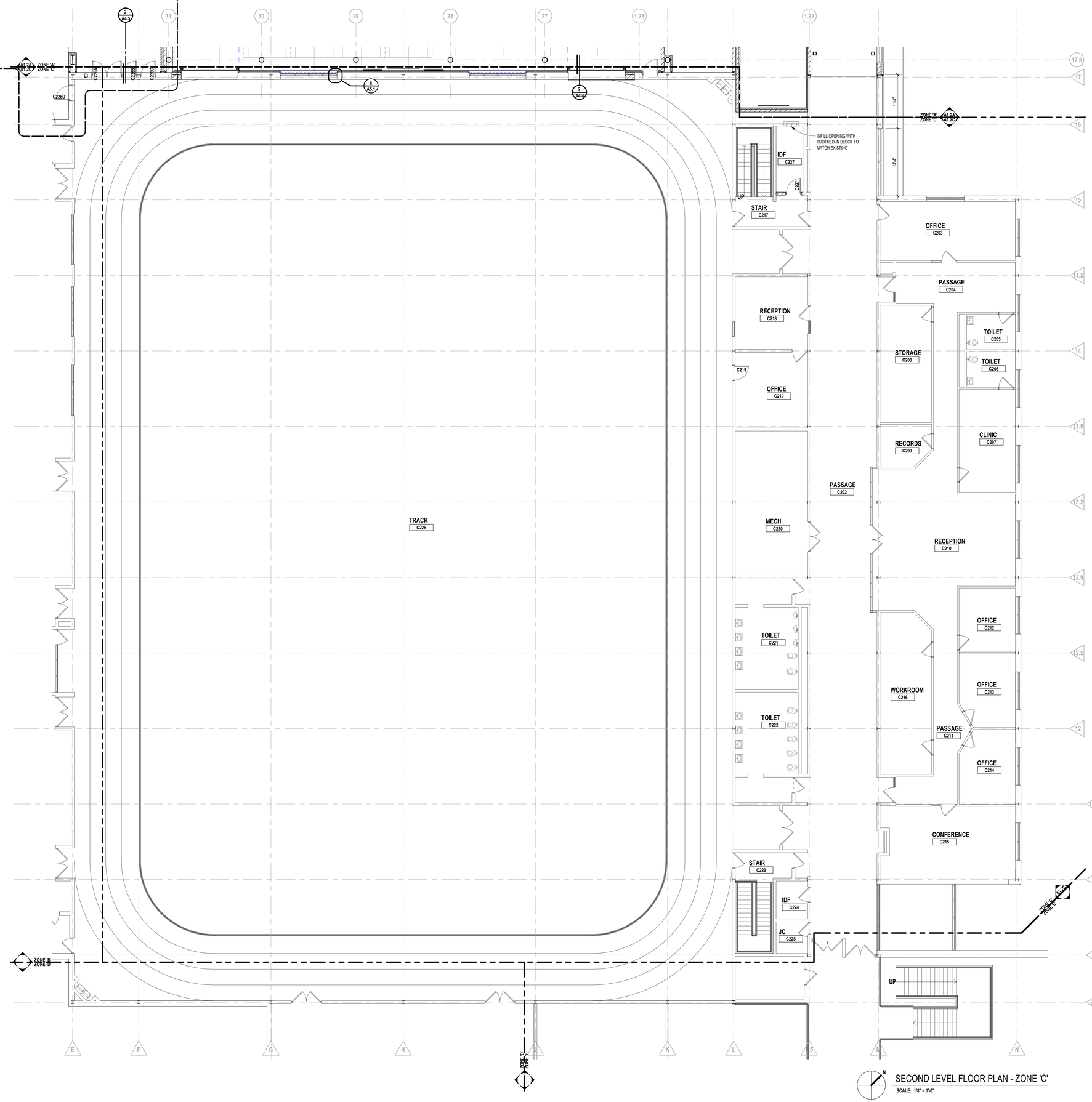
PROJECT NO.

25026D

DRAWING NO.

A1.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:16 AM



SECOND LEVEL FLOOR PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

WALL / PARTITION KEY

- EXISTING WALL CONSTRUCTION
- METAL STUD PARTITION
- CONCRETE MASONRY UNIT WALL w/ HORIZONTAL REINFORCEMENT AT 16" OC
- CAST-IN-PLACE CONCRETE WALL (REFER TO STRUCTURAL FOR REINFORCING REQUIREMENTS)

WALL / PARTITION LEGEND

- 1B 1 5/8" METAL STUDS AT 16" O.C. (MAX.) WITH 3/4" PAINTED PLYWOOD ONE SIDE. HEIGHT: FROM FLOOR TO 4" ABOVE CEILING. BRACE TO ADJACENT WALL AS REQUIRED. TYPICAL AT COLUMN ENCLOSURES
- 1D 6" METAL STUDS AT 16" O.C. (MAX.) WITH 5/8" GYPSUM BOARD ONE SIDE. HEIGHT: FROM FLOOR TO 4" ABOVE CEILING. BRACE TO ADJACENT WALL AS REQUIRED
- 1F 2 1/2" METAL STUDS AT 16" O.C. (MAX.) WITH 5/8" GYPSUM BOARD ONE SIDE. HEIGHT: FROM FLOOR TO STRUCTURE ABOVE.
- 1G 3 5/8" METAL STUDS @ 16" OC (MAX) W/ 5/8" GYP BOARD ONE SIDE TO STRUCTURE ABOVE
- 4C 8" CMU TO ONE FULL COURSE ABOVE CEILING
- 4E 4" CMU TO STRUCTURE ABOVE
- 4G 8" CMU TO STRUCTURE ABOVE
- 5C 8" CMU TO STRUCTURE ABOVE, 1 HOUR RATED, UL DESIGN NO. U905
- 5F 8" CMU TO STRUCTURE ABOVE, 1 HOUR RATED, UL DESIGN NO. U905
- 6C 8" CMU TO STRUCTURE ABOVE, 2 HOUR RATED, UL DESIGN NO. U905
- 4C 8" CMU TO ONE FULL COURSE ABOVE CEILING

NOTES:

1. COORDINATE WITH THE REFLECTED CEILING PLANS FOR RATED WALLS. WALLS WHICH EXTEND UP TO THE STRUCTURE ABOVE AND WALLS WHICH EXTEND ONLY A MINIMUM OF 4" ABOVE THE ADJACENT HIGHEST CEILING. DIMENSIONS OF WALLS ARE SHOWN ACTUAL U.N.O. IN PLAN FOR DETERMINING THE CMU THICKNESS. REFER TO BUILDING SECTIONS. WALL SECTIONS AND INTERIOR ELEVATIONS FOR BANDING OF SPECIAL CMU TYPES OR ANY OTHER SPECIAL CONDITIONS. PARTIAL HEIGHT CMU WALLS WILL BE NOTED AS SUCH ON THE FLOOR PLANS.
2. REFER TO MASONRY SPECIFICATION FOR VERTICAL REINFORCEMENT AND WALL BRACING NOT INDICATED ON DRAWINGS.
3. AT FIRE-RATED AND SMOKE-RESISTING WALLS (MASONRY OR GYPSUM BOARD), PROVIDE U.L. APPROVED, FIRE-RATED, HEAD-OF-WALL TERMINATIONS AS INDICATED. IF NOT INDICATED, PROVIDE "BASIS OF DESIGN", HEAD-OF-WALL FIRESTOP JOINT SYSTEM AS INDICATED IN SPECIFICATION SECTION 078446 (1 OR 2 HOUR AS APPROPRIATE). PROVIDE MINIMUM 1 HOUR TERMINATION AT SMOKE-RESISTING WALLS.
4. ALL CMU IS 8" THCK (ACTUAL= 7 5/8") UNLESS DIMENSIONED OTHERWISE.
5. PROVIDE BULLNOSE CMU UNITS AT ALL OUTSIDE COURNERS WHEN CORNERS ARE EXPOSED IN FINAL CONSTRUCTION. DO NOT BULLNOSE CORNERS WHEN ABUTTING CONSTRUCTION (i.e. GYPSUM BOARD) IS INTENDED TO BE FLUSH WITH CMU.
6. ALL GYPSUM WALLS TO RECEIVE ABUSE RESISTANT GYPSUM BOARD BELOW 4'-0" AFF, TYPICAL.
7. WHERE FINISH PLANS (A10 SERIES DRAWINGS) CALL FOR WALL TILE, PROVIDE CEMENT BOARD SUBSTRATE IN LIEU OF GYPSUM BOARD.
8. ALL DOORS LOCATED 4" FROM JAMB TO ADJACENT WALL UNLESS OTHERWISE INDICATED.

GENERAL NOTES

1. COORDINATE SIZE AND LOCATION OF ALL CONCRETE HOUSEKEEPING PADS AND / OR EQUIPMENT SUPPORTS WITH APPROPRIATE EQUIPMENT MANUFACTURER.
2. COORDINATE SIZE AND LOCATION OF ALL ACCESS PANELS WITH TRADE REQUIRING THE SAME. ACCESS PANELS ARE SPECIFIED ARCHITECTURALLY BUT ARE REQUIRED TO BE PROVIDED BY EACH TRADE. ALL LOCATIONS MUST BE COORDINATED AND APPROVED BY THE ARCHITECT'S FIELD REPRESENTATIVE.
3. CONTRACTORS SHALL VERIFY ALL EXISTING BUILDING DIMENSIONS, PARTITION AND WALL LOCATIONS, AND FLOOR ELEVATIONS IN THE FIELD AND NOTIFY THE ARCHITECTS REPRESENTATIVE OF ANY DISCREPANCIES BEFORE START OF WORK.
4. FLOOR PLANS ARE DIMENSIONED TO ACTUAL WALL THICKNESS - TYPICAL.
5. DIMENSIONS FOLLOWED BY ± SHOULD BE REVIEWED AND ALL NECESSARY ADJUSTMENTS MADE PRIOR TO FABRICATION AND / OR INSTALLATION OF AFFECTED WORK. NOTIFY ARCHITECTS REPRESENTATIVE IF DISCREPANCIES ARISE BEFORE PROCEEDING WITH THE WORK.
6. INSTALL CONTROL JOINTS IN GYPSUM BOARD AND METAL STUD-FRAMED PARTITIONS, WALLS, CEILINGS, BULKHEADS, FASCIAE AND SOFFITS IN COMPLIANCE WITH SPECIFICATIONS, AND WITH GENERAL REQUIREMENTS OF ASTM C840. PRIOR TO COMMENCEMENT OF FRAMING INSTALLATION SUBMIT COORDINATION DRAWINGS INDICATING PROPOSED LOCATIONS OF ALL CONTROL JOINTS, AS SPECIFIED.
7. PROVIDE CONTROL JOINTS WHERE INTERIOR CMU (ON SLAB) ABUTS EXTERIOR / INTERIOR MASONRY (ON FOUNDATIONS OR FOOTINGS).
8. VERIFY QUANTITY, SIZE, AND LOCATION OF ALL FLOOR, ROOF, AND WALL OPENINGS FOR MECHANICAL AND ELECTRICAL WORK WITH THE APPROPRIATE TRADE. PROVIDE ALL OPENINGS SHOWN OR REQUIRED FOR THE COMPLETION OF THE WORK. PROVIDE ALL LINTELS REQUIRED FOR THESE OPENINGS PER SPECIFICATIONS.
9. REFER TO LIFE SAFETY PLANS FOR LOCATIONS OF REQUIRED FIRE RESISTANCE RATINGS. BECAUSE OF THE DRAWING SCALE OF THE LIFE SAFETY PLANS, COORDINATE THE REQUIRED FIRE RESISTANCE RATINGS WITH THOSE SHOWN ON THE REFLECTED CEILING PLANS.
10. REFER TO REFLECTED CEILING PLANS FOR EXTENSION OF PARTITION WALLS TO FLOOR OR ROOF CONSTRUCTION ABOVE AND WALL FIRE RESISTANCE RATING REQUIREMENTS.
11. REFER TO STRUCTURAL DRAWINGS FOR ALL WIND FRAME LOCATIONS AT INTERIOR AND EXTERIOR WALLS.
12. REFER TO A10 SERIES DRAWINGS FOR FLOOR FINISH PATTERNS AND ROOM FINISHES.
13. REFER TO STRUCTURAL DRAWINGS FOR ORIENTATION AND SIZES OF ALL STRUCTURAL COLUMNS.
14. REFER TO DRAWING A8_ FOR TYPICAL DETAILS PERTAINING TO WALL TERMINATIONS AT STRUCTURE ABOVE AND MASONRY CONTROL JOINT DETAILS.
15. VERIFY ALL DIMENSIONS IN FIELD.
16. PROVIDE WOOD BLOCKING WITHIN STUD WALLS FOR WALL MOUNTED ITEMS i.e. GRAB BARS, TOWEL DISPENSERS, PENCIL SHARPENERS, WALL STOPS, ACCORDIAN PARTITION JAMBS, ETC. REFER ALSO TO A9_ SERIES AND A6_ SERIES DRAWINGS.
17. REFER TO EXTERIOR ELEVATIONS AND PLAN DETAILS FOR LOCATIONS OF CONTROL JOINTS IN EXTERIOR WALLS.
18. ALL EXPOSED EXISTING STRUCTURAL STEEL COLUMNS TO BE PAINTED WITH INTUMESCENT PAINT TO MAINTAIN FIRE RATING.

PATCHING NOTES

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
2. FOR ALL FLOOR SURFACES RECEIVING NEW FLOOR FINISHES, PREPARE SUBSTRATE BY PROVIDING LEVELING AND PATCHING COMPOUNDS RECOMMENDED BY FINISH FLOORING MANUFACTURERS. CONTRACTOR'S BASE BID PROPOSAL SHALL ASSUME THAT ALL AREAS, INDICATED TO RECEIVE NEW FINISHES, WILL REQUIRE FLOOR PREPERATION.
3. PATCH AND REPAIR ALL FLOOR AND WALL SURFACES LEFT DAMAGED OR INCOMPLETE FROM REMOVAL OF EXISTING PARTITIONS, MILLWORK, CASEWORK, CHALKBOARDS, TACKBOARDS, DISPLAY CASES OR OTHER FIXED EQUIPMENT WITH MATERIALS TO MATCH EXISTING, AS ACCEPTABLE TO THE ARCHITECT.
4. MATCH EXISTING MASONRY COURSING ADJACENT IN EACH AREA AND TOOTH NEW WORK INTO EXISTING, UNLESS OTHERWISE INDICATED.
5. AT EXISTING FLOOR FINISHES TO REMAIN, THAT BECOME SUBSTRATES FOR NEW FLOOR FINISHES, PATCH AND FILL EXISTING AS REQUIRED TO PREPARE FOR NEW FLOOR FINISH UNTIL ACCEPTABLE TO NEW FLOOR FINISH CONTRACTOR.
6. TOOTH-IN MASONRY INTO EXISTING, U.O.N., INCLUDING JAMBS OF DOORS AND OTHER OPENINGS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

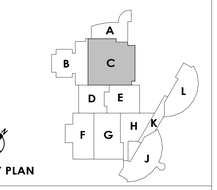
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Floor Plan - Zone 'C'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
11-24-2025	SCHEMATIC DESIGN REVISIONS
10-17-2025	SCHEMATIC DESIGN

DATE:	ISSUED FOR:
DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

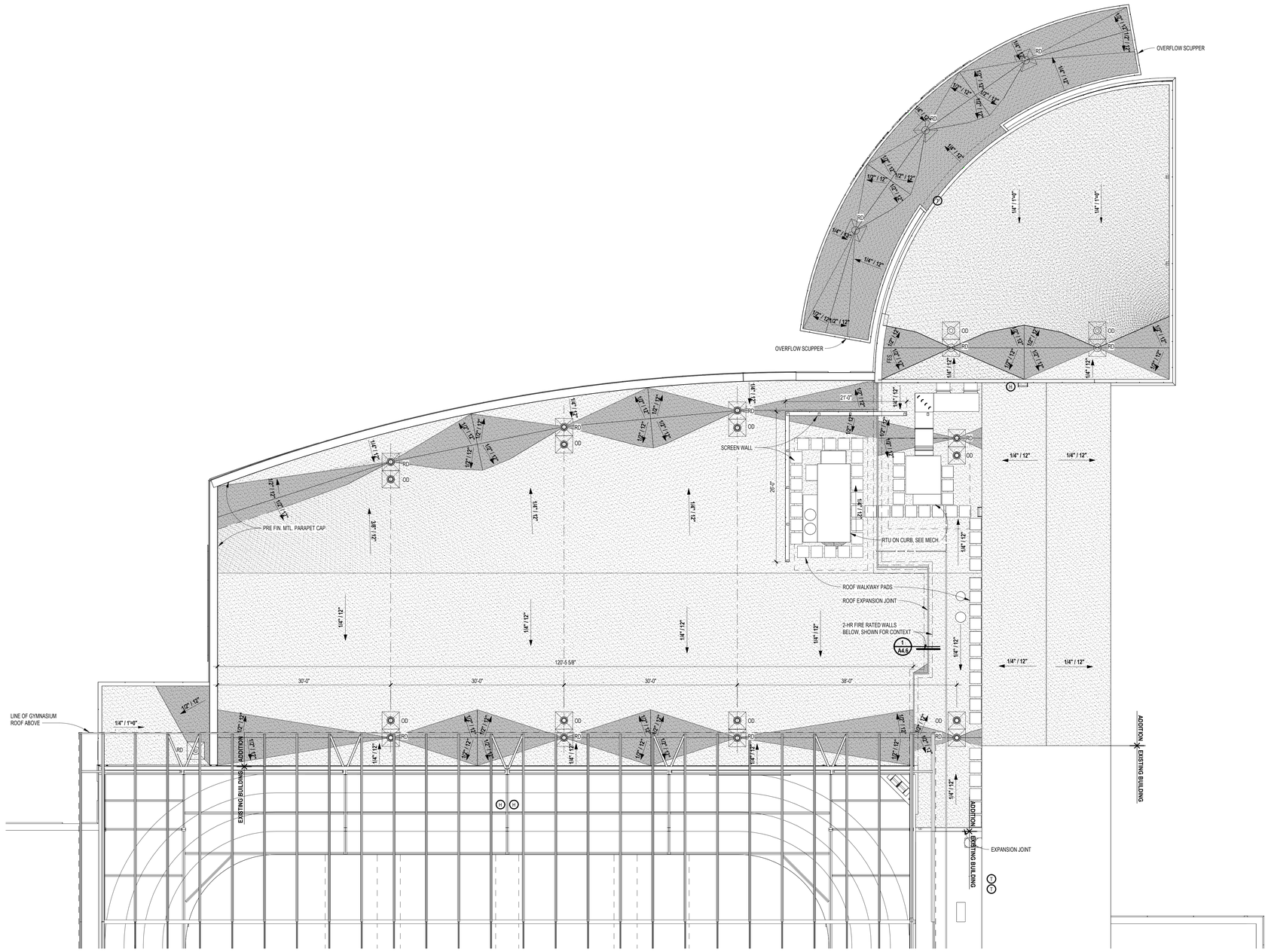
PROJECT NO.

25026D

DRAWING NO.

A1.2C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:18 AM



ROOF PLAN LEGEND

- RD/OD — COMBINATION PRIMARY / SECONDARY ROOF DRAIN
- RD — ROOF DRAIN (PRIMARY)
- OD — ROOF DRAIN (SECONDARY)
- EXHAUST FAN [RELIEF VENT] [INTAKE HOOD]
- EF[RV], [IH]
- RTU — ROOF TOP MECHANICAL UNIT
- ROOFING ON TAPERED INSULATION (1/4" PER FOOT, MIN) ON UNIFORM THICKNESS (NON-TAPERED) INSULATION
- ROOFING ON UNIFORM THICKNESS (NON-TAPERED) INSULATION ON SLOPED METAL DECK
- (0.0+/-) — APPROXIMATE THICKNESS OF TAPERED INSULATION (IN ADDITION TO UNIFORM THICKNESS INSULATION)
- INDICATES PITCH OF ROOF SURFACE TOWARDS DRAINS (TAPERED INSULATION OR SADDLES)
- SLOPE — INDICATES SLOPE OF ROOF DECK AND SUPPORTING STEEL (ROOF SURFACE ALSO IF NOT OTHERWISE INDICATED)

ROOF PLAN NOTES

1. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF PLUMBING VENTS (FLASH AS PER S.M.A.C.N.A. AND N.R.C.A. STANDARDS).
2. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL OPENINGS, IF ANY, IN NEW AND/OR EXISTING ROOFS. DETAILS OF SIMILAR OPENINGS REFERENCED ON THIS SHEET ARE APPLICABLE.
3. WHERE NEW OPENINGS OCCUR IN EXISTING ROOF AREAS, INSTALL SUPPLMENTAL FRAMING UNDER SHEATHING PRIOR TO CUTTING HOLE IN SHEATHING. REPAIR ROOFING TO 2'-0" (MIN) AROUND OPENING.
4. INFORMATION FOR EXISTING CONDITIONS TAKEN FROM HISTORICAL DRAWINGS AND VISUAL INSPECTIONS OF EACH BUILDING. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO INSTALLATION OF NEW WORK AND REPORT ALL DISCREPANCIES TO THE ARCHITECT.
5. LOCATIONS AND QUANTITIES OF ALL EXISTING ROOF PENETRATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR PRIOR TO WORK IN THOSE AREAS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER FLASHING OF ALL EXISTING DRAINS, CURBS, VENT STACKS, ETC., AFFECTED WITHIN THE PROJECT SCOPE.
7. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF NEW PENETRATIONS, FLASH AS SPECIFIED.
8. SEE MECHANICAL DRAWINGS FOR ADDITIONAL OPENINGS, IF ANY, IN NEW AND/OR EXISTING ROOFS. DETAILS OF SIMILAR OPENINGS REFERENCED ON THIS SHEET ARE APPLICABLE.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES ON OR NEAR PROJECT ROOFS DURING THE WORK. PROVIDE PROPER SAFETY MEASURES NEAR ELECTRICAL SERVICE LINES.

N

ROOF PLAN - ZONE 'A'
SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
259 E. MICHIGAN AVENUE · SUITE 308
KALAMAZOO · MICHIGAN · 49007
PH · 269.327.0077 FX · 269.327.8090
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

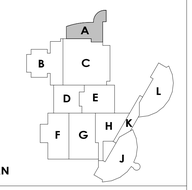
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Roof Plan - Zone 'A'



KEY PLAN

ISSUE DATES

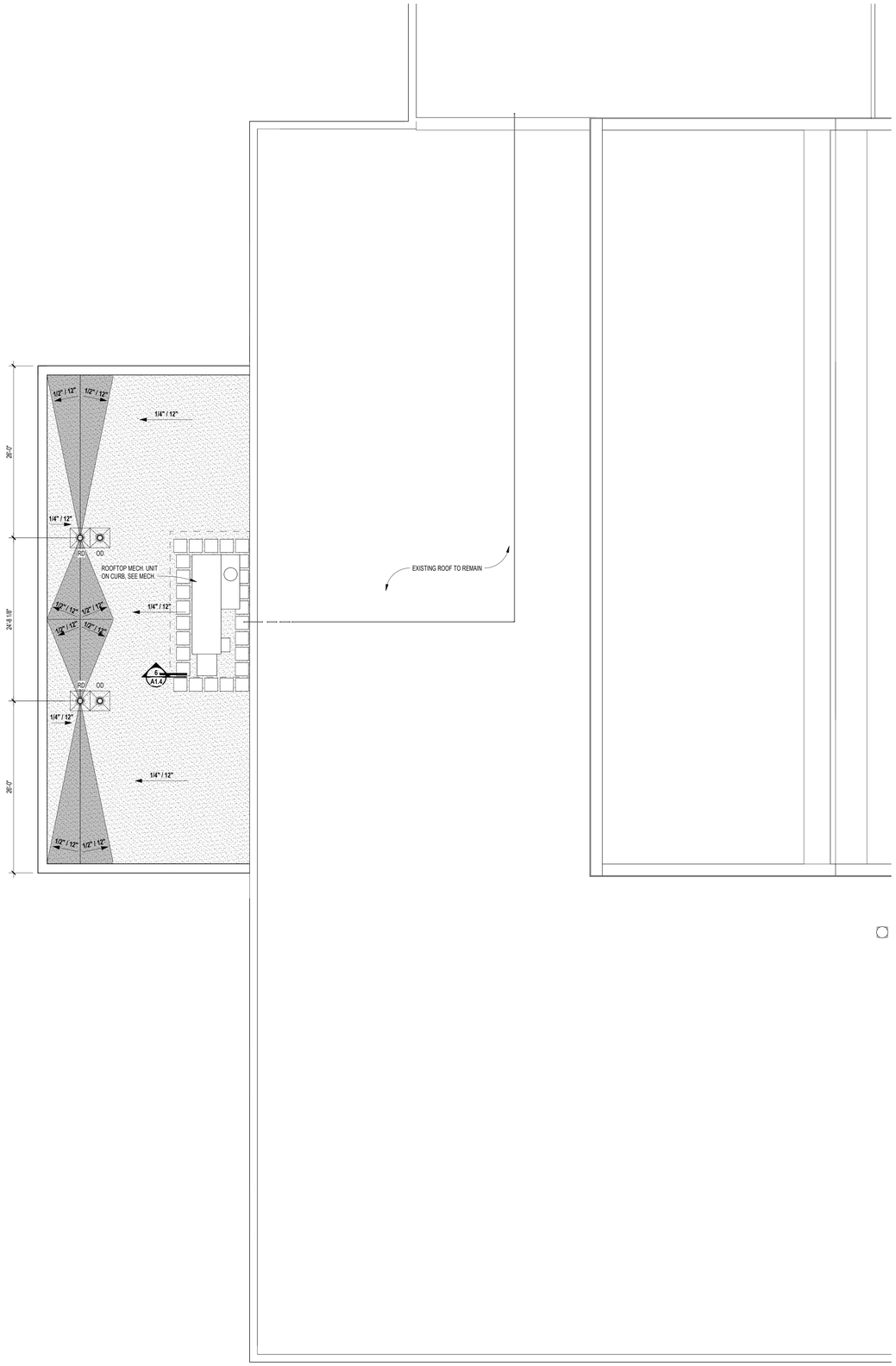
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	MRF/EK
CHECKED	MCL
APPROVED	DWL

PROJECT NO.
25026D

DRAWING NO.
A1.3A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:21 AM



ROOF PLAN LEGEND

- RD/OD — COMBINATION PRIMARY / SECONDARY ROOF DRAIN
- RD — ROOF DRAIN (PRIMARY)
- OD — ROOF DRAIN (SECONDARY)
- EXHAUST FAN [RELIEF VENT] [INTAKE HOOD]
- EF[RV], [IH]
- RTU — ROOF TOP MECHANICAL UNIT
- ROOFING ON TAPERED INSULATION (1/4" PER FOOT, MIN) ON UNIFORM THICKNESS (NON-TAPERED) INSULATION
- ROOFING ON UNIFORM THICKNESS (NON-TAPERED) INSULATION ON SLOPED METAL DECK
- (0.0+/-) — APPROXIMATE THICKNESS OF TAPERED INSULATION (IN ADDITION TO UNIFORM THICKNESS INSULATION)
- INDICATES PITCH OF ROOF SURFACE TOWARDS DRAINS (TAPERED INSULATION OR SADDLES)
- SLOPE — INDICATES SLOPE OF ROOF DECK AND SUPPORTING STEEL (ROOF SURFACE ALSO IF NOT OTHERWISE INDICATED)

ROOF PLAN NOTES

1. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF PLUMBING VENTS (FLASH AS PER S.M.A.C.N.A. AND N.R.C.A. STANDARDS).
2. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL OPENINGS, IF ANY, IN NEW AND/OR EXISTING ROOFS. DETAILS OF SIMILAR OPENINGS REFERENCED ON THIS SHEET ARE APPLICABLE.
3. WHERE NEW OPENINGS OCCUR IN EXISTING ROOF AREAS, INSTALL SUPPLMENTAL FRAMING UNDER SHEATHING PRIOR TO CUTTING HOLE IN SHEATHING. REPAIR ROOFING TO 2'-0" (MIN) AROUND OPENING.
4. INFORMATION FOR EXISTING CONDITIONS TAKEN FROM HISTORICAL DRAWINGS AND VISUAL INSPECTIONS OF EACH BUILDING. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO INSTALLATION OF NEW WORK AND REPORT ALL DISCREPANCIES TO THE ARCHITECT.
5. LOCATIONS AND QUANTITIES OF ALL EXISTING ROOF PENETRATIONS ARE APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR PRIOR TO WORK IN THOSE AREAS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER FLASHING OF ALL EXISTING DRAINS, CURBS, VENT STACKS, ETC., AFFECTED WITHIN THE PROJECT SCOPE.
7. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF NEW PENETRATIONS, FLASH AS SPECIFIED.
8. SEE MECHANICAL DRAWINGS FOR ADDITIONAL OPENINGS, IF ANY, IN NEW AND/OR EXISTING ROOFS. DETAILS OF SIMILAR OPENINGS REFERENCED ON THIS SHEET ARE APPLICABLE.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES ON OR NEAR PROJECT ROOFS DURING THE WORK. PROVIDE PROPER SAFETY MEASURES NEAR ELECTRICAL SERVICE LINES.

ROOF PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

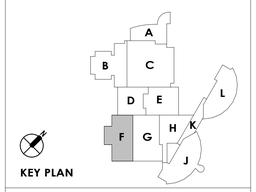
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Roof Plan - Zone 'F'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	MRF/EK
CHECKED	MCL
APPROVED	DWL

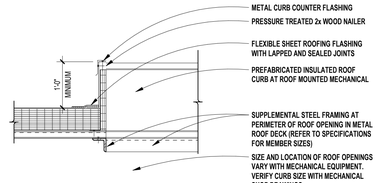
PROJECT NO.

25026D

DRAWING NO.

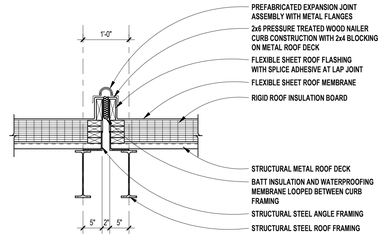
A1.3F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:23 AM



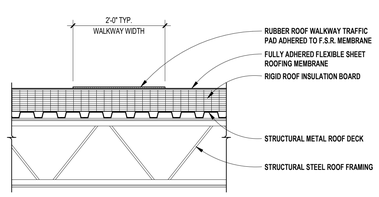
4 ROOF EQUIPMENT CURB AT OPENING

SCALE: 3/4" = 1'-0"



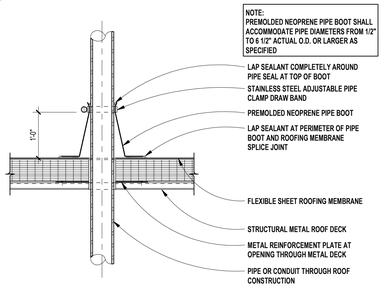
3 A4.6 ROOF EXPANSION JOINT CURB

SCALE: 3/4" = 1'-0"



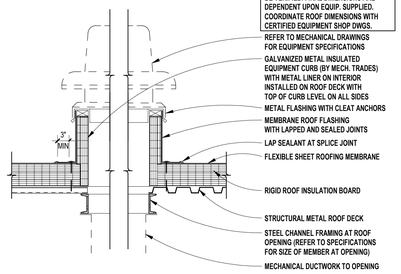
6 A1.3F ROOF WALKWAY TRAFFIC PAD

SCALE: 3/4" = 1'-0"



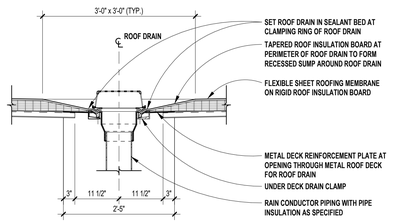
5 PIPE AND CONDUIT FLASHING

SCALE: 3/4" = 1'-0"



2 ROOF EXHAUST FAN

SCALE: 3/4" = 1'-0"



1 ROOF DRAIN

SCALE: 3/4" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Roof Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

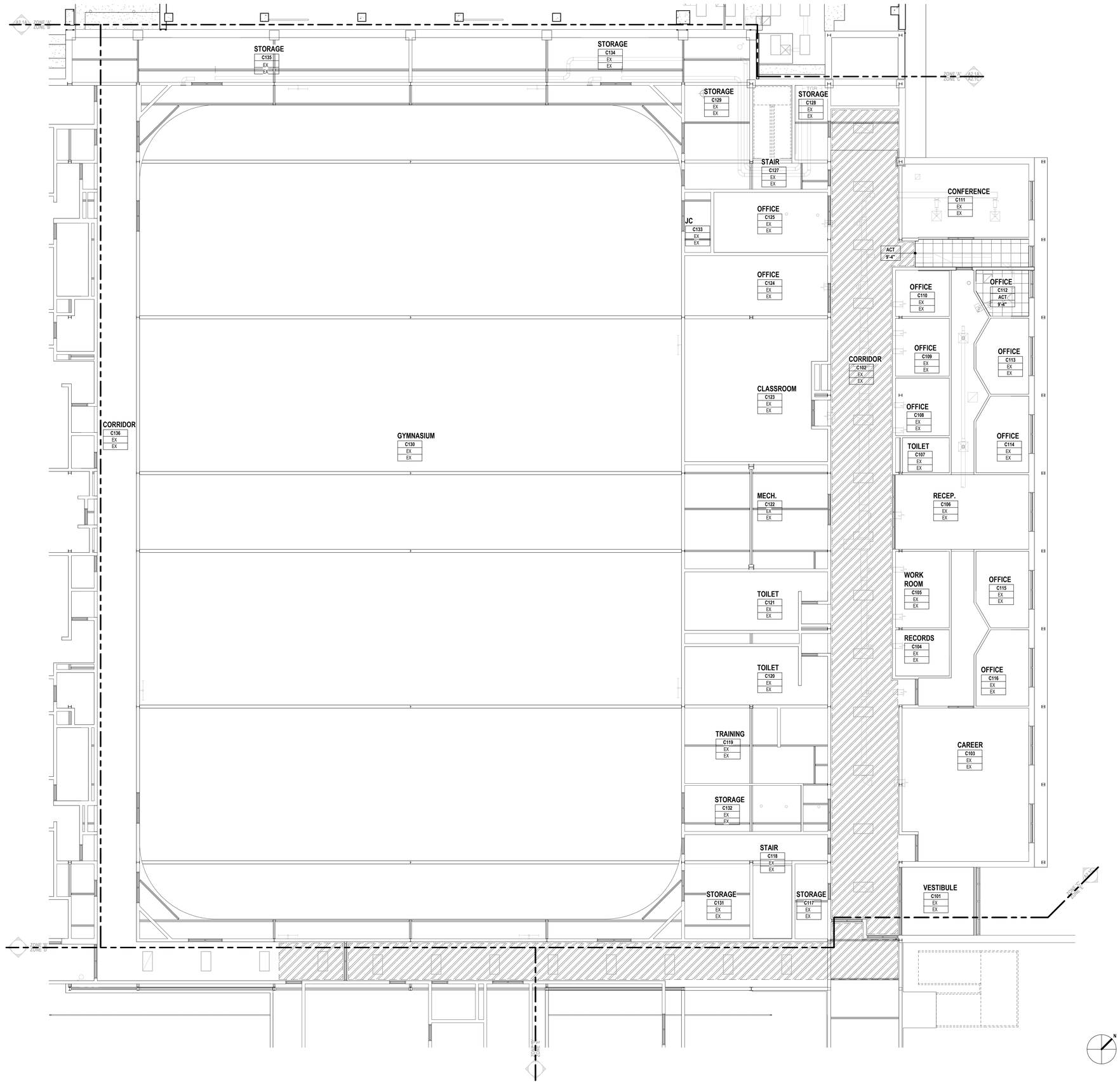
PROJECT NO.

25026D

DRAWING NO.

A1.4

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 2:54:13 PM



FIXTURE LEGEND

- RECESSED L.E.D. TROFFER (2'x4' / 1'x4')
- L.E.D. INDUSTRIAL FIXTURE
- SURFACE MOUNTED LINEAR L.E.D. FIXTURE
- PENDANT MOUNTED LINEAR L.E.D. FIXTURE
- RECESSED DOWNLIGHT
- EXIT SIGN
- SPEAKER

FIRE / LIFE SAFETY FIXTURES: SEE ELECTRICAL, FIRE PROTECTION, PLUMBING, AND TECHNOLOGY DRAWINGS & SPECIFICATIONS

MECHANICAL EQUIPMENT / FIXTURES - SEE MECHANICAL DRAWINGS & SPECIFICATIONS

- SUPPLY DIFFUSER
- RETURN-AIR / EXHAUST GRILLE

CEILING KEY

- GYPSUM BOARD (PAINTED) OR INTERIOR / EXTERIOR FINISH SYSTEM CEILING / SOFFIT
- 24" x 24" SUSPENDED LAY-IN ACOUSTICAL CEILING
- 24" x 48" SUSPENDED LAY-IN ACOUSTICAL CEILING
- EXPOSED OR EXISTING CONSTRUCTION TO REMAIN (PAINTED U.O.N.)
- RE-INSTALLATION OF EXISTING CEILING GRID AND TILES

CEILING LEGEND

ROOM/CEILING TAGS
ROOM NAME AND NUMBER PLUS GENERAL CEILING FINISH AND HEIGHT UNLESS OTHERWISE NOTED CEILING FINISH TAGS.

CEILING FINISH TAG
SPECIFIC FINISH / HEIGHT WHERE VARYING FROM GENERAL ROOM / CEILING TAGS.

CLASSROOM ← ROOM NAME
101 ← ROOM NUMBER
ACT ← CEILING FINISH ABBREVIATION (SEE BELOW) → ACT 8'-10"
9'-0" ← CEILING HEIGHT (AFF)

CEILING FINISH ABBREVIATIONS

AB	ACOUSTICAL BAFFLE PANEL - SUSPENDED
ACT	ACOUSTICAL LAY-IN CEILING TILE
ACT-2	ACOUSTICAL DECORATIVE CEILING TILE
EX	EXISTING
EX-P	EXISTING - PAINTED
EXP-P	EXPOSED CONSTRUCTION - PAINTED
DEFS	DIRECT-APPLIED EXTERIOR FINISH SYSTEM
GYP-P	GYPSUM BOARD - PAINTED
GYP-EP	GYPSUM BOARD - EPOXY PAINTED
MP	METAL PANELS
PT	PAINTED
UF	UNFINISHED

NOTES
1. REFER TO FINISH PLANS FOR INFORMATION ON ROOM FINISHES.
2. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION ON MATERIALS AND CONSTRUCTION.
3. WHERE EXPOSED CONSTRUCTION IS INDICATED TO BE PAINTED, THIS SHALL INCLUDE ALL STRUCTURAL MEMBERS, ROOF / FLOOR DECK, DUCTWORK, DIFFUSERS, GRILLES, PIPING, SUSPENDED EQUIPMENT, CONDUITS, ETC. (U.O.N.).

WALL FIRE RATING LEGEND

- 2-HOUR FIRE RATED HORIZONTAL EXIT
- 2-HOUR FIRE BARRIER
- SMOKE BARRIER WITH 1-HOUR FIRE RATING
- SMOKE BARRIER (NON-RATED) UNENCLOSED FLOOR OPENINGS
- 1-HOUR FIRE BARRIER FOR UNENCLOSED FLOOR OPENINGS
- 1-HOUR FIRE RATED EXT/ELEVATOR SHAFT ENCLOSURE
- 1-HOUR FIRE BARRIER ENCLOSED VERTICAL SHAFTS
- 1-HOUR FIRE BARRIER FOR PROTECTION FROM HAZARDS
- SMOKE RESISTING PARTITION
- NON RATED WALLS TO STRUCTURE ABOVE

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE TYPES. REFER ELECTRICAL AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION PERTAINING TO ELECTRICAL AND MECHANICAL WORK.
2. COORDINATE SIZE AND LOCATION OF ALL ACCESS PANELS WITH TRADE REQUIRING THE SAME. ACCESS PANELS ARE SPECIFIED ARCHITECTURALLY BUT ARE REQUIRED TO BE PROVIDED BY TRADE. SPOT ALL LOCATIONS WITHIN FIXED GYPSUM BOARD CEILINGS AND RECEIVE APPROVAL FROM THE ARCHITECT'S FIELD REPRESENTATIVE BEFORE PLACEMENT.
3. COORDINATE CEILING SUSPENSION SYSTEMS WITH OTHER CEILING SPACE EQUIPMENT SUPPORTS.
4. ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTIONS (ABOVE ACCESSIBLE CEILINGS) SHALL BE MARKED EVERY 30'-0" HORIZONTALLY AND WITHIN 15'-0" OF ENDS OF WALLS: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS", REFER TO CURRENT BUILDING CODE FOR LETTERING HEIGHT, STROKE AND CONTRAST.
5. ALL GYPSUM BOARD FASCIAS @ SOFFITS, ADJACENT TO LAY-IN CEILINGS, SHALL EXTEND 4" MINIMUM ABOVE LAY-IN CEILINGS.
6. INSTALL CONTROL JOINTS IN GYPSUM BOARD AND METAL STUD-FRAMED PARTITIONS, WALLS, CEILINGS, BULKHEADS, FASCIAE AND SOFFITS IN COMPLIANCE WITH SPECIFICATIONS, AND WITH GENERAL REQUIREMENTS OF ASTM C840. PRIOR TO COMMENCEMENT OF FRAMING INSTALLATION SUBMIT COORDINATION DRAWINGS INDICATING PROPOSED LOCATIONS OF ALL CONTROL JOINTS, AS SPECIFIED.
7. PROVIDE WOOD BLOCKING, ABOVE GYPSUM BOARD CEILINGS, AS REQUIRED FOR MISCELLANEOUS SUSPENDED ITEMS (e.g. CURTAIN TRACKS, WINDOW SHADES, ACOUSTICAL BAFFLES, ETC.).
8. REFER TO DRAWINGS A___ FOR TYPICAL DETAILS PERTAINING TO WALL TERMINATIONS AT STRUCTURE ABOVE.
9. SEE LIFE SAFETY PLANS FOR DAMPERING REQUIREMENTS.
10. CENTER SPRINKLER HEADS AT THE CENTER OF CEILING PANEL UNLESS SHOWN OTHERWISE. (REVIEW NOTE NO. 10 W/ GREG SMITH)

N

FIRST LEVEL REFLECTED CEILING PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

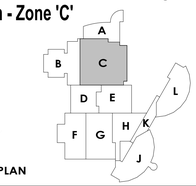
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Reflected Ceiling Plan - Zone 'C'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
10-17-2025	SCHEMATIC DESIGN

DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

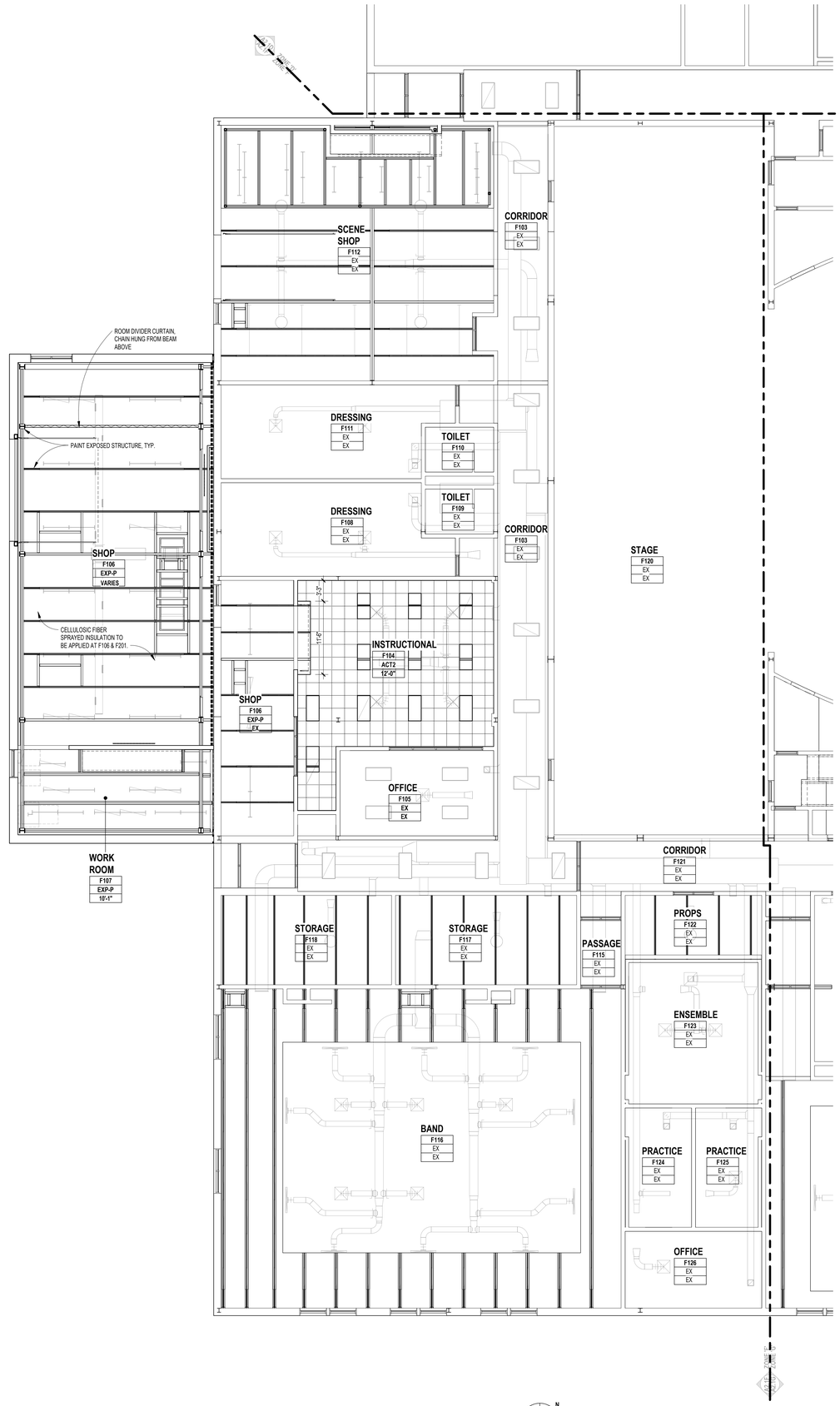
PROJECT NO.
25026D

DRAWING NO.
A2.1C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:24 AM

2 A3.2 MEZZANINE REFLECTED CEILING PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"



N

FIRST LEVEL REFLECTED CEILING PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

FIXTURE LEGEND

- RECESSED L.E.D. TROFFER (2'x4' / 1'x4')
- L.E.D. INDUSTRIAL FIXTURE
- SURFACE MOUNTED LINEAR L.E.D. FIXTURE
- PENDANT MOUNTED LINEAR L.E.D. FIXTURE
- RECESSED DOWNLIGHT
- EXIT SIGN
- SPEAKER

FIRE / LIFE SAFETY FIXTURES: SEE ELECTRICAL, FIRE PROTECTION, PLUMBING, AND TECHNOLOGY DRAWINGS & SPECIFICATIONS

MECHANICAL EQUIPMENT / FIXTURES - SEE MECHANICAL DRAWINGS & SPECIFICATIONS

- SUPPLY DIFFUSER
- RETURN-AIR / EXHAUST GRILLE

CEILING KEY

- GYPSUM BOARD (PAINTED) OR INTERIOR / EXTERIOR FINISH SYSTEM CEILING / SOFFIT
- 24" x 24" SUSPENDED LAY-IN ACOUSTICAL CEILING
- 24" x 48" SUSPENDED LAY-IN ACOUSTICAL CEILING
- EXPOSED OR EXISTING CONSTRUCTION TO REMAIN (PAINTED U.O.N.)
- RE-INSTALLATION OF EXISTING CEILING GRID AND TILES

CEILING LEGEND

ROOM/CEILING TAGS

ROOM NAME AND NUMBER PLUS GENERAL CEILING FINISH AND HEIGHT UNLESS OTHERWISE NOTED CEILING FINISH TAGS.

CEILING FINISH TAG

SPECIFIC FINISH / HEIGHT WHERE VARYING FROM GENERAL ROOM / CEILING TAGS.

CLASSROOM ← ROOM NAME
101 ← ROOM NUMBER
ACT ← CEILING FINISH ABBREVIATION (SEE BELOW) → ACT
9'-0" ← CEILING HEIGHT (AFF) → 8'-10"

CEILING FINISH ABBREVIATIONS

AB	ACOUSTICAL BAFFLE PANEL - SUSPENDED
ACT	ACOUSTICAL LAY-IN CEILING TILE
ACT-2	ACOUSTICAL DECORATIVE CEILING TILE
EX	EXISTING
EX-P	EXISTING - PAINTED
EXP-P	EXPOSED CONSTRUCTION - PAINTED
DEFS	DIRECT-APPLIED EXTERIOR FINISH SYSTEM
GYP-P	GYPSUM BOARD - PAINTED
GYP-EP	GYPSUM BOARD - EPOXY PAINTED
MP	METAL PANELS
PT	PAINTED
UF	UNFINISHED

NOTES

1. REFER TO FINISH PLANS FOR INFORMATION ON ROOM FINISHES.
2. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION ON MATERIALS AND CONSTRUCTION.
3. WHERE EXPOSED CONSTRUCTION IS INDICATED TO BE PAINTED, THIS SHALL INCLUDE ALL STRUCTURAL MEMBERS, ROOF / FLOOR DECK, DUCTWORK, DIFFUSERS, GRILLES, PIPING, SUSPENDED EQUIPMENT, CONDUITS, ETC. (U.O.N.).

WALL FIRE RATING LEGEND

- 2-HOUR FIRE RATED HORIZONTAL EXIT
- 2-HOUR FIRE BARRIER
- SMOKE BARRIER WITH 1-HOUR FIRE RATING
- SMOKE BARRIER (NON-RATED) UNENCLOSED FLOOR OPENINGS
- 1-HOUR FIRE BARRIER FOR UNENCLOSED FLOOR OPENINGS
- 1-HOUR FIRE RATED EXT/ELEVATOR SHAFT ENCLOSURE
- 1-HOUR FIRE BARRIER ENCLOSED VERTICAL SHAFTS
- 1-HOUR FIRE BARRIER FOR PROTECTION FROM HAZARDS
- SMOKE RESISTING PARTITION
- NON RATED WALLS TO STRUCTURE ABOVE

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE TYPES. REFER ELECTRICAL AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION PERTAINING TO ELECTRICAL AND MECHANICAL WORK.
2. COORDINATE SIZE AND LOCATION OF ALL ACCESS PANELS WITH TRADE REQUIRING THE SAME. ACCESS PANELS ARE SPECIFIED ARCHITECTURALLY BUT ARE REQUIRED TO BE PROVIDED BY TRADE. SPOT ALL LOCATIONS WITHIN FIXED GYPSUM BOARD CEILINGS AND RECEIVE APPROVAL FROM THE ARCHITECT'S FIELD REPRESENTATIVE BEFORE PLACEMENT.
3. COORDINATE CEILING SUSPENSION SYSTEMS WITH OTHER CEILING SPACE EQUIPMENT SUPPORTS.
4. ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTIONS (ABOVE ACCESSIBLE CEILINGS) SHALL BE MARKED EVERY 30'-0" HORIZONTALLY AND WITHIN 15'-0" OF ENDS OF WALLS: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS", REFER TO CURRENT BUILDING CODE FOR LETTERING HEIGHT, STROKE AND CONTRAST.
5. ALL GYPSUM BOARD FASCIAS @ SOFFITS, ADJACENT TO LAY-IN CEILINGS, SHALL EXTEND 4" MINIMUM ABOVE LAY-IN CEILINGS.
6. INSTALL CONTROL JOINTS IN GYPSUM BOARD AND METAL STUD-FRAMED PARTITIONS, WALLS, CEILINGS, BULKHEADS, FASCIAE AND SOFFITS IN COMPLIANCE WITH SPECIFICATIONS, AND WITH GENERAL REQUIREMENTS OF ASTM C840. PRIOR TO COMMENCEMENT OF FRAMING INSTALLATION SUBMIT COORDINATION DRAWINGS INDICATING PROPOSED LOCATIONS OF ALL CONTROL JOINTS, AS SPECIFIED.
7. PROVIDE WOOD BLOCKING, ABOVE GYPSUM BOARD CEILINGS, AS REQUIRED FOR MISCELLANEOUS SUSPENDED ITEMS (e.g. CURTAIN TRACKS, WINDOW SHADES, ACOUSTICAL BAFFLES, ETC.).
8. REFER TO DRAWINGS A___ FOR TYPICAL DETAILS PERTAINING TO WALL TERMINATIONS AT STRUCTURE ABOVE.
9. SEE LIFE SAFETY PLANS FOR DAMPERING REQUIREMENTS.
10. CENTER SPRINKLER HEADS AT THE CENTER OF CEILING PANEL UNLESS SHOWN OTHERWISE. (REVIEW NOTE NO. 10 W/ GREG SMITH)

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

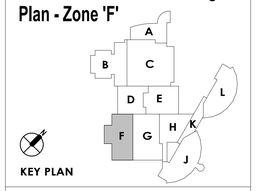
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Reflected Ceiling Plan - Zone 'F'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
10-17-2025	SCHEMATIC DESIGN

DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

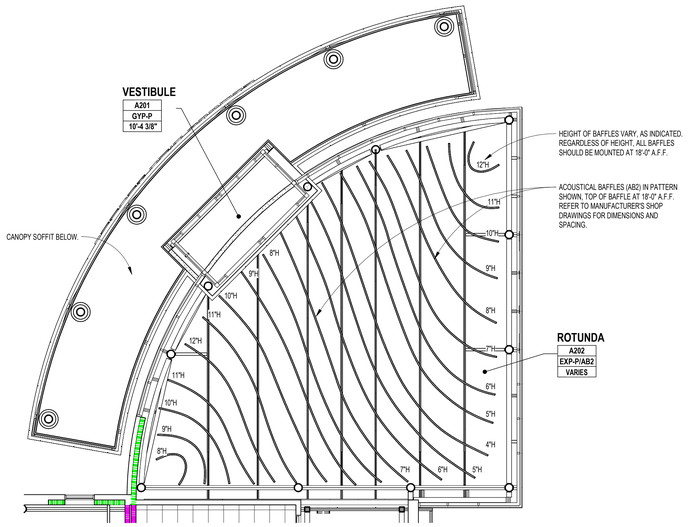
PROJECT NO.

25026D

DRAWING NO.

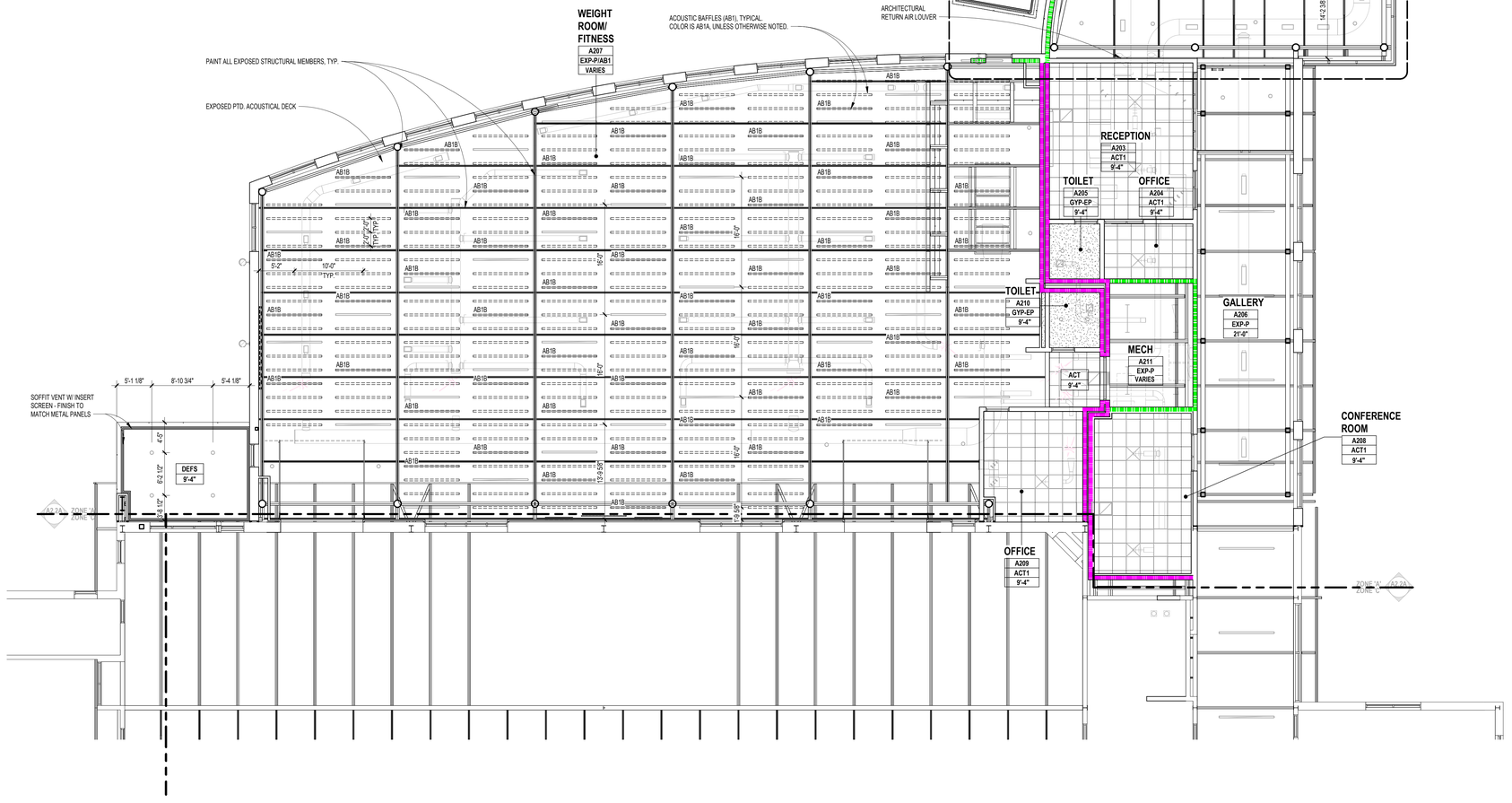
A2.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:27 AM



2 A2.2A ACCOUSTICAL BAFFLE PLAN

SCALE: 1/8" = 1'-0"



N

SECOND LEVEL REFLECTED CEILING PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

FIXTURE LEGEND

- RECESSED L.E.D. TROFFER (2'x4' / 1'x4')
- L.E.D. INDUSTRIAL FIXTURE
- SURFACE MOUNTED LINEAR L.E.D. FIXTURE
- PENDANT MOUNTED LINEAR L.E.D. FIXTURE
- RECESSED DOWNLIGHT
- EXIT SIGN
- SPEAKER

FIRE / LIFE SAFETY FIXTURES: SEE ELECTRICAL, FIRE PROTECTION, PLUMBING, AND TECHNOLOGY DRAWINGS & SPECIFICATIONS

MECHANICAL EQUIPMENT / FIXTURES - SEE MECHANICAL DRAWINGS & SPECIFICATIONS

- SUPPLY DIFFUSER
- RETURN-AIR / EXHAUST GRILLE

CEILING KEY

- GYPSUM BOARD (PAINTED) OR INTERIOR / EXTERIOR FINISH SYSTEM CEILING / SOFFIT
- 24" x 24" SUSPENDED LAY-IN ACOUSTICAL CEILING
- 24" x 48" SUSPENDED LAY-IN ACOUSTICAL CEILING
- EXPOSED OR EXISTING CONSTRUCTION TO REMAIN (PAINTED U.O.N.)
- RE-INSTALLATION OF EXISTING CEILING GRID AND TILES

CEILING LEGEND

ROOM/CEILING TAGS

ROOM NAME AND NUMBER PLUS GENERAL CEILING FINISH AND HEIGHT UNLESS OTHERWISE NOTED CEILING FINISH TAGS.

CEILING FINISH TAG

SPECIFIC FINISH / HEIGHT WHERE VARYING FROM GENERAL ROOM / CEILING TAGS.

CLASSROOM ← ROOM NAME
101 ← ROOM NUMBER
ACT ← CEILING FINISH ABBREVIATION (SEE BELOW) → ACT
9'-0" ← CEILING HEIGHT (AFF) → 8'-10"

CEILING FINISH ABBREVIATIONS

AB	ACOUSTICAL BAFFLE PANEL - SUSPENDED
ACT	ACOUSTICAL LAY-IN CEILING TILE
ACT-2	ACOUSTICAL DECORATIVE CEILING TILE
EX	EXISTING
EX-P	EXISTING - PAINTED
EXP-P	EXPOSED CONSTRUCTION - PAINTED
DEFS	DIRECT-APPLIED EXTERIOR FINISH SYSTEM
GYP-P	GYPSUM BOARD - PAINTED
GYP-EP	GYPSUM BOARD - EPOXY PAINTED
MP	METAL PANELS
PT	PAINTED
UF	UNFINISHED

NOTES

1. REFER TO FINISH PLANS FOR INFORMATION ON ROOM FINISHES.
2. REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION ON MATERIALS AND CONSTRUCTION.
3. WHERE EXPOSED CONSTRUCTION IS INDICATED TO BE PAINTED, THIS SHALL INCLUDE ALL STRUCTURAL MEMBERS, ROOF / FLOOR DECK, DUCTWORK, DIFFUSERS, GRILLES, PIPING, SUSPENDED EQUIPMENT, CONDUITS, ETC. (U.O.N.).

WALL FIRE RATING LEGEND

- 2-HOUR FIRE RATED HORIZONTAL EXIT
- 2-HOUR FIRE BARRIER
- SMOKE BARRIER WITH 1-HOUR FIRE RATING
- SMOKE BARRIER (NON-RATED) UNENCLOSED FLOOR OPENINGS
- 1-HOUR FIRE BARRIER FOR UNENCLOSED FLOOR OPENINGS
- 1-HOUR FIRE RATED EXT/ELEVATOR SHAFT ENCLOSURE
- 1-HOUR FIRE BARRIER ENCLOSED VERTICAL SHAFTS
- 1-HOUR FIRE BARRIER FOR PROTECTION FROM HAZARDS
- SMOKE RESISTING PARTITION
- NON RATED WALLS TO STRUCTURE ABOVE

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE TYPES. REFER ELECTRICAL AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION PERTAINING TO ELECTRICAL AND MECHANICAL WORK.
2. COORDINATE SIZE AND LOCATION OF ALL ACCESS PANELS WITH TRADE REQUIRING THE SAME. ACCESS PANELS ARE SPECIFIED ARCHITECTURALLY BUT ARE REQUIRED TO BE PROVIDED BY TRADE. SPOT ALL LOCATIONS WITHIN FIXED GYPSUM BOARD CEILINGS AND RECEIVE APPROVAL FROM THE ARCHITECT'S FIELD REPRESENTATIVE BEFORE PLACEMENT.
3. COORDINATE CEILING SUSPENSION SYSTEMS WITH OTHER CEILING SPACE EQUIPMENT SUPPORTS.
4. ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTIONS (ABOVE ACCESSIBLE CEILINGS) SHALL BE MARKED EVERY 30'-0" HORIZONTALLY AND WITHIN 15'-0" OF ENDS OF WALLS: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS". REFER TO CURRENT BUILDING CODE FOR LETTERING HEIGHT, STROKE AND CONTRAST.
5. ALL GYPSUM BOARD FASCIAS @ SOFFITS, ADJACENT TO LAY-IN CEILINGS, SHALL EXTEND 4" MINIMUM ABOVE LAY-IN CEILINGS.
6. INSTALL CONTROL JOINTS IN GYPSUM BOARD AND METAL STUD-FRAMED PARTITIONS, WALLS, CEILINGS, BULKHEADS, FASCIAE AND SOFFITS IN COMPLIANCE WITH SPECIFICATIONS, AND WITH GENERAL REQUIREMENTS OF ASTM C840. PRIOR TO COMMENCEMENT OF FRAMING INSTALLATION SUBMIT COORDINATION DRAWINGS INDICATING PROPOSED LOCATIONS OF ALL CONTROL JOINTS, AS SPECIFIED.
7. PROVIDE WOOD BLOCKING, ABOVE GYPSUM BOARD CEILINGS, AS REQUIRED FOR MISCELLANEOUS SUSPENDED ITEMS (e.g. CURTAIN TRACKS, WINDOW SHADES, ACOUSTICAL BAFFLES, ETC.).
8. REFER TO DRAWINGS A___ FOR TYPICAL DETAILS PERTAINING TO WALL TERMINATIONS AT STRUCTURE ABOVE.
9. SEE LIFE SAFETY PLANS FOR DAMPERING REQUIREMENTS.
10. CENTER SPRINKLER HEADS AT THE CENTER OF CEILING PANEL UNLESS SHOWN OTHERWISE. (REVIEW NOTE NO. 10 W/ GREG SMITH)

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

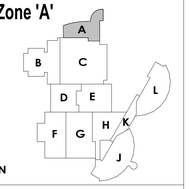
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Reflected Ceiling Plan - Zone 'A'

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
10-17-2025	SCHEMATIC DESIGN

DATE:	ISSUED FOR:
DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

PROJECT NO.

25026D

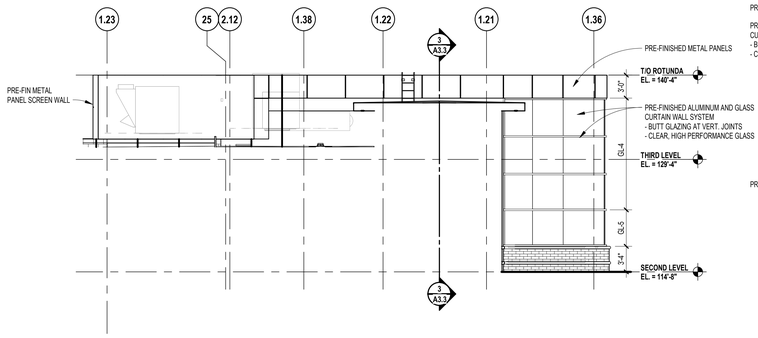
DRAWING NO.

A2.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:28 AM

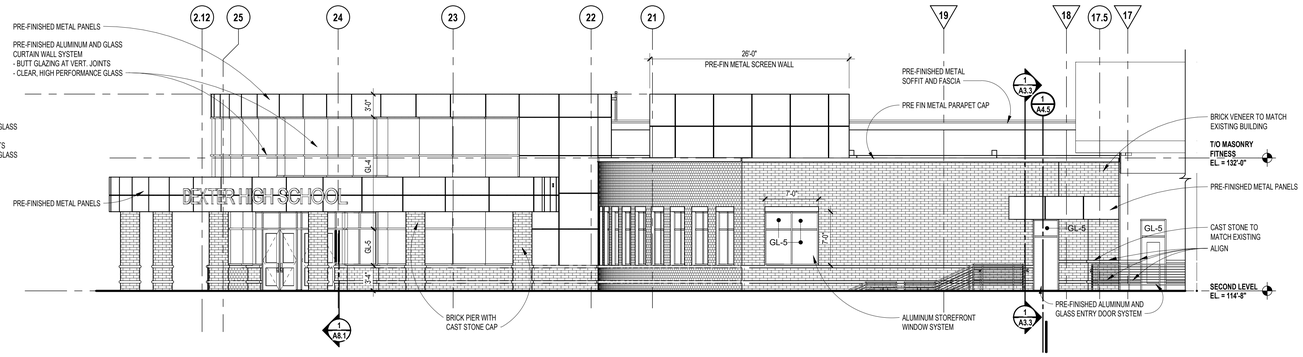
GLAZING TYPES

GL-1	5/16" (8mm) HEAT-STRENGTHENED LAMINATED GLASS
GL-2	1/4" (6mm) CLEAR TEMPERED MONOLITHIC GLASS
GL-3	1/4" (6mm) CLEAR LAMINATED GLASS
GL-4	1" (25mm) CLEAR TEMPERED INSULATED MONOLITHIC GLASS (LOW-E)
GL-5	1" (25mm) CLEAR HEAT-STRENGTHENED LAMINATED INSULATED GLASS (LOW-E)
GL-5a	1" (25mm) CLEAR HEAT-STRENGTHENED LAMINATED INSULATED GLASS (LOW-E) w/ CERAMIC FRIT
SGL-1	1" PREFINISHED, INSULATED METAL PANEL



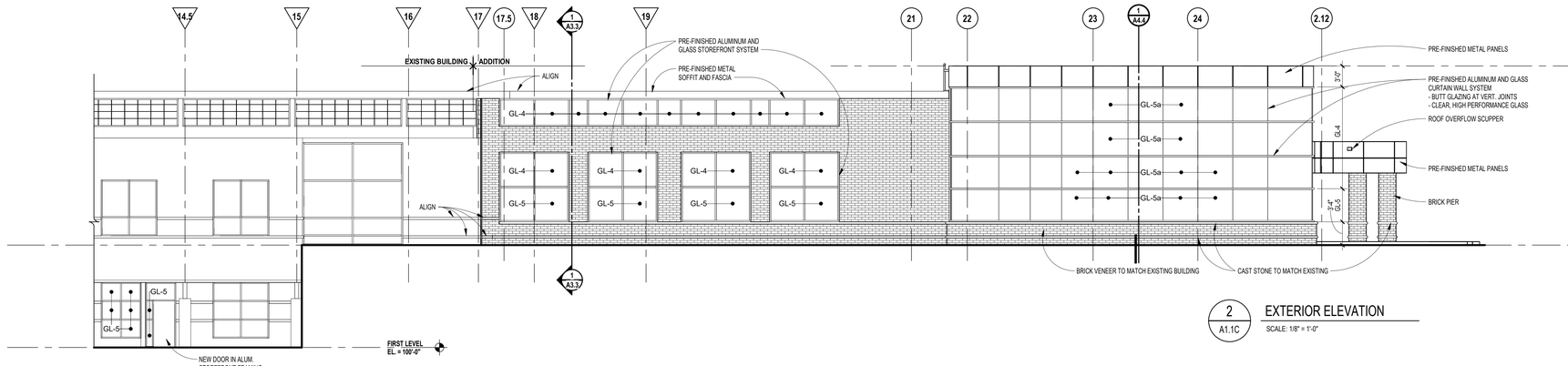
4 A1.2A EXTERIOR ELEVATION

SCALE: 1/8" = 1'-0"



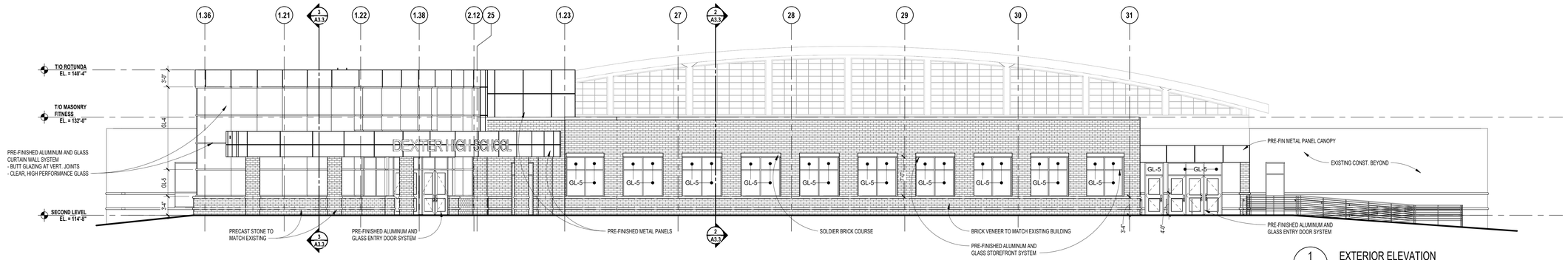
3 A1.2A EXTERIOR ELEVATION

SCALE: 1/8" = 1'-0"



2 A1.1C EXTERIOR ELEVATION

SCALE: 1/8" = 1'-0"



1 A1.2A EXTERIOR ELEVATION

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Exterior Elevations

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
11-24-2025	SCHEMATIC DESIGN REVISIONS
10-17-2025	SCHEMATIC DESIGN

DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

PROJECT NO.

25026D

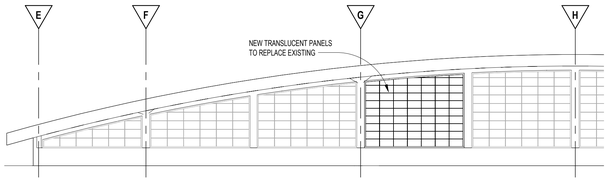
DRAWING NO.

A3.1

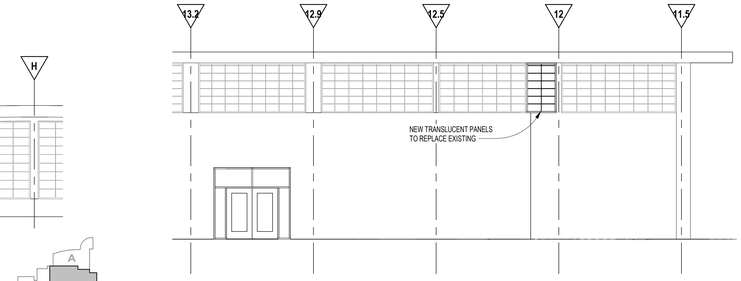
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:32 AM

GLAZING TYPES

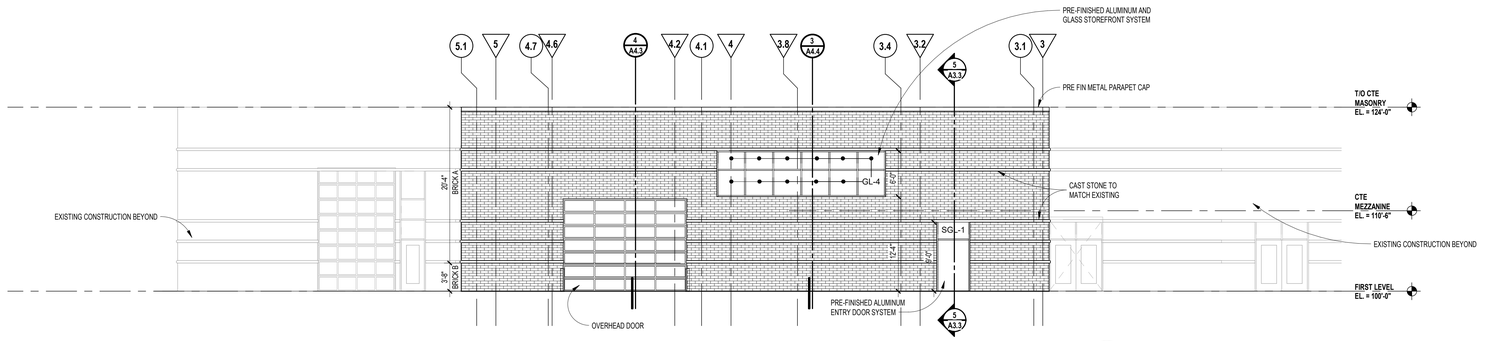
GL-1	5/16" (8mm) HEAT-STRENGTHENED LAMINATED GLASS
GL-2	1/4" (6mm) CLEAR TEMPERED MONOLITHIC GLASS
GL-3	1/4" (6mm) CLEAR LAMINATED GLASS
GL-4	1" (25mm) CLEAR TEMPERED INSULATED MONOLITHIC GLASS (LOW-E)
GL-5	1" (25mm) CLEAR HEAT-STRENGTHENED LAMINATED INSULATED GLASS (LOW-E)
GL-5a	1" (25mm) CLEAR HEAT-STRENGTHENED LAMINATED INSULATED GLASS (LOW-E) w/ CERAMIC FRIT
SGL-1	1" PREFINISHED, INSULATED METAL PANEL



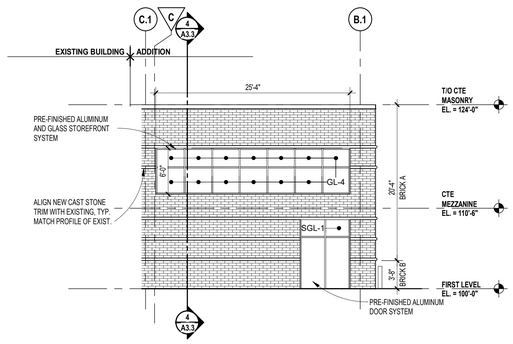
5 PARTIAL SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



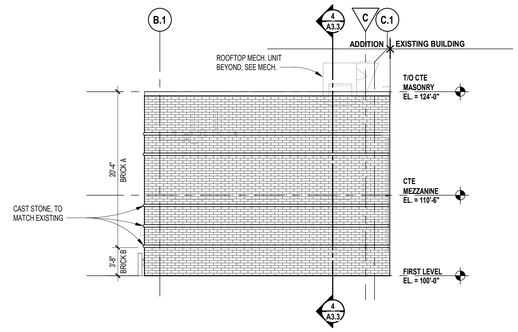
4 PARTIAL WEST ELEVATION
SCALE: 1/8" = 1'-0"



3 WEST ELEVATION
A1.1F
SCALE: 1/8" = 1'-0"



2 NORTH ELEVATION
A1.1F
SCALE: 1/8" = 1'-0"



1 SOUTH ELEVATION
A1.1F
SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Exterior Elevations

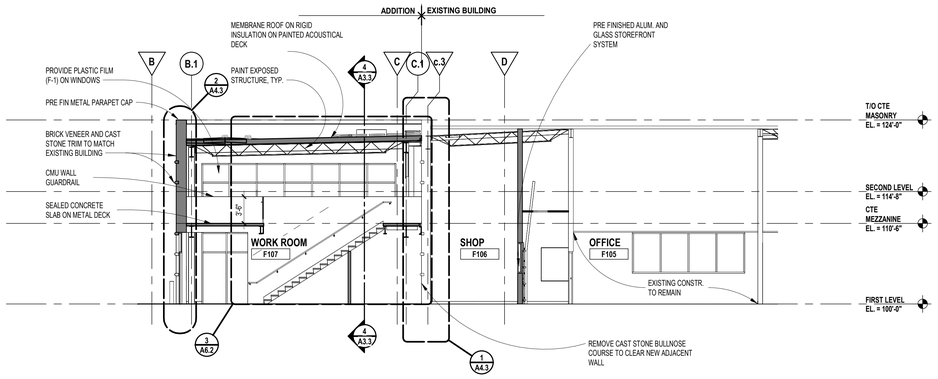
ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
11-24-2025	SCHEMATIC DESIGN REVISIONS
10-17-2025	SCHEMATIC DESIGN
DATE:	ISSUED FOR:
DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

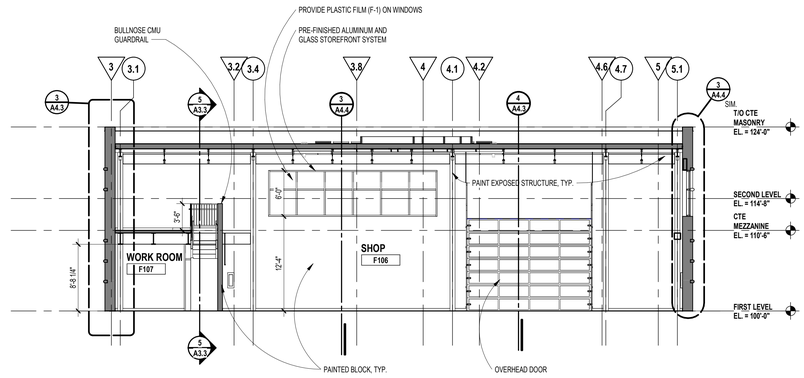
PROJECT NO.
25026D

DRAWING NO.
A3.2

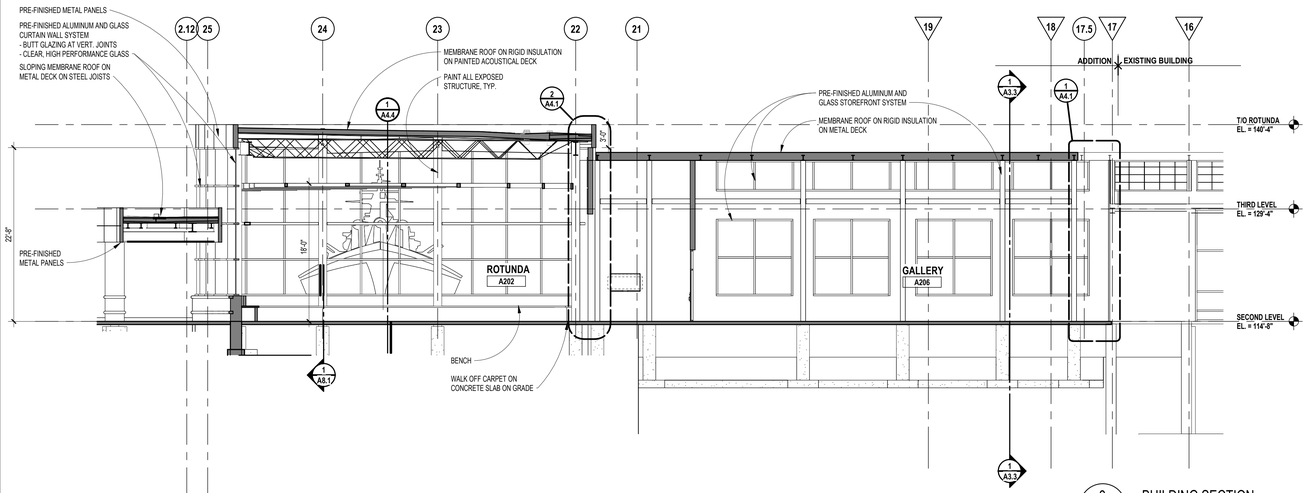
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:34 AM



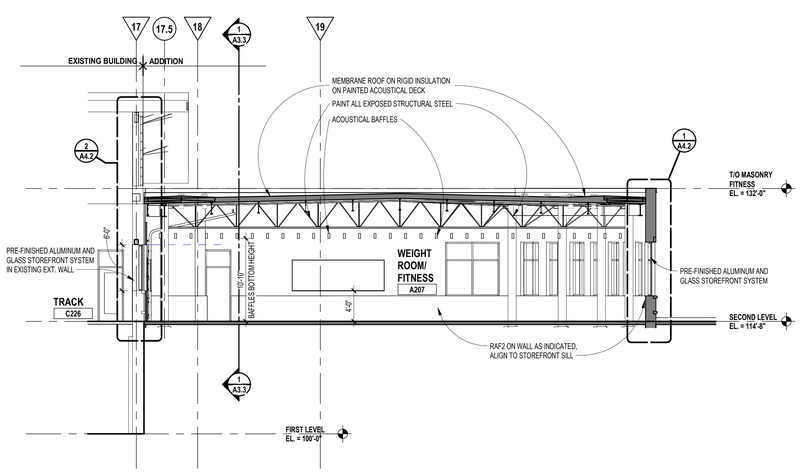
5 A1.1F BUILDING SECTION
SCALE: 1/8" = 1'-0"



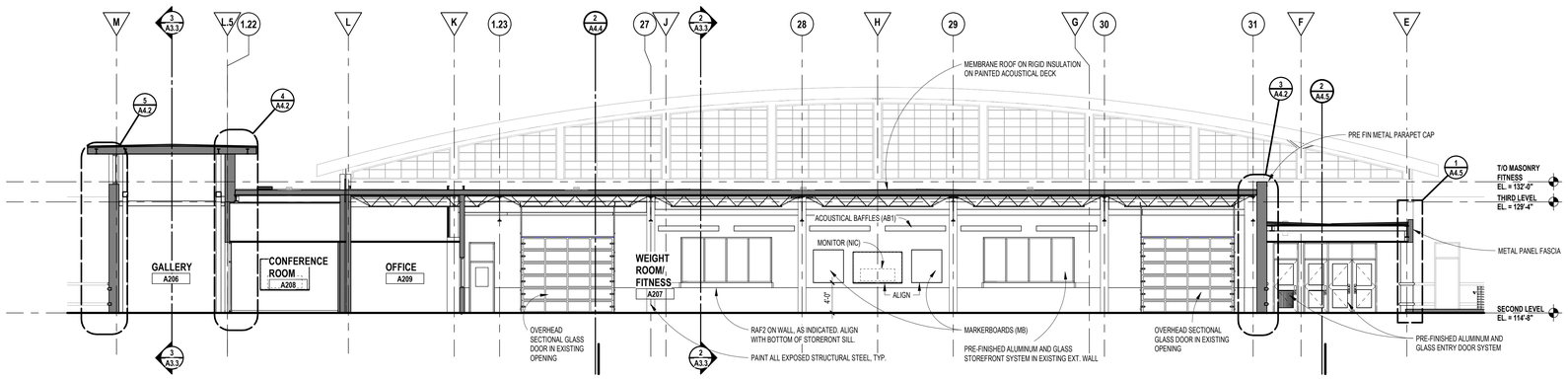
4 A1.1F BUILDING SECTION
SCALE: 1/8" = 1'-0"



3 A1.1A BUILDING SECTION
SCALE: 1/8" = 1'-0"



2 A1.1A BUILDING SECTION
SCALE: 1/8" = 1'-0"



1 A1.2A BUILDING SECTION
SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Building Sections

ISSUE DATES

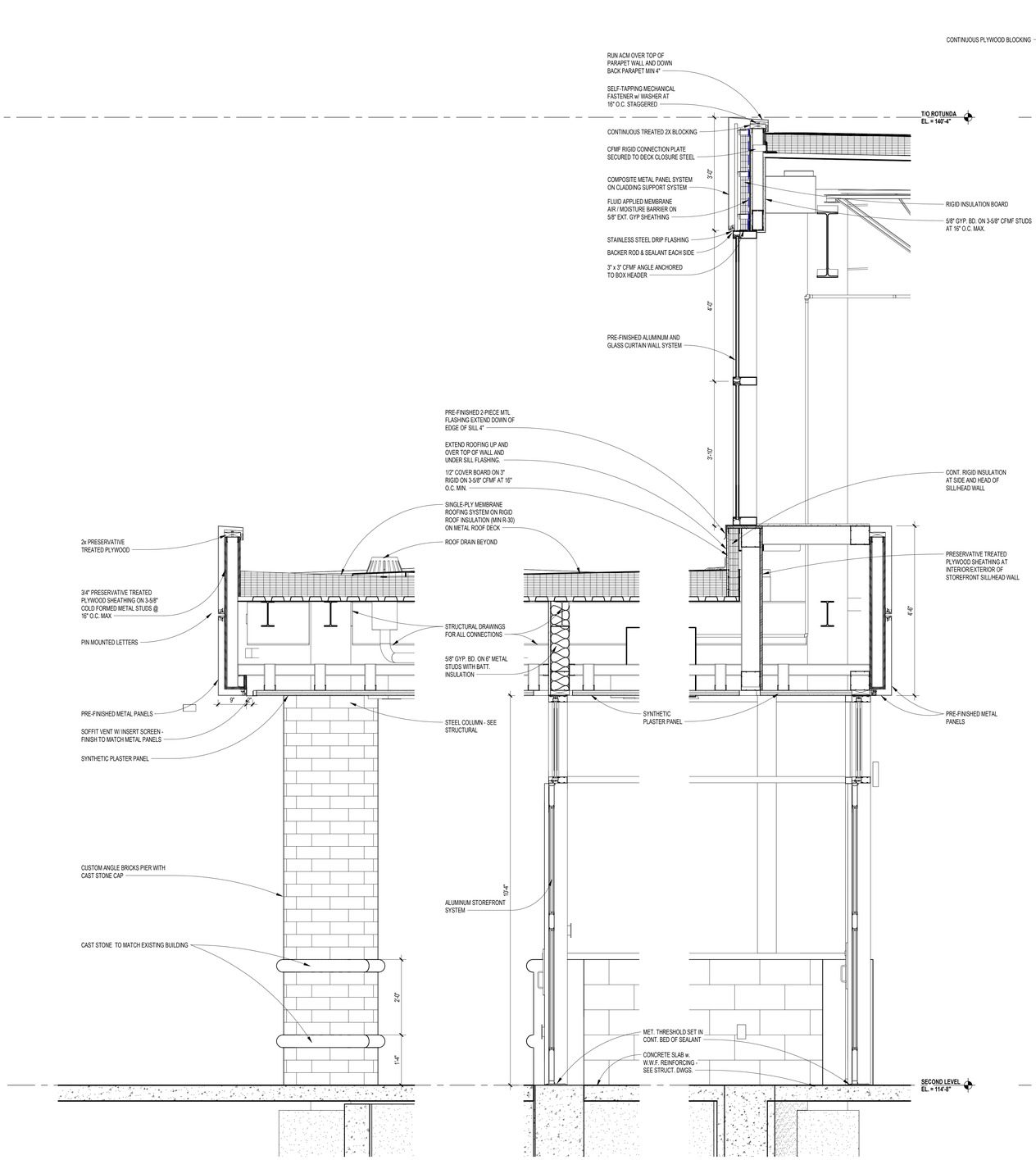
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
11-24-2025	SCHEMATIC DESIGN REVISIONS
10-17-2025	SCHEMATIC DESIGN
DATE:	ISSUED FOR:

DRAWN	MRF
CHECKED	MCL
APPROVED	DWL

PROJECT NO.
25026D

DRAWING NO.
A3.3

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:38 AM



3 / A1.2A — SECTION THRU VESTIBULE
SCALE: 3/4" = 1'-0"

2 / A3.3 — WALL SECTION
SCALE: 3/4" = 1'-0"

1 / A3.3 — WALL SECTION
SCALE: 3/4" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Wall Sections

ISSUE DATES

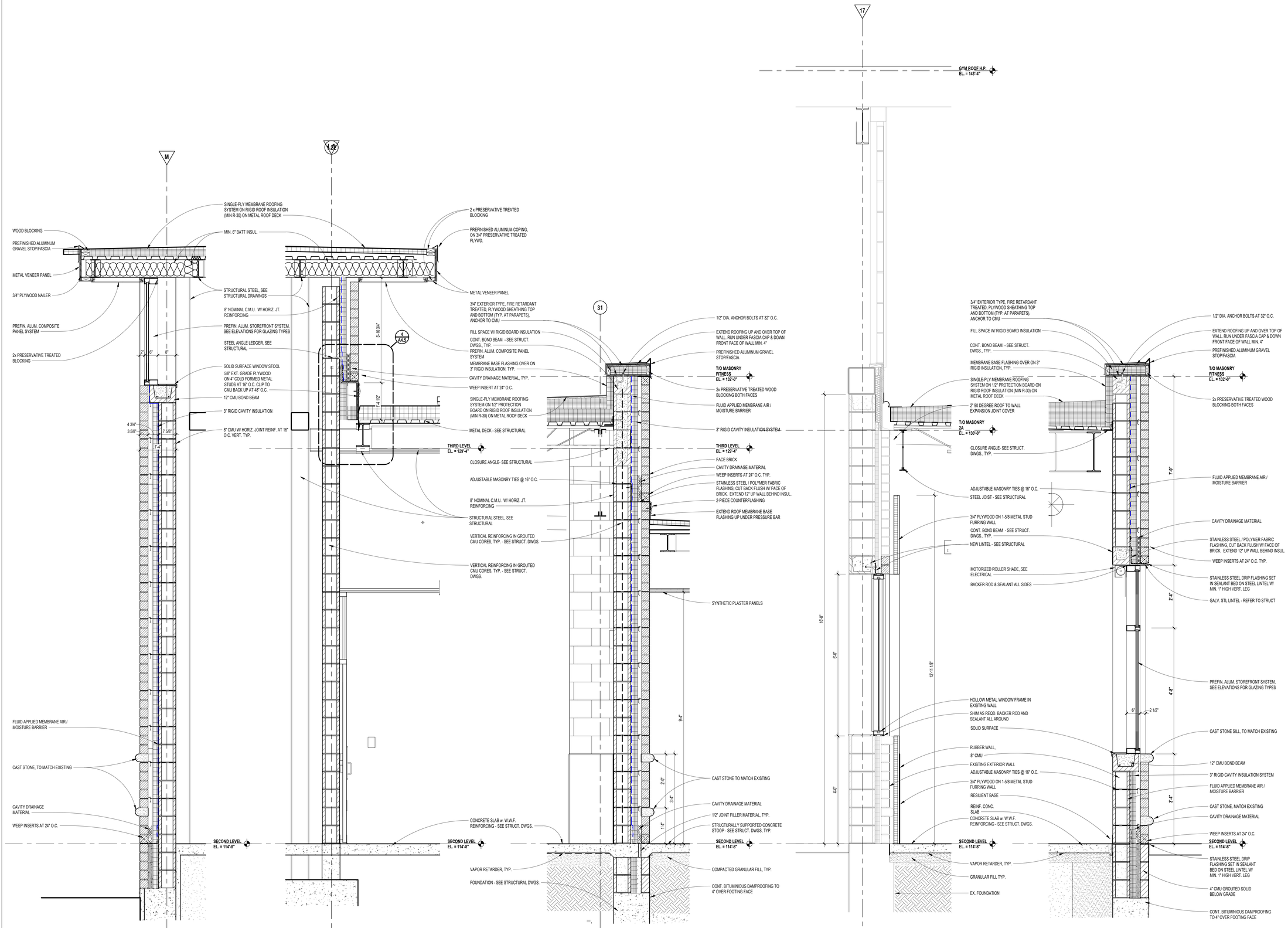
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	EK
CHECKED	MCL
APPROVED	DWL

PROJECT NO.
25026D

DRAWING NO.
A4.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:41 AM



TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, Michigan

DRAWING TITLE

Wall Sections

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	EK
CHECKED	MCL
APPROVED	DWL

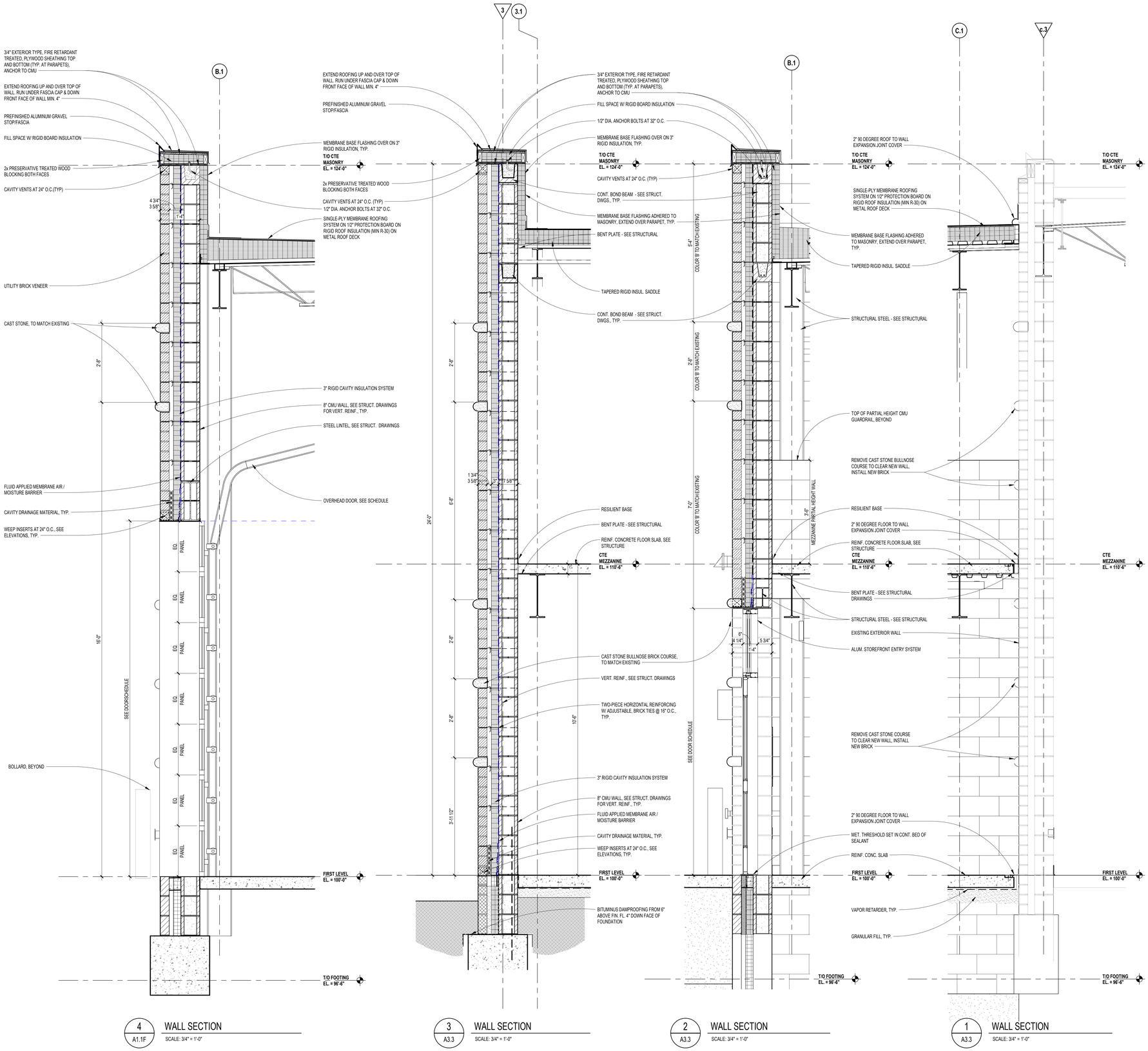
PROJECT NO.

25026D

DRAWING NO.

A4.2

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:43 AM



TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, Michigan

DRAWING TITLE

Wall Sections

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	EK
CHECKED	MCL
APPROVED	DWL

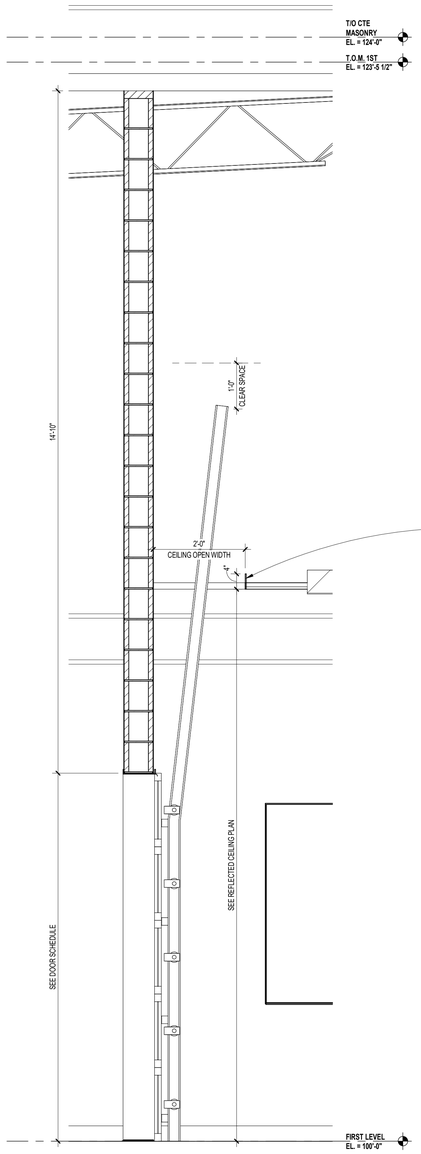
PROJECT NO.

25026D

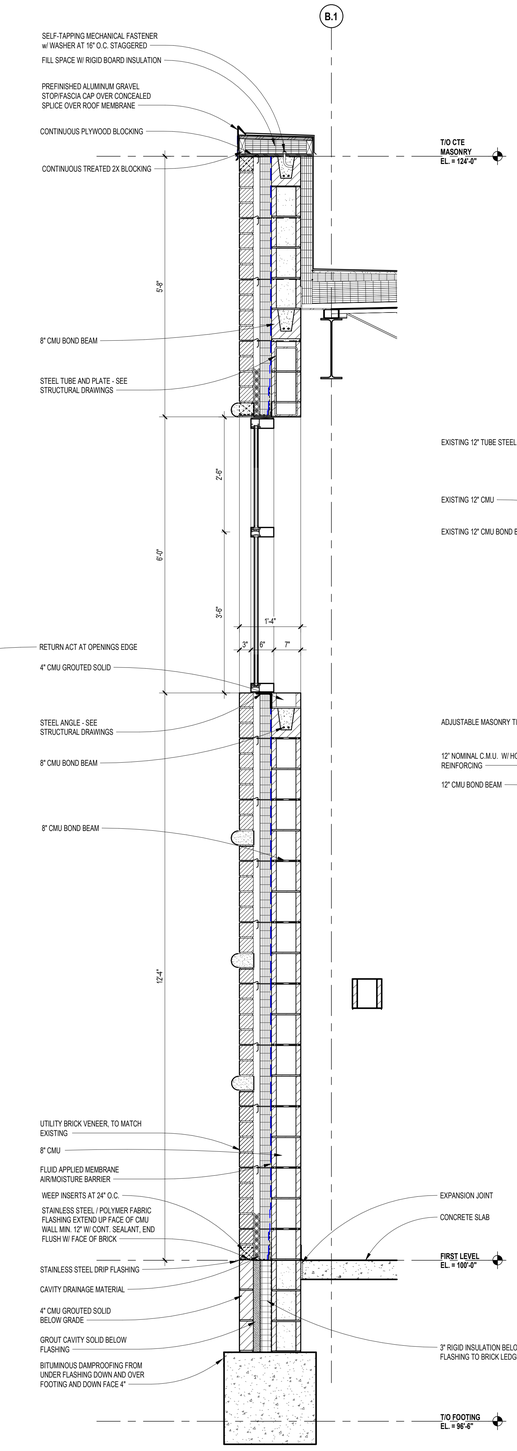
DRAWING NO.

A4.3

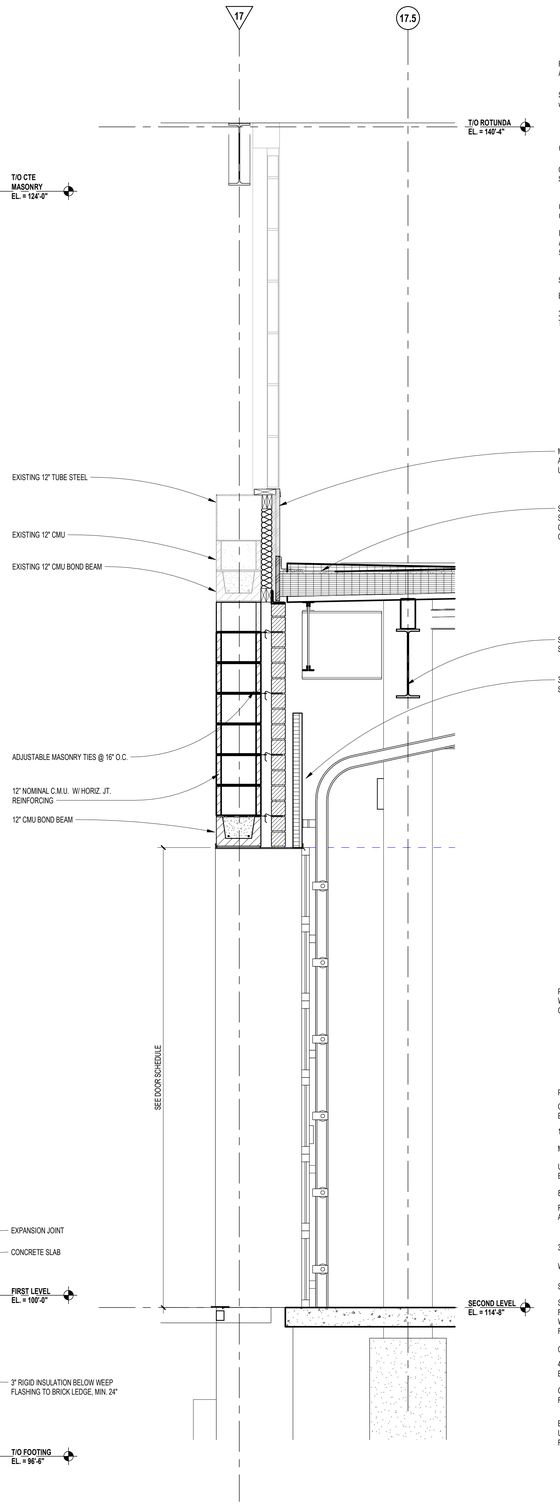
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:45 AM



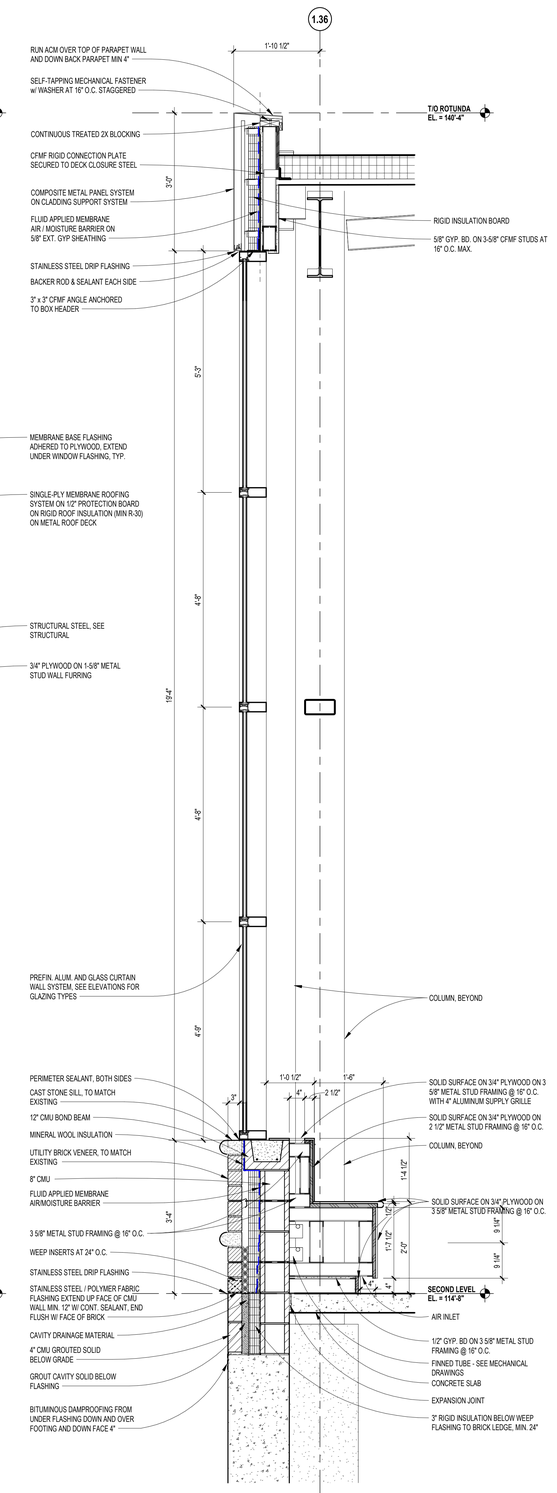
4 A1.1F WALL SECTION
SCALE: 3/4" = 1'-0"



3 A1.1F WALL SECTION
SCALE: 3/4" = 1'-0"



2 A1.2A WALL SECTION
SCALE: 3/4" = 1'-0"



1 A1.2A WALL SECTION
SCALE: 3/4" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, Michigan

DRAWING TITLE

Wall Sections

ISSUE DATES

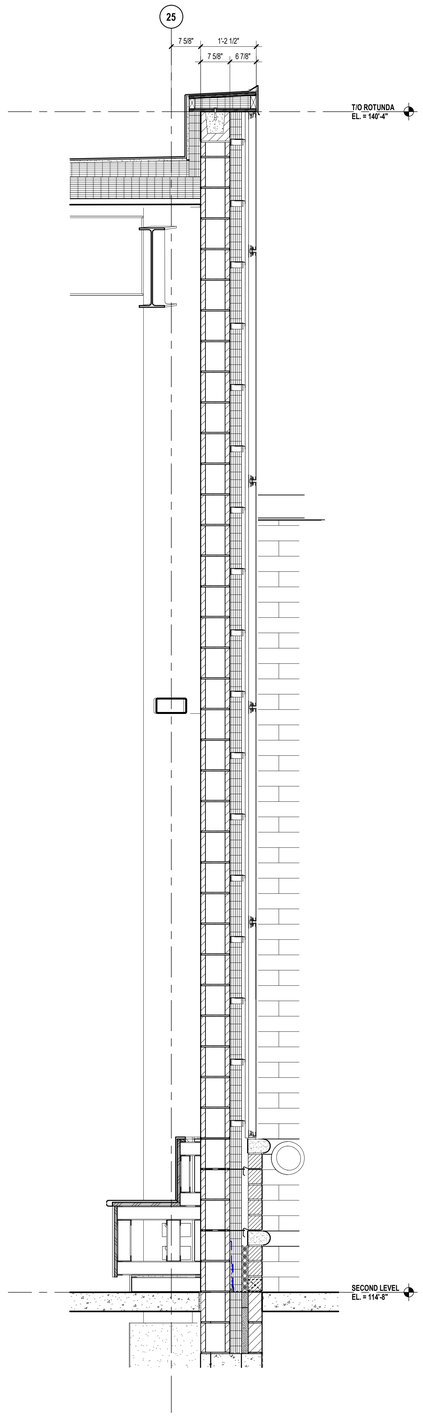
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	EK
CHECKED	MCL
APPROVED	DWL

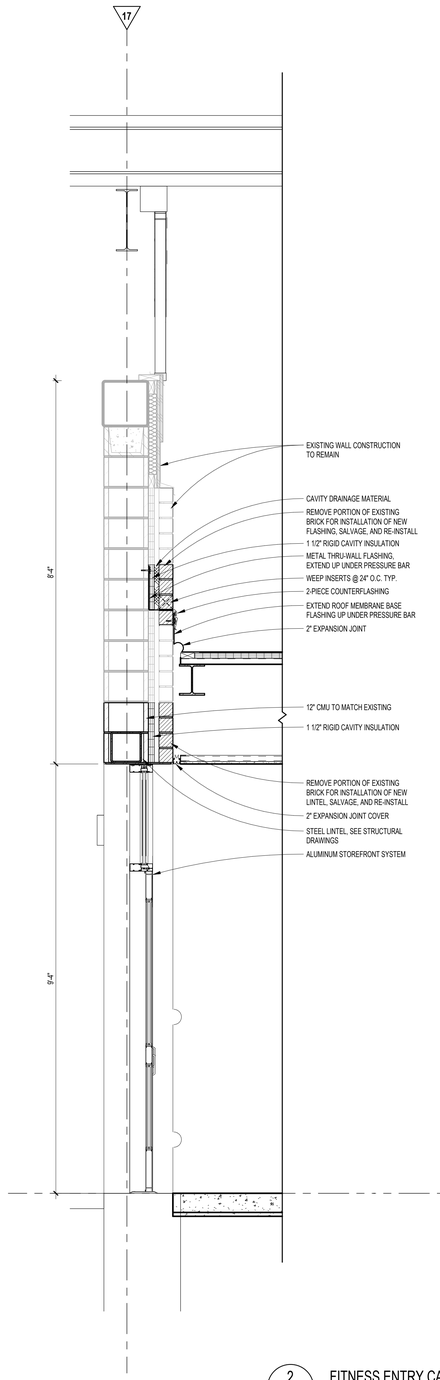
PROJECT NO.
25026D

DRAWING NO.
A4.4

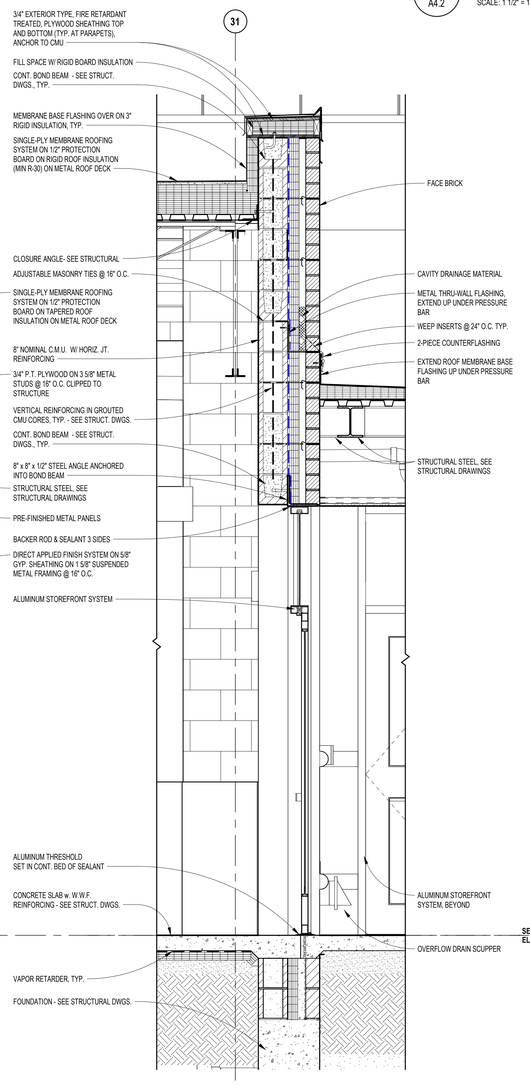
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:47 AM



3 A1.2A WALL SECTION
SCALE: 3/4" = 1'-0"



2 A1.2A FITNESS ENTRY CANOPY
SCALE: 3/4" = 1'-0"



1 A1.2A FITNESS ENTRY CANOPY
SCALE: 3/4" = 1'-0"

4 A4.2 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, Michigan

DRAWING TITLE

Wall Sections

ISSUE DATES

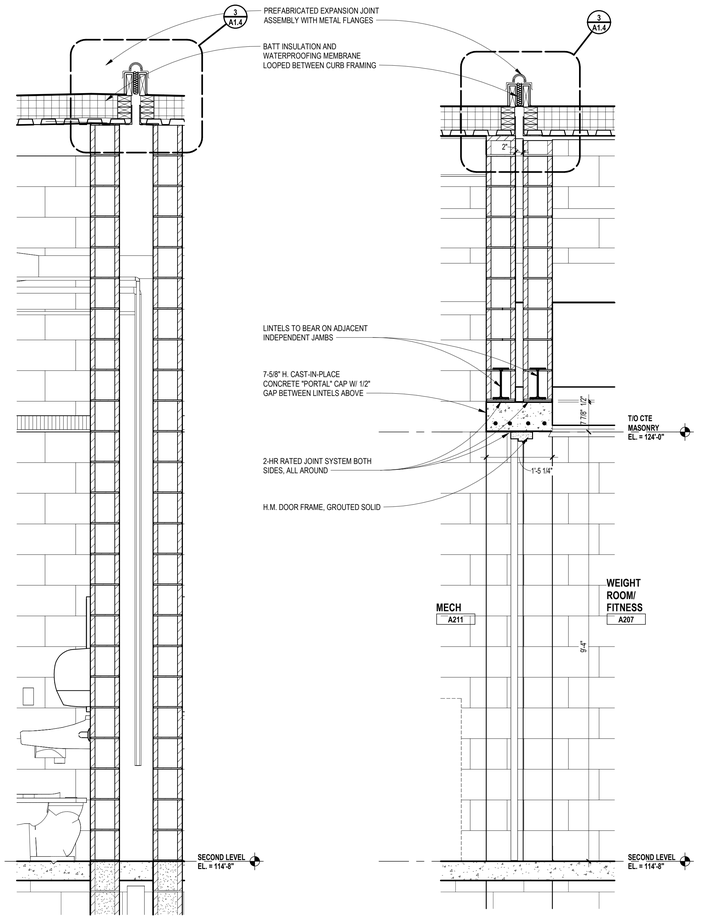
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW

DRAWN	EK
CHECKED	MCL
APPROVED	DWL

PROJECT NO.
25026D

DRAWING NO.
A4.5

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:49 AM



2 / A6.1 WALL SECTION
SCALE: 3/4" = 1'-0"

1 / A1.2A WALL SECTION
SCALE: 3/4" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, Michigan

DRAWING TITLE

Wall Sections

ISSUE DATES

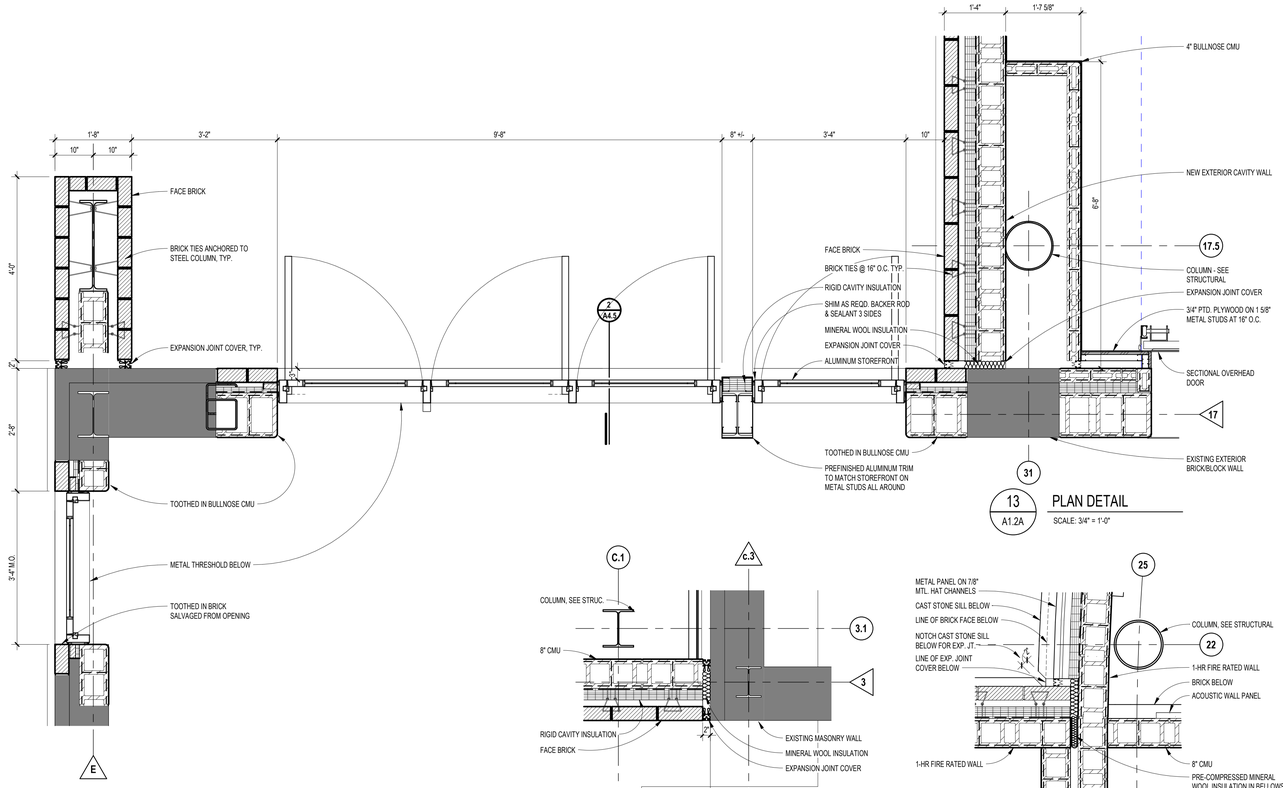
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	EK
CHECKED	MCL
APPROVED	DWL

PROJECT NO.
25026D

DRAWING NO.
A4.6

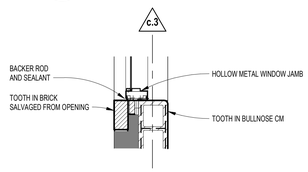
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:50 AM



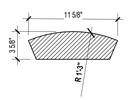
13 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"

16 A1.1F PLAN DETAIL
SCALE: 3/4" = 1'-0"

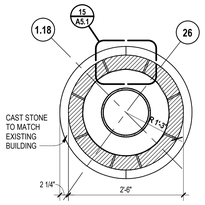
12 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"



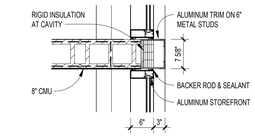
18 A1.1F PLAN DETAIL
SCALE: 3/4" = 1'-0"



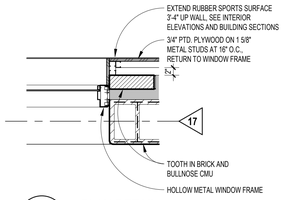
15 A5.1 SPECIAL BRICK SHAPE
SCALE: 1 1/2" = 1'-0"



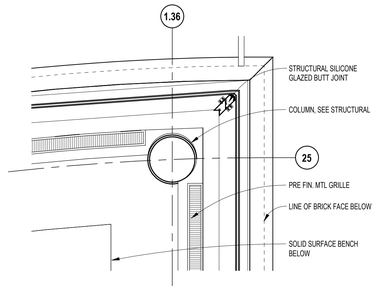
11 A6.1 PLAN DETAIL
SCALE: 3/4" = 1'-0"



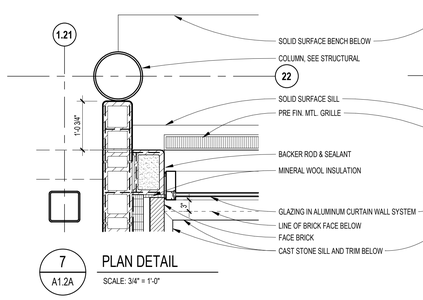
9 A1.1C PLAN DETAIL
SCALE: 3/4" = 1'-0"



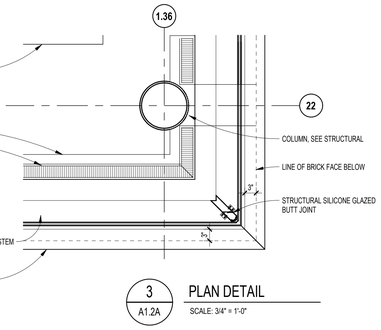
8 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"



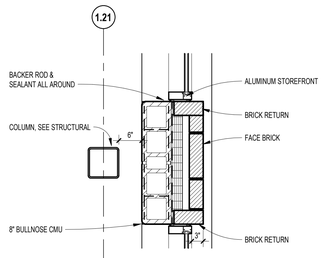
4 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"



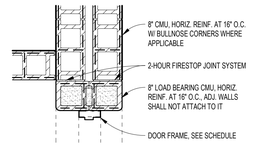
7 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"



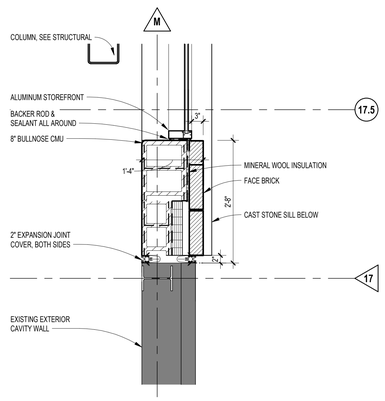
3 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"



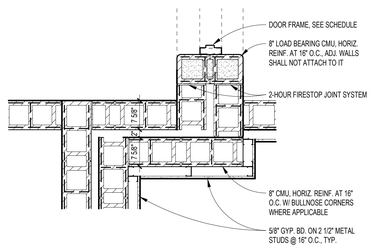
6 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"



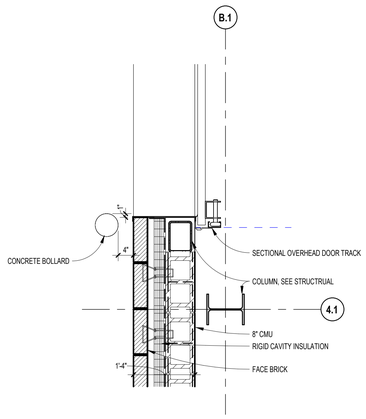
2 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"



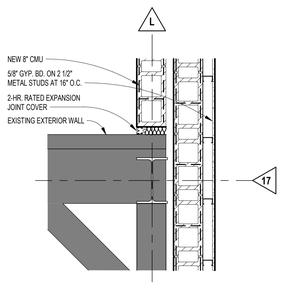
5 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"



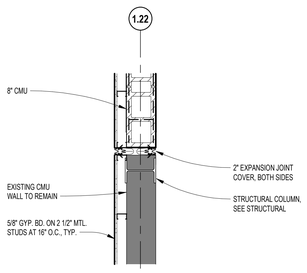
1 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"



17 A1.1F PLAN DETAIL
SCALE: 3/4" = 1'-0"



14 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"



10 A1.2A PLAN DETAIL
SCALE: 3/4" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Plan Details

ISSUE DATES

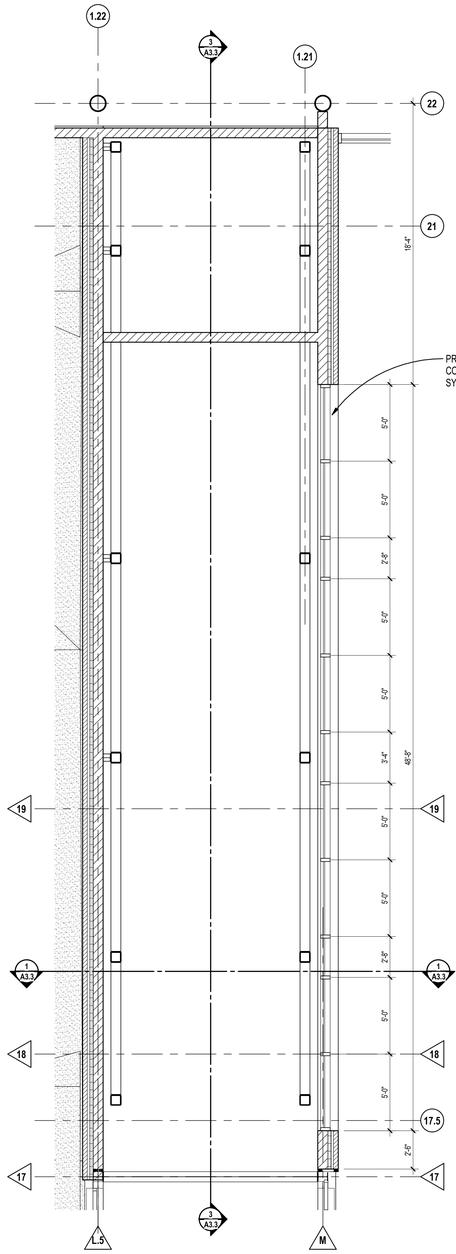
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	MRF/EK
CHECKED	MCL
APPROVED	DWL

PROJECT NO.
25026D

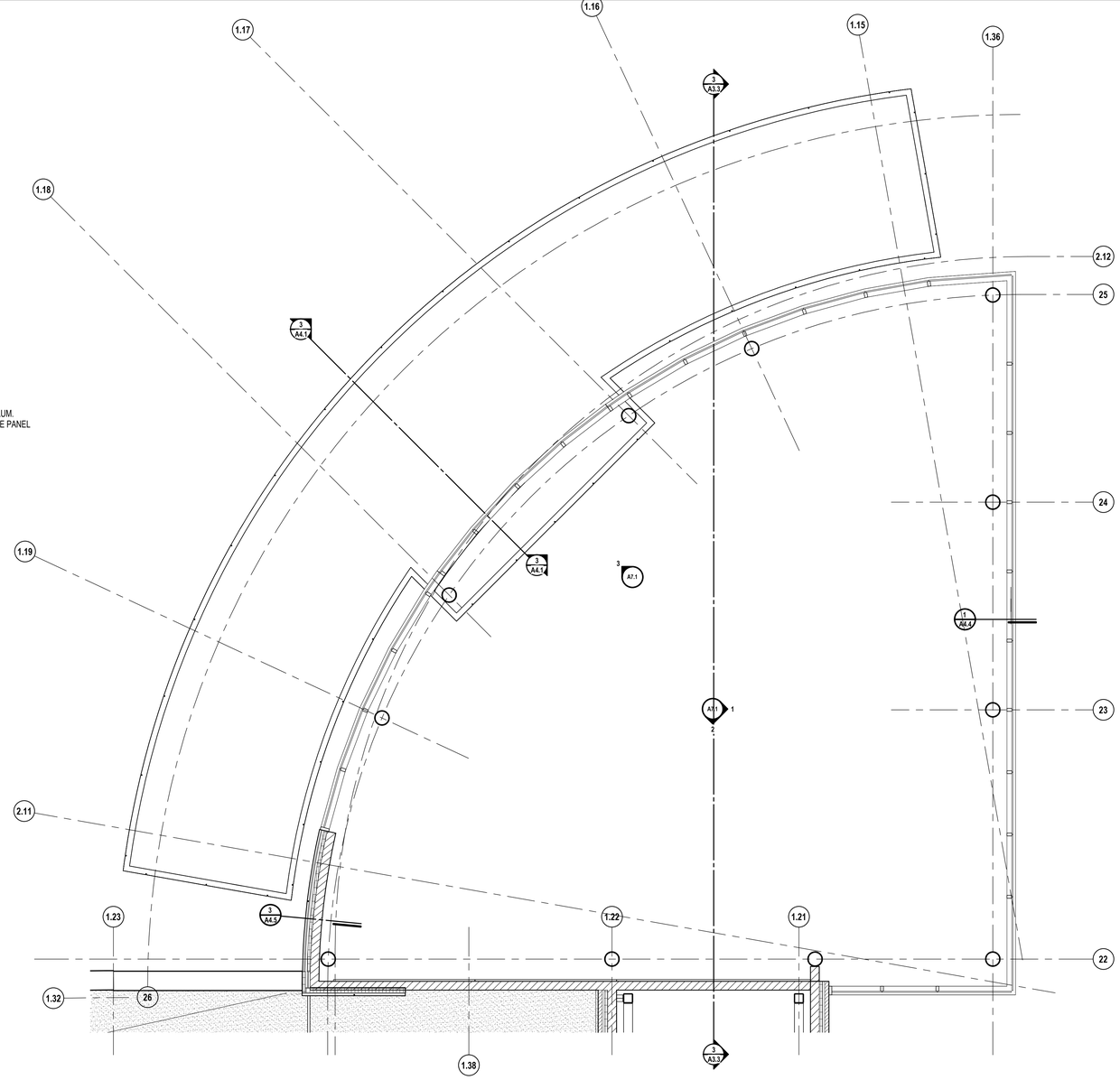
DRAWING NO.
A5.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:55 AM



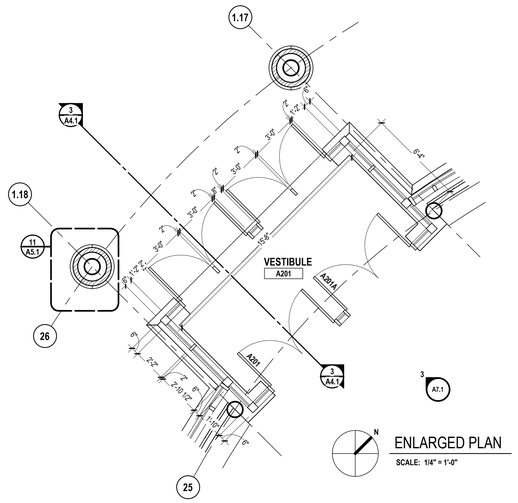
ENLARGED PLAN

SCALE: 1/4" = 1'-0"



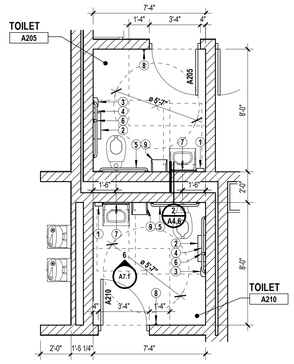
ENLARGED PLAN

SCALE: 1/4" = 1'-0"



ENLARGED PLAN

SCALE: 1/4" = 1'-0"



ENLARGED PLAN

SCALE: 1/4" = 1'-0"

ACCESSORIES LEGEND

1. SURFACE-MOUNTED , LIQUID SOAP DISPENSER (40 OZ. CAPACITY). (BOTTOM OF UNIT 4" ABOVE LAVATORY RIM OR COUNTER).
2. SURFACE-MOUNTED, DOUBLE ROLL, TOILET PAPER HOLDER.
3. SURFACE-MOUNTED, SANITARY NAPKIN DISPOSAL UNIT.
4. GRAB BAR (42" LONG).
5. GRAB BAR (36" LONG).
6. GRAB BAR (18" LONG).
7. CHANNEL FRAME MIRROR (18" W x 36" H).
8. COAT HOOK.
9. SURFACE-MOUNTED PAPER TOWEL DISPENSER.

GENERAL NOTES

1. MOUNTING HEIGHTS AND POSITIONING SHALL BE AS INDICATED ON GENERAL INFORMATION SHEET (TG.1), U.O.N.

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Enlarged Floor Plans

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	MRF/EK
CHECKED	MCL
APPROVED	DWL

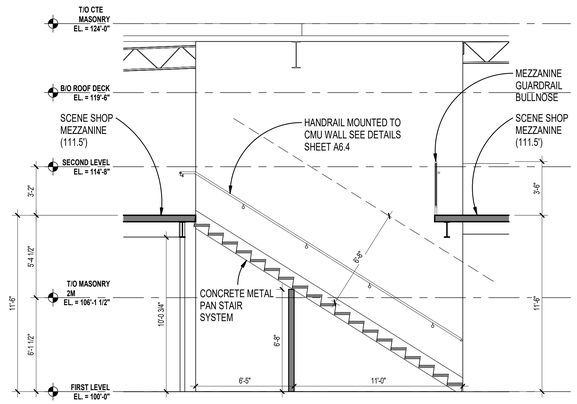
PROJECT NO.

25026D

DRAWING NO.

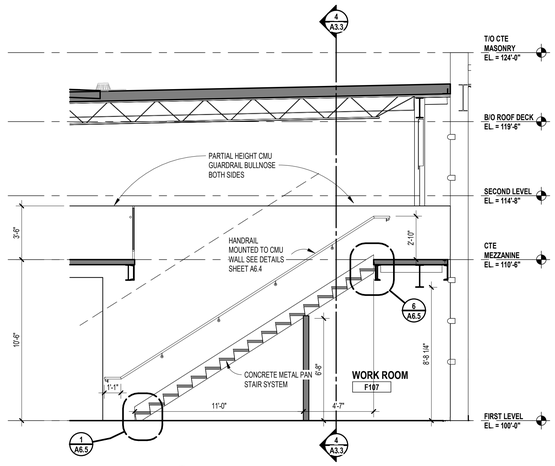
A6.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:57 AM



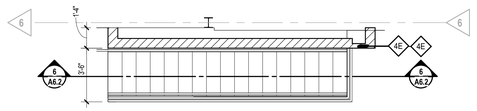
6 A1.1F SCENE SHOP STAIR SECTION

SCALE: 1/4" = 1'-0"



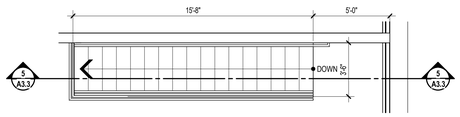
3 A3.3 ENLARGED SHOP STAIR SECTION

SCALE: 1/4" = 1'-0"



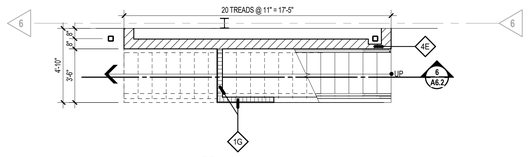
5 A1.1F SCENE SHOP STAIR MEZZANINE

SCALE: 1/4" = 1'-0"



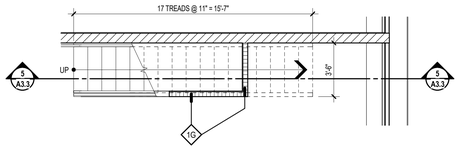
2 A1.1F ENLARGED SHOP STAIR PLAN (MEZZANINE)

SCALE: 1/4" = 1'-0"



4 A1.1F SCENE SHOP STAIR FIRST LEVEL

SCALE: 1/4" = 1'-0"



1 A1.1F ENLARGED SHOP STAIR PLAN (FIRST LEVEL)

SCALE: 1/4" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Stair Plans, Sections, and Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	EK / JM
CHECKED	MCL
APPROVED	DWL

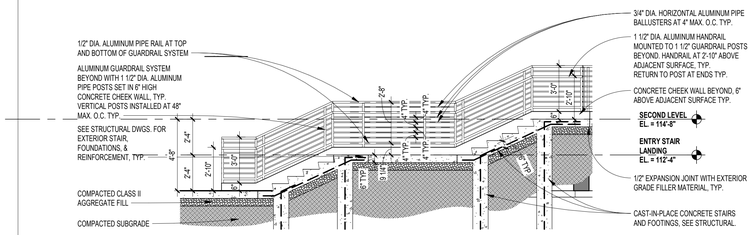
PROJECT NO.

25026D

DRAWING NO.

A6.2

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:03:59 AM



4 A6.3 ENTRY STAIR

SCALE: 1/4" = 1'-0"

2 A6.3 ENTRY RAMP UPPER SECTION

SCALE: 1/4" = 1'-0"

3 A1.2A EXTERIOR RAMP/STAIR ENLARGED PLAN - MAIN ENTRY

SCALE: 1/4" = 1'-0"

1 A1.1A ENTRY RAMP LOWER PORTION

SCALE: 1/4" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Exterior Ramp & Stair Plans, Sections, & Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	ASH
CHECKED	MCL
APPROVED	DWL

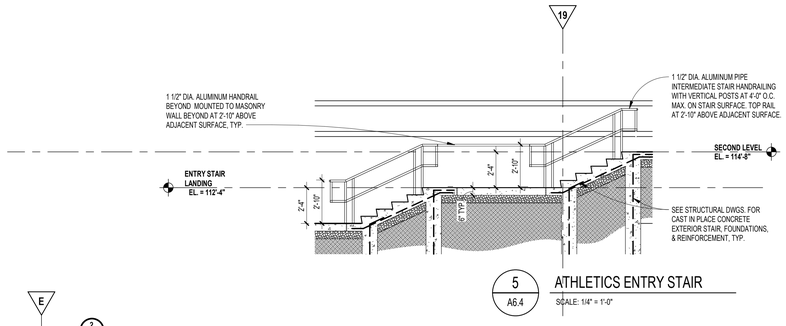
PROJECT NO.

25026D

DRAWING NO.

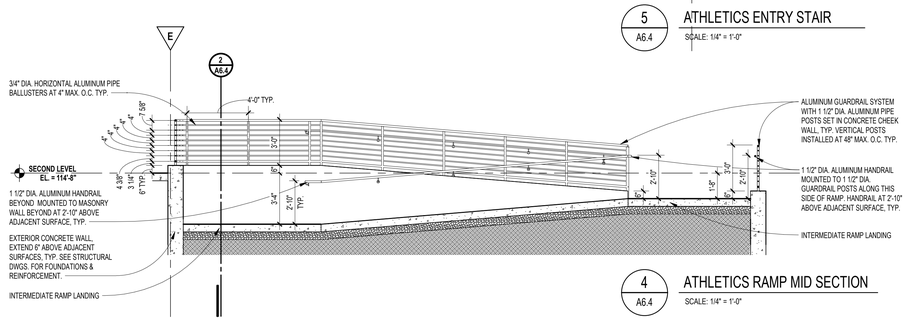
A6.3

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:02 AM



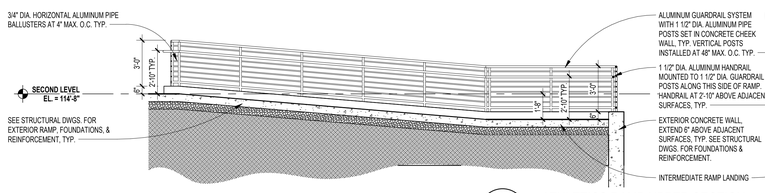
5 A6.4 ATHLETICS ENTRY STAIR

SCALE: 1/4" = 1'-0"



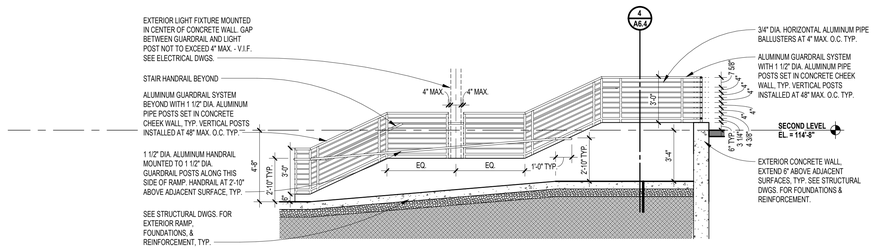
4 A6.4 ATHLETICS RAMP MID SECTION

SCALE: 1/4" = 1'-0"



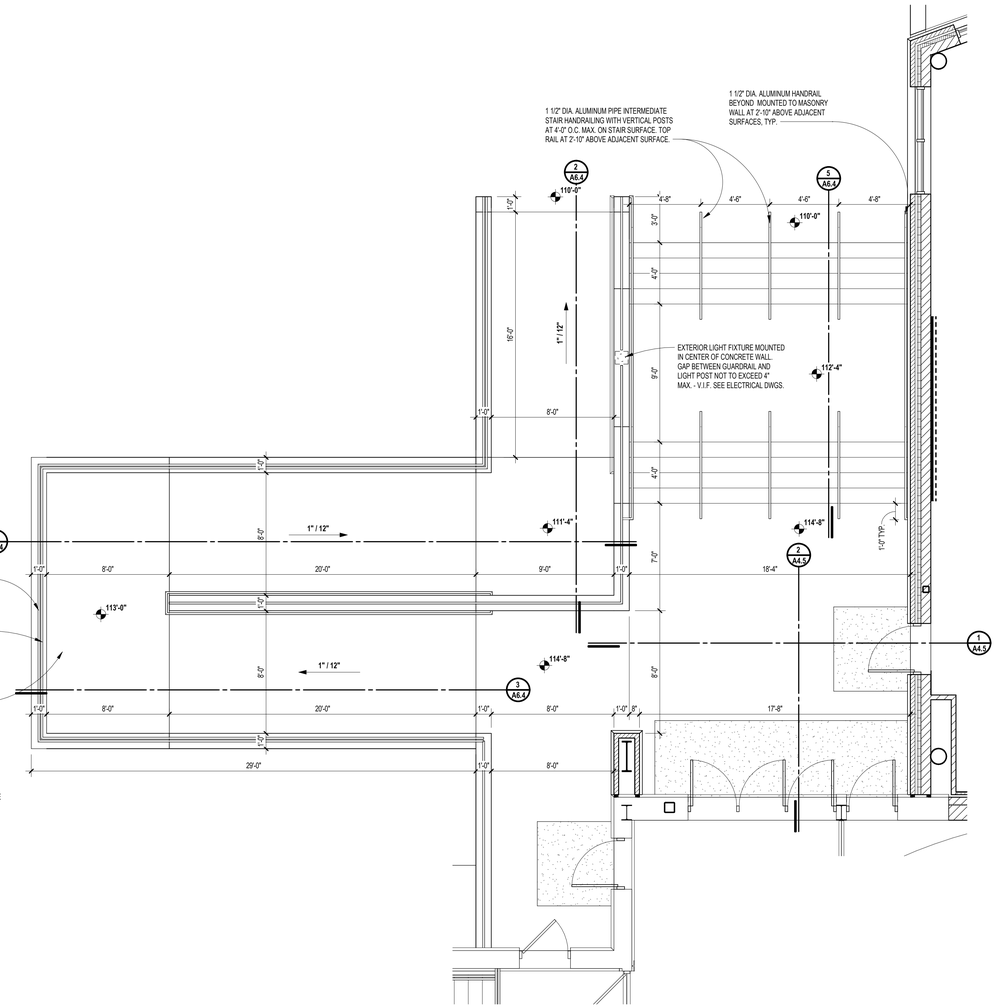
3 A1.3C ATHLETICS RAMP UPPER SECTION

SCALE: 1/4" = 1'-0"



2 A1.1A ATHLETICS RAMP LOWER SECTION

SCALE: 1/4" = 1'-0"



1 A1.2A EXTERIOR RAMP/STAIR ENLARGED PLAN - ATHLETICS ENTRY

SCALE: 1/4" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Exterior Ramp & Stair Plans, Sections, & Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	ASH
CHECKED	MCL
APPROVED	DWL

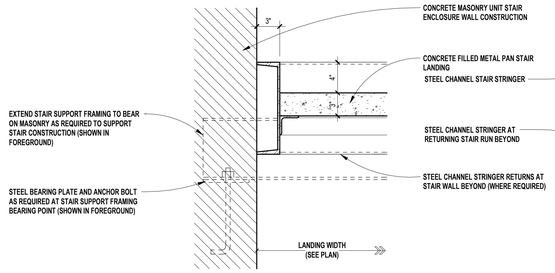
PROJECT NO.

25026D

DRAWING NO.

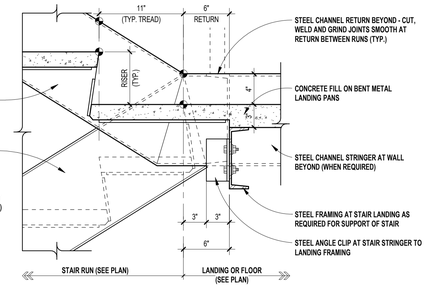
A6.4

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:03 AM



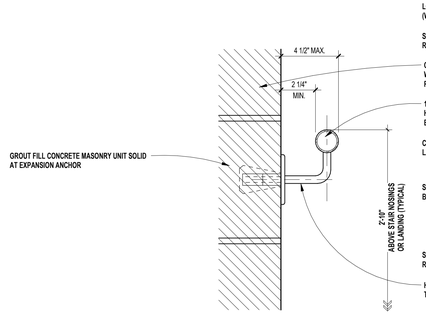
11 DETAIL AT INTERMEDIATE STAIR LANDING

SCALE: 1 1/2" = 1'-0"



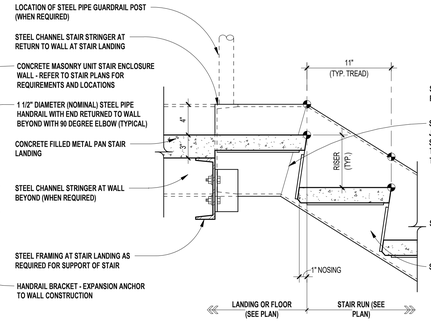
4 DETAIL AT INTERMEDIATE LANDING AND RETURN

SCALE: 1 1/2" = 1'-0"



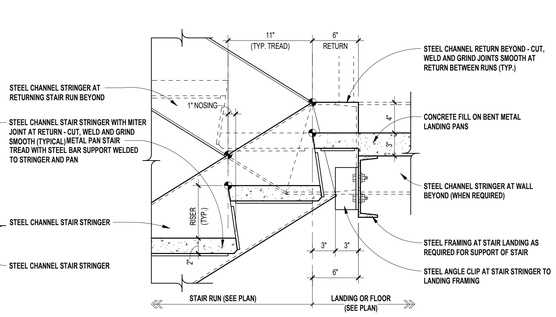
9 DETAIL AT HANDRAIL BRACKET

SCALE: 3" = 1'-0"



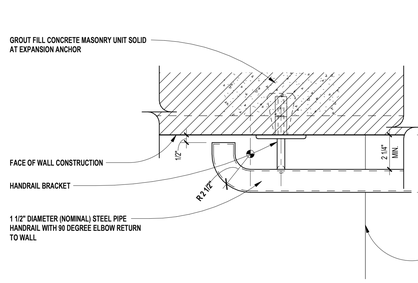
10 DETAIL AT UPPER STAIR RUN AND LANDING

SCALE: 1 1/2" = 1'-0"



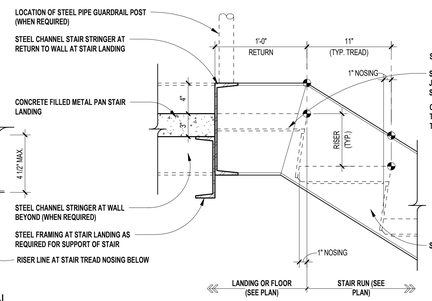
3 DETAIL AT INTERMEDIATE LANDING AND RETURN

SCALE: 1 1/2" = 1'-0"



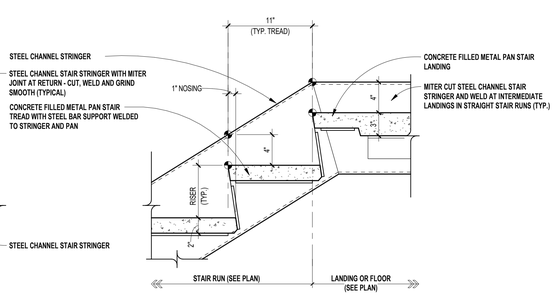
8 DETAIL AT HANDRAIL END RETURN

SCALE: 3" = 1'-0"



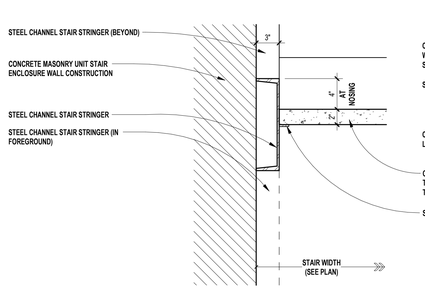
6 DETAIL AT UPPER STAIR RUN AND LANDING

SCALE: 1 1/2" = 1'-0"



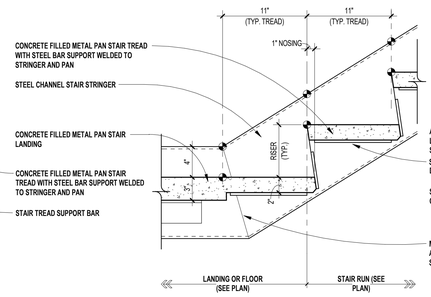
2 DETAIL AT INTERMEDIATE LANDING

SCALE: 1 1/2" = 1'-0"



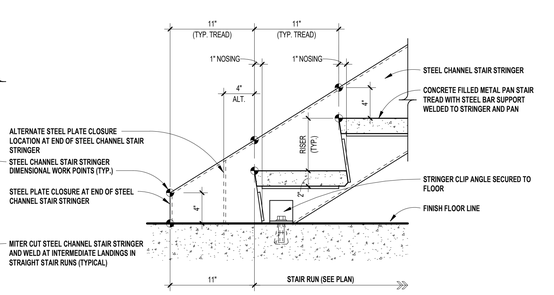
7 DETAIL AT STAIR STRINGER AND STAIR TREAD

SCALE: 1 1/2" = 1'-0"



5 DETAIL AT INTERMEDIATE STAIR RUN LANDING

SCALE: 1 1/2" = 1'-0"



1 DETAIL AT BASE OF STAIR RUN

SCALE: 1 1/2" = 1'-0"

GENERAL STAIR CONSTRUCTION NOTES & REQUIREMENTS

1. STAIR FABRICATOR/CONTRACTOR/MANUFACTURER IS RESPONSIBLE TO STRUCTURALLY DESIGN ALL STAIRS BASED UPON APPLICABLE CODES FOR EACH STAIR CONFIGURATION. STAIR SHOP DRAWINGS MUST BE PRODUCED AND STAMPED BY A REGISTERED STRUCTURAL ENGINEER AND SUBMITTED TO ARCHITECT AS SPECIFIED.
2. SIZE OF STRINGERS, SIZES OF GUARDRAIL AND HANDRAIL COMPONENTS, AND SPACING OF VERTICAL POSTS AND BALUSTERS SHOWN ON THE DRAWINGS ARE AESTHETIC MINIMUMS. THE STAIR FABRICATOR SHALL AUGMENT THE DESIGN OF THE STAIR COMPONENTS AS REQUIRED TO MEET THE PERFORMANCE REQUIREMENTS SPECIFIED IN SECTION 05500 OF THE PROJECT SPECIFICATIONS.
3. LANDING SUPORT MEMBERS WHEN PART OF THE STAIR CONSTRUCTION SHALL BE DESIGNED AND SIZED BY THE STAIR FABRICATOR'S STRUCTURAL ENGINEER. LANDING SUPPORT MEMBERS WHEN PART OF THE BUILDING FRAMING WILL BE DESIGNED BY THE ARCHITECT'S STRUCTURAL ENGINEER AND WILL BE INDICATED ON THE STRUCTURAL FRAMING PLANS OF THE PROJECT.

GENERAL STAIR NOTE

1. PAINT ALL METAL COMPONENTS OF STAIR EXPOSED TO VIEW (INCLUDING UNDERSIDE OF STAIRS AND LANDINGS).

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:05 AM

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Stair Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

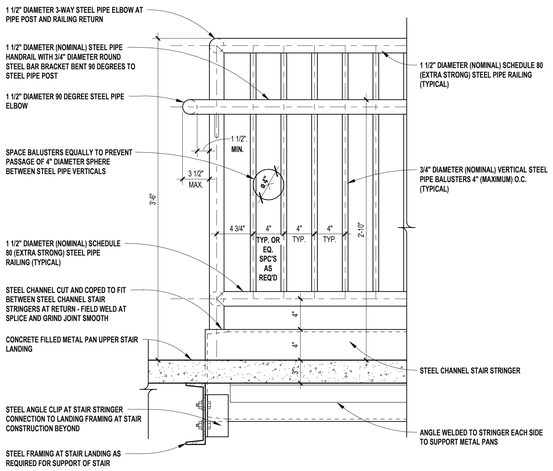
DRAWN	JM
CHECKED	MCL
APPROVED	DWL

PROJECT NO.

25026D

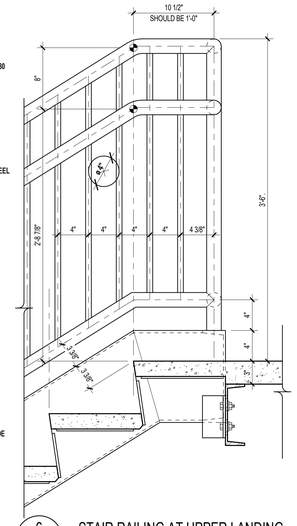
DRAWING NO.

A6.5



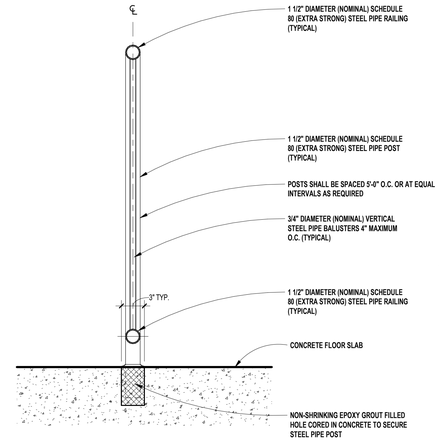
9 STAIR RAILING AT LANDING

SCALE: 1 1/2" = 1'-0"



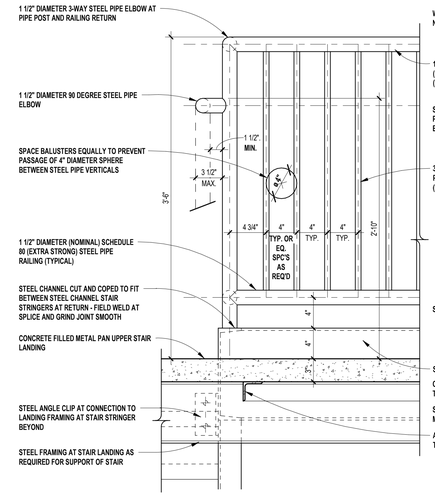
6 STAIR RAILING AT UPPER LANDING

SCALE: 1 1/2" = 1'-0"



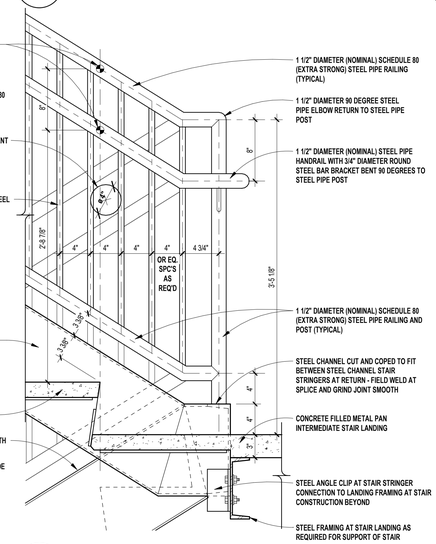
3 PIPE POST GUARDRAIL FLOOR ANCHORAGE

SCALE: 1 1/2" = 1'-0"



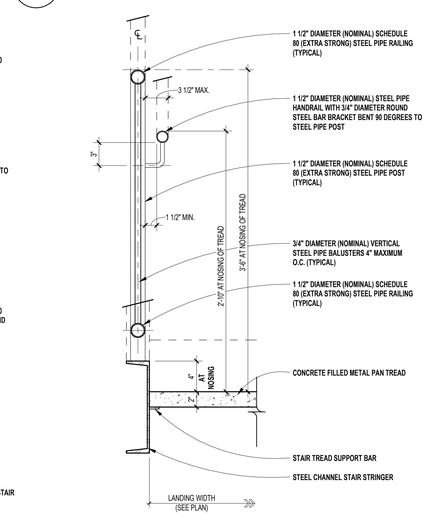
8 STAIR RAILING AT LANDING

SCALE: 1 1/2" = 1'-0"



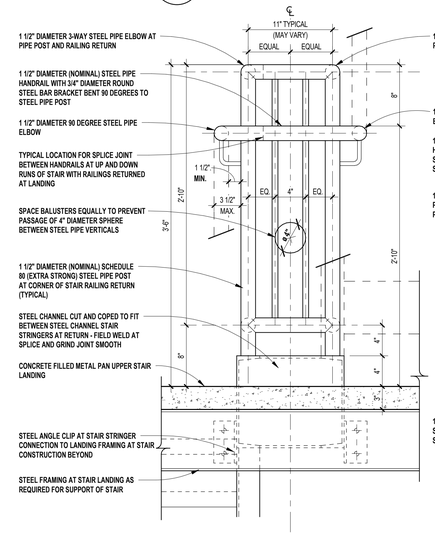
5 STAIR RAILING AT INTERMEDIATE LANDING1

SCALE: 1 1/2" = 1'-0"



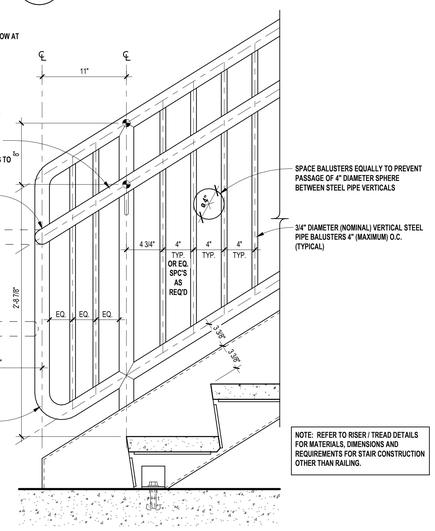
2 GUARDRAIL AT STAIR RAILING WITH HANDRAIL

SCALE: 1 1/2" = 1'-0"



7 STAIR RAILING AT RETURN BETWEEN STAIR RUNS

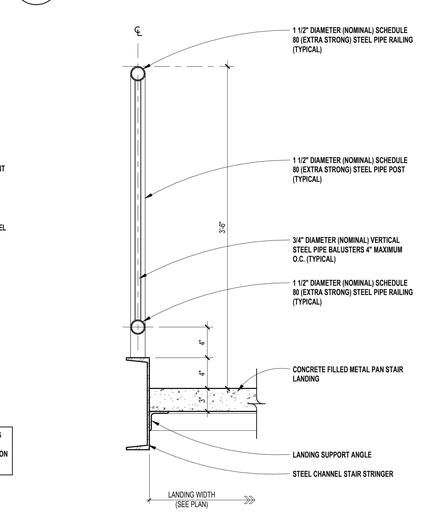
SCALE: 1 1/2" = 1'-0"



NOTE: REFER TO RISER / TREAD DETAILS FOR MATERIALS, DIMENSIONS AND REQUIREMENTS FOR STAIR CONSTRUCTION OTHER THAN RAILING.

4 STAIR RAILING AT BASE OF STAIR RUN1

SCALE: 1 1/2" = 1'-0"



1 GUARDRAIL AT STAIR LANDING

SCALE: 1 1/2" = 1'-0"

GENERAL STAIR CONSTRUCTION NOTES & REQUIREMENTS

1. STAIR FABRICATOR/CONTRACTOR/MANUFACTURER IS RESPONSIBLE TO STRUCTURALLY DESIGN ALL STAIRS BASED UPON APPLICABLE CODES FOR EACH STAIR CONFIGURATION. STAIR SHOP DRAWINGS MUST BE PRODUCED AND STAMPED BY A REGISTERED STRUCTURAL ENGINEER AND SUBMITTED TO ARCHITECT AS SPECIFIED.
2. SIZE OF STRINGERS, SIZES OF GUARDRAIL AND HANDRAIL COMPONENTS, AND SPACING OF VERTICAL POSTS AND BALUSTERS SHOWN ON THE DRAWINGS ARE AESTHETIC MINIMUMS. THE STAIR FABRICATOR SHALL AUGMENT THE DESIGN OF THE STAIR COMPONENTS AS REQUIRED TO MEET THE PERFORMANCE REQUIREMENTS SPECIFIED IN SECTION 05500 OF THE PROJECT SPECIFICATIONS.
3. LANDING SUPPORT MEMBERS WHEN PART OF THE STAIR CONSTRUCTION SHALL BE DESIGNED AND SIZED BY THE STAIR FABRICATOR'S STRUCTURAL ENGINEER. LANDING SUPPORT MEMBERS WHEN PART OF THE BUILDING FRAMING WILL BE DESIGNED BY THE ARCHITECT'S STRUCTURAL ENGINEER AND WILL BE INDICATED ON THE STRUCTURAL FRAMING PLANS OF THE PROJECT.

GENERAL STAIR NOTE

1. PAINT ALL METAL COMPONENTS OF STAIR EXPOSED TO VIEW (INCLUDING UNDERSIDE OF STAIRS AND LANDINGS).

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:05 AM

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Stair Railing Details

ISSUE DATES

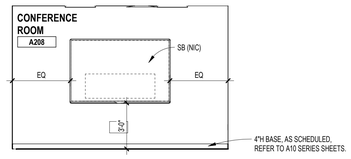
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
DATE:	ISSUED FOR:
DRAWN	B. PITT
CHECKED	MCL
APPROVED	DL

PROJECT NO.

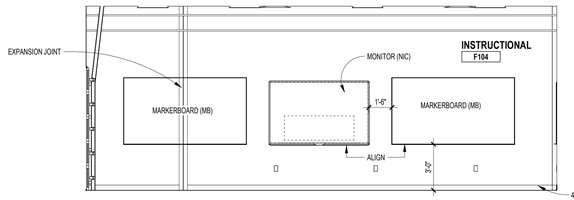
25026D

DRAWING NO.

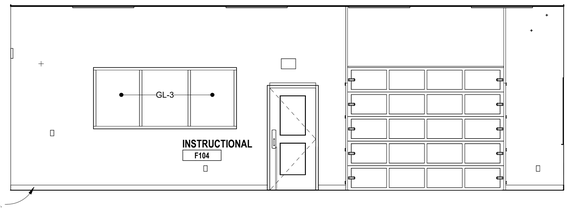
A6.6



11 A1.2A INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



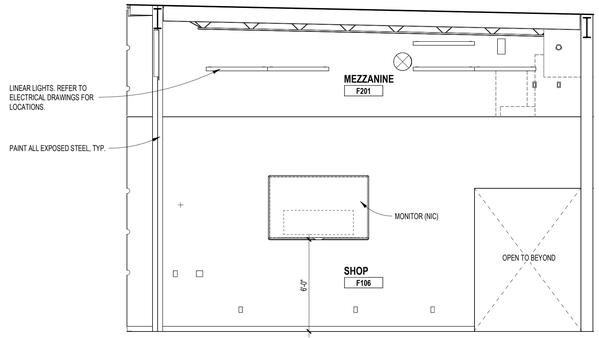
10 A1.1F INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



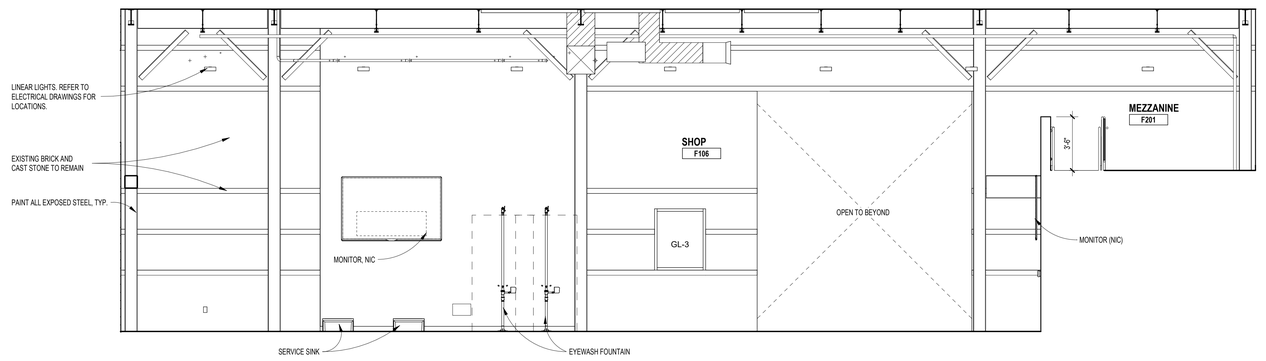
9 A1.1F INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

GLAZING TYPES

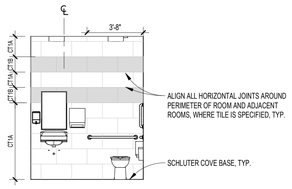
GL-1	5/16" (8mm) HEAT-STRENGTHENED LAMINATED GLASS
GL-2	1/4" (6mm) CLEAR TEMPERED MONOLITHIC GLASS
GL-3	1/4" (6mm) CLEAR LAMINATED GLASS
GL-4	1" (25mm) CLEAR TEMPERED INSULATED MONOLITHIC GLASS (LOW-E)
GL-5	1" (25mm) CLEAR HEAT-STRENGTHENED LAMINATED INSULATED GLASS (LOW-E)
GL-5a	1" (25mm) CLEAR HEAT-STRENGTHENED LAMINATED INSULATED GLASS (LOW-E) w/ CERAMIC FRIT
SGL-1	1" PREFINISHED, INSULATED METAL PANEL



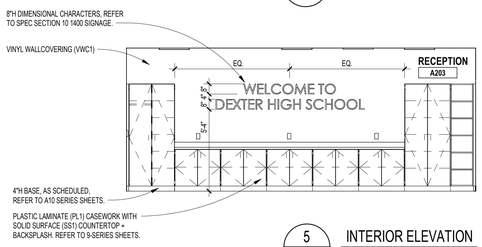
8 A1.1F INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



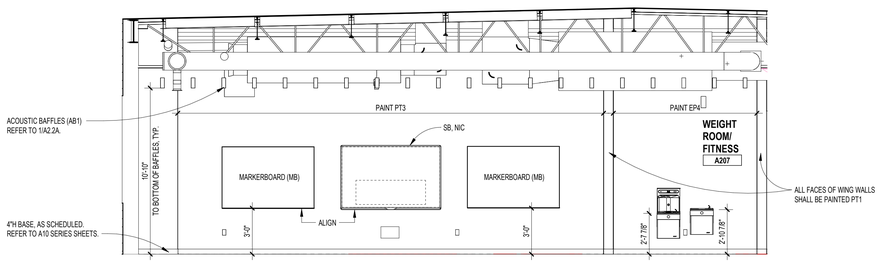
7 A1.1F INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



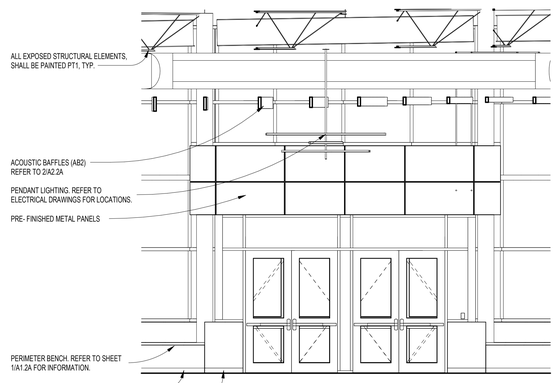
6 A1.2A INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



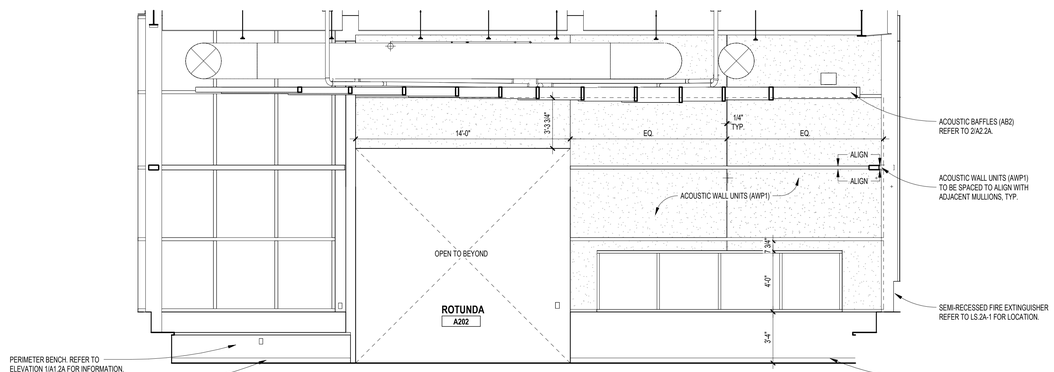
5 A6.1 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



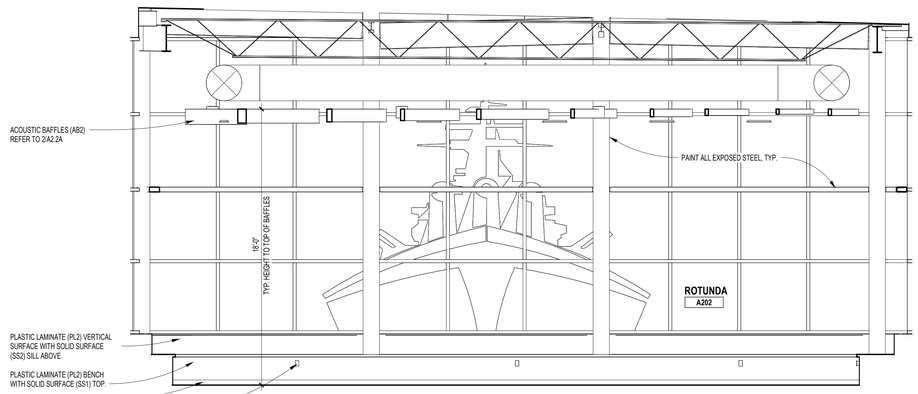
4 A1.2A INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



3 A1.2A INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



2 A1.2A INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



1 A1.2A INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Interior Elevations

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	MRF/EK/AR
CHECKED	MCL
APPROVED	DWL

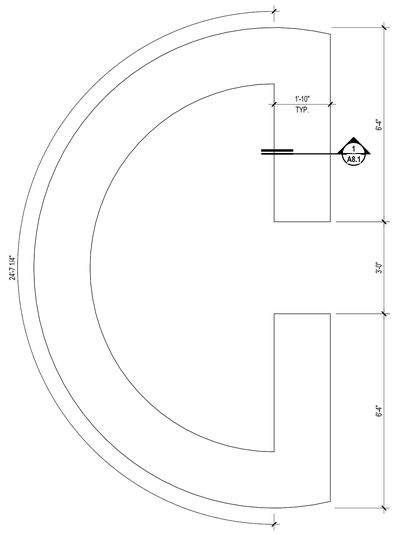
PROJECT NO.

25026D

DRAWING NO.

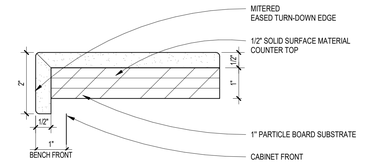
A7.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:10 AM



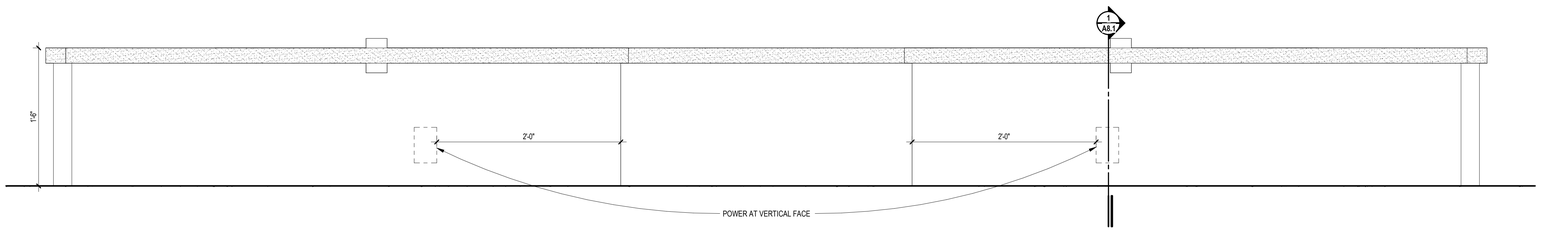
4 A9.2A ENLARGED PLAN - BENCH AT ROTUNDA

SCALE: 1/2" = 1'-0"



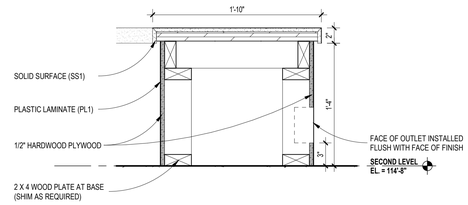
3 MILLWORK DETAIL - BENCH AT ROTUNDA

SCALE: 6" = 1'-0"



2 A1.2A INTERIOR ELEVATION - BENCH AT ROTUNDA

SCALE: 1 1/2" = 1'-0"



1 A1.2A MILLWORK SECTION - BENCH AT ROTUNDA

SCALE: 1 1/2" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Millwork Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	AR
CHECKED	SW
APPROVED	DWL

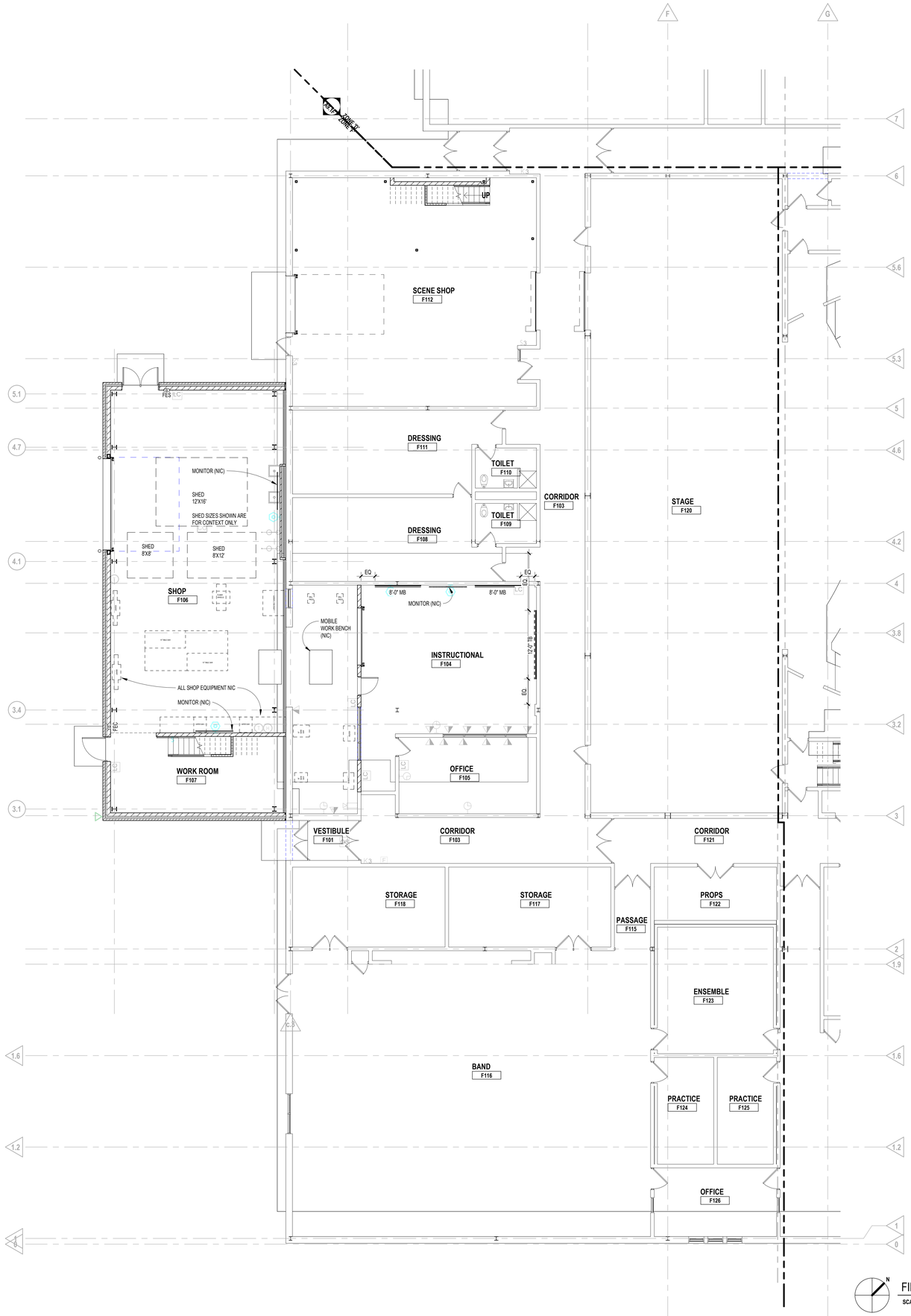
PROJECT NO.

25026D

DRAWING NO.

A8.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:11 AM



LEGEND

FES FEC FE

T.V. MONITOR (N.I.C.) & OVERHEAD SUSPENDED MOUNT (N.I.C.).

FIRE EXTINGUISHER IN CABINET (FEC)

FIRE EXTINGUISHER ON WALL BRACKET (FE)

VISUAL DISPLAY BOARD NOTES

TYPE OF BOARD

6'-0" MB

WIDTH OF BOARD/STRIP

HEIGHT OF ALL BOARDS ARE 4'-0" (UON)

NOTES:

1. MB = MARKERBOARD
   TB = TACKBOARD
   TS = TACK STRIP
   SB = SMART BOARD (BY OTHERS)
2. MOUNTING HEIGHTS (UON):
   MB/TB = 3'-0" AFF TO BOTTOM
   TS = 6'-0" AFF TO CENTER
3. ALL MARKERBOARDS SHALL BE PROVIDED WITH TRAYS.

CASEWORK NOTES

1. ALL PREFABRICATED CABINETS INDICATED ARE BASED ON TMI STORAGE SYSTEMS CORPORATION PRODUCTS. REFER TO TMI CATALOG FOR TYPICAL NUMBERING FORMAT.
2. ALL TMI CABINETS ARE DESIGNATED USING THE TYPICAL TMI ELEVEN (11) DIGIT NOTATION SYSTEM. THE FIRST FIVE DIGITS ARE THE MODEL NUMBER FOLLOWED BY THREE SETS OF TWO DIGIT NUMBERS FOR THE WIDTH, HEIGHT AND DEPTH.
3. WIDTH, HEIGHT AND DEPTH OF PREFABRICATED CABINETS IS INDICATED IN INCHES UNLESS NOTED OTHERWISE. MODEL DIMENSIONS ARE NOMINAL UNLESS SPECIFICALLY NOTED. "00000-00-00-00-M" INDICATES MODIFIED CASEWORK.
4. PROVIDE SOLID SURFACE COUNTERTOPS (WITH BACK/END SPLASHES) AT ALL BASE CABINETS. RADIUS ALL OUTSIDE CORNERS (U.O.N.)
5. ALL EXPOSED SURFACES OF CASEWORK TO BE FINISHED, TYPICAL.
6. WALL CABINETS (OVER COUNTERS) ARE TYPICALLY MOUNTED AT 7'-0" AFF TO TOP (UON).
7. PROVIDE FINISHED END PANELS ON ALL EXPOSED CASEWORK ENDS.
8. PROVIDE RESTRAINING CHAINS ON ALL END BASE AND WALL CABINET DOORS WHICH OPEN AGAINST PERPENDICULAR WALLS.
9. WHERE CASEWORK IS HELD AWAY FROM WALLS, TO FLUSH-OUT WITH ADJACENT CABINETS, SCRIBE END/FILLER PANELS TO WALLS.
10. PROVIDE FILLER PANELS WHERE SHOWN AND/OR OTHERWISE REQUIRED FOR A COMPLETE INSTALLATION.
11. PROVIDE LOCKS AT ALL CABINET DOORS AND DRAWERS (U.O.N.)
12. MODIFY SINK BASE CABINETS AS REQUIRED TO ACCOMMODATE OVERSIZED SINKS (SEE MECHANICAL FOR OVERSIZED SINK LOCATIONS.
13. WHERE BF 34" HIGH BASE CABINETS ARE INDICATED, MODIFY CABINET CONSTRUCTION BY REDUCING THE HEIGHT OF ALL COMPARTMENTS EQUALLY (INDICATE ON SHOP DWGS.)
14. PROVIDE INTERMEDIATE PLASTIC LAMINATE CLAD SUPPORT PANELS @ 4'-0" OC MAXIMUM AT ALL UNSUPPORTED COUNTER TOPS (UON).
15. PROVIDE GROMMETS AT ALL COUNTERS WITH KNEESPACES, WHERE POWER/DATA OUTLETS ARE LOCATED BELOW (REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS). PROVIDE (1) ONE GROMMET PER KNEESPACE (UON). FINAL LOCATION(S) WILL BE MARKED-UP ON THE SHOP DRAWING SUBMITTAL.
16. PROVIDE MOISTURE RESISTANT PARTICLE BOARD AT SINK BASE, COUNTERTOP, AND SPLASH WITHIN 18" OF SINK.
17. IN SCIENCE LABS, ACID NEUTRALIZATION TANKS TO BE PROVIDED IN TEACHER DEMONSTRATION TABLES.
18. ALL TYPICAL MUSIC WING CABINETS INDICATED ARE BASED ON WENGER CORPORATION PRODUCTS. REFER TO WENGER CATALOG FOR TYPICAL NUMBERING FORMAT.
19. ALL WENGER CABINETRY IS DESIGNATED USING THE PREFIX "W-" AND THEN THE WENGER NUMBER SYSTEM.

N

FIRST LEVEL CASEWORK FLOOR PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

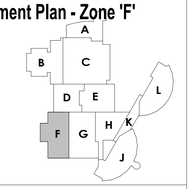
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Casework & Equipment Plan - Zone 'F'



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	MRF/EK
CHECKED	MCL
APPROVED	DWL

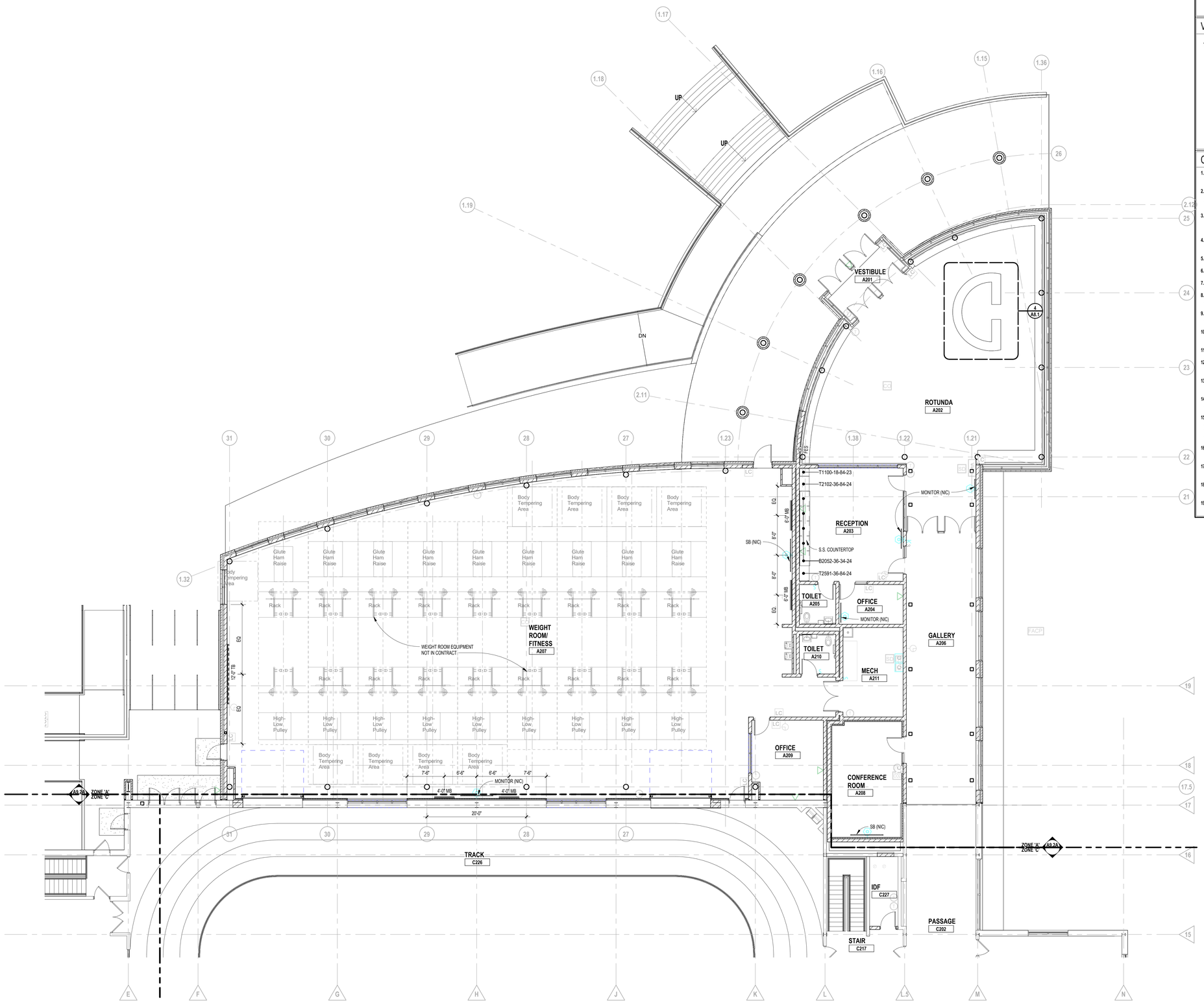
PROJECT NO.

25026D

DRAWING NO.

A9.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:13 AM



SECOND CASEWORK PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

LEGEND

- T.V. MONITOR (N.I.C.) & OVERHEAD SUSPENDED MOUNT (N.I.C.).
- FES / FEC — FIRE EXTINGUISHER IN CABINET (FEC)
- FE — FIRE EXTINGUISHER ON WALL BRACKET (FE)

VISUAL DISPLAY BOARD NOTES

TYPE OF BOARD — 6'-0" MB — WIDTH OF BOARD/STRIP

HEIGHT OF ALL BOARDS ARE 4'-0" (UON)

NOTES:

1. MB = MARKERBOARD
   TB = TACKBOARD
   TS = TACK STRIP
   SB = SMART BOARD (BY OTHERS)
2. MOUNTING HEIGHTS (UON):
   MB/TB = 3'-0" AFF TO BOTTOM
   TS = 6'-0" AFF TO CENTER
3. ALL MARKERBOARDS SHALL BE PROVIDED WITH TRAYS.

CASEWORK NOTES

1. ALL PREFABRICATED CABINETS INDICATED ARE BASED ON TMI STORAGE SYSTEMS CORPORATION PRODUCTS. REFER TO TMI CATALOG FOR TYPICAL NUMBERING FORMAT.
2. ALL TMI CABINETS ARE DESIGNATED USING THE TYPICAL TMI ELEVEN (11) DIGIT NOTATION SYSTEM. THE FIRST FIVE DIGITS ARE THE MODEL NUMBER FOLLOWED BY THREE SETS OF TWO DIGIT NUMBERS FOR THE WIDTH, HEIGHT AND DEPTH.
3. WIDTH, HEIGHT AND DEPTH OF PREFABRICATED CABINETS IS INDICATED IN INCHES UNLESS NOTED OTHERWISE. MODEL DIMENSIONS ARE NOMINAL UNLESS SPECIFICALLY NOTED. "00000-00-00-00-M" INDICATES MODIFIED CASEWORK.
4. PROVIDE SOLID SURFACE COUNTERTOPS (WITH BACK/END SPLASHES) AT ALL BASE CABINETS. RADIUS ALL OUTSIDE CORNERS (U.O.N.)
5. ALL EXPOSED SURFACES OF CASEWORK TO BE FINISHED, TYPICAL.
6. WALL CABINETS (OVER COUNTERS) ARE TYPICALLY MOUNTED AT 7'-0" AFF TO TOP (UON).
7. PROVIDE FINISHED END PANELS ON ALL EXPOSED CASEWORK ENDS.
8. PROVIDE RESTRAINING CHAINS ON ALL END BASE AND WALL CABINET DOORS WHICH OPEN AGAINST PERPENDICULAR WALLS.
9. WHERE CASEWORK IS HELD AWAY FROM WALLS, TO FLUSH-OUT WITH ADJACENT CABINETS, SCRIBE END/FILLER PANELS TO WALLS.
10. PROVIDE FILLER PANELS WHERE SHOWN AND/OR OTHERWISE REQUIRED FOR A COMPLETE INSTALLATION.
11. PROVIDE LOCKS AT ALL CABINET DOORS AND DRAWERS (U.O.N.)
12. MODIFY SINK BASE CABINETS AS REQUIRED TO ACCOMMODATE OVERSIZED SINKS (SEE MECHANICAL FOR OVERSIZED SINK LOCATIONS.
13. WHERE BF 34" HIGH BASE CABINETS ARE INDICATED, MODIFY CABINET CONSTRUCTION BY REDUCING THE HEIGHT OF ALL COMPARTMENTS EQUALLY (INDICATE ON SHOP DWGS.)
14. PROVIDE INTERMEDIATE PLASTIC LAMINATE CLAD SUPPORT PANELS @ 4'-0" OC MAXIMUM AT ALL UNSUPPORTED COUNTER TOPS (UON).
15. PROVIDE GROMMETS AT ALL COUNTERS WITH KNEESPACES, WHERE POWER/DATA OUTLETS ARE LOCATED BELOW (REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS). PROVIDE (1) ONE GROMMET PER KNEESPACE (UON). FINAL LOCATION(S) WILL BE MARKED-UP ON THE SHOP DRAWING SUBMITTAL.
16. PROVIDE MOISTURE RESISTANT PARTICLE BOARD AT SINK BASE, COUNTERTOP, AND SPLASH WITHIN 18" OF SINK.
17. IN SCIENCE LABS, ACID NEUTRALIZATION TANKS TO BE PROVIDED IN TEACHER DEMONSTRATION TABLES.
18. ALL TYPICAL MUSIC WING CABINETS INDICATED ARE BASED ON WENGER CORPORATION PRODUCTS. REFER TO WENGER CATALOG FOR TYPICAL NUMBERING FORMAT.
19. ALL WENGER CABINETRY IS DESIGNATED USING THE PREFIX "W-" AND THEN THE WENGER NUMBER SYSTEM.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

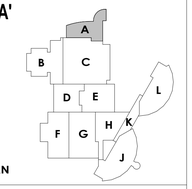
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Casework Plan - Zone 'A'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	MRF/EK
CHECKED	MCL
APPROVED	DWL

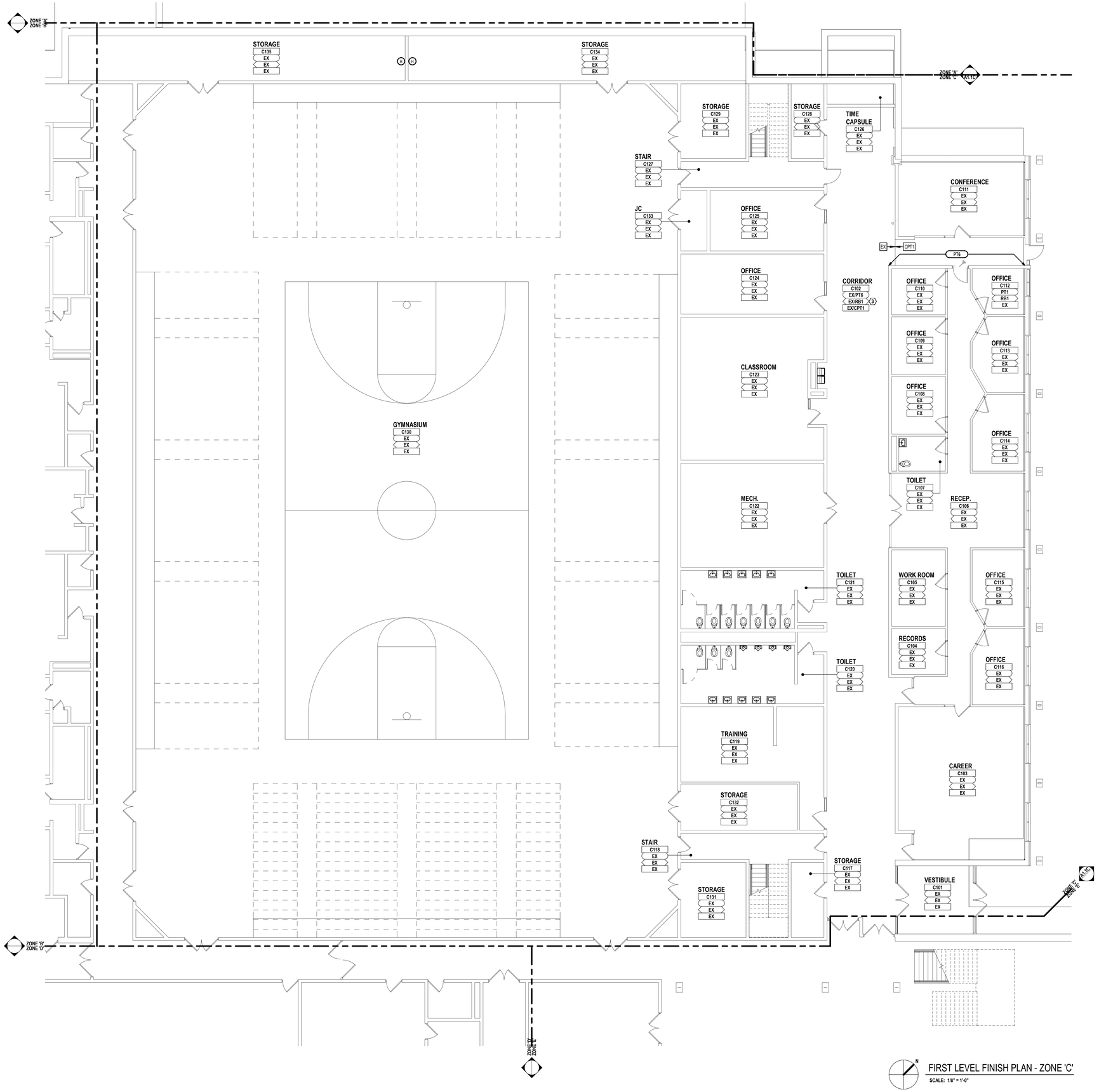
PROJECT NO.

25026D

DRAWING NO.

A9.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:15 AM



FIRST LEVEL FINISH PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

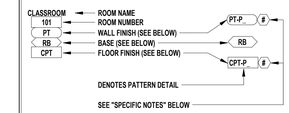
FINISH LEGEND

ROOM FINISH TAGS

ROOM NAME AND NUMBER PLUS GENERAL ROOM FINISH INFORMATION. FINISH TAGS SHALL APPLY TO ALL LIKE MATERIALS WITHIN A ROOM (UON)

FINISH LEGEND

FINISH LEGEND IS GENERAL SEE SPECIFICATIONS FOR SPECIFIC FINISH INFORMATION. MULTIPLE FINISH TYPES ARE DENOTED BY NUMBER FOLLOWING ABBREVIATION.



WALL FINISH ABBREVIATIONS

AWP	ACOUSTICAL WALL PANEL
CT	CERAMIC TILE
EP	EPOXY PAINT
EX	EXISTING (NO NEW FINISH)
PT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
VWC	VINYL WALL COVERING

BASE FINISH ABBREVIATIONS

CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
NB	NO BASE, WALL FINISH EXTENDS TO FLOOR
RB	RESILIENT BASE
SS	SOLID SURFACING

FLOOR FINISH ABBREVIATIONS

CONCS	CONCRETE - WITH APPLIED SURFACE SEALER
CPT	CARPET TILE
CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
RFT	RESILIENT FLOOR TILE
RAF	RESILIENT ATHLETIC FLOORING
STR	RUBBER STAIR TREAD & RISER SYSTEM

GENERAL NOTES

1. REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES, HEIGHTS AND FINISH INFORMATION.
2. AT CERAMIC TILE LOCATIONS, INSTALLER TO USE APPROPRIATE TROWEL TO ACCOMMODATE DIFFERENT TILE THICKNESSES.
3. REFER TO STRUCTURAL DRAWINGS FOR DEPRESSED SLAB LOCATIONS, INDICATIVE OF MUDSET BEDS AT CERAMIC TILE. SLOPE MUDSET TO DRAINS. REFER TO ARCHITECTURAL DRAWINGS FOR DRAIN ELEVATIONS AND LOCATIONS.
4. PROVIDE ANTI-FRACTURE MEMBRANE AT ALL THINSET CERAMIC TILE LOCATIONS, UNLESS OTHERWISE NOTED.
5. PROVIDE RESILIENT BASE AT TOE KICK OF ALL CASEWORK AND BEHIND ALL MOVABLE EQUIPMENT/APPLIANCES, WHEN SCHEDULED WITHIN A ROOM.
6. ALL WALL MOUNTED MECHANICAL EQUIPMENT (DIFFUSERS, GRILLES, ETC) AND ELECTRICAL EQUIPMENT (PANELS, ETC) SHALL BE PAINTED TO MATCH THE ADJACENT WALL COLOR. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR QUANTITIES AND LOCATIONS.
7. REFER TO SPEC, SECTION 012300 FOR COMPLETE LIST AND DESCRIPTION OF ALTERNATIVES.
8. WHERE REMOVAL OR MODIFICATION TO A FINISH MATERIAL IS SHOWN, BUT NEW FINISHES ARE NOT SCHEDULED, PATCH AND REPAIR TO MATCH EXISTING FINISH CONDITION AS REQUIRED
9. PROVIDE APPROPRIATE TRANSITION STRIPS BETWEEN DISSIMILAR FLOORING MATERIALS AT VERTICAL AND/OR HORIZONTAL APPLICATIONS.
10. CARPET EDGES SHALL BE CAPTURED BY NOSING, NOSING SHALL BE MITERED AT ALL OUTSIDE AND INSIDE CORNER CONDITIONS. ALL EDGES OF CARPET SHALL BE SEALED WITH A SEAM-SEALER.
11. WHEN CARPET IS SPECIFIED WITHIN A ROOM, ALL EXPOSED VERTICAL SIDES OF STAIR SHALL BE CARPETED.
12. FLOORING CONTRACTOR SHALL INSTALL INSERTS TO MATCH ADJACENT FLOORING MATERIAL AT ALL ELECTRICAL FLOOR BOX COVERS AS REQUIRED.
13. FOR MORE INFORMATION REGARDING THRESHOLDS AT TILE INSTALLATIONS, SEE DOOR SCHEDULE SHEET.

SPECIFIC NOTES

1. STAIR HANDRAIL & STRINGER SHALL BE PAINTED PT4.
2. CEILING DECK AND EXPOSED STRUCTURE SHALL BE PAINTED PT4.
3. APPLY RUBBER BASE (RB1) ON ALL WALLS ADJACENT TO CPT1.
4. CEILING DECK AND EXPOSED STRUCTURE SHALL BE PAINTED PT2.
5. RSF2 TO BE APPLIED ON WALLS, WHERE INDICATED. MATERIAL SHALL BE APPLIED DIRECTLY ABOVE BASE AND TOP SHALL ALIGN WITH STOREFRONT SILL. INCLUDE SCHLUTER TOP CAP, AS SPECIFIED.
6. SS2 TO BE APPLIED AT MILLWORK LOCATIONS ONLY. REFER TO MILLWORK DRAWINGS FOR ADDITION INFORMATION.
7. CEILING DECK, EXPOSED STRUCTURE, AND COLUMNS SHALL BE PAINTED PT1.

WINDOW TREATMENT LEGEND



A TYPE 'A' - MANUAL, 3% OPEN SHADE.

B TYPE 'B' - MOTORIZED, 3% OPEN SHADE.

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

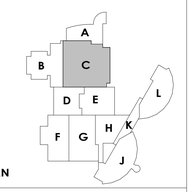
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Finish Plan - Zone 'C'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	AR
CHECKED	SW
APPROVED	DL

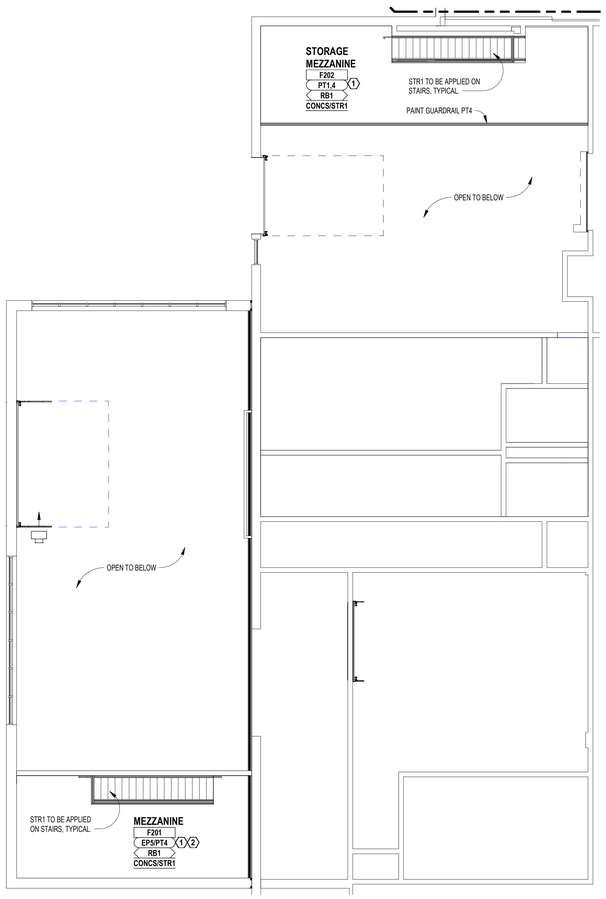
PROJECT NO.

25026D

DRAWING NO.

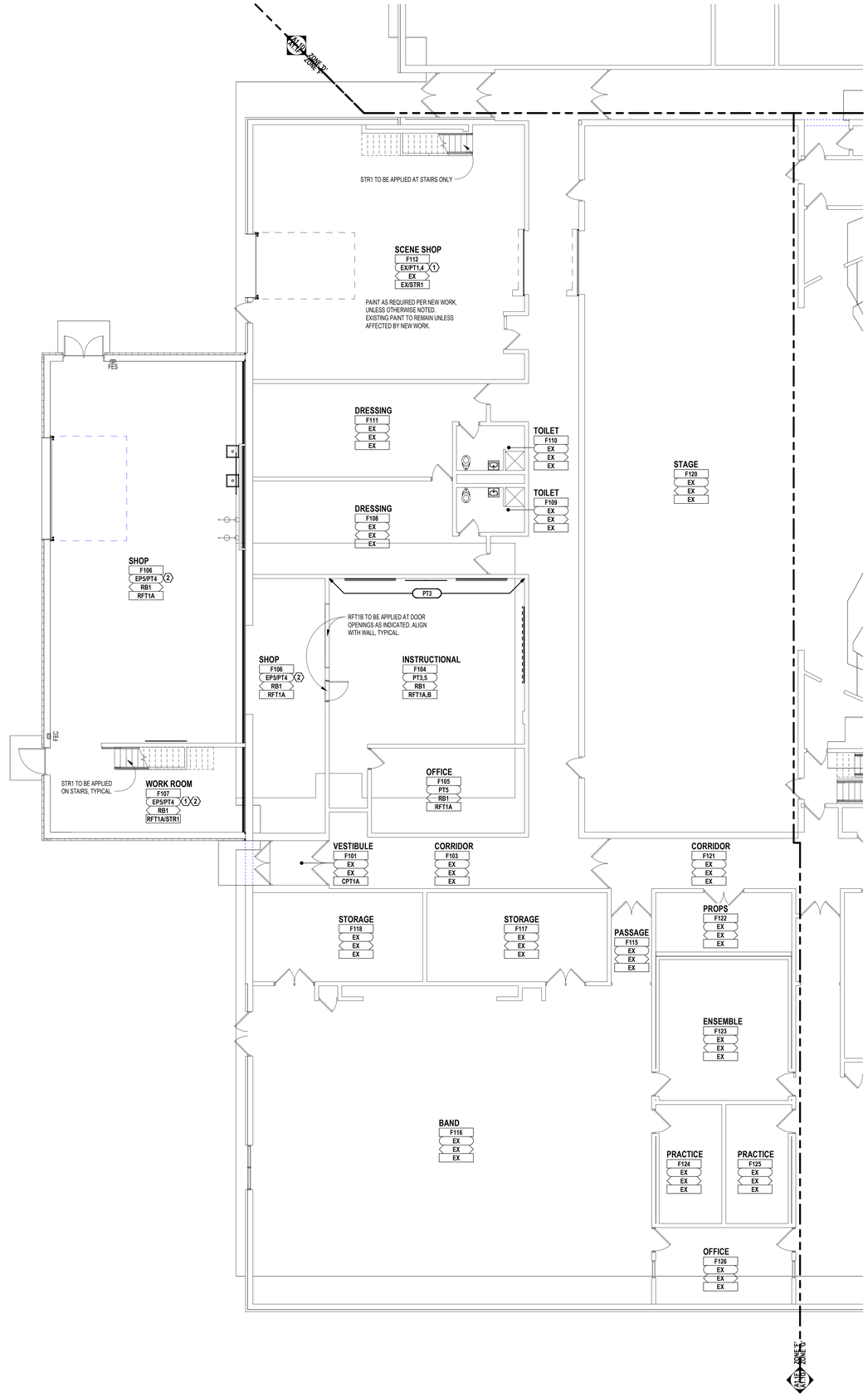
A10.1C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:17 AM



2 A3.2 MEZZANINE FLOOR PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"



N

FIRST LEVEL FINISH PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

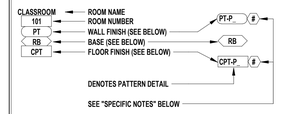
FINISH LEGEND

ROOM FINISH TAGS

ROOM NAME AND NUMBER PLUS GENERAL ROOM FINISH INFORMATION. FINISH TAGS SHALL APPLY TO ALL LIKE MATERIALS WITHIN A ROOM (UON)

FINISH LEGEND

FINISH LEGEND IS GENERAL SEE SPECIFICATIONS FOR SPECIFIC FINISH INFORMATION. MULTIPLE FINISH TYPES ARE DENOTED BY NUMBER FOLLOWING ABBREVIATION.



WALL FINISH ABBREVIATIONS

AWP	ACOUSTICAL WALL PANEL
CT	CERAMIC TILE
EP	EPOXY PAINT
EX	EXISTING (NO NEW FINISH)
PT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
VWC	VINYL WALL COVERING

BASE FINISH ABBREVIATIONS

CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
NB	NO BASE, WALL FINISH EXTENDS TO FLOOR
RB	RESILIENT BASE
SS	SOLID SURFACING

FLOOR FINISH ABBREVIATIONS

CONCS	CONCRETE - WITH APPLIED SURFACE SEALER
CPT	CARPET TILE
CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
RFT	RESILIENT FLOOR TILE
RAF	RESILIENT ATHLETIC FLOORING
STR	RUBBER STAIR TREAD & RISER SYSTEM

GENERAL NOTES

1. REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES, HEIGHTS AND FINISH INFORMATION.
2. AT CERAMIC TILE LOCATIONS, INSTALLER TO USE APPROPRIATE TROWEL TO ACCOMMODATE DIFFERENT TILE THICKNESSES.
3. REFER TO STRUCTURAL DRAWINGS FOR DEPRESSED SLAB LOCATIONS, INDICATIVE OF MUDSET BEDS AT CERAMIC TILE. SLOPE MUDSET TO DRAINS. REFER TO ARCHITECTURAL DRAWINGS FOR DRAIN ELEVATIONS AND LOCATIONS.
4. PROVIDE ANTI-FRACTURE MEMBRANE AT ALL THINSET CERAMIC TILE LOCATIONS, UNLESS OTHERWISE NOTED.
5. PROVIDE RESILIENT BASE AT TOE KICK OF ALL CASEWORK AND BEHIND ALL MOVABLE EQUIPMENT/APPLIANCES, WHEN SCHEDULED WITHIN A ROOM.
6. ALL WALL MOUNTED MECHANICAL EQUIPMENT (DIFFUSERS, GRILLES, ETC) AND ELECTRICAL EQUIPMENT (PANELS, ETC) SHALL BE PAINTED TO MATCH THE ADJACENT WALL COLOR. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR QUANTITIES AND LOCATIONS.
7. REFER TO SPEC, SECTION 012300 FOR COMPLETE LIST AND DESCRIPTION OF ALTERNATIVES.
8. WHERE REMOVAL OR MODIFICATION TO A FINISH MATERIAL IS SHOWN, BUT NEW FINISHES ARE NOT SCHEDULED, PATCH AND REPAIR TO MATCH EXISTING FINISH CONDITION AS REQUIRED
9. PROVIDE APPROPRIATE TRANSITION STRIPS BETWEEN DISSIMILAR FLOORING MATERIALS AT VERTICAL AND/OR HORIZONTAL APPLICATIONS.
10. CARPET EDGES SHALL BE CAPTURED BY NOSING. NOSING SHALL BE MITERED AT ALL OUTSIDE AND INSIDE CORNER CONDITIONS. ALL EDGES OF CARPET SHALL BE SEALED WITH A SEAM-SEALER.
11. WHEN CARPET IS SPECIFIED WITHIN A ROOM, ALL EXPOSED VERTICAL SIDES OF STAIR SHALL BE CARPETED.
12. FLOORING CONTRACTOR SHALL INSTALL INSERTS TO MATCH ADJACENT FLOORING MATERIAL AT ALL ELECTRICAL FLOOR BOX COVERS AS REQUIRED.
13. FOR MORE INFORMATION REGARDING THRESHOLDS AT TILE INSTALLATIONS, SEE DOOR SCHEDULE SHEET.

SPECIFIC NOTES

1. STAIR HANDRAIL & STRINGER SHALL BE PAINTED PT4.
2. CEILING DECK AND EXPOSED STRUCTURE SHALL BE PAINTED PT4.
3. APPLY RUBBER BASE (RB1) ON ALL WALLS ADJACENT TO CPT1.
4. CEILING DECK AND EXPOSED STRUCTURE SHALL BE PAINTED PT2.
5. RSF2 TO BE APPLIED ON WALLS, WHERE INDICATED. MATERIAL SHALL BE APPLIED DIRECTLY ABOVE BASE AND TOP SHALL ALIGN WITH STOREFRONT SILL. INCLUDE SCHLUTER TOP CAP, AS SPECIFIED.
6. SS2 TO BE APPLIED AT MILLWORK LOCATIONS ONLY. REFER TO MILLWORK DRAWINGS FOR ADDITION INFORMATION.
7. CEILING DECK, EXPOSED STRUCTURE, AND COLUMNS SHALL BE PAINTED PT1.

WINDOW TREATMENT LEGEND



A TYPE 'A' - MANUAL, 3% OPEN SHADE.

B TYPE 'B' - MOTORIZED, 3% OPEN SHADE.

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

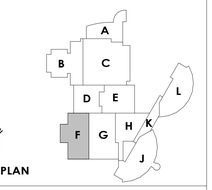
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Finish Plan - Zone 'F'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	AR
CHECKED	SW
APPROVED	DL

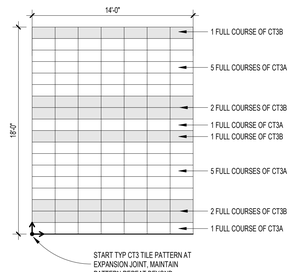
PROJECT NO.

25026D

DRAWING NO.

A10.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:20 AM



2 TYP CT3 Tile Pattern

SCALE: 3/16" = 1'-0"

N

SECOND LEVEL FINISH PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

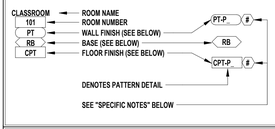
FINISH LEGEND

ROOM FINISH TAGS

ROOM NAME AND NUMBER PLUS GENERAL ROOM FINISH INFORMATION. FINISH TAGS SHALL APPLY TO ALL LIKE MATERIALS WITHIN A ROOM (UON)

FINISH LEGEND

FINISH LEGEND IS GENERAL SEE SPECIFICATIONS FOR SPECIFIC FINISH INFORMATION. MULTIPLE FINISH TYPES ARE DENOTED BY NUMBER FOLLOWING ABBREVIATION.



WALL FINISH ABBREVIATIONS

AWP	ACOUSTICAL WALL PANEL
CT	CERAMIC TILE
EP	EPOXY PAINT
EX	EXISTING (NO NEW FINISH)
PT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
VWC	VINYL WALL COVERING

BASE FINISH ABBREVIATIONS

CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
NB	NO BASE, WALL FINISH EXTENDS TO FLOOR
RB	RESILIENT BASE
SS	SOLID SURFACING

FLOOR FINISH ABBREVIATIONS

CONCS	CONCRETE - WITH APPLIED SURFACE SEALER
CPT	CARPET TILE
CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
RFT	RESILIENT FLOOR TILE
RAF	RESILIENT ATHLETIC FLOORING
STR	RUBBER STAIR TREAD & RISER SYSTEM

GENERAL NOTES

1. REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES, HEIGHTS AND FINISH INFORMATION.
2. AT CERAMIC TILE LOCATIONS, INSTALLER TO USE APPROPRIATE TROWEL TO ACCOMMODATE DIFFERENT TILE THICKNESSES.
3. REFER TO STRUCTURAL DRAWINGS FOR DEPRESSED SLAB LOCATIONS, INDICATIVE OF MUDSET BEDS AT CERAMIC TILE. SLOPE MUDSET TO DRAINS. REFER TO ARCHITECTURAL DRAWINGS FOR DRAIN ELEVATIONS AND LOCATIONS.
4. PROVIDE ANTI-FRACTURE MEMBRANE AT ALL THINSET CERAMIC TILE LOCATIONS, UNLESS OTHERWISE NOTED.
5. PROVIDE RESILIENT BASE AT TOE KICK OF ALL CASEWORK AND BEHIND ALL MOVABLE EQUIPMENT/APPLIANCES, WHEN SCHEDULED WITHIN A ROOM.
6. ALL WALL MOUNTED MECHANICAL EQUIPMENT (DIFFUSERS, GRILLES, ETC) AND ELECTRICAL EQUIPMENT (PANELS, ETC) SHALL BE PAINTED TO MATCH THE ADJACENT WALL COLOR. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR QUANTITIES AND LOCATIONS.
7. REFER TO SPEC, SECTION 012300 FOR COMPLETE LIST AND DESCRIPTION OF ALTERNATIVES.
8. WHERE REMOVAL OR MODIFICATION TO A FINISH MATERIAL IS SHOWN, BUT NEW FINISHES ARE NOT SCHEDULED, PATCH AND REPAIR TO MATCH EXISTING FINISH CONDITION AS REQUIRED
9. PROVIDE APPROPRIATE TRANSITION STRIPS BETWEEN DISSIMILAR FLOORING MATERIALS AT VERTICAL AND/OR HORIZONTAL APPLICATIONS.
10. CARPET EDGES SHALL BE CAPTURED BY NOSING. NOSING SHALL BE MITERED AT ALL OUTSIDE AND INSIDE CORNER CONDITIONS. ALL EDGES OF CARPET SHALL BE SEALED WITH A SEAM-SEALER.
11. WHEN CARPET IS SPECIFIED WITHIN A ROOM, ALL EXPOSED VERTICAL SIDES OF STAIR SHALL BE CARPETED.
12. FLOORING CONTRACTOR SHALL INSTALL INSERTS TO MATCH ADJACENT FLOORING MATERIAL AT ALL ELECTRICAL FLOOR BOX COVERS AS REQUIRED.
13. FOR MORE INFORMATION REGARDING THRESHOLDS AT TILE INSTALLATIONS, SEE DOOR SCHEDULE SHEET.

SPECIFIC NOTES

1. STAIR HANDRAIL & STRINGER SHALL BE PAINTED PT4.
2. CEILING DECK AND EXPOSED STRUCTURE SHALL BE PAINTED PT4.
3. APPLY RUBBER BASE (RB1) ON ALL WALLS ADJACENT TO CPT1.
4. CEILING DECK AND EXPOSED STRUCTURE SHALL BE PAINTED PT2.
5. RSF2 TO BE APPLIED ON WALLS, WHERE INDICATED. MATERIAL SHALL BE APPLIED DIRECTLY ABOVE BASE AND TOP SHALL ALIGN WITH STOREFRONT SILL. INCLUDE SCHLUTER TOP CAP, AS SPECIFIED.
6. SS2 TO BE APPLIED AT MILLWORK LOCATIONS ONLY. REFER TO MILLWORK DRAWINGS FOR ADDITION INFORMATION.
7. CEILING DECK, EXPOSED STRUCTURE, AND COLUMNS SHALL BE PAINTED PT1.

WINDOW TREATMENT LEGEND



A TYPE 'A' - MANUAL, 3% OPEN SHADE.

B TYPE 'B' - MOTORIZED, 3% OPEN SHADE.

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

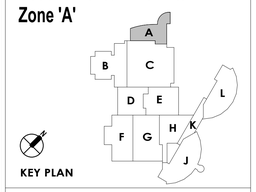
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Finish Plan - Zone 'A'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	AR
CHECKED	SW
APPROVED	DL

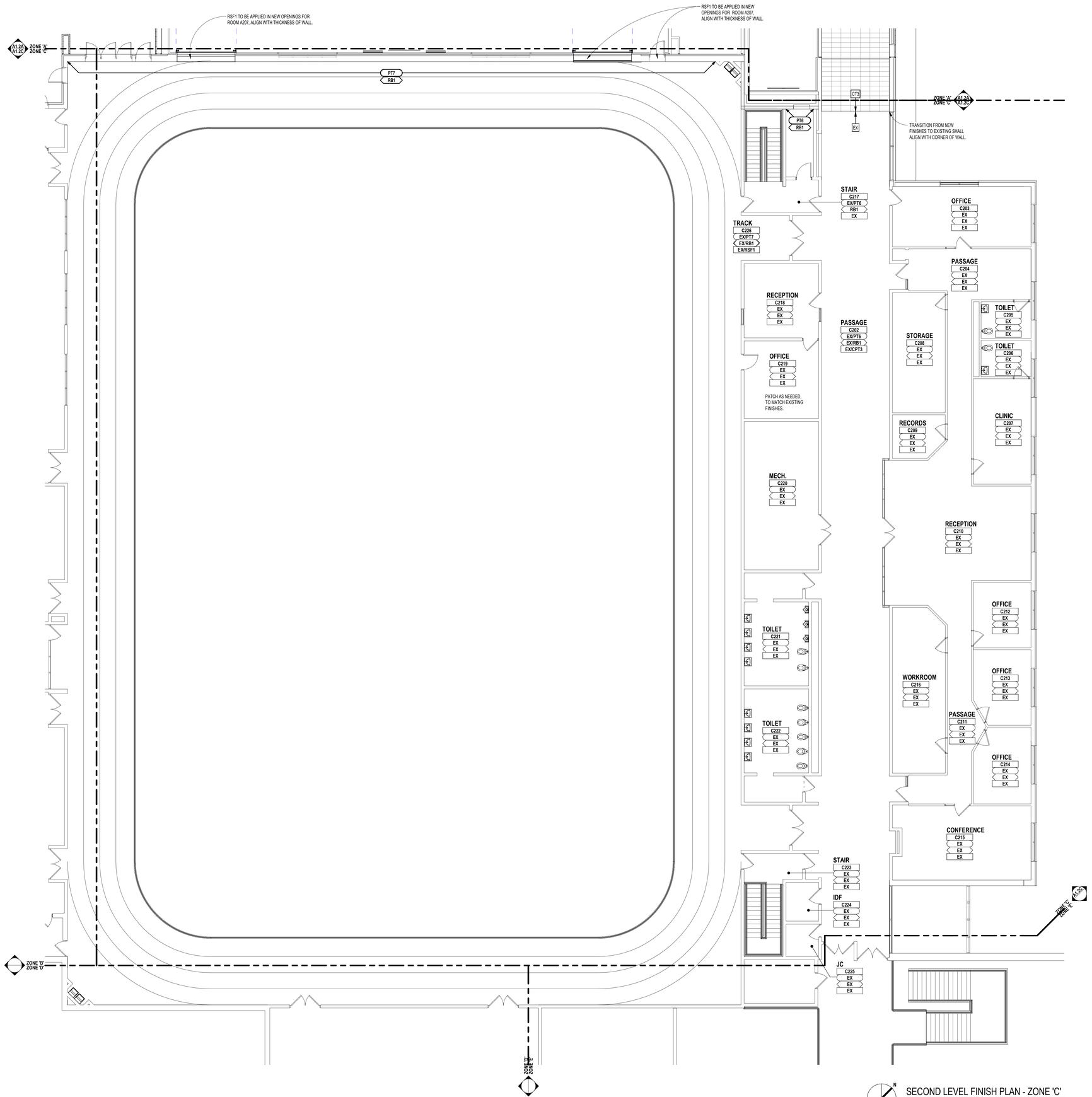
PROJECT NO.

25026D

DRAWING NO.

A10.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:22 AM



SECOND LEVEL FINISH PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

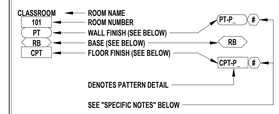
FINISH LEGEND

ROOM FINISH TAGS

ROOM NAME AND NUMBER PLUS GENERAL ROOM FINISH INFORMATION. FINISH TAGS SHALL APPLY TO ALL LIKE MATERIALS WITHIN A ROOM (UON)

FINISH LEGEND

FINISH LEGEND IS GENERAL SEE SPECIFICATIONS FOR SPECIFIC FINISH INFORMATION. MULTIPLE FINISH TYPES ARE DENOTED BY NUMBER FOLLOWING ABBREVIATION.



WALL FINISH ABBREVIATIONS

AWP	ACOUSTICAL WALL PANEL
CT	CERAMIC TILE
EP	EPOXY PAINT
EX	EXISTING (NO NEW FINISH)
PT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
VWC	VINYL WALL COVERING

BASE FINISH ABBREVIATIONS

CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
NB	NO BASE, WALL FINISH EXTENDS TO FLOOR
RB	RESILIENT BASE
SS	SOLID SURFACING

FLOOR FINISH ABBREVIATIONS

CONCS	CONCRETE - WITH APPLIED SURFACE SEALER
CPT	CARPET TILE
CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
RFT	RESILIENT FLOOR TILE
RAF	RESILIENT ATHLETIC FLOORING
STR	RUBBER STAIR TREAD & RISER SYSTEM

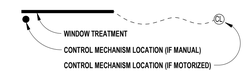
GENERAL NOTES

1. REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES, HEIGHTS AND FINISH INFORMATION.
2. AT CERAMIC TILE LOCATIONS, INSTALLER TO USE APPROPRIATE TROWEL TO ACCOMMODATE DIFFERENT TILE THICKNESSES.
3. REFER TO STRUCTURAL DRAWINGS FOR DEPRESSED SLAB LOCATIONS, INDICATIVE OF MUDSET BEDS AT CERAMIC TILE. SLOPE MUDSET TO DRAINS. REFER TO ARCHITECTURAL DRAWINGS FOR DRAIN ELEVATIONS AND LOCATIONS.
4. PROVIDE ANTI-FRACTURE MEMBRANE AT ALL THINSET CERAMIC TILE LOCATIONS, UNLESS OTHERWISE NOTED.
5. PROVIDE RESILIENT BASE AT TOE KICK OF ALL CASEWORK AND BEHIND ALL MOVABLE EQUIPMENT/APPLIANCES, WHEN SCHEDULED WITHIN A ROOM.
6. ALL WALL MOUNTED MECHANICAL EQUIPMENT (DIFFUSERS, GRILLES, ETC) AND ELECTRICAL EQUIPMENT (PANELS, ETC) SHALL BE PAINTED TO MATCH THE ADJACENT WALL COLOR. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR QUANTITIES AND LOCATIONS.
7. REFER TO SPEC, SECTION 012300 FOR COMPLETE LIST AND DESCRIPTION OF ALTERNATIVES.
8. WHERE REMOVAL OR MODIFICATION TO A FINISH MATERIAL IS SHOWN, BUT NEW FINISHES ARE NOT SCHEDULED, PATCH AND REPAIR TO MATCH EXISTING FINISH CONDITION AS REQUIRED
9. PROVIDE APPROPRIATE TRANSITION STRIPS BETWEEN DISSIMILAR FLOORING MATERIALS AT VERTICAL AND/OR HORIZONTAL APPLICATIONS.
10. CARPET EDGES SHALL BE CAPTURED BY NOSING. NOSING SHALL BE MITERED AT ALL OUTSIDE AND INSIDE CORNER CONDITIONS. ALL EDGES OF CARPET SHALL BE SEALED WITH A SEAM-SEALER.
11. WHEN CARPET IS SPECIFIED WITHIN A ROOM, ALL EXPOSED VERTICAL SIDES OF STAIR SHALL BE CARPETED.
12. FLOORING CONTRACTOR SHALL INSTALL INSERTS TO MATCH ADJACENT FLOORING MATERIAL AT ALL ELECTRICAL FLOOR BOX COVERS AS REQUIRED.
13. FOR MORE INFORMATION REGARDING THRESHOLDS AT TILE INSTALLATIONS, SEE DOOR SCHEDULE SHEET.

SPECIFIC NOTES

1. STAIR HANDRAIL & STRINGER SHALL BE PAINTED PT4.
2. CEILING DECK AND EXPOSED STRUCTURE SHALL BE PAINTED PT4.
3. APPLY RUBBER BASE (RB1) ON ALL WALLS ADJACENT TO CPT1.
4. CEILING DECK AND EXPOSED STRUCTURE SHALL BE PAINTED PT2.
5. RSF2 TO BE APPLIED ON WALLS, WHERE INDICATED. MATERIAL SHALL BE APPLIED DIRECTLY ABOVE BASE AND TOP SHALL ALIGN WITH STOREFRONT SILL. INCLUDE SCHLUTER TOP CAP, AS SPECIFIED.
6. SS2 TO BE APPLIED AT MILLWORK LOCATIONS ONLY. REFER TO MILLWORK DRAWINGS FOR ADDITION INFORMATION.
7. CEILING DECK, EXPOSED STRUCTURE, AND COLUMNS SHALL BE PAINTED PT1.

WINDOW TREATMENT LEGEND



TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

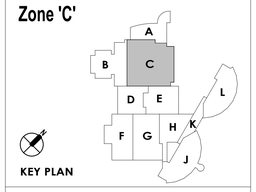
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Finish Plan - Zone 'C'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	AR
CHECKED	SW
APPROVED	DL

PROJECT NO.

25026D

DRAWING NO.

A10.2C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026(A,B,D,F,G,H,J)-ARCH-25.rvt
3/9/2026 11:04:24 AM

ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561 EM · INFO@TMP-ARCHITECTURE.COM

Dexter High School Additions

Dexter Community Schools

Dexter, Michigan 48130

Project Number 25026D

Construction Documents - Volume 02

CONSULTANTS:

MECHANICAL ENGINEER
PETER BASSO ASSOCIATES INC.
5145 LIVERNOIS ROAD, SUITE 100
TROY, MICHIGAN 48098-3276
PHONE: (248) 879-5666 FAX: (248) 879-0007

ELECTRICAL ENGINEER
PETER BASSO ASSOCIATES INC.
5145 LIVERNOIS ROAD, SUITE 100
TROY, MICHIGAN 48098-3276
PHONE: (248) 879-5666 FAX: (248) 879-0007

STRUCTURAL ENGINEER
WILLIAM A KIBBE & ASSOCIATES, INC.
1475 S WASHINGTON AVE
SAGINAW, MI 48601
PHONE: (989) 752-5000 FAX: (989) 752-5002

CIVIL ENGINEER
BECKETT & RAEDER, INC.
535 W. WILLIAM ST. SUITE 101
ANN ARBOR, MI 48103
PHONE: (734) 663-2622 FAX: (734) 663-6759

TECHNOLOGY CONSULTANT
COMMTECH DESIGN
6581 BELDING RD NE, STE. #101
ROCKFORD, MI 49341
PHONE: (616) 863-8132

ACOUSTIC CONSULTANT
BAi, LLC
4006 SPEEDWAY
AUSTIN, TX 78751
PHONE: (512) 476-3464

LIST OF DRAWINGS

GENERAL INFORMATION
TS.2 Cover Sheet

MECHANICAL
M0.1 Mechanical Standards and Drawings Index

MD1.1C First Level Mechanical Demolition Plan - Zone C
MD1.1F First Level Mechanical Demolition Plan - Zone F

M1.1C First Level Fire Protection Plan - Zone C
M1.1D First Level Fire Protection Plan - Zone D
M1.1F First Level Fire Protection Plan - Zone F

M1.2A Second Level Fire Protection Plan - Zone A
M1.2C Second Level Fire Protection Plan - Zone C

M2.0A Undreground Plumbing Plan - Zone A
M2.0C Undreground Plumbing Plan - Zone C
M2.0F Undreground Plumbing Plan - Zone F

M2.1C First Level Plumbing Plan - Zone C
M2.1D First Level Plumbing Plan - Zone D
M2.1F First Level Plumbing Plan - Zone F
M2.1G First Level Plumbing Plan - Zone G

M2.2A Second Level Plumbing Plan - Zone A
M2.2C Second Level Plumbing Plan - Zone C

M3.1C First Level HVAC Piping Plan - Zone C
M3.1F First Level HVAC Piping Plan - Zone F

M3.2A Second Level HVAC Piping Plan - Zone A
M3.2C Second Level HVAC Piping Plan - Zone C

M4.1C First Level Sheet Metal Plan - Zone C
M4.1F First Level Sheet Metal Plan - Zone F
M4.1G First Level Sheet Metal Plan - Zone G

MECHANICAL
M4.2A Second Level Sheet Metal Plan - Zone A
M4.2C Second Level Sheet Metal Plan - Zone C

M5.1A Roof Mechancal Plan - Zone A
M5.1C Roof Mechancal Plan - Zone C
M5.1D Roof Mechancal Plan - Zone D
M5.1E Roof Mechancal Plan - Zone E
M5.1F Roof Mechancal Plan - Zone F

M6.1 Mechanical Details
M6.2 Mechanical Details
M6.3 Mechanical Details
M6.4 Mechanical Details

M7.1 Mechanical Schedules
M7.2 Mechanical Schedules
M7.3 Mechanical Schedules
M7.4 Mechanical Schedules

M8.1 Temperature Controls
M8.2 Temperature Controls
M8.3 Temperature Controls
M8.4 Temperature Controls

ELECTRICAL
E0.1 Electrical Standards and Drawing Index
E0.2 Electrical Standards Schedules
E0.3 Electrical Site Demolition Plan
E0.4 Electrical Site New Work Plan
E0.5 Enlarged Electrical Site New Work Plan
E0.6 First Level Electrical Composite Plan
E0.7 Second Level Electrical Composite Plan

ED1.1C First Level Electrical Demolition Plan - Zone C
ED1.1F First Level Electrical Demolition Plan - Zone F
ED1.1G First Level Electrical Demolition Plan - Zone G

ED1.2A Second Level Electrical Demolition Plan - Zone A
ED1.2C Second Level Electrical Demolition Plan - Zone C

E2.1C First Level Lighting Plan - Zone C
E2.1F First Level Lighting Plan - Zone F

E2.2A Second Level Lighting Plan - Zone A
E2.2C Second Level Lighting Plan - Zone C

E3.1C First Level Power and Auxiliary Systems Plan - Plan C
E3.1F First Level Power and Auxiliary Systems Plan - Plan F
E3.1G First Level Power and Auxiliary Systems Plan - Plan G

E3.2A Second Level Power and Auxiliary Systems Plan - Zone A
E3.2C Second Level Power and Auxiliary Systems Plan - Zone C
E3.2G Second Level Power and Auxiliary Systems Plan - Zone G

E3.3A Roof Electrical Plan - Zone A

E5.1 One Line Diagram
E5.2 Panel Schedules

E7.1 Electrical Details and Diagrams
E7.2 Electrical Details and Diagrams
E7.3 Lighting Schedules
E7.4 Lighting Schedules

TECHNOLOGY
TC101 Cabling Legend, Schedule & Details
TC102 Cabling Connectivity Codes
TC103 Cable Routing Details & Fiber Backbone

TC201C First Floor Zone C Cabling Plan
TC201F First Floor Zone F Cabling Plan
TC202A Second Floor Zone A Cabling Plan

TC301 Audio/Video Legends, Schedules & Details

TC302 Audio/Video Connectivity Details
TC303 Audio/Video Connectivity Details
TC304 Audio/Video Connectivity Details

TC401F First Floor Zone F A/V Plan
TC402A Second Floor Zone A A/V Plan

TC501 Security Legends, Schedules & Details
TC502 Security Equipment Details

TC503 Camera Mounting Details
TC504 Camera One-Line Diagram

TC601C First Floor Zone C Security Plan
TC601F First Floor Zone F Security Plan
TC602A Second Floor Zone A Security Plan

TR101 Raceway Legends, Schedules & Details
TR102 Raceway Connectivity Codes

TR201C First Floor Zone C Raceway Plan
TR201F First Floor Zone F Raceway Plan
TR202A Second Floor Zone A Raceway Plan

AUDIO & VISUAL
AV0.01 AV Coordination Advisories
AV0.02 Audiovisual Device Legend and Conduit Riser
AV0.03 Audiovisual Details
AV0.04 Audiovisual Details

AV1.0G Orchestra Pit Audiovisual Floor Plan - Zone 'G'
AV1.1G First Level Audiovisual Floor Plan - Zone 'G'
AV1.2G Second Level Audiovisual Floor Plan - Zone 'G'

AV2.1G First Level Audiovisual Reflected Ceiling Plan - Zone 'G'
AV2.2G Second Level Audiovisual Reflected Ceiling Plan - Zone 'G'

AV3.1 Audiovisual Building Sections
AV3.2 Audiovisual Building Sections
AV3.10 Enlarged Audiovisual Views

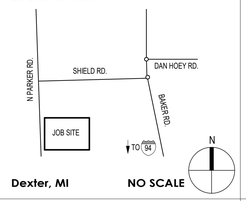
AV4.1 Audiovisual Connector Legend and System Notes
AV4.2 Audiovisual Plate Details
AV4.3 Audiovisual Plate Details
AV4.4 Audiovisual Plate Details
AV4.5 Audiovisual Plate Details

AV5.1 Audiovisual Rack Elevations

AV6.1 Audiovisual Oneline Diagram
AV6.2 Audiovisual Oneline Diagram
AV6.3 Audiovisual Oneline Diagram
AV6.4 Audiovisual Oneline Diagram
AV6.5 Audiovisual Oneline Diagram
AV6.6 Audiovisual Oneline Diagram
AV6.7 Audiovisual Oneline Diagram
AV6.8 Audiovisual Oneline Diagram
AV6.9 Audiovisual Oneline Diagram

PROJECT DATA:

LOCATION MAP:



Dexter, MI NO SCALE

ADDRESS: Dexter Community Schools
2200 N Parker Rd.
Dexter, Michigan 48130

Building:

BUILDING AREA(S) = 14,723 SF (ADDITION)
312,080 SF (EXISTING)
326,803 SF (TOTAL)

5,390 SF (EXISTING ALTERED)

CODE:

GOVERNING CODES:

- **2016 SCHOOL FIRE SAFETY RULES** (2012 Life Safety Code, plus amendments)
- **2021 MICHIGAN BUILDING CODE**
- **2021 REHABILITATION CODE FOR EXISTING BUILDINGS**
- **2021 MICHIGAN PLUMBING CODE**
- **2021 MICHIGAN MECHANICAL CODE**
- **2021 MICHIGAN COMMERCIAL ENERGY CODE** (ANSI/ASHRAE/IES Standard 90.1-2019)
- **2023 MICHIGAN ELECTRICAL CODE** (2023 NEC; plus Part 8 Rules)
- **2010 MICHIGAN ELEVATOR RULES** (ASME A17.1-2016, ASME A18.1-2017)
- **MICHIGAN BARRIER FREE CODE** (Michigan Building Code 2021 and ICC A117.1-2017)
- **2013 MICHIGAN BOILER CODE RULES** (ASME Boiler and Pressure Vessel Code, 2019 edition) (National Board Inspection Code [NBIC], 2019 edition)

USE GROUP CLASSIFICATION: "E" EDUCATION

CONSTRUCTION CLASSIFICATION: TYPE II (000) LSC TYPE II-B (MBC)

ISSUE DATES

10-17-2025	SCHEMATIC DESIGN
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE: **ISSUED FOR:** D.R. = DESIGN RELEASE

LICENSEE'S STATEMENT:

This Document has been prepared under the supervision of the Architect, as the person in Responsible Charge with the firm of TMP ARCHITECTURE, INC. An original embossed or rubber stamp seal and original signature of the Architect is required and shall be affixed to any copy of this Document submitted to a governmental agency for approval or record. This is in conformance with the State of Michigan's PA 299, Article 20 and the General Rules of the Board of Architects.

The Architect's seal provided hereon does not take responsibility for certain portions of the Documentation or project requiring the services of a licensed Professional Engineer or other design professional. An original embossed or rubber stamp seal and original signature of the Professional Engineer is required and shall be affixed to any copy of this or other Document submitted to a governmental agency for approval or record. The engineering firms associated with this document are listed above as Consultants.

REGISTRATION SEALS

COPYRIGHT

© The "architectural work" displayed on these documents is owned exclusively by TMP Architecture, Inc. and may not be used for any purpose without their involvement or express written consent.

PROJECT TITLE
Dexter High School Additions
PROJECT NO.
25026D
DRAWING NO.
TS.2

MECHANICAL ABBREVIATION LIST

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A	COMPRESSED AIR	FD	FLOOR DRAIN	O	OXYGEN
A(___#)	COMPRESSED AIR (SPECIFIC PSIG)	FFD	FUNNEL FLOOR DRAIN	OA	OUTSIDE AIR
AAV	AUTOMATIC AIR VENT	FGR	FUEL GAS RETURN	OAT	OUTSIDE AIR TEMPERATURE
ACC	AIR COOLED CONDENSER	FGS	FUEL GAS SUPPLY	OB	OUTLET BOX
ACCU	AIR COOLED CONDENSER UNIT	FH	FIRE HYDRANT	OBD	OPPOSED BLADE DAMPER
AD	ACCESS DOOR	FHC	FIRE HOSE CABINET	OC	ON CENTER/CENTER TO CENTER
AD	AREA DRAIN	FHR	FIRE HOSE RACK	OD	OUTSIDE DIAMETER
AE	AIR EXTRACTOR	FHV	FIRE HOSE VALVE	OED	OPEN ENDED DUCT
AFF	ABOVE FINISHED FLOOR	FLA	FULL LOAD AMPS	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
AHU	AIR HANDLING UNIT	FLR	FLOOR	OFOI	OWNER FURNISHED, OWNER INSTALLED
ALT	ALTERNATE	FM	FLOW METER	OL	OVERLOAD
AMP	AMPERE	FMS	FLOW MEASURING STATION	ORC	OVERFLOW RAIN CONDUCTOR
APD	AIR PRESSURE DROP	FOB	FLAT ON BOTTOM	ORD	OVERFLOW ROOF DRAIN
AR	ARGON	FOT	FLAT ON TOP	OS&Y	OUTSIDE SCREW AND YOKE
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR-CONDITIONING ENGINEERS	FPM	FEET PER MINUTE	OV	OUTLET VELOCITY
		FP	FIRE PUMP	OWS	OPERATOR WORKSTATION
ASR	AUTOMATIC SPRINKLER RISER	FPTU	FAN POWERED (AIR) TERMINAL UNIT		
ATD	AIR TRANSFER DUCT	FS	FLOOR SINK	PACU	PACKAGED AIR CONDITIONING UNIT
AUX	AUXILIARY	FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR	PBD	PARALLEL BLADE DAMPER
AV	ACID VENT	FT	FEET	PC	PUMPED CONDENSATE
AVTR	ACID VENT THROUGH ROOF	FTR	FINNED TUBE RADIATION	PCW	PROCESS COOLING WATER
AW	ACID WASTE	FV	FACE VELOCITY	PCWR	PROCESS COOLING WATER RETURN
				PCWS	PROCESS COOLING WATER SUPPLY
BAS	BUILDING AUTOMATION SYSTEM	G	NATURAL GAS	PD	PRESSURE DROP (FEET OF WATER)
BCU	BLOWER COIL UNIT	GA	GAUGE	PH	PERIMETER HEAT
BDD	BACK DRAFT DAMPER	GAL	GALLON	PHR	PERIMETER HEAT RETURN
BFF	BELOW FINISHED FLOOR	GRH	GRAVITY RELIEF HOOD	PHS	PERIMETER HEAT SUPPLY
BFP	BACKFLOW PREVENTER	GPH	GALLONS PER HOUR	PNL	PANEL
BHP	BRAKE HORSEPOWER	GPM	GALLONS PER MINUTE	PPM	PARTS PER MILLION
BOD	BOTTOM OF DUCT	GSAN	GREASE SANITARY WASTE	PRESS	PRESSURE
BOP	BOTTOM OF PIPE			PRV	PRESSURE REDUCING VALVE
BTU	BRITISH THERMAL UNIT	H	HYDROGEN	PSAN	PUMPED SANITARY
BTUH	BRITISH THERMAL UNIT PER HOUR	HB	HOSE BIBB	PSI	POUNDS PER SQUARE INCH
BVC	BEVERAGE CONDUIT	HC	HEATING COIL	PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
BWV	BACKWATER VALVE	HD	HOT DECK	PSIG	POUNDS PER SQUARE INCH - GAUGE
		HEPA	HIGH EFFICIENCY PARTICULATE ARRESTANCE	PST	PUMPED STORM
C	COMMON	HL	HIGH LIMIT		
CAP	CAPACITY	HOA	HAND/OFF/AUTO	(R)	RELOCATED
CAV	CONSTANT AIR VOLUME	HP	HEAT PUMP	R	RETURN GRILLE OR REGISTER
CB	CATCH BASIN	HP	HORSEPOWER	RA	RETURN AIR
CC	COOLING COIL	HPCW	HIGH PRESSURE DOMESTIC COLD WATER	RAT	RETURN AIR TEMPERATURE
CD	COLD DECK	HPHW	HIGH PRESSURE DOMESTIC HOT WATER	RC	RAIN CONDUCTOR
CD	CONDENSATE DRAIN	HPHWR	HIGH PRESSURE DOMESTIC HOT WATER RETURN	RCP	RADIANT CEILING PANEL
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	HPL	HEAT PUMP LOOP	RD	ROOF DRAIN
CFH	CUBIC FEET PER HOUR	HPLR	HEAT PUMP LOOP RETURN	REQD	REQUIRED
CFM	CUBIC FEET PER MINUTE	HPLS	HEAT PUMP LOOP SUPPLY	REF	ROOF EXHAUST FAN
CH	CHILLER	HR	HOUR	RF	RETURN FAN
CHW	CHILLED WATER	HTG	HEATING	RH	RELATIVE HUMIDITY
CHWR	CHILLED WATER RETURN	HV	HEATING VENTILATING	RL	REFRIGERANT LIQUID
CHWS	CHILLED WATER SUPPLY	HVAC	HEATING, VENTILATING, AIR CONDITIONING	RLFA	RELIEF AIR
CLG	COOLING	HWH	HOT WATER HEATING	ROR	REVERSE OSMOSIS RETURN
CNDS	CONDENSATE	HWHR	HOT WATER HEATING RETURN	ROS	REVERSE OSMOSIS SUPPLY
CNDS (__#)	CONDENSATE (SPECIFIC PSIG)	HWHS	HOT WATER HEATING SUPPLY	RPM	REVOLUTIONS PER MINUTE
CO	CLEAN OUT	HW	DOMESTIC HOT WATER	RPDA	REDUCED PRESSURE BACKFLOW
CO2	CARBON DIOXIDE	HW(__)	DOMESTIC HOT WATER (SPECIFIC TEMP °F)		DETECTION ASSY
CONT	CONTINUATION OR CONTINUED	HWR	DOMESTIC HOT WATER RETURN	RPZA	REDUCED PRESSURE BACKFLOW
CONTR	CONTRACTOR	HWR(__)	DOMESTIC HOT WATER (SPECIFIC TEMP °F)		ZONE ASSY
CONV	CONVECTOR	HX	HEAT EXCHANGER	RS	REFRIGERANT SUCTION
COP	COEFFICIENT OF PERFORMANCE	HZ	HERTZ	RTU	ROOFTOP UNIT
CP	CIRCULATING PUMP				
CRU	CONDENSATE RETURN UNIT	IAQ	INDOOR AIR QUALITY	S	SUPPLY AIR DIFFUSER OR GRILLE
CSS	CLINICAL SERVICE SINK	ID	INSIDE DIAMETER	SA	SOUND ATTENUATOR
CT	COOLING TOWER	IE	INVERT ELEVATION	SA	SUPPLY AIR
CUH	CABINET UNIT HEATER	IH	INTAKE HOOD	SAN	SANITARY WASTE
CW	DOMESTIC COLD WATER	IN	INCHES	SAT	SUPPLY AIR TEMPERATURE
CWF	DOMESTIC COLD WATER - FILTERED	IR	INFRARED HEATER	SCCA	SHORT CIRCUIT CURRENT RATING
CWR	CONDENSER WATER RETURN	IW	INDIRECT WASTE	SECT	SECTION
CWS	CONDENSER WATER SUPPLY			SF	SUPPLY FAN
		JC	JANITOR'S CLOSET	SH	SHOWER
D&T	DRIP AND TRAP	JP	JOCKEY PUMP	SK	SINK
DA	DISCHARGE AIR			SMR	SNOW MELT RETURN
DAT	DISCHARGE AIR TEMPERATURE	KA	THOUSAND AMP	SMS	SNOW MELT SUPPLY
DB	DRY BULB	KW	KILOWATT	SP	STATIC PRESSURE
DDC	DIRECT DIGITAL CONTROL	KWH	KILOWATT-HOUR	SPEC	SPECIFICATION
DEG	DEGREE			SPKLR	SPRINKLER
DFU	DRAINAGE FIXTURE UNITS	LAT	LEAVING AIR TEMPERATURE	SQFT	SQUARE FOOT/SQUARE FEET
DIA	DIAMETER	LAB	LABORATORY	S/S	START/STOP
DIR	DEIONIZED RETURN	LAV	LAVATORY	SS	SERVICE SINK
DIS	DEIONIZED SUPPLY	LBS	POUNDS	ST	STORM
DMPR	DAMPER	LDB	LEAVING DRY BULB	STD	STANDARD
DN	DAY/NIGHT	LL	LOW LIMIT	STK	STACK
DN	DOWN	LPC	LOW PRESSURE CONDENSATE	STM	STEAM
DNZ	DOWNSPOUT NOZZLE	LPS	LOW PRESSURE STEAM	STM(__#)	STEAM (SPECIFIC PSIG)
DS	DUCT SILENCER	LRA	LOCKED ROTOR AMPS	S/W	SUMMER/WINTER
DT	DRAIN TILE	LWB	LEAVING WET BULB	SW	SWITCH
DTC	DRAIN TILE CONNECTION	LWT	LEAVING WATER TEMPERATURE		
DWH	DOMESTIC WATER HEATER			T	TRANSFER GRILLE
DWG	DRAWING	MA	MIXED AIR	TC	TEMPERATURE CONTROL
		MAT	MIXED AIR TEMPERATURE	TC	TEMPERING COIL
(E)	EXISTING	MAU	MAKE-UP AIR UNIT	TCP	TEMPERATURE CONTROL PANEL
E	EXHAUST GRILLE OR REGISTER	MAX	MAXIMUM	TD	TRENCH DRAIN
EA	EACH	MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR	TEMP	TEMPERATURE
EA	EXHAUST AIR	MCA	MEDICAL COMPRESSED AIR	TEMP	TEMPORARY
EAT	ENTERING AIR TEMPERATURE	MCA	MINIMUM CIRCUIT AMPACITY	TH	TERMINAL HEATING
EC	EXPANSION COMPENSATOR	MCC	MOTOR CONTROL CENTER	THA	TOTAL HEAT ABSORBED
ECM	ELECTRONICALLY COMMUTATED MOTOR	MECH	MECHANICAL	THR	TERMINAL HEATING RETURN
ECUH	ELECTRIC CABINET UNIT HEATER	MEZZ	MEZZANINE	THR	TOTAL HEAT REJECTED
EDB	ENTERING DRY BULB	MFR	MANUFACTURER	THS	TERMINAL HEATING SUPPLY
EER	ENERGY EFFICIENCY RATIO	MH	MANHOLE	TK	TANK
EES	EMERGENCY EYE WASH / SHOWER	MIL	1/1000th INCH	TMR	TIMER SWITCH
EEW	EMERGENCY EYE WASH	MIN	MINIMUM	TPD	TEPID WATER
EF	EXHAUST FAN	MISC	MISCELLANEOUS	TSP	TOTAL STATIC PRESSURE
EFF	EFFICIENCY	MMBH	MILLION BRITISH THERMAL UNITS PER HOUR	TU	(AIR) TERMINAL UNIT
EHC	ELECTRIC HEATING COIL	MOP	MAXIMUM OVERCURRENT PROTECTION	TV	TURNING VANES
EJ	EXPANSION JOINT	M/S	MOTOR STARTER	TW	TEMPERED WATER
EL	ELEVATION	MTD	MOUNTED	TYP	TYPICAL
ELEC	ELECTRICAL	MTR	MOTOR		
EMS	ENERGY MANAGEMENT SYSTEM	MV	MANUAL AIR VENT	UH	UNIT HEATER
ERL	ENERGY RECOVERY LOOP	MVAC	MEDICAL VACUUM	UL	UNDERWRITER'S LABORATORY
ERLR	ENERGY RECOVERY LOOP RETURN			UON	UNLESS OTHERWISE NOTED
ERLS	ENERGY RECOVERY LOOP SUPPLY	N	NITROGEN	UR	URINAL
ERU	ENERGY RECOVERY UNIT	N2O	NITROUS OXIDE	UV	UNIT VENTILATOR
ESH	EMERGENCY SHOWER	NC	NOISE CRITERIA		
ESP	EXTERNAL STATIC PRESSURE	NC	NORMALLY CLOSED	V	VALVE
EUH	ELECTRIC UNIT HEATER	NCTC	NORMALLY CLOSED TIMED CLOSED	V	VENT
EWB	ENTERING WET BULB	NCTO	NORMALLY CLOSED TIMED OPEN	VAC	VACUUM
EWC	ELECTRIC WATER COOLER	NFPA	NATIONAL FIRE PROTECTION AGENCY	VAV	VARIABLE AIR VOLUME
EWT	ENTERING WATER TEMPERATURE	NOTC	NORMALLY OPEN TIMED CLOSED	VB	VACUUM BREAKER
EXH	EXHAUST	NOTO	NORMALLY OPEN TIMED OPEN	VD	VOLUME DAMPER (MANUALLY ADJUSTABLE)
		NIC	NOT IN CONTRACT	VOL	VOLUME
F	FIRE PROTECTION	NO	NORMALLY OPEN	VFC	VARIABLE FREQUENCY CONTROLLER
°F	DEGREES FAHRENHEIT	NOM	NOMINAL	VTR	VENT THROUGH ROOF
F&B	FACE AND BYPASS	NPCW	NON POTABLE COLD WATER	VTU	VENTURI TERMINAL UNIT
F&T	FLOAT AND THERMOSTATIC	NPHW	NON POTABLE HOTE WATER	VUV	VERTICAL UNIT VENTILATOR
FA	FACE AREA				
FCU	FAN COIL UNIT			W	WASTE
				W&V	WASTE AND VENT
				WAGD	WASTE ANESTHETIC GAS DISPOSAL
				WB	WET BULB
				WC	WATER CLOSET
				WC	WATER COLUMN
				WG	WATER GAUGE
				WH	WALL HYDRANT
				WMSD	WASHING MACHINE SUPPLY AND DRAIN BOX
				WPD	WATER PRESSURE DROP
				WT	WEIGHT
				XFMR	TRANSFORMER
				ZVB	ZONE VALVE BOX

TEMPERATURE CONTROL - PARTIAL SYMBOLS LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
CO2	CARBON DIOXIDE SENSOR	OS	OCCUPANCY SENSOR
CO	CARBON MONOXIDE SENSOR	PT	PRESSURE TRANSMITTER
DPT	DIFFERENTIAL PRESSURE TRANSMITTER	SP	STATIC PRESSURE SENSOR OR PROBE
FM	FLOW METER		VALVE - 2 WAY CONTROL VALVE
	GUARD FOR STAT OR SENSOR		VALVE - 3 WAY CONTROL VALVE
H	HUMIDISTAT OR HUMIDITY SENSOR (AS DEFINED ON TC DRAWINGS)	T	THERMOSTAT OR TEMPERATURE SENSOR (AS DEFINED ON TC DRAWINGS)

NOTE: LIST OF ADDITIONAL SYMBOLS & ABBREVIATIONS ASSOCIATED WITH TEMPERATURE CONTROLS ARE IDENTIFIED ON TC DRAWINGS.

MECHANICAL SYMBOL LIST

PIPING SYMBOLS

SYMBOL	DESCRIPTION
AV	AIR VENT - AUTOMATIC
MV	AIR VENT - MANUAL
BFP	BACKFLOW PREVENTER
	CATCH BASIN
	CIRCULATING PUMP
CO	CLEAN OUT - IN FLOOR
CO	CLEAN OUT - FLANGE
	DIRECTION OF FLOW
	DIRECTION OF PITCH - DOWN
	FINNED TUBE RADIATION
	FIRE PROTECTION - SIAMESE CONNECTION - FREE STANDING
	FIRE PROTECTION - SIAMESE CONNECTION - WALL MOUNTED
	FIRE PROTECTION - SPRINKLER HEAD, CONCEALED
	FIRE PROTECTION - SPRINKLER HEAD, PENDANT
	FIRE PROTECTION - SPRINKLER HEAD, UPRIGHT
	FIRE PROTECTION - SPRINKLER HEAD, SIDEWALL
	FLOOR DRAIN
	FLOOR DRAIN - ELEVATION
	FLOOR DRAIN - FUNNEL
	FLOOR DRAIN - FUNNEL, ELEVATION
	FLOW MEASURING DEVICE (FOR TEST AND BALANCING)
FS	FLOW SWITCH
FM	FLOW METER
HB	HOSE BIBB
MH	MANHOLE
	OPEN SITE DRAIN
	PIPE - ANCHOR
	PIPE - CAP OR PLUG
	PIPE - ELBOW DOWN
	PIPE - ELBOW UP
	PIPE - EXPANSION JOINT OR COMPENSATOR
	PIPE - FLANGE
	PIPE - HOSE AND BRAID FLEXIBLE CONNECTION
	PIPE - RUBBER FLEXIBLE CONNECTION
	PIPE - GUIDE
	PIPE - TEE DOWN
	PIPE - TEE UP
	PIPE - UNION
P/T	PRESSURE AND TEMPERATURE TEST PLUG
	PRESSURE GAUGE AND COCK
	REDUCER - CONCENTRIC
	REDUCER - ECCENTRIC
	ROOF/OVERFLOW DRAIN
	STEAM TRAP - FLOAT AND THERMOSTATIC
	STRAINER
	STRAINER WITH VALVE AND BLOW-OFF
	THERMOMETER
	TRAP
	VALVE - ANGLE
	VALVE - BALL
0.5	VALVE - BALANCE (i.e. BALANCE VALVE TO 0.5 GPM)
0.5	VALVE - COMBINATION BALANCE & FLOW MEASURING (i.e. BALANCE VALVE TO 0.5 GPM)
	VALVE - BUTTERFLY
	VALVE - CHECK
	VALVE - SPRING CHECK
	VALVE - GAS (MANUAL)
	VALVE - GLOBE
	VALVE - ISOLATION
	VALVE - NEEDLE
	VALVE - OS&Y
	VALVE - PLUG
	VALVE - PRESSURE REGULATING
	VALVE - PRESSURE REDUCING
	VALVE - PRESSURE RELIEF
	VALVE - PRESSURE & TEMPERATURE RELIEF
VTR	VENT THROUGH ROOF
WH	WALL HYDRANT
WM	WATER METER
GM	GAS METER

DOUBLE LINE PIPING SYMBOLS

SYMBOL	DESCRIPTION
	FLANGE
	FLEX CONNECTION
	STRAINER - BASKET
	STRAINER - Y TYPE
	VALVE - 2 WAY CONTROL
	VALVE - 3 WAY CONTROL
	VALVE - BUTTERFLY
	VALVE - CHECK
	VALVE - DETECTOR CHECK
	VALVE - OS&Y HORIZONTAL STEM
	VALVE - OS&Y VERTICAL STEM

DUCTWORK SYMBOLS

SYMBOL	DESCRIPTION
TU-101	AIR TERMINAL UNIT
TU-101	AIR TERMINAL UNIT WITH HEATING COIL
VTU-101	VENTURI AIR TERMINAL UNIT
VTU-101	VENTURI AIR TERMINAL UNIT WITH HEATING COIL
	DAMPER - HORIZONTAL FIRE (EXISTING, NEW)
	DAMPER - HORIZONTAL FIRE / SMOKE (EXISTING, NEW)
	DAMPER - SMOKE (EXISTING, NEW)
	DAMPER - VERTICAL FIRE (EXISTING, NEW)
	DAMPER - VERTICAL FIRE / SMOKE (EXISTING, NEW)
BDD	DAMPER - BACK DRAFT
M	DAMPER - MOTORIZED
	DAMPER - VOLUME (MANUALLY ADJUSTABLE)
	DIFFUSER - BLANK OFF
	DIFFUSER - LINEAR SLOT
	DIFFUSER - SQUARE OR RECTANGULAR
	DUCT CROSS SECTION - SUPPLY
	DUCT CROSS SECTION - RETURN
	DUCT CROSS SECTION - EXHAUST
	DUCT - FLEXIBLE CONNECTION
	DUCT - FLEXIBLE DUCT
	DUCT TAKE-OFF - ROUND CONICAL
	DUCT TAKE-OFF - RECTANGULAR WITH SHOE TAP
	ELBOW - RECTANGULAR WITH TURNING VANES
	ELBOW - RECTANGULAR/ ROUND SMOOTH RADIUS
	ELBOW DOWN - RECTANGULAR
	ELBOW DOWN - ROUND
	ELBOW UP - RECTANGULAR
	ELBOW UP - ROUND
	FAN - AXIAL
	FAN - CENTRIFUGAL (ELEVATION)
VFC XX-#	VARIABLE FREQUENCY CONTROLLER SERVING EQUIPMENT XX-#
	HEATING COIL
D	INCLINED DROP IN DIRECTION OF AIRFLOW
R	INCLINED RISE IN DIRECTION OF AIRFLOW
	INTAKE OR RELIEF HOOD
	REGISTER - RETURN OR EXHAUST
	REGISTER - RETURN WITH BOOT
	REGISTER - TRANSFER GRILLE
	ROOF EXHAUST FAN
	TRANSITION - CONCENTRIC
	TRANSITION - ECCENTRIC
	UNIT HEATER - HORIZONTAL THROW
	UNIT HEATER - VERTICAL THROW

DOUBLE LINE DUCTWORK SYMBOLS

SYMBOL	DESCRIPTION
	DUCT TAKE-OFF - RECTANGULAR WITH SHOE TAP
	DUCT TAKE-OFF - ROUND CONICAL
	ELBOW - RECTANGULAR WITH TURNING VANES
	ELBOW - RECTANGULAR SHORT RADIUS WITH SPLITTER VANES
	ELBOW - ROUND
	ELBOW - RECTANGULAR SMOOTH RADIUS
	ELBOW DOWN - RECTANGULAR
	ELBOW DOWN - ROUND
	ELBOW UP - RECTANGULAR
	ELBOW UP - ROUND
	HEATING COIL
D	INCLINED DROP IN DIRECTION OF AIRFLOW
R	INCLINED RISE IN DIRECTION OF AIRFLOW
	TRANSITION - CONCENTRIC
	TRANSITION -ECCENTRIC

MECHANICAL DRAWING INDEX

SHEET NO.	SHEET TITLE
M0.1	MECHANICAL STANDARDS AND DRAWING INDEX
M01.1C	FIRST LEVEL MECHANICAL DEMOLITION PLAN - ZONE 'C'
M01.1F	FIRST LEVEL MECHANICAL DEMOLITION PLAN - ZONE 'F'
M1.1C	FIRST LEVEL FIRE PROTECTION PLAN - ZONE 'C'
M1.1D	FIRST LEVEL FIRE PROTECTION PLAN - ZONE 'D'
M1.1F	FIRST LEVEL FIRE PROTECTION PLAN - ZONE 'F'
M1.2A	SECOND LEVEL FIRE PROTECTION PLAN - ZONE 'A'
M1.2C	SECOND LEVEL FIRE PROTECTION PLAN - ZONE 'C'
M2.0A	UNDERGROUND PLUMBING PLAN - ZONE 'A'
M2.0C	UNDERGROUND PLUMBING PLAN - ZONE 'C'
M2.0F	UNDERGROUND PLUMBING PLAN - ZONE 'F'
M2.1C	FIRST LEVEL PLUMBING PLAN - ZONE 'C'
M2.1D	FIRST LEVEL PLUMBING PLAN - ZONE 'D'
M2.1F	FIRST LEVEL PLUMBING PLAN - ZONE 'F'
M2.1G	FIRST LEVEL PLUMBING PLAN - ZONE 'G'
M2.2A	SECOND LEVEL PLUMBING PLAN - ZONE 'A'
M2.2C	SECOND LEVEL PLUMBING PLAN - ZONE 'C'
M3.1C	FIRST LEVEL HVAC PIPING PLAN - ZONE 'C'
M3.1F	FIRST LEVEL HVAC PIPING PLAN - ZONE 'F'
M3.2A	SECOND LEVEL HVAC PIPING PLAN - ZONE 'A'
M3.2C	SECOND LEVEL HVAC PIPING PLAN - ZONE 'C'
M4.1C	FIRST LEVEL SHEET METAL PLAN - ZONE 'C'
M4.1F	FIRST LEVEL SHEET METAL PLAN - ZONE 'F'
M4.1G	FIRST LEVEL SHEET METAL PLAN - ZONE 'G'
M4.2A	SECOND LEVEL SHEET METAL PLAN - ZONE 'A'
M4.2C	SECOND LEVEL SHEET METAL PLAN - ZONE 'C'
M5.1A	ROOF MECHANICAL PLAN - ZONE 'A'
M5.1C	ROOF MECHANICAL PLAN - ZONE 'C'
M5.1D	ROOF MECHANICAL PLAN - ZONE 'D'
M5.1E	ROOF MECHANICAL PLAN - ZONE 'E'
M5.1F	ROOF MECHANICAL PLAN - ZONE 'F'
M6.1	MECHANICAL DETAILS
M6.2	MECHANICAL DETAILS
M6.3	MECHANICAL DETAILS
M6.4	MECHANICAL DETAILS
M7.1	MECHANICAL SCHEDULES
M7.2	MECHANICAL SCHEDULES
M7.3	MECHANICAL SCHEDULES
M7.4	MECHANICAL SCHEDULES
M8.1	TEMPERATURE CONTROLS
M8.2	TEMPERATURE CONTROLS
M8.3	TEMPERATURE CONTROLS
M8.4	TEMPERATURE CONTROLS

STANDARD METHODS OF NOTATION

S-1 10a 350-4	SUPPLY DIFFUSER WITH SCHEDULE TAG "1", 10" DIAMETER NECK SIZE 350 CFM TYPICAL FOR 4
R-1 22x22 640	RETURN REGISTER WITH SCHEDULE TAG "1", 22"x 22" NECK SIZE 640 CFM TYPICAL FOR 2 EXHAUST REGISTER E DESIGNATION SIMILAR.
TU-101	AIR TERMINAL UNIT WITH HEATING COIL NO. 101 WITH SERVICE CLEARANCE SHOWN
VTU-101	VENTURI AIR TERMINAL WITH HEATING COIL NO. 101 WITH SERVICE CLEARANCE SHOWN
(2)WC-1 FD-1	PLUMBING FIXTURE UNIT IDENTIFICATION TAG WATER CLOSET TYPE "1" TYPICAL FOR 2
8	PIPE DIAMETER NOTATION ALL SIZES IN INCHES
8a 22x10 18x14a	DUCT SIZE NOTATION ALL SIZES IN INCHES OVAL DUCT RECTANGULAR DUCT
1	CONSTRUCTION KEY NOTE (NUMBER) OR DEMOLITION KEY NOTE (LETTER)
EF-1	EQUIPMENT DESIGNATION, (i.e. EXHAUST FAN NUMBER 1)
HW-1	PIPING RISER DESIGNATION, (i.e. HOT WATER RISER NUMBER 1)
	NEW SYSTEM COMPONENT EXISTING SYSTEM COMPONENT TO REMAIN POINT OF NEW CONNECTION SYMBOL
1 M5.1	SECTION OR PLAN NUMBER SHEET WHERE SECTION IS DRAWN
1 M5.1	AREA OF ENLARGEMENT PLAN NUMBER SHEET WHERE ENLARGED PLAN IS DRAWN
1 M5.1 SECTION OR ENLARGED PLAN SCALE: 1/8" = 1' - 0"	SECTION OR PLAN NUMBER SHEET WHERE SECTION IS CUT OR ENLARGED PLAN IS REFERENCED
SHEET M1.0 SHEET M1.1	MATCHLINE
	HEAVY LINE WEIGHT INDICATES NEW WORK
	LIGHT LINE WEIGHT INDICATES EXISTING EQUIPMENT OR REFERENCED INFORMATION
	GRAY LINE INDICATES BACKGROUND INFORMATION
	DASHED LINES INDICATE PIPING ROUTED BELOW SLAB OR GRADE
	HATCH MARKS INDICATE EQUIPMENT OR MATERIALS TO BE DISCONNECTED AND REMOVED.

NOTE: SOME SYMBOLS AND ABBREVIATIONS SHOWN MAY NOT APPLY TO THIS PROJECT.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL STANDARDS AND DRAWING INDEX

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

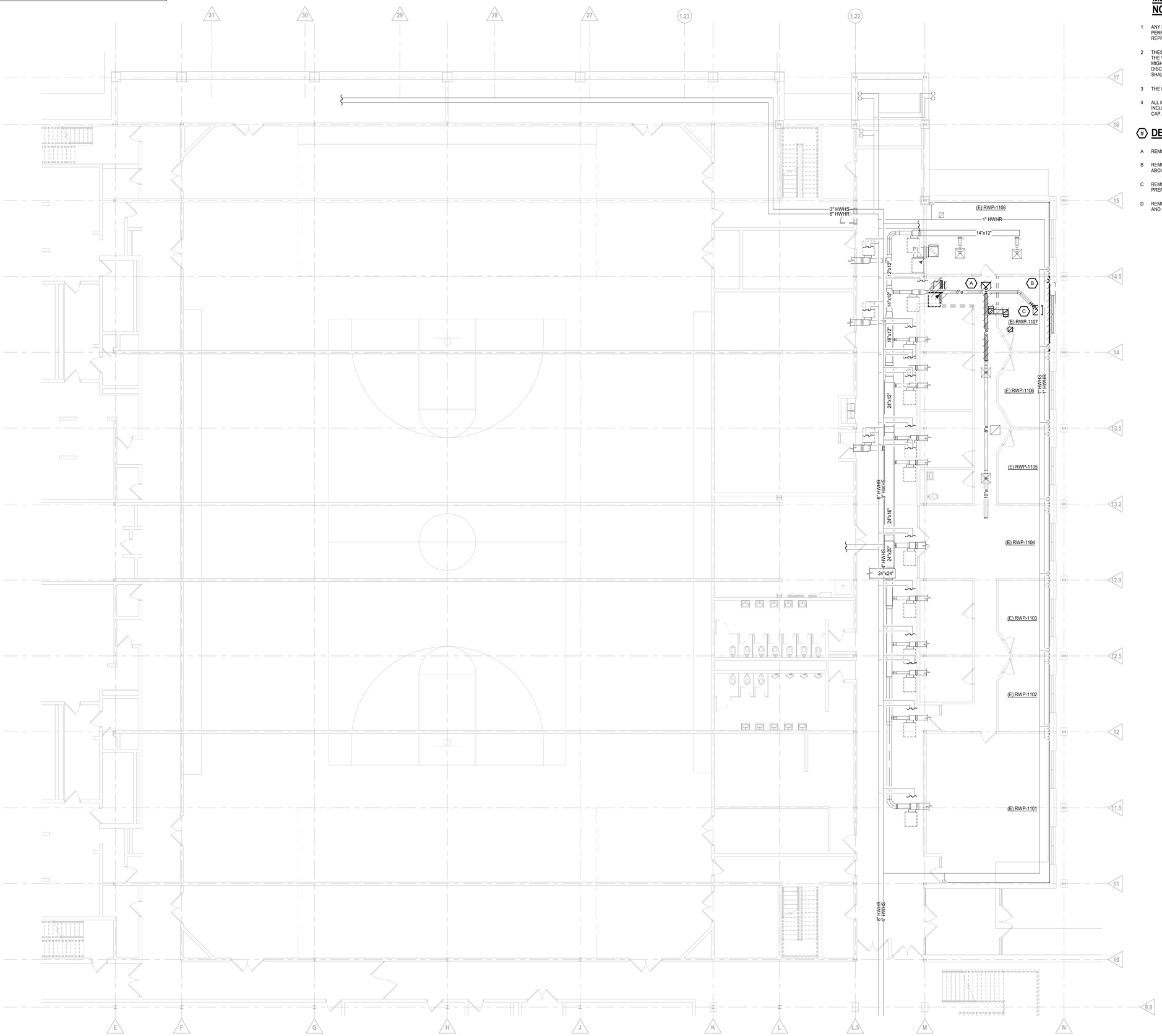
25026D

DRAWING NO.

M0.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:16 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL MECHANICAL DEMOLITION PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

MECHANICAL DEMOLITION GENERAL NOTES:

1 ANY INTERRUPTION OF EXISTING SERVICES AND/OR EQUIPMENT SHALL BE PERFORMED AT A TIME APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE.

2 THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK. ACTUAL ROUTING AND SIZES OF EXISTING PIPING AND DUCTWORK MIGHT DIFFER TO A LIMITED EXTENT FROM WHAT IS SHOWN. MAJOR DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL EXISTING CONDITIONS SHALL BE REPORTED TO THE ENGINEER.

3 THE EXACT EXTENT OF DEMOLITION SHALL BE AS REQUIRED BY THE NEW WORK.

4 ALL MECHANICAL ITEMS TO BE REMOVED SHALL BE REMOVED COMPLETE, INCLUDING ALL RELATED ITEMS SUCH AS HANGERS, SUPPORTS, CONTROLS, ETC. CAP ALL OPEN ENDED PIPES AND DUCTWORK.

(#) DEMOLITION KEY NOTES:

A REMOVE DIFFUSER AND ASSOCIATED DUCTWORK BACK TO MAIN AND CAP.

B REMOVE EXISTING RADIANT WALL PANEL AND ASSOCIATED HWHR PIPING TO ABOVE CEILING AND CAP. PREPARE HWHS PIPING FOR RECONNECTION.

C REMOVE EXISTING DIFFUSER AND ASSOCIATED DUCT TO POINT INDICATED. PREPARE DUCTWORK FOR RECONNECTION.

D REMOVE EXISTING TERMINAL UNIT AND ASSOCIATED DUCTWORK AND DIFFUSERS AND CONTROLS. CAP DUCTWORK ABOVE CEILING.

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

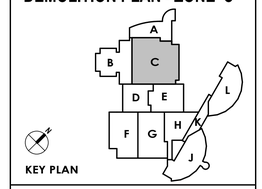
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL MECHANICAL DEMOLITION PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

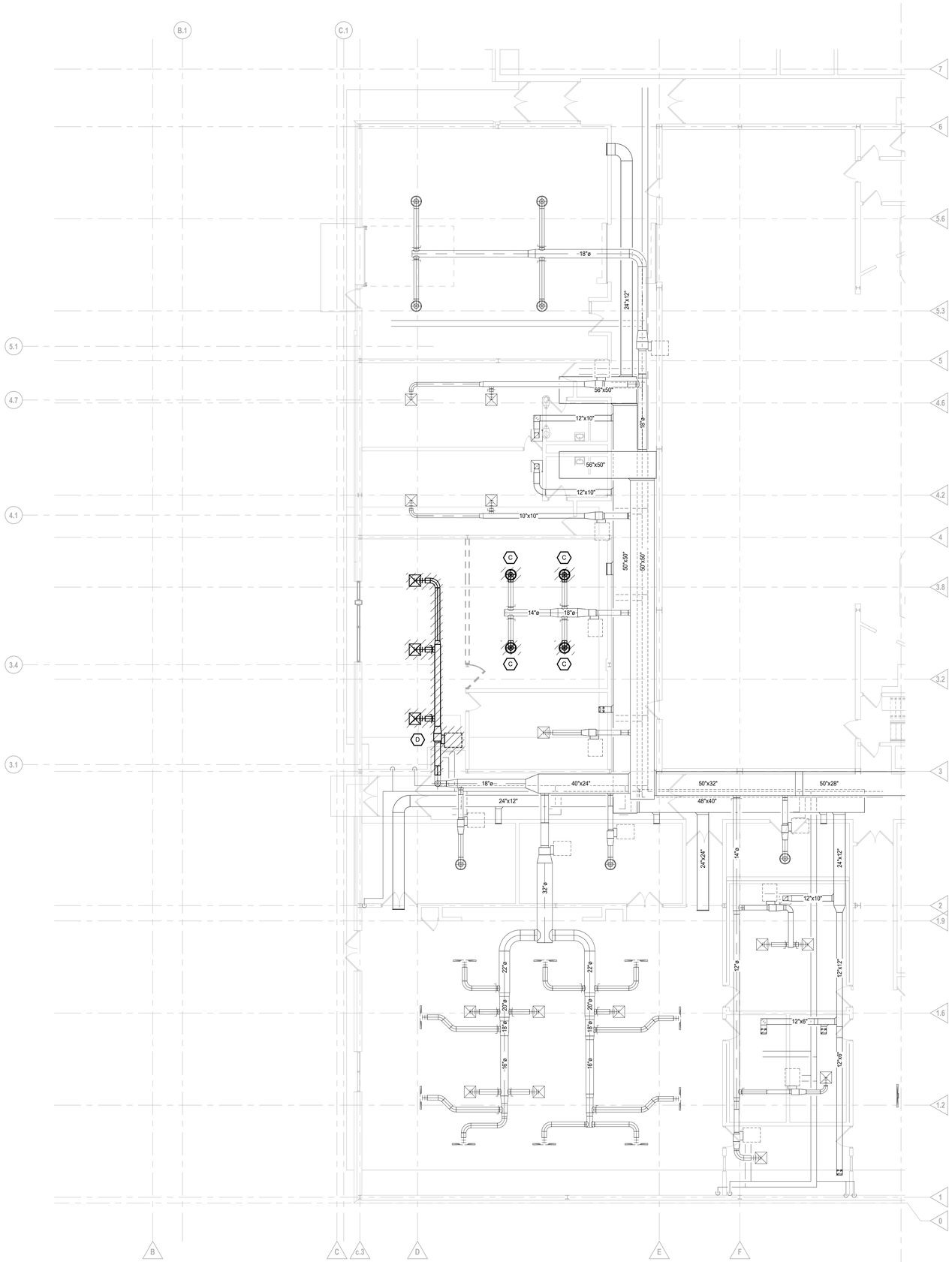
25026D

DRAWING NO.

MD1.1C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:19:55 AM - Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



MECHANICAL DEMOLITION GENERAL NOTES:

1 ANY INTERRUPTION OF EXISTING SERVICES AND/OR EQUIPMENT SHALL BE PERFORMED AT A TIME APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE.

2 THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK. ACTUAL ROUTING AND SIZES OF EXISTING PIPING AND DUCTWORK MIGHT DIFFER TO A LIMITED EXTENT FROM WHAT IS SHOWN. MAJOR DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL EXISTING CONDITIONS SHALL BE REPORTED TO THE ENGINEER.

3 THE EXACT EXTENT OF DEMOLITION SHALL BE AS REQUIRED BY THE NEW WORK.

4 ALL MECHANICAL ITEMS TO BE REMOVED SHALL BE REMOVED COMPLETE, INCLUDING ALL RELATED ITEMS SUCH AS HANGERS, SUPPORTS, CONTROLS, ETC. CAP ALL OPEN ENDED PIPES AND DUCTWORK.

(#) DEMOLITION KEY NOTES:

A REMOVE DIFFUSER AND ASSOCIATED DUCTWORK BACK TO MAIN AND CAP.

B REMOVE EXISTING RADIANT WALL PANEL AND ASSOCIATED HWHR PIPING TO ABOVE CEILING AND CAP. PREPARE HWHS PIPING FOR RECONNECTION.

C REMOVE EXISTING DIFFUSER AND ASSOCIATED DUCT TO POINT INDICATED. PREPARE DUCTWORK FOR RECONNECTION.

D REMOVE EXISTING TERMINAL UNIT AND ASSOCIATED DUCTWORK AND DIFFUSERS AND CONTROLS. CAP DUCTWORK ABOVE CEILING.

FIRST LEVEL MECHANICAL DEMOLITION PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

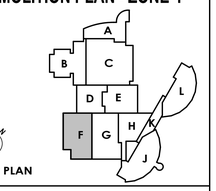
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL MECHANICAL DEMOLITION PLAN - ZONE 'F'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

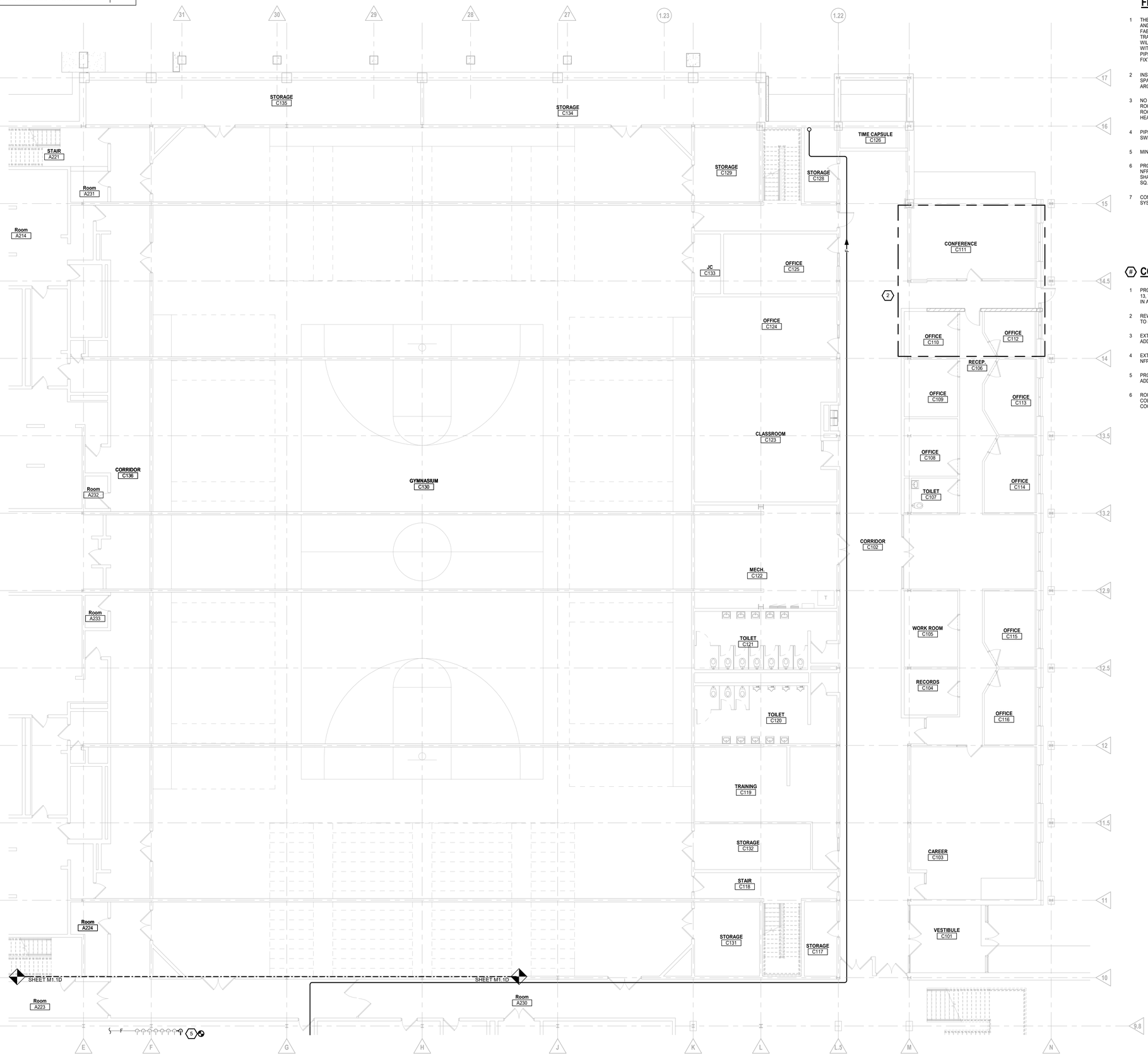
25026D

DRAWING NO.

MD1.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:19:57 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRE PROTECTION GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. NO SPRINKLER PIPING SHALL BE ROUTED THROUGH ELECTRICAL EQUIPMENT ROOMS, TELECOMMUNICATION EQUIPMENT ROOMS, ELEVATOR EQUIPMENT ROOMS OR SIMILAR ROOMS. ONLY SPRINKLER PIPING SERVING SPRINKLERS HEADS IN THOSE ROOMS SHALL BE ALLOWED.
4. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
5. MINIMUM RUN-OUT PIPE SIZE TO SPRINKLER HEADS SHALL BE 1".
6. PROVIDE AN AUTOMATIC WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 ORDINARY HAZARD LEVEL 2 CLASSIFICATION. HYDRAULIC CALCULATIONS SHALL BE BASED ON DENSITY OF 0.20 GPM/SQ FT. OVER THE MOST REMOTE 1500 SQ. FT.
7. CONTRACTOR SHALL MAKE THEIR OWN PRESSURE AND FLOW TEST PRIOR TO SYSTEM DESIGN.

(#) CONSTRUCTION KEY NOTES:

1. PROVIDE AUTOMATIC WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13. THE AUTHORITY HAVING JURISDICTION, AND THE OWNERS INSURING AGENCY IN AREA INDICATED.
2. REWORK EXISTING WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 TO MATCH NEW LAYOUT.
3. EXTEND EXISTING ADJACENT FIRE SUPPRESSION ZONE PIPING TO SERVE NEW ADDITION. PROVIDE WET PIPE SPRINKLER SYSTEM PER NFPA 13.
4. EXTEND EXISTING ADJACENT FIRE SUPPRESSION PIPING IN ACCORDANCE WITH NFPA 13 TO ACCOMMODATE NEW MEZZANINE.
5. PROVIDE NEW FIRE RISER AT EXISTING ZONE RISER ASSEMBLY TO SUPPLY NEW ADDITION.
6. ROUTE BRANCH PIPING SERVING VESTIBULE DOWN ALONG COLUMN BETWEEN COLUMN AND CURTAIN WALL. SECTION OF PIPING TO BE PAINTED WHITE. COORDINATE WITH ARCHITECTURAL DETAILS.

FIRST LEVEL FIRE PROTECTION PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

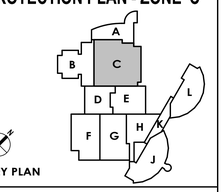
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL FIRE PROTECTION PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

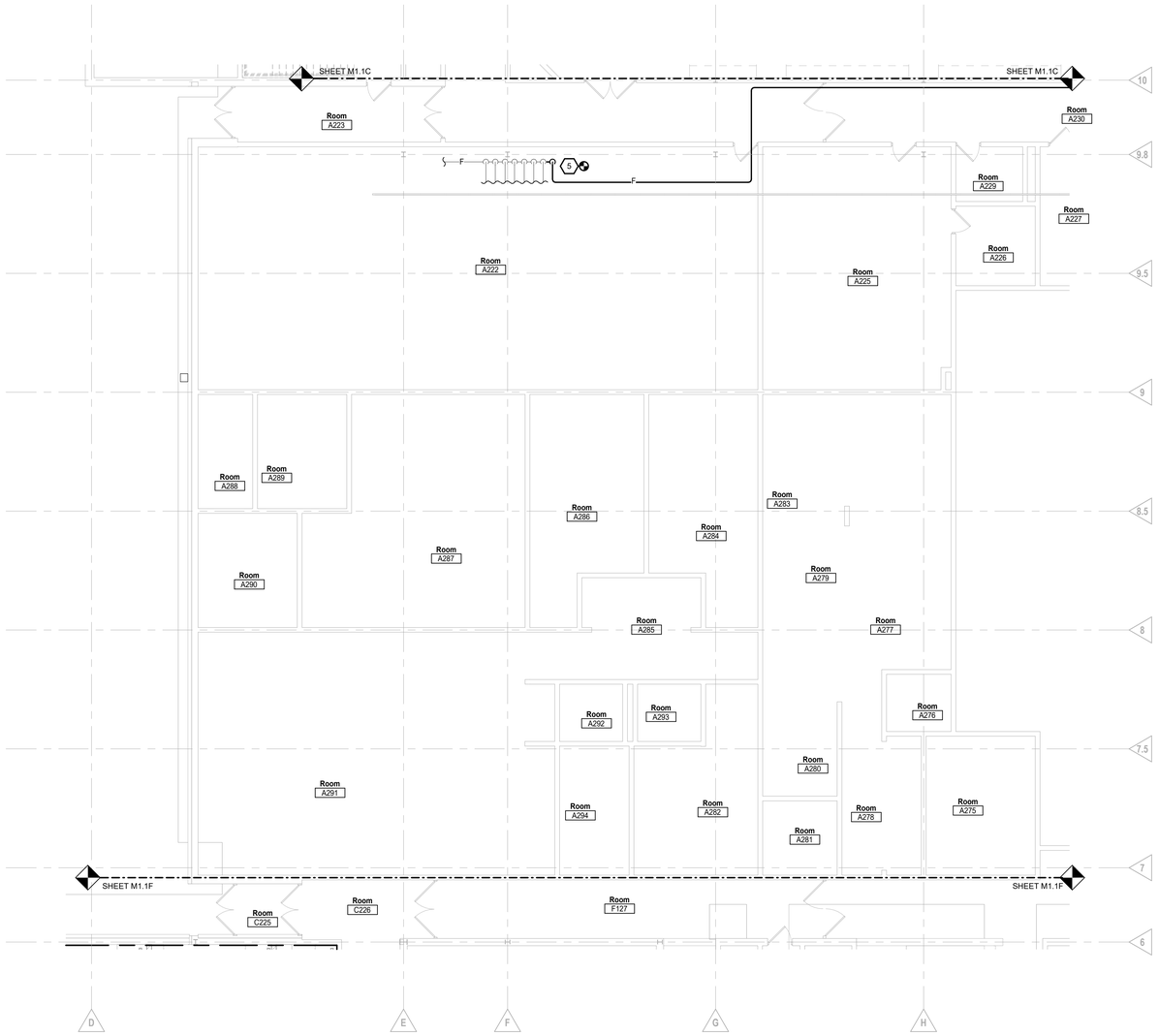
25026D

DRAWING NO.

M1.1C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:19 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL FIRE PROTECTION PLAN - ZONE 'D'

SCALE: 1/8" = 1'-0"

FIRE PROTECTION GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 NO SPRINKLER PIPING SHALL BE ROUTED THROUGH ELECTRICAL EQUIPMENT ROOMS, TELECOMMUNICATION EQUIPMENT ROOMS, ELEVATOR EQUIPMENT ROOMS OR SIMILAR ROOMS. ONLY SPRINKLER PIPING SERVING SPRINKLERS HEADS IN THOSE ROOMS SHALL BE ALLOWED.

4 PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

5 MINIMUM RUN-OUT PIPE SIZE TO SPRINKLER HEADS SHALL BE 1".

6 PROVIDE AN AUTOMATIC WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 ORDINARY HAZARD LEVEL 2 CLASSIFICATION. HYDRAULIC CALCULATIONS SHALL BE BASED ON DENSITY OF 0.20 GPM/SQ FT. OVER THE MOST REMOTE 1500 SQ. FT.

7 CONTRACTOR SHALL MAKE THEIR OWN PRESSURE AND FLOW TEST PRIOR TO SYSTEM DESIGN.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE AUTOMATIC WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13, THE AUTHORITY HAVING JURISDICTION, AND THE OWNERS INSURING AGENCY IN AREA INDICATED.

2 REWORK EXISTING WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 TO MATCH NEW LAYOUT.

3 EXTEND EXISTING ADJACENT FIRE SUPPRESSION ZONE PIPING TO SERVE NEW ADDITION. PROVIDE WET PIPE SPRINKLER SYSTEM PER NFPA 13.

4 EXTEND EXISTING ADJACENT FIRE SUPPRESSION PIPING IN ACCORDANCE WITH NFPA 13 TO ACCOMMODATE NEW MEZZANINE.

5 PROVIDE NEW FIRE RISER AT EXISTING ZONE RISER ASSEMBLY TO SUPPLY NEW ADDITION.

6 ROUTE BRANCH PIPING SERVING VESTIBULE DOWN ALONG COLUMN BETWEEN COLUMN AND CURTAIN WALL. SECTION OF PIPING TO BE PAINTED WHITE. COORDINATE WITH ARCHITECTURAL DETAILS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

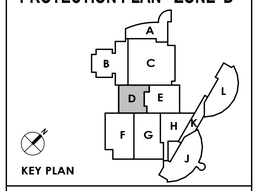
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL FIRE PROTECTION PLAN - ZONE 'D'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

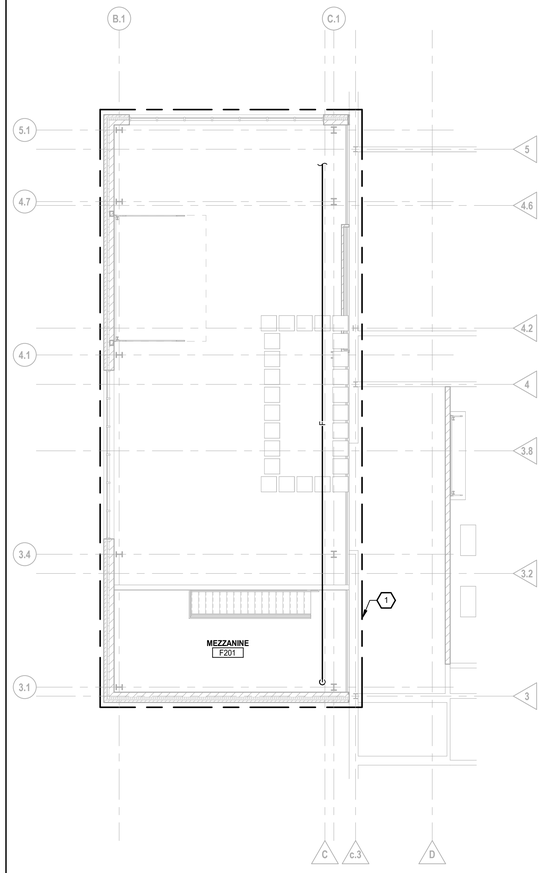
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M1.1D

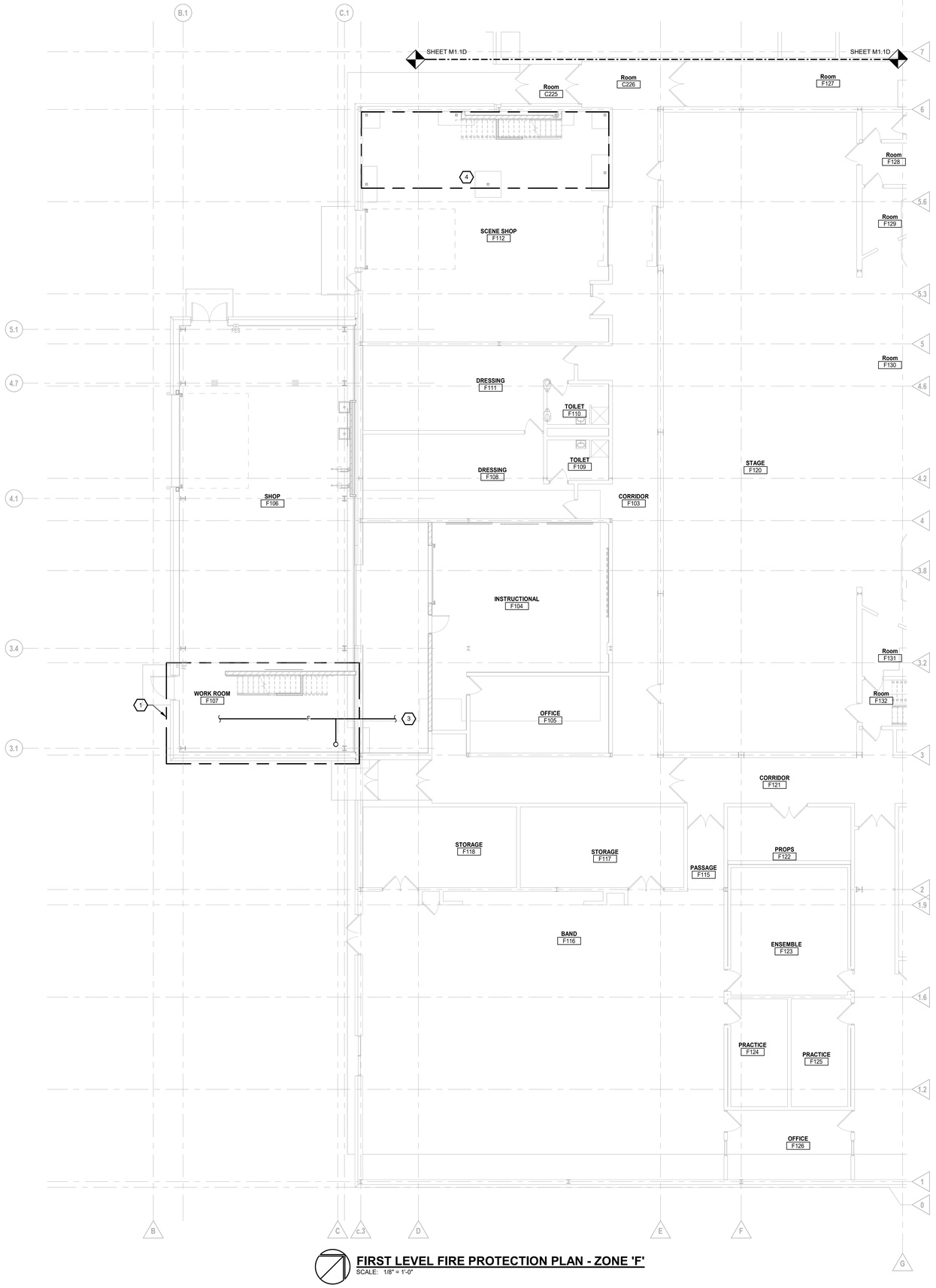
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:21 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



MEZZANINE FLOOR FIRE PROTECTION PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"



FIRST LEVEL FIRE PROTECTION PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

FIRE PROTECTION GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. NO SPRINKLER PIPING SHALL BE ROUTED THROUGH ELECTRICAL EQUIPMENT ROOMS, TELECOMMUNICATION EQUIPMENT ROOMS, ELEVATOR EQUIPMENT ROOMS OR SIMILAR ROOMS. ONLY SPRINKLER PIPING SERVING SPRINKLERS HEADS IN THOSE ROOMS SHALL BE ALLOWED.
4. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
5. MINIMUM RUN-OUT PIPE SIZE TO SPRINKLER HEADS SHALL BE 1".
6. PROVIDE AN AUTOMATIC WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 ORDINARY HAZARD LEVEL 2 CLASSIFICATION. HYDRAULIC CALCULATIONS SHALL BE BASED ON DENSITY OF 0.20 GPM/SQ FT. OVER THE MOST REMOTE 1500 SQ. FT.
7. CONTRACTOR SHALL MAKE THEIR OWN PRESSURE AND FLOW TEST PRIOR TO SYSTEM DESIGN.

(#) CONSTRUCTION KEY NOTES:

1. PROVIDE AUTOMATIC WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13. THE AUTHORITY HAVING JURISDICTION, AND THE OWNERS INSURING AGENCY IN AREA INDICATED.
2. REWORK EXISTING WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 TO MATCH NEW LAYOUT.
3. EXTEND EXISTING ADJACENT FIRE SUPPRESSION ZONE PIPING TO SERVE NEW ADDITION. PROVIDE WET PIPE SPRINKLER SYSTEM PER NFPA 13.
4. EXTEND EXISTING ADJACENT FIRE SUPPRESSION PIPING IN ACCORDANCE WITH NFPA 13 TO ACCOMMODATE NEW MEZZANINE.
5. PROVIDE NEW FIRE RISER AT EXISTING ZONE RISER ASSEMBLY TO SUPPLY NEW ADDITION.
6. ROUTE BRANCH PIPING SERVING VESTIBULE DOWN ALONG COLUMN BETWEEN COLUMN AND CURTAIN WALL. SECTION OF PIPING TO BE PAINTED WHITE. COORDINATE WITH ARCHITECTURAL DETAILS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

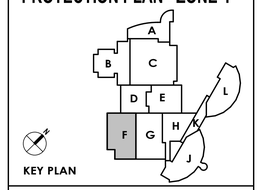
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL FIRE PROTECTION PLAN - ZONE 'F'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

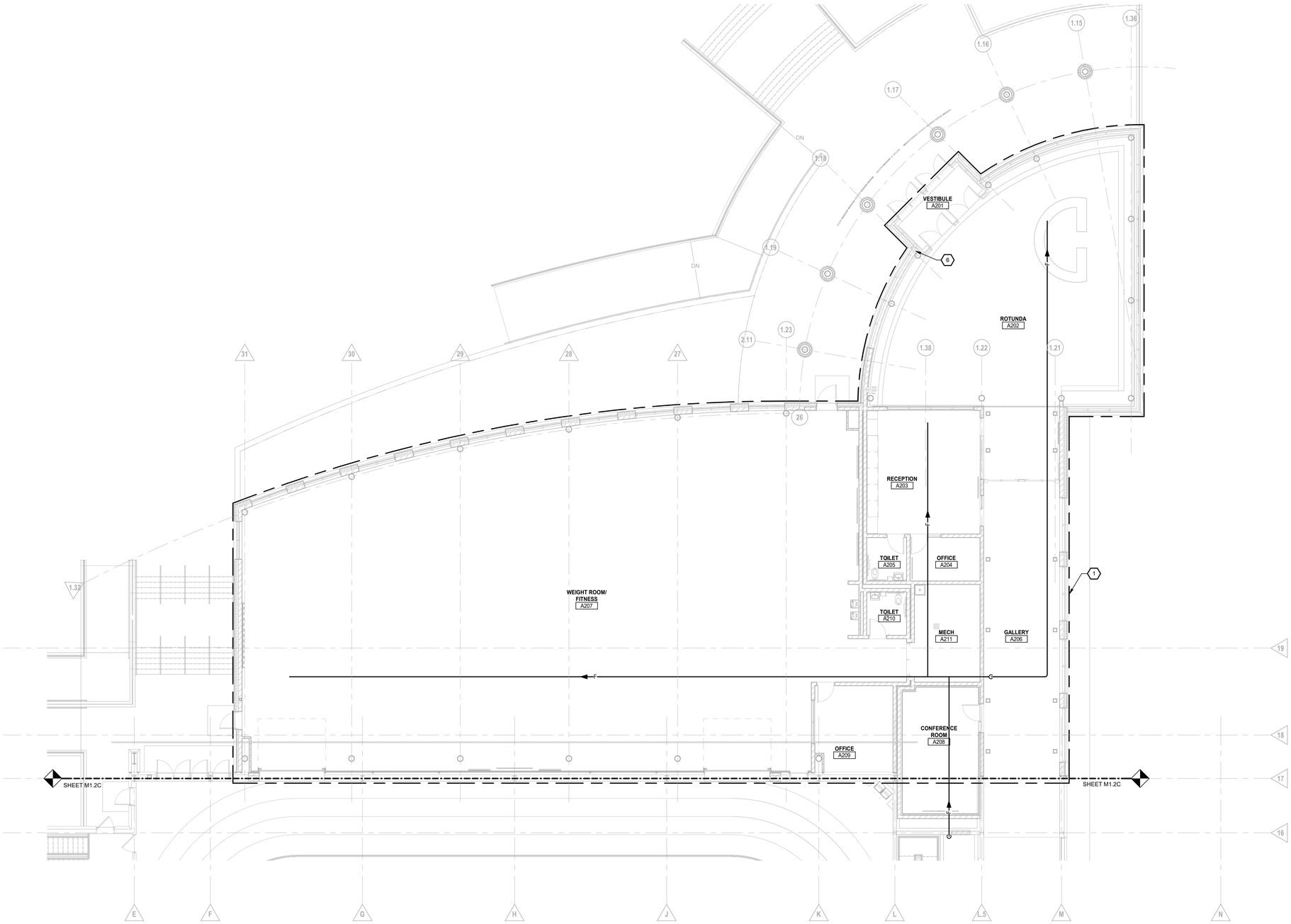
25026D

DRAWING NO.

M1.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:24 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL FIRE PROTECTION PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

FIRE PROTECTION GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 NO SPRINKLER PIPING SHALL BE ROUTED THROUGH ELECTRICAL EQUIPMENT ROOMS, TELECOMMUNICATION EQUIPMENT ROOMS, ELEVATOR EQUIPMENT ROOMS OR SIMILAR ROOMS. ONLY SPRINKLER PIPING SERVING SPRINKLERS HEADS IN THOSE ROOMS SHALL BE ALLOWED.

4 PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

5 MINIMUM RUN-OUT PIPE SIZE TO SPRINKLER HEADS SHALL BE 1".

6 PROVIDE AN AUTOMATIC WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 ORDINARY HAZARD LEVEL 2 CLASSIFICATION. HYDRAULIC CALCULATIONS SHALL BE BASED ON DENSITY OF 0.20 GPM/SQ FT. OVER THE MOST REMOTE 1500 SQ. FT.

7 CONTRACTOR SHALL MAKE THEIR OWN PRESSURE AND FLOW TEST PRIOR TO SYSTEM DESIGN.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE AUTOMATIC WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13, THE AUTHORITY HAVING JURISDICTION, AND THE OWNERS INSURING AGENCY IN AREA INDICATED.

2 REWORK EXISTING WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 TO MATCH NEW LAYOUT.

3 EXTEND EXISTING ADJACENT FIRE SUPPRESSION ZONE PIPING TO SERVE NEW ADDITION. PROVIDE WET PIPE SPRINKLER SYSTEM PER NFPA 13.

4 EXTEND EXISTING ADJACENT FIRE SUPPRESSION PIPING IN ACCORDANCE WITH NFPA 13 TO ACCOMMODATE NEW MEZZANINE.

5 PROVIDE NEW FIRE RISER AT EXISTING ZONE RISER ASSEMBLY TO SUPPLY NEW ADDITION.

6 ROUTE BRANCH PIPING SERVING VESTIBULE DOWN ALONG COLUMN BETWEEN COLUMN AND CURTAIN WALL. SECTION OF PIPING TO BE PAINTED WHITE. COORDINATE WITH ARCHITECTURAL DETAILS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

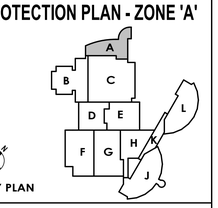
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL FIRE PROTECTION PLAN - ZONE 'A'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

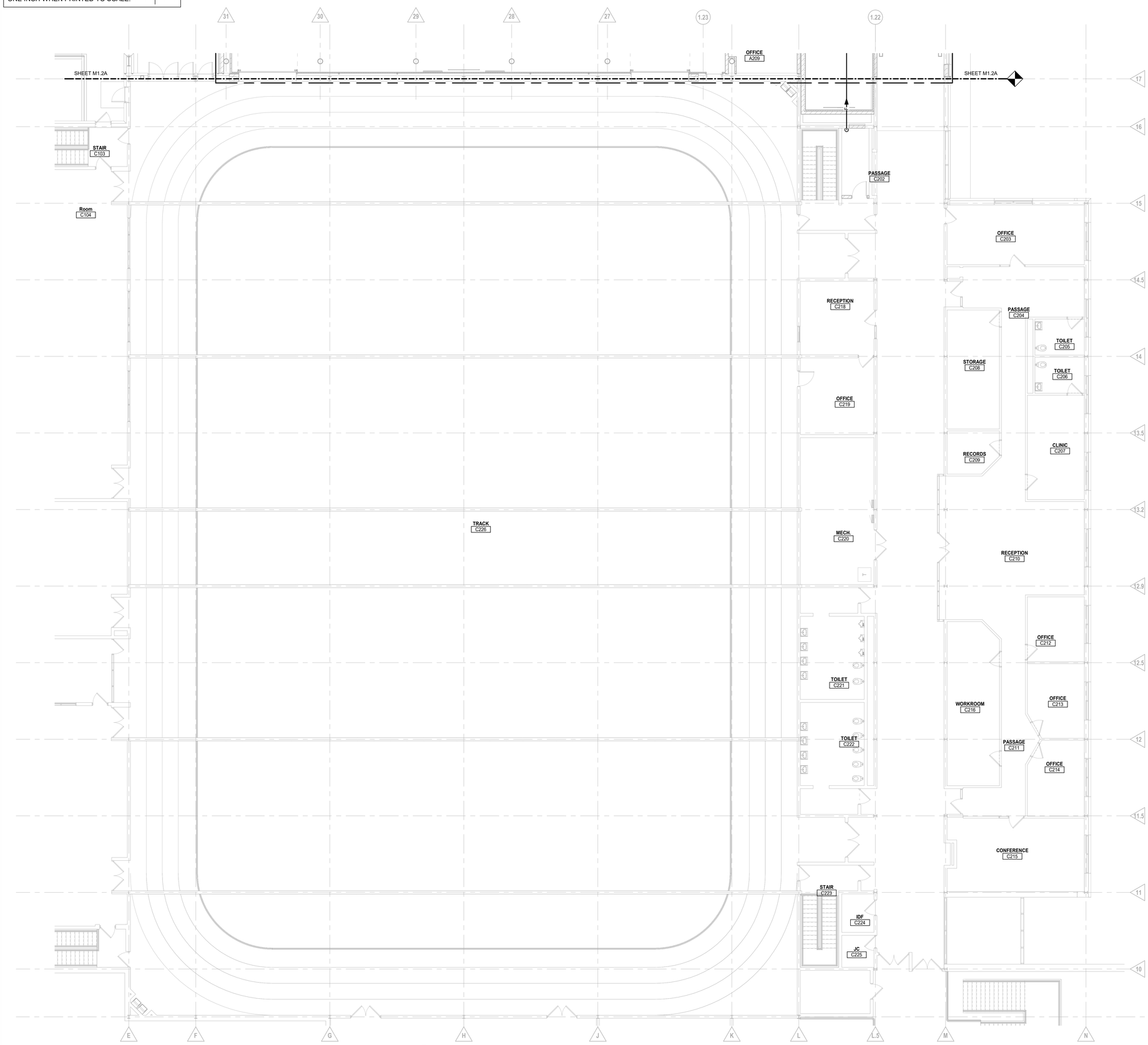
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M1.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:27 AM - Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL FIRE PROTECTION PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

FIRE PROTECTION GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. NO SPRINKLER PIPING SHALL BE ROUTED THROUGH ELECTRICAL EQUIPMENT ROOMS, TELECOMMUNICATION EQUIPMENT ROOMS, ELEVATOR EQUIPMENT ROOMS OR SIMILAR ROOMS. ONLY SPRINKLER PIPING SERVING SPRINKLERS HEADS IN THOSE ROOMS SHALL BE ALLOWED.
4. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
5. MINIMUM RUN-OUT PIPE SIZE TO SPRINKLER HEADS SHALL BE 1".
6. PROVIDE AN AUTOMATIC WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 ORDINARY HAZARD LEVEL 2 CLASSIFICATION. HYDRAULIC CALCULATIONS SHALL BE BASED ON DENSITY OF 0.20 GPM/SQ FT. OVER THE MOST REMOTE 1500 SQ. FT.
7. CONTRACTOR SHALL MAKE THEIR OWN PRESSURE AND FLOW TEST PRIOR TO SYSTEM DESIGN.

(#) CONSTRUCTION KEY NOTES:

1. PROVIDE AUTOMATIC WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13. THE AUTHORITY HAVING JURISDICTION, AND THE OWNERS INSURING AGENCY IN AREA INDICATED.
2. REWORK EXISTING WET PIPE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13 TO MATCH NEW LAYOUT.
3. EXTEND EXISTING ADJACENT FIRE SUPPRESSION ZONE PIPING TO SERVE NEW ADDITION. PROVIDE WET PIPE SPRINKLER SYSTEM PER NFPA 13.
4. EXTEND EXISTING ADJACENT FIRE SUPPRESSION PIPING IN ACCORDANCE WITH NFPA 13 TO ACCOMMODATE NEW MEZZANINE.
5. PROVIDE NEW FIRE RISER AT EXISTING ZONE RISER ASSEMBLY TO SUPPLY NEW ADDITION.
6. ROUTE BRANCH PIPING SERVING VESTIBULE DOWN ALONG COLUMN BETWEEN COLUMN AND CURTAIN WALL. SECTION OF PIPING TO BE PAINTED WHITE. COORDINATE WITH ARCHITECTURAL DETAILS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

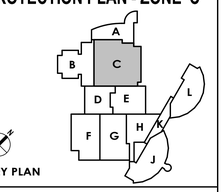
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL FIRE PROTECTION PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

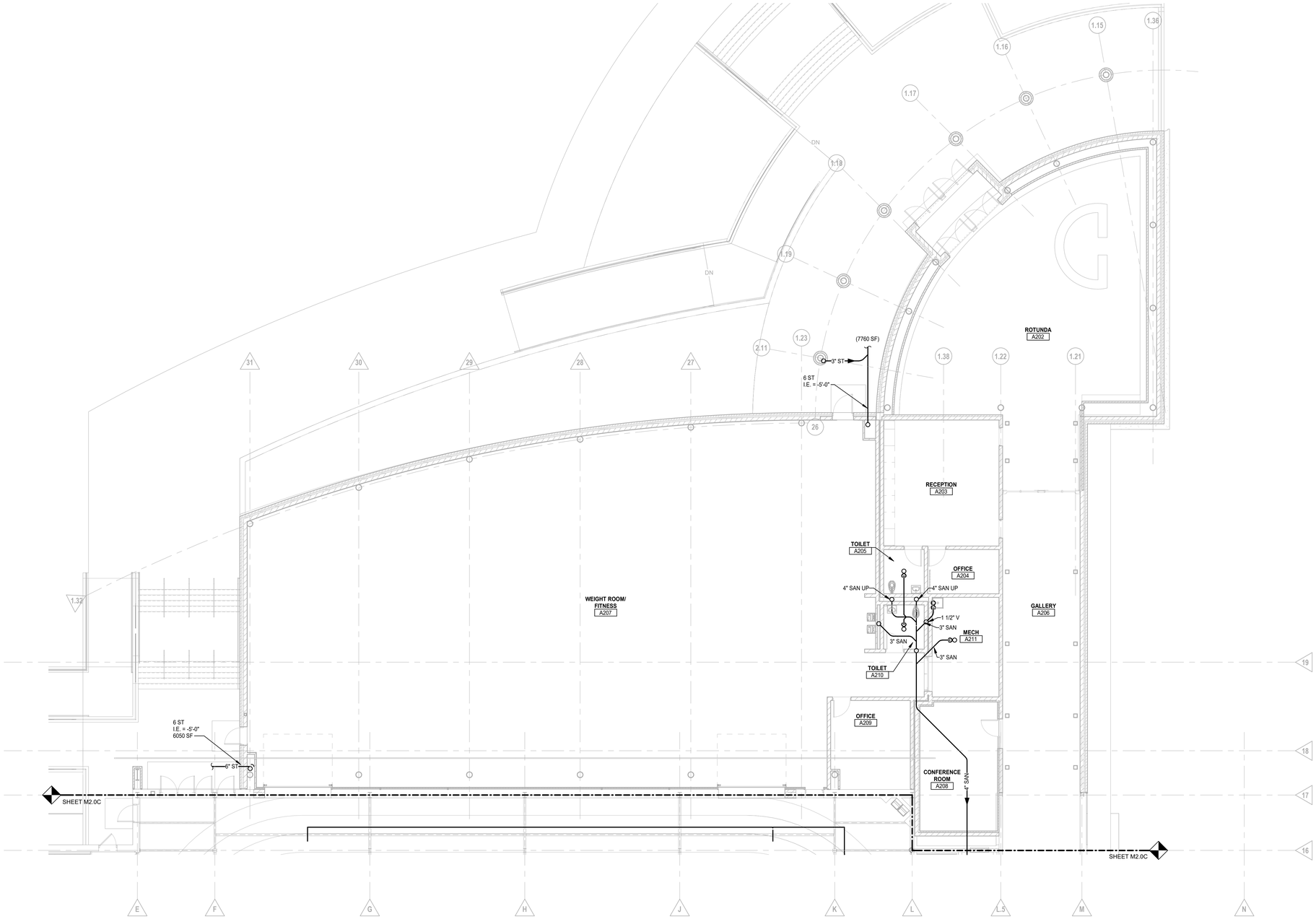
25026D

DRAWING NO.

M1.2C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:30 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



UNDERGROUND PLUMBING PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.

7 HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.

8 PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.

9 PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.

10 MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

(#) CONSTRUCTION KEY NOTES:

1 ALTERNATE NO.1: ROUTE CONDENSATE FROM DESSICANT DEHUMIDIFIER TO ADJACENT MOP BASIN.

2 ROUTE CW, HW, AND HWR PIPING UP ABOVE EXISTING DROP TILE CEILING. REMOVE AND REINSTALLCEILING TILES AS REQUIRED TO ALLOW INSTALLATION THROUGH EXISTING GRID.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

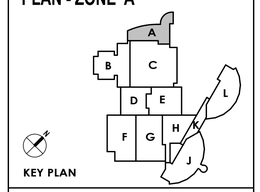
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

UNDERGROUND PLUMBING PLAN - ZONE 'A'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

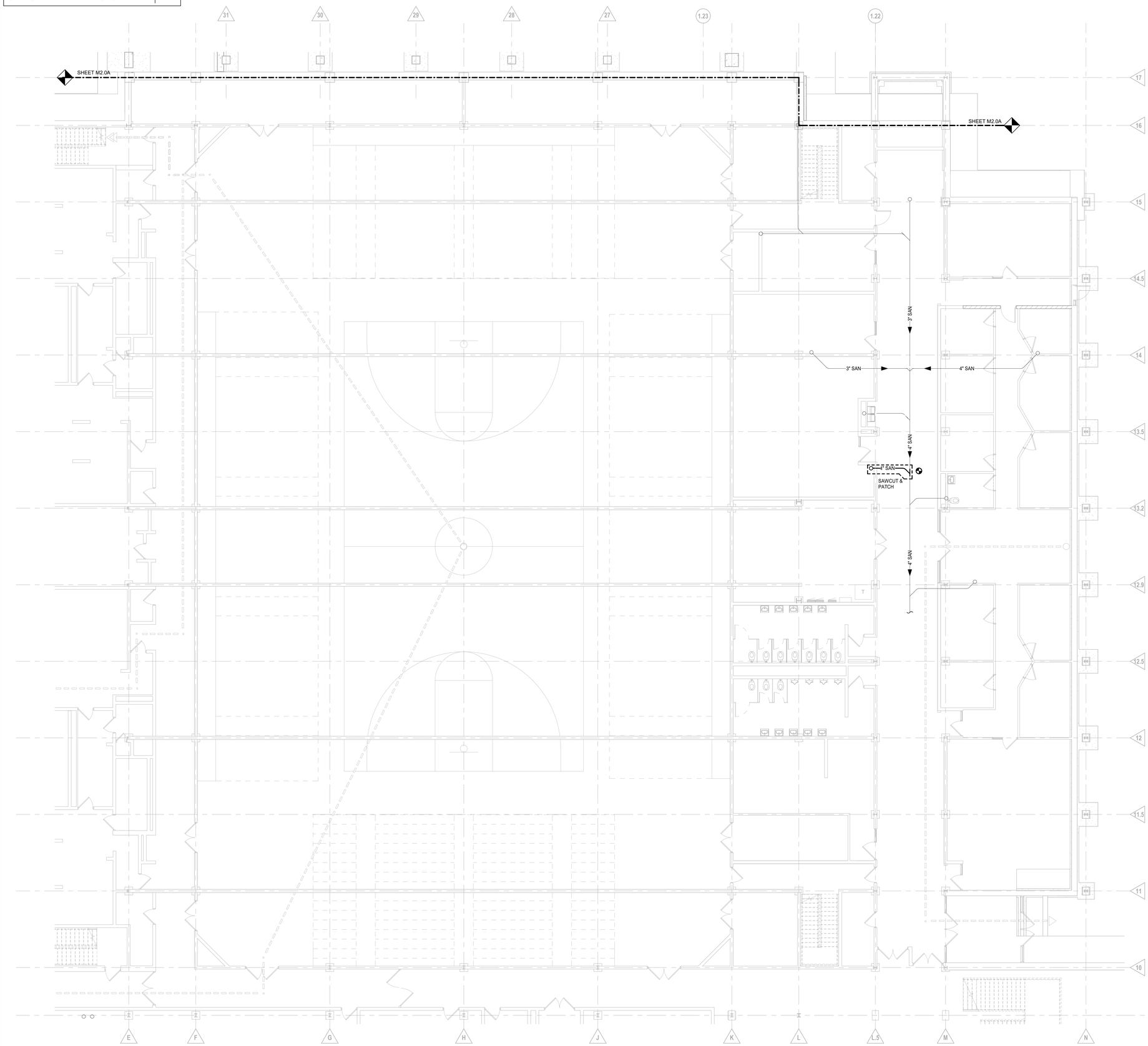
25026D

DRAWING NO.

M2.0A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:32 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



PLUMBING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.
7. HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.
8. PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.
9. PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
10. MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

(#) CONSTRUCTION KEY NOTES:

1. ALTERNATE NO.1: ROUTE CONDENSATE FROM DESSICANT DEHUMIDIFIER TO ADJACENT MOP BASIN.
2. ROUTE CW, HW, AND HWR PIPING UP ABOVE EXISTING DROP TILE CEILING. REMOVE AND REINSTALLCEILING TILES AS REQUIRED TO ALLOW INSTALLATION THROUGH EXISTING GRID.

UNDERGROUND PLUMBING PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

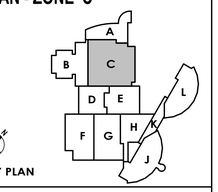
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

UNDERGROUND PLUMBING PLAN - ZONE 'C'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

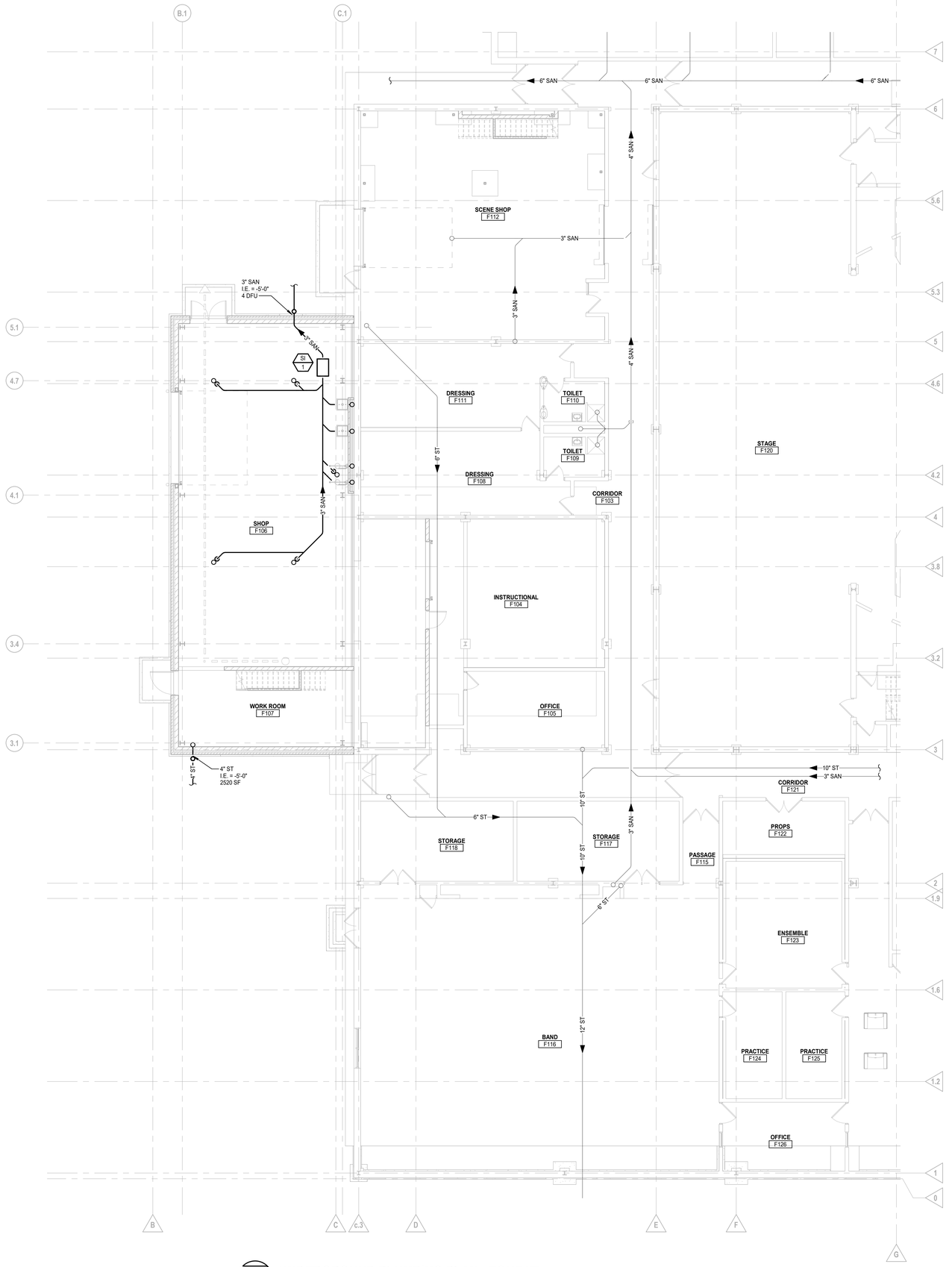
25026D

DRAWING NO.

M2.0C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:34 AM
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE.



UNDERGROUND PLUMBING PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.

7 HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.

8 PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.

9 PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.

10 MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

(#) CONSTRUCTION KEY NOTES:

1 ALTERNATE NO.1: ROUTE CONDENSATE FROM DESSICANT DEHUMIDIFIER TO ADJACENT MOP BASIN.

2 ROUTE CW, HW, AND HWR PIPING UP ABOVE EXISTING DROP TILE CEILING. REMOVE AND REINSTALLCEILING TILES AS REQUIRED TO ALLOW INSTALLATION THROUGH EXISTING GRID.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

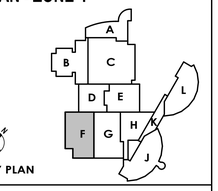
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

UNDERGROUND PLUMBING PLAN - ZONE 'F'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

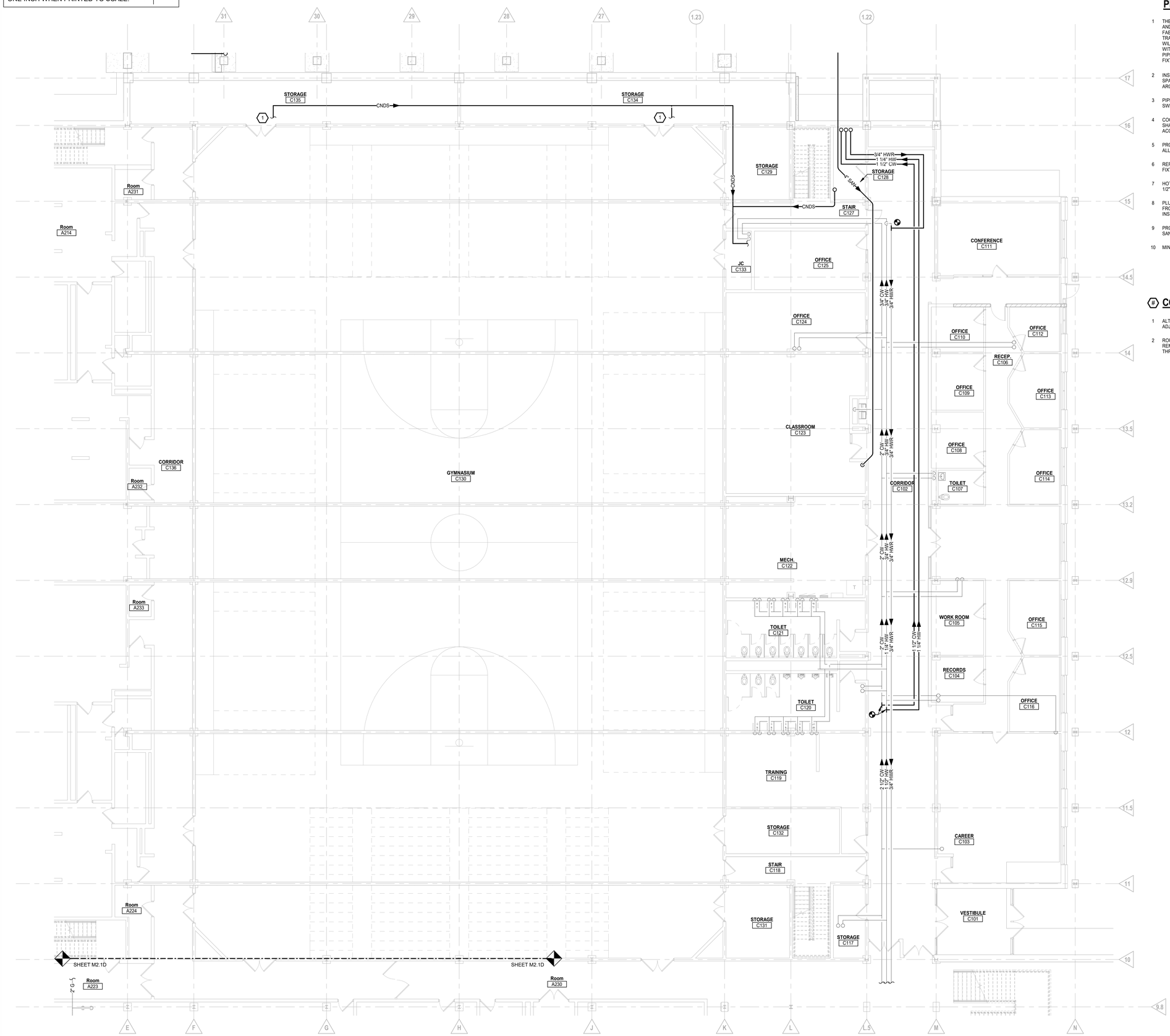
25026D

DRAWING NO.

M2.0F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:36 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



PLUMBING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.
7. HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.
8. PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.
9. PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
10. MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

(#) CONSTRUCTION KEY NOTES:

1. ALTERNATE NO.1: ROUTE CONDENSATE FROM DESSICANT DEHUMIDIFIER TO ADJACENT MOP BASIN.
2. ROUTE CW, HW, AND HWR PIPING UP ABOVE EXISTING DROP TILE CEILING. REMOVE AND REINSTALLCEILING TILES AS REQUIRED TO ALLOW INSTALLATION THROUGH EXISTING GRID.

FIRST LEVEL PLUMBING PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

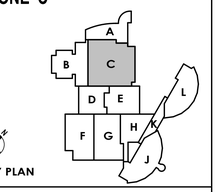
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL PLUMBING PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

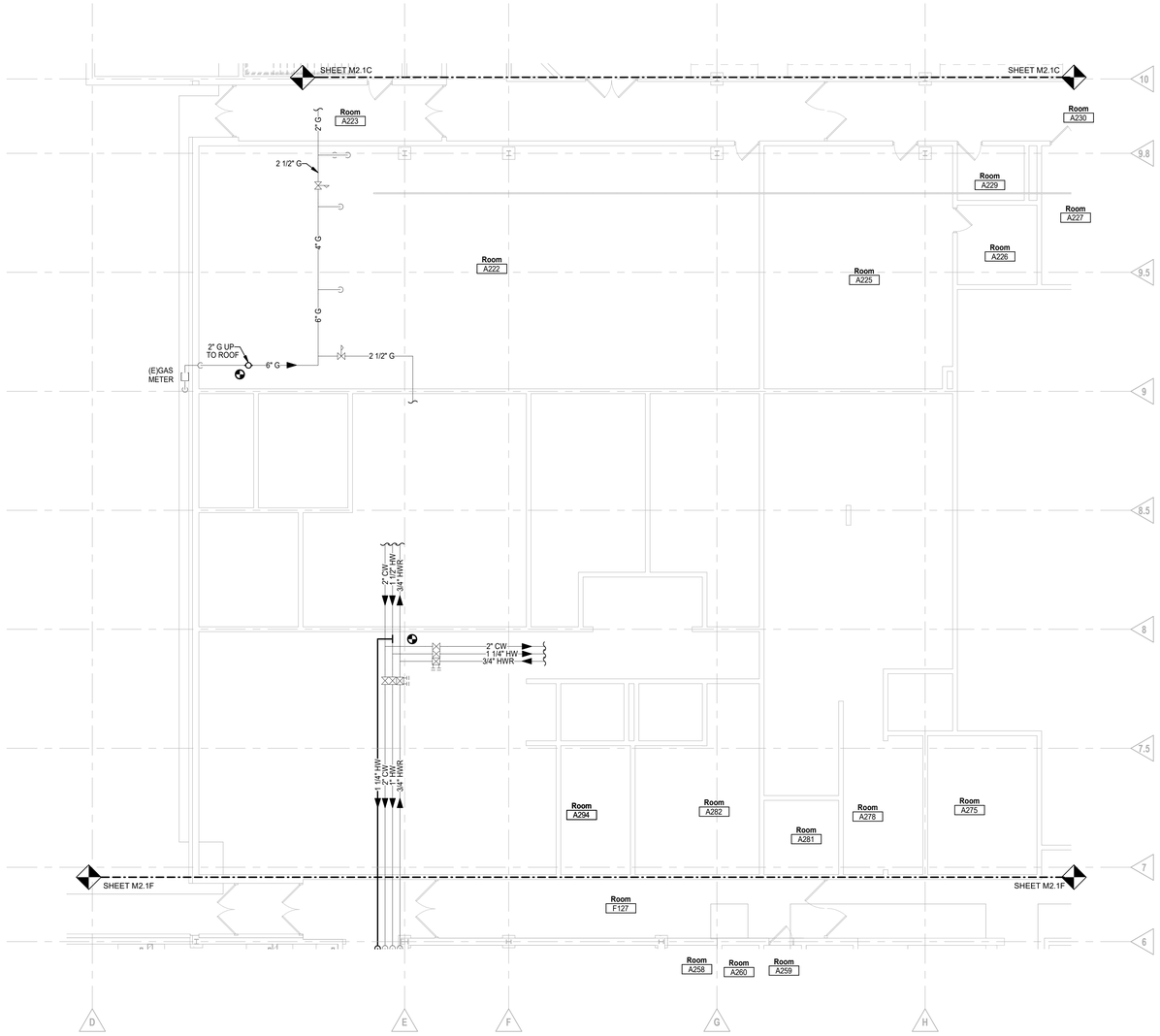
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M2.1C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:41 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL PLUMBING PLAN - ZONE 'D'

SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.

7 HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.

8 PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.

9 PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.

10 MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

(#) CONSTRUCTION KEY NOTES:

1 ALTERNATE NO.1: ROUTE CONDENSATE FROM DESSICANT DEHUMIDIFIER TO ADJACENT MOP BASIN.

2 ROUTE CW, HW, AND HWR PIPING UP ABOVE EXISTING DROP TILE CEILING. REMOVE AND REINSTALLCEILING TILES AS REQUIRED TO ALLOW INSTALLATION THROUGH EXISTING GRID.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

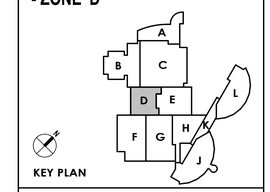
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL PLUMBING PLAN - ZONE 'D'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

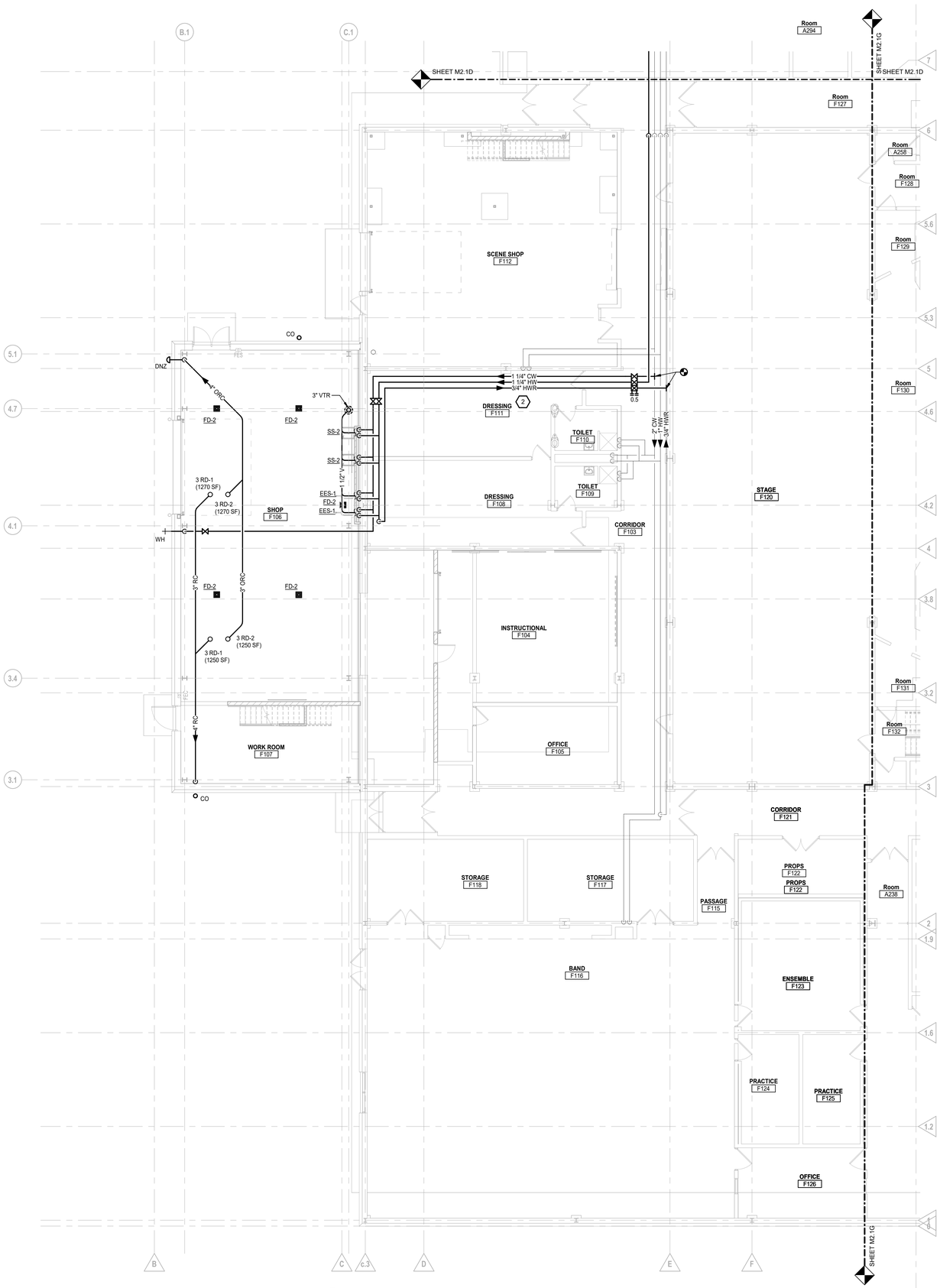
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M2.1D

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:16:42 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL PLUMBING PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.
7. HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.
8. PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.
9. PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
10. MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

(#) CONSTRUCTION KEY NOTES:

1. ALTERNATE NO.1: ROUTE CONDENSATE FROM DESSICANT DEHUMIDIFIER TO ADJACENT MOP BASIN.
2. ROUTE CW, HW, AND HWR PIPING UP ABOVE EXISTING DROP TILE CEILING. REMOVE AND REINSTALLCEILING TILES AS REQUIRED TO ALLOW INSTALLATION THROUGH EXISTING GRID.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

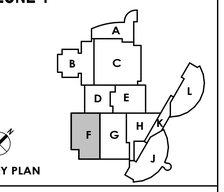
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL PLUMBING PLAN - ZONE 'F'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

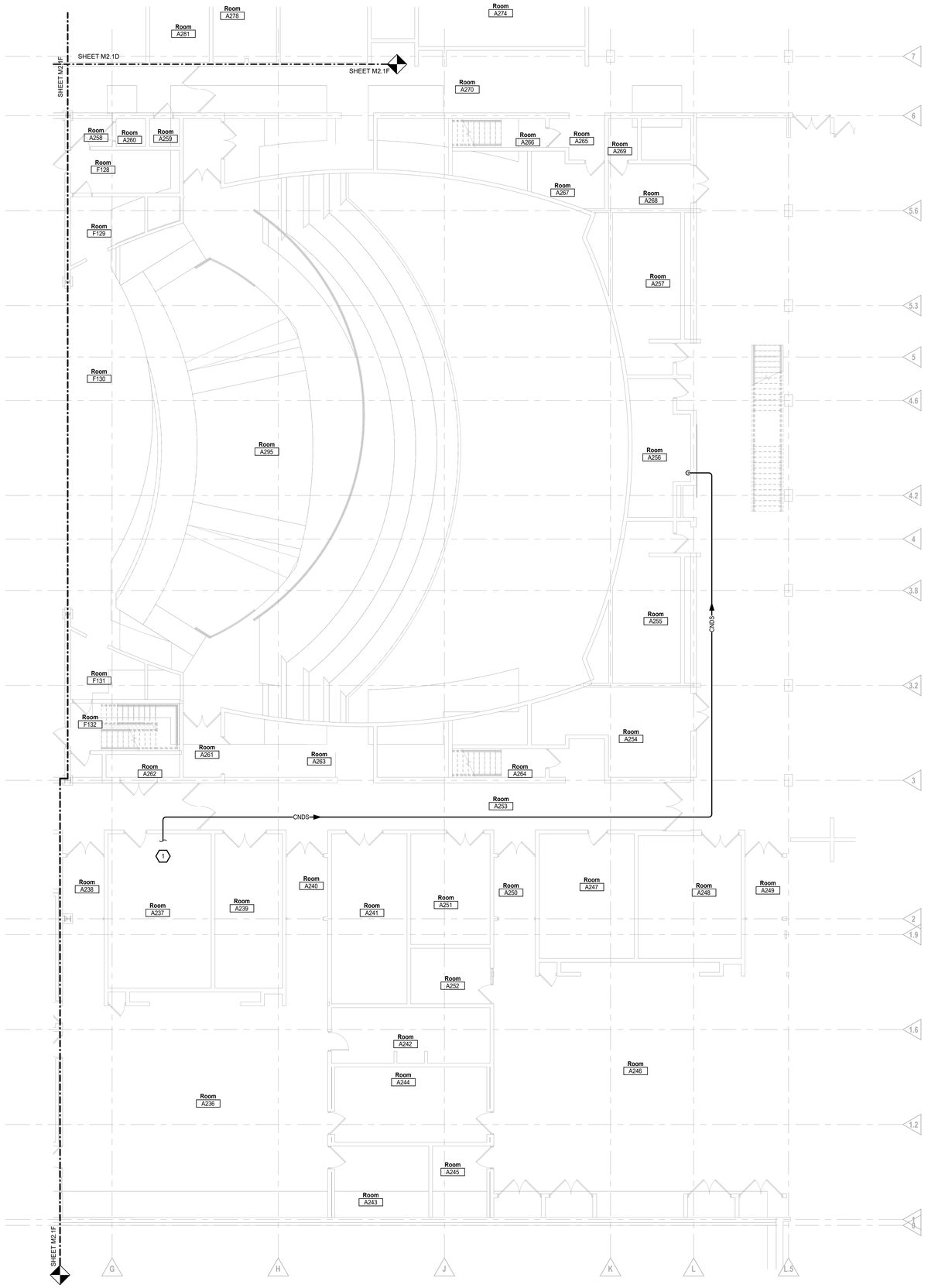
25026D

DRAWING NO.

M2.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:45 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL PLUMBING PLAN - ZONE 'G'

SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.
7. HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.
8. PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.
9. PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
10. MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

(#) CONSTRUCTION KEY NOTES:

1. ALTERNATE NO.1: ROUTE CONDENSATE FROM DESSICANT DEHUMIDIFIER TO ADJACENT MOP BASIN.
2. ROUTE CW, HW, AND HWR PIPING UP ABOVE EXISTING DROP TILE CEILING. REMOVE AND REINSTALLCEILING TILES AS REQUIRED TO ALLOW INSTALLATION THROUGH EXISTING GRID.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

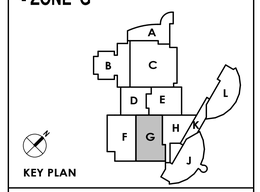
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL PLUMBING PLAN - ZONE 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

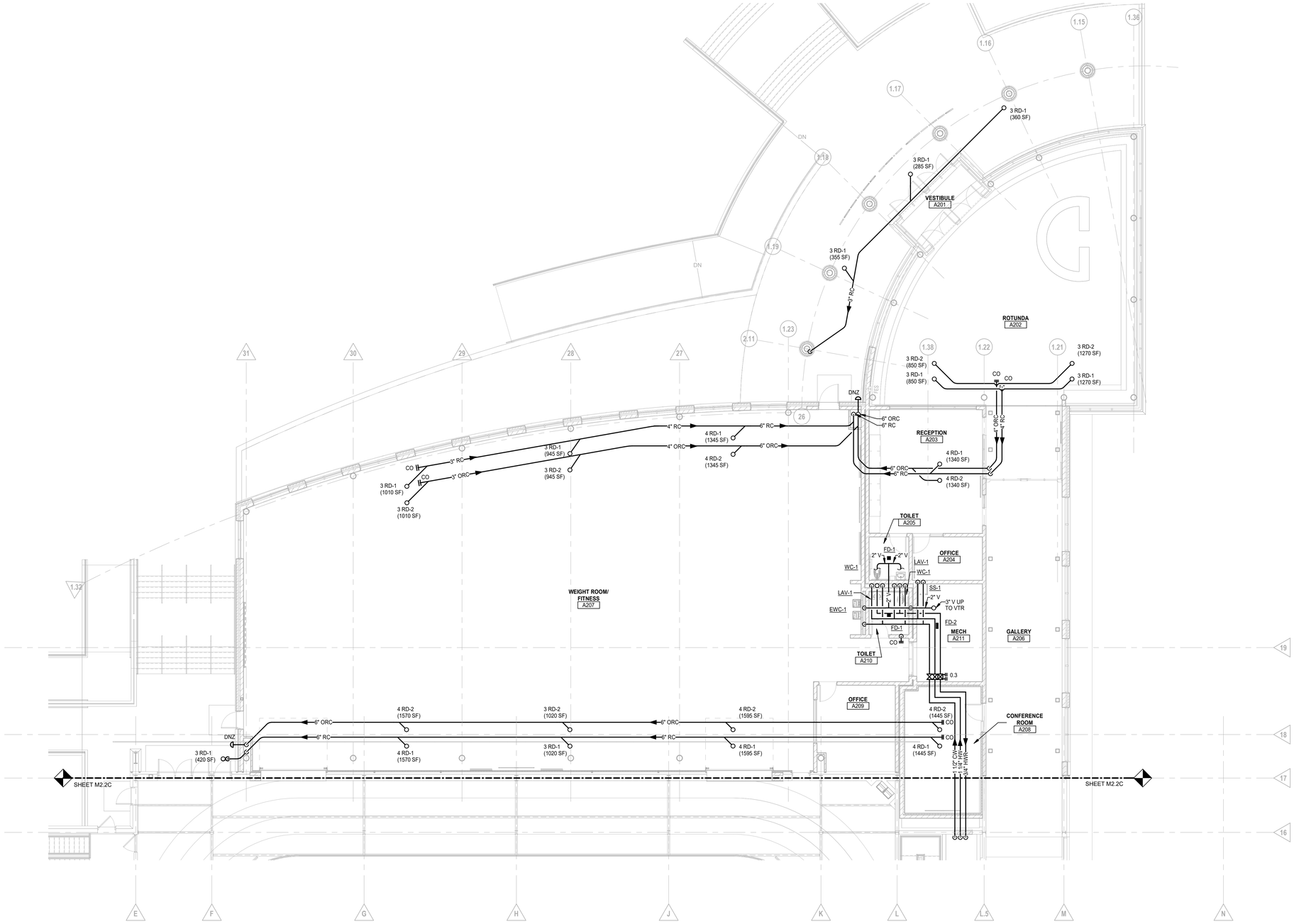
25026D

DRAWING NO.

M2.1G

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:47 AM

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL PLUMBING PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.

7 HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.

8 PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.

9 PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.

10 MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

(#) CONSTRUCTION KEY NOTES:

1 ALTERNATE NO.1: ROUTE CONDENSATE FROM DESSICANT DEHUMIDIFIER TO ADJACENT MOP BASIN.

2 ROUTE CW, HW, AND HWR PIPING UP ABOVE EXISTING DROP TILE CEILING. REMOVE AND REINSTALLCEILING TILES AS REQUIRED TO ALLOW INSTALLATION THROUGH EXISTING GRID.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

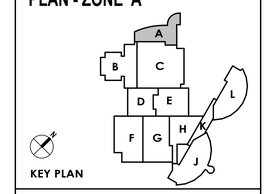
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL PLUMBING PLAN - ZONE 'A'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

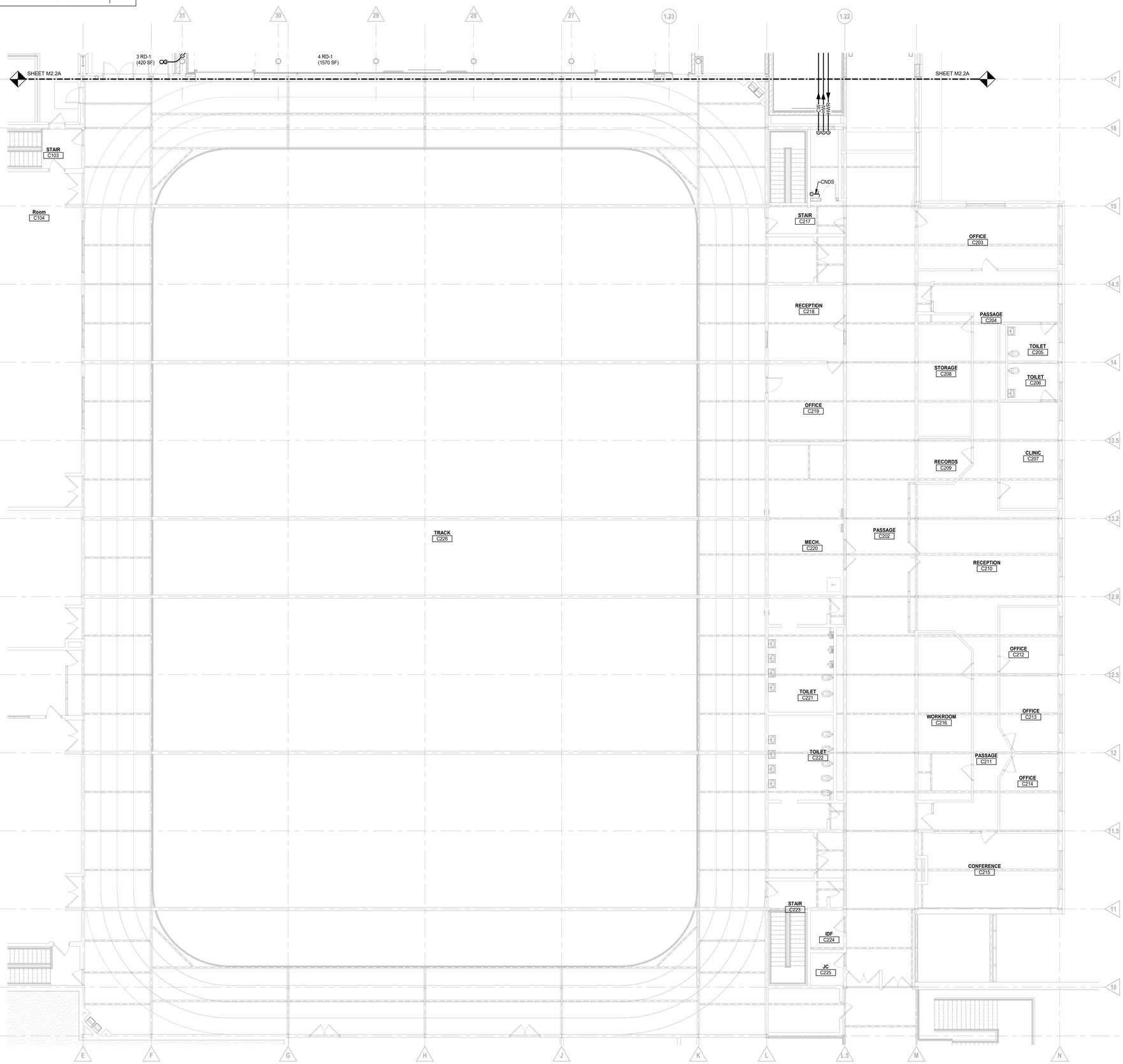
25026D

DRAWING NO.

M2.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:02 AM
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL PLUMBING PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.
7. HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.
8. PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.
9. PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
10. MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

(#) CONSTRUCTION KEY NOTES:

1. ALTERNATE NO.1: ROUTE CONDENSATE FROM DESSICANT DEHUMIDIFIER TO ADJACENT MOP BASIN.
2. ROUTE CW, HW, AND HWR PIPING UP ABOVE EXISTING DROP TILE CEILING. REMOVE AND REINSTALLCEILING TILES AS REQUIRED TO ALLOW INSTALLATION THROUGH EXISTING GRID.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

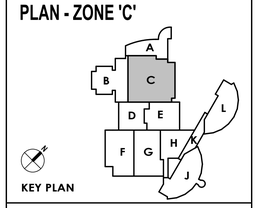
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL PLUMBING PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

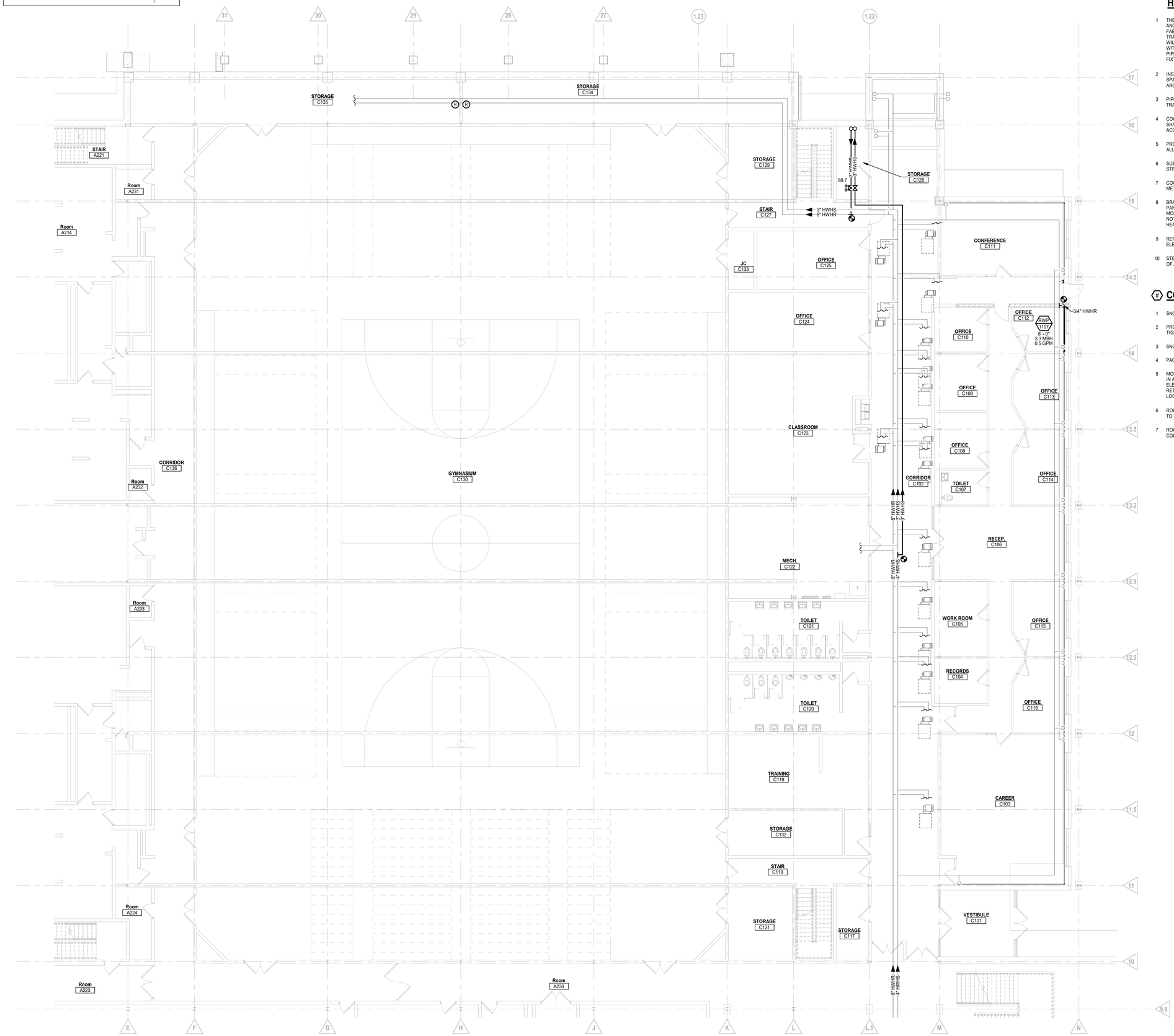
25026D

DRAWING NO.

M2.2C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:55 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



HVAC PIPING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. SUBMIT PROPOSED METHODS OF ANCHORING AND GUIDING PIPING SYSTEMS TO STRUCTURAL ENGINEER FOR APPROVAL.
7. COORDINATE LOCATION OF DUCT-MOUNTED HYDRONIC DEVICES WITH SHEET METAL TRADES.
8. BRANCH PIPING SERVING TERMINAL UNIT HEATING COILS OR RADIANT CEILING PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING MORE THAN ONE TERMINAL UNIT HEATING COIL SHALL BE 1" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING HOT WATER UNIT HEATERS AND CABINET UNIT HEATERS SHALL BE 1" UNLESS OTHERWISE NOTED.
9. REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.
10. STEAM AND CONDENSATE SYSTEMS ARE DESIGNED BASED ON THE ASSUMPTION OF A SUPERVISED WARM-UP PROCEDURE.

(#) CONSTRUCTION KEY NOTES:

1. SNOW MELT SYSTEM MANIFOLD IN GROUND BOX.
2. PROVIDE PVC CARRIER PIPE FOR INSULATED SMS/SMR PIPING. SEAL ENDS WATER TIGHT TO PREVENT WATER INFILTRATION.
3. SNOWMELT SYSTEM SENSOR LOCATION.
4. PACKAGED SNOWMELT SKID SYSTEM.
5. MOUNT FINNED TUBE WITHIN BENCH ENCLOSURE AND ROUTE PIPING TO CONNECT IN A CONCEALED MANNER. ROUTE SUPPLY PIPING THROUGH LOWER ROW ELEMNETS TO END OF RUN, AND CONNECT TO UPPER ROW ELEMENTS FOR RETURN BACK TO PIPE DROP LOCATION. CURVE ELEMENTS AT CURVED WALL LOCATIONS.
6. ROUTE PIPING DOWN WITHIN CHASE ENCLOSURE TO WITHIN BENCH TO CONNECT TO EQUIPMENT IN A CONCELAED MANNER.
7. ROUTE BRANCH PIPING SERVING VESTIBULE DOWN ALONG COLUMN BETWEEN COLUMN AND CURTAIN WALL. COORDINATE WITH ARCHITECTURAL DETAILS.

FIRST LEVEL HVAC PIPING PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

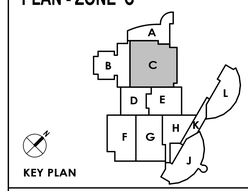
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL HVAC PIPING PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

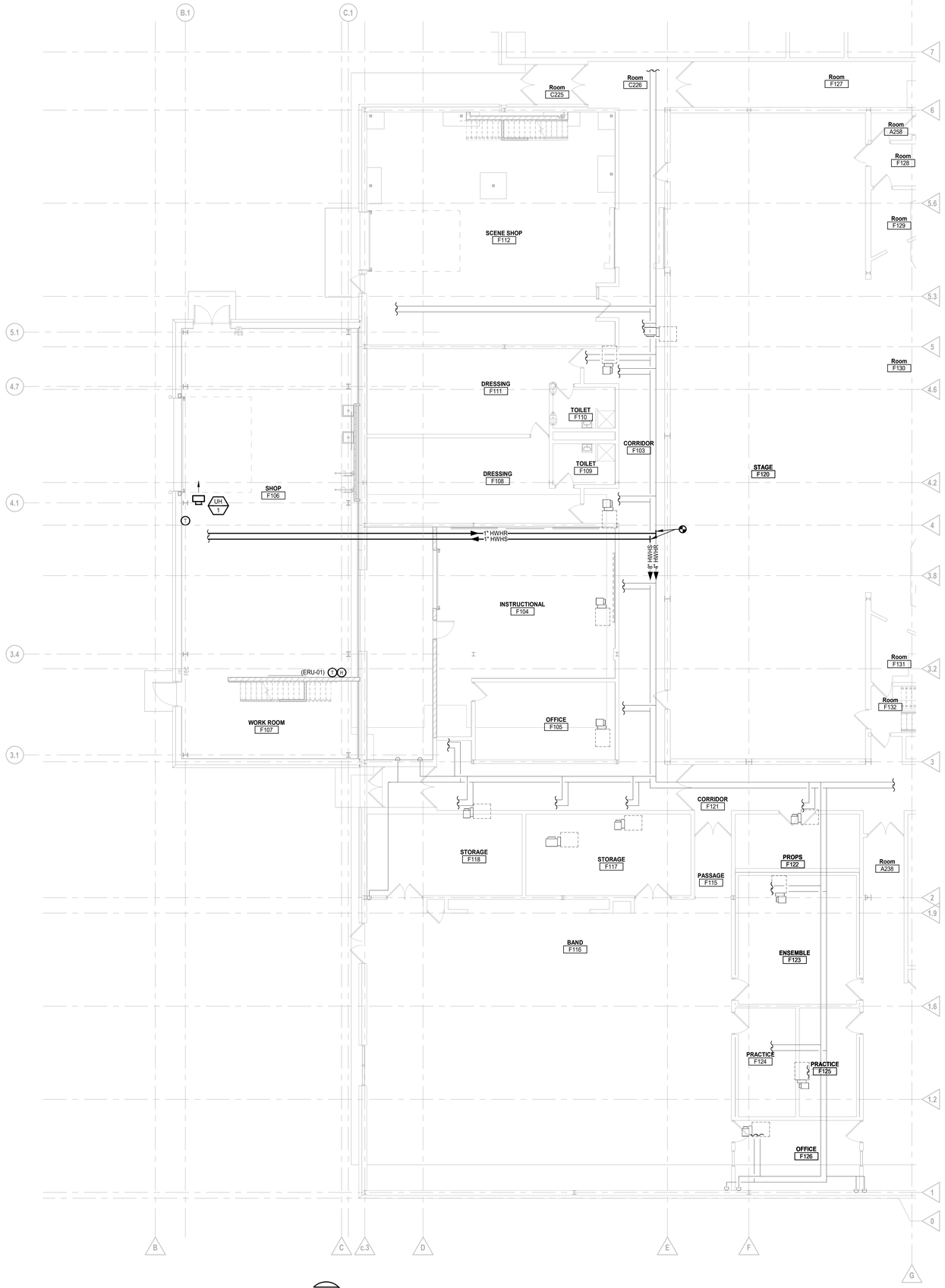
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M3.1C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:59 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



HVAC PIPING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. SUBMIT PROPOSED METHODS OF ANCHORING AND GUIDING PIPING SYSTEMS TO STRUCTURAL ENGINEER FOR APPROVAL.
7. COORDINATE LOCATION OF DUCT-MOUNTED HYDRONIC DEVICES WITH SHEET METAL TRADES.
8. BRANCH PIPING SERVING TERMINAL UNIT HEATING COILS OR RADIANT CEILING PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING MORE THAN ONE TERMINAL UNIT HEATING COIL SHALL BE 1" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING HOT WATER UNIT HEATERS AND CABINET UNIT HEATERS SHALL BE 1" UNLESS OTHERWISE NOTED.
9. REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.
10. STEAM AND CONDENSATE SYSTEMS ARE DESIGNED BASED ON THE ASSUMPTION OF A SUPERVISED WARM-UP PROCEDURE.

(#) CONSTRUCTION KEY NOTES:

1. SNOW MELT SYSTEM MANIFOLD IN GROUND BOX.
2. PROVIDE PVC CARRIER PIPE FOR INSULATED SMS/SMR PIPING. SEAL ENDS WATER TIGHT TO PREVENT WATER INFILTRATION.
3. SNOWMELT SYSTEM SENSOR LOCATION.
4. PACKAGED SNOWMELT SKID SYSTEM.
5. MOUNT FINNED TUBE WITHIN BENCH ENCLOSURE AND ROUTE PIPING TO CONNECT IN A CONCEALED MANNER. ROUTE SUPPLY PIPING THROUGH LOWER ROW ELEMNETS TO END OF RUN, AND CONNECT TO UPPER ROW ELEMENTS FOR RETURN BACK TO PIPE DROP LOCATION. CURVE ELEMENTS AT CURVED WALL LOCATIONS.
6. ROUTE PIPING DOWN WITHIN CHASE ENCLOSURE TO WITHIN BENCH TO CONNECT TO EQUIPMENT IN A CONCELAED MANNER.
7. ROUTE BRANCH PIPING SERVING VESTIBULE DOWN ALONG COLUMN BETWEEN COLUMN AND CURTAIN WALL. COORDINATE WITH ARCHITECTURAL DETAILS.

FIRST LEVEL HVAC PIPING PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

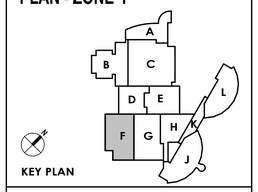
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL HVAC PIPING PLAN - ZONE 'F'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

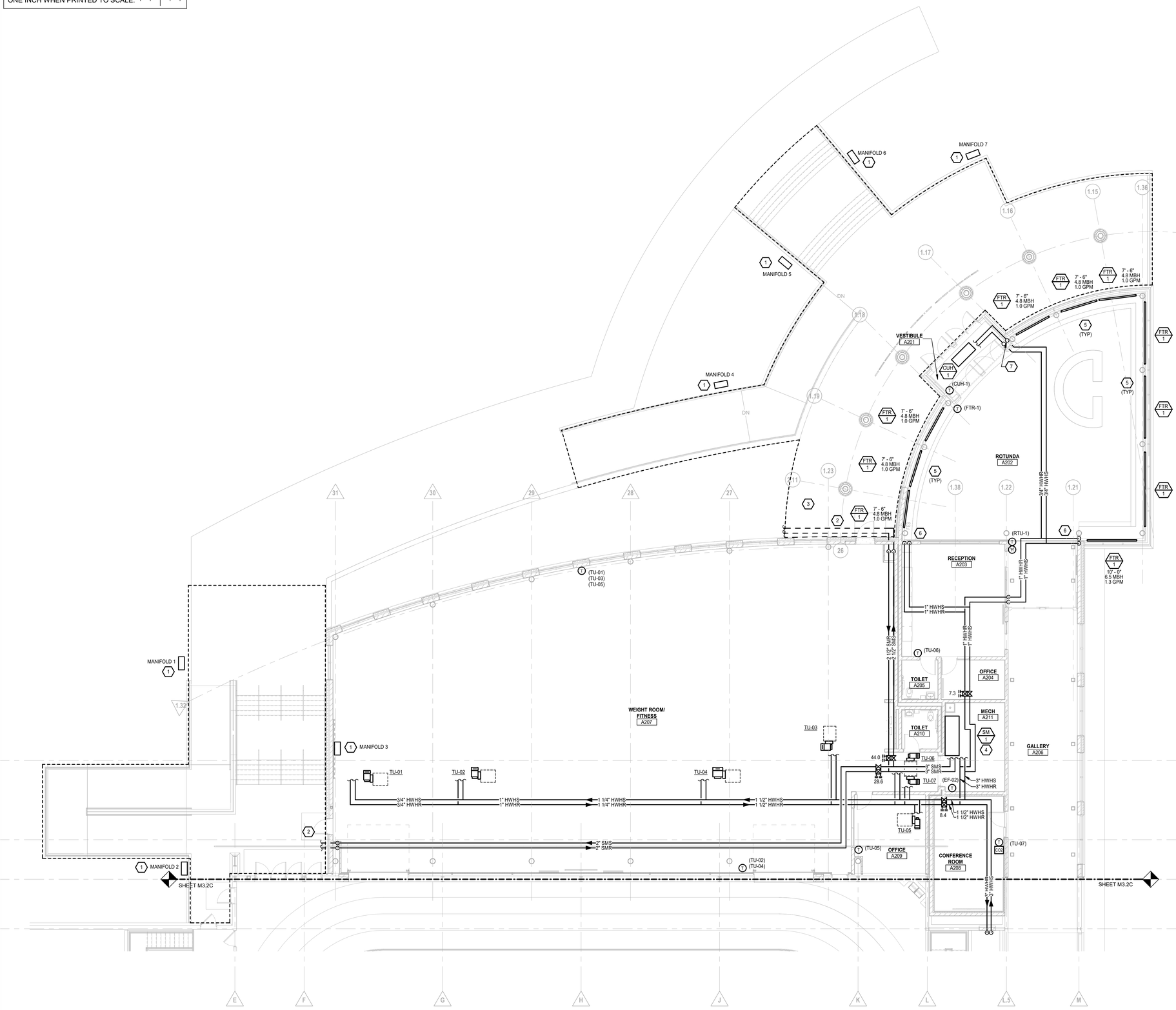
25026D

DRAWING NO.

M3.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:02 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



HVAC PIPING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. SUBMIT PROPOSED METHODS OF ANCHORING AND GUIDING PIPING SYSTEMS TO STRUCTURAL ENGINEER FOR APPROVAL.
7. COORDINATE LOCATION OF DUCT-MOUNTED HYDRONIC DEVICES WITH SHEET METAL TRADES.
8. BRANCH PIPING SERVING TERMINAL UNIT HEATING COILS OR RADIANT CEILING PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING MORE THAN ONE TERMINAL UNIT HEATING COIL SHALL BE 1" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING HOT WATER UNIT HEATERS AND CABINET UNIT HEATERS SHALL BE 1" UNLESS OTHERWISE NOTED.
9. REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.
10. STEAM AND CONDENSATE SYSTEMS ARE DESIGNED BASED ON THE ASSUMPTION OF A SUPERVISED WARM-UP PROCEDURE.

CONSTRUCTION KEY NOTES:

1. SNOW MELT SYSTEM MANIFOLD IN GROUND BOX.
2. PROVIDE PVC CARRIER PIPE FOR INSULATED SMS/SMR PIPING. SEAL ENDS WATER TIGHT TO PREVENT WATER INFILTRATION.
3. SNOWMELT SYSTEM SENSOR LOCATION.
4. PACKAGED SNOWMELT SKID SYSTEM.
5. MOUNT FINNED TUBE WITHIN BENCH ENCLOSURE AND ROUTE PIPING TO CONNECT IN A CONCEALED MANNER. ROUTE SUPPLY PIPING THROUGH LOWER ROW ELEMNETS TO END OF RUN, AND CONNECT TO UPPER ROW ELEMENTS FOR RETURN BACK TO PIPE DROP LOCATION. CURVE ELEMENTS AT CURVED WALL LOCATIONS.
6. ROUTE PIPING DOWN WITHIN CHASE ENCLOSURE TO WITHIN BENCH TO CONNECT TO EQUIPMENT IN A CONCELAED MANNER.
7. ROUTE BRANCH PIPING SERVING VESTIBULE DOWN ALONG COLUMN BETWEEN COLUMN AND CURTAIN WALL. COORDINATE WITH ARCHITECTURAL DETAILS.

SECOND LEVEL HVAC PIPING PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

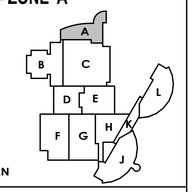
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL HVAC PIPING PLAN - ZONE 'A'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

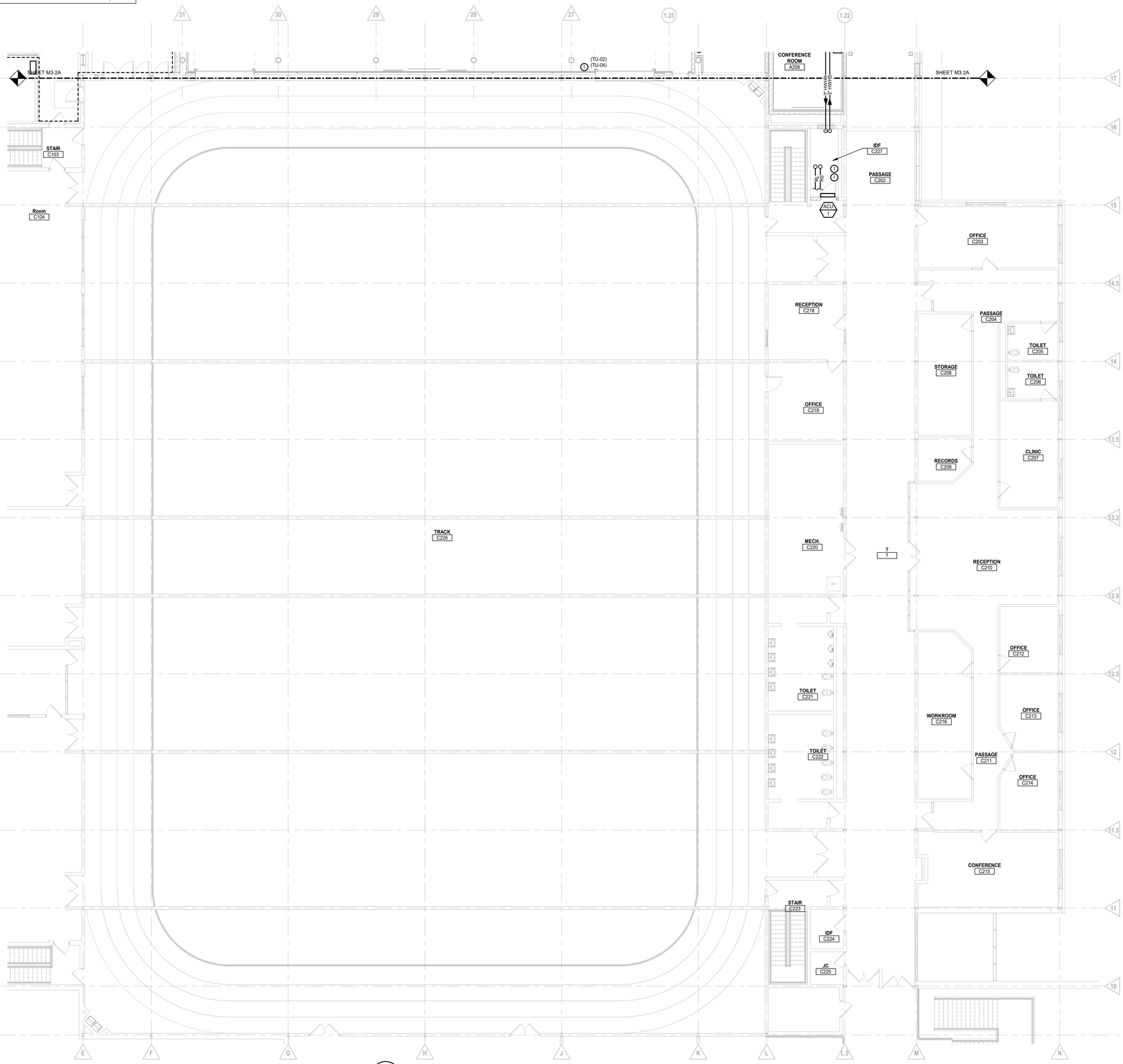
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M3.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:19:49 AM
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL HVAC PIPING PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

HVAC PIPING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. SUBMIT PROPOSED METHODS OF ANCHORING AND GUIDING PIPING SYSTEMS TO STRUCTURAL ENGINEER FOR APPROVAL.
7. COORDINATE LOCATION OF DUCT-MOUNTED HYDRONIC DEVICES WITH SHEET METAL TRADES.
8. BRANCH PIPING SERVING TERMINAL UNIT HEATING COILS OR RADIANT CEILING PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING MORE THAN ONE TERMINAL UNIT HEATING COIL SHALL BE 1" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING HOT WATER UNIT HEATERS AND CABINET UNIT HEATERS SHALL BE 1" UNLESS OTHERWISE NOTED.
9. REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.
10. STEAM AND CONDENSATE SYSTEMS ARE DESIGNED BASED ON THE ASSUMPTION OF A SUPERVISED WARM-UP PROCEDURE.

(#) CONSTRUCTION KEY NOTES:

1. SNOW MELT SYSTEM MANIFOLD IN GROUND BOX.
2. PROVIDE PVC CARRIER PIPE FOR INSULATED SMS/SMR PIPING. SEAL ENDS WATER TIGHT TO PREVENT WATER INFILTRATION.
3. SNOWMELT SYSTEM SENSOR LOCATION.
4. PACKAGED SNOWMELT SKID SYSTEM.
5. MOUNT FINNED TUBE WITHIN BENCH ENCLOSURE AND ROUTE PIPING TO CONNECT IN A CONCEALED MANNER. ROUTE SUPPLY PIPING THROUGH LOWER ROW ELEMNETS TO END OF RUN, AND CONNECT TO UPPER ROW ELEMENTS FOR RETURN BACK TO PIPE DROP LOCATION. CURVE ELEMENTS AT CURVED WALL LOCATIONS.
6. ROUTE PIPING DOWN WITHIN CHASE ENCLOSURE TO WITHIN BENCH TO CONNECT TO EQUIPMENT IN A CONCELAED MANNER.
7. ROUTE BRANCH PIPING SERVING VESTIBULE DOWN ALONG COLUMN BETWEEN COLUMN AND CURTAIN WALL. COORDINATE WITH ARCHITECTURAL DETAILS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

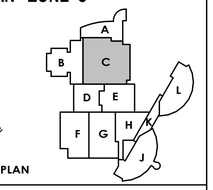
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL HVAC PIPING PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

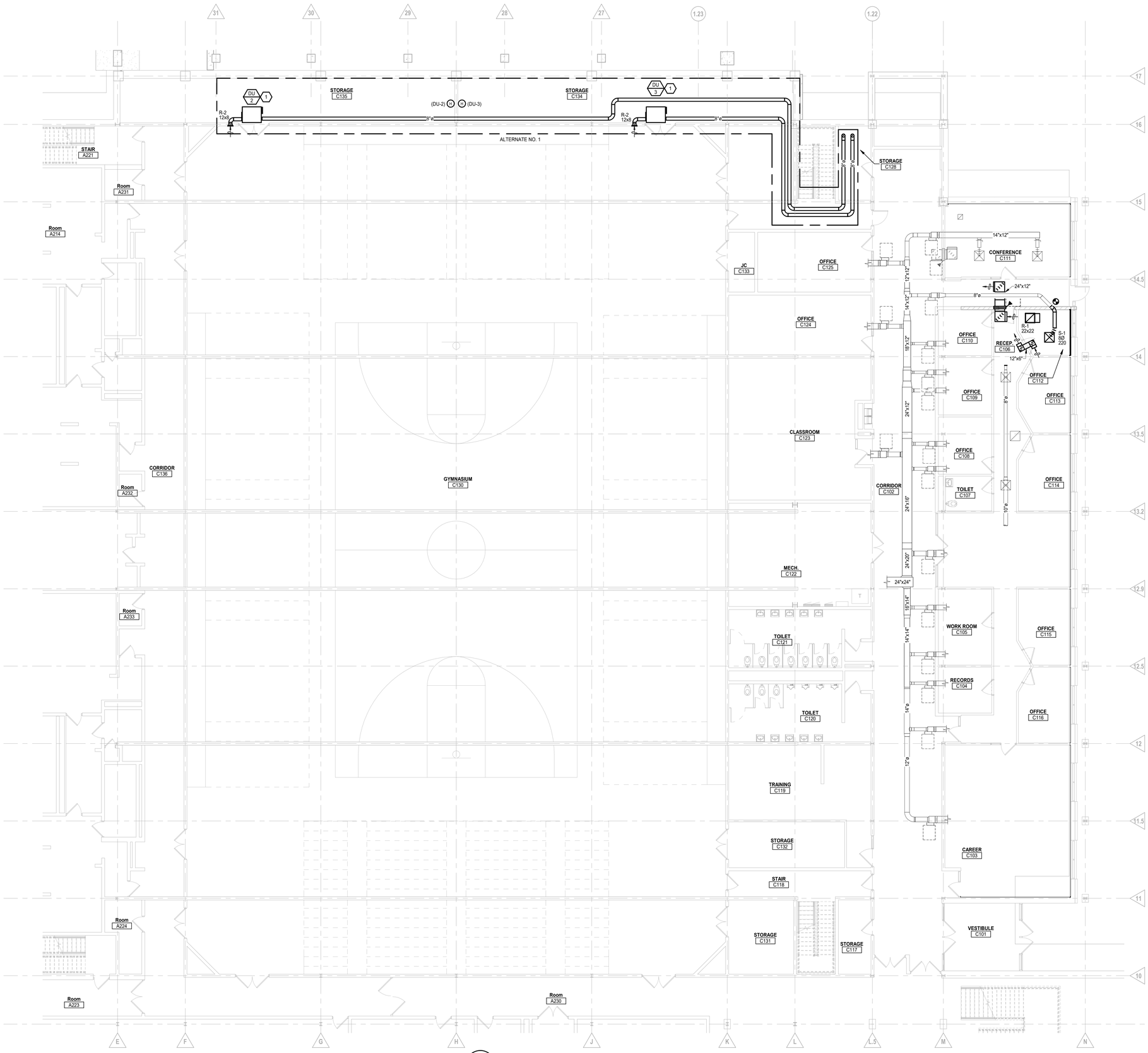
25026D

DRAWING NO.

M3.2C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/6/2026 8:19:09 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL SHEET METAL PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

SHEET METAL GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.
7. REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

(#) CONSTRUCTION KEY NOTES:

1. ALTERNATE NO. 1: PROVIDE CONDAIR DESSICANT DRYER DA 300N AND ASSOCIATED EXHAUST DUCTWORK TO GRAVITY RELIEF HOOD.
2. INSTALL DOUBLE WALLED DUCT AT EXPOSED ROUND DUCTWORK LOCATIONS WITHIN SPACE.
3. INSTALL RECTANGULAR BRANCH DUCT FROM BOTTOM OF MAIN WITH BALANCING DAMPER IN VERTICAL BRANCH. MOUNT DIFFUSERS TO MATCH BOTTOM ELEVATION OF ADJACENT SOUND BAFFLES AND LINEAR LIGHTS.
4. INSTALL GRILLE ON CASEWORK BENCH. REFER TO ARCHITECTURAL DETAILS FOR PLACEMENT AND INSTALLTION. PROVIDE CURVED GRILLES TO MATCH PROFILE OF MILLWORK BENCH AT CURVED LOCATIONS.
5. PROVIDE JET AFS-1000C AIR FILTARTION SYSTEM HIGH WITHIN SPACE TIGHT TO UNDERSIDE OF DECK.
6. INSTALL DOUBLE-WALLED DUCTWORK WITH A SOLID LINER BETWEEN THE DUCT SILENCER AND THE ENERGY RECOVERY UNIT.
7. INSTALL DIFFUSER AT 45 DEGREE ANGLE TO FLOOR. REFER TO DUCT MOUNTED SUPPLY AIR REGISTER DETAIL.
8. ROUTE DUCTWORK THROUGH JOIST WEBBING.
9. ROUTE DUCTWORK TIGHT TO UNDERSIDE OF JOISTS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

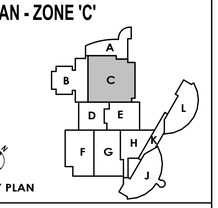
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL SHEET METAL PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

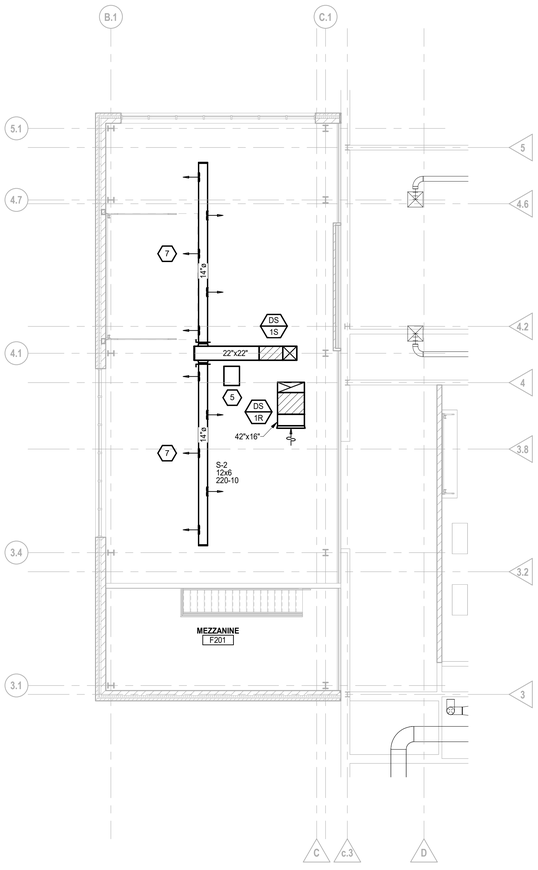
25026D

DRAWING NO.

M4.1C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:12 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



MEZZANINE FLOOR SHEET METAL PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"



FIRST LEVEL SHEET METAL PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

SHEET METAL GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.

7 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

(#) CONSTRUCTION KEY NOTES:

1 ALTERNATE NO. 1: PROVIDE CONDAIR DESSICANT DRYER DA 300N AND ASSOCIATED EXHAUST DUCTWORK TO GRAVITY RELIEF HOOD.

2 INSTALL DOUBLE WALLED DUCT AT EXPOSED ROUND DUCTWORK LOCATIONS WITHIN SPACE.

3 INSTALL RECTANGULAR BRANCH DUCT FROM BOTTOM OF MAIN WITH BALANCING DAMPER IN VERTICAL BRANCH. MOUNT DIFFUSERS TO MATCH BOTTOM ELEVATION OF ADJACENT SOUND BAFFLES AND LINEAR LIGHTS.

4 INSTALL GRILLE ON CASEWORK BENCH. REFER TO ARCHITECTURAL DETAILS FOR PLACEMENT AND INSTALLTION. PROVIDE CURVED GRILLES TO MATCH PROFILE OF MILLWORK BENCH AT CURVED LOCATIONS.

5 PROVIDE JET AFS-1000C AIR FILTARTION SYSTEM HIGH WITHIN SPACE TIGHT TO UNDERSIDE OF DECK.

6 INSTALL DOUBLE-WALLED DUCTWORK WITH A SOLID LINER BETWEEN THE DUCT SILENCER AND THE ENERGY RECOVERY UNIT.

7 INSTALL DIFFUSER AT 45 DEGREE ANGLE TO FLOOR. REFER TO DUCT MOUNTED SUPPLY AIR REGISTER DETAIL.

8 ROUTE DUCTWORK THROUGH JOIST WEBBING.

9 ROUTE DUCTWORK TIGHT TO UNDERSIDE OF JOISTS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

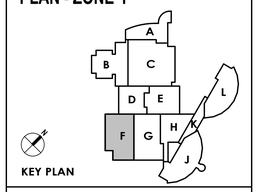
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL SHEET METAL PLAN - ZONE 'F'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

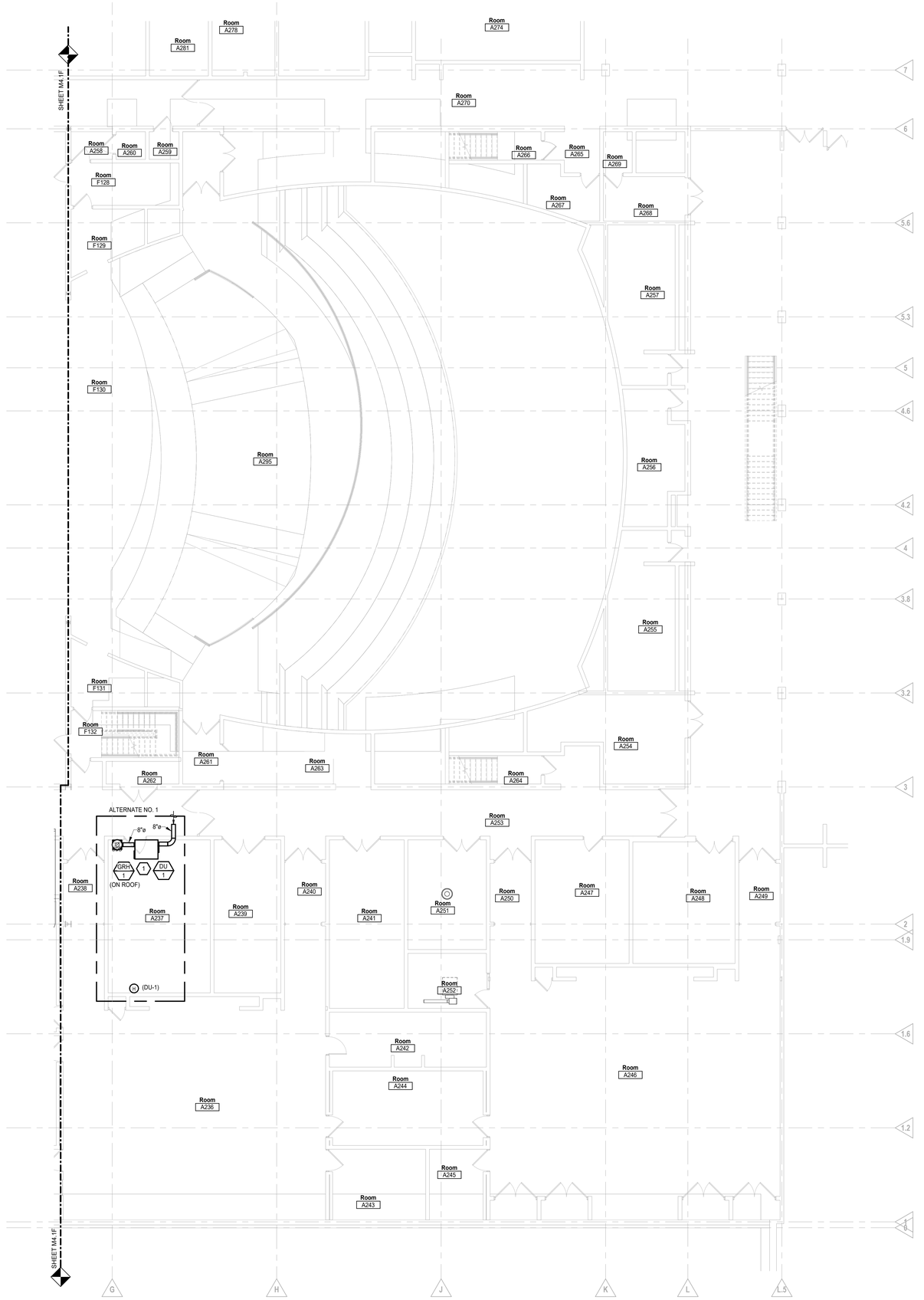
25026D

DRAWING NO.

M4.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:15 AM

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL SHEET METAL PLAN - ZONE 'G'

SCALE: 1/8" = 1'-0"

SHEET METAL GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.
7. REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

(#) CONSTRUCTION KEY NOTES:

1. ALTERNATE NO. 1: PROVIDE CONDAIR DESSICANT DRYER DA 300N AND ASSOCIATED EXHAUST DUCTWORK TO GRAVITY RELIEF HOOD.
2. INSTALL DOUBLE WALLED DUCT AT EXPOSED ROUND DUCTWORK LOCATIONS WITHIN SPACE.
3. INSTALL RECTANGULAR BRANCH DUCT FROM BOTTOM OF MAIN WITH BALANCING DAMPER IN VERTICAL BRANCH. MOUNT DIFFUSERS TO MATCH BOTTOM ELEVATION OF ADJACENT SOUND BAFFLES AND LINEAR LIGHTS.
4. INSTALL GRILLE ON CASEWORK BENCH. REFER TO ARCHITECTURAL DETAILS FOR PLACEMENT AND INSTALLTION. PROVIDE CURVED GRILLES TO MATCH PROFILE OF MILLWORK BENCH AT CURVED LOCATIONS.
5. PROVIDE JET AFS-1000C AIR FILTARTION SYSTEM HIGH WITHIN SPACE TIGHT TO UNDERSIDE OF DECK.
6. INSTALL DOUBLE-WALLED DUCTWORK WITH A SOLID LINER BETWEEN THE DUCT SILENCER AND THE ENERGY RECOVERY UNIT.
7. INSTALL DIFFUSER AT 45 DEGREE ANGLE TO FLOOR. REFER TO DUCT MOUNTED SUPPLY AIR REGISTER DETAIL.
8. ROUTE DUCTWORK THROUGH JOIST WEBBING.
9. ROUTE DUCTWORK TIGHT TO UNDERSIDE OF JOISTS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

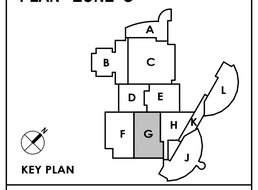
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL SHEET METAL PLAN - ZONE 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

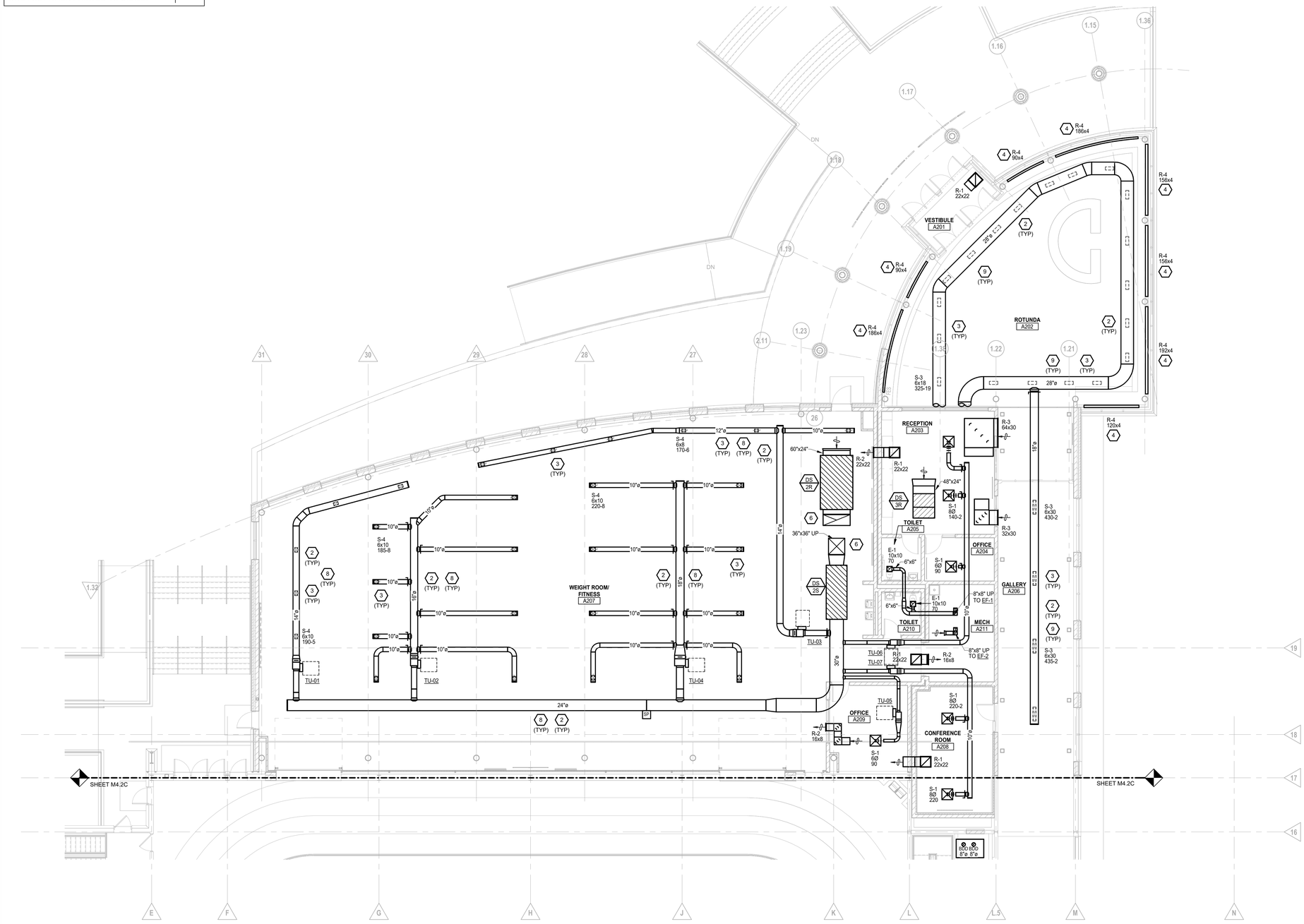
25026D

DRAWING NO.

M4.1G

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:19:51 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL SHEET METAL PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

SHEET METAL GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.

7 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

(#) CONSTRUCTION KEY NOTES:

1 ALTERNATE NO. 1: PROVIDE CONDAIR DESSICANT DRYER DA 300N AND ASSOCIATED EXHAUST DUCTWORK TO GRAVITY RELIEF HOOD.

2 INSTALL DOUBLE WALLED DUCT AT EXPOSED ROUND DUCTWORK LOCATIONS WITHIN SPACE.

3 INSTALL RECTANGULAR BRANCH DUCT FROM BOTTOM OF MAIN WITH BALANCING DAMPER IN VERTICAL BRANCH. MOUNT DIFFUSERS TO MATCH BOTTOM ELEVATION OF ADJACENT SOUND BAFFLES AND LINEAR LIGHTS.

4 INSTALL GRILLE ON CASEWORK BENCH. REFER TO ARCHITECTURAL DETAILS FOR PLACEMENT AND INSTALLTION. PROVIDE CURVED GRILLES TO MATCH PROFILE OF MILLWORK BENCH AT CURVED LOCATIONS.

5 PROVIDE JET AFS-1000C AIR FILTARTION SYSTEM HIGH WITHIN SPACE TIGHT TO UNDERSIDE OF DECK.

6 INSTALL DOUBLE-WALLED DUCTWORK WITH A SOLID LINER BETWEEN THE DUCT SILENCER AND THE ENERGY RECOVERY UNIT.

7 INSTALL DIFFUSER AT 45 DEGREE ANGLE TO FLOOR. REFER TO DUCT MOUNTED SUPPLY AIR REGISTER DETAIL.

8 ROUTE DUCTWORK THROUGH JOIST WEBBING.

9 ROUTE DUCTWORK TIGHT TO UNDERSIDE OF JOISTS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

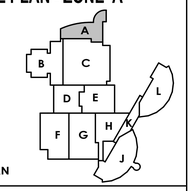
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL SHEET METAL PLAN - ZONE 'A'

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

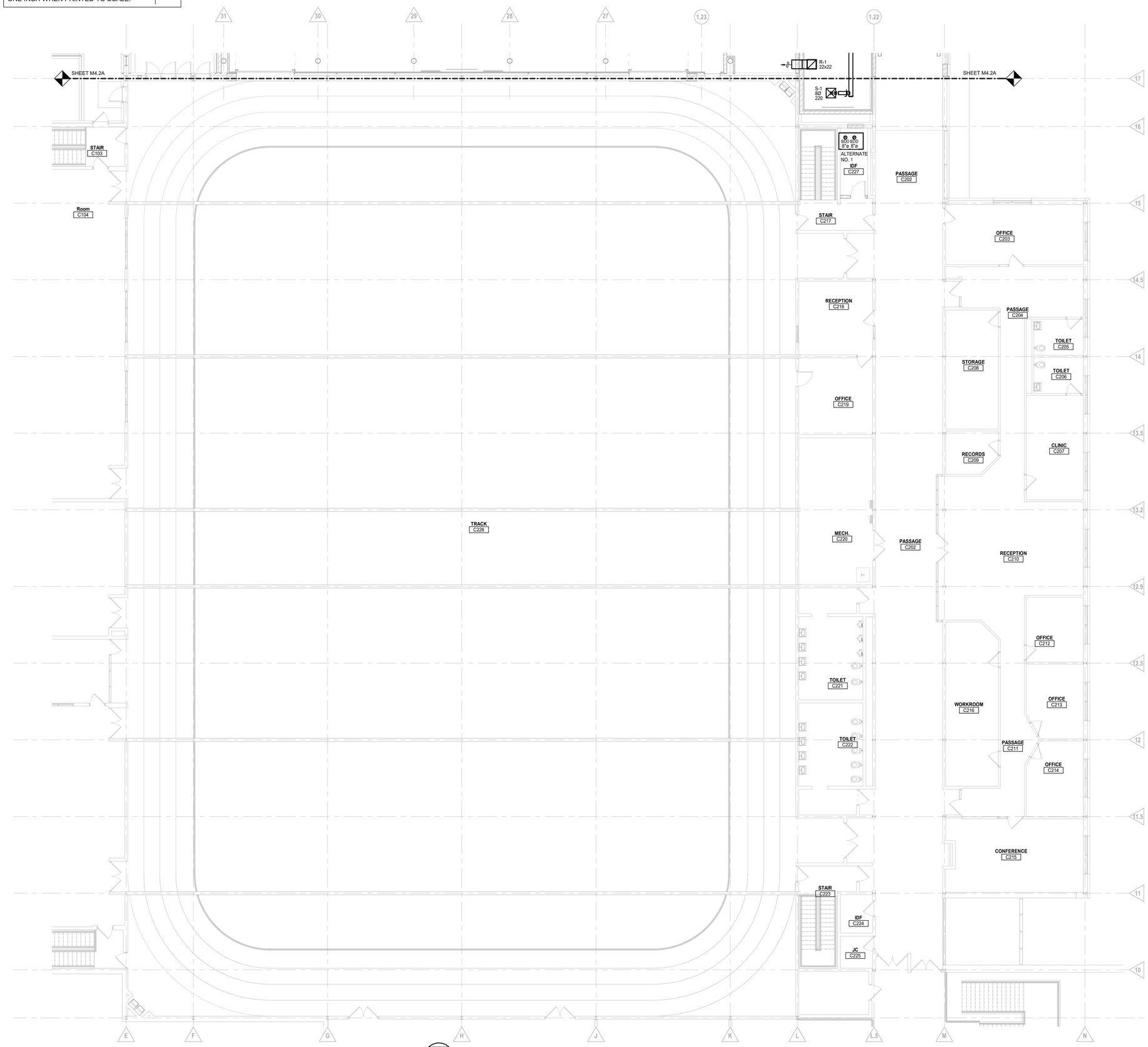
25026D

DRAWING NO.

M4.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:20 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SHEET METAL GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.

7 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

(#) CONSTRUCTION KEY NOTES:

1 ALTERNATE NO. 1: PROVIDE CONDAIR DESSICANT DRYER DA 300N AND ASSOCIATED EXHAUST DUCTWORK TO GRAVITY RELIEF HOOD.

2 INSTALL DOUBLE WALLED DUCT AT EXPOSED ROUND DUCTWORK LOCATIONS WITHIN SPACE.

3 INSTALL RECTANGULAR BRANCH DUCT FROM BOTTOM OF MAIN WITH BALANCING DAMPER IN VERTICAL BRANCH. MOUNT DIFFUSERS TO MATCH BOTTOM ELEVATION OF ADJACENT SOUND BAFFLES AND LINEAR LIGHTS.

4 INSTALL GRILLE ON CASEWORK BENCH. REFER TO ARCHITECTURAL DETAILS FOR PLACEMENT AND INSTALLTION. PROVIDE CURVED GRILLES TO MATCH PROFILE OF MILLWORK BENCH AT CURVED LOCATIONS.

5 PROVIDE JET AFS-1000C AIR FILTARTION SYSTEM HIGH WITHIN SPACE TIGHT TO UNDERSIDE OF DECK.

6 INSTALL DOUBLE-WALLED DUCTWORK WITH A SOLID LINER BETWEEN THE DUCT SILENCER AND THE ENERGY RECOVERY UNIT.

7 INSTALL DIFFUSER AT 45 DEGREE ANGLE TO FLOOR. REFER TO DUCT MOUNTED SUPPLY AIR REGISTER DETAIL.

8 ROUTE DUCTWORK THROUGH JOIST WEBBING.

9 ROUTE DUCTWORK TIGHT TO UNDERSIDE OF JOISTS.

SECOND LEVEL SHEET METAL PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

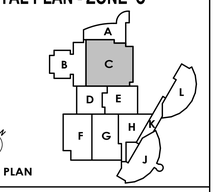
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL SHEET METAL PLAN - ZONE 'C'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

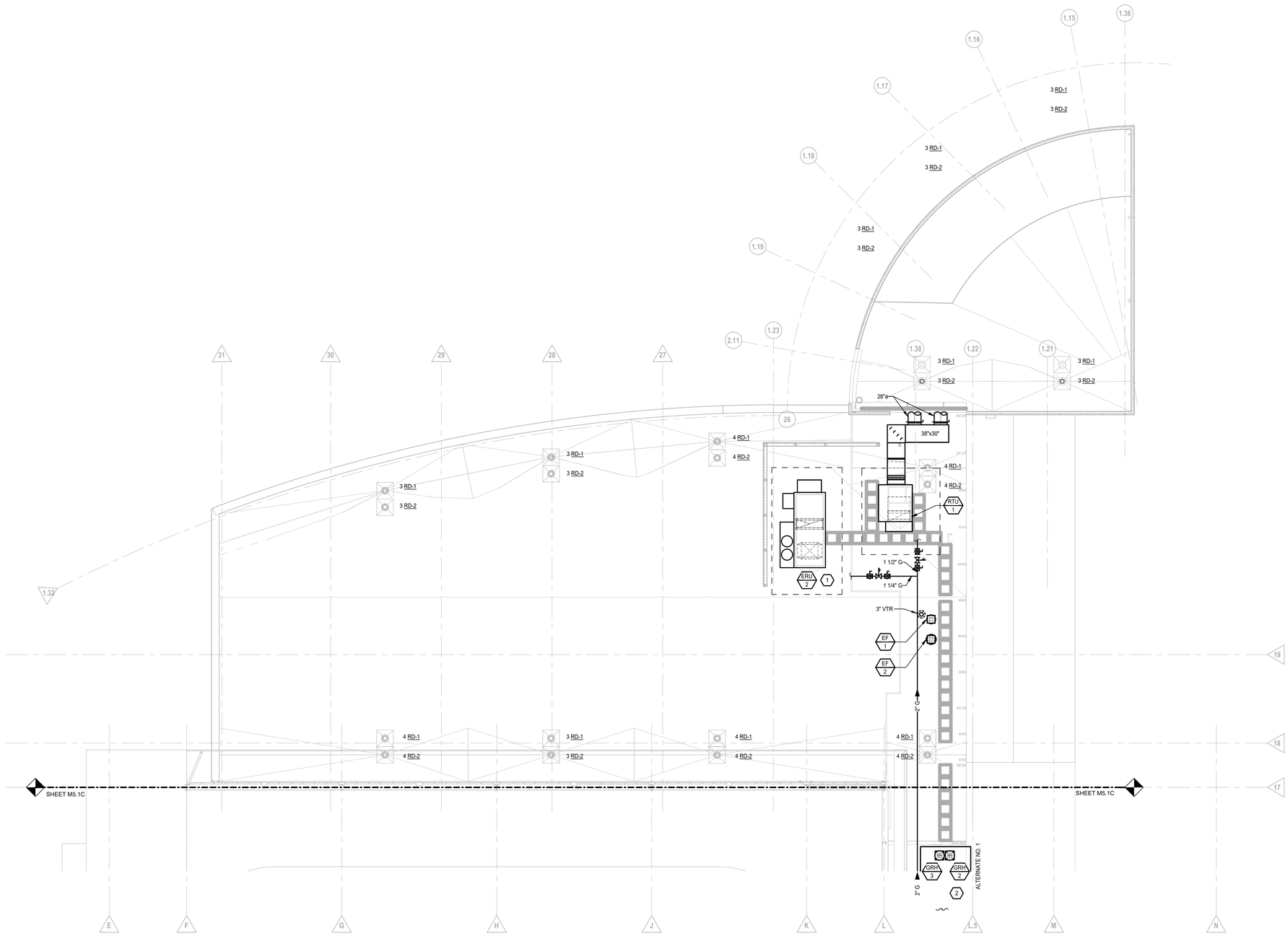
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M4.2C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:23 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



ROOF MECHANICAL PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.

7 HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.

8 PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.

9 PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.

10 MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

HVAC PIPING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 SUBMIT PROPOSED METHODS OF ANCHORING AND GUIDING PIPING SYSTEMS TO STRUCTURAL ENGINEER FOR APPROVAL.

7 COORDINATE LOCATION OF DUCT-MOUNTED HYDRONIC DEVICES WITH SHEET METAL TRADES.

8 BRANCH PIPING SERVING TERMINAL UNIT HEATING COILS OR RADIANT CEILING PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING MORE THAN ONE TERMINAL UNIT HEATING COIL SHALL BE 1" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING HOT WATER UNIT HEATERS AND CABINET UNIT HEATERS SHALL BE 1" UNLESS OTHERWISE NOTED.

9 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

10 STEAM AND CONDENSATE SYSTEMS ARE DESIGNED BASED ON THE ASSUMPTION OF A SUPERVISED WARM-UP PROCEDURE.

SHEET METAL GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.

7 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE HEAT TRACE ON ERU CONDENSATE DRAINS. COORDINATE WITH ELECTRICAL.

2 PIPE PORTAL.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

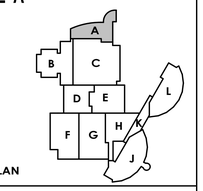
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ROOF MECHANICAL PLAN - ZONE 'A'

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

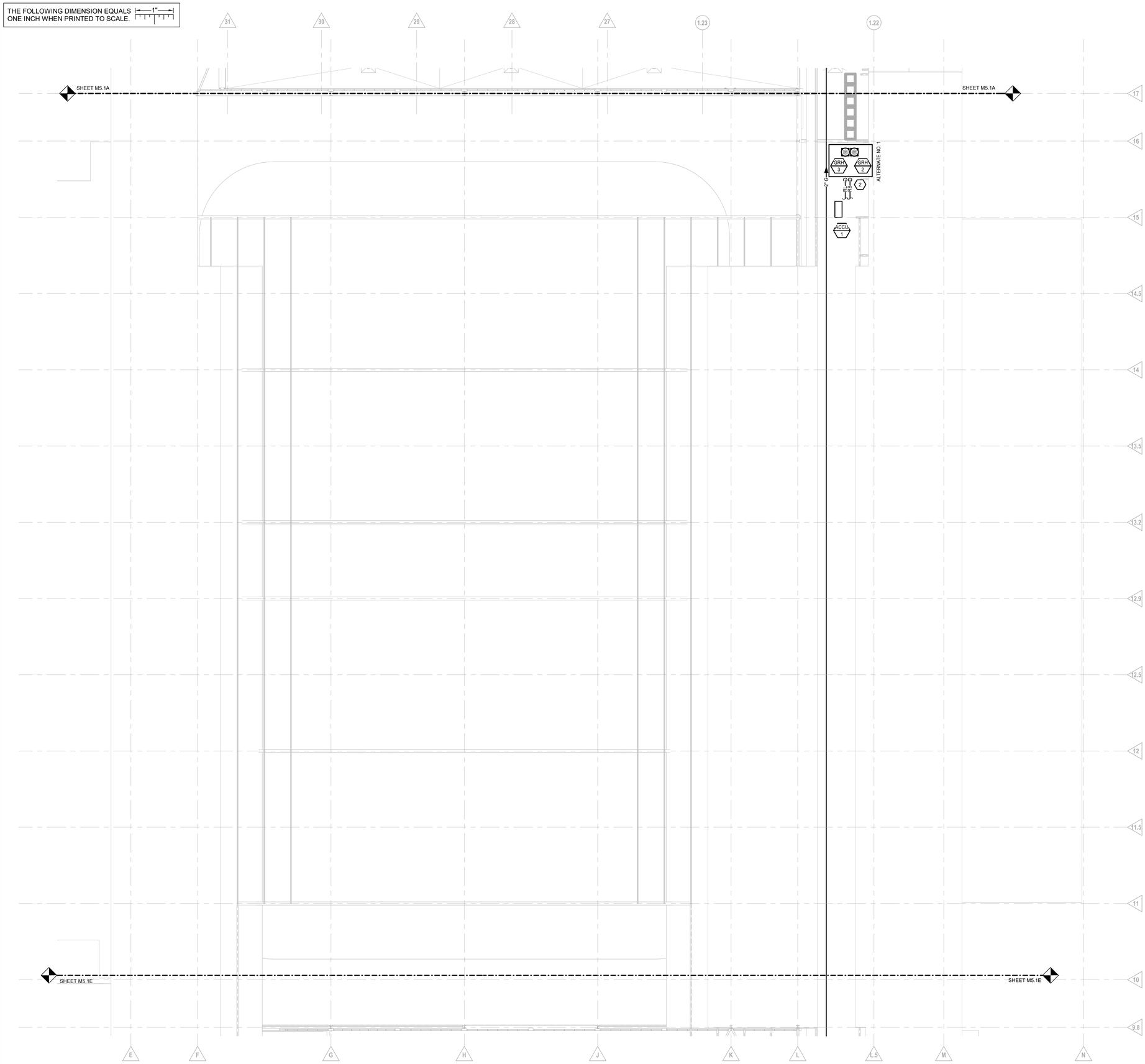
DATE:	ISSUED FOR:
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M5.1A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:26 AM - Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



PLUMBING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.
7. HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.
8. PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.
9. PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
10. MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

HVAC PIPING GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. SUBMIT PROPOSED METHODS OF ANCHORING AND GUIDING PIPING SYSTEMS TO STRUCTURAL ENGINEER FOR APPROVAL.
7. COORDINATE LOCATION OF DUCT-MOUNTED HYDRONIC DEVICES WITH SHEET METAL TRADES.
8. BRANCH PIPING SERVING TERMINAL UNIT HEATING COILS OR RADIANT CEILING PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING MORE THAN ONE TERMINAL UNIT HEATING COIL SHALL BE 1" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING HOT WATER UNIT HEATERS AND CABINET UNIT HEATERS SHALL BE 1" UNLESS OTHERWISE NOTED.
9. REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.
10. STEAM AND CONDENSATE SYSTEMS ARE DESIGNED BASED ON THE ASSUMPTION OF A SUPERVISED WARM-UP PROCEDURE.

SHEET METAL GENERAL NOTES:

1. THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.
4. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
5. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
6. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.
7. REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

(#) CONSTRUCTION KEY NOTES:

1. PROVIDE HEAT TRACE ON ERU CONDENSATE DRAINS. COORDINATE WITH ELECTRICAL.
2. PIPE PORTAL.

ROOF MECHANICAL PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

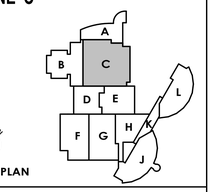
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ROOF MECHANICAL PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

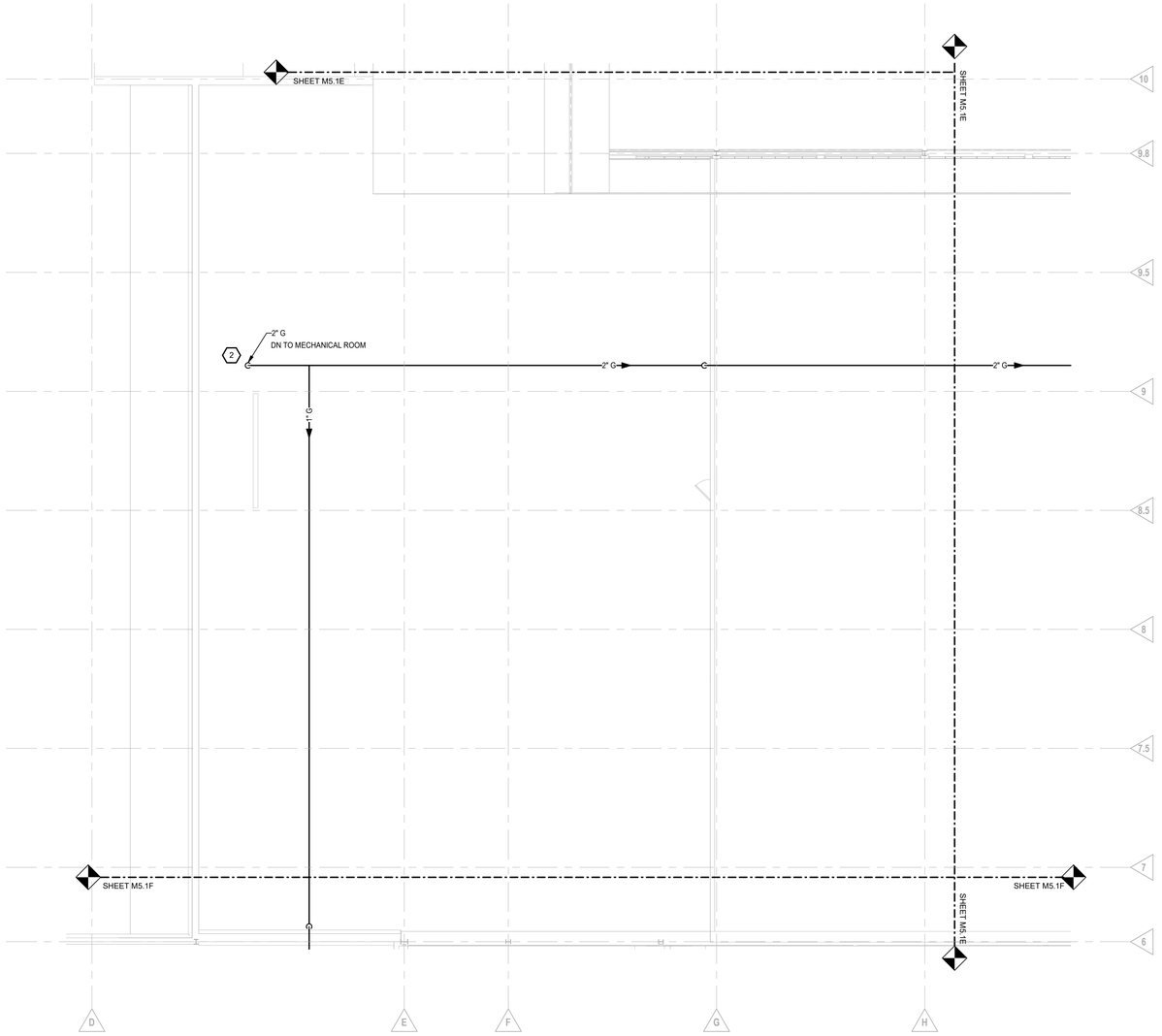
25026D

DRAWING NO.

M5.1C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:28 AM Autodesk Docs//25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



ROOF MECHANICAL PLAN - ZONE 'D'

SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.

7 HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.

8 PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.

9 PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.

10 MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

HVAC PIPING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 SUBMIT PROPOSED METHODS OF ANCHORING AND GUIDING PIPING SYSTEMS TO STRUCTURAL ENGINEER FOR APPROVAL.

7 COORDINATE LOCATION OF DUCT-MOUNTED HYDRONIC DEVICES WITH SHEET METAL TRADES.

8 BRANCH PIPING SERVING TERMINAL UNIT HEATING COILS OR RADIANT CEILING PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING MORE THAN ONE TERMINAL UNIT HEATING COIL SHALL BE 1" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING HOT WATER UNIT HEATERS AND CABINET UNIT HEATERS SHALL BE 1" UNLESS OTHERWISE NOTED.

9 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

10 STEAM AND CONDENSATE SYSTEMS ARE DESIGNED BASED ON THE ASSUMPTION OF A SUPERVISED WARM-UP PROCEDURE.

SHEET METAL GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.

7 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE HEAT TRACE ON ERU CONDENSATE DRAINS. COORDINATE WITH ELECTRICAL.

2 PIPE PORTAL.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

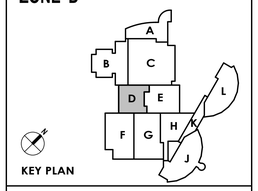
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ROOF MECHANICAL PLAN - ZONE 'D'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

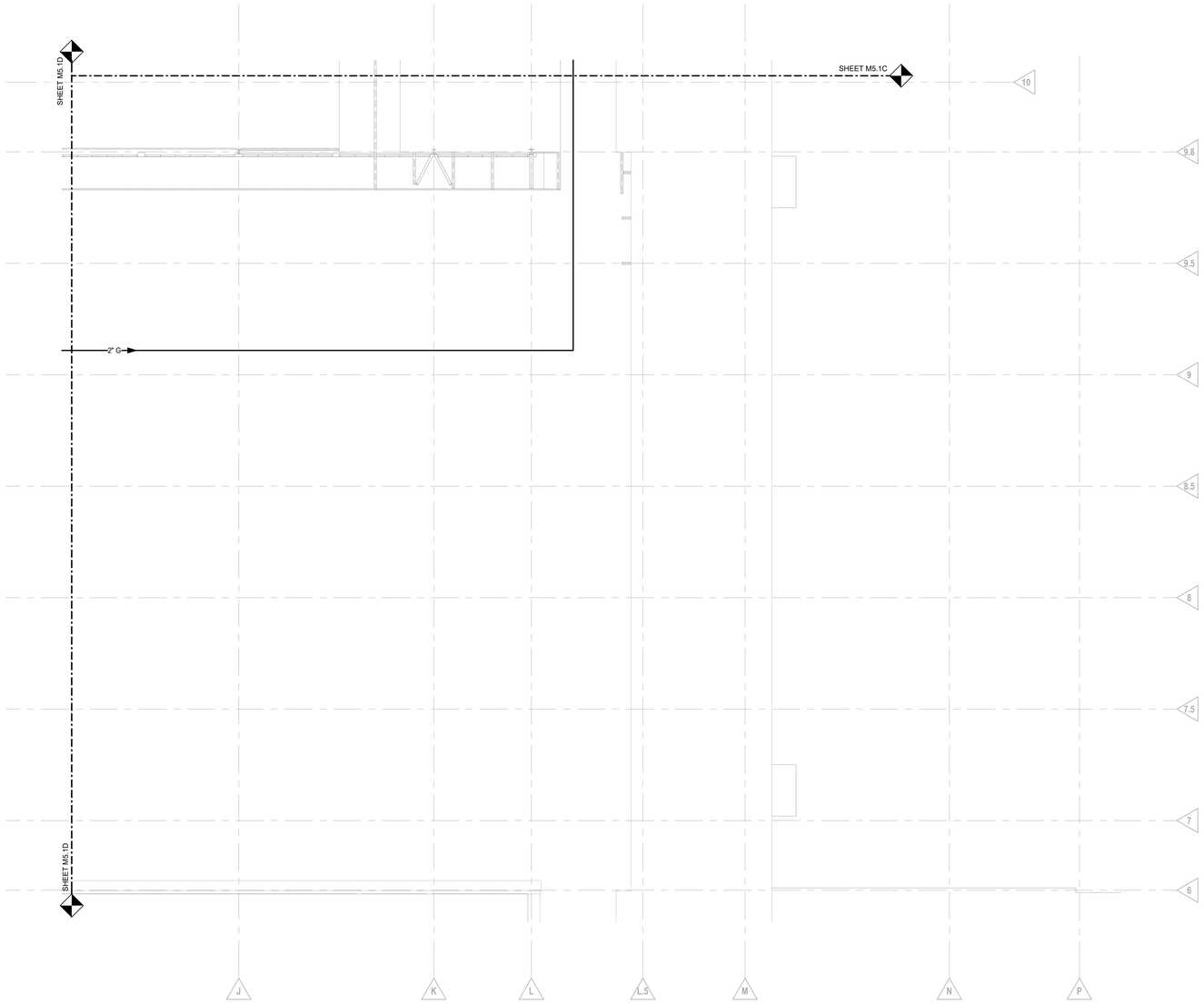
25026D

DRAWING NO.

M5.1D

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:29 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



ROOF MECHANICAL PLAN - ZONE 'E'
SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.

7 HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.

8 PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.

9 PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.

10 MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

HVAC PIPING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 SUBMIT PROPOSED METHODS OF ANCHORING AND GUIDING PIPING SYSTEMS TO STRUCTURAL ENGINEER FOR APPROVAL.

7 COORDINATE LOCATION OF DUCT-MOUNTED HYDRONIC DEVICES WITH SHEET METAL TRADES.

8 BRANCH PIPING SERVING TERMINAL UNIT HEATING COILS OR RADIANT CEILING PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING MORE THAN ONE TERMINAL UNIT HEATING COIL SHALL BE 1" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING HOT WATER UNIT HEATERS AND CABINET UNIT HEATERS SHALL BE 1" UNLESS OTHERWISE NOTED.

9 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

10 STEAM AND CONDENSATE SYSTEMS ARE DESIGNED BASED ON THE ASSUMPTION OF A SUPERVISED WARM-UP PROCEDURE.

SHEET METAL GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.

7 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE HEAT TRACE ON ERU CONDENSATE DRAINS. COORDINATE WITH ELECTRICAL.

2 PIPE PORTAL.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

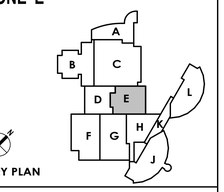
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ROOF MECHANICAL PLAN - ZONE 'E'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS

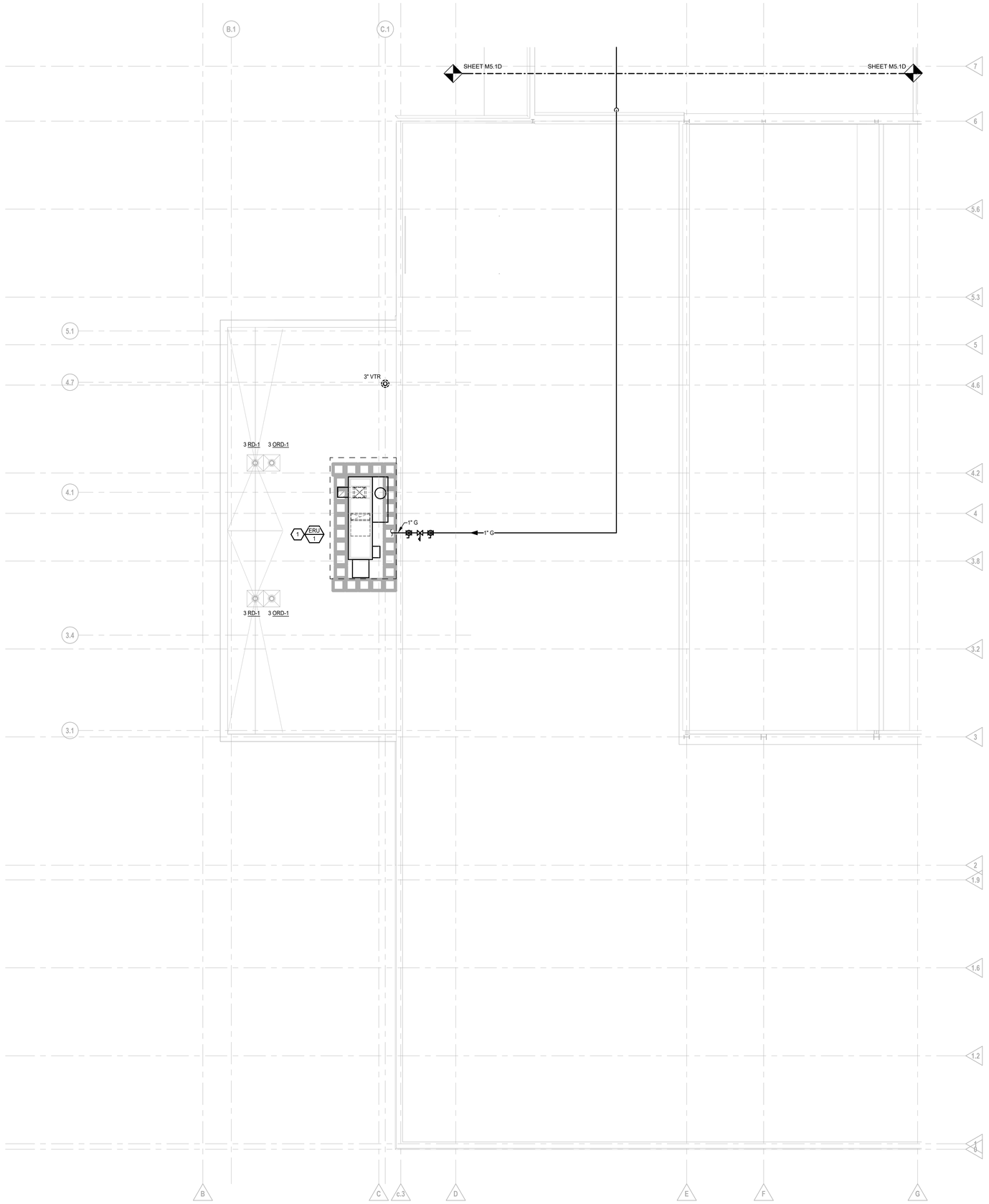
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M5.1E

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:30 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



ROOF MECHANICAL PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

PLUMBING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL PLANS FOR DIMENSIONED LOCATIONS OF PLUMBING FIXTURES.

7 HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS OTHERWISE NOTED.

8 PLUMBING VENT PIPING THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.

9 PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.

10 MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".

HVAC PIPING GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, SHEET METAL, OTHER PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 SUBMIT PROPOSED METHODS OF ANCHORING AND GUIDING PIPING SYSTEMS TO STRUCTURAL ENGINEER FOR APPROVAL.

7 COORDINATE LOCATION OF DUCT-MOUNTED HYDRONIC DEVICES WITH SHEET METAL TRADES.

8 BRANCH PIPING SERVING TERMINAL UNIT HEATING COILS OR RADIANT CEILING PANELS SHALL BE 3/4" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING MORE THAN ONE TERMINAL UNIT HEATING COIL SHALL BE 1" UNLESS OTHERWISE NOTED. BRANCH PIPING SERVING HOT WATER UNIT HEATERS AND CABINET UNIT HEATERS SHALL BE 1" UNLESS OTHERWISE NOTED.

9 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

10 STEAM AND CONDENSATE SYSTEMS ARE DESIGNED BASED ON THE ASSUMPTION OF A SUPERVISED WARM-UP PROCEDURE.

SHEET METAL GENERAL NOTES:

1 THESE DRAWINGS ARE DIAGRAMMATIC, AND REPRESENT THE GENERAL INTENT AND ARRANGEMENT OF SYSTEMS. THEY ARE NOT TO BE CONSIDERED FABRICATION/COORDINATION/SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM AND TO AVOID INTERFERENCES WITH ALL OTHER SYSTEMS INCLUDING THE STRUCTURE, PIPING SYSTEMS, ELECTRICAL CONDUITS, BUS DUCTS, CABLE TRAY, LIGHT FIXTURES, ETC. AND/OR OTHER SPACE CONSTRAINTS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 PIPING AND DUCTWORK SHALL NOT BE INSTALLED ABOVE ELECTRICAL TRANSFORMERS, SWITCHBOARDS, PANELBOARDS OR MOTOR CONTROL CENTERS.

4 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

5 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

6 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR DIMENSIONED LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.

7 REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE HEAT TRACE ON ERU CONDENSATE DRAINS. COORDINATE WITH ELECTRICAL.

2 PIPE PORTAL.

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

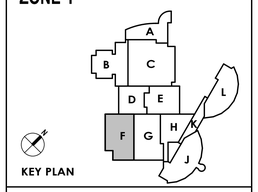
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ROOF MECHANICAL PLAN - ZONE 'F'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

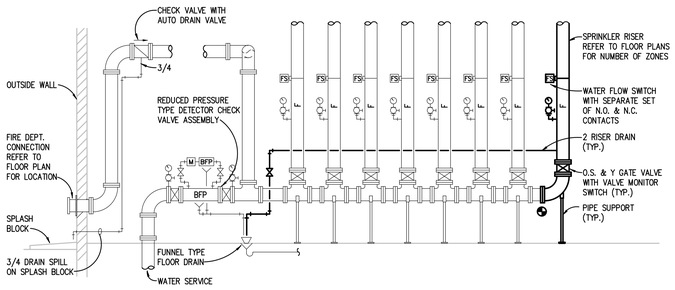
PROJECT NO.

25026D

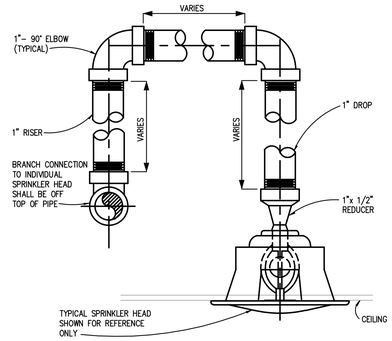
DRAWING NO.

M5.1F

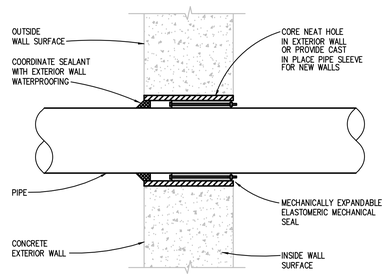
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:32 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt



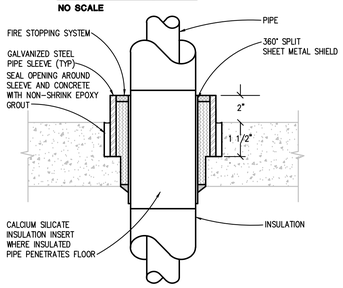
AUTOMATIC SPRINKLER RISER PIPING DIAGRAM
NO SCALE



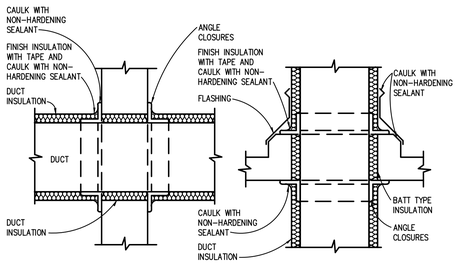
TYPICAL SPRINKLER PIPING DETAIL
NO SCALE



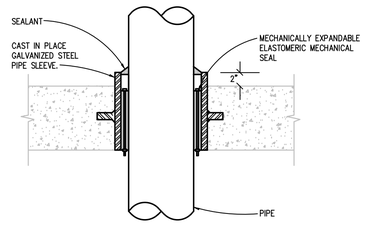
EXTERIOR BELOW GRADE WALL PIPE PENETRATION DETAIL
NO SCALE



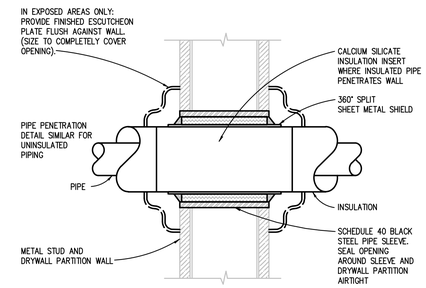
EXISTING FLOOR PIPE PENETRATION DETAIL
NO SCALE



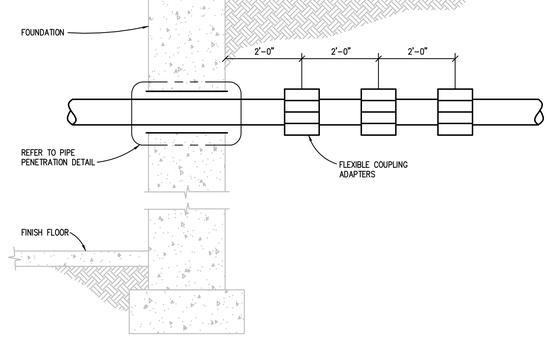
VERTICAL OR HORIZONTAL (NON FIRE RATED ASSEMBLY) DUCT PENETRATION DETAIL
NO SCALE



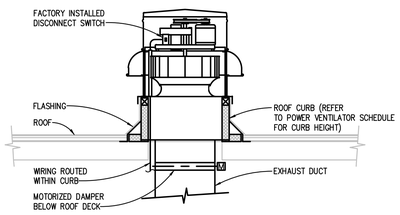
NEW SLAB ON GRADE FLOOR PIPE PENETRATION DETAIL
NO SCALE



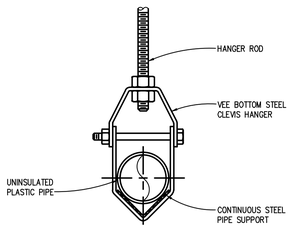
FIRE RATED AND NON-FIRE RATED METAL STUD AND DRYWALL PARTITION WALL PIPE PENETRATION DETAIL
NO SCALE



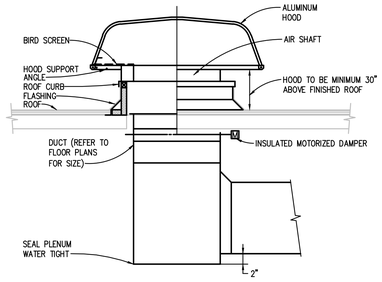
PIPE PENETRATION THROUGH FOUNDATION DETAIL
NO SCALE



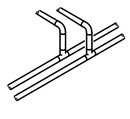
ROOF MOUNTED POWER VENTILATOR EXHAUST FAN DETAIL
NO SCALE



UNINSULATED PLASTIC PIPE HANGER DETAIL
NO SCALE

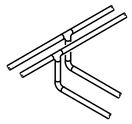


DUCTED INTAKE OR RELIEF HOOD INSTALLATION DETAIL
NO SCALE



BRANCH CONNECTION OFF TOP

APPLIES TO THE FOLLOWING SYSTEMS:
DOMESTIC WATER
STEAM & CONDENSATE
LABORATORY GASES
LABORATORY VACUUM
COMPRESSED AIR
NATURAL GAS

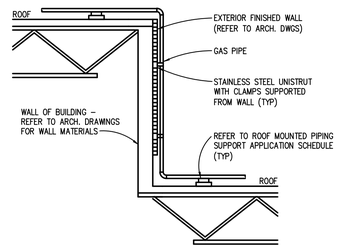


BRANCH CONNECTION OFF BOTTOM

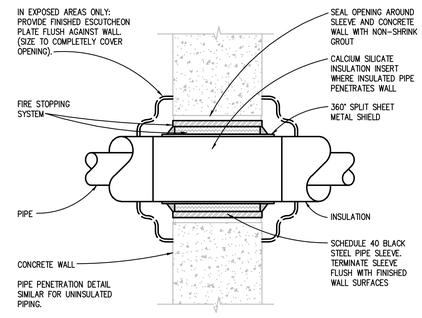
APPLIES TO THE FOLLOWING SYSTEMS:
HOT WATER HEATING
CHILLED WATER
CONDENSER WATER
ENERGY RECOVERY
PROCESS COOLING WATER

NOTE: BOTTOM AS INDICATED OR SIDE CONNECTION IS ACCEPTABLE. CONNECTION ABOVE CENTERLINE OF MAINS IS NOT ACCEPTABLE.

TYPICAL BRANCH TAKE-OFF CONNECTION PIPING DETAIL
NO SCALE



GAS PIPE MOUNTING DETAIL
NO SCALE



FIRE RATED AND NON-FIRE RATED POURED CONCRETE OR BLOCK WALL PIPE PENETRATION DETAIL
NO SCALE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL DETAILS

ISSUE DATES

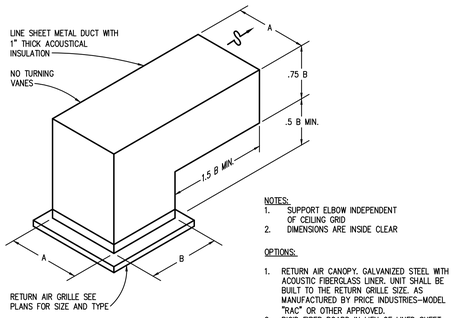
DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M6.1

g:\2025\2025-0326-00\CAD\2025-0326-M6-DT.dwg, M6.1, 3/9/2026 8:23:47 AM, Rachael L. Wilson, None ,0.09448, Peter Basso Associates Inc.

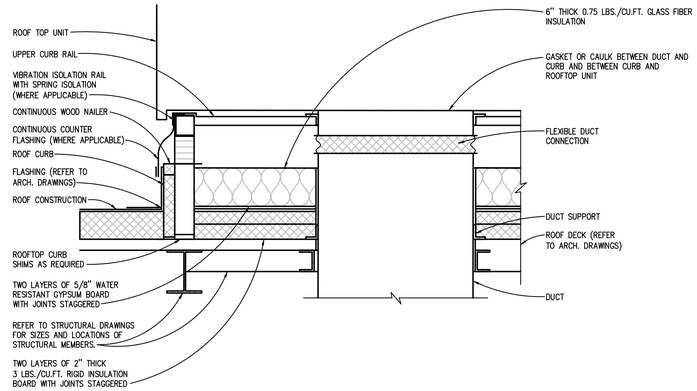


NOTES:
1. SUPPORT ELBOW INDEPENDENT OF CEILING GRID
2. DIMENSIONS ARE INSIDE CLEAR

OPTIONS:

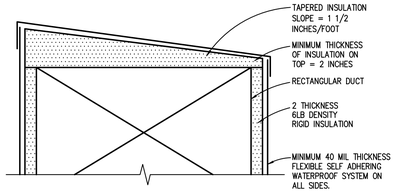
1. RETURN AIR CANOPY, GALVANIZED STEEL WITH ACOUSTIC FIBERGLASS LINER. UNIT SHALL BE BUILT TO THE RETURN GRILLE SIZE. AS MANUFACTURED BY PRICE INDUSTRIES–MODEL "RAC" OR OTHER APPROVED.
2. RIGID FIBER BOARD IN LIEU OF LINED SHEET METAL DUCT.

CEILING GRILLE TO/FROM PLENUM

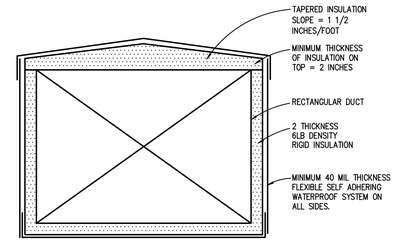


NOTE:
1. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR SPECIFIC FLASHING AND SUPPORT DETAILS.

ROOF TOP UNIT CURB SOUND ATTENUATION DETAIL
NO SCALE

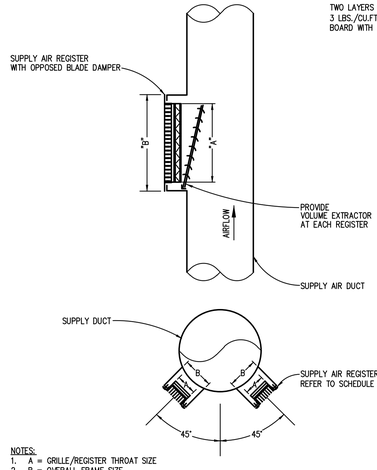


SLOPED IN ONE DIRECTION
OPTIONAL FOR DUCTS 30" AND SMALLER



SLOPED IN TWO DIRECTIONS

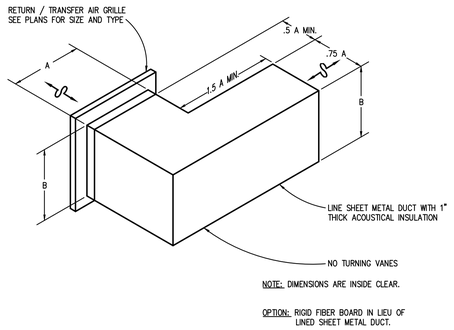
OUTDOOR DUCT INSULATION DETAIL
NO SCALE





NOTES:
1. A = GRILLE/REGISTER THROAT SIZE
2. B = OVERALL FRAME SIZE

DUCT MOUNTED SUPPLY AIR REGISTER DETAIL
NO SCALE



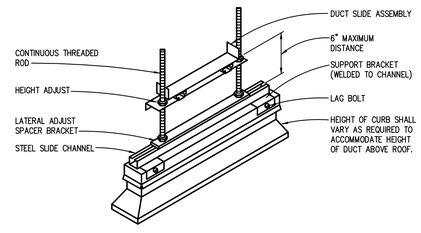
NOTE: DIMENSIONS ARE INSIDE CLEAR.

OPTION: RIGID FIBER BOARD IN LIEU OF LINED SHEET METAL DUCT.

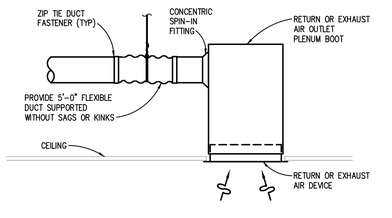
PLENUM TO / FROM WALL GRILLE

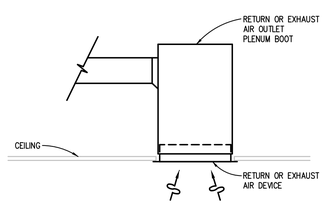
PLENUM RETURN AIR GRILLE DETAILS
NO SCALE

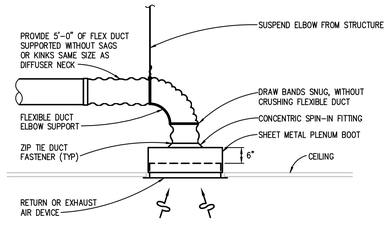
L TYPE

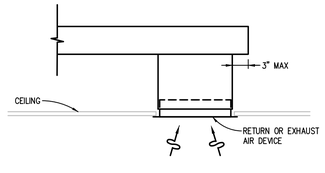


DUCT MOUNTING PEDESTAL DETAIL (ROOF MOUNTED DUCTWORK)
NO SCALE



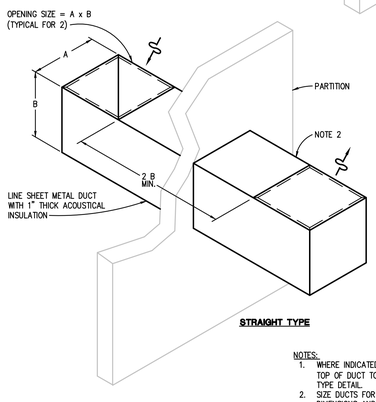




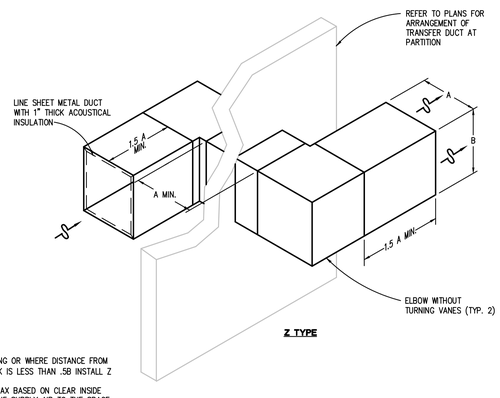


RETURN OR EXHAUST AIR DEVICE INSTALLATION DETAIL
NO SCALE

NOTE: PAINT INTERIOR SURFACE OF PLENUM BOX FLAT BLACK.



STRAIGHT TYPE



Z TYPE

NOTES:
1. WHERE INDICATED ON DRAWING OR WHERE DISTANCE FROM TOP OF DUCT TO SLAB/DECK IS LESS THAN .5B INSTALL Z TYPE DETAIL.
2. SIZE DUCTS FOR 400 FPM MAX BASED ON CLEAR INSIDE DIMENSIONS AND 100% OF THE SUPPLY AIR TO THE SPACE UNLESS OTHERWISE NOTED.
3. ROTATE DETAILS 90° WHERE VERTICAL INSTALLATION IS INDICATED.
4. DIMENSIONS ARE INSIDE CLEAR.

OPTIONS:
1. RIGID FIBER BOARD MAY BE USED IN LIEU OF LINED SHEET METAL DUCT.

AIR TRANSFER DUCT DETAILS
NO SCALE

g:\2025\2025-0326-00\CAD\2025-0326-M6-DT.dwg, M6.2, 3/9/2026 8:23:48 AM, Rachel L. Wilson, None ,0.09448, Peter Basso Associates Inc.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL DETAILS

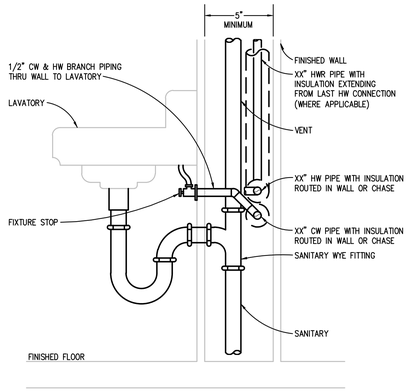
ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M6.2

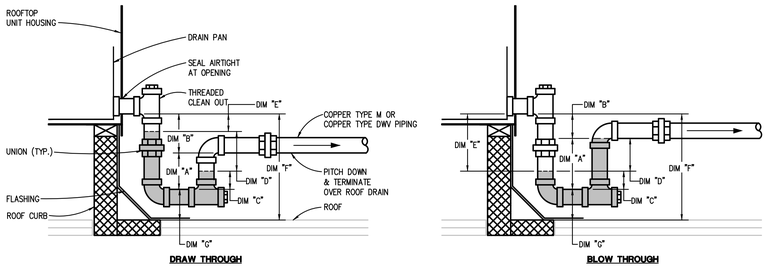


TYPICAL LAVATORY DETAIL
NO SCALE

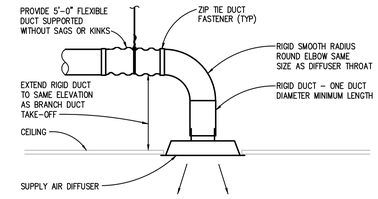
TRAP DIMENSION TABLE

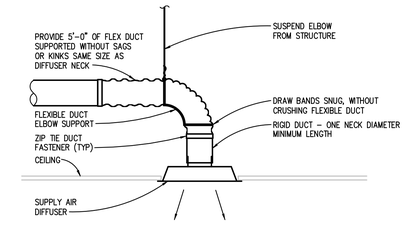
TYPE OF SYSTEM	S.P. AT DRAIN PAN (IN.) (NOTE A)	DIMENSION "A" (INCHES) MIN.	DIMENSION "B" (INCHES)	DIMENSION "C" (INCHES) (TRAP SEAL)	DIMENSION "D" (INCHES)	DIMENSION "E" (INCHES)	DIMENSION "F" (INCHES) DRAIN PIPE SIZE (INCHES)			
							1 1/2	2	2 1/2, 3	4
DRAW THROUGH	−5.1 TO −6	5.0	5.0	2	6	2	13.0	14.0	15.0	16.0
	−4.1 TO −5	4.5	4.5	2	5	2	12.0	13.0	14.0	15.0
	−3.1 TO −4	4.0	4.0	2	4	2	11.0	12.0	13.0	14.0
	−2.1 TO −3	3.5	3.5	2	3	2	10.0	11.0	12.0	13.0
	UP TO −2	3.0	3.0	2	2	2	9.0	10.0	11.0	12.0
BLOW THROUGH	UP TO +2	4.0	2.0	2	2	4	9.0	10.0	11.0	12.0
	+2.1 TO +3	5.0	2.0	2	3	5	10.0	11.0	12.0	13.0
	+3.1 TO +4	6.0	2.0	2	4	6	11.0	12.0	13.0	14.0
	+4.1 TO +5	7.0	2.0	2	5	7	12.0	13.0	14.0	15.0
	+5.1 TO +6	8.0	2.0	2	6	8	13.0	14.0	15.0	16.0

NOTES: A. REFER TO ROOFTOP AIR HANDLING UNIT (COMMERCIAL, UNITARY, MODULAR) SCHEDULE FOR (−) OR (+) STATIC PRESSURE AT DRAIN PAN.
B. CONDENSATE DRAIN PAN TRAP PIPING SERVING ENERGY RECOVERY UNIT HEAT EXCHANGER AND HUMIDIFIER SECTIONS, WHERE LOCATED OUTDOORS, SHALL BE INSULATED AND HEAT TRACED.
C. DIMENSION "G" IS MIN: 3" FOR UP TO 1 1/2" DRAIN PIPE
4" FOR 2" DRAIN PIPE
5" FOR 2 1/2" OR 3" DRAIN PIPE
6" FOR 4" DRAIN PIPE
D. PROVIDE ROOF CURB WITH ADEQUATE HEIGHT TO MEET DIMENSION "F"

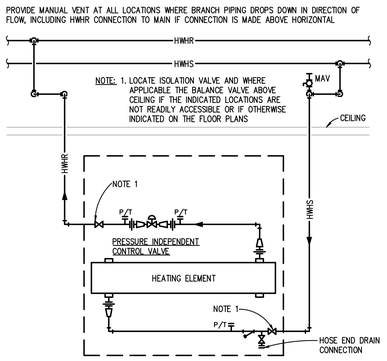


ROOFTOP AIR HANDLING/AIR CONDITIONING UNIT CONDENSATE DRAIN PAN TRAP DETAIL
NO SCALE

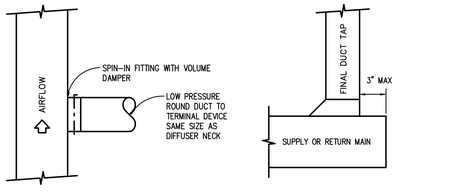




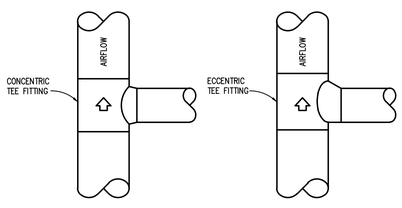
ROUND NECK SUPPLY AIR DIFFUSER DETAIL
NO SCALE



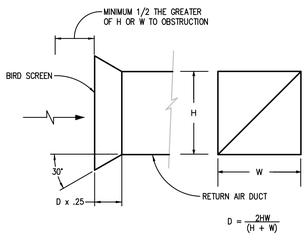
DOWNFEED CONV. OR CUH WITH TWO-WAY CONTROL VALVE PIPING DIAGRAM
NO SCALE



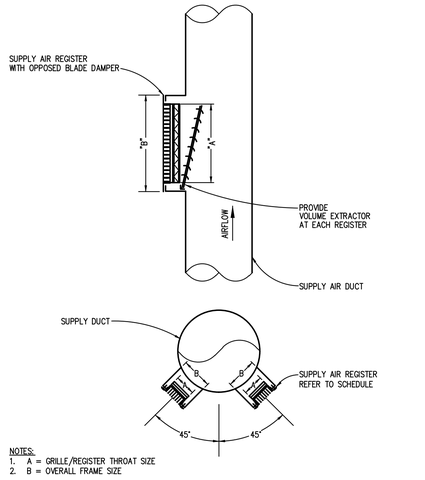
RECTANGULAR DUCT BRANCH TAKE-OFF DETAILS
NO SCALE



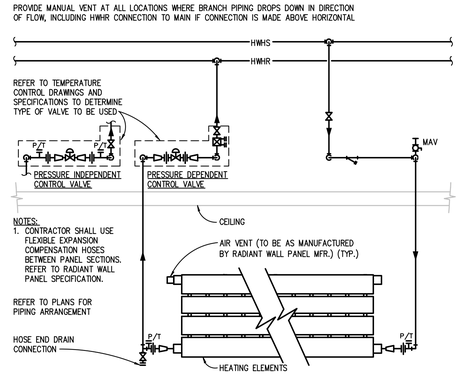
SPIRAL DUCT BRANCH TAKE-OFF DETAILS
NO SCALE **(ROUND AND FLAT OVAL SIMILAR)**



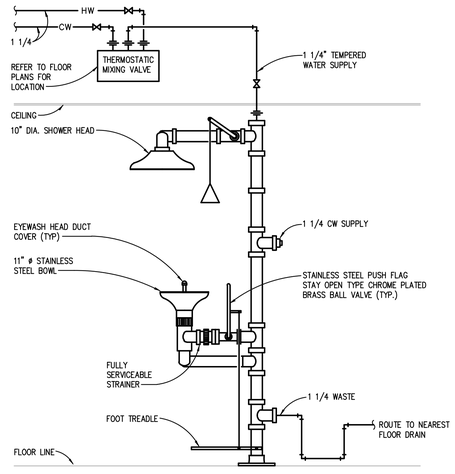
BELLMOUTH DETAIL
NO SCALE



DUCT MOUNTED SUPPLY AIR REGISTER DETAIL
NO SCALE



RADIANT WALL PANEL PIPING DIAGRAM
NO SCALE



FLOOR MOUNTED EMERGENCY EYEWASH AND SHOWER PIPING DIAGRAM
NO SCALE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL DETAILS

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25026D

DRAWING NO.
M6.3

g:\2025\2025-0326-00\CAD\2025-0326-M6-01.dwg, M6.3, 3/9/2026 8:23:50 AM, Rachel L. Wilson, None .0.09448, Peter Basso Associates Inc.

GAS LOAD SCHEDULE

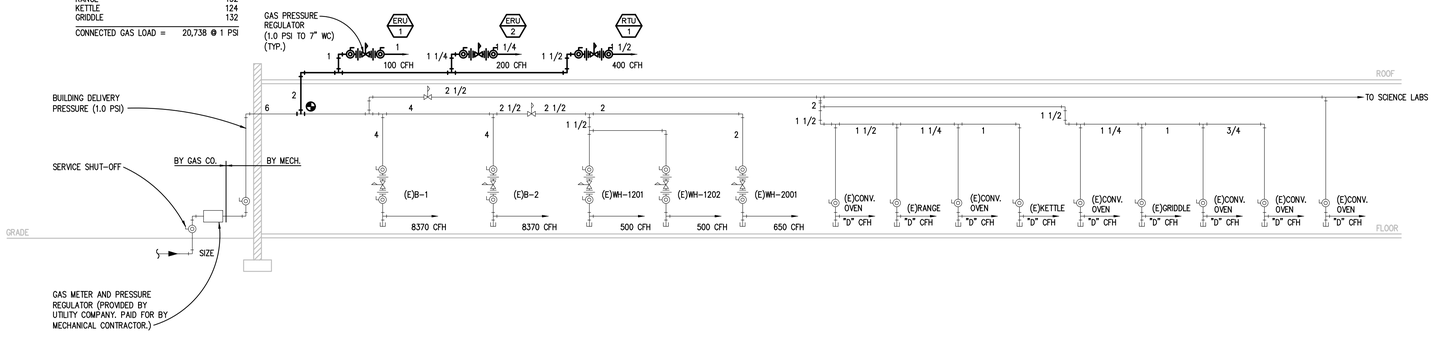
NEW EQUIPMENT	TOTAL CFH
ERU-1	100
ERU-2	200
RTU-1	400
EXISTING EQUIPMENT	
B-1	8370
B-2	8370
WH-1201	500
WH-1202	500
WH-2001	650
SCIENCE LABS	720
KITCHEN EQUIPMENT	
(6)CONVECTION OVEN	540
RANGE	132
KETTLE	124
GRIDDLE	132
CONNECTED GAS LOAD =	20,738 @ 1 PSI

*GAS TRAIN PROVIDED BY EQUIPMENT MANUFACTURER – SEE SPECIFICATIONS

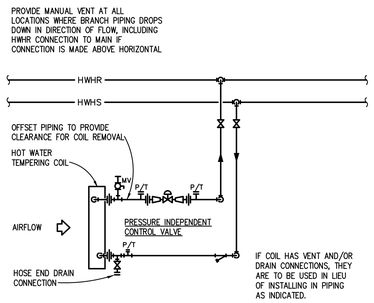
**GAS PRESSURE REGULATOR PROVIDED BY FOOD SERVICE MANUFACTURER

***THE GAS SERVICE COMPONENTS SHALL BE RATED IN ACCORDANCE WITH THE FOLLOWING CHART

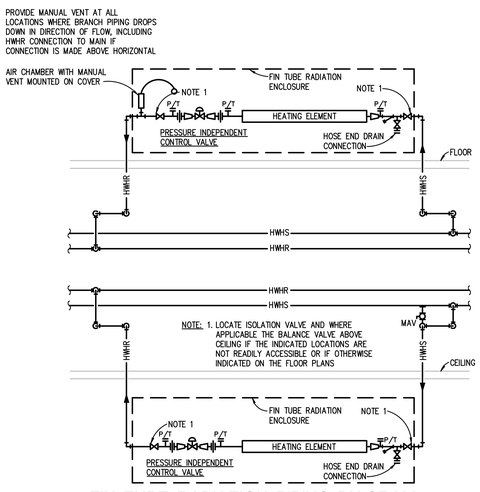
METER OUTLET PRESSURE (psig)	MINIMUM SYSTEM PRESSURE RATING (psig)
0.4	0.5
1 OR 2	10
3 OR 30	DELIVERY +10
31 TO 100	DELIVERY +20
101 TO 200	DELIVERY +30



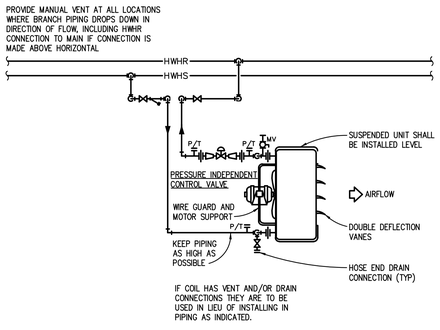
NATURAL GAS PIPING DIAGRAM
NO SCALE



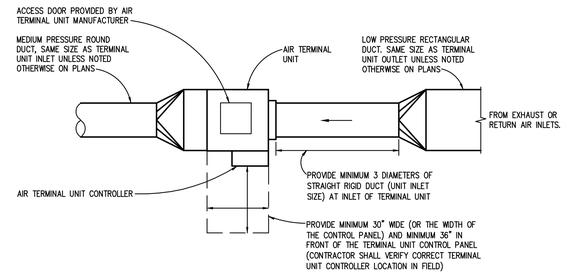
HOT WATER TEMPERING COIL WITH TWO-WAY CONTROL VALVE PIPING DIAGRAM
NO SCALE



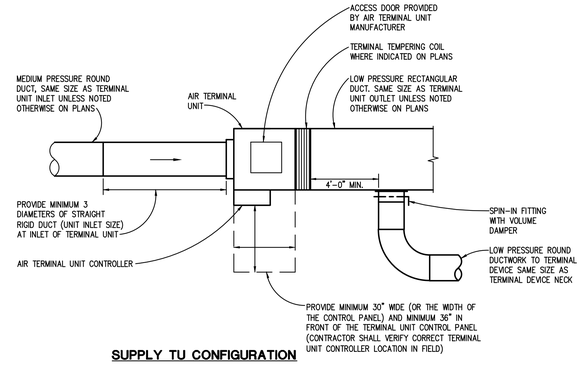
FIN TUBE RADIATION PIPING DIAGRAM
NO SCALE



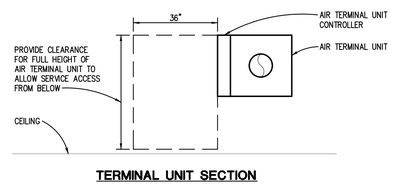
HOT WATER UNIT HEATER WITH TWO-WAY CONTROL VALVE PIPING DIAGRAM
NO SCALE



EXHAUST TU CONFIGURATION

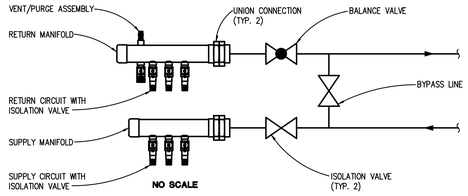


SUPPLY TU CONFIGURATION



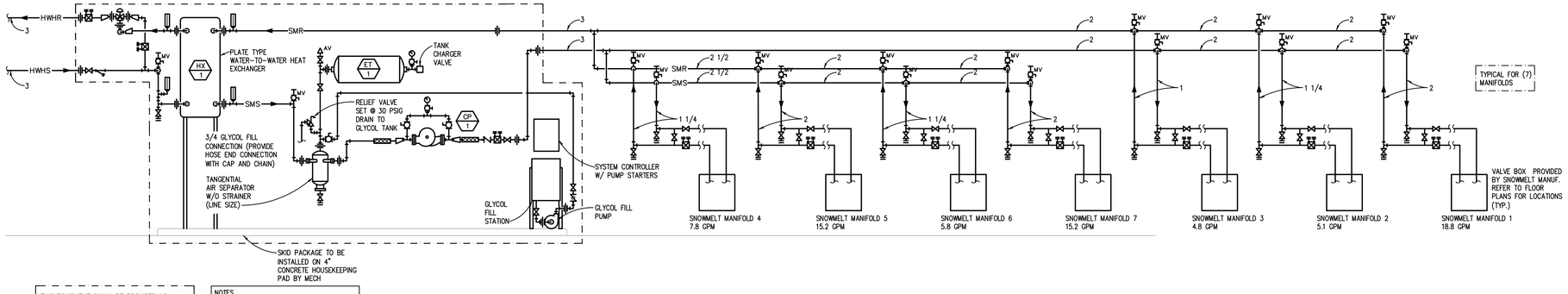
TERMINAL UNIT SECTION

AIR TERMINAL UNIT (TU) DETAIL
NO SCALE



NO SCALE

SNOW MELT SYSTEM MANIFOLD PIPING DIAGRAM



THIS EQUIPMENT SHALL BE PROVIDED AS A FACTORY ASSEMBLED SKID MOUNTED SNOWMELT PACKAGE. REFER TO SPECIFICATIONS.

NOTES

ALL BRANCH PIPING CONNECTIONS TO MAINS SHALL BE FROM SIDE OR BOTTOM OF PIPE

SNOW MELT SYSTEM PIPING DIAGRAM
NO SCALE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL DETAILS

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

25026D

DRAWING NO.

M6.4

g:\2025\2025-0326-00\CAD\2025-0326-M6-D1.dwg, M6.4, 3/9/2026 8:23:51 AM, Rachel L. Wilson, None .0.09448, Peter Basso Associates Inc.

PLUMBING PIPING & VALVE APPLICATION SCHEDULE

PIPE SIZE (INCHES)	MATERIAL: SOFT COPPER TYPE K	HARD COPPER TYPE L	HARD COPPER TYPE M	CARBON STEEL (SCHED. 40)	CARBON STEEL (STD.)	GALV. STEEL (SCHED. 40)	PEX	PE PIPE	PE SHEATHED CARBON STEEL PIPE	CSST	NO-HUB CISP	PVC TYPE DWV	PP DRAINAGE PIPE	COPPER TYPE DWV	DUCTILE IRON PIPE	PRESSURE CONNECTIONS: SOLDERED	BRAZED	WELDED	THREADED	FLANGED	GROOVED	INSERT & CRIMP	FUSION	PRESSURE-SEAL	MECHANICALLY-FORMED TEE	MECHANICAL JOINT	PUSH-ON JOINT	GRAVITY DWV CONNECTIONS: SOLVENT WELDED	SOLDERED	FUSION	CISP HUBLESS	HEAVY-DUTY HUBLESS	ISOLATION VALVES: BALL	AGA BALL	GENERAL SERVICE BUTTERFLY	LUBRICATED PLUG	GATE	KEYED NOTES
ABOVEGROUND DOMESTIC WATER (POTABLE AND NON-POTABLE) ON DISTRIBUTION SIDE OF METER - MIN. WORKING PRESS. & TEMP.: 125 PSIG AT 200 DEG F																																							
UP TO 4		X														X	X			X	X			X	X								X		X				A
ABOVEGROUND SANITARY WASTE & VENT - MIN. WORKING PRESS.: 10-FOOT HEAD OF WATER																																							
1-1/2 TO 15											X																				X								
ABOVEGROUND PUMPED SANITARY WASTE - MIN. WORKING PRESS.: 125 PSIG																																							
UP TO 2		X														X	X																X						
ABOVEGROUND INDIRECT SANITARY WASTE - MIN. WORKING PRESS.: 10-FOOT HEAD OF WATER																																							
UP TO 8			X												X															X									
ABOVEGROUND PUMPED INDIRECT SANITARY WASTE - MIN. WORKING PRESS.: 125 PSIG																																							
UP TO 2		X														X	X																X						
UNDERGROUND SANITARY WASTE & VENT - MIN. WORKING PRESS.: 10-FOOT HEAD OF WATER																																							
3 TO 12											X																				X								
UNDERGROUND PUMPED SANITARY WASTE - MIN. WORKING PRESS.: 125 PSIG																																							
UP TO 2-1/2		X														X	X																						
ABOVEGROUND COLD CONDENSATE DRAIN - MIN. WORKING PRESSURE: 10 FT. HEAD OF WATER																																							
ALL SIZES			X												X		X	X							X														
ABOVEGROUND PUMPED COLD CONDENSATE DRAIN - MIN. WORKING PRESSURE: 125 PSIG																																							
UP TO 2			X														X	X							X									X						
2-1/2 TO 4			X														X								X										X				
ABOVEGROUND STORM DRAINAGE - MIN. WORKING PRESS.: 10-FOOT HEAD OF WATER																																							
2											X																				X								
3 TO 15											X																				X								
UNDERGROUND STORM DRAINAGE - MIN. WORKING PRESS.: 10-FOOT HEAD OF WATER																																							
3 TO 12											X																				X								
15											X																				X								
ABOVEGROUND FUEL GAS - MIN. WORKING PRESS.: 100 PSIG																																							
UP TO 2				X														X	X															X					E
2-1/2 TO 3				X														X		X														X					E
4 TO 10				X														X		X																	X		E
12 AND LARGER					X													X		X																	X		E

GENERAL NOTES:
1. "X" INDICATES ACCEPTABLE SELECTION. IF MORE THAN ONE SELECTION IS INDICATED FOR A PIPING SYSTEM, CONTRACTOR MAY SELECT FROM THOSE INDICATED SELECTIONS.
2. DISSIMILAR-METAL PIPING JOINTS: CONSTRUCT JOINTS USING DIELECTRIC FITTINGS COMPATIBLE WITH BOTH PIPING MATERIALS.

   a. NPS 2 AND SMALLER : USE DIELECTRIC NIPPLE/WATERWAY.
   b. NPS 2-1/2 AND LARGER: USE DIELECTRIC FLANGE KITS.

3. USE UNIONS OR FLANGES AT VALVE AND EQUIPMENT CONNECTIONS.
4. PLUMBING EQUIPMENT DRAINS, VENTS, SAFETY VALVE PIPING, BLOWDOWN PIPING AND THE LIKE SHALL BE SAME PIPING MATERIAL AS ASSOCIATED PIPING SYSTEM.
5. GROOVED END VALVES MAY BE USED WITH GROOVED PIPING.

KEYED NOTES:
A. GROOVED AND FLANGED FITTINGS, JOINTS, AND COUPLINGS, IF INDICATED AS AN ACCEPTABLE SELECTION, MAY BE USED IN ACCESSIBLE LOCATIONS ONLY FOR THIS PIPING SYSTEM. ACCESSIBLE LOCATIONS ARE DEFINED AS EXPOSED CONSTRUCTION OR ABOVE LAY-IN CEILINGS.
B. JOINTS ARE NOT PERMITTED ON UNDERGROUND WATER PIPING.
C. USE CAST IRON DRAINAGE PATTERN (DURHAM) FITTINGS.
D. INSTALL IN CONTAINMENT JACKET, REFER TO SPECIFICATIONS.
E. VALVES, UNIONS, AND FLANGED JOINTS MAY BE USED IN ACCESSIBLE LOCATIONS ONLY, EXCLUDING CEILINGS USED AS AIR PLENUMS. ACCESSIBLE LOCATIONS ARE DEFINED AS EXPOSED CONSTRUCTION OR ABOVE LAY-IN CEILINGS. USE ONLY STEEL WELDED FITTINGS AND WELDED JOINTS IN CEILING USED AS AIR PLENUMS.
F. NO JOINTS ALLOWED UNDERGROUND.

DUCT SYSTEM APPLICATION SCHEDULE

AIR SYSTEMS	G90 GALV. SHEET METAL	DOUBLE-WALL LINED G90 GALV. SHEET METAL (SOLID INNER WALL)	DOUBLE-WALL LINED G90 GALV. SHEET METAL (PERF. INNER WALL)	G90 GALV. SHEET METAL WITH 1-INCH LINING	GALVANNEALED SHEET METAL	ALUMINUM	TYPE 304 STAINLESS STEEL	TYPE 316 STAINLESS STEEL	PVC COATED GALV. SHEET METAL (4X1)	PVC COATED GALV. SHEET METAL (1X4)	PVC COATED GALV. SHEET METAL (4X4)	16 GA. CARBON STEEL	ZERO-CLEARANCE PREFABRICATED RANGE HOOD EXHAUST DUCT	FABRIC	DESIGN PRESSURE CLASS (INCHES WG)	SEAL CLASS	MAX. ALLOWABLE LEAKAGE RATE (PERCENT)	KEYED NOTES
SUPPLY AIR WITHOUT TERMINAL UNITS	X		X												+2	A	5	
SUPPLY AIR UPSTREAM OF TERMINAL UNITS	X	X	X												+6	A	5	
SUPPLY AIR DOWNSTREAM OF TERMINAL UNITS	X		X												+2	A	5	
RETURN AIR WITHOUT TERMINAL UNITS	X	X													-2	A	5	
EXHAUST AIR WITHOUT TERMINAL UNITS	X														-2	A	5	
AIR TRANSFER DUCT				X											+2	A	5	

GENERAL NOTES:
1. "X" INDICATES ACCEPTABLE SELECTION. IF MORE THAN ONE SELECTION IS INDICATED FOR A PIPING SYSTEM, CONTRACTOR MAY SELECT FROM THOSE INDICATED SELECTIONS.
2. 4 X 1 PVC-COATED GALVANIZED STEEL: FACTORY-APPLIED PVC COATINGS SHALL BE 4 MILS (0.10 MM) THICK ON EXTERIOR SHEET METAL SURFACES OF DUCTS AND FITTINGS EXPOSED TO CORROSIVE CONDITIONS AND MINIMUM 1 MIL (0.025 MM) THICK ON INTERIOR SURFACES.
3. 1 X 4 (4 X 1 REVERSE COATED) PVC-COATED GALVANIZED STEEL: FACTORY-APPLIED PVC COATINGS SHALL BE 4 MILS (0.10 MM) THICK ON INTERIOR SHEET METAL SURFACES OF DUCTS AND FITTINGS EXPOSED TO CORROSIVE CONDITIONS AND MINIMUM 1 MIL (0.025 MM) THICK ON EXTERIOR SURFACES.
4. 4 X 4 PVC-COATED GALVANIZED STEEL: FACTORY-APPLIED PVC COATINGS SHALL BE 4 MILS (0.10 MM) THICK ON SHEET METAL SURFACES OF DUCTS AND FITTINGS EXPOSED TO CORROSIVE CONDITIONS AND 4 MILS (0.10 MM) THICK ON OPPOSITE SURFACES.

KEYED NOTES:
A. SCREWS, DAMPERS, OR PROJECTIONS OF ANY TYPE ON INTERIOR OF DUCT SURFACE ARE PROHIBITED
B. DUCT SHALL BE LINED WITHIN 25 FEET UPSTREAM OF FANS.
C. ALL WELDED CONSTRUCTION.

ABOVEGROUND PLUMBING PIPE & ACCESSORY INSULATION APPLICATION SCHEDULE

	INSULATION MATERIAL & THICKNESS (INCHES): FLEXIBLE ELASTOMERIC	FIBERGLASS	MINERAL WOOL	POLYISOCYANURATE	PHENOLIC	CELLULAR GLASS	CALCIUM SILICATE	FIELD-APPLIED JACKET MATERIAL: ALUMINUM	STAINLESS STEEL	PVC	SELF-ADHESIVE (FOR OUTDOOR APPLICATIONS)	PVDC (INDOOR)	PVDC (OUTDOOR)	KEYED NOTES
INDOOR PIPE SYSTEM AND SIZE (INCHES):														
DOMESTIC COLD WATER	1	1						X		X				A
DOMESTIC HOT WATER SUPPLY & RETURN 140 DEG AND LESS:														
• NPS 1-1/4 AND SMALLER	1	1						X		X				A
• NPS 1-1/2 AND LARGER	1.5	1.5						X		X				A
STORM WATER & OVERFLOW	1	1						X		X				A
ROOF DRAIN AND OVERFLOW DRAIN BODIES	1	1												
CONDENSATE AND EQUIPMENT DRAIN PIPING BELOW 60 DEG F	0.75	1												
FLOOR DRAINS, TRAPS AND SANITARY DRAIN PIPING WITHIN 10 FEET OF DRAIN RECEIVING CONDENSATE AND EQUIPMENT DRAIN WATER BELOW 60 DEG F	0.75	1						X		X				A

UNLESS OTHERWISE INDICATED OR SCHEDULED, DO NOT INSULATE THE FOLLOWING:
- FIRE SUPPRESSION PIPING
- UNDERGROUND PIPING
- LABORATORY GAS AND VACUUM PIPING
- MEDICAL GAS AND VACUUM PIPING
- FUEL GAS PIPING
- FUEL OIL PIPING

GENERAL NOTES:
1. "X" OR THICKNESS IN INCHES INDICATES ACCEPTABLE SELECTION. IF MORE THAN ONCE SELECTION IS INDICATED FOR A SYSTEM, CONTRACTOR MAY SELECT FROM THOSE INDICATED SELECTIONS.
2. INSULATE PIPING WITHIN AIR HANDLING EQUIPMENT THE SAME AS INDOOR PIPING. PROVIDE ALUMINUM OR STAINLESS STEEL JACKET.

KEYED NOTES:
A. PROVIDE FIELD APPLIED JACKET FOR PIPING EXPOSED IN EQUIPMENT ROOMS, STORAGE ROOMS, JANITORS CLOSETS, RECEIVING ROOMS, TEST AREAS, CIRCULATION AREAS AND SUCH AREAS SUBJECT TO DAMAGE, WITHIN 10 FEET (3 METERS) OF FINISHED FLOOR.
B. PROVIDE MANUFACTURER'S RECOMMENDED PROTECTIVE COATING FOR FLEXIBLE ELASTOMETRIC THERMAL INSULATION.

DUCT SYSTEM INSULATION APPLICATION SCHEDULE

	INSULATION MATERIAL & THICKNESS (INCHES): FIBERGLASS BLANKET 0.75 LB/CU FT	FIBERGLASS BLANKET 1.0 LB/CU FT	FIBERGLASS BOARD 2.25 LB/CU FT	FIBERGLASS BOARD 6.0 LB/CU FT	FLEXIBLE ELASTOMERIC	ASTM E2336 2-HOUR FIRE RATED BLANKET	2-HOUR FIRE RATED BLANKET	FIELD APPLIED JACKET MATERIAL: ALUMINUM	SELF-ADHESIVE (FOR OUTDOOR APPLICATIONS)	KEYED NOTES
DUCT SYSTEMS LOCATED INDOORS										
SUPPLY AIR, EXCEPT AS NOTED BELOW		1.5								A,E
RECTANGULAR SUPPLY AIR IN MECHANICAL ROOMS			1.5							
ROUND & FLAT OVAL SUPPLY AIR IN MECHANICAL ROOM		1.5								
RECTANGULAR RETURN AIR IN MECHANICAL EQUIPMENT ROOM			1.5							
OUTSIDE AIR AND MIXED AIR, EXCEPT AS NOTED BELOW		1.5								
EXHAUST AND RELIEF AIR BETWEEN ISOLATION DAMPER AND PENETRATION OF BUILDING EXTERIOR, EXCEPT AS NOTED BELOW		1.5								
RECTANGULAR EXHAUST AND RELIEF AIR BETWEEN ISOLATION DAMPER AND PENETRATION OF BUILDING EXTERIOR, IN MECHANICAL ROOMS			1.5							
ROUND & FLAT OVAL EXHAUST AND RELIEF AIR BETWEEN ISOLATION DAMPER AND PENETRATION OF BUILDING EXTERIOR, IN MECHANICAL ROOMS		1.5								
DUCT SYSTEMS LOCATED OUTDOORS										
RECTANGULAR DUCTS AND AIR PLENUMS, ALL TYPES				2				X		
ROUND & FLAT OVAL SUPPLY AIR	3				2			X		D
ROUND & FLAT OVAL RETURN & EXHAUST AIR	3				2			X		D

PLENUMS, DUCTS, AND DUCT ACCESSORIES NOT REQUIRING INSULATION:
- FIBROUS-GLASS DUCTS
- DOUBLE-WALL METAL DUCTS WITH INSULATION OF SUFFICIENT THICKNESS TO COMPLY WITH ENERGY CODE AND ASHRAE / IESNA 90.1 - 2013
- METAL DUCTS WITH DUCT LINER OF SUFFICIENT THICKNESS TO COMPLY WITH ENERGY CODE AND ASHRAE / IESNA 90.1 - 2013
- FABRIC SUPPLY DUCTS
- FACTORY-INSULATED FLEXIBLE DUCTS
- FACTORY-INSULATED PLENUMS AND CASINGS
- FLEXIBLE CONNECTORS
- VIBRATION-CONTROL DEVICES
- FACTORY-INSULATED ACCESS PANELS AND DOORS

GENERAL NOTES:
1. "X" OR THICKNESS IN INCHES INDICATE ACCEPTABLE SELECTION. IF MORE THAN ONCE SELECTION IS INDICATED FOR A SYSTEM, CONTRACTOR MAY SELECT FROM THOSE INDICATED SELECTIONS.
2. REFER TO METAL DUCT SECTION OF SPECIFICATIONS FOR DUCT LINING AND DOUBLE-WALL INSULATED DUCT.
3. REFER TO HVAC CASINGS SECTION OF SPECIFICATIONS FOR DOUBLE-WALL INSULATED PLENUMS.

KEYED NOTES:
A. INCLUDE INSULATION AROUND DUCT MOUNTED COILS AND AIR TERMINAL UNITS COILS.
B. NUMBER OF LAYERS AND TOTAL INSULATION THICKNESS AS RECOMMENDED BY SELECTED MANUFACTURER.
C. DOES NOT APPLY TO PREFABRICATED, ZERO-CLEARANCE GREASE DUCT.
D. PROVIDE MANUFACTURER;S RECOMMENDED PROTECTIVE COATING FOR FLEXIBLE ELASTOMERIC THERMAL DUCT INSULATION.
E. EXPOSED SUPPLY DUCTWORK LOCATED IN CONDITIONED SPACE SERVED BY THAT SYSTEM IS NOT REQUIRED TO BE INSULATED.

HORIZONTAL PIPING AND SUPPORT APPLICATION SCHEDULE

METAL PIPE TYPE & SIZE	HANGER OR SUPPORT TYPE: MSS TYPE 1 CLEVIS HANGER	MSS TYPE 10 SWIVEL RING BAND HANGER	MSS TYPE 41 DOUBLE ROD PIPE ROLLER	MSS TYPE 43 SINGLE ROD ROLLER HANGER	MSS TYPE 44 PIPE ROLLER & STAND	MSS TYPE 46 ADJUSTABLE PIPE ROLL STAND	SHIELD TYPE: MSS TYPE 39 PROTECTION SADDLE	MSS TYPE 40 INSULATION PROTECTION SHIELD	THERMAL-HANGER SHIELD	KEYED NOTES
UNINSULATED SINGLE PIPE										
UP TO 2 INCH	X	X								
2-1/2 INCH TO 4 INCH	X	X								
INSULATED SINGLE COLD PIPES										
UP TO 2 INCH	X	X						X	X	A
2-1/2 INCH TO 4 INCH	X								X	
INSULATED SINGLE HOT PIPES										
UP TO 2 INCH	X	X					X	X	X	A, C

GENERAL NOTES:
1. "X" INDICATES APPROVED HANGER OR SUPPORT ELEMENTS. IF MORE THAN ONE HANGER OR SUPPORT ELEMENT IS INDICATED, SELECTION FROM APPROVED ELEMENTS IS CONTRACTOR'S OPTION.
2. REFER TO HANGER AND SUPPORT SECTION FOR APPROVED MANUFACTURERS.
3. HANGERS AND SUPPORTS USED FOR FIRE PROTECTION SERVICES SHALL BE UL LISTED OR FMG APPROVED.
4. HANGER ELEMENTS IN CONTACT WITH BARE COPPER PIPE SHALL BE COPPER PLATED, PLASTIC COATED, FELT LINED, OR USE MANUFACTURED COPPER TUBE ISOLATORS.
5. REFER TO INDIVIDUAL PIPING SPECIFICATION SECTIONS FOR HANGER SPACING.
6. MULTIPLE PARALLEL COLD PIPES MAY BE TRAPEZE SUPPORTED FROM BELOW USING U-BOLTS OR STRUT CLAMPS AND THERMAL HANGER SHIELDS. REFER TO KEYED NOTE A.
7. MULTIPLE PARALLEL COLD PIPES MAY BE TRAPEZE SUPPORTED FROM ABOVE USING STANDARD HANGER ELEMENTS INDICATED FOR SINGLE COLD PIPES.
8. MULTIPLE PARALLEL HOT PIPES MAY BE TRAPEZE SUPPORTED FROM BELOW USING ROLLER ELEMENTS AND THERMAL HANGER SHIELD OR INSULATION PROTECTION SADDLE. REFER TO KEYED NOTES B AND C.
9. MULTIPLE PARALLEL HOT PIPES MAY BE TRAPEZE SUPPORTED FROM ABOVE USING STANDARD ROLLER HANGERS INDICATED AND THERMAL HANGER SHIELD OR INSULATION PROTECTION SADDLE. REFER TO KEY NOTES B AND C.
10. REFER TO INDIVIDUAL PIPING SPECIFICATION SECTIONS FOR ADDITIONAL SYSTEM SPECIFIC HANGER APPLICATIONS.

KEYED NOTES:
A. USE THERMAL HANGER SHIELD ON TRAPEZE SUPPORTED INSULATED PIPE TO PREVENT CRUSHING OF INSULATION.
B. USE THERMAL HANGER SHIELD DESIGNED FOR USE ON ROLLER SUPPORTS FOR INSULATED HOT PIPE.
C. USE TYPE 39 PROTECTION SADDLES IF INSULATION WITHOUT VAPOR BARRIER IS INDICATED. FILL INTERIOR VOIDS WITH INSULATION MATCHING ADJOINING INSULATION.

SCHEDULES GENERAL NOTES:

TYPICAL FOR ALL SCHEDULE SHEETS:

1 REFER TO ELECTRICAL STANDARD SCHEDULES, ONE LINE DIAGRAM AND PANEL SCHEDULES FOR ADDITIONAL ELECTRICAL INFORMATION

2 PROVIDE THE FOLLOWING FACTORY-WIRED ELECTRICAL OPTIONS/ACCESSORIES WHERE INDICATED IN SCHEDULE:
A - NON-FUSED DISCONNECT SWITCH
B - UNIT SHALL BE SINGLE POINT ELECTRICAL CONNECTION WITH FACTORY INSTALLED DISCONNECTING MEANS AND ALL REQUIRED STARTERS AND CONTROLS
C - SERVICE RECEPTACLE
D - FUSED DISCONNECT SWITCH
E - COMBINATION STARTER
F - UNIT SHALL HAVE (2) SINGLE POINT CONNECTIONS WITH FACTORY INSTALLED DISCONNECTING MEANS AND ALL REQUIRED STARTERS AND CONTROLS. (1) CONNECTION SHALL BE FOR CONDENSING SECTION AND (1) CONNECTION SHALL BE FOR THE REMAINDER OF THE UNIT.

3 FOR MODULATION TYPE COLUMN, "AUTO" INDICATES AUTOMATIC OPERATION (CONTROLLED BY TEMPERATURE CONTROLS OR SELF CONTAINED CONTROLS), "MANUAL" INDICATES HAND OPERATION.

4 FOR VARIABLE FREQUENCY CONTROLLERS:
A - "NON-INTEGRAL" INDICATES THAT VARIABLE FREQUENCY CONTROLLERS SHALL BE SUPPLIED BY THE MECHANICAL CONTRACTOR (UNLESS OTHERWISE NOTED) AND INSTALLED BY THE ELECTRICAL CONTRACTOR, INCLUDING LINE SIDE AND LOAD SIDE WIRING TO THE MOTOR, AND INCLUDING MISCELLANEOUS STEEL WHEN REQUIRED FOR SUPPORT AND MOUNTING. REFER TO FLOOR PLANS FOR LOCATION.
B - "INTEGRAL" INDICATES THAT EQUIPMENT SHALL COME COMPLETE WITH VARIABLE FREQUENCY CONTROLLER WHICH IS FACTORY INSTALLED AND WIRED TO THE MOTOR. ELCTRICAL CONTRACTOR SHALL PROVIDE LINE SIDE WIRING TO THE VARIABLE FREQUENCY CONTROLLER.
C - "NONE" INDICATES THAT NO VARIABLE FREQUENCY CONTROLLER IS REQUIRED FOR THIS EQUIPMENT.

5 WHERE EQUIPMENT IS INDICATED TO HAVE A SINGLE POINT ELECTRICAL CONNECTION, THAT EQUIPMENT SHALL COME COMPLETE WITH FACTORY INSTALLED STARTERS, MOTOR OVERLOAD PROTECTION, CONTACTORS, FUSING AND ALL NECESSARY INTERNAL WIRING AND CONTROLS. PROVIDE A FACTORY MOUNTED UNIT DISCONNECTING MEANS WHERE THE ELECTRICAL CONTRACTOR SHALL MAKE SINGLE POINT CONNECTION. INSTALL PACKAGED EQUIPMENT SUCH THAT THE ELECTRICAL CONNECTION AND CONTROLS ARE ACCESSIBLE AND HAVE CLEARANCES MEETING THE NATIONAL ELECTRICAL CODE.

6 WHERE PACKAGED EQUIPMENT IS PROVIDED, NAMEPLATE MUST INDICATE MAXIMUM OVERCURRENT PROTECTION BY HACR RATED CIRCUIT BREAKERS OR FUSES. IF FUSE PROTECTION ONLY IS INDICATED, PROVIDE A FUSIBLE DISCONNECT AND FUSES WITH THE UNIT.

7 WHERE EQUIPMENT IS DESIGNATED BY MANUFACTURER AND MODEL NUMBER, THIS IS THE BASIS OF DESIGN. IF THE CONTRACTOR ELECTS TO PROVIDE EQUIPMENT BY OTHER SPECIFIED MANUFACTURERS OR PROPOSED ALTERNATE EQUIPMENT BY THE BASIS OF DESIGN MANUFACTURER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REVISIONS TO ELECTRICAL REQUIREMENTS, STRUCTURAL LOADING, OR ARCHITECTURAL APPURTENANCES AND SHALL INCLUDE THE COST OF SUCH REVISIONS IN THEIR BID.

8 WHERE EQUIPMENT IS SCHEDULED TO INCLUDE A SERVICE RECEPTACLE, PROVIDE A FACTORY MOUNTED SERVICE RECEPTACLE WITH APPROPRIATE FUSES AND TRANSFORMERS CONNECTED ON THE LINE SIDE OF THE UNIT DISCONNECT. PROVIDE A NAMEPLATE ON THE DISCONNECT SWITCH INDICATING THE PRESENCE OF LIVE POWER TO THE SERVICE RECEPTACLE WHEN HE UNIT DISCONNECT IS IN THE OFF POSITION.

9 <Designer Note: Standard mechanical specifications indicate that service receptacles are factory wired. If this note needs to change so that service receptacles are powered by individual 120v circuits, please coordinate this change with the mechanical specifications' sections.> SIZE ALL EQUIPMENT FEEDERS BASED ON THE LISTED MOP (MAXIMUM OVERCURRENT PROTECTION). REFER TO THE FEEDER AND BRANCH CIRCUIT SIZING SCHEDULE ON THE ELECTRICAL STANDARD SCHEDULES SHEET.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL SCHEDULES

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

25026D

DRAWING NO.

M7.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:33 AM

ENERGY RECOVERY UNIT SCHEDULE (A)

UNIT IDENTIFICATION			SUPPLY FAN						EXHAUST FAN						HEAT EXCHANGER (SUMMER)						HEAT EXCHANGER (WINTER)						COOLING COIL - DIRECT EXPANSION			
				MINIMUM OUTSIDE AIRFLOW CFM (NOTE 3)				MOTOR						MOTOR	SUPPLY SIDE			EXHAUST SIDE			SUPPLY SIDE			EXHAUST SIDE						
DES.	NO.	AREA/SYSTEM SERVED	CFM	MAX-MIN	ESP"	TSP"	CONROL TYPE	BHP	HP	CFM	ESP"	TSP"	CONTROL TYPE	BHP	HP	E.A.T. °F	L.A.T. °F	A.P.D. IN. WG.	E.A.T. °F	L.A.T. °F	A.P.D. IN. WG.	E.A.T. °F	L.A.T. °F	A.P.D. IN. WG.	E.A.T. °F	L.A.T. °F	A.P.D. IN. WG.	TOTAL CAPACITY MBH	E.A.T. °F	L.A.T. °F	A.P.D. IN. WG.
ERU	1	CTE	2200	1370	1.00	2.54	SZCV	1.39	2	2200	0.50	1.36	CV	0.86	1	91.0	79.2	0.78	75	86.5	0.81	-10	49.4	0.78	70	14.9	0.81	60.7	79	54	0.12
ERU	2	FITNESS	6600	2855	1.50	4.06	DAT DSP/VAV	6.55	7.5	6600	0.50	1.40	VAV	0.86	5	91.0	78.1	0.73	75	87.4	0.80	-10	53.2	0.73	70	8.4	0.80	200	76	53	0.41

ENERGY RECOVERY UNIT SCHEDULE (B)

UNIT IDENTIFICATION		HEATING SECTION - GAS FIRED (NATURAL GAS)							OUTSIDE AIR FILTERS			RETURN FILTERS			CURB			UNIT WEIGHT W/ CURB (LBS.)			ELECTRICAL								
		AIR TEMP.		CAPACITY (MBH)			MIN/MAX MANUFACTURER REQUIRED INLET PRESSURE AT GAS TRAIN								TYPE													
DES.	NO.	E.A.T. °F	L.A.T. °F	INPUT	OUTPUT	TURNDOWN	MIN	MAX	MERV	AREA SQ. FT.	SP" TOTAL	MERV	AREA SQ. FT.	SP" TOTAL	STANDARD	VIBRATION ISOLATION SPRING CURB	HEIGHT		SA/RA CONFIG.	EA/OA CONFIG.	VOLTS	PHASE	FLA	MOP	SCCR KA	OPTIONS/ ACCESSORIES	MODEL NUMBER	KEYED NOTES
ERU	1	49.4	83.4	100	81	16:1	7	10	13	24.44	0.14	13	8.33	0.143	NO	YES	18	6137	BOTTOM/BOTTOM	SIDE/SIDE	480	3	29.0	40	5	B	VXC-112-PH-7I-C-A2	1,2,3,4
ERU	2	62.8	96.8	200	158	12:1	7	10	13	40.00	0.40	13	11.11	0.396	NO	YES	18	7220	BOTTOM/BOTTOM	SIDE/SIDE	480	3	49.1	80	10	B	VXE-212-52D-15I-J-G2	1,2,3

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS ARE VALENT UNLESS OTHERWISE NOTED.SUPPLY FAN.
3. MINIMUM OUTSIDE AIRFLOW MAX-MIN CFM IS THE REQUIRED MINIMUM OUTSIDE AIRFLOW RATE WITH MAXIMUM OCCUPANT LOAD. MINIMUM OUTSIDE AIRFLOW MIN-MIN CFM IS THE REQUIRED MINIMUM OUTSIDE AIRFLOW RATE WITH ZERO OCCUPANT LOAD.
4. FLUID TYPE: W = WATER, PGXX = PROPYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL, EGXX = ETHYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL.
5. FOR UNITS LOCATED OUTDOORS, INSULATE AND PROVIDE ELECTRIC HEAT TRACE FOR HEAT EXCHANGER CABINET DRAIN PIPING.

KEYED NOTES:
1. COORDINATE UNIT CONFIGURATION WITH PLANS IN ORDER TO ALLOW FOR PROPER SERVICE ACCESS.
2. DESIGN MINIMUM OUTSIDE AIRFLOW CFM (VENTILATION) LISTED IS BASED ON THE ESTIMATED MAXIMUM OCCUPANT LOAD.
3. REFER TO TEMPERATURE CONTROL DRAWINGS FOR OUTSIDE AIR CONTROL SEQUENCE.
4. HOT GAS REHEAT.

POWER VENTILATOR SCHEDULE

UNIT IDENTIFICATION								ELECTRONICALLY COMMUTATED MOTOR					ELECTRICAL						
DES.	NO.	SYSTEM SERVED	TYPE	AIRFLOW CFM	T.S.P. IN. W.G.	TIP SPEED FPM	FAN RPM	FLA	MOP	RPM	MODULATION TYPE	CURB HEIGHT INCHES	VOLTS	PHASE	SCCR KA (NOTE 3)	OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
EF	1	TOILET ROOMS	DOWNBLAST	140	0.30	2893	1365	1.3	15	1725	AUTO	17	120	1	5	B	G-70-VG	
EF	2	MECHANICAL ROOM	DOWNBLAST	430	0.30	3694	1298	1.5	15	1725	AUTO	17	120	1	5	B	G-90-VG	1

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS ARE GREENHECK UNLESS OTHERWISE NOTED.
3. CONTROLLER (E.G. VARIABLE FREQUENCY CONTROLLER, MOTOR STARTER) FOR SPECIFIED EQUIPMENT SHALL BE MANUFACTURED AND MARKED PER NEC WITH A MINIMUM SHORT CIRCUIT CURRENT RATING AS INDICATED.

KEYED NOTES:
1. INCLUDE FAN SPEED CONTROLLER FOR 0-10V SIGNAL..

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

UNIT IDENTIFICATION										KEYED NOTES
DES.	NO.	TYPE	FACE SIZE	NECKSIZE	FRAME TYPE	ACCESSORY	CONSTRUCTION	FINISH	MODEL NUMBER	
S	1	DIFFUSER	24x24	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	SPD	
S	2	DIFFUSER	D + 7/8	SEE PLANS	DUCT-MOUNTED	AIR SCOOP	STEEL	NOTE 1	SDGE	
S	3	DIFFUSER	D + 2 3/16	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	HCD	
S	4	DIFFUSER	D + 3 3/4	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	500	
R	1	GRILLE	24x24	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	PDDR	
R	2	GRILLE	D + 3 3/4	SEE PLANS	SURFACE-MOUNTED	---	STEEL	NOTE 1	500	
R	3	LOUVER	SEE PLANS	SEE PLANS	SURFACE-MOUNTED	---	STEEL	NOTE 1	RUSKIN ELF375X	
R	4	GRILLE	D + 7/32	SEE PLANS	SURFACE-MOUNTED	---	STEEL	NOTE 1	LBP	2
E	1	GRILLE	12x12	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	PDDR	

GENERAL NOTES:
1. MODEL NUMBERS ARE PRICE UNLESS OTHERWISE NOTED.

KEYED NOTES:
1. COORDINATE FRAME AND FINISH SELECTION WITH CEILING TYPE AND ARCHITECT.
2. 1/4" BAR SPACING, 0 DEG DEFLECTION.

VIBRATION ISOLATOR APPLICATION SCHEDULE

EQUIPMENT CATEGORY	HORSEPOWER AND OTHER	RPM	EQUIPMENT LOCATION: SLAB ON GRADE BASE TYPE	SLAB ON GRADE ISOLATOR TYPE	SLAB ON GRADE MIN. DEFL., IN. (MM)	UP TO 40 FT (12 M) FLOOR SPAN BASE TYPE	UP TO 40 FT (12 M) FLOOR SPAN ISOLATOR TYPE	UP TO 40 FT (12 M) FLOOR SPAN MIN. DEFL., IN. (MM)	KEYED NOTES
PUMPS									
INLINE	5 TO 25	ALL	A	3	0.75 (19)	A	3, 8a OR 8b	1.50 (38)	NOTE 3
	≥ 30	ALL	A	3	1.50 (38)	A	3, 8a OR 8b	2.50 (64)	
BASE MOUNTED CONDENSING UNITS									
ALL	≤ 1HP	ALL	A OR B	2	0.25 (6)	A OR B	2	0.25 (64)	NOTE 3
ALL	≥ 1HP	ALL	A OR B	2	0.25 (6)	A OR B	4	2.50 (64)	NOTE 3
PACKAGED AND MODULAR AIR HANDLING, AIR CONDITIONING, AND HEATING AND VENTILATING UNITS									
ALL	≤ 10	ALL	A	3	0.75 (19)	A	3	0.75 (19)	NOTES 1, 3, 4
ALL	≤ 15 AND ≤ 4 IN. SP	UP TO 300	A	3	0.75 (19)	C	3	3.50 (89)	NOTES 1, 3, 4
		301 TO 500	A	3	0.75 (19)	A	3	2.50 (64)	
		500 AND UP	A	3	0.75 (19)	A	3	1.50 (38)	
ALL	≥ 15 AND/OR > 4 IN. SP	UP TO 300	B	3	0.75 (19)	C	3	3.50 (89)	NOTES 1, 3, 4
		301 TO 500	B	3	0.75 (19)	C	3	2.50 (64)	
		500 AND UP	B	3	0.75 (19)	C	3	2.50 (64)	
PACKAGED AND MODULAR AIR HANDLING, AIR CONDITIONING, AND HEATING AND VENTILATING UNITS WITH INTERNAL SPRING ISOLATORS									
ALL	ALL	ALL	A	1a	0.25 (6)	A	1a	0.25 (6)	NOTES 1, 3, 4
AIR HANDLING EQUIPMENT WITH NON-INTERNALLY ISOLATED FAN ARRAYS (AIR HANDLING UNITS, CABINET FANS, FAN UNITS, ETC.)									
ALL	ALL	ALL	A	3	0.75 (19)	A	3	2.50 (64)	NOTES 1, 3, 4
SUSPENDED DUCTED ROTATING EQUIPMENT									
SMALL FANS, FAN-POWERED BOXES	≤ 600 CFM	ALL				A	8a OR 8b	0.50 (13)	NOTES 3,4
	> 600 CFM	ALL				A	8a OR 8b	0.75 (19)	

KEYED NOTES:
1. THRUST RESTRAINTS: PROVIDE THRUST RESTRAINTS BETWEEN FAN DISCHARGE AND DUCT (IN PAIRS, LOCATED ON THE CENTERLINE OF THE DISCHARGE OUTLET OF THE FAN, BRIDGING THE FLEXIBLE DUCT CONNECTOR) FOR ALL FAN HEADS, FOR AXIAL AND CENTRIFUGAL FANS UNITS OPERATING AT 2 INCHES OR GREATER TOTAL STATIC PRESSURE AND AS SHOWN ON DRAWINGS. SPRING DEFLECTION SHALL BE SAME AS THE SUPPORT ISOLATORS.
2. PIPING RISER ISOLATION: PROVIDE PIPE RISER RESILIENT ANCHORS, SPRING MOUNTS AND RESILIENT PIPE GUIDES CAPABLE OF DISTRIBUTING THE LOADS WITHIN THE BUILDING DESIGN LIMITS AT THE SUPPORT POINTS.
3. HORIZONTAL PIPING VIBRATION ISOLATION: PROVIDE TYPE 8a OR 8b SPRING HANGERS FOR PIPING CONNECTED TO VIBRATION ISOLATED EQUIPMENT FOR ALL PIPING IN MECHANICAL ROOMS OR THE FOLLOWING MINIMUM HORIZONTAL DISTANCES FROM THE ISOLATED EQUIPMENT: UP TO 6" - 50 FEET (1 1/2" MINIMUM DEFLECTION), 8" AND LARGER - 100 FEET (2 1/2" MINIMUM DEFLECTION), WHICHEVER IS GREATER, AND AS SHOWN ON DRAWINGS. THE FIRST 4 HANGERS FROM THE ISOLATED EQUIPMENT SHALL BE TYPE 8b.
4. DUCTWORK VIBRATION ISOLATION: PROVIDE TYPE 8a OR 8b SPRING HANGERS FOR DUCTWORK WITH A CROSS SECTION OF 2 SQUARE FEET OR GREATER CONNECTED TO AIR HANDLING UNITS, RETURN OR RELIEF FANS, AND VIBRATION ISOLATED EQUIPMENT FOR ALL SUCH DUCTWORK IN MECHANICAL ROOMS OR FOR A MINIMUM HORIZONTAL DISTANCE OF 100 FEET FROM THE ISOLATED EQUIPMENT, WHICHEVER IS GREATER, AND AS SHOWN ON DRAWINGS (3/4" MINIMUM DEFLECTION).
5. IF SPAN DOES NOT EXCEED 20 FT, SPRING DEFLECTION MAY BE 1.0 IN AND TYPE D BASE MAY BE USED. FOR SPANS GREATER THAN 20 FT, USE SPRING DEFLECTION INDICATED AND TYPE E BASE.

BASE TYPES:
BASE TYPE A - NO BASE, ISOLATORS ATTACHED DIRECTLY TO EQUIPMENT.
BASE TYPE B - STRUCTURAL, STEEL RAILS OR BASE.
BASE TYPE C - CONCRETE INERTIA BASE.
BASE TYPE D - CURB - MOUNTED ALUMINUM BASE WITH 1" DEFL. SPRING ISOLATORS
BASE TYPE E - CURB - MOUNTED STEEL BASE WITH ADJUSTABLE 1", 2" OR 3" DEFL. SPRING ISOLATORS

ISOLATOR TYPES:
ISOLATOR TYPE 1a - ELASTOMERIC ISOLATION PAD.
ISOLATOR TYPE 1b - ELASTOMERIC ISOLATION PAD WITH STEEL LOAD BEARING PLATE.
ISOLATOR TYPE 2 - ELASTOMERIC FLOOR ISOLATOR.
ISOLATOR TYPE 3 - FREE STANDING SPRING FLOOR ISOLATOR.
ISOLATOR TYPE 4 - RESTRAINED SPRING ISOLATOR.
ISOLATOR TYPE 5 - THRUST RESTRAINT.
ISOLATOR TYPE 6 - AIR SPRING.
ISOLATOR TYPE 7 - ELASTOMERIC HANGERS.
ISOLATOR TYPE 8a - SPRING HANGERS.
ISOLATOR TYPE 8b - SPRING HANGERS WITH VERTICAL-LIMIT STOP.

ABOVEGROUND HVAC PIPING & VALVE APPLICATION SCHEDULE

PIPE SIZE (INCHES)	MATERIAL: SOFT COPPER TYPE K	HARD COPPER TYPE L	HARD COPPER TYPE M	CARBON STEEL (SCHED. 40)	CARBON STEEL (SCHED. 80)	CARBON STEEL (STD.)	COPPER TYPE DWV	CONNECTION: SOLDERED	BRAZED	WELDED	THREADED	FLANGED	GROOVED	PRESSURE SEAL	MECHANICALLY FORMED TEE	ISOLATION VALVES: BALL	GENERAL SERVICE BUTTERFLY	HI-PERF BUTTERFLY	GATE	KEYED NOTES
HEATING HOT WATER SUPPLY & RETURN - MIN. WORKING PRESS. & TEMP.: 125 PSIG AT 200 DEG F																				
UP TO 2		X						X	X					X	X	X				
2-1/2 TO 4				X						X		X	X				X			A

GENERAL NOTES:
1. "X" INDICATES ACCEPTABLE SELECTION. IF MORE THAN ONE SELECTION IS INDICATED FOR A PIPING SYSTEM, CONTRACTOR MAY SELECT FROM THOSE INDICATED SELECTIONS.
2. DISSIMILAR-METAL PIPING JOINTS: CONSTRUCT JOINTS USING DIELECTRIC FITTINGS COMPATIBLE WITH BOTH PIPING MATERIALS. IF A BRONZE VALVE CONNECTS THE DISSIMILAR METALS NO FURTHER DIELECTRIC ISOLATION IS REQUIRED.

a. NPS 2 AND SMALLER: USE BRASS COUPLING, NIPPLE, OR UNION.
b. NPS 2-1/2 AND LARGER: USE DIELECTRIC FLANGE KITS.

3. INSTALL VALVES WITH UNIONS OR FLANGES AT EACH PIECE OF EQUIPMENT ARRANGED TO ALLOW SERVICE, MAINTENANCE, AND EQUIPMENT REMOVAL.
WITHOUT SYSTEM SHUTDOWN.
4. HVAC EQUIPMENT DRAINS, VENTS, SAFETY VALVE PIPING, BLOWDOWN PIPING AND THE LIKE SHALL BE SAME PIPING MATERIAL AS ASSOCIATED PIPING
SYSTEM.
5. GROOVED END VALVES MAY BE USED WITH GROOVED PIPING.

KEYED NOTES:
A. GROOVED AND FLANGED FITTINGS, JOINTS, AND COUPLINGS, IF INDICATED AS AN ACCEPTABLE SELECTION, MAY BE USED IN ACCESSIBLE LOCATIONS FOR THIS PIPING SYSTEM ONLY. ACCESSIBLE LOCATIONS ARE DEFINED AS EXPOSED CONSTRUCTION OR ABOVE LAY-IN CEILINGS.
B. BALL VALVE WITH 250 PSIG STEAM TRIM.
C. BALL VALVE WITH 150 PSIG STEAM TRIM.

PLUMBING CONNECTION SCHEDULE

UNIT IDENTIFICATION						
DES.	NO.	CW INCHES	HW INCHES	SAN INCHES	VENT INCHES	KEYED NOTES
EES	1	1 1/4	1 1/4	3	1 1/2	
EWC	1	1/2	-	1 1/2	1 1/2	
FD	1	-	-	3	-	
FD	2	-	-	3	-	
LAV	1	1/2	1/2	1 1/2	1 1/2	
SS	1	3/4	-	2	1 1/2	
SS	2	3/4	-	2	1 1/2	
WC	1	1 1/2	-	4	2	

GENERAL NOTES:
1. INDIVIDUAL WATER LINE BRANCHES, WASTE LINES, VENTS, AND TRAPS FOR CONNECTION TO INDIVIDUAL FIXTURES, FIXTURE FITTINGS, AND SPECIALTIES SHALL BE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE OR AS INDICATED ON DRAWINGS, WHICHEVER IS GREATER.

KEYED NOTES:
1. PROVIDE MIXING VALVE.

ABOVEGROUND HVAC PIPE & ACCESSORY INSULATION APPLICATION SCHEDULE

	INSULATION MATERIAL & THICKNESS (INCHES): FLEXIBLE ELASTOMERIC	FIBERGLASS	MINERAL WOOL	POLYISOCYANURATE	PHENOLIC	CELLULAR GLASS	CALCIUM SILICATE	FIELD-APPLIED JACKET MATERIAL: ALUMINUM	STAINLESS STEEL	PVC	SELF-ADHESIVE (FOR OUTDOOR APPLICATIONS)	PVDC (INDOOR)	PVDC (OUTDOOR)	KEYED NOTES
INDOOR PIPE SYSTEM AND SIZE (INCHES):														
HEATING HOT WATER SUPPLY & RETURN 141 TO 200 DEG F.														
•NPS 1-1/4 AND SMALLER		1.5						X		X				A
•NPS 1-1/2 AND LARGER		2						X		X				A

UNLESS OTHERWISE INDICATED OR SCHEDULED, THE FOLLOWING DO NOT REQUIRE INSULATION:
DIRECT BURIED COOLING SYSTEM PIPING.
PIPING THAT CONVEYS FLUIDS HAVING DESIGN OPERATING TEMPERATURE RANGE BETWEEN 60 DEG F. AND 105 DEG F., INCLUSIVE.

GENERAL NOTES:
1. "X" OR THICKNESS IN INCHES INDICATED ACCEPTABLE SELECTION. IF MORE THAN ONE SELECTION IS INDICATED, CONTACTOR MAY SELECT FROM THOSE INDICATED SELECTIONS.
2. INSULATE PIPING WITHIN AIR HANDLING EQUIPMENT THE SAME AS INDOOR PIPING. PROVIDE ALUMINUM OR STAINLESS STEEL JACKET.
3. FOR PIPING NPS 1-1/4 AND SMALLER WITHIN PARTITIONS IN CONDITIONED SPACES INSULATION MAY BE REDUCED BY ONE-INCH THICKNESS, BUT NOT TO LESS THAN ONE-INCH THICKNESS.
4. FOR PIPING NPS 1 AND SMALLER, INSULATION IS NOT REQUIRED FOR STRAINERS, CONTROL VALVES, AND BALANCING VALVES.

KEYED NOTES:
A. PROVIDE FIELD APPLIED JACKET FOR PIPING EXPOSED IN EQUIPMENT ROOMS, STORAGE ROOMS, JANITORS CLOSETS, RECEIVING ROOMS, TEST AREAS, CIRCULATION AREAS AND SUCH AREAS SUBJECT TO DAMAGE, WITHIN 10 FEET (3 METERS) OF FINISHED FLOOR.
B. PROVIDE MANUFACTURER'S RECOMMENDED PROTECTIVE COATING FOR FLEXIBLE ELASTOMETRIC THERMAL INSULATION.
C. STEAM AND CONDENSATE PIPING JACKET SHALL BE STUCCO EMBOSSED.
D. PIPING WITHIN ENERGY RECOVERY UNITS SHALL BE TYPE 304 STAINLESS STEEL, SMOOTH; 0.010 INCH THICK. SEAMS AND JOINTS CAULKED WITH CHEMICALLY RESISTANT SEALER.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL SCHEDULES

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

DRAWN KRD
CHECKED KRD
APPROVED SVM

PROJECT NO.
25026D

DRAWING NO.
M7.2

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/6/2026 9:19:52 AM

AIR TERMINAL TYPE

DUCT CONNECTIONS		DISCHARGE SOUND POWER/RADIATED SOUND POWER - dB						MODEL NUMBER	KEYED NOTES
INLET SIZE INCHES	OUTLET SIZE INCHES	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
6Ø	12x8	73/66	69/63	62/52	56/42	53/40	49/36	ESV	A
8Ø	12x10	72/68	70/59	66/53	63/47	57/46	53/46	ESV	B
10Ø	14x12-1/2	78/71	70/61	65/56	61/50	58/47	53/45	ESV	C
12Ø	16x15	76/72	73/63	69/59	65/53	61/48	57/46	ESV	D
16Ø	24x18	78/70	73/63	70/58	68/53	64/52	59/50	ESV	E
24x16	38x18	83/74	81/69	76/63	74/54	73/48	68/41	ESV	F

GENERAL NOTES:
1. MODEL NUMBERS ARE TITUS UNLESS OTHERWISE NOTED.
2. MAXIMUM SOUND POWER LEVEL BASED ON 2" PRESSURE DROP ACROSS UNIT WITH NO ALLOWANCE FOR EXTERNAL ATTENUATION.

KEYED NOTES:
A. BASED ON 350 CFM
B. BASED ON 650 CFM
C. BASED ON 900 CFM
D. BASED ON 1500 CFM
E. BASED ON 2500 CFM
F. BASED ON 5300 CFM

AIR TERMINAL UNIT WITH HOT WATER COIL SCHEDULE

UNIT IDENTIFICATION					AIRFLOW					HEATING COIL (NOTE 3)										KEYED NOTES
												AIR		WATER						
DES.	NO.	INLET SIZE INCHES	AREA SERVED	UNIT SERVED FROM	COOLING MAX. CFM	COOLING MIN. CFM	HEATING MIN. CFM	HEATING MAX. CFM	MAXIMUM A.P.D. W/COIL IN. W.G.	CAPACITY MBH	NUMBER ROWS	E.D.B. °F	L.D.B. °F	FLOW GPM	E.W.T. °F	L.W.T. °F	MAXIMUM W.P.D. FT. HEAD	CONTROL VALVE W.P.D. FT. HEAD	CONTROL VALVE TYPE	
TU	01	12	A207 - WEIGHT ROOM/FITNESS	ERU-2	950 CFM	465	465	950	0.24	30.9	2	55	85.0	1.6	150	109.8	0.9	11.5	2-WAY	
TU	02	12	A207 - WEIGHT ROOM/FITNESS	ERU-2	1480 CFM	1070	1070	1480	0.50	40.1	2	55	80.0	2.1	150	110.5	1.4	11.5	2-WAY	
TU	03	12	A207 - WEIGHT ROOM/FITNESS	ERU-2	1020 CFM	400	400	1020	0.27	33.2	2	55	85.0	1.5	150	111.5	1.1	11.5	2-WAY	
TU	04	16	A207 - WEIGHT ROOM/FITNESS	ERU-2	1760 CFM	1375	1375	1760	0.25	47.7	2	55	80.0	1.9	150	100.0	0.6	11.5	2-WAY	
TU	05	6	A209 - OFFICE	ERU-2	90 CFM	80	80	90	0.12	0.0	1	55	81.9	0.2	150	123.4	0.1	11.5	2-WAY	
TU	06	8	A203 - RECEPTION	ERU-2	370 CFM	225	225	370	0.15	12.2	2	55	85.0	0.6	150	106.2	0.2	11.5	2-WAY	
TU	07	8	A208 - CONFERENCE ROOM	ERU-2	440 CFM	275	275	440	0.20	12.0	2	55	80.0	0.5	150	100.5	0.1	11.5	2-WAY	

GENERAL NOTES:
1. MODEL NUMBERS ARE TITUS UNLESS OTHERWISE NOTED.
2. MAXIMUM PRESSURE DROP SCHEDULED SHALL BE THE MAXIMUM ALLOWABLE STATIC PRESSURE FOR BOX AND COIL, AT THE MAXIMUM CFM.
3. HEATING COIL SELECTION BASED ON HEATING MAXIMUM AIR FLOW.

HOT WATER CABINET UNIT HEATER SCHEDULE

UNIT IDENTIFICATION			AIR			FAN		WATER						DIMENSIONS				FILTER			ELECTRICAL						
DES.	NO.	CAPACITY MBH	AIRFLOW CFM	E.D.B. °F	L.D.B. °F	HP	RPM	FLOW GPM	FLUID TYPE	E.W.T. °F	L.W.T. °F	MAXIMUM W.P.D. FT. HEAD	CONTROL VALVE W.P.D. FT. HEAD	LENGTH INCHES	HEIGHT INCHES	DEPTH INCHES	RECESS DEPTH INCHES	TYPE	AREA SQ. FT.	MODULATION / CONTROL TYPE	VOLTS	PHASE	SCCR KA	OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
CUH	1	37.6	810	70.0	113.0	0.10	925	3	WATER	150	120	0.3	11.5	24	10	59	9	PLEATED	3.5	AUTO	120	1	5	A	RRC-420-08	

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS ARE TRANE UNLESS OTHERWISE NOTED.
3. FLUID TYPE: W = WATER, PGXX = PROPYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL, EGXX = ETHYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL.

HOT WATER PROPELLER FAN UNIT HEATER SCHEDULE

UNIT IDENTIFICATION					FAN		WATER							ELECTRICAL					
DES.	NO.	CAPACITY MBH	AIRFLOW CFM	LEAVING AIR TEMPERATURE °F	HP	RPM	FLOW GPM	FLUID TYPE	E.W.T. °F	L.W.T. °F	MAXIMUM W.P.D. FT. HEAD	CONTROL VALVE W.P.D. FT. HEAD	MODULATION / CONTROL TYPE	VOLTS	PHASE	SCCR KA	OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
UH	1	33.6	1340	65.0	0.10	926	2.2	WATER	150	120	0.1	11.5	AUTO	120	1	5	A	RH-86	

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS ARE STERLING UNLESS OTHERWISE NOTED.
3. FLUID TYPE: W = WATER, PGXX = PROPYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL, EGXX = ETHYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL.

HOT WATER FINNED TUBE RADIATION SCHEDULE

UNIT IDENTIFICATION					WATER TEMP.		ENCLOSURE	ELEMENT						
DES.	NO.	CAPACITY BTUH / LINEAR FT.	ENTERING AIR TEMP °F	FLUID TYPE	E.W.T. °F	AVERAGE °F	TYPE	TUBE DIAMETER INCHES	WIDTH INCHES	HEIGHT INCHES	NUMBER OF TIERS	CONTROL VALVE W.P.D. FT. HEAD	MODEL NUMBER	KEYED NOTES
FTR	1	646	70	W	150	145	BARE ELEMENT	1	3.25	3.25	2	4.70	1"C-3.25"x3.25"-32	

GENERAL NOTES:
1. MODEL NUMBERS ARE STERLING UNLESS OTHERWISE NOTED.
2. FLUID TYPE: W = WATER, PGXX = PROPYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL, EGXX = ETHYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL.

DUCT SILENCER SCHEDULE

UNIT IDENTIFICATION		SYSTEM SERVED	AIRFLOW CFM	A.P.D. IN. W.G.	MAX P.D. IN. W.G.	VELOCITY AT DIL RATING FPM	DYNAMIC INSERTION LOSS (DIL) dB								DIMENSIONS			CONSTRUCTION						MODEL NUMBER	KEYED NOTES
DES.	NO.						63	125	250	500	1K	2K	4K	8K	W INCHES	H INCHES	L INCHES	TYPE	TYPE	OUTER CASING TYPE	FILL MATERIAL	LINER	CASING MATERIAL		
DS	1R	ERU-1 EA	2200	0.01	0.25	471	13	23	40	48	53	49	44	35	16	42	84	ELBOW	RE	18 GA	FIBERGLASS	NO	GALVANIZED	ERM84/2F	
DS	1S	ERU-1 SA	2200	0.08	0.25	655	12	21	35	45	50	47	42	34	22	22	96	ELBOW	RE	18 GA	FIBERGLASS	NO	GALVANIZED	ERMX84/3F	
DS	2R	ERU-2 EA	6600	0.13	0.25	660	21	33	42	55	55	37	23	16	60	24	120	STRAIGHT	RS	22 GA	FIBERGLASS	NO	GALVANIZED	RMX120/WF	
DS	2S	ERU-2 SA	6600	0.17	0.25	1345	14	22	38	51	52	45	28	24	30	0	120	STRAIGHT	CS	18 GA	FIBERGLASS	NO	GALVANIZED	CS	
DS	3R	RTU-1 RA	7200	0.15	0.25	900	11	18	35	45	52	49	44	33	24	48	84	ELBOW	RE	18 GA	FIBERGLASS	NO	GALVANIZED	ERM84/1D	

GENERAL NOTES:
1. DUCT SILENCER MODEL NUMBERS ARE BASED ON VIBRO-ACOUSTICS UNLESS OTHERWISE NOTED.
2. LENGTH SHOWN FOR ELBOW SILENCERS IS CENTERLINE LENGTH.
3. VELOCITY SHOWN IS +(FORWARD FLOW) OR -(REVERSE FLOW) AS DEFINED BY ASTM E477-99.
4. PRESSURE DROP, DYNAMIC INSERTION LOSS AND SELF GENERATED NOISE PER ASTM E477-99.
5. MAXIMUM PRESSURE DROP WITH SYSTEM EFFECTS = SILENCER PRESSURE DROP PER ASTM E477-99 + SYSTEM EFFECTS FOR NEARBY DUCT ELEMENTS.
6. TYPE: RS = RECTANGULAR STRAIGHT, RE = RECTANGULAR ELBOW; REE = RECTANGULAR EXTENDED ELBOW; CS = CIRCULAR STRAIGHT; CE = CIRCULAR ELBOW.
7. FABRICATE SILENCER CASINGS OF STAINLESS STEEL WHERE SILENCERS ARE CONNECTED TO A PVC COATED OR STAINLESS STEEL DUCT SYSTEM.

DEHUMIDIFICATION UNIT SCHEDULE

UNIT I.D.	PROCESS FAN					REACTIVATION FAN					DESICCANT ROTOR (SUMMER)					DESICCANT ROTOR (WINTER)					ELECTRICAL					MODEL NO.	REMARKS
	PROCESS CFM	ESP"	CONTROL TYPE	MOTOR		REACTIVATION CFM	ESP"	CONTROL TYPE	MOTOR		PROCESS SIDE		REACTIVATION SIDE		MOISTURE REMOVAL	PROCESS SIDE		REACTIVATION SIDE		MOISTURE REMOVAL	VOLTS	PHASE	FLA	MOP	OPTIONS/ ACCESSORIES		
				BHP	HP				BHP	HP	E.A.T. ° F	L.A.T. ° F	E.A.T. ° F	L.A.T. ° F	LB/HR	E.A.T. ° F	L.A.T. ° F	E.A.T. ° F	L.A.T. ° F	LB/HR							
DU-1	300	1.2	AUTO	---	---	88	1.2	AUTO	---	---	72	72	72	72	7.30	72	72	72	72	7.30	480	3	9.5	15	---	DA300N	
DU-2	300	1.2	AUTO	---	---	88	1.2	AUTO	---	---	72	72	72	72	8.30	72	72	72	72	7.30	480	3	9.5	15	---	DA300N	
DU-3	300	1.2	AUTO	---	---	88	1.2	AUTO	---	---	72	72	72	72	9.30	72	72	72	72	7.30	480	3	9.5	15	---	DA300N	

GENERAL NOTES:
1. MODEL NUMBERS ARE CONDAIR UNLESS OTHERWISE NOTED.
2. COORDINATE UNIT CONFIGURATION WITH PLANS TO FACILITATE PROPER SERVICE ACCESS.

ALTERNATE NO. 1

RADIANT WALL PANEL SCHEDULE

UNIT IDENTIFICATION		CAPACITY BTUH / LINEAR FT.	WATER TEMP.		DIMENSIONS			FINISH	CONSTRUCTION	CONTROL VALVE W.P.D. FT. HEAD	MODEL NUMBER	KEYED NOTES
DES.	NO.		E.W.T. °F	L.W.T. °F	LENGTH INCHES	HEIGHT INCHES	DEPTH INCHES					
RWP	1107	412	150	130	SEE PLANS	8	1.6	BY ARCH.	STEEL	11.50	UFLT-3	

GENERAL NOTES:
1. MODEL NUMBERS ARE STERLING UNLESS OTHERWISE NOTED.

GRAVITY RELIEF HOOD SCHEDULE

UNIT IDENTIFICATION		SYSTEM SERVED	CFM	THROAT SIZE INCHES	THROAT VELOCITY FPM	STATIC PRESSURE DROP IN. W.G.	HOOD SIZE			CURB HEIGHT INCHES	HOOD CONSTRUCTION	MODEL NUMBER	KEYED NOTES
DES.	NO.						WIDTH INCHES	LENGTH INCHES	HEIGHT INCHES				
GRH	1	DU-1	300	10	526	0.03	19	19	20	18	ALUMINUM	GRSR-10	
GRH	2	DU-2	300	10	526	0.03	19	19	20	18	ALUMINUM	GRSI-10	
GRH	3	DU-3	300	10	526	0.03	19	19	20	18	ALUMINUM	GRSI-10	

GENERAL NOTES:
1. MODEL NUMBERS ARE GREENHECK UNLESS OTHERWISE NOTED.
2. PROVIDE WITH BIRD SCREEN.

ALTERNATE NO. 1

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL SCHEDULES

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

25026D

DRAWING NO.

M7.3

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:35 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

PACKAGED ROOFTOP AIR CONDITIONING UNIT SCHEDULE - PART A

UNIT IDENTIFICATION			SUPPLY FAN										RELIEF OR EXHAUST FAN						COOLING SECTION - DX												INTEGRAL AIR-COOLED CONDENSING SECTION	
											MOTOR						MOTOR		MIXED AIR		COIL LEAVING AIR		NET UNIT CAPACITY				HOT GAS REHEAT					
DES.	NO.	AREA SERVED	AIRFLOW CFM	MINIMUM OUTSIDE AIRFLOW CFM (NOTE 4) MAX-MIN	E.S.P. IN. W.G.	FAN SUCTION OR DISCHARGE S.P. IN. W.G. AT COOLING COIL DRAIN PAN	T.S.P. IN. W.G.	FAN SPEED RPM	FAN POSITION	WHEEL TYPE	CONTROL TYPE (NOTE 7)	BHP	HP	AIRFLOW CFM	E.S.P. IN. W.G.	FAN SPEED RPM	WHEEL TYPE	BHP	HP	E.D.B. °F	E.W.B. °F	L.D.B. °F	L.W.B. °F	TOTAL MBH	SENSIBLE MBH	MINIMUM NUMBER OF CIRCUITS	REFRIG. TYPE	E.D.B. °F	L.D.B. °F	MIN. FACE AREA SQ. FT.	MAX FACE VEL. F.P.M.	MAX A.P.D. IN W.G.	DESIGN AMBIENT TEMP. °F	MIN. AMBIENT TEMP. °F
RTU	1	A202 - ROTUNDA	7200	595	0.50	-3.15	3.60	1714	DRAW-THRU	AIRFOIL	SZ-VAV	5.6	6.1	6800	0.50	2114	AIRFOIL	2.12	4.3	76.4	63.7	54.1	54.1	196	168	6	R32	54	70	15.4	466.6	0.66	95	45

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS ARE DAIKIN UNLESS OTHERWISE NOTED.
3. FLUID TYPE: W = WATER, PGXX = PROPYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL, EGXX = ETHYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL.
4. MINIMUM OUTSIDE AIRFLOW MAX-MIN CFM IS THE REQUIRED MINIMUM OUTSIDE AIRFLOW RATE WITH MAXIMUM OCCUPANT LOAD. MINIMUM OUTSIDE AIRFLOW MIN-MIN CFM IS THE REQUIRED MINIMUM OUTSIDE AIRFLOW RATE WITH ZERO OCCUPANT LOAD.
5. MERV DESIGNATES THE "MINIMUM EFFICIENCY REPORTING VALUE" AS EVALUATED UNDER ASHRAE STANDARD 52.2 1999.
6. TOTAL STATIC PRESSURE FOR VARIABLE AIR VOLUME SYSTEMS IS BASED ON THE FILTER DIRTY AIR PRESSURE DROP AND AVERAGE/MIDLIFE FILTER AIR PRESSURE DROP FOR CONSTANT VOLUME SYSTEMS UNLESS NOTED OTHERWISE.
7. SZVAV = SINGLE ZONE VARIABLE AIR VOLUME; DAT-DSP VAV = DISCHARGE AIR TEMPERATURE CONTROL AND DUCT STATIC PRESSURE CONTROL WITH VARIABLE AIR VOLUME.

PACKAGED ROOFTOP AIR CONDITIONING UNIT SCHEDULE - PART B

UNIT IDENTIFICATION		HEATING SECTION - GAS FIRED (NATURAL GAS)							FINAL-FILTER SECTION				CURB			MAXIMUM UNIT DIMENSIONS				TOTAL UNIT ELECTRICAL								
		AIR TEMP.		CAPACITY (MBH)		MANUFACTURER REQUIRED INLET PRESSURE AT GAS TRAIN					AIR PRESS. DROP		TYPE															
DES.	NO.	E.A.T. °F	L.A.T. °F	INPUT	OUTPUT	MIN	MAX	MAXIMUM ALLOWABLE OUTPUT AT MINIMUM FIRING RATE (MBH)	TYPE	MERV	INITIAL IN. W.G.	FINAL IN. W.G.	STANDARD	VIBRATION ISOLATION SPRING CURB (NOTE 9)	HEIGHT	LENGTH	HEIGHT (WITH CURB)	WIDTH	MAXIMUM UNIT OPERATING WEIGHT LBS. (WITH CURB)	VOLTS	PHASE	FLA	MOP	SCCR KA	OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
RTU	1	43	85	400	324	5	14	32.4	PLEATED	13	0.5	0.57	NO	YES	18"	101 19/32"	85 29/32"	73 13/32"	4590	480	3	46.5	80	10	B	DPSC17B	

GENERAL NOTES:
1. SEE NOTES UNDER PART "A"

SPLIT SYSTEM AIR CONDITIONING UNIT SCHEDULE - INDOOR

UNIT IDENTIFICATION		TOTAL CAPACITY MBH	EVAPORATOR FAN			COOLING COIL		ELECTRICAL				CONNECTED UNIT		
DES.	NO.		AIRFLOW CFM	NUMBER FANS	WATTS EACH	E.D.B. °F	E.W.B. °F	VOLTS	PHASE	SCCR KA	MODEL NUMBER	DES.	NO.	KEYED NOTES
ACU	1	12	400	1	46	80	67	208	1	5	FTKF12BVJU9	ACCU	1	

SPLIT SYSTEM AIR CONDITIONING UNIT SCHEDULE - OUTDOOR

UNIT IDENTIFICATION		CONDENSING SECTION						ELECTRICAL						CONNECTED UNIT		
DES.	NO.	NUMBER OF COMPRESSORS	NUMBER OF CONTROL STAGES	AMBIENT TEMPERATURE °F	AIRFLOW CFM	FAN WATTS	MODULATION / CONTROL TYPE	VOLTS	PHASE	MCA	MOP	SCCR KA	MODEL NUMBER	DES.	NO.	KEYED NOTES
ACCU	1	1	1	95	2460	69	AUTO	208	1	14.6	15	5	RKF12BVJU9	ACU	1	1, 2

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS DAIKIN UNLESS OTHERWISE NOTED.

KEYED NOTES:
1. UNITS SHALL BE CAPABLE OF OPERATING DOWN TO 0 DEG. F.
2. INDOOR UNIT POWER FEED THROUGH OUTDOOR UNIT.

THIS EQUIPMENT SHALL BE PROVIDED AS A FACTORY ASSEMBLED SNOWMELT PACKAGE. REFER TO SPECIFICATIONS AND DETAILS.

SNOWMELT SYSTEM ZONING SCHEDULE

MANIFOLD	AREA SERVED (SQFT)	NUMBER OF CIRCUITS	CAPACITY (MBH)	WATER FLOW GPM	WATER TEMP. E.W.T. °F	WATER TEMP. AVERAGE °F	TUBING TUBE DIAMETER INCHES	TUBING TUBE SPACING INCHES	TUBING MAX CIRCUIT LENGTH FT.	TUBING HEAD LOSS (FT HD/10FT)	REMARKS
MANIFOLD 1	1570	9	259.0	18.75	115	100	3/4	9	300	0.44	
MANIFOLD 2	422	3	69.6	5.04	115	100	3/4	9	300	0.44	
MANIFOLD 3	401	4	66.1	4.79	115	100	3/4	9	300	0.44	
MANIFOLD 4	651	4	107.4	7.77	115	100	3/4	9	300	0.44	
MANIFOLD 5	1273	7	210.0	15.2	115	100	3/4	9	300	0.44	
MANIFOLD 6	486	4	80.1	5.8	115	100	3/4	9	300	0.44	
MANIFOLD 7	1273	7	210	15.2	11	100	3/4	9	300	0.44	

NOTE:
1. MODEL NUMBERS ARE PROPAK SOLUTIONS UNLESS OTHERWISE NOTED
2. BTUH CAPACITIES ARE BASED ON 40% PROPYLENE GLYCOL.
3. HEATING CAPACITIES BASED ON 6" CONCRETE SLAB.
4. TUBING SHALL HAVE FACTORY MANUFACTURED OXYGEN BARRIER AND MEET ASTM F876 STANDARDS.
5. PROVIDE COMPLETE BRASS MANIFOLD ASSEMBLY WITH BLEEDER AND FILL CONNECTINS, FULL PORT BALL VALVES ON THE RETURN INLETS AND CIRCUIT BALANCING VALVES ON THE SUPPLY DISTRIBUTION CIRCUIT SIDE BY THE SAME MANUFACTURER.
6. SUBMIT PIPING LAYOUT SUBMITTAL PRIOR TO INSTALLATION.

SNOWMELT PACKAGE CONNECTION SCHEDULE

40% PROPYLENE GLYCOL INLET IN.	40% PROPELYNE GLYCOL OUTLET IN.	BOILER WATER LOOP INLET IN.	BOILER WATER LOOP OUTLET IN.	VOLTAGE
2-1/2	2-1/2	2-1/2	2-1/2	208

NOTE:
1. PACKAGE TO INCLUDE WESSELS GM-18 GLYCOL MAKE-UP PACKAGE.
2. ENTIRE PACKAGE TO BE PRE-PIPED AND WIRED.
3. PACKAGE TO INCLUDE WIRED CONTROL PANEL POWER.
4. SKID PACKAGE SHALL NOT BE LARGER THAN 2'-10"D x 8'-0"L x 6'-0"H.

WATER TO WATER HEAT EXCHANGER SCHEDULE

UNIT IDENTIFICATION					PRIMARY WATER (TUBE SIDE)					SECONDARY WATER (SHELL SIDE)						
DES.	NO.	SYSTEM SERVED	TYPE	CAPACITY MBH	FLOW	FLUID TYPE	E.W.T. °F	L.W.T. °F	CONTROL VALVE W.P.D. FT. HD.	FLOW	FLUID TYPE	E.W.T. °F	L.W.T. °F	CONTROL VALVE W.P.D. FT. HD.	MODEL NUMBER	KEYED NOTES
HX	1	SM-1	BRAZED PLATE	1002	73.0	W	150	120	11.5	73	PG40	85	115	11.5	SMP-WWHX-2 1/2	

GENERAL NOTES:
1. MODEL NUMBERS ARE PROPAK SOLUTIONS UNLESS OTHERWISE NOTED.
2. FLUID TYPE: W = WATER, PGXX = PROPYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL, EGXX = ETHYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL.

HVAC SYSTEM EXPANSION TANK SCHEDULE

UNIT IDENTIFICATION						OPERATING PRESSURES AT EXPANSION TANK		SYSTEM OPERATING TEMPERATURES							
DES.	NO.	SYSTEM SERVED	ESTIMATED TOTAL SYSTEM VOLUME GALLON	TYPE	FLUID TYPE	PRE-CHARGE PSIG	MAX (OPERATING) PSIG	MINIMUM °F	MAXIMUM °F	EXPANSION VOLUME GALLONS	ACCEPTANCE FACTOR	MINIMUM TANK VOLUME GALLONS	MODEL NUMBER	KEYED NOTES
ET	1	SM-1	250	BLADDED	PG40	12	30	115	85	26	13.91	26	SMP-WWHX-2 1/2	

GENERAL NOTES:
1. MODEL NUMBERS ARE PROPAK SOLUTIONS UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL PRE-CHARGE THE TANK TO THE VALUE INDICATED IN THE SCHEDULE. FOR TANKS THAT ARE SUPPLIED PRE-CHARGED BY THE MANUFACTURER, THE CONTRACTOR SHALL CONFIRM THE PRESSURE AND MAKE ADJUSTMENTS AS REQUIRED.
3. FLUID TYPE: W = WATER, PGXX = PROPYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL, EGXX = ETHYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL.

PUMP SCHEDULE

UNIT IDENTIFICATION									MOTOR		ELECTRICAL					
DES.	NO.	SYSTEM SERVED	LOCATION	TYPE	COUPLING TYPE	WATERFLOW GPM	FLUID TYPE	PUMP HEAD FT.	HP	MODULATION / CONTROL TYPE	VOLTS	PHASE	SCCR KA (NOTE 4)	OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
CP	1	SM-1	A211 - MECH	INLINE	CLOSE	73	PG40	65	3	AUTO	208	3	5	---	SMP-WWHX-2 1/2	

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBER ARE PROPAK SOLUTIONS UNLESS OTHERWISE NOTED.
3. FLUID TYPE: W = WATER, PGXX = PROPYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL, EGXX = ETHYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL.
4. CONTROLLER (E.G. VARIABLE FREQUENCY CONTROLLER, MOTOR STARTER) FOR SPECIFIED EQUIPMENT SHALL BE MANUFACTURED AND MARKED PER NEC WITH A MINIMUM SHORT CIRCUIT CURRENT RATING AS INDICATED.

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL SCHEDULES

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

DRAWN KRD
CHECKED KRD
APPROVED SVM

PROJECT NO.
25026D

DRAWING NO.
M7.4

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:19:36 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

TEMPERATURE CONTROL - SYMBOLS LIST

SCHEMATIC SYMBOLS

SYMBOL	DESCRIPTION
AQ	AQUASTAT, STRAP ON BULB
CO2	CARBON DIOXIDE SENSOR – WALL MOUNTED
CO2	CARBON DIOXIDE SENSOR – DUCT MOUNTED
CS	CURRENT SWITCH
CT	CURRENT TRANSDUCER
	DAMPER – OPPOSED BLADE
	DAMPER – PARALLEL BLADE
M	DAMPER MOTOR
DPS	DIFFERENTIAL PRESSURE SWITCH
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
ECM	ELECTRONICALLY COMMUTATED MOTOR
CM	FIRE ALARM SYSTEM, ADDRESSABLE CONTROL MODULE
FM	FLOW METER
FS	FLOW SWITCH
FZ	FREEZESTAT
	GUARD FOR STAT OR SENSOR
	HUMIDIFIER
H	HUMIDISTAT OR HUMIDITY SENSOR (AS DEFINED ON TC DRAWINGS)
H	HUMIDITY SENSOR, DUCT MOUNTED
LVL	LEVEL SWITCH OR TRANSMITTER
LS	LIMIT SWITCH
	LINE – ELECTRIC
	LINE – INSTRUMENT AIR (PNEUMATIC)
M/S	MOTOR STARTER
OS	OCCUPANCY SENSOR
PT	PRESSURE TRANSMITTER
R	RELAY, ELECTRIC
	SELECTOR SWITCH, (N=NUMBER OF POSITIONS)
AI	SIGNAL – DDC/BAS, ANALOG INPUT
AO	SIGNAL – DDC/BAS, ANALOG OUTPUT
DI	SIGNAL – DDC/BAS, DIGITAL INPUT
DO	SIGNAL – DDC/BAS, DIGITAL OUTPUT
AI	SIGNAL – PACKAGED EQUIPMENT, ANALOG INPUT
AO	SIGNAL – PACKAGED EQUIPMENT, ANALOG OUTPUT
DI	SIGNAL – PACKAGED EQUIPMENT, DIGITAL INPUT
DO	SIGNAL – PACKAGED EQUIPMENT, DIGITAL OUTPUT
DD	SMOKE DETECTOR – DUCT MOUNTED
S/S	START/STOP RELAY
SPT	STATIC PRESSURE TRANSMITTER
SP	STATIC PRESSURE SENSOR OR PROBE

SCHEMATIC SYMBOLS (CONT.)

SYMBOL	DESCRIPTION
SW	SWITCH
T	TEMPERATURE SENSOR – RIGID ELEMENT IN WELL
T	TEMPERATURE SENSOR – STRAP ON BULB
T	TEMP SENSOR – DUCT MOUNTED AVG ELEMENT
T	TEMP SENSOR – DUCT MOUNTED RIGID ELEMENT
T	THERMOSTAT OR TEMPERATURE SENSOR (AS DEFINED ON TC DRAWINGS)
TMR	TIMER SWITCH
XF	TRANSFORMER
	VALVE – 2 WAY CONTROL VALVE
	VALVE – 3 WAY CONTROL VALVE
VFC	VARIABLE FREQUENCY CONTROLLER
VS	VELOCITY SENSOR
VIB	VIBRATION SWITCH

WIRING SYMBOLS

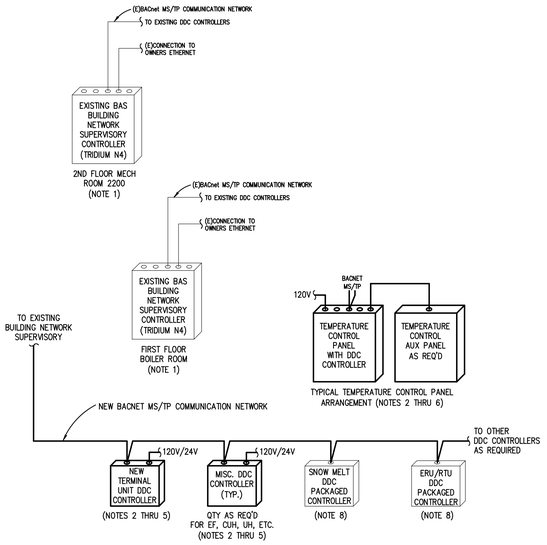
M/S	COIL – MOTOR STARTER CONTACTOR
R	COIL – RELAY
	CONTACT – INSTANT OPERATING, NO
	CONTACT – INSTANT OPERATING, NC
	GROUND
	MOTOR, SINGLE PHASE
	PUSH BUTTON – MOMENTARY, NC (MUSHROOM HEAD)
H O A	SWITCH – 3 POSITION SELECTOR HAND/OFF/AUTO
	SWITCH – FLOW (AIR, WATER, ETC.), NO
	SWITCH – LIMIT, NO
	SWITCH – PRESSURE & VACUUM, NC
	SWITCH – TEMPERATURE ACTUATED, NO
	THERMAL OVERLOAD, SINGLE PHASE
OLs	THERMAL OVERLOAD CONTACTS–3 PHASE
	TRANSFORMER
	WIRE TERMINATION AT DEVICE
	WIRE TO WIRE TERMINATION
	WIRING NOT CONNECTED

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
BAS	BUILDING AUTOMATION SYSTEM
DDC	DIRECT DIGITAL CONTROL
TC	TEMPERATURE CONTROLS
NO	NORMALLY OPEN
NC	NORMALLY CLOSED

NOTES:

1. SOME SYMBOLS & ABBREVIATIONS SHOWN MAY NOT APPLY TO THIS PROJECT.
2. REFER TO MECHANICAL STANDARDS ON DRAWING M0.1 FOR ADDITIONAL SYMBOLS & ABBREVIATIONS THAT MAY BE USED ON TEMPERATURE CONTROL DRAWINGS.

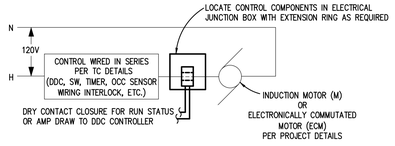


BUILDING AUTOMATION SYSTEM ARCHITECTURE

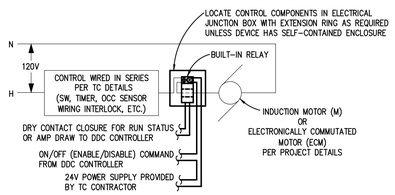
NO SCALE

NOTES:

1. BUILDING AUTOMATION SYSTEM FOR BUILDING IS TO BE COMPRISED OF JOHNSON CONTROLS FACILITY EXPLORER (FX) CONTROLLERS CONNECTED TO A EXISTING TRIDIUM NIAGARA 4 (N4) OPERATOR INTERFACE PLATFORM.
2. REFER TO TEMPERATURE CONTROL SCHEMATICS FOR THE REQUIRED POINTS ASSOCIATED FOR EACH NEW HVAC SYSTEM PER MECHANICAL DRAWINGS.
3. TC CONTRACTOR SHALL DETERMINE DDC CONTROLLER QUANTITY AND AUXILIARY PANEL REQUIREMENTS BASED ON POINT DENSITIES AND LOCATIONS PER AVAILABLE MOUNTING SPACE. UNLESS SPECIFICALLY NOTED IN DESIGN DRAWINGS, TC CONTRACTOR SHALL LOCATE TEMPERATURE CONTROL PANELS WITH CONTROLLERS AND AUX COMPONENTS AS REQUIRED. COORDINATE WITH OTHER TRADES.
4. TC CONTRACTOR SHALL PROVIDE REQUIRED POWER SUPPLIES AS INDICATED IN TC GENERAL NOTES.
5. TC CONTRACTOR SHALL PROVIDE 24V TRANSFORMERS REQUIRED FOR TC CONTRACTOR PROVIDED CONTROLLERS AS REQUIRED. TRANSFORMERS SHALL BE LOCATED WITHIN EQUIPMENT ENCLOSURES OR OTHER TC PROVIDED ENCLOSURES TO BE LOCATED IN MECHANICAL OR ELECTRICAL ROOMS – COORDINATE LOCATIONS. MAXIMUM TRANSFORMER SIZE SHALL BE 100VA.
6. TC CONTRACTOR SHALL PROVIDE AUXILIARY PANEL FOR GAUGES, TRANSMITTERS, RELAYS, POWER TRANSFORMERS, ETC
7. GRAPHICS FOR OPERATOR INTERFACE OF SYSTEMS ARE TO BE BUILT ON THE EXISTING TRIDIUM N4 SERVER APPLICATION SOFTWARE LOCATED ON THE DISTRICT'S IT NETWORK. TC CONTRACTOR RESPONSIBLE TO FOLLOW DISTRICT BAS GRAPHIC STANDARDS.
8. DDC CONTROLLERS FOR PACKAGED CONTROL EQUIPMENT SHALL INCLUDE BACNET MS/TP INTERFACE CARDS FOR THIS PROJECT. TC CONTRACTOR TO PROVIDE BACNET NETWORK WIRING TO PACKAGED CONTROLLERS.



1-PHASE POWER APPLICATION - DDC MONITORING



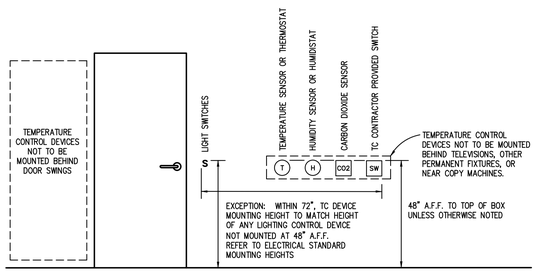
1-PHASE POWER APPLICATION - COMBO DDC MONITORING & CONTROL

CURRENT SWITCH INSTALLATION DETAILS

TYPICAL

NOTES:

1. CURRENT SWITCH (CS) OR CURRENT TRANSDUCER (CT) AMP MONITORING AS APPLICABLE PER CONTROL DETAILS SHALL BE INSTALLED FOR DDC SYSTEM STATUS INDICATION OF FAN OR PUMP OPERATION. APPROPRIATE TIME DELAY FOR STATUS FEEDBACK UPON DDC START AND STOP COMMANDS SHALL BE INCLUDED WITH THE DDC LOGIC TO AVOID NUISANCE OPERATIONAL ALARMS.
2. REVIEW EQUIPMENT SHOP DRAWINGS TO DETERMINE POTENTIAL AMPERAGE RANGE OF FAN OR PUMP OPERATION FOR AMPERAGE TRIP SETTING REQUIREMENTS PRIOR TO SELECTING APPROPRIATE CURRENT SWITCH (MINIMUM SPEED AMPERAGE FOR FPTU WITH ECM CAN BE VERY LOW).
3. FOR ECM CURRENT SWITCH APPLICATIONS: PROVIDE CURRENT SWITCH RATED FOR ECM OPERATION WITH AMPERAGE TRIP SETTING HIGHER THAN TRICKLE/IDLE/STANDBY AMPERAGE ASSOCIATED WITH ECM WHEN OFF AND AMPERAGE TRIP SETTING LOWER THAN THE MINIMUM SPEED OPERATION OF FAN OR PUMP AS SET BY THE TAB CONTRACTOR.
4. FOR INDUCTION MOTOR CURRENT SWITCH APPLICATIONS (AS APPLICABLE): AMPERAGE TRIP SETTING SHALL BE ADJUSTABLE TO ACCOMMODATE VFC MINIMUM SPEED SETTING, TO DETECT FAN BELT LOSS, OR TO DETECT PUMP COUPLING DETACHMENT.
5. WHEN FAN OR PUMP IS ON AND NOT IN ALARM, DDC SYSTEM SHALL TOTALIZE RUN TIME HOURS FOR OPERATOR INFORMATION FROM BUILDING AUTOMATION SYSTEM OPERATOR INTERFACE.



TC DEVICE STANDARD MOUNTING HEIGHTS DETAIL

NO SCALE

TC GENERAL NOTES

1. THESE GENERAL NOTES SHALL BE APPLICABLE FOR ALL TEMPERATURE CONTROL (TC) DRAWINGS.
2. "PROVIDE" IS DEFINED AS "FURNISH AND INSTALL".
3. TEMPERATURE CONTROLS CONTRACTOR (TC CONTRACTOR) SHALL BE RESPONSIBLE TO COMPLY WITH ALL APPLICABLE CODES AND STANDARDS.
4. FOR TEMPERATURE CONTROL DRAWINGS ONLY: ALL DETAILED INFORMATION IDENTIFIED WITH HEAVY LINE WEIGHT SHALL BE PROVIDED BY TC CONTRACTOR. ALL OTHER INFORMATION IDENTIFIED WITH LIGHT LINE WEIGHT SHALL BE PROVIDED BY OTHER TRADES.
5. ALL CONTROL SCHEMATICS AND WIRING DIAGRAMS ARE FOR THE CLARIFICATION OF EQUIPMENT INTERLOCKING FUNCTIONS AND THE INTERFACE OF VARIOUS CONTRACTORS' WORK AND SHALL NOT BE MISTAKEN AS SHOP DRAWINGS FOR ACTUAL INSTALLATION.
6. TC CONTRACTOR SHALL PROVIDE DDC CONTROLLERS AS REQUIRED TO MEET INTENT OF DESIGN DOCUMENTS. REFER TO THE PLANS FOR THE DDC FUNCTIONS THAT APPLY TO EACH MECHANICAL SYSTEM.
7. ALL TC PROVIDED COMPONENTS AND ALL TC CONTRACTOR INSTALLED WIRING SHALL BE LABELED PER SPECIFICATIONS.
8. ALL WIRING AND SYSTEM CONTROL VOLTAGES SHALL BE IN ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATION AND THE ELECTRICAL SPECIFICATIONS.
9. VARIABLE FREQUENCY CONTROLLER, FAN AND PUMP MOTOR STARTERS, STARTER WIRING, CONTROL VOLTAGE TRANSFORMERS AND ASSOCIATED POWER WIRING SHALL BE PROVIDED BY OTHER TRADES.
10. DUCT SMOKE DETECTORS SHALL BE FURNISHED, INSTALLED AND WIRED TO THE FIRE ALARM SYSTEM BY THE ELECTRICAL CONTRACTOR. ELECTRICAL SHALL PROVIDE FIRE ALARM SYSTEM CONTROL MODULES FOR REQUIRED SAFETIES TO MOTOR STARTERS OR VFC'S AS INDICATED. CONTROL MODULES SHALL BE LOCATED NEAR RESPECTIVE MOTOR STARTERS OR VFCs. TC CONTRACTOR SHALL PROVIDE INTERLOCK WIRING FROM CONTROL MODULES TO MOTOR STARTERS OR VFCs.
11. ALL DDC AND CONTROL INTERLOCK WIRING SHALL BE BY TC CONTRACTOR UNLESS OTHERWISE NOTED. TC CONTRACTOR SHALL COORDINATE WITH VFC AND MOTOR STARTER SUPPLIERS TO DETERMINE EXACT WIRING REQUIREMENTS AND TERMINATION POINTS.
12. ALL DDC AND CONTROL INTERLOCK WIRING BETWEEN COMPONENTS SHALL BE INSTALLED WITHOUT INTERMEDIATE STOPS. WIRE SPLICING AT INTERMEDIATE TERMINAL STRIPS IS NOT ACCEPTABLE.
13. ALL ELECTRICAL WIRING AND RACEWAY SYSTEMS SHALL COMPLY WITH ELECTRICAL SPECIFICATION REQUIREMENTS. WHERE RACEWAY IS REQUIRED, TWO SEPARATE ELECTRICAL RACEWAY SYSTEMS SHALL BE PROVIDED: ONE FOR 120V WIRING AND THE OTHER FOR 24V WIRING.
14. TC CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POWER SUPPLIES REQUIRED FOR TC SYSTEM UNLESS OTHERWISE NOTED. REFER TO ELECTRICAL PANEL SCHEDULES FOR SPARE CIRCUITS OR CIRCUITS DEDICATED TO TEMPERATURE CONTROLS. COORDINATE CIRCUIT USE WITH ELECTRICAL CONTRACTOR.
15. TC CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL FIELD MOUNTED COMPONENTS.
16. REFER TO TEMPERATURE CONTROLS STANDARD MOUNTING HEIGHTS DETAIL FOR ELEVATIONS OF WALL MOUNTED TEMPERATURE CONTROL DEVICES. PROVIDE WALL MOUNTED DEVICE GUARDS WHERE INDICATED ON TC DETAILS OR AT SPECIFIC LOCATIONS INDICATED ON MECHANICAL FLOOR PLANS.
17. TC CONTRACTOR SHALL PROVIDE AUXILIARY PANELS FOR REQUIRED PANEL MOUNTED EQUIPMENT SUCH AS RELAYS, TRANSDUCERS, CONTROL TRANSFORMERS, ETC. AUXILIARY PANELS SHALL BE LOCATED NEXT TO ASSOCIATED DDC PANEL. DEPENDING ON WIRE QUANTITY OR COMPLEXITY, PROVIDE CONDUITS BETWEEN PANELS OR WIRING THROUGH WITH CONDUIT STUBS ABOVE ALL ASSOCIATED PANELS.
18. REMOTELY MOUNTED FIELD DEVICES SUCH AS RELAYS, CONTROL TRANSFORMERS, ETC., SHALL BE HOUSED IN AN ENCLOSURE PROVIDED BY THE TC CONTRACTOR.
19. CONTROL TRANSFORMERS WHEN REQUIRED SHALL BE SIZED FOR 150% OF ACTUAL LOAD.
20. FREEZESTATS SHALL BE MOUNTED ON UPSTREAM FACE OF COOLING COILS. FREEZESTAT QUANTITY SHALL BE ONE PER 20 SQ. FT OF CROSS SECTIONAL AREA.
21. CURRENT SWITCHES USED FOR OPERATIONAL STATUS SHALL HAVE CURRENT THRESHOLD SETPOINT ADJUSTED TO INDICATE BELT OR DRIVE FAILURE.
22. ALL CONTROL VALVES, CONTROL DAMPERS AND ASSOCIATED CONTROL ACTUATORS IDENTIFIED ON TC DRAWINGS SHALL BE FURNISHED BY TC CONTRACTOR UNLESS OTHERWISE NOTED. DAMPER SIZE AND LOCATIONS ARE INDICATED ON MECHANICAL FLOOR PLAN DRAWINGS.
23. ALL CONTROL VALVES AND DAMPERS FURNISHED BY THE TC CONTRACTOR SHALL BE INSTALLED BY THE MECHANICAL CONTRACTOR. ALL PIPE PENETRATIONS AND BASIC FITTINGS REQUIRED FOR SENSOR INSTALLATIONS SHALL BE PROVIDED BY MECHANICAL CONTRACTOR.
24. DAMPER ACTUATORS SHALL BE INSTALLED BY TC CONTRACTOR WHEN FURNISHED BY TC CONTRACTOR.
25. ALL INSTRUMENTATION TUBING REQUIRED FOR DPS AND DPT COMPONENT INSTALLATIONS SHALL BE PROVIDED BY TC CONTRACTOR.
26. TC CONTRACTOR SHALL FIELD MOUNT ALL REQUIRED "SHIPPED LOOSE" PACKAGED CONTROL COMPONENTS FURNISHED BY EQUIPMENT SUPPLIERS WHERE INDICATED. ALL REQUIRED 24V AND 120V FIELD WIRING SHALL BE PROVIDED BY TC CONTRACTOR UNLESS NOTED OTHERWISE. TC CONTRACTOR SHALL COORDINATE SPECIFIC SYSTEM WIRING REQUIREMENTS WITH PACKAGED EQUIPMENT SUPPLIERS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

TEMPERATURE CONTROLS

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	WJU
CHECKED	KRD
APPROVED	SVM

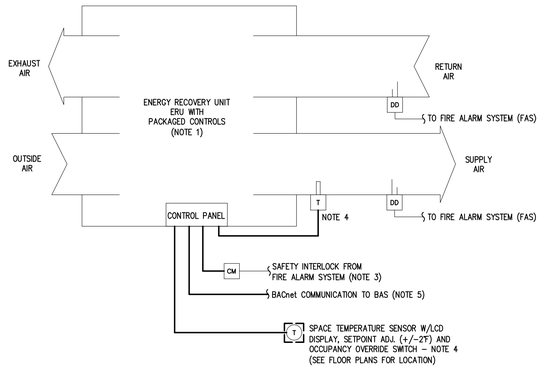
PROJECT NO.
25026D

DRAWING NO.
M8.1

g:\2025\2025-0326-00\CAD\2025-0326-M8-CP.dwg, M8.1, 3/9/2026 8:23:57 AM, Rachel L. Wilson, None ,0.09448, Peter Basso Associates Inc.

TC GENERAL NOTES

TC GENERAL NOTES ON DRAWING M8.1 APPLY TO THIS DRAWING.



SINGLE ZONE CAV PACKAGED ENERGY RECOVERY UNIT (ERU-1) FIELD INSTALLATION & CONTROL

TYPICAL EXCEPT WHERE NOTED. APPLICABLE FOR THE FOLLOWING UNITS:

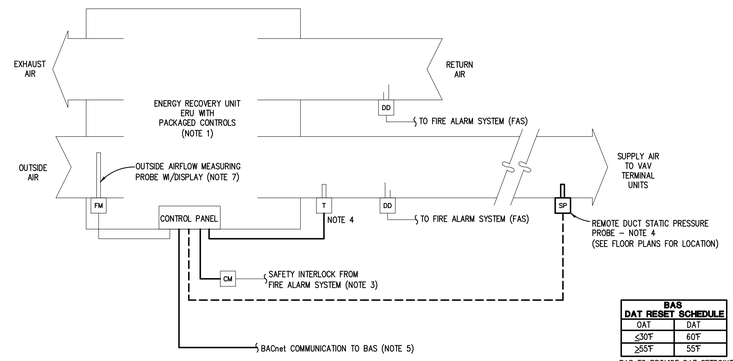
ERU-1 SERVES SHOP F106

NOTES:

1. ENERGY RECOVERY UNIT (ERU) WITH ENTHALPY CORE ENERGY RECOVERY SHALL BE SUPPLIED FOR PROJECT WITH PACKAGED CONTROLS FOR CAV SINGLE ZONE SPACE TEMPERATURE CONTROL APPLICATION WITH OUTSIDE AND RECIRC AIR DAMPERS, DEHUMIDIFICATION WITH HOT GAS REHEAT. ALL CONTROL DAMPERS AND REQUIRED SENSORS TO BE FURNISHED BY UNIT SUPPLIER, SOME REQUIRING FIELD INSTALLATION AS INDICATED. PACKAGED CONTROLS TO INCLUDE BACnet COMMUNICATION INTERFACE FOR BAS SCHEDULING, SPACE TEMP SETPOINT ADJUSTMENTS, MONITORING AND A2L LEAK DETECTION AND MITIGATION PER UL60335-2-40.
2. UNIT SINGLE POINT CONNECTION POWER SUPPLY SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE FIRE ALARM SYSTEM COMPONENTS AND WIRING FROM FIRE ALARM PANEL TO CONTROL MODULE. TC CONTRACTOR SHALL PROVIDE WIRING FROM CONTROL MODULE TO UNIT SAFETY CUTOUT CIRCUIT.
4. TC CONTRACTOR SHALL FIELD INSTALL LOOSE COMPONENTS AND PROVIDE CONTROL FIELD WIRING AS INDICATED PLUS ANY MISCELLANEOUS FIELD CONTROL WIRING THAT MAY BE REQUIRED FOR PACKAGED UNIT THAT IS NOT SHOWN. TC CONTRACTOR SHALL PROVIDE GUARDS FOR SPACE TEMPERATURE SENSOR.
5. TC CONTRACTOR SHALL PROVIDE BACnet COMMUNICATION INTERFACE WIRING FROM UNIT CONTROL PANEL TO BAS NETWORK SUPERVISORY CONTROLLER.
6. COORDINATE ALL FIELD WIRING REQUIREMENTS AND TERMINATIONS WITH UNIT SUPPLIER.

SEQUENCE OF OPERATION – ERU CAV SINGLE ZONE WITH DEHUMIDIFICATION:

1. CAV SINGLE ZONE PACKAGED CONTROLS SHALL MAINTAIN EFFECTIVE OCCUPIED/UNOCCUPIED SPACE TEMP SETPOINT (ADJUSTABLE THRU BAS) PER OCCUPIED MODE SCHEDULING THRU BAS. PACKAGED CONTROL SHALL MAINTAIN SUPPLY AND EXHAUST FANS AT DESIGN CONSTANT AIR VOLUME, MODULATE GAS BURNER HEATING CONTROL AND DX COOLING CONTROL AS REQUIRED TO MAINTAIN SPACE TEMPERATURE SETPOINT.
2. BACnet OPEN PROTOCOL COMMUNICATIONS INTERFACE SHALL BE PROVIDED WITH PACKAGED CONTROLS AND CONNECTED TO OWNER'S BUILDING AUTOMATION SYSTEM THAT SHALL ALLOW UNIT SCHEDULING, FAN STATUSES, SPACE TEMPERATURE ADJUSTMENT AND ADDITIONAL UNIT MONITORING AS AVAILABLE.
3. PACKAGED CONTROLS SHALL INCLUDE DEHUMIDIFICATION MODE TO ACTIVATE DX COOLING COIL CONTROL WHENEVER OUTSIDE AIR DEW POINT EXCEEDS SETPOINT OF 55°F (ADJ.). HOT GAS REHEAT SHALL MODULATE TO MAINTAIN SUPPLY AIR TEMPERATURE SETPOINT AS RESET THROUGH SPACE TEMPERATURE AND SPACE TEMPERATURE SETPOINT.
4. PACKAGED CONTROLS SHALL OPEN OUTSIDE AIR DAMPER TO MAINTAIN SCHEDULE MINIMUM AIRFLOW REQUIREMENTS DURING OCCUPIED MODE. UNIT SHALL OPERATE RECIRC MODE DURING UNOCCUPIED CYCLE MODE.
5. FOR OCCUPIED MODE, PACKAGE CONTROLS SHALL OPERATE ERU CONTINUOUSLY TO MAINTAIN OCCUPIED MODE HEATING AND COOLING SPACE TEMP SETPOINTS. OUTSIDE AIR DAMPER SHALL OPEN TO MAINTAIN MINIMUM AIRFLOW AS SCHEDULED. RECIRC AIR DAMPER SHALL REMAIN CLOSED.
6. FOR UNOCCUPIED MODE, ERU SHALL BE CYCLED ON AND OFF AS REQUIRED BASED ON UNOCCUPIED MODE HEATING AND COOLING SPACE TEMP SETPOINTS. RECIRC AIR DAMPER SHALL REMAIN OPEN AND OUTSIDE AIR DAMPER SHALL REMAIN CLOSED.
7. PACKAGED CONTROLS SHALL MAINTAIN A NEUTRAL SPACE PRESSURE. EXHAUST FAN SHALL BE ACTIVATED BY PACKAGED CONTROLS BASED ON SOFTWARE INTERLOCK WITH SF FOR OCCUPIED MODE AND OPERATE AT DESIGN CONSTANT AIR VOLUME.
8. PACKAGED CONTROLS SHALL INCLUDE FROST CONTROL FOR HEAT EXCHANGER CORE. WHEN OUTSIDE AIR TEMP FALLS BELOW PREHEAT TEMP SETPOINT OF 10°F (ADJ.) THE OUTSIDE AIR PRE-HEATER IS ACTIVATED TO PREVENT FROSTING OF HX CORE.
9. PACKAGED CONTROLS SHALL INCLUDE DAT LOW TEMPERATURE SAFETY CUTOUT TO DEACTIVATE SUPPLY FAN WHEN TEMPERATURE IS 35°F OR BELOW AFTER 300 SECOND (ADJ.) TIME DELAY.
10. DUCT SMOKE DETECTOR(S) SHALL DEACTIVATE UNIT THRU FIRE ALARM SYSTEM CONTROL MODULE WHEN PRODUCTS OF COMBUSTION ARE DETECTED.
11. PACKAGED CONTROLS SHALL BE WITH A2L REFRIGERANT LEAK DETECTION PER UL60335-2-40. LEAK DETECTION SENSORS SHALL BE LOCATED IN UNITS AIR TUNNEL AND COMPRESSOR COMPARTMENT. ERU SHALL BE ACTIVATED INTO MITIGATION MODE OF OPERATION PER UNIT MANUFACTURE SEQUENCE OF OPERATION WHENEVER A REFRIGERANT LEAK IS DETECTED.
12. TC CONTRACTOR SHALL PROVIDE BACnet COMMUNICATION INTERFACE WIRING FROM UNIT CONTROL PANEL TO NEW BAS NETWORK SUPERVISORY CONTROLLER, COMMUNICATING BUT NOT LIMITED TO THE FOLLOWING POINTS AS AVAILABLE:
    - OCCUPANCY MODE SCHEDULER (FROM BAS)
    - EFFECTIVE OCCUPANCY MODE (TO BAS)
    - SUPPLY FAN COMMAND STATUS (TO BAS)
    - SUPPLY FAN RUN STATUS (TO BAS)
    - EXHAUST FAN COMMAND STATUS (TO BAS)
    - EXHAUST FAN RUN STATUS (TO BAS)
    - ENERGY RECOVERY DEFROST MODE (TO BAS)
    - OCCUPIED SPACE HEATING TEMP SETPOINT (FROM BAS)
    - UNOCCUPIED SPACE HEATING TEMP SETPOINT (FROM BAS)
    - OCCUPIED SPACE COOLING TEMP SETPOINT (FROM BAS)
    - UNOCCUPIED SPACE COOLING TEMP SETPOINT (FROM BAS)
    - EFFECTIVE SPACE TEMP SETPOINT (TO BAS)
    - SPACE TEMPERATURE (TO BAS)
    - DISCHARGE AIR TEMP (TO BAS)
    - HEATING/COOLING MODE STATUS (TO BAS)
    - HEATING OUTPUT STATUS (TO BAS)
    - COOLING OUTPUT STATUS (TO BAS)
    - OA DAMPER MINIMUM CFM SETPOINT (FROM BAS)
    - DAMPER OUTPUT STATUS (TO BAS)
    - DAMPER ECONOMIZER ENABLE STATUS (TO BAS)
    - DEHUMIDIFICATION MODE STATUS (TO BAS)
    - COMPRESSOR ENABLE STATUS, EACH STAGE (TO BAS)
    - DIRTY FILTER STATUS (TO BAS)
    - A2L MITIGATION ALARM (TO BAS)
    - A2L PURGE MODE ACTIVATED (TO BAS)
    - A2L SENSOR FAILURE ALARM (TO BAS)
    - MISC UNIT TEMPERATURE MONITORING (TO BAS)
    - TEMP SENSOR FAILURE ALARMS (TO BAS)
    - UNIT SAFETY CUTOUT ALARMS (TO BAS)
    - OTHER MISC ALARMS (TO BAS)



BAS DAT RESET SCHEDULE	
OAT	DAT
≤30°F	60°F
≥55°F	55°F

BAS TO PROVIDE DAT SETPOINT TO PACKAGED CONTROLS BASED ON OA TEMP RESET SCHEDULE

DAT/DSP VAV PACKAGED ENERGY RECOVERY UNIT (ERU-2) FIELD INSTALLATION & CONTROL

TYPICAL EXCEPT WHERE NOTED. APPLICABLE FOR THE FOLLOWING UNITS:

ERU-2 SERVES FITNESS/SUPPORT VAV TERMINAL UNITS

NOTES:

1. ENERGY RECOVERY UNIT (ERU) WITH ENERGY RECOVERY WHEEL SHALL BE SUPPLIED FOR PROJECT WITH PACKAGED CONTROLS FOR VAV DISCHARGE AIR TEMPERATURE (DAT) / DUCT STATIC PRESSURE (DSP) CONTROL APPLICATION WITH 100% ECONOMIZER COMPARATIVE ENTHALPY CONTROL, DEHUMIDIFICATION MODE WITH HOT GAS REHEAT AND OUTSIDE AIRFLOW MONITORING FOR MINIMUM VENTILATION CONTROL. ALL CONTROL DAMPERS AND REQUIRED SENSORS TO BE FURNISHED BY UNIT SUPPLIER, SOME MAY REQUIRE FIELD INSTALLATION AS INDICATED. PACKAGED CONTROLS SHALL INCLUDE BACnet COMMUNICATION INTERFACE FOR BAS SCHEDULING, DISCHARGE AIR TEMP SETPOINT AND DUCT STATIC PRESSURE SETPOINT ADJUSTMENT, UNIT MONITORING AND A2L LEAK DETECTION AND MITIGATION PER UL60335-2-40.
2. UNIT SINGLE POINT CONNECTION POWER SUPPLY SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE FIRE ALARM SYSTEM COMPONENTS AND WIRING FROM FIRE ALARM PANEL TO CONTROL MODULE. TC CONTRACTOR SHALL PROVIDE WIRING FROM CONTROL MODULE TO ERU UNIT SAFETY CUTOUT CIRCUIT.
4. TC CONTRACTOR SHALL FIELD INSTALL LOOSE COMPONENTS AND PROVIDE CONTROL FIELD WIRING AND INSTRUMENTATION TUBING FOR UNIT AS INDICATED PLUS ANY MISCELLANEOUS FIELD CONTROL WIRING THAT MAY BE REQUIRED FOR PACKAGED UNIT THAT IS NOT SHOWN. TC CONTRACTOR SHALL PROVIDE DUCT AND BUILDING STATIC PRESSURE PROBES FOR CLEAN INSTALLATION AT REMOTE STATIC PRESSURE REFERENCE LOCATIONS.
5. TC CONTRACTOR SHALL PROVIDE BACnet COMMUNICATION INTERFACE WIRING FROM ERU UNIT CONTROL PANEL TO BAS NETWORK SUPERVISORY CONTROLLER.
6. COORDINATE ALL FIELD WIRING REQUIREMENTS AND TERMINATIONS WITH UNIT SUPPLIER.
7. OUTSIDE AIRFLOW MEASURING PROBE PROVIDE BY UNIT SUPPLIER. THERMAL DISPERSION TYPE, EBTRON GOLD SERIES OR SIMILAR.

SEQUENCE OF OPERATION – ERU VAV DAT/DSP WITH DEHUMIDIFICATION:

1. ERU PACKAGED CONTROLS SHALL MAINTAIN A DISCHARGE AIR TEMPERATURE (DAT) SETPOINT (ADJUSTABLE THRU BAS). PACKAGED CONTROL SHALL MODULATE ENERGY RECOVERY WHEEL, OUTSIDE AND RECIRC AIR DAMPERS, GAS BURNER HEAT CONTROL AND STAGE DX UNIT AS REQUIRED TO MAINTAIN PROPER DISCHARGE AIR TEMPERATURE CONTROL. PACKAGED CONTROL SHALL INCLUDE OUTDOOR AIRFLOW MONITORING FOR MINIMUM OUTSIDE AIR DAMPER CONTROL TO SATISFY MINIMUM OUTSIDE AIR CFM AS SUPPLY AIRFLOW VARIES. DAMPER CONTROL SHALL INCLUDE COMPARATIVE ENTHALPY ECONOMIZER CONTROL TO MODULATE DAMPERS ABOVE MINIMUM OA CFM SETTING TO PROVIDE FREE COOLING WHEN AVAILABLE.
2. BACnet OPEN PROTOCOL COMMUNICATIONS INTERFACE SHALL BE PROVIDED WITH PACKAGED CONTROLS AND CONNECTED TO OWNER'S BUILDING AUTOMATION SYSTEM THAT SHALL ALLOW UNIT SCHEDULING, FAN STATUSES, DISCHARGE AIR TEMPERATURE ADJUSTMENT AND ADDITIONAL UNIT MONITORING AS AVAILABLE.
3. PACKAGED CONTROLS SHALL INCLUDE DEHUMIDIFICATION MODE TO ACTIVATE DX COOLING COIL CONTROL WHENEVER OUTSIDE AIR DEW POINT EXCEEDS SETPOINT OF 55°F (ADJ.). HOT GAS REHEAT SHALL MODULATE TO MAINTAIN DISCHARGE AIR TEMPERATURE SETPOINT.
4. FOR OCCUPIED MODE, PACKAGE CONTROLS SHALL OPERATE ERU CONTINUOUSLY TO MAINTAIN DISCHARGE AIR TEMP SETPOINT. OUTSIDE AND RECIRC AIR DAMPER SHALL MODULATE IN SEQUENCE WITH ENERGY RECOVERY WHEEL DURING DESIGN SUMMER AND WINTER CONDITIONS FOR OUTSIDE AIR SENSIBLE AND LATENT LOAD REDUCTION FROM SPACE EXHAUST AIR.
5. FOR UNOCCUPIED MODE, ERU SHALL BE CYCLED ON AND OFF AS REQUIRED BASED ON UNOCCUPIED MODE HEATING AND COOLING SPACE TEMP SETPOINTS AS COMMUNICATED FROM BAS TO ERU PACKAGED CONTROLS THRU BACnet INTERFACE. BAS SHALL WRITE LOWEST TERMINAL UNIT SPACE TEMP TO ERU PACKAGED CONTROLS. DAMPERS SHALL REMAIN IN RECIRC MODE UNLESS COOLING ECONOMIZER IS AVAILABLE. ENERGY RECOVERY WHEEL SHALL REMAIN OFF.
6. PACKAGED CONTROLS SHALL MAINTAIN A REMOTE DUCT STATIC PRESSURE (DSP) SETPOINT FOR ZONE TERMINAL UNIT SUPPLY AIRFLOW CONTROL REQUIREMENTS. SUPPLY FAN VFC SHALL BE MODULATED BY PACKAGED CONTROLS TO MAINTAIN REMOTE SYSTEM SUPPLY DUCT AIR STATIC PRESSURE SETPOINT OF +1.00" W.C. THAT IS ADJUSTABLE FROM BAS THRU BACnet COMMUNICATION. THE AIR BALANCE CONTRACTOR SHALL DETERMINE APPROPRIATE DUCT STATIC PRESSURE SETPOINT.
7. PACKAGED CONTROLS SHALL MAINTAIN A NEUTRAL SPACE PRESSURE. EXHAUST FAN SHALL BE ACTIVATED BY PACKAGED CONTROLS BASED ON SOFTWARE INTERLOCK WITH SF FOR OCCUPIED MODE AND OPERATE AT VARIABLE SEED TRACKING WITH OUTSIDE AIR DAMPER POSITION.
8. PACKAGED CONTROLS SHALL ALLOW BAS TO RESET DA TEMP SETPOINT BASED ON OA TEMP PER INDICATED RESET SCHEDULE.
9. PACKAGED CONTROLS SHALL INCLUDE FROST PROTECTION FOR ENERGY RECOVERY WHEEL. WHEN PRESSURE DROP ACROSS WHEEL EXCEEDS SETPOINT OF 1.5" W.C. (ADJ.), AND THE OA TEMP IS BELOW 5°F. FROST CONTROL WILL BE ENABLED AND ENERGY RECOVERY WHEEL VFC MODULATES TO ALLOW FOR WHEEL DEFROSTING, REDUCING THE PRESSURE DROP ACROSS THE WHEEL. WHEEL TO RESUME NORMAL OPERATION WHENEVER OA TEMP IS ABOVE 5°F AND THE PRESSURE DROP ACROSS THE WHEEL IS BELOW SETPOINT.
10. PACKAGED CONTROLS SHALL INCLUDE DAT LOW TEMPERATURE SAFETY CUTOUT TO DEACTIVATE SUPPLY FAN WHEN TEMPERATURE IS 35°F OR BELOW.
11. DUCT SMOKE DETECTOR(S) SHALL DEACTIVATE UNIT THRU FIRE ALARM SYSTEM CONTROL MODULE WHEN PRODUCTS OF COMBUSTION ARE DETECTED.
12. PACKAGED CONTROLS SHALL BE WITH A2L REFRIGERANT LEAK DETECTION PER UL60335-2-40. LEAK DETECTION SENSORS SHALL BE LOCATED IN UNITS AIR TUNNEL AND COMPRESSOR COMPARTMENT. ERU SHALL BE ACTIVATED INTO MITIGATION MODE OF OPERATION PER UNIT MANUFACTURE SEQUENCE OF OPERATION WHENEVER A REFRIGERANT LEAK IS DETECTED.
13. TC CONTRACTOR SHALL PROVIDE BACnet COMMUNICATION INTERFACE WIRING FROM UNIT CONTROL PANEL TO NEW BAS NETWORK SUPERVISORY CONTROLLER, COMMUNICATING BUT NOT LIMITED TO THE FOLLOWING POINTS AS AVAILABLE:
    - OCCUPANCY MODE SCHEDULER (FROM BAS)
    - EFFECTIVE OCCUPANCY MODE (TO BAS)
    - SUPPLY FAN COMMAND STATUS (TO BAS)
    - SUPPLY FAN RUN STATUS (TO BAS)
    - SUPPLY FAN SPEED COMMAND STATUS (TO BAS)
    - EXHAUST FAN COMMAND STATUS (TO BAS)
    - EXHAUST FAN RUN STATUS (TO BAS)
    - EXHAUST FAN SPEED COMMAND STATUS (TO BAS)
    - ENERGY RECOVERY WHEEL COMMAND STATUS (TO BAS)
    - ENERGY RECOVERY WHEEL ROTATION STATUS (TO BAS)
    - ENERGY RECOVERY WHEEL DEFROST MODE (TO BAS)
    - DISCHARGE AIR TEMP SETPOINT (FROM BAS PER RESET SCHEDULE)
    - EFFECTIVE DISCHARGE AIR TEMP SETPOINT (TO BAS)
    - DISCHARGE AIR TEMP (TO BAS)
    - UNOCCUPIED MODE HEATING SPACE TEMP SETPOINT (FROM BAS)
    - UNOCCUPIED MODE COOLING SPACE TEMP SETPOINT (FROM BAS)
    - SPACE TEMP FOR UNOCCUPIED MODE CYCLING (FROM BAS)
    - HEATING/COOLING MODE STATUS (TO BAS)
    - HEATING OUTPUT STATUS (TO BAS)
    - COOLING OUTPUT STATUS (TO BAS)
    - SUPPLY DUCT STATIC PRESSURE (TO BAS)
    - SUPPLY DUCT STATIC PRESSURE SETPOINT (FROM BAS)
    - OA DAMPER MINIMUM CFM SETPOINT (FROM BAS)
    - DAMPER OUTPUT STATUS (TO BAS)
    - DAMPER ECONOMIZER ENABLE STATUS (TO BAS)
    - DEHUMIDIFICATION MODE STATUS (TO BAS)
    - COMPRESSOR ENABLE STATUS, EACH STAGE (TO BAS)
    - DIRTY FILTER STATUS (TO BAS)
    - A2L MITIGATION ALARM (TO BAS)
    - A2L PURGE MODE ACTIVATED (TO BAS)
    - A2L SENSOR FAILURE ALARM (TO BAS)
    - MISC UNIT TEMPERATURE MONITORING (TO BAS)
    - TEMP SENSOR FAILURE ALARMS (TO BAS)
    - UNIT SAFETY CUTOUT ALARMS (TO BAS)
    - OTHER MISC ALARMS (TO BAS)

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

TEMPERATURE CONTROLS

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

DRAWN	WJU
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

25026D

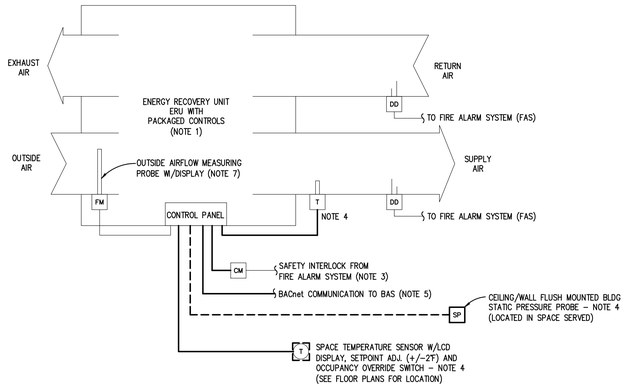
DRAWING NO.

M8.2

g:\2025\2025-0326-00\CAD\2025-0326-M8-CP.dwg, M8.2, 3/9/2026 8:23:58 AM, Rachel L. Wilson, None .0.09448, Peter Basso Associates Inc.

TC GENERAL NOTES

TC GENERAL NOTES ON DRAWING M8.1 APPLY TO THIS DRAWING.



SINGLE ZONE VAV PACKAGED ROOF TOP UNIT (RTU-1) FIELD INSTALLATION & CONTROL

TYPICAL EXCEPT WHERE NOTED. APPLICABLE FOR THE FOLLOWING UNITS:

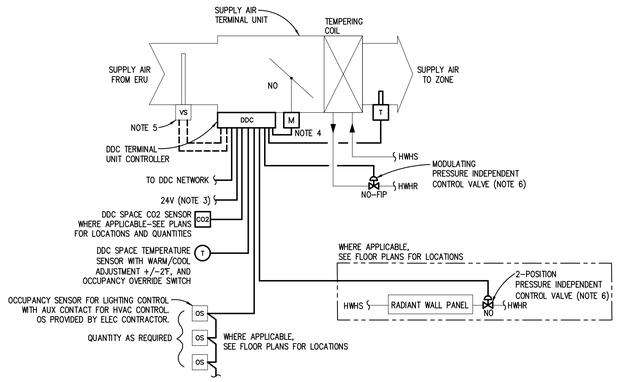
RTU–1 SERVES ROTUNDA A202

NOTES:

1. ROOF TOP UNIT (RTU) SHALL BE SUPPLIED FOR PROJECT WITH PACKAGED CONTROLS FOR VAV SINGLE ZONE SPACE TEMPERATURE CONTROL APPLICATION WITH 100% ECONOMIZER COMPARATIVE ENTHALPY CONTROL, DEHUMIDIFICATION MODE WITH HOT GAS REHEAT AND OUTSIDE AIRFLOW MEASUREMENT FOR MINIMUM VENTILATION CONTROL. ALL CONTROL DAMPERS AND REQUIRED SENSORS TO BE FURNISHED BY UNIT SUPPLIER, SOME REQUIRING FIELD INSTALLATION AS INDICATED. PACKAGED CONTROLS TO INCLUDE BACnet COMMUNICATION INTERFACE FOR BAS SCHEDULING, SPACE TEMP SETPOINT ADJUSTMENTS, MONITORING AND A2L LEAK DETECTION AND MITIGATION PER UL60335–2–40.
2. UNIT SINGLE POINT CONNECTION POWER SUPPLY SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE FIRE ALARM SYSTEM COMPONENTS AND WIRING FROM FIRE ALARM PANEL TO CONTROL MODULE. TC CONTRACTOR SHALL PROVIDE WIRING FROM CONTROL MODULE TO UNIT SAFETY CUTOUT CIRCUIT.
4. TC CONTRACTOR SHALL FIELD INSTALL LOOSE COMPONENTS AND PROVIDE CONTROL FIELD WIRING AND INSTRUMENTATION TUBING FOR UNIT AS INDICATED PLUS ANY MISCELLANEOUS FIELD CONTROL WIRING THAT MAY BE REQUIRED FOR PACKAGED UNIT THAT IS NOT SHOWN. TC CONTRACTOR SHALL PROVIDE BUILDING STATIC PRESSURE PROBE FOR CLEAN INSTALLATION AT REMOTE STATIC PRESSURE REFERENCE LOCATION. TC CONTRACTOR SHALL PROVIDE GUARD FOR SPACE SENSOR.
5. TC CONTRACTOR SHALL PROVIDE BACnet COMMUNICATION INTERFACE WIRING FROM UNIT CONTROL PANEL TO BAS NETWORK SUPERVISORY CONTROLLER.
6. COORDINATE ALL FIELD WIRING REQUIREMENTS AND TERMINATIONS WITH UNIT SUPPLIER.
7. OUTSIDE AIRFLOW MEASURING PROBE PROVIDE BY UNIT SUPPLIER. THERMAL DISPERSION TYPE, EBTRON GOLD SERIES OR SIMILAR.

SEQUENCE OF OPERATION – RTU SINGLE ZONE VAV WITH DEHUMIDIFICATION:

1. VAV SINGLE ZONE PACKAGED CONTROLS SHALL MAINTAIN EFFECTIVE OCCUPIED/UNOCCUPIED SPACE TEMP SETPOINT (ADJUSTABLE THRU BAS) PER OCCUPIED MODE SCHEDULING THRU BAS. PACKAGED CONTROL SHALL MODULATE SUPPLY AND RELIEF FANS SPEED, OUTSIDE & RECIRC DAMPERS, GAS BURNER HEATING CONTROL AND DX COOLING CONTROL AS REQUIRED TO MAINTAIN SPACE TEMPERATURE SETPOINT. PACKAGED CONTROL SHALL INCLUDE OUTDOOR AIRFLOW MONITORING FOR MINIMUM OUTSIDE AIR DAMPER CONTROL TO SATISFY MINIMUM OUTSIDE AIR CFM AS SUPPLY AIRFLOW VARIES. DAMPER CONTROL SHALL INCLUDE COMPARATIVE ENTHALPY ECONOMIZER CONTROL TO MODULATE DAMPERS ABOVE MINIMUM OA CFM SETTING TO PROVIDE FREE COOLING WHEN AVAILABLE.
2. BACnet OPEN PROTOCOL COMMUNICATIONS INTERFACE SHALL BE PROVIDED WITH PACKAGED CONTROLS AND CONNECTED TO OWNER'S BUILDING AUTOMATION SYSTEM THAT SHALL ALLOW UNIT SCHEDULING, FAN STATUSES, SPACE TEMPERATURE ADJUSTMENT AND ADDITIONAL UNIT MONITORING AS AVAILABLE.
3. PACKAGED CONTROLS SHALL INCLUDE DEHUMIDIFICATION MODE TO ACTIVATE DX COOLING AND MODULATE HOT GAS BYPASS COIL CONTROL WHENEVER SPACE HUMIDITY (AS SENSED BY RETURN AIR ENTHALPY SENSOR) EXCEEDS HUMIDITY SETPOINT.
4. FOR OCCUPIED MODE, PACKAGE CONTROLS SHALL OPERATE RTU CONTINUOUSLY.
5. FOR UNOCCUPIED MODE, RTU SHALL BE CYCLED ON AND OFF AS REQUIRED BASED ON UNOCCUPIED MODE HEATING AND COOLING SPACE TEMP SETPOINTS. DAMPERS SHALL REMAIN IN RECIRC MODE UNLESS COOLING ECONOMIZER IS AVAILABLE.
6. PACKAGED CONTROLS SHALL MAINTAIN A SLIGHT POSITIVE SPACE STATIC PRESSURE SETPOINT FOR AREA SERVED BY RTU. RELIEF FAN SHALL BE ACTIVATED BY PACKAGED CONTROLS BASED ON SOFTWARE INTERLOCK WITH SF FOR OCCUPIED MODE. RELIEF FAN SPEED SHALL BE MODULATED TO MAINTAIN A BLDG STATIC PRESSURE STATIC PRESSURE SETPOINT OF +0.02" W.C.
7. PACKAGED CONTROLS SHALL INCLUDE DAT LOW TEMPERATURE SAFETY CUTOUT TO DEACTIVATE SUPPLY FAN WHEN TEMPERATURE IS 35°F OR BELOW AFTER 300 SECOND (ADJ.) TIME DELAY.
8. DUCT SMOKE DETECTOR(S) SHALL DEACTIVATE UNIT THRU FIRE ALARM SYSTEM CONTROL MODULE WHEN PRODUCTS OF COMBUSTION ARE DETECTED..
9. PACKAGED CONTROLS SHALL BE WITH A2L REFRIGERANT LEAK DETECTION PER UL60335–2–40. LEAK DETECTION SENSORS SHALL BE LOCATED IN UNITS AIR TUNNEL AND COMPRESSOR COMPARTMENT. RTU SHALL BE ACTIVATED INTO MITIGATION MODE OF OPERATION PER UNIT MANUFACTURE SEQUENCE OF OPERATION WHENEVER A REFRIGERANT LEAK IS DETECTED.
10. TC CONTRACTOR SHALL PROVIDE BACnet COMMUNICATION INTERFACE WIRING FROM UNIT CONTROL PANEL TO NEW BAS NETWORK SUPERVISORY CONTROLLER, COMMUNICATING BUT NOT LIMITED TO THE FOLLOWING POINTS AS AVAILABLE:
    - OCCUPANCY MODE SCHEDULER (FROM BAS)
    - EFFECTIVE OCCUPANCY MODE (TO BAS)
    - SUPPLY FAN COMMAND STATUS (TO BAS)
    - SUPPLY FAN RUN STATUS (TO BAS)
    - SUPPLY FAN SPEED COMMAND STATUS (TO BAS)
    - RELIEF FAN COMMAND STATUS (TO BAS)
    - RELIEF FAN RUN STATUS (TO BAS)
    - RELIEF FAN SPEED COMMAND STATUS (TO BAS)
    - OCCUPIED SPACE HEATING TEMP SETPOINT (FROM BAS)
    - UNOCCUPIED SPACE HEATING TEMP SETPOINT (FROM BAS)
    - OCCUPIED SPACE COOLING TEMP SETPOINT (FROM BAS)
    - UNOCCUPIED SPACE COOLING TEMP SETPOINT (FROM BAS)
    - EFFECTIVE SPACE TEMP SETPOINT (TO BAS)
    - SPACE TEMPERATURE (TO BAS)
    - DISCHARGE AIR TEMP (TO BAS)
    - HEATING/COOLING MODE STATUS (TO BAS)
    - HEATING OUTPUT STATUS (TO BAS)
    - COOLING OUTPUT STATUS (TO BAS)
    - OA DAMPER MINIMUM CFM SETPOINT (FROM BAS)
    - DAMPER OUTPUT STATUS (TO BAS)
    - DAMPER ECONOMIZER ENABLE STATUS (TO BAS)
    - RETURN AIR ENTHALPY SETPOINT FOR HUMIDIFICATION MODE (FROM BAS)
    - RETURN AIR ENTHALPY (TO BAS)
    - DEHUMIDIFICATION MODE STATUS (TO BAS)
    - COMPRESSOR ENABLE STATUS, EACH STAGE (TO BAS)
    - DIRTY FILTER STATUS (TO BAS)
    - BUILDING STATIC PRESSURE SETPOINT (FROM BAS)
    - BUILDING STATIC PRESSURE (TO BAS)
    - A2L MITIGATION ALARM (TO BAS)
    - A2L PURGE MODE ACTIVATED (TO BAS)
    - A2L SENSOR FAILURE ALARM (TO BAS)
    - MISC UNIT TEMPERATURE MONITORING (TO BAS)
    - TEMP SENSOR FAILURE ALARMS (TO BAS)
    - UNIT SAFETY CUTOUT ALARMS (TO BAS)
    - OTHER MISC ALARMS (TO BAS)



VAV AIR TERMINAL UNIT W/TEMPERING COIL CONTROL

TYPICAL

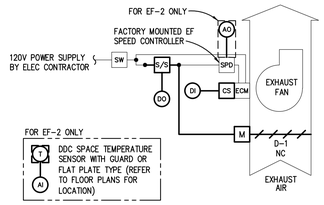
NOTES:

1. REFER TO MECHANICAL FLOOR PLANS FOR QUANTITY AND LOCATION OF UNITS.
2. WHERE INDICATED FLOOR PLANS, SPACE TEMP SHALL BE REFERENCED TO MULTIPLE AIR TERMINAL UNIT CONTROLLERS VIA DDC NETWORK.
3. TC CONTRACTOR SHALL PROVIDE 24V POWER SUPPLY TO TERMINAL UNIT CONTROLLER.
4. TERMINAL UNIT MANUFACTURER SHALL PROVIDE DAMPER AND TC CONTRACTOR SHALL PROVIDE DAMPER ACTUATOR.
5. TERMINAL UNIT MANUFACTURER SHALL PROVIDE VELOCITY SENSOR FOR SYSTEM CONTROL. TC CONTRACTOR SHALL COORDINATE WITH TAB CONTRACTOR TO DETERMINE DAMPER CONTROL SETTINGS TO ACHIEVE SCHEDULED MINIMUM AND MAXIMUM CFMs.
6. HWH CONTROL VALVES FURNISHED BY TC CONTRACTOR FOR INSTALLATION BY MECHANICAL CONTRACTOR REFER TO UNIT SCHEDULES FOR CONTROL VALVE SIZING CRITERIA.

SEQUENCE OF OPERATION (TYPICAL – AIR TERMINAL UNIT WITH RADIANT WALL PANEL):

NOTE: ALL SETPOINTS DESCRIBED IN SEQUENCE SHALL BE ADJUSTABLE BY SYSTEM OPERATORS (CREATE REQUIRED VIRTUAL POINTS). APPROPRIATE DEADBANDS SHALL BE USED TO PREVENT SHORT CYCLING SITUATIONS.

1. ALL TU'S ASSOCIATED WITH A SINGLE SPACE TEMP SENSOR SHALL CONTROL IN UNISON.
2. SUPPLY AIR TERMINAL UNIT'S (TU) MINIMUM AND MAXIMUM AIRFLOW SETTINGS SHALL BE AS INDICATED ON MECHANICAL SCHEDULES. WHERE MINIMUM AND MAXIMUM AIRFLOW SETTINGS ARE THE SAME, THE TU CONTROLLER SHALL PERFORM CONSTANT AIR VOLUME CONTROL.
3. IN ALL MODES OF HEATING, TU DISCHARGE AIR TEMP SENSOR SHALL PROVIDE HIGH LIMIT SETPOINT CONTROL AT 90°F DAT.
4. WHEN SPACE TEMP RISES ABOVE THE SETPOINT, THE SUPPLY AIR TERMINAL UNIT CONTROLLER SHALL KEEP THE TEMPERING COIL VALVE AND RADIANT WALL PANEL CONTROL VALVE (WHERE APPLICABLE) CLOSED AND SHALL MODULATE THE SUPPLY AIRFLOW BETWEEN ITS MINIMUM AND MAXIMUM SETTING TO MAINTAIN SPACE TEMP SETPOINT.
5. FOR SPACES WITHOUT RADIANT WALL PANEL: WHEN SPACE TEMP FALLS BELOW HEATING SETPOINT, THE SUPPLY AIR TU CONTROLLER SHALL FIRST MODULATE TU DAMPER TOWARDS ITS MINIMUM AIRFLOW SETTING. WHEN AIRFLOW IS AT MINIMUM, TU CONTROLLER SHALL MODULATE TEMPERING COIL CONTROL VALVE OPEN. IF THE SPACE TEMP IS BELOW SETPOINT WITH TEMPERING COIL VALVE MODULATING TO MAINTAIN HIGH LIMIT DAT SETPOINT OF 90°F DAT SETPOINT, SUPPLY AIR TU CONTROLLER SHALL MODULATE TU DAMPER FROM MINIMUM AIRFLOW SETTING UP TO MAXIMUM AIRFLOW SETTING TO MAINTAIN SPACE TEMP SETPOINT.
6. FOR SPACES WITH RADIANT WALL PANEL: WHEN OA TEMP IS 60°F OR BELOW AND SPACE TEMP FALLS BELOW SETPOINT, THE SUPPLY AIR TU CONTROLLER SHALL FIRST MODULATE TU DAMPER TOWARDS ITS MINIMUM AIRFLOW SETTING. WHEN AIRFLOW IS AT MINIMUM, TU CONTROLLER SHALL OPEN THE RADIANT WALL PANEL CONTROL VALVE FOLLOWED BY MODULATING TEMPERING COIL CONTROL VALVE TO MAINTAIN THE SPACE TEMP SETPOINT. IF THE SPACE TEMP IS BELOW SETPOINT WITH TEMPERING COIL MODULATING TO MAINTAIN HIGH LIMIT DAT SETPOINT OF 90°F AND RADIANT WALL PANEL CONTROL VALVE FULLY OPEN, SUPPLY AIR TU CONTROLLER SHALL MODULATE TU DAMPER FROM MINIMUM AIRFLOW SETTING UP TO MAXIMUM AIRFLOW SETTING TO MAINTAIN SPACE TEMP SETPOINT.
7. FOR SPACES WITH RADIANT WALL PANEL: WHEN OA TEMP IS ABOVE 60°F AND SPACE TEMP FALLS BELOW SETPOINT, THE SUPPLY AIR TU CONTROLLER SHALL FIRST MODULATE TU DAMPER TOWARDS ITS MINIMUM AIRFLOW SETTING. WHEN AIRFLOW IS AT MINIMUM, TU CONTROLLER SHALL MODULATE TEMPERING COIL CONTROL VALVE TOWARDS OPEN. IF THE SPACE TEMP IS BELOW SETPOINT WITH TEMPERING COIL VALVE MODULATING TO MAINTAIN HIGH LIMIT DAT SETPOINT OF 90°F, SUPPLY AIR TU CONTROLLER SHALL MODULATE TU DAMPER FROM MINIMUM AIRFLOW SETTING UP TO MAXIMUM AIRFLOW SETTING TO MAINTAIN SPACE TEMP SETPOINT. RADIANT WALL PANEL CONTROL VALVE SHALL REMAIN CLOSED.
8. SPACE TEMPERATURE SETPOINTS SHALL BE AS FOLLOWS:
    - HEATING UNOCCUPIED SETPOINT = 62°F
    - HEATING STANDBY SETPOINT = 68°F
    - HEATING OCCUPIED SETPOINT = 70°F
    - COOLING OCCUPIED SETPOINT = 75°F
    - COOLING STANDBY SETPOINT = 77°F
    - COOLING UNOCCUPIED SETPOINT = 80°F
9. DURING BUILDING UNOCCUPANCY, RELATED RTU SHALL CYCLE AS REQUIRED TO MAINTAIN BUILDING SETBACK AND SETUP TEMP SETPOINTS.
10. {WHERE APPLICABLE}: WHEN SPACE CARBON DIOXIDE LEVEL INCREASES ABOVE 1100 PPM SETPOINT, TU CONTROLLER SHALL OVERRIDE AIRFLOW CONTROL AND MODULATE DAMPER MORE OPEN TO INCREASE SUPPLY AIRFLOW UNTIL CO2 SETPOINT IS SATISFIED. TU CONTROLLER SHALL MODULATE TEMPERING COIL CONTROL VALVE TO MAINTAIN SPACE TEMP SETPOINT. [NOTE: THERE IS NOT A REQUIREMENT TO INCREASE OUTSIDE AIRFLOW AT RELATED RTU IF C02 LEVEL IS ABOVE SETPOINT WHEN TU DAMPER IS AT MAX POSITION].
11. {WHERE APPLICABLE}: WHEN SPACE CARBON DIOXIDE LEVEL DECREASES BELOW 600 PPM SETPOINT AFTER BEING IN VENTILATION OVERRIDE MODE, TU CONTROLLER SHALL RETURN TU DAMPER BACK TO NORMAL CONTROL.
12. {WHERE APPLICABLE}: WHEN SPACE IS UNOCCUPIED DURING SCHEDULED OCCUPIED MODE AS DETERMINED BY MONITORING THE LIGHTING OCCUPANCY SENSOR AUX CONTACTS, DDC SHALL OPERATE AIR TERMINAL UNIT IN A STANDBY MODE. SPACE TEMP SETPOINT SHALL BE SETBACK/SETUP AS INDICATED ABOVE.
13. WHEN RESPECTIVE UNIT IS DEACTIVATED; THE AIR TERMINAL UNIT DAMPER SHALL REMAIN IN MINIMUM POSITION AND THE TEMPERING COIL VALVE SHALL REMAIN CLOSED.
14. THE DDC TERMINAL UNIT CONTROLLER SHALL RE–CALIBRATE THE AIRFLOW SENSOR ONCE A WEEK MINIMUM. THE RE–CALIBRATION PROCESS SHALL BE STAGGERED AMONGST THE TERMINAL UNITS SO THE DUCT STATIC PRESSURE DOES NOT EXCEED LIMITS.
15. CONTROL SIGNALS FOR AIR TERMINAL UNIT DAMPER ACTUATOR AND HEATING CONTROL OUTPUT(S) SHALL BE DISPLAYED WITH SYSTEM GRAPHICS.



EXHAUST FAN (EF) CONTROL

TYPICAL EXCEPT WHERE NOTED. APPLICABLE FOR THE FOLLOWING UNITS:
EF–1 SERVES
EF–2 SERVES

NOTES:

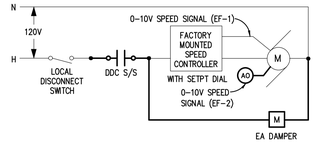
1. REFER TO MECHANICAL FLOOR PLANS FOR LOCATION OF UNITS.
2. CONTROL DAMPER FURNISHED BY TC CONTRACTOR FOR INSTALLATION BY MECHANICAL CONTRACTOR. TC CONTRACTOR SHALL PROVIDE CONTROL DAMPER ACTUATOR.

SEQUENCE OF OPERATION: EF–1

1. EXHAUST FAN SHALL BE STARTED AND STOPPED BY DDC BASED ON BUILDING OCCUPIED MODE SCHEDULE. WIRING INTERLOCK SHALL OPEN DAMPERS.
2. DDC SHALL MONITOR EF RUN STATUS THRU CURRENT SWITCH. ABNORMAL EF OPERATION SHALL ACTIVATE REMOTE ALARM. DDC SHALL TOTALIZE FAN RUN TIME HOURS OF OPERATION.
3. FAN SPEED SHALL BE MANUALLY SET THRU ON BOARD POTENTIOMETER BY AIR BALANCER TO DESIGN AIRFLOW.

SEQUENCE OF OPERATION: EF–2

1. EXHAUST FAN SHALL BE STARTED AND STOPPED BY DDC BASED ON BUILDING OCCUPIED MODE SCHEDULE. WIRING INTERLOCK SHALL OPEN DAMPERS.
2. DDC SHALL MONITOR EF RUN STATUS THRU CURRENT SWITCH. ABNORMAL EF OPERATION SHALL ACTIVATE REMOTE ALARM. DDC SHALL TOTALIZE FAN RUN TIME HOURS OF OPERATION.
3. DURING UNOCCUPIED CYCLE MODE OR SPACE TEMP IS ABOVE 78°F (ADJ.), DDC SHALL ACTIVATE EXHAUST FAN. DDC SHALL PROVIDE A 2°F DEADBAND FOR CONTROL.
4. FAN SHALL OPERATE AT 50% SPEED DURING OCCUPIED MODE, AND 100% DURING UNOCCUPIED CYCLE MODE.



EF M/S WIRING

TYPICAL

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

TEMPERATURE CONTROLS

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	WJU
CHECKED	KRD
APPROVED	SVM

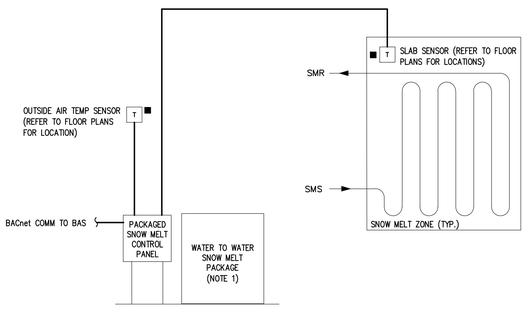
PROJECT NO.
25026D

DRAWING NO.
M8.3

g:\2025\2025-0326-00\CAD\2025-0326-M8-CP.dwg, M8.3, 3/9/2026 8:24:00 AM, Rachel L. Wilson, None ,0.09448, Peter Basso Associates Inc.

TC GENERAL NOTES

TC GENERAL NOTES ON DRAWING M8.1 APPLY TO THIS DRAWING.



SNOW MELT SYSTEM FIELD INSTALLATION & BAS INTERFACE

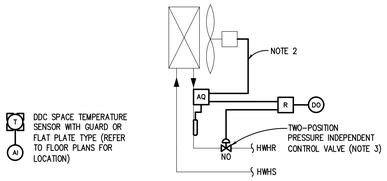
NOTES:

1. WATER TO WATER SNOW MELT PACKAGED SKID MOUNTED STAND ALONE SYSTEM INCLUDING HEAT EXCHANGER, PUMP (CP-1), HYDRONIC SPECIALTIES, GLYCOL FEED UNIT, SINGLE-POINT POWER AND SNOW MELT CONTROLS. REFER TO FLOOR PLANS SNOW MELT SYSTEM AND SENSOR LOCATIONS.
2. ■ DESIGNATES SNOW MELT SYSTEM CONTROL DEVICE FURNISHED BY SUPPLIER TO BE FIELD WIRED BY TC CONTRACTOR.
3. TC CONTRACTOR SHALL COORDINATE WITH SNOW MELT SYSTEM SUPPLIER FOR EXACT TERMINATIONS AND WIRING REQUIREMENTS.

SEQUENCE OF OPERATION:

NOTE: ALL SETPOINTS DESCRIBED IN SEQUENCE SHALL BE ADJUSTABLE BY SYSTEM OPERATORS (CREATE REQUIRED VIRTUAL POINTS). APPROPRIATE DEADBANDS SHALL BE USED TO PREVENT SHORT CYCLING SITUATIONS.

1. BAS SHALL ENABLE THE SNOW MELT SYSTEM PACKAGED CONTROLLER WHEN OUTSIDE AIR TEMP IS BELOW 37°F (ADJ.). DURING THIS TIME THE SYSTEM WILL "IDLE" (PREHEAT THE SLAB) UNTIL MOISTURE IS SENSED AT SLAB SENSOR. SNOW MELT SYSTEM WILL BECOME ACTIVE AND CONTROL TO MAINTAIN SLAB TEMP SETPOINT. THE SNOW MELT PACKAGE CONTROLLER SHALL MODULATE THE CONTROL VALVE AND CYCLE THE SNOW MELT PUMP AS REQUIRED. REFER TO SNOW MELT SYSTEM MANUALS FOR SPECIFICS ON SYSTEM OPERATION.
2. BAS SHALL MONITOR SNOW MELT SUPPLY AND RETURN TEMPS, PUMP STATUS SYSTEM ALARMS AND FAULTS THROUGH BACNET COMMUNICATION AND DISPLAY ON SYSTEM GRAPHICS FOR DIAGNOSTIC PURPOSES.
3. BAS SHALL MONITOR THE GLYCOL LOOP RETURN PRESSURE THROUGH BACNET COMMUNICATION AND GENERATE AN ALARM IF THE SYSTEM PRESSURE FALLS BELOW LOW LIMIT PRESSURE SETPOINT (FIELD VERIFY SETTING DURING SYSTEM STARTUP) INDICATING A POSSIBLE LEAK IN THE SYSTEM.



HWH UNIT HEATER (UH) CONTROL

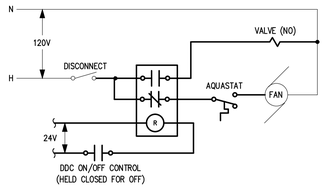
TYPICAL

NOTES:

1. REFER TO FLOOR PLANS FOR QUANTITY AND LOCATION OF UNITS.
2. AQUASTAT SHALL BE WIRED IN SERIES WITH FAN CONTROL WIRING CIRCUIT.
3. TC CONTRACTOR SHALL FURNISH CONTROL VALVES. SELECT CONTROL VALVES TO ACHIEVE THE SCHEDULE FLOW RATES. COORDINATE INSTALLATION WITH MECH CONTRACTOR.
4. TC CONTRACTOR SHALL HAVE OPTION TO USE VICONICS (BACnet) OR SIMILAR TERMINAL EQUIPMENT CONTROLLER (TEC) SUITABLE FOR CONTROL APPLICATION.

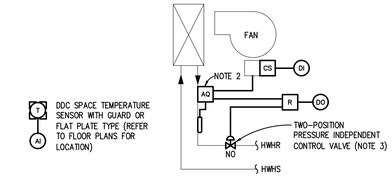
SEQUENCE OF OPERATION:

1. DDC SYSTEM SHALL ENABLE/DISABLE FAN CIRCUIT AND OPEN/CLOSE HEATING VALVE AS REQUIRED TO MAINTAIN SPACE TEMP SETPOINT OF 68°F DURING BLDG OCCUPANCY AND 60 °F DURING BLDG UNOCCUPANCY. FAN SHALL ACTIVATE UPON PROOF OF HWHR FLOW BY AQ.



HWH UH WIRING

TYPICAL



HWH CABINET UNIT HEATER (CUH) CONTROL

TYPICAL

NOTES:

1. REFER TO MECHANICAL FLOOR PLANS FOR QUANTITY AND LOCATION OF UNITS.
2. AQUASTAT SHALL BE WIRED IN SERIES WITH FAN CONTROL WIRING CIRCUIT.
3. HWH COIL CONTROL VALVE FURNISHED BY TC CONTRACTOR FOR INSTALLATION BY MECHANICAL CONTRACTOR. REFER TO UNIT SCHEDULE FOR CONTROL VALVE SIZING CRITERIA.

SEQUENCE OF OPERATION:

NOTE: ALL SETPOINTS, RESET SCHEDULE SETPOINTS, DEADBANDS, AND TIME INTERVALS DESCRIBED IN SEQUENCE SHALL BE ADJUSTABLE BY BAS OPERATORS. ALL MOTOR CONTROL SWITCHES SHALL BE IN "AUTO" POSITION.

1. ASHRAE 90.1-2019 FOR VESTIBULES ONLY:

1.1. DDC SHALL ENABLE/DISABLE CUH FAN CIRCUIT AND OPEN/CLOSE HEATING VALVE AS REQUIRED TO MAINTAIN SPACE TEMPERATURE SETPOINT OF 60°F. FAN SHALL ACTIVATE UPON PROOF OF HWHR FLOW BY AQUASTAT. AQUASTAT SHALL PROVIDE 4°F DEADBAND FOR CONTROL. DDC SHALL PROVIDE 2°F DEADBAND FOR CONTROL.

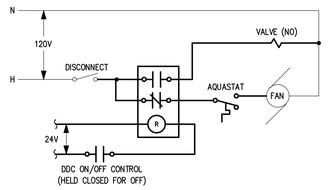
1.2. WHEN OUTSIDE AIR TEMPERATURE INCREASES ABOVE 45°F, DDC SHALL DISABLE CONTROL OF THE CUH.

2. FOR ALL OTHER AREAS/ROOMS:

2.1. DDC SHALL ENABLE/DISABLE CUH FAN CIRCUIT AND OPEN/CLOSE HEATING VALVE AS REQUIRED TO MAINTAIN SPACE TEMPERATURE SETPOINT OF 68°F DURING BUILDING OCCUPIED MODE AND 50°F DURING BUILDING UNOCCUPIED MODE. CUH FAN SHALL ACTIVATE UPON PROOF OF HWHR FLOW BY AQUASTAT. AQUASTAT SHALL PROVIDE 4°F DEADBAND FOR CONTROL. DDC SHALL PROVIDE 2°F DEADBAND CONTROL AROUND SETPOINTS.

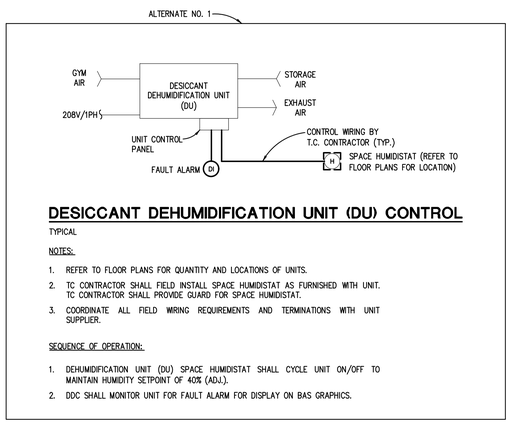
2.2. WHEN OUTSIDE AIR TEMPERATURE INCREASES ABOVE 60°F, DDC SHALL DISABLE CONTROL OF THE CUH.

3. DDC SHALL MONITOR FAN RUN STATUS THRU CURRENT SWITCH. ABNORMAL STATUS CONDITION SHALL ACTIVATE ALARM.



HWH CUH WIRING

TYPICAL



DESICCANT DEHUMIDIFICATION UNIT (DU) CONTROL

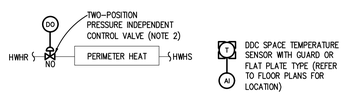
TYPICAL

NOTES:

1. REFER TO FLOOR PLANS FOR QUANTITY AND LOCATIONS OF UNITS.
2. TC CONTRACTOR SHALL FIELD INSTALL SPACE HUMIDISTAT AS FURNISHED WITH UNIT. TC CONTRACTOR SHALL PROVIDE GUARD FOR SPACE HUMIDISTAT.
3. COORDINATE ALL FIELD WIRING REQUIREMENTS AND TERMINATIONS WITH UNIT SUPPLIER.

SEQUENCE OF OPERATION:

1. DEHUMIDIFICATION UNIT (DU) SPACE HUMIDISTAT SHALL CYCLE UNIT ON/OFF TO MAINTAIN HUMIDITY SETPOINT OF 40% (ADJ.).
2. DDC SHALL MONITOR UNIT FOR FAULT ALARM FOR DISPLAY ON BAS GRAPHICS.



PERIMETER HEATING CONTROL

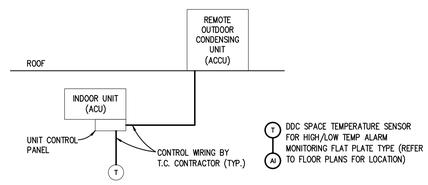
TYPICAL FOR PERIMETER HEAT NOT ASSOCIATED WITH TERMINAL UNIT CONTROL

NOTES:

1. REFER TO FLOOR PLANS FOR QUANTITY AND LOCATION OF UNITS.
2. TC CONTRACTOR SHALL FURNISH CONTROL VALVES. SELECT CONTROL VALVES TO ACHIEVE THE SCHEDULE FLOW RATES. COORDINATE INSTALLATION WITH MECH CONTRACTOR.
3. TC CONTRACTOR SHALL HAVE OPTION TO USE VICONICS (BACnet) OR SIMILAR TERMINAL EQUIPMENT CONTROLLER (TEC) SUITABLE FOR CONTROL APPLICATION.

SEQUENCE OF OPERATION:

1. ALL SETPOINTS AND DEADBANDS SHALL BE ADJUSTABLE THROUGH DDC SYSTEM.
2. DDC SHALL OPEN/CLOSE PERIMETER HEATING CONTROL VALVE AS REQUIRED TO MAINTAIN SPACE TEMP SETPOINT OF 68°F DURING BLDG OCCUPANCY AND 64°F DURING BLDG UNOCCUPANCY.
3. DDC SHALL PROVIDE A 2°F DEADBAND AROUND SETPOINTS FOR CONTROL.



PACKAGED ACU FIELD WIRING & CONTROL

ACU-1/ACCU-1 SERVES IDF C227

NOTES:

1. REFER TO FLOOR PLANS FOR QUANTITY AND LOCATION OF UNITS.
2. TC CONTRACTOR SHALL PROVIDE FIELD WIRING BETWEEN INDOOR UNIT CONTROLS AND THE REMOTE CONDENSER.
3. TC CONTRACTOR SHALL INSTALL THERMOSTAT PROVIDED BY ACU SUPPLIER AND PROVIDE REQUIRED FIELD WIRING.
4. TC CONTRACTOR SHALL COORDINATE WITH MANUFACTURER FOR EXACT TERMINATIONS AND WIRING REQUIREMENTS.

SEQUENCE OF OPERATION:

1. DDC SHALL MONITOR SPACE TEMP AND ACTIVATE ALARM IF HIGH OR LOW LIMIT SETPOINTS ARE REACHED.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

TEMPERATURE CONTROLS

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:

DRAWN	WJU
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

25026D

DRAWING NO.

M8.4

g:\2025\2025-0326-00\CAD\2025-0326-M8-CP.dwg, M8.4, 3/9/2026 8:24:01 AM, Rachel L. Wilson, None ,0.09448, Peter Basso Associates Inc.

ELECTRICAL SYMBOL LIST

(NOTE: SOME SYMBOLS AND ABBREVIATIONS SHOWN MAY NOT APPLY TO THIS PROJECT.)

SYMBOL	DESCRIPTION
N,/ER X y ZZ-#	DENOTES NIGHT LIGHT AND/OR EMERGENCY LIGHT X DENOTES FIXTURE TYPE y DENOTES LIGHTING CONTROL ZONE ZZ-# DENOTES PANELBOARD AND BREAKER
	FILL DENOTES EMERGENCY LIGHTING FIXTURE
	TROFFER LIGHT
	STRIP LIGHT
	LINEAR LIGHT
	MULTIHEAD ADJUSTABLE LIGHT
	DOWN LIGHT
	DIRECTIONAL DOWN LIGHT
	DECORATIVE LIGHT
	DECORATIVE LIGHT
	WALL MOUNTED LIGHT
	WALL SCONCE
	ARM MOUNTED LIGHT
	LIGHTING TRACK
	TRACK LIGHT
	ADJUSTABLE FLOOD LIGHT
	STEP LIGHT
	LED TAPE LIGHT
	REMOTE DRIVER
	HIGH BAY LIGHT
	POLE MOUNTED LIGHT
	POST TOP LIGHT
	BOLLARD LIGHT
	EMERGENCY LIGHT
	EXIT LIGHT WITH DIRECTIONAL ARROWS (FILLED AREA INDICATES FACE)
	EXIT LIGHT WITH DIRECTIONAL ARROWS (FILLED AREA INDICATES FACE)
	EXIT LIGHT - WALL MOUNTED (FILLED AREA INDICATES FACE)
	EXIT/EMERGENCY LIGHT COMBO - WALL MOUNTED (FILLED AREA INDICATES FACE)
ALCR	AUTOMATIC LOAD CONTROL RELAY
BCELTS	BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH
LC y	LIGHTING CONTROL DEVICE - REFER TO LIGHTING CONTROL SCHEDULE y DENOTES LIGHTING CONTROL ZONE
CSX	LOW VOLTAGE CONTROL STATION "X" INDICATES TYPE
XX	ROOM CONTROL DESIGNATION - REFER TO LIGHTING CONTROL SCHEDULE
S	SINGLE POLE TOGGLE SWITCH
S2	TWO POLE TOGGLE SWITCH
S3	3 WAY TOGGLE SWITCH
S4	4 WAY TOGGLE SWITCH
K	KEY OPERATED SWITCH
K3	3 WAY KEY OPERATED SWITCH
K4	4 WAY KEY OPERATED SWITCH
D	DIMMER SWITCH
DO	DIMMER OCCUPANCY SENSOR SWITCH
DL	LOW VOLTAGE DIMMER SWITCH
D3	3 WAY DIMMER SWITCH
SP	PILOT SWITCH

SYMBOL	DESCRIPTION
TWC	TWO-WAY COMMUNICATION SYSTEM CALL STATION
TWCD	TWO-WAY COMMUNICATION SYSTEM AUTO DIALER
TWCA	TWO-WAY COMMUNICATION SYSTEM ANNUNCIATOR & COMMUNICATION PANEL
TWCP	TWO-WAY COMMUNICATION SYSTEM POWER SUPPLY WITH BATTERY BACK-UP
TWCDP	TWO-WAY COMMUNICATION SYSTEM AUTO DIALER POWER SUPPLY WITH BATTERY BACK-UP
RGP	REMOTE GENERATOR ANNUNCIATOR PANEL
ATS	AUTOMATIC TRANSFER SWITCH
UPS	UNINTERRUPTIBLE POWER SUPPLY
	SINGLE / DUPLEX RECEPTACLE OUTLET "X" INDICATES TYPE
	SINGLE / DUPLEX RECEPTACLE OUTLET CONTROLLED BY AUTOMATIC CONTROL DEVICE / SYSTEM (SIMILAR FOR TAMPER RESISTANT, GFCI, USB)
	DUPLEX / TAMPER RESISTANT RECEPTACLE OUTLET HALF CONTROLLED BY AUTOMATIC CONTROL DEVICE/SYSTEM
	QUAD RECEPTACLE OUTLET
	ABOVE COUNTER DUPLEX RECEPTACLE OUTLET (SIMILAR FOR TAMPER RESISTANT, CONTROLLED, QUADS, EMERGENCY, UPS, USB, AND GFCI RECEPTACLE OUTLETS)
	DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE OUTLET
	DEAD FRONT GROUND FAULT CIRCUIT INTERRUPTER
	DUPLEX EMERGENCY RECEPTACLE OUTLET
	DUPLEX TAMPER RESISTANT RECEPTACLE OUTLET
	QUAD TAMPER RESISTANT RECEPTACLE OUTLET
	DUPLEX UPS RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET WITH 2 USB PORTS
	USB 4 PORT CHARGING STATION
	CEILING MOUNTED DUPLEX / QUAD RECEPTACLE OUTLET
	MULTI-OUTLET SURFACE RACEWAY
	POWER POLE
	WALL / CEILING MOUNTED SPECIAL RECEPTACLE OUTLET - REFER TO ELECTRICAL STANDARD SCHEDULES
	MULTI-SERVICE DROP SEE ELECTRICAL DETAILS AND DIAGRAMS SHEET "X" INDICATES TYPE
MIC	MICROPHONE
PTX	POKE-THROUGH ASSEMBLY "X" INDICATES TYPE
FBX	FLOOR SERVICE FITTING "X" INDICATES TYPE
AFX	ACCESS FLOOR SERVICE FITTING "X" INDICATES TYPE
RX	CORD REEL "X" INDICATES TYPE
	DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES
	3-WAY DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES
	4-WAY DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES
ST	DIGITAL TIME SWITCH
SI	ILLUMINATED TOGGLE SWITCH FOR CONTROL OF LIGHTING ON CRITICAL POWER-ILLUMINATED WHEN SWITCH IS IN "OFF" POSITION
SL	LOW VOLTAGE SWITCH
SO	OCCUPANCY SENSOR
SO2	OCCUPANCY SENSOR - REFER TO ELECTRICAL STANDARD SCHEDULE
OS X	OCCUPANCY SENSOR - REFER TO ELECTRICAL STANDARD SCHEDULES - "X" INDICATES TYPE

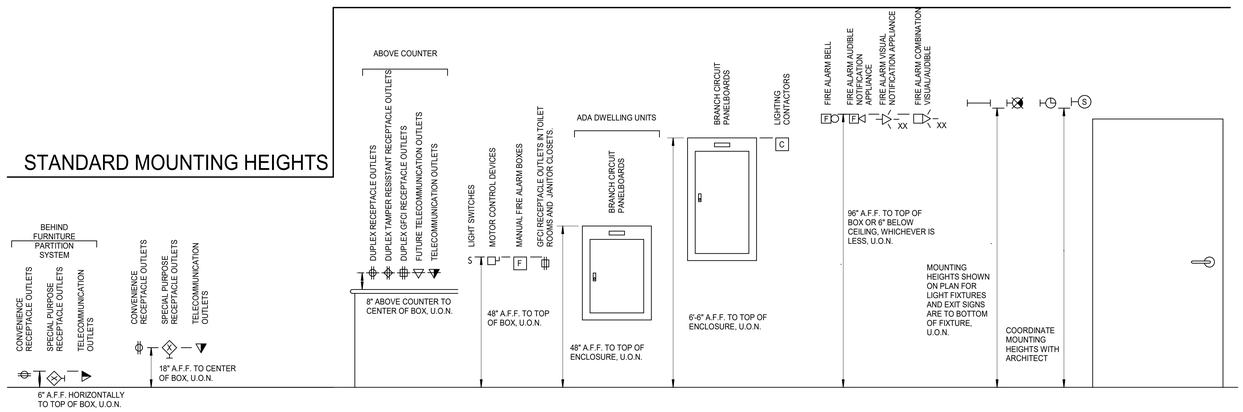
SYMBOL	DESCRIPTION
CP	CONTROL PANEL
	MOTOR
VFC	VARIABLE FREQUENCY CONTROLLER
	MANUAL CONTROLLER
	MAGNETIC CONTROLLER
	COMBINATION MAGNETIC CONTROLLER
	NON-FUSIBLE DISCONNECT SWITCH
	FUSIBLE DISCONNECT SWITCH
CB	ENCLOSED CIRCUIT BREAKER
	PUSH BUTTON STATION
J	JUNCTION BOX
	HARD WIRE POWER CONNECTION
	GROUND ROD
	GROUND CONNECTION
HH	HANDHOLE
X	CONDUIT SLEEVE WITH BUSHINGS LENGTH AS REQUIRED "X" INDICATES CONDUIT SIZE
	CONDUIT UP
	CONDUIT DOWN
	EMPTY BOX FOR FUTURE TELECOMMUNICATION OUTLET
	EMPTY BOX FOR FUTURE TELECOMMUNICATION OUTLET MOUNTED 8" ABOVE COUNTERTOP
	EMPTY BOX FOR FUTURE CEILING MOUNTED TELECOMMUNICATION OUTLET
	TELECOMMUNICATION OUTLET "X" INDICATES TYPE
	TELECOMMUNICATION OUTLET MOUNTED 8" ABOVE COUNTERTOP "X" INDICATES TYPE
X	TELECOMMUNICATION CEILING MOUNTED OUTLET "X" INDICATES TYPE
	TELECOMMUNICATION BACKBOARD
TGB	TELECOMMUNICATION GROUNDING BUS BAR
TMGB	TELECOMMUNICATION MAIN GROUNDING BUS BAR
IC	INTERCOM OUTLET
S	SPEAKER
S	SPEAKER - WALL MOUNTED
M	UTILITY METER
EMU	ELECTRONIC METERING UNIT
A	AMMETER
V	VOLTMETER
AS	AMMETER SWITCH
VS	VOLTMETER SWITCH
SPD	SURGE PROTECTIVE DEVICE
CR	CONTROL RELAY
PRM	PHASE ROTATION MONITOR
	DOUBLE FACE CLOCK - CEILING MOUNTED
	DOUBLE FACE CLOCK - WALL MOUNTED
	DOUBLE FACE COMBINATION CLOCK/SPEAKER CEILING MOUNTED
	DOUBLE FACE COMBINATION CLOCK/SPEAKER WALL MOUNTED
TR	TIME CLOCK
C	CONTACTOR
P	PHOTOCELL
TT	TWIST TIMER
EVSE	ELECTRICAL VEHICLE SUPPLY EQUIPMENT
DCFC	DC FAST CHARGER - STANDALONE
DCPM	DC FAST CHARGER - POWER MODULE
DCDP	DC FAST CHARGER - DISPENSER

REFER TO ELECTRICAL STANDARD SCHEDULES

SYMBOL	DESCRIPTION
	SECURITY CAMERA
MD	MOTION DETECTOR
K	SECURITY KEY SWITCH
DC	DOOR CONTACT
KP	KEY PAD
CR	CARD READER
DB	DURESS PUSH BUTTON STATION
DE	DELAYED EGRESS
REX	REQUEST TO EXIT STATION
PP	AUTOMATIC DOOR PUSH PAD OPERATOR
DO	DOOR OPERATOR
DA	DOOR ACTUATOR
AC	ACCESS CONTROL STATION
ACCP	ACCESS CONTROL CONTROL PANEL
ACPS	ACCESS CONTROL POWER SUPPLY
	CIRCUIT BREAKER
	DRAWOUT CIRCUIT BREAKER MANUALLY/ OPERATED
	DRAWOUT CIRCUIT BREAKER ELECTRICALLY/ OPERATED
	SWITCH
	AUTOMATIC OR MANUAL TRANSFER SWITCH
	FUSE
	TRANSFORMER
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	LIGHTNING ARRESTOR
X	PANELBOARD "X" INDICATES PANELBOARD NAME
	GROUND
	STRESS CONE TERMINATION
K	KEY INTERLOCK
G	ENGINE GENERATOR
	UTILITY METER
EMU	ELECTRONIC METERING UNIT
A	AMMETER
V	VOLTMETER
AS	AMMETER SWITCH
VS	VOLTMETER SWITCH
SPD	SURGE PROTECTIVE DEVICE
CR	CONTROL RELAY
PRM	PHASE ROTATION MONITOR
	CAMLOK - MALE
	CAMLOK - FEMALE
TDR	TIME DELAY RELAY
	THERMAL OVERLOAD RELAY
	NORMALLY OPEN CONTACTS
	NORMALLY CLOSED CONTACTS
	N.O. PUSH BUTTON SINGLE CIRCUIT
	N.C. PUSH BUTTON SINGLE CIRCUIT
X-X	CABLE VAULT "X-X" INDICATES TYPE

SYMBOL	DESCRIPTION
F	MANUAL FIRE ALARM BOX
SD	SMOKE DETECTOR
DD	DUCT SMOKE DETECTOR
CO	CARBON MONOXIDE DETECTOR
RT	REMOTE TEST STATION (FOR DUCT DETECTOR)
HD	HEAT DETECTOR
BD	PROJECTED BEAM DETECTOR
F	FIRE ALARM BELL
F	FIRE ALARM AUDIBLE NOTIFICATION APPLIANCE
XX	FIRE ALARM VISUAL NOTIFICATION APPLIANCE "XX" INDICATES CANDELA RATING IF NO RATING SHOWN, APPLIANCE IS 15cd
XX	FIRE ALARM COMBINATION VISUAL/ AUDIBLE "XX" INDICATES CANDELA RATING IF NO RATING SHOWN, APPLIANCE IS 15cd
F XX	FIRE ALARM COMBINATION VISUAL/ AUDIBLE NOTIFICATION APPLIANCE - CEILING MOUNTED "XX" INDICATES CANDELA RATING IF NO RATING SHOWN, APPLIANCE IS 15cd
XX	FIRE ALARM VISUAL NOTIFICATION APPLIANCE CEILING MOUNTED "XX" INDICATES CANDELA RATING IF NO RATING SHOWN, APPLIANCE IS 15cd
F	FIRE ALARM AUDIBLE NOTIFICATION APPLIANCE - CEILING MOUNTED
F	FIREFIGHTERS PHONE JACK
FACP	FIRE ALARM CONTROL PANEL
FAA	FIRE ALARM ANNUNCIATOR PANEL
NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
MM	ADDRESSABLE MONITORING MODULE
CM	ADDRESSABLE CONTROL MODULE
TS	ADDRESSABLE MONITORING MODULE FOR TAMPER SWITCH
FS	ADDRESSABLE MONITORING MODULE FOR FLOW SWITCH
DR	MAGNETIC DOOR RELEASE
	BRANCH CIRCUIT PANEL BOARD
	LOAD CENTER
	MOTOR CONTROL CENTER
T	TRANSFORMER
	DISTRIBUTION EQUIPMENT
GB	ELECTRICAL GROUNDING BUS BAR
PB	PLUG IN BUSWAY
FB	FEEDER BUSWAY
12x4	CABLE TRAY - ALL SIZES IN INCHES

STANDARD MOUNTING HEIGHTS



ELECTRICAL DRAWING INDEX

SHEET NO.	SHEET TITLE
E0.1	ELECTRICAL STANDARDS AND DRAWING INDEX
E0.2	ELECTRICAL STANDARD SCHEDULES
E0.3	ELECTRICAL SITE DEMOLITION PLAN
E0.4	ELECTRICAL SITE NEW WORK PLAN
E0.5	ENLARGED ELECTRICAL SITE NEW WORK PLAN
E0.6	FIRST LEVEL ELECTRICAL COMPOSITE PLAN
E0.7	SECOND LEVEL ELECTRICAL COMPOSITE PLAN
ED1.1C	FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'C'
ED1.1F	FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'F'
ED1.1G	FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'G'
ED1.2A	SECOND LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'A'
ED1.2C	SECOND LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'C'
E2.1C	FIRST LEVEL LIGHTING PLAN - ZONE 'C'
E2.1F	FIRST LEVEL LIGHTING PLAN - ZONE 'F'
E2.2A	SECOND LEVEL LIGHTING PLAN - ZONE 'A'
E2.2C	SECOND LEVEL LIGHTING PLAN - ZONE 'C'
E3.1C	FIRST LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'C'
E3.1F	FIRST LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'F'
E3.2A	SECOND LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'A'
E3.2C	SECOND LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'C'
E3.3A	ROOF ELECTRICAL PLAN - ZONE 'A'
E5.1	ONE LINE DIAGRAM
E5.2	PANEL SCHEDULES
E7.1	ELECTRICAL DETAILS AND DIAGRAMS
E7.2	ELECTRICAL DETAILS AND DIAGRAMS
E7.3	ELECTRICAL DETAILS AND DIAGRAMS
E7.4	LIGHTING SCHEDULES

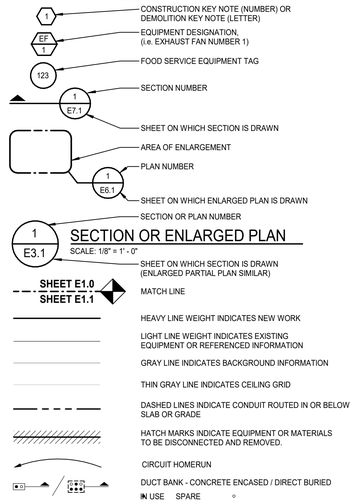
ELECTRICAL ABBREVIATION LIST

ABBREVIATION	DESCRIPTION
A	AMPERES
AER	ARC ENERGY REDUCTION
AF	AMPERES FRAME (BREAKER RATING)
AFCI	ARC FAULT CIRCUIT INTERRUPTER
A.F.F.	ABOVE FINISH FLOOR
AIC	AMPS INTERRUPTING CAPACITY
AL	AUDIENCE LEFT
ALCR	AUTOMATIC LOAD CONTROL RELAY
AR	AUDIENCE RIGHT
AT	AMPERES TRIP (BREAKER SETTING)
ATS	AUTOMATIC TRANSFER SWITCH
AUX	AUXILIARY
BCELTS	BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH
BKR	BREAKER
BPS	BOLTED PRESSURE SWITCH
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
DEMO	DEMOLITION
DIM	DIMENSION
DISC	DISCONNECT
DP	DISTRIBUTION PANEL
DS	DOWNSTAGE
DWG	DRAWING
EBU	EMERGENCY BATTERY UNIT
EC	ELECTRICAL CONTRACTOR
ECM	ELECTRONICALLY COMMUTATED MOTOR
ELEC	ELECTRICAL
EM/ EMERG	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EO	ELECTRICALLY OPERATED
EPO	EMERGENCY POWER OFF
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
FA	FIRE ALARM
FLA	FULL LOAD AMPS
FLR	FLOOR
FOH	FRONT OF HOUSE
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR
FU	FUSE
G/GRD/EG	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
HOA	HAND-OFF-AUTO
HP	HORSEPOWER
HV	HIGH VOLTAGE
HZ	HERTZ
IG	ISOLATED GROUND

ABBREVIATION	DESCRIPTION
JB	JUNCTION BOX
KA	THOUSAND AMP
KV	KILOVOLT
KVA	KILOVOLT - AMPERES
KW	KILOWATT
KWH	KILOWATT - HOURS
LA	LIGHTING ARRESTOR
LP	LIGHTING PANEL
LDP	LIGHTING DISTRIBUTION PANEL
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MOP	MAXIMUM OVERCURRENT PROTECTION
MTD	MOUNTED
MTG	MOUNTING
MTR	MOTOR
N	NEUTRAL
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NF	NON-FUSIBLE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED

ABBREVIATION	DESCRIPTION
P	POLE
PB	PUSHBUTTON STATION
PH	PHASE
PT	POTENTIAL TRANSFORMER
PDP	POWER DISTRIBUTION PANEL
RECEPT.	RECEPTACLE
RDP	RECEPTACLE DISTRIBUTION PANEL
RP	RECEPTACLE PANEL
RSC	RIGID STEEL CONDUIT
SCCR	SHORT CIRCUIT CURRENT RATING
SCHED	SCHEDULE
SPD	SURGE PROTECTION DEVICE
ST	SHUNT TRIP
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TB	TERMINAL BOX
TELECOM	TELECOMMUNICATIONS
TR	TAMPER RESISTANT
TTP	TELEPHONE TERMINAL BACKBOARD
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
UVR	UNDERVOLTAGE RELAY
US	UPSTAGE
V	VOLTS
W	WIRE OR WATTS
WAP	WIRELESS ACCESS POINT
WG	WIRE GUARD
WP	WEATHERPROOF
WR	WEATHER RESISTANT
XFMR	TRANSFORMER
XP	EXPLOSION PROOF
(E)	EXISTING
(R)	RELOCATED

STANDARD METHODS OF NOTATION



TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ELECTRICAL STANDARDS AND DRAWING INDEX

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

25026D

DRAWING NO.

E0.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:45:42 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

DRY TYPE DISTRIBUTION TRANSFORMER CIRCUIT SIZING SCHEDULE

TRANSFORMER KVA	PRIMARY (480V) OVERCURRENT PROTECTION	SECONDARY (208Y/120 VOLT) OVERCURRENT PROTECTION	CONDUCTOR SIZE (AWG OR KCMIL) PHASE & NEUTRAL COPPER	PHASE & NEUTRAL ALUMINUM	SUPPLY SIDE BONDING JUMPER COPPER	SUPPLY SIDE BONDING JUMPER ALUMINUM	CONDUIT (4W + SSBJ) COPPER	CONDUIT (4W + SSBJ) ALUMINUM	GROUNDING ELECTRODE CONDUCTOR COPPER	GROUNDING ELECTRODE CONDUCTOR ALUMINUM	KEYED NOTES
9	20A	30A	10	NA	8	NA	3/4"	NA	8	NA	
15	25A	60A	6	NA	8	NA	1"	NA	8	NA	1
30	45A	100A	3	1	8	6	1 1/4"	1 1/2"	8	6	1
45	70A	175A	2/0	4/0	4	2	2"	2 1/2"	4	2	
75	125A	300A/225A	350 / 4/0	500 / 300	2	1/0	3"	3 1/2"	2	1/0	2
112 1/2	175A	400A	600	2-250	1/0	2	3 1/2"	2-2 1/2"	1/0	1/0	
150	225A	600A	2-350	2-500	2-2	2-1/0	2-3"	2-3 1/2"	2/0	4/0	
225	350A	800A	2-600	3-400	2-1/0	3-1/0	2-3 1/2"	3-3"	3/0	4/0	
300	500A	1200A	3-600	4-500	3-1/0	4-1/0	3-3 1/2"	4-3 1/2"	3/0	250	
500	800A	1600A	4-600	5-600	4-1/0	5-3/0	4-3 1/2"	5-3 1/2"	3/0	250	

GENERAL NOTES:
1. TRANSFORMERS AND FEEDERS ARE BASED ON 480 VOLT, 3 PHASE, 3 WIRE PRIMARY AND 208Y/120 VOLT, 3 PHASE, 4 WIRE, SECONDARY.
2. ALUMINUM CONDUCTORS ARE PERMITTED ONLY IF INCLUDED IN FEEDER AND BRANCH CIRCUIT SIZING SCHEDULE.
3. PRIMARY OVERCURRENT PROTECTION IS SIZED AT 125% OF TRANSFORMER FULL LOAD CURRENT. PROVIDE PRIMARY OVERCURRENT DEVICE SELECTION TO ALLOW TRANSFORMER IN-RUSH CURRENT AND PROTECT BASED ON THE ANSI DAMAGE CURVE. IF MANUFACTURER REQUIRES PRIMARY OVERCURRENT GREATER THAN 125% (NOT TO EXCEED 250%) THEN PRIMARY FEEDER SHALL BE INCREASED ACCORDINGLY.
4. SECONDARY CONDUCTOR BASED ON TEN FOOT MAXIMUM LENGTH (NEC 240.21(C)(2)). IF CONDUCTORS ARE LONGER THAN TEN FOOT, REQUIREMENTS IN NEC 240.21(C)(6) MUST BE MET. IN NO CASE SHALL CONDUCTORS BE LONGER THAN TWENTY-FIVE FEET.

KEYED NOTES:
1. CONDUCTORS ARE BASED ON 90°C, 600V. INSULATED WIRE APPLIED AT 75°C FOR TERMINATION RATED 60/75°C OR 75°C.
2. THE SMALLER SIZE IS TO BE USED TO FEED 225A PANELBOARDS.

BRANCH CIRCUIT VOLTAGE DROP WIRING SCHEDULE FOR SINGLE PHASE CIRCUITS

BRANCH CIRCUIT RATING (A)	WIRE SIZE (AWG)	MAXIMUM BRANCH CIRCUIT LENGTH (IN FEET) 120V	208V	240V	277V	480V
20A	12	83	143	165	191	331
20A	10	128	222	256	295	511
20A	8	201	348	402	464	804
20A	6	313	542	625	721	1250
30A	10	85	148	170	197	341
30A	8	134	232	268	309	536
30A	6	208	361	417	481	833
30A	4	313	542	625	721	1250

GENERAL NOTES:
1. THE ABOVE TABLE VALUES ARE BASED ON COPPER CONDUCTORS, IN STEEL CONDUIT, WITH A LOAD POWER FACTOR OF 0.85 PER NEC CHAPTER 9, TABLE 9.
2. PROVIDE BRANCH CIRCUIT CONDUCTORS AS INDICATED IN THE TABLE ABOVE FOR ALL LIGHTING AND RECEPTACLE BRANCH CIRCUITS. WHERE BRANCH CIRCUITS SERVE DEDICATED EQUIPMENT, THE CONTRACTOR MAY PERFORM VOLTAGE DROP CALCULATIONS BASED ON ACTUAL EQUIPMENT CONNECTED LOAD AND PROVIDE CONDUCTORS APPROPRIATELY SIZED TO LIMIT VOLTAGE DROP TO A MAXIMUM OF 3%.
3. CONDUCTOR SIZES ARE BASED ON MAXIMUM OF 9 CURRENT CARRYING CONDUCTORS IN A SINGLE CONDUIT.
4. LIMITS FOR CONDUCTOR LENGTHS SHOWN ARE BASED ON A MAXIMUM BRANCH CIRCUIT LOADING OF 64% OF THE BRANCH BREAKER RATING AND A MAXIMUM OF 3 PERCENT VOLTAGE DROP TO COMPLY WITH ASHRAE 90.1 AND THE NEC. FOR CIRCUITS LOADED GREATER THAN 64% OF BRANCH BREAKER RATING, THE CONTRACTOR SHALL PROVIDE CONDUCTORS APPROPRIATELY SIZED TO LIMIT VOLTAGE DROP TO 3%.

FLOOR SERVICE FITTING SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER (SEE NOTE #2)	MODEL	DEVICE CONFIGURATION	FLANGE/COVER MATERIAL & COLOR	SERVICE PLATE TYPE	MINIMUM DEPTH	MAXIMUM CONDUIT
FB2	POWER TWO GANG, MULTI SERVICE, STAMPED STEEL WITH SPECIAL FINISH FOR SLAB ON GRADE APPLICATION. RECESSED FLOOR BOX. 1 HARDWIRE POWER FEED, PARTITION FEED COVER.	WIREMOLD	RFB2-OG	HARDWIRE	GY	PF	2 1/2"	1 1/4"
FB4	POWER FOUR GANG, MULTI SERVICE, STAMPED STEEL FOR ABOVE GRADE APPLICATIONS. RECESSED FLOOR BOX. 4 DUPLEX RECEPTACLES, CARPET/TILE INSERT COVER	WIREMOLD	RFB4E-OG	4D	BK	PF	3 1/2"	2"

GENERAL NOTES:
1. PROVIDE 1 1/4"C. FROM EACH TELECOM FLOOR BOX (GANG) TO ACCESSIBLE LOCATION IN CEILING.
2. OTHER ACCEPTABLE MANUFACTURERS ARE STEEL CITY, OR HUBBELL-RACO .
3. ALL PRODUCTS IN THIS SCHEDULE SHALL MEET AND EXCEED THE UL514A or UL514C SCRUB WATER EXCLUSION REQUIREMENT.
4. COORDINATE ALL TELECOM AND A/V OUTLETS WITH COMMUNICATIONS AND A/V CONTRACTORS.

ABBREVIATIONS:
PF = PARTITION FEED
D = DUPLEX RECEPTACLE
T = 2 TELECOM OPENINGS
BS = BRASS
AL = ALUMINUM
BK = BLACK
GY = GRAY (CONCRETE)
BZ = BRONZE
NK = NICKEL
RF = RECTANGULAR FLIP COVER
RFC = RECTANGULAR FLIP COVER WITH CUTOUT FOR CARPET/TILE INSERT
CF = ROUND FLIP COVER
RPF = RECTANGULAR FURNITURE FEED COVER
CPF = ROUND FURNITURE FEED COVER

POKE-THROUGH ASSEMBLY SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER (SEE NOTE #2)	MODEL	DEVICE CONFIGURATION	BOTTOM HOUSING	FLANGE/COVER MATERIAL & COLOR	SERVICE PLATE TYPE	MINIMUM DEPTH	MAXIMUM CONDUIT	CORE SIZE MIN/MAX
	MULTIFUNCTION RECESSED POKE-THROUGH DEVICE WITH 1 DUPLEX OUTLET, 1 TELECOM OUTLET, AND 1 CONFIGURABLE GANG FOR A/V	WIREMOLD	6AT	1D / 1T / AV	3 /4" C FOR POWER, 3/4"C FOR DATA, 1 1/4"C FOR A/V	COLOR SELECTED BY ARCHITECT	SL / FC	N/A	2"	6 1/16" / 6 1/8"

GENERAL NOTES:
1. PROVIDE 1 1/4"C. FROM EACH TELECOM FLOOR BOX (GANG) TO ACCESSIBLE LOCATION IN CEILING.
2. OTHER ACCEPTABLE MANUFACTURERS ARE STEEL CITY, OR HUBBELL-RACO .
3. ALL PRODUCTS IN THIS SCHEDULE SHALL MEET AND EXCEED THE UL514A or UL514C SCRUB WATER EXCLUSION REQUIREMENT.
4. COORDINATE ALL TELECOM AND A/V OUTLETS WITH COMMUNICATIONS AND A/V CONTRACTORS.

ABBREVIATIONS:
PF = PARTITION FEED
D = DUPLEX RECEPTACLE
T = 2 TELECOM OPENINGS
BS = BRASS
AL = ALUMINUM
BK = BLACK
GY = GRAY (CONCRETE)
BZ = BRONZE
NK = NICKEL
RF = RECTANGULAR FLIP COVER
RFC = RECTANGULAR FLIP COVER WITH CUTOUT FOR CARPET/TILE INSERT
CF = ROUND FLIP COVER
RPF = RECTANGULAR FURNITURE FEED COVER
CPF = ROUND FURNITURE FEED COVER

DTE LIGHTING INCENTIVES PROGRAM:

THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MEETING ALL REQUIREMENTS FOR THE OWNER TO PARTICIPATE IN THE CURRENT DTE ENERGY SAVINGS PROGRAM. ITEMS THAT WILL BE REQUIRED, BUT NOT LIMITED TO, ARE AS FOLLOWS:

1. ON BEHALF OF THE OWNER, REFER TO CURRENT DTE ENERGY PROGRAM APPLICATION FOR REQUIREMENTS. PROVIDE ALL REQUIRED INFORMATION FOR SUBMISSION OF A RESERVE APPLICATION. REFER TO DTE ENERGY PROGRAM APPLICATION AT https://tradeally.efficiencynavigator.com.
2. CONTRACTOR BUSINESS INFORMATION.
3. LIGHTING INCENTIVES WORKSHEET.
4. TYPE OF FIXTURES REMOVED, WATTAGE AND LAMP SIZE.
5. EASY TO READ ITEMIZED INVOICES WITH PART NUMBERS OF ALL LED LIGHT FIXTURES, AND CONTROLS.
6. MANUFACTURERS CUT SHEETS WITH HIGHLIGHTED FIGURES, TYPES OF LED FIXTURES, DRIVERS, AND CONTROLS, ETC. AS REQUIRED BY DTE.
7. MEASURES ARE COMPLETELY INSTALLED WITH 90 DAYS OF PROJECT APPROVAL.

IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO CONTACT DTE'S ENERGY SAVINGS TEAM OR ASSIGNED REPRESENTATIVE IF A PROJECT IS DELAYED, OR SUBSTANTIALLY CHANGED.

THE ELECTRICAL CONTRACTOR SHALL WORK WITH AND COORDINATE WITH THE OWNER FOR THE RESERVATION PROCESS PRIOR TO SITE WORK BEING CONDUCTED AND POST REVIEW INSPECTION FOR REMOVAL AND INSTALLATION OF ALL EQUIPMENT RELATED TO THE INCENTIVE PROGRAM.

NOTE: SOME SYMBOLS AND ABBREVIATIONS SHOWN MAY NOT APPLY TO THIS PROJECT

SPECIAL RECEPTACLES

TYPE	DESCRIPTION
Type 10	208V, 50A, SINGLE PHASE, 2 POLE, 3 WIRE (NEMA 6-50R)

MOTOR CIRCUIT SIZING SCHEDULE (208V, 3 PHASE)

MOTOR HP	SWITCH/FUSE	CIRCUIT BREAKER	STARTER SIZE/TYPE	MOTOR DISCONNECT (NOTE 3)
1/2	30/6A	15A	1	30A
3/4	30/6A	15A	1	30A
1	30/10A	15A	1	30A
1 1/2	30/10A	15A	1	30A
2	30/10A	15A	1	30A
3	30/20A	20A	1	30A
5	30/25A	35A	1	30A
7 1/2	60/40A	50A	1	60A
10	60/50A	60A	2	60A
15	60/60A	90A	3	60A
20	100/90A	100A	3	100A
25	100/100A	110A	3	100A
30	200/125A	125A	4	200A
40	200/175A	175A	4	200A
50	200/200A	200A	5	200A
60	400/250A	250A	5	400A
75	400/300A	300A	5	400A
100	400/400A	400A	6	400A
125	600/500A	600A	6	600A
150	600/600A	600A	6	600A

GENERAL NOTES:
1. BASED ON MOTOR FULL LOAD AMPERES AS PROVIDED BY THE NEC
2. BASED ON MOTOR RUNNING OVERLOAD PROTECTIONS PROVIDED BY THERMAL OVERLOAD RELAYS.
3. WHERE THE STARTER IS LOCATED REMOTE FROM THE MOTOR, PROVIDE DISCONNECT LOCATED AT THE MOTOR, SIZE AS INDICATED.

MOTOR CIRCUIT SIZING SCHEDULE (480V, 3 PHASE)

MOTOR HP	SWITCH/FUSE	CIRCUIT BREAKER	STARTER SIZE/TYPE	MOTOR DISCONNECT (NOTE 3)
1/2	30/3A	15A	1	30A
3/4	30/3A	15A	1	30A
1	30/6A	15A	1	30A
1 1/2	30/6A	15A	1	30A
2	30/6A	15A	1	30A
3	30/10A	15A	1	30A
5	30/15A	15A	1	30A
7 1/2	30/20A	20A	1	30A
10	30/20A	25A	1	30A
15	30/30A	40A	2	30A
20	60/40A	60A	2	60A
25	60/50A	70A	2	60A
30	60/60A	80A	3	60A
40	100/80A	90A	3	100A
50	100/100A	100A	3	100A
60	200/125A	125A	4	200A
75	200/150A	150A	4	200A
100	200/200A	200A	4	200A
125	200/200A	225A	5	200A
150	400/250A	250A	5	400A
200	400/350A	350A	5	400A

GENERAL NOTES:
1. BASED ON MOTOR FULL LOAD AMPERES AS PROVIDED BY THE NEC
2. BASED ON MOTOR RUNNING OVERLOAD PROTECTIONS PROVIDED BY THERMAL OVERLOAD RELAYS.
3. WHERE THE STARTER IS LOCATED REMOTE FROM THE MOTOR, PROVIDE DISCONNECT LOCATED AT THE MOTOR, SIZE AS INDICATED.

RACEWAY / CONDUCTOR / CABLE APPLICATION SCHEDULE

	WIRE: COPPER, TYPE THHN/THWN-2	WIRE: COPPER, TYPE XHHW-2	WIRE: ALUMINUM, TYPE XHHW-2 (100A AND ABOVE ONLY)	RACEWAY: ELECTRICAL METALLIC TUBING (EMT)	RACEWAY: INTERMEDIATE METAL CONDUIT (IMC)	RACEWAY: RIGID STEEL CONDUIT (RSC)	RACEWAY: PVC COATED RIGID STEEL CONDUIT	RACEWAY: PVC COATED INTERMEDIATE METAL CONDUIT	RACEWAY: RIGID NON-METALLIC CONDUIT (RNC) TYPE EPC-40	RACEWAY: RIGID NON-METALLIC CONDUIT (RNC) TYPE EPC-80	RACEWAY: HIGH DENSITY POLYETHYLENE (HDPE) SCHEDULE 40	RACEWAY: HIGH DENSITY POLYETHYLENE (HDPE) SCHEDULE 80	RACEWAY: REINFORCED THERMOSET RESIN CONDUIT (RTRC) TYPE AG	RACEWAY: REINFORCED THERMOSET RESIN CONDUIT (RTRC) TYPE BG	RACEWAY: FLEXIBLE METAL CONDUIT (FMC)	RACEWAY: LIQUID TIGHT FLEXIBLE METAL CONDUIT (LFMC)	RACEWAY: SURFACE RACEWAY	RACEWAY: CABLE TRAY	CABLE/CORD: METAL CLAD TYPE CABLE WITH INSULATED GROUND WIRE (TYPE MC)	CABLE/CORD: PVC JACKETED METAL CLAD TYPE CABLE WITH INSULATED GROUND WIRE (TYPE MC)	CABLE/CORD: TWO HOUR FIRE RATED MINERAL INSULATED CABLE (TYPE MI) (KEYED NOTE 3)	CABLE/CORD: TWO HOUR FIRE RATED CABLE (RHH-2) (KEYED NOTE 3)	CABLE/CORD: TWO HOUR RATED MC POWER CABLE (KEYED NOTE 3)	CABLE/CORD: VFC CABLE	CABLE/CORD: TRAY CABLE (TYPE TC)	CABLE/CORD: TRAY CABLE EXPOSED RUNS (TYPE TC-ER)	CABLE/CORD: POWER LIMITED CABLE	CABLE/CORD: FLEXIBLE CORD (LISTED FOR APPLICATION)
FEEDERS - EXTERIOR																											
EXPOSED, SURFACE MOUNTED TO STRUCTURE		X	X		X	X	X						X														
EXPOSED, WITH FREESTANDING SUPPORT		X	X		X	X	X						X														
CONCEALED IN RETAINING WALL OR SIMILAR ELEMENT		X	X			X	X		X	X																	
BELOW PARKING LOTS AND ROADWAYS		X	X				X		X		X			X													
BELOW GREEN SPACE		X	X				X		X		X			X													
WITHIN 5' OF FOUNDATION WALL		X	X			X	X																				
ROOFTOPS (WHEN APPROVED BY ENGINEER)		X	X		X	X	X																				
FEEDERS - INTERIOR																											
CONCEALED, ACCESSIBLE CEILINGS	X		X	X	X																						
CONCEALED, INACCESSIBLE CEILINGS	X		X	X	X																						
CONCEALED IN GYPSUM BOARD PARTITION WALLS	X		X	X	X																						
CONCEALED IN CMU WALLS	X		X	X	X																						
EXPOSED, BELOW 10' AFF AND SUBJECT TO DAMAGE	X		X		X	X	X																X				
EXPOSED, BELOW 10' AFF AND NOT SUBJECT TO DAMAGE	X		X	X																			X				
EXPOSED, ABOVE 10' AFF UNFINISHED SPACES	X		X	X	X																		X				
EXPOSED, FINISHED SPACES	X		X															X									
BELOW SLAB ON GRADE	X		X			X	X		X	X													X				
BRANCH CIRCUITS - EXTERIOR																											
EXPOSED, SURFACE MOUNTED TO STRUCTURE		X			X	X	X			X																	
EXPOSED, WITH FREESTANDING SUPPORT		X			X	X	X																				
CONCEALED IN RETAINING WALL OR SIMILAR ELEMENT		X				X	X		X																		
BELOW PARKING LOTS AND ROADWAYS		X				X	X		X		X																
BELOW GREEN SPACE		X					X		X																		
WITHIN 5' OF FOUNDATION WALL		X				X	X																				
ROOFTOPS (WHEN APPROVED BY ENGINEER)		X			X	X	X																				
BRANCH CIRCUITS - INTERIOR																											
CONCEALED, ACCESSIBLE CEILINGS	X		X	X																X							
CONCEALED, INACCESSIBLE CEILINGS	X		X	X																							
CONCEALED IN GYPSUM BOARD PARTITION WALLS	X		X	X											X					X							
CONCEALED IN CMU WALLS	X		X	X																							
EXPOSED, BELOW 10' AFF AND SUBJECT TO DAMAGE	X				X	X	X																				
EXPOSED, BELOW 10' AFF AND NOT SUBJECT TO DAMAGE	X			X	X													X					X				
EXPOSED, ABOVE 10' AFF UNFINISHED SPACES	X			X	X																						
EXPOSED, FINISHED SPACES	X																	X									
BELOW SLAB ON GRADE	X								X																		
EMBEDDED IN ELEVATED CONCRETE SLAB	X								X																		
DAMP AND WET LOCATIONS	X				X	X	X		X								X										
SPECIAL APPLICATIONS																											
CONNECTION BETWEEN VFC AND MOTORS (KEYED NOTE 1)																									X		
CLASS 1 CONTROL CIRCUITS	X			X	X	X																				X	X
CLASS 2 CONTROL CIRCUITS	X			X	X	X													X							X	X
CLASS 3 CONTROL CIRCUITS	X			X	X	X													X							X	X
EMERGENCY FEEDERS UNDER NEC 700.10(D) (KEYED NOTE 2)		X	X	X	X	X		X	X	X	X										X	X	X				
CONNECTIONS TO TRANSFORMERS, MOTORS AND VIBRATING EQUIPMENT		X															X										
NATATORIUMS AND POOLS, PUBLIC SPACES (KEYED NOTE 5)	X	X			X	X	X	X												X							X
ISOLATED POWER SYSTEMS (KEYED NOTE 4)		X		X	X	X																					

GENERAL NOTES:
1. TRANSITION FROM PVC/HDPE AND PROVIDE RIGID STEEL OR RTRC SWEEPS WHERE CONDUITS PENETRATE WALLS, CONCRETE SLABS, CONCRETE BASES, AND ASPHALT.
2. REFER TO SPECIFICATIONS FOR RESTRICTIONS ON MC/AC CABLE INSTALLATION.
3. EMT SHALL NOT BE USED ON THE EXTERIOR OF A BUILDING OR IN AREAS SUBJECT TO DAMAGE BELOW 10' AFF.
4. INSTALL SURFACE RACEWAYS ONLY WHERE SHOWN ON DRAWINGS.

KEYED NOTES:
1. NON-ARMORED CABLE SHALL BE INSTALLED IN RACEWAY. ARMORED CABLE SHALL BE INSTALLED IN TRAY OR FREE-AIR AS APPLICABLE.
2. EMERGENCY FEEDERS IN OCCUPANCIES THAT ARE UNDER 700.10(D) SHALL HAVE A TWO HOUR RATING. RATING SHALL BE OBTAINED BY ROUTING CONDUIT AND BUILDING WIRE IN SPRINKLERED SPACE, IN A TWO HOUR SHAFT, OUTSIDE OF THE BUILDING, IN A LISTED TWO HOUR RATED RACEWAY, OR UNDER A MINIMUM OF 2" OF CONCRETE; OR BY USING A LISTED TWO-HOUR RATED CABLE ASSEMBLY.
3. SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS BASED ON UL TESTING AND RATING.
4. PULLING LUBRICANT SHALL NOT BE USED
5. INTERMEDIATE METAL CONDUIT AND RIGID STEEL CONDUIT, INCLUDING ALL FITTINGS, BOXES AND SUPPORTS, SHALL BE TREATED WITH CORROSION RESISTANT PAINT. FLEXIBLE CORD SHALL ONLY BE USED FOR FINAL CONNECTION TO LUMINAIRES.

FEEDER AND BRANCH CIRCUIT SIZING SCHEDULE - GENERAL PURPOSE

OVERCURRENT DEVICE RATING (AMPERES)	COPPER CONDUCTORS: WIRE SIZE (AWG OR KCMIL) PHASE & NEUTRAL	WIRE SIZE (AWG OR KCMIL) GROUND	CONDUIT SIZE: SINGLE PHASE 2 WIRE+G (1PH, 1N, 1G)	SINGLE PHASE 3 WIRE+G (2PH, 1N, 1G)	THREE PHASE 3 WIRE+G (3PH, 1G)	THREE PHASE & NEUTRAL 4 WIRE+G (3PH, 1N, 1G)	KEYED NOTES	ALUMINUM CONDUCTORS: WIRE SIZE (AWG OR KCMIL) PHASE & NEUTRAL	WIRE SIZE (AWG OR KCMIL) GROUND	CONDUIT SIZE: SINGLE PHASE 3 WIRE+G (2PH, 1N, 1G)	THREE PHASE 3 WIRE+G (3PH, 1G)	THREE PHASE & NEUTRAL 4 WIRE+G (3PH, 1N, 1G)
15-20	12	12	3/4"	3/4"	3/4"	3/4"		N/A	N/A	N/A	N/A	N/A
25-30	10	10	3/4"	3/4"	3/4"	3/4"		N/A	N/A	N/A	N/A	N/A
35-40	8	10	3/4"	3/4"	3/4"	3/4"		N/A	N/A	N/A	N/A	N/A
45-50	8 (6)	10	3/4"	3/4"	3/4"	3/4"	1	N/A	N/A	N/A	N/A	N/A
60	6 (4)	10	3/4" (1")	3/4" (1")	3/4" (1")	1" (1 1/4")	1	N/A	N/A	N/A	N/A	N/A
70	4	8	1"	1 1/4"	1 1/4"	1 1/4"		N/A	N/A	N/A	N/A	N/A
80	4 (3)	8	1"	1 1/4"	1 1/4"	1 1/4"	1	N/A	N/A	N/A	N/A	N/A
90-100	3 (2)	8	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1	1	6	1 1/2"	1 1/4"	1 1/2"
110	2 (1)	6	-	1 1/4"	1 1/4"	1 1/4" (1 1/2")	1	1/0	4	1 1/2"	1 1/2"	2"
125	1 (1/0)	6	-	1 1/4" (1 1/2")	1 1/4" (1 1/2")	1 1/2"	1	2/0	4	1 1/2"	1 1/2"	2"
150	1/0	6	-	1 1/2"	1 1/2"	1 1/2"		3/0	4	2"	2"	2 1/2"
175	2/0	6	-	2"	2"	2"		4/0	4	2"	2"	2 1/2"
200	3/0	6	-	2"	2"	2 1/2"		250	4	2"	2"	3"
225	4/0	4	-	2"	2"	2 1/2"		300	2	2 1/2"	2 1/2"	3"
250	250	4	-	2 1/2"	2 1/2"	2 1/2"		350	2	2 1/2"	2 1/2"	3"
300	350	4	-	2 1/2"	2 1/2"	3"		500	2	3"	3"	3 1/2"
350	500	3	-	3"	3"	3"		2-4/0	2-1/0	2-2"	2-2"	2-2"
400	500	3	-	3"	3"	3"		2-250	2-1/0	2-2 1/2"	2-2 1/2"	2-2 1/2"
450	2-4/0	2-2	-	2-2"	2-2"	2-2 1/2"		2-300	2-1/0	2-2 1/2"	2-2 1/2"	2-3"
500	2-250	2-2	-	2-2 1/2"	2-2 1/2"	2-2 1/2"		2-350	2-1/0	2-2 1/2"	2-2 1/2"	2-3"
600	2-350	2-1	-	2-2 1/2"	2-2 1/2"	2-3"		2-500	2-2/0	2-3"	2-3"	2-3 1/2"
700	2-500	2-1/0	-	2-3"	2-3"	2-3 1/2"		2-600	2-3/0	2-3"	2-3"	2-3 1/2"
800	2-500	2-1/0	-	2-3"	2-3"	2-3 1/2"		3-400	3-3/0	3-3"	3-3"	3-3 1/2"
1000	3-400	3-2/0	-	3-3"	3-3"	3-3"		3-600	3-4/0	-	3-3 1/2"	3-3 1/2"
1200	3-600	3-3/0	-	3-3 1/2"	3-3 1/2"	3-3 1/2"		4-500	4-250	-	4-3"	4-3 1/2"
1600	4-600	4-4/0	-	4-3 1/2"	4-3 1/2"	4-3 1/2"		5-600	5-350	-	5-3 1/2"	5-4"
2000	5-600	5-250	-	5-3 1/2"	5-3 1/2"	5-3 1/2"		6-600	6-400	-	6-3 1/2"	6-4"

GENERAL NOTES:
1. CONTRACTOR TO SIZE FEEDERS AND BRANCH CIRCUITS BASED ON THIS SCHEDULE AND OVER CURRENT DEVICE SIZE, UNLESS NOTED OTHERWISE.
2. CONTRACTOR MAY COMBINE 20A CIRCUITS AS NOTED IN SPECIFICATION.
3. CONDUCTORS ARE BASED ON THHN/THWN-2 UP TO AND INCLUDING #4/0. LARGER THAN #4/0 ARE BASED ON TYPE XHHW-2.
4. CONDUIT SIZES ARE VALID FOR EMT OR RSC. CONDUIT SIZES SHALL BE ADJUSTED AS REQUIRED FOR OTHER TYPES OF CONDUIT.
5. SIZE OF DISCONNECT SWITCH LOCATED AT EQUIPMENT SHALL BE SIZED BASED UPON OVERCURRENT PROTECTION OF THAT DEVICE.
6. OBTAIN APPROVAL FROM ENGINEER PRIOR TO INSTALLING DIFFERENT SIZE/QUANTITY OF CONDUCTORS TO OBTAIN AN EQUIVALENT AMPACITY.

KEYED NOTES:
1. CONDUCTORS ARE BASED ON 90°C, 600V INSULATED WIRE APPLIED AT 75°C FOR TERMINATION RATED 60/75°C OR 75°C. FOR TERMINATION RATED AT 60°C, USE CONDUCTORS AND CONDUIT SIZES INDICATED IN PARENTHESES.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ELECTRICAL STANDARD SCHEDULES

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

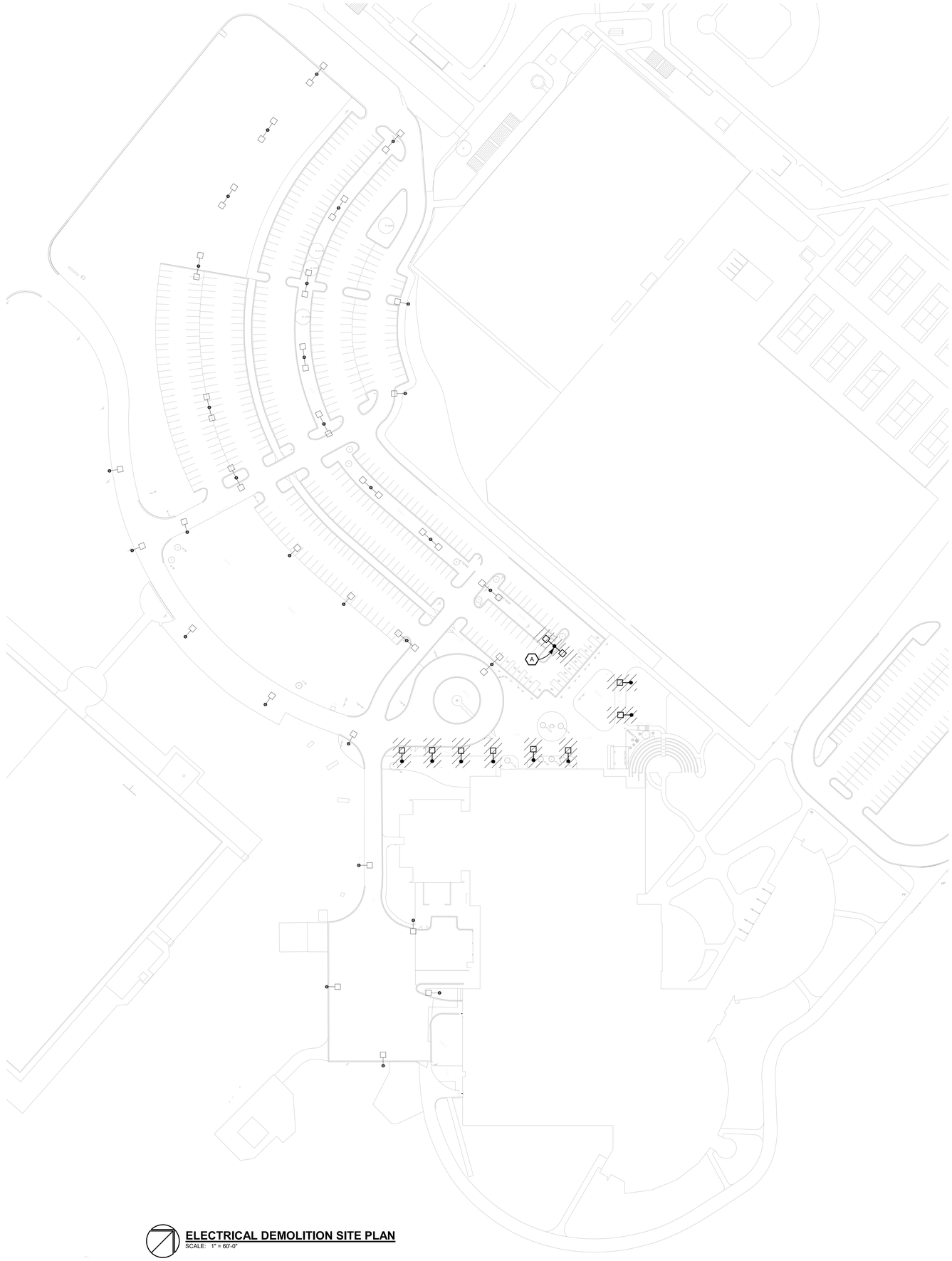
DRAWN DMN
CHECKED STP
APPROVED STP

PROJECT NO.
25026D

DRAWING NO.
E0.2

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:17:20 AM

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SITE PLAN GENERAL NOTES:

1 THESE NOTES ARE GENERIC GUIDELINES ONLY. ELECTRICAL CONTRACTOR'S PERSONNEL ON SITE SHALL BE THOROUGHLY FAMILIAR WITH THE PUBLISHED SPECIFICATIONS FOR EXACT DESCRIPTIONS OF SCOPE, METHODS, AND MATERIAL.

2 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

3 CONDUCT A SURVEY TO IDENTIFY ALL UNDERGROUND UTILITIES. CALL 811 PRIOR TO EXCAVATION.

4 UTILITIES SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY. COORDINATE EXACT LOCATION OF ALL EXISTING UTILITIES, AND ROUTING OF ALL NEW UNDERGROUND UTILITIES PRIOR TO EXCAVATION.

5 DEWATER TRENCHES PRIOR TO INSTALLATION OF CONDUITS. PROVIDE WATER TIGHT FITTINGS ON ALL UNDERGROUND CONDUITS.

6 COORDINATE DEMOLITION WORK, AND ELECTRICAL AND TELEPHONE SERVICES TO THE SITE, WITH THE RESPECTIVE LOCAL UTILITY COMPANY REPRESENTATIVES PRIOR TO COMMENCEMENT OF WORK. INCLUDE ALL ASSOCIATED COST/FEES BY THE UTILITY COMPANIES IN THE BID PRICE.

7 INSTALL UNDERGROUND CONDUITS 42" BELOW FINISHED GRADE, MINIMUM, UNLESS NOTED OTHERWISE.

8 COORDINATE SERVICE SHUT-DOWNS WITH ALL TRADES INVOLVED ON SITE AND OBTAIN WRITTEN AUTHORIZATION FROM OWNER 72 HOURS PRIOR TO ANY ELECTRICAL AND/OR TELEPHONE SHUT-DOWN.

9 REMOVE ALL DE-ENERGIZED CONDUCTORS FROM SITE AT COMPLETION OF THE PROJECT.

10 OUTDOOR LIGHTING BRANCH CIRCUIT WIRING SHALL BE MINIMUM #8 AWG CONDUCTORS (XHHW-2), IN MINIMUM 1" DIA. CONDUIT, UNLESS NOTED OTHERWISE.

11 SPARE CONDUITS SHALL INCLUDE PULL STRING AND SHALL BE TERMINATED WITH A CAP.

12 EXCAVATE THE ENTIRE LENGTH OF TRENCH TO PROPERLY SET DUCT ELEVATIONS.

(#) DEMOLITION KEY NOTES:

A REMOVE EXISTING POLE, SAVE FOR RELOCATION IN NEW WORK.

ELECTRICAL DEMOLITION SITE PLAN

SCALE: 1" = 60'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ELECTRICAL SITE DEMOLITION PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

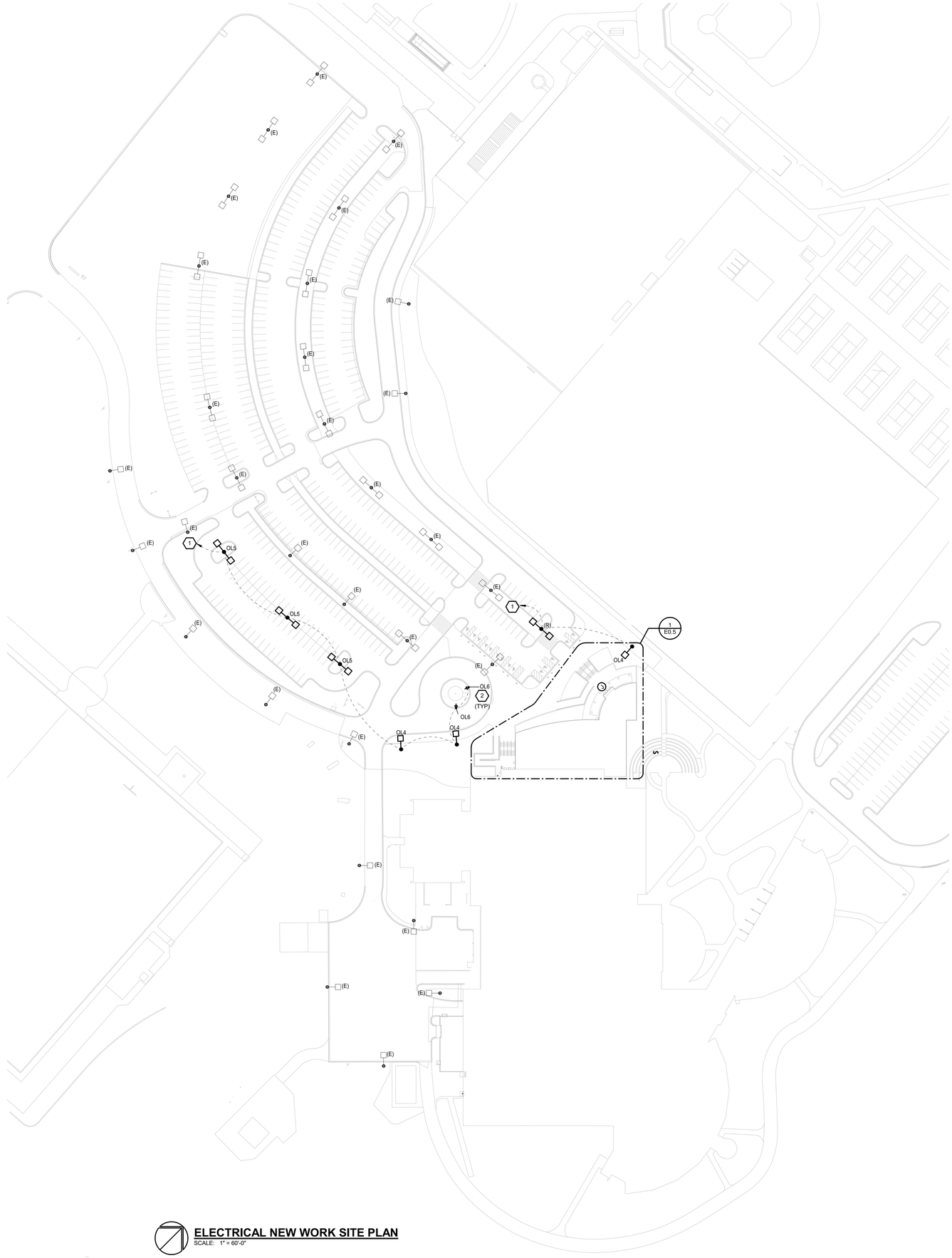
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
E0.3

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:17:21 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



ELECTRICAL NEW WORK SITE PLAN
SCALE: 1" = 60'-0"

SITE PLAN GENERAL NOTES:

1 THESE NOTES ARE GENERIC GUIDELINES ONLY. ELECTRICAL CONTRACTOR'S PERSONNEL ON SITE SHALL BE THOROUGHLY FAMILIAR WITH THE PUBLISHED SPECIFICATIONS FOR EXACT DESCRIPTIONS OF SCOPE, METHODS, AND MATERIAL.

2 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

3 CONDUCT A SURVEY TO IDENTIFY ALL UNDERGROUND UTILITIES. CALL 811 PRIOR TO EXCAVATION.

4 UTILITIES SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY. COORDINATE EXACT LOCATION OF ALL EXISTING UTILITIES, AND ROUTING OF ALL NEW UNDERGROUND UTILITIES PRIOR TO EXCAVATION.

5 DEWATER TRENCHES PRIOR TO INSTALLATION OF CONDUITS. PROVIDE WATER TIGHT FITTINGS ON ALL UNDERGROUND CONDUITS.

6 COORDINATE DEMOLITION WORK, AND ELECTRICAL AND TELEPHONE SERVICES TO THE SITE, WITH THE RESPECTIVE LOCAL UTILITY COMPANY REPRESENTATIVES PRIOR TO COMMENCEMENT OF WORK. INCLUDE ALL ASSOCIATED COST/FEES BY THE UTILITY COMPANIES IN THE BID PRICE.

7 INSTALL UNDERGROUND CONDUITS 42" BELOW FINISHED GRADE, MINIMUM, UNLESS NOTED OTHERWISE.

8 COORDINATE SERVICE SHUT-DOWNS WITH ALL TRADES INVOLVED ON SITE AND OBTAIN WRITTEN AUTHORIZATION FROM OWNER 72 HOURS PRIOR TO ANY ELECTRICAL AND/OR TELEPHONE SHUT-DOWN.

9 REMOVE ALL DE-ENERGIZED CONDUCTORS FROM SITE AT COMPLETION OF THE PROJECT.

10 OUTDOOR LIGHTING BRANCH CIRCUIT WIRING SHALL BE MINIMUM #8 AWG CONDUCTORS (XHHW-2), IN MINIMUM 1" DIA. CONDUIT, UNLESS NOTED OTHERWISE.

11 SPARE CONDUITS SHALL INCLUDE PULL STRING AND SHALL BE TERMINATED WITH A CAP.

12 EXCAVATE THE ENTIRE LENGTH OF TRENCH TO PROPERLY SET DUCT ELEVATIONS.

(#) CONSTRUCTION KEY NOTES:

1 CONNECT TO EXISTING SITE PLAN LIGHT FIXTURES AND CONTROLS.

2 MOUNT FLAG POLE LIGHT ON 6' BOLLARD. AIM AT FLAG.

3 MOUNT WALL PACK FIXTURES AT 9'-00" A.F.F OF STAIR LANDING.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ELECTRICAL SITE NEW WORK PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

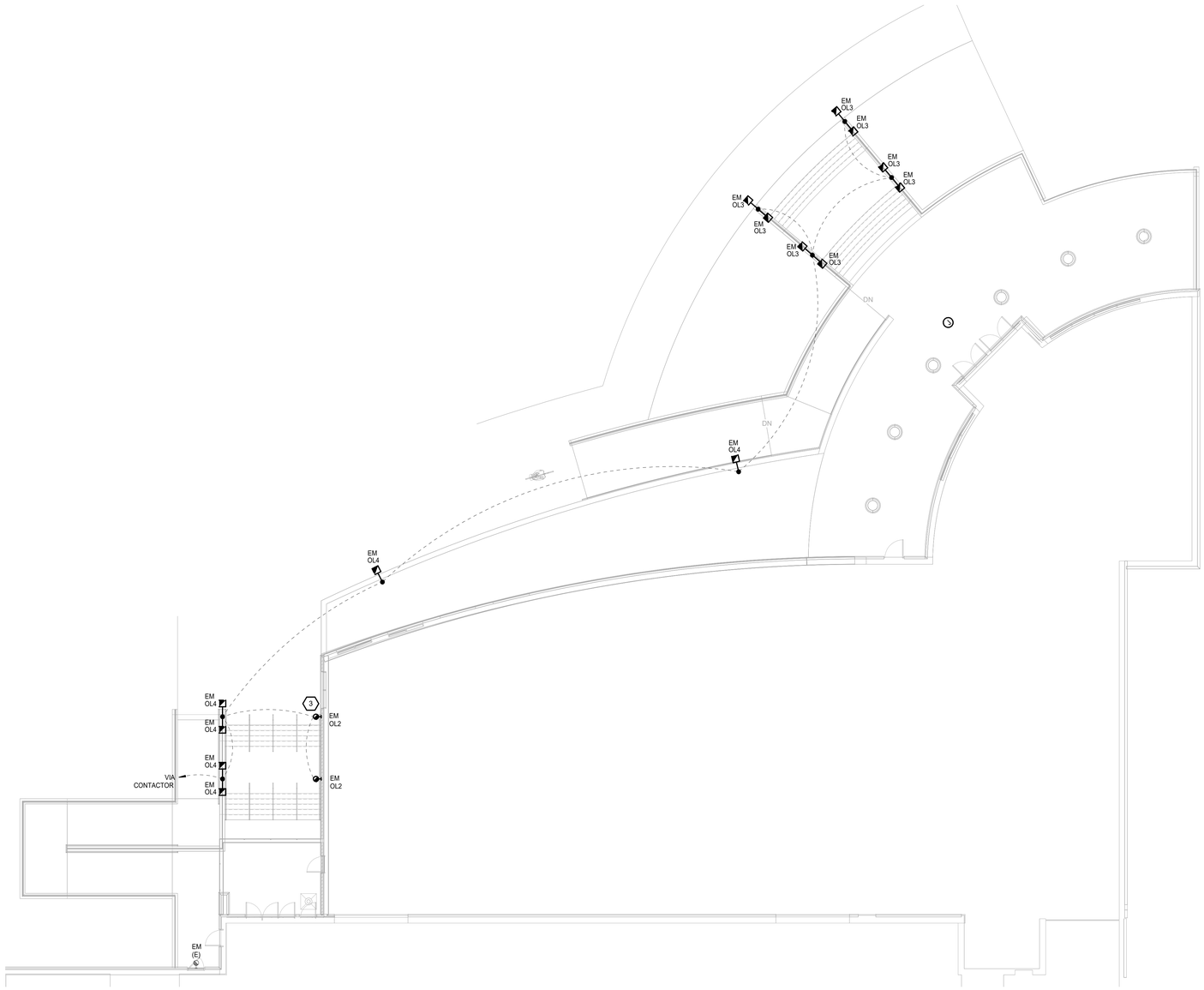
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
E0.4

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:17:22 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



1 / E0.4 **ENLARGED ELECTRICAL SITE PLAN**
SCALE: 1" = 10'-0"

SITE PLAN GENERAL NOTES:

1. THESE NOTES ARE GENERIC GUIDELINES ONLY. ELECTRICAL CONTRACTOR'S PERSONNEL ON SITE SHALL BE THOROUGHLY FAMILIAR WITH THE PUBLISHED SPECIFICATIONS FOR EXACT DESCRIPTIONS OF SCOPE, METHODS, AND MATERIAL.
2. THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.
3. CONDUCT A SURVEY TO IDENTIFY ALL UNDERGROUND UTILITIES. CALL 811 PRIOR TO EXCAVATION.
4. UTILITIES SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY. COORDINATE EXACT LOCATION OF ALL EXISTING UTILITIES, AND ROUTING OF ALL NEW UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
5. DEWATER TRENCHES PRIOR TO INSTALLATION OF CONDUITS. PROVIDE WATER TIGHT FITTINGS ON ALL UNDERGROUND CONDUITS.
6. COORDINATE DEMOLITION WORK, AND ELECTRICAL AND TELEPHONE SERVICES TO THE SITE, WITH THE RESPECTIVE LOCAL UTILITY COMPANY REPRESENTATIVES PRIOR TO COMMENCEMENT OF WORK. INCLUDE ALL ASSOCIATED COST/FEES BY THE UTILITY COMPANIES IN THE BID PRICE.
7. INSTALL UNDERGROUND CONDUITS 42" BELOW FINISHED GRADE, MINIMUM, UNLESS NOTED OTHERWISE.
8. COORDINATE SERVICE SHUT-DOWNS WITH ALL TRADES INVOLVED ON SITE AND OBTAIN WRITTEN AUTHORIZATION FROM OWNER 72 HOURS PRIOR TO ANY ELECTRICAL AND/OR TELEPHONE SHUT-DOWN.
9. REMOVE ALL DE-ENERGIZED CONDUCTORS FROM SITE AT COMPLETION OF THE PROJECT.
10. OUTDOOR LIGHTING BRANCH CIRCUIT WIRING SHALL BE MINIMUM #8 AWG CONDUCTORS (XHHW-2), IN MINIMUM 1" DIA. CONDUIT, UNLESS NOTED OTHERWISE.
11. SPARE CONDUITS SHALL INCLUDE PULL STRING AND SHALL BE TERMINATED WITH A CAP.
12. EXCAVATE THE ENTIRE LENGTH OF TRENCH TO PROPERLY SET DUCT ELEVATIONS.

(#) CONSTRUCTION KEY NOTES:

1. CONNECT TO EXISTING SITE PLAN LIGHT FIXTURES AND CONTROLS.
2. MOUNT FLAG POLE LIGHT ON 6' BOLLARD. AIM AT FLAG.
3. MOUNT WALL PACK FIXTURES AT 9'-00" A.F.F OF STAIR LANDING.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ENLARGED ELECTRICAL SITE NEW WORK PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

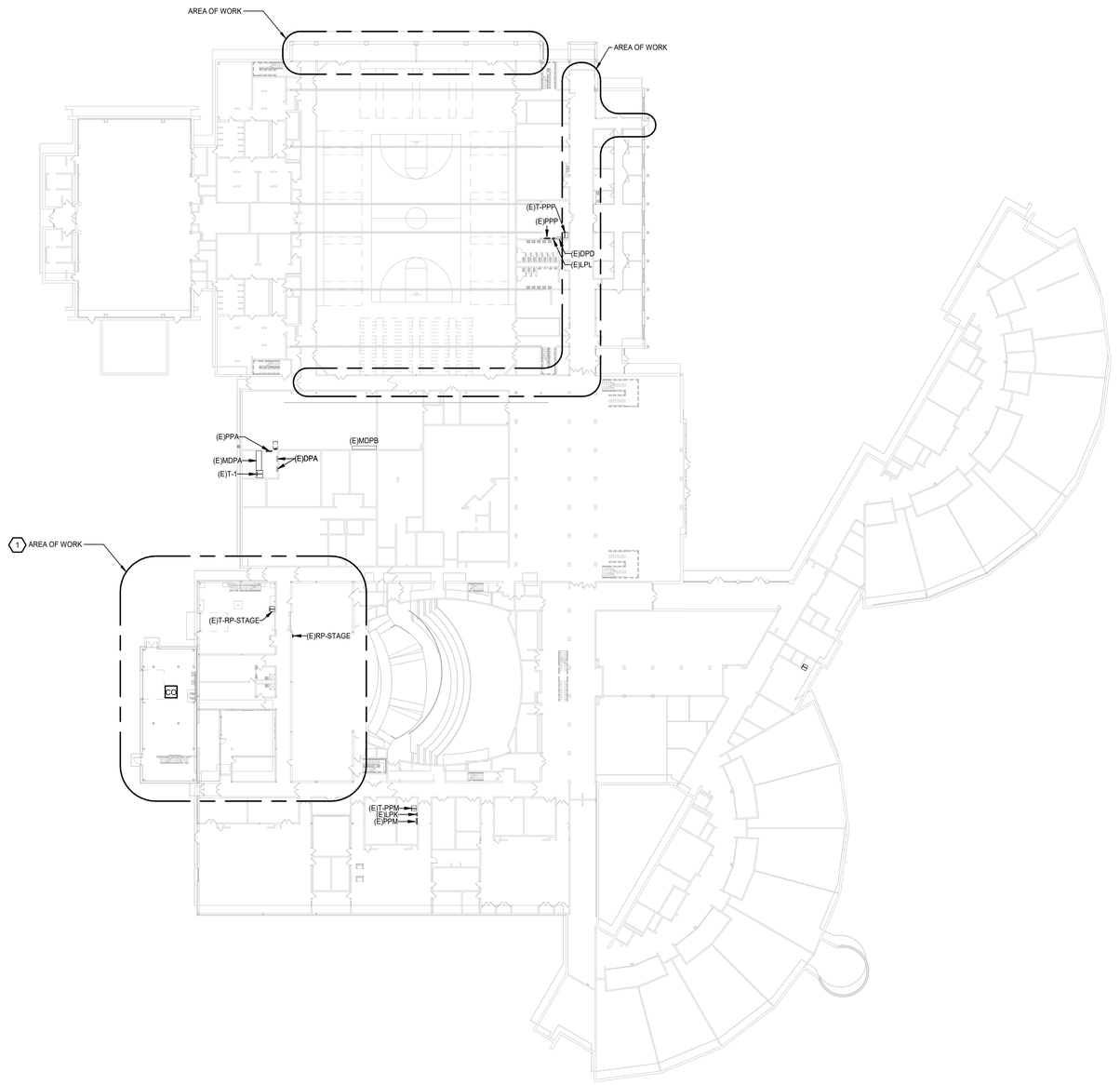
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
E0.5

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:25:29 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL ELECTRICAL COMPOSITE PLAN
SCALE: 1/32" = 1'-0"

ELECTRICAL GENERAL NOTES:

1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

4 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

5 TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

6 MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

7 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.

8 COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.

9 REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.

10 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

11 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

12 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

13 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 THE FIRE ALARM DEVICES SHOWN ON PLAN ARE A PARTIAL REPRESENTATION OF THE FIRE ALARM SYSTEM. PROVIDE THE DESIGN AND INSTALLATION OF A COMPLETE AND FUNCTIONAL FIRE ALARM SYSTEM IN ACCORDANCE WITH THE SPECIFICATIONS, DRAWINGS, AND ALL APPLICABLE CODES. THE FIRE ALARM VENDOR SHALL PROVIDE LAYOUT DRAWINGS INDICATING THE REQUIRED QUANTITIES AND LOCATIONS OF MANUAL PULL STATIONS, NOTIFICATION APPLIANCES, SMOKE AND HEAT DETECTORS, CONTROL MODULES, INTERFACE MODULES, MODULES FOR SPRINKLER FLOW AND TAMPER SWITCHES, ALL CONTROL PANELS, POWER SUPPLIES, AND ADDITIONAL DEVICES AND EQUIPMENT REQUIRED. COORDINATE LOCATIONS OF DEVICES WITH ARCHITECTURAL FINISHES AND REFLECTED CEILING PLANS, INCLUDING ADDITIONAL SMOKE AND HEAT DETECTORS REQUIRED FOR NON-SMOOTH CEILING APPLICATIONS. INCLUDE ALLOWANCES FOR ADJUSTMENT OF DEVICES BY THE ARCHITECT AT THE TIME OF SUBMITTAL TO COORDINATE WITH BUILDING FINISHES AND OTHER CEILING ELEMENTS.

2 PROVIDE (2)NEW 20A-1P CIRCUIT BREAKER IN (E)PPE IN EXISTING SPACE TO SERVE AV RECEPTACLES. PANEL MANUFACTURER IS GE 'A SERIES' PANELBOARD.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL ELECTRICAL COMPOSITE PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

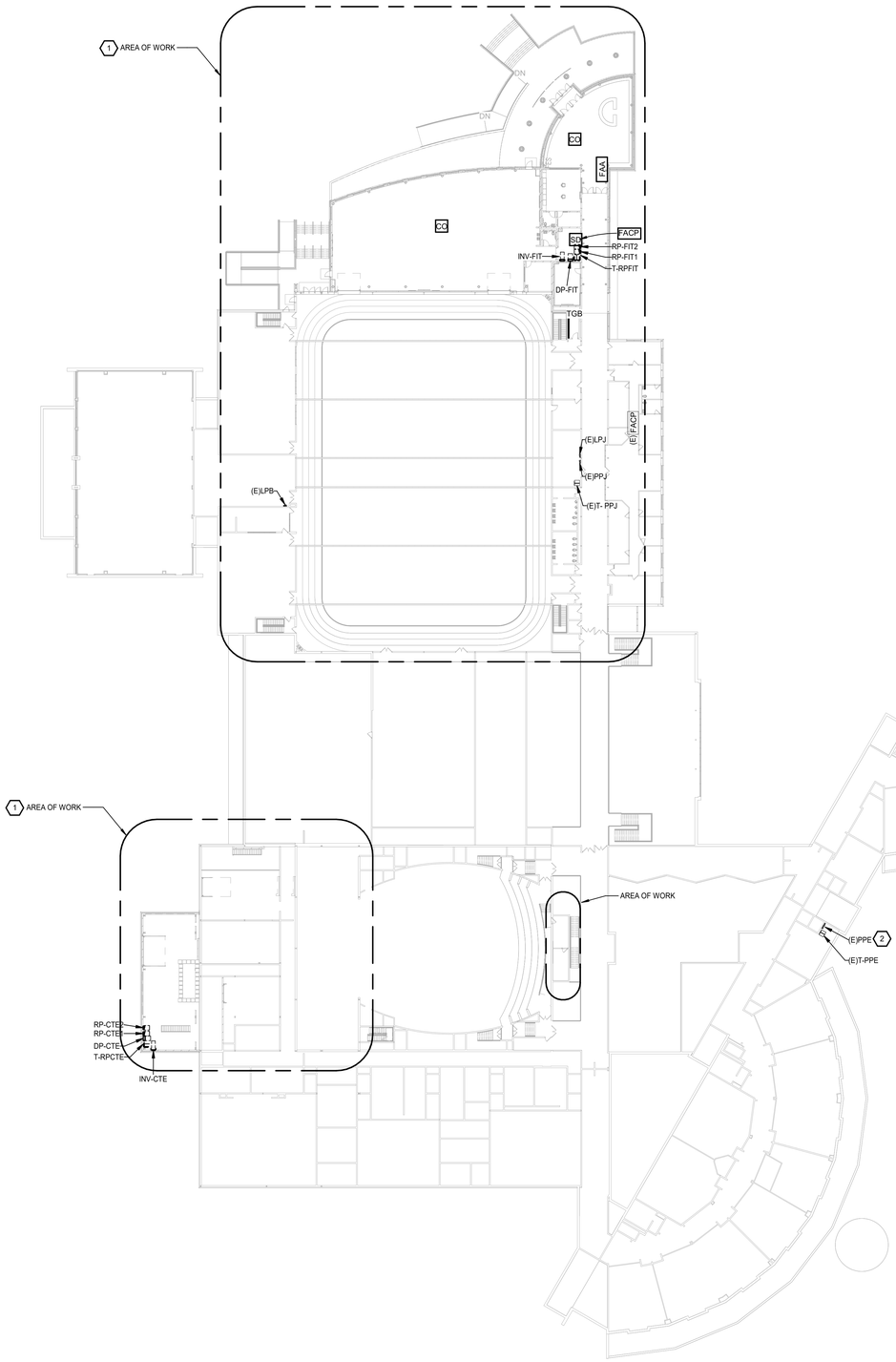
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
E0.6

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:17:28 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL ELECTRICAL COMPOSITE PLAN
SCALE: 1/32" = 1'-0"

ELECTRICAL GENERAL NOTES:

1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

4 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

5 TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

6 MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

7 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.

8 COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.

9 REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.

10 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

11 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

12 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

13 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 THE FIRE ALARM DEVICES SHOWN ON PLAN ARE A PARTIAL REPRESENTATION OF THE FIRE ALARM SYSTEM. PROVIDE THE DESIGN AND INSTALLATION OF A COMPLETE AND FUNCTIONAL FIRE ALARM SYSTEM IN ACCORDANCE WITH THE SPECIFICATIONS, DRAWINGS, AND ALL APPLICABLE CODES. THE FIRE ALARM VENDOR SHALL PROVIDE LAYOUT DRAWINGS INDICATING THE REQUIRED QUANTITIES AND LOCATIONS OF MANUAL PULL STATIONS, NOTIFICATION APPLIANCES, SMOKE AND HEAT DETECTORS, CONTROL MODULES, INTERFACE MODULES, MODULES FOR SPRINKLER FLOW AND TAMPER SWITCHES, ALL CONTROL PANELS, POWER SUPPLIES, AND ADDITIONAL DEVICES AND EQUIPMENT REQUIRED. COORDINATE LOCATIONS OF DEVICES WITH ARCHITECTURAL FINISHES AND REFLECTED CEILING PLANS, INCLUDING ADDITIONAL SMOKE AND HEAT DETECTORS REQUIRED FOR NON-SMOOTH CEILING APPLICATIONS. INCLUDE ALLOWANCES FOR ADJUSTMENT OF DEVICES BY THE ARCHITECT AT THE TIME OF SUBMITTAL TO COORDINATE WITH BUILDING FINISHES AND OTHER CEILING ELEMENTS.

2 PROVIDE (2)NEW 20A-1P CIRCUIT BREAKER IN (E)PPE IN EXISTING SPACE TO SERVE AV RECEPTACLES. PANEL MANUFACTURER IS GE 'A SERIES' PANELBOARD.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL ELECTRICAL COMPOSITE PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:

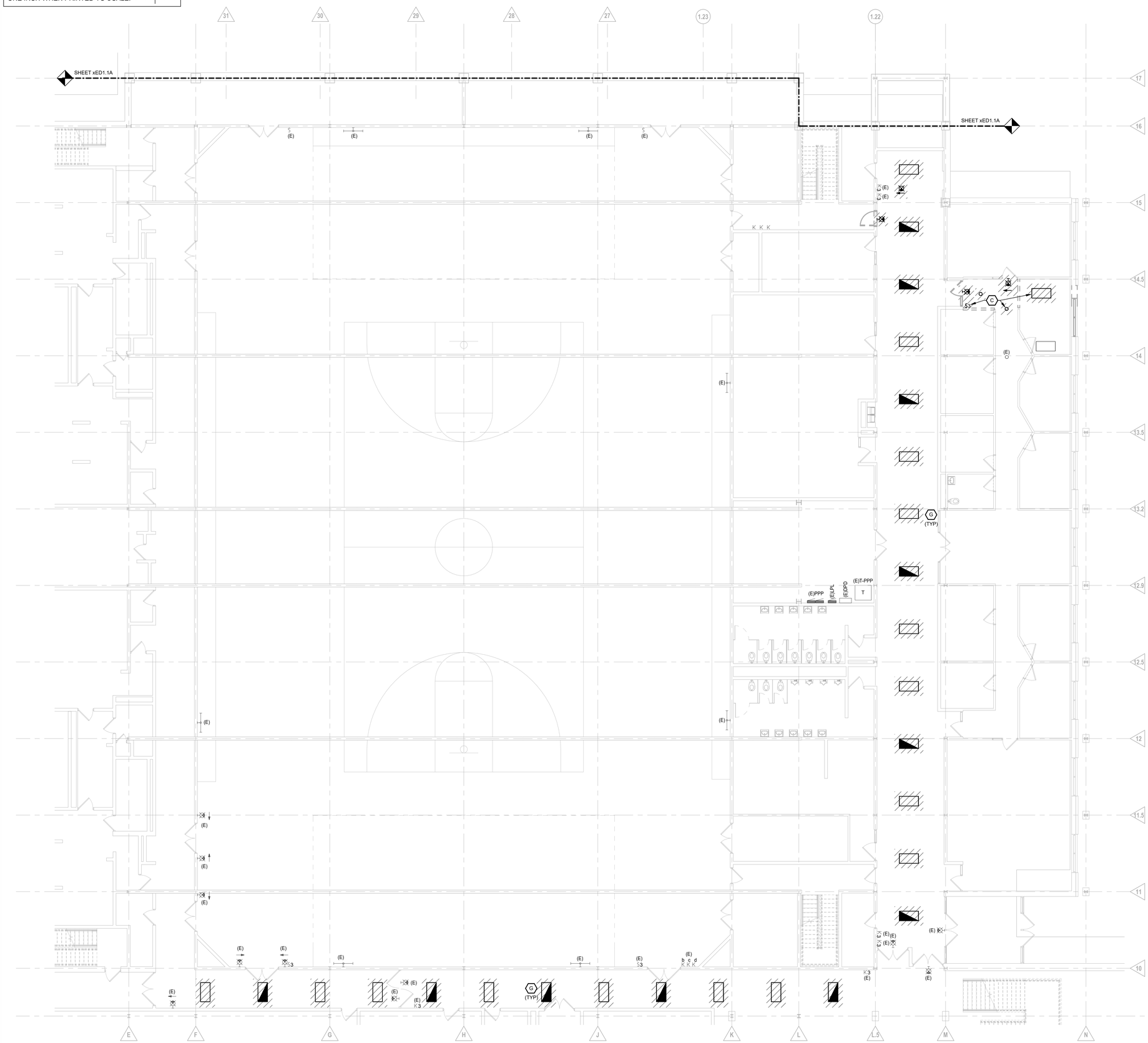
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
E0.7

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/6/2026 8:17:33 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



ELECTRICAL DEMOLITION GENERAL NOTES:

1 VISIT THE SITE PRIOR TO SUBMISSION OF BID TO EXAMINE THE EXISTING CONDITIONS AND THE EXTENT OF DEMOLITION WORK.

2 EXAMINE THE DRAWINGS OF OTHER TRADES AND BE FAMILIAR WITH THE DEMOLITION REQUIRED BY OTHER TRADES. PERFORM ALL INCIDENTAL ELECTRICAL DEMOLITION AND/OR RELOCATION REQUIRED TO FACILITATE THE DEMOLITION WORK OF OTHER TRADES, WHETHER OR NOT SPECIFICALLY INDICATED.

3 REMOVE EQUIPMENT OR MATERIALS AS INDICATED ON PLAN WITH CROSS HATCHING. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE COMPONENTS SHOWN.

4 COORDINATE WITH NEW WORK PLANS, ONE LINE DIAGRAMS AND RISER DIAGRAMS FOR EXTENT OF DEMOLITION WORK

5 PROVIDE PROPER SUPPORT FOR EXISTING TO REMAIN CONDUITS AND BOXES WHERE EXISTING SUPPORT IS TO BE REMOVED. RE-ROUTE BRANCH CIRCUIT CONDUITS AND RELOCATE JUNCTION BOXES AS REQUIRED TO FACILITATE INSTALLATION OF NEW EQUIPMENT AND SYSTEMS IN CEILING SPACES.

6 REMOVE ALL CONDUIT AND WIRE BACK TO THE SOURCE OR NEAREST UPSTREAM DEVICE REMAINING IN SERVICE.

7 MAINTAIN ELECTRICAL SERVICE TO ALL LIGHTING FIXTURES, DEVICES AND EQUIPMENT THAT ARE TO REMAIN. EXTEND CONDUIT AND WIRE AS REQUIRED WHERE DEMOLITION WORK AFFECTS ELECTRICAL SERVICE TO DOWNSTREAM LOADS THAT ARE TO REMAIN.

8 DISPOSE OF ALL MATERIALS OFF SITE AND INCLUDE ALL COSTS FOR DISPOSAL IN BID. ALL MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, INCLUDING TCLP TESTING, PROPER DISPOSAL AND/OR RECYCLING OF FLUORESCENT LAMPS.

9 PROVIDE BLANK COVER PLATES WHERE SWITCHES AND DEVICES ARE REMOVED BUT EXISTING WALLS REMAIN INTACT.

10 RING OUT AND TAG ALL CIRCUITS AFFECTED BY THIS ALTERATION AT BOTH ENDS. MARK ALL UNUSED CIRCUIT BREAKERS "SPARE".

11 PROVIDE UPDATED TYPED-IN DIRECTORIES FOR ALL PANELS AFFECTED BY THIS ALTERATION.

12 VERIFY ALL UNDERGROUND AND IN SLAB UTILITY LOCATIONS PRIOR TO SAW-CUTTING OR PENETRATING ANY FLOOR SLAB.

13 <Designer note: Use this note with caution, it is the engineers responsibility to determine the sequence of installation and indicate on the drawings>>>COORDINATE ANY SHUT DOWN OF EXISTING SERVICES AND EQUIPMENT THAT ARE REMAINING IN USE WITH THE OWNER'S REPRESENTATIVE. WHERE EXISTING BUILDING SERVICE IS REQUIRED TO BE SHUT DOWN, INCLUDE ALL ASSOCIATED OVERTIME COSTS TO PERFORM THIS WORK DURING WEEKENDS AND EVENINGS INCLUDE ALL COSTS FOR PROVIDING TEMPORARY POWER WHERE SHUT DOWNS MUST OCCUR FOR PERIODS LONGER THAN THESE HOURS. COORDINATE ELECTRICAL SHUT DOWNS WITH THE OWNER 72 HOURS PRIOR TO SHUT DOWN.

(#) DEMOLITION KEY NOTES:

A REMOVE SUSPENDED POWER PLUG STRIPS IN CEILING AND ALL ASSOCIATED WIRING.

B REMOVE ALL LIGHTING AND LIGHTING CONTROL EQUIPMENT. BRANCH CIRCUIT WIRING TO REMAIN FOR REUSE. REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES INCLUDING AND NOT LIMITED TO RECEPTACLES, SPEAKERS, FIRE ALARM, CONDUIT, ETC. REMOVE ALL DEVICES ON DEMOLISHED WALLS COMPLETE TO SOURCE.

C SALVAGE LIGHT FIXTURE/CONTROL SWITCH FOR REUSE IN NEW WORK.

D REMOVE JUNCTION BOX IN WALL AND ALL ASSOCIATED WIRING. SEAL OPENING BETWEEN ROOMS.

E REMOVE GYMNASIUM LIGHT FIXTURES FOR ONE-FOR-ONE LIGHTING REPLACEMENT. MAINTAIN BRANCH CIRCUIT FOR RE USE IN NEW WORK.

G REMOVE CORRIDOR CEILING MOUNTED LIGHT FIXTURES FOR ONE-FOR-ONE REPLACEMENT. REMOVE CEILING MOUNTED EXIT SIGNS AND CEILING MOUNTED LIGHTING CONTROL DEVICES. MAINTAIN EXISTING LIGHTING BRANCH CIRCUIT FOR RE-USE IN NEW WORK.

H REMOVE CORRIDOR WALL MOUNTED LIGHT FIXTURES AND ASSOCIATED CONDUITS AND WIRING. EXISTING BRANCH CIRCUIT TO REMAIN FOR REUSE IN NEW WORK.

I DISCONNECT & REMOVE LIGHT FIXTURES. MAINTAIN LIGHTING BRANCH CIRCUIT AND CONTROL FOR REUSE.

J DISCONNECT ALL EXISTING WOOD SHOP EQUIPMENT FROM (E)RP-STAGE AND SERVE FROM NEW PANEL RP-CTE1.

K REMOVE SURFACE RACEWAY ON EXISTING WALLS AND ASSOCIATED DEVICES COMPLETE TO SOURCE.

FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

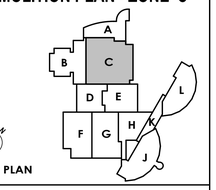
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'C'

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:

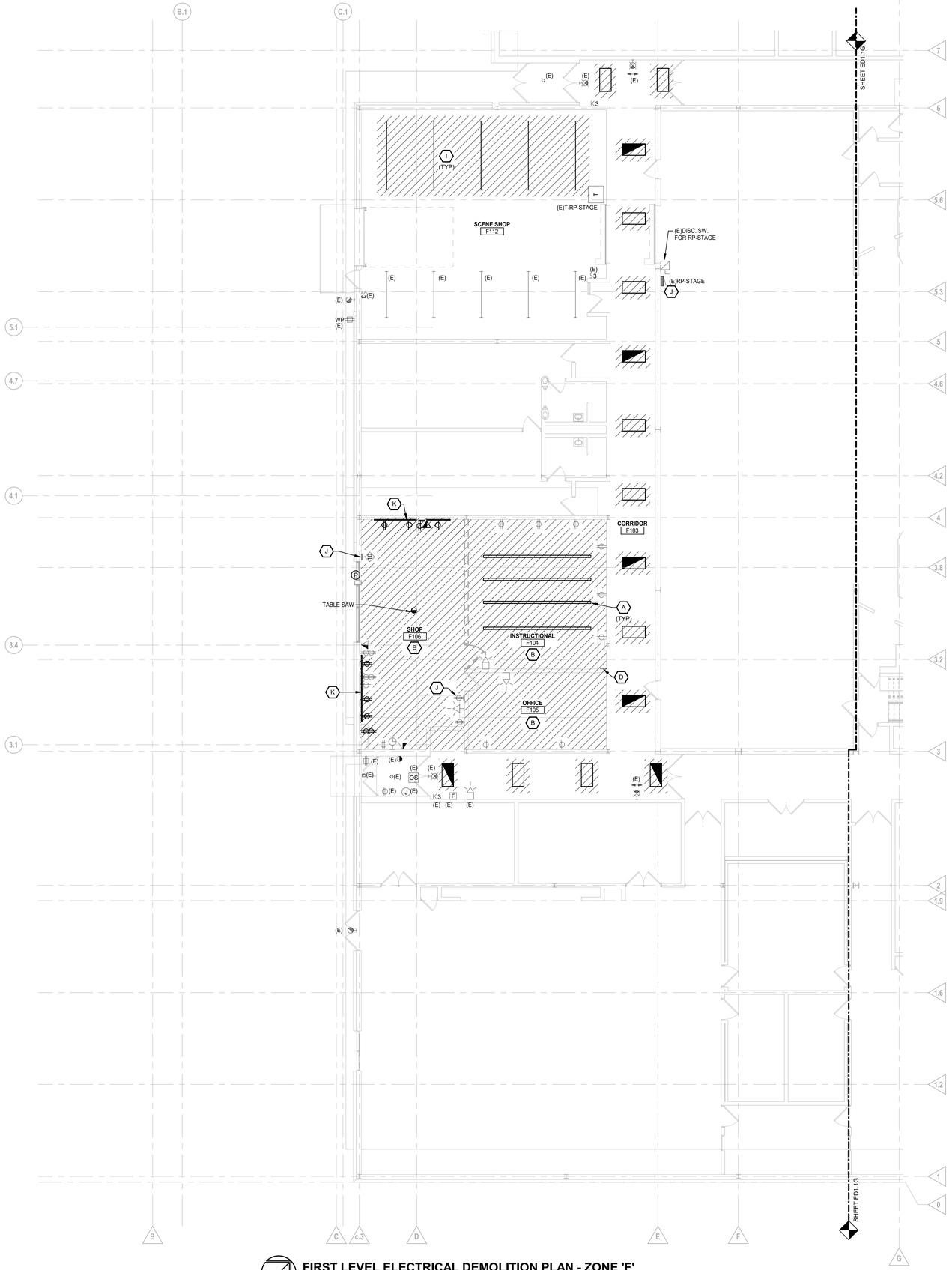
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
ED1.1C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:22:17 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

ELECTRICAL DEMOLITION GENERAL NOTES:

1 VISIT THE SITE PRIOR TO SUBMISSION OF BID TO EXAMINE THE EXISTING CONDITIONS AND THE EXTENT OF DEMOLITION WORK.

2 EXAMINE THE DRAWINGS OF OTHER TRADES AND BE FAMILIAR WITH THE DEMOLITION REQUIRED BY OTHER TRADES. PERFORM ALL INCIDENTAL ELECTRICAL DEMOLITION AND/OR RELOCATION REQUIRED TO FACILITATE THE DEMOLITION WORK OF OTHER TRADES, WHETHER OR NOT SPECIFICALLY INDICATED.

3 REMOVE EQUIPMENT OR MATERIALS AS INDICATED ON PLAN WITH CROSS HATCHING. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE COMPONENTS SHOWN.

4 COORDINATE WITH NEW WORK PLANS, ONE LINE DIAGRAMS AND RISER DIAGRAMS FOR EXTENT OF DEMOLITION WORK

5 PROVIDE PROPER SUPPORT FOR EXISTING TO REMAIN CONDUITS AND BOXES WHERE EXISTING SUPPORT IS TO BE REMOVED. RE-ROUTE BRANCH CIRCUIT CONDUITS AND RELOCATE JUNCTION BOXES AS REQUIRED TO FACILITATE INSTALLATION OF NEW EQUIPMENT AND SYSTEMS IN CEILING SPACES.

6 REMOVE ALL CONDUIT AND WIRE BACK TO THE SOURCE OR NEAREST UPSTREAM DEVICE REMAINING IN SERVICE.

7 MAINTAIN ELECTRICAL SERVICE TO ALL LIGHTING FIXTURES, DEVICES AND EQUIPMENT THAT ARE TO REMAIN. EXTEND CONDUIT AND WIRE AS REQUIRED WHERE DEMOLITION WORK AFFECTS ELECTRICAL SERVICE TO DOWNSTREAM LOADS THAT ARE TO REMAIN.

8 DISPOSE OF ALL MATERIALS OFF SITE AND INCLUDE ALL COSTS FOR DISPOSAL IN BID. ALL MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, INCLUDING TCLP TESTING, PROPER DISPOSAL AND/OR RECYCLING OF FLUORESCENT LAMPS.

9 PROVIDE BLANK COVER PLATES WHERE SWITCHES AND DEVICES ARE REMOVED BUT EXISTING WALLS REMAIN INTACT.

10 RING OUT AND TAG ALL CIRCUITS AFFECTED BY THIS ALTERATION AT BOTH ENDS. MARK ALL UNUSED CIRCUIT BREAKERS "SPARE".

11 PROVIDE UPDATED TYPED-IN DIRECTORIES FOR ALL PANELS AFFECTED BY THIS ALTERATION.

12 VERIFY ALL UNDERGROUND AND IN SLAB UTILITY LOCATIONS PRIOR TO SAW-CUTTING OR PENETRATING ANY FLOOR SLAB.

13 <Designer note: Use this note with caution, it is the engineers responsibility to determine the sequence of installation and indicate on the drawings>>>COORDINATE ANY SHUT DOWN OF EXISTING SERVICES AND EQUIPMENT THAT ARE REMAINING IN USE WITH THE OWNER'S REPRESENTATIVE. WHERE EXISTING BUILDING SERVICE IS REQUIRED TO BE SHUT DOWN, INCLUDE ALL ASSOCIATED OVERTIME COSTS TO PERFORM THIS WORK DURING WEEKENDS AND EVENINGS INCLUDE ALL COSTS FOR PROVIDING TEMPORARY POWER WHERE SHUT DOWNS MUST OCCUR FOR PERIODS LONGER THAN THESE HOURS. COORDINATE ELECTRICAL SHUT DOWNS WITH THE OWNER 72 HOURS PRIOR TO SHUT DOWN.

(#) DEMOLITION KEY NOTES:

A REMOVE SUSPENDED POWER PLUG STRIPS IN CEILING AND ALL ASSOCIATED WIRING.

B REMOVE ALL LIGHTING AND LIGHTING CONTROL EQUIPMENT. BRANCH CIRCUIT WIRING TO REMAIN FOR REUSE. REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES INCLUDING AND NOT LIMITED TO RECEPTACLES, SPEAKERS, FIRE ALARM, CONDUIT, ETC. REMOVE ALL DEVICES ON DEMOLISHED WALLS COMPLETE TO SOURCE.

C SALVAGE LIGHT FIXTURE/CONTROL SWITCH FOR REUSE IN NEW WORK.

D REMOVE JUNCTION BOX IN WALL AND ALL ASSOCIATED WIRING. SEAL OPENING BETWEEN ROOMS.

E REMOVE GYMNASIUM LIGHT FIXTURES FOR ONE-FOR-ONE LIGHTING REPLACEMENT. MAINTAIN BRANCH CIRCUIT FOR RE USE IN NEW WORK.

G REMOVE CORRIDOR CEILING MOUNTED LIGHT FIXTURES FOR ONE-FOR-ONE REPLACEMENT. REMOVE CEILING MOUNTED EXIT SIGNS AND CEILING MOUNTED LIGHTING CONTROL DEVICES. MAINTAIN EXISTING LIGHTING BRANCH CIRCUIT FOR RE-USE IN NEW WORK.

H REMOVE CORRIDOR WALL MOUNTED LIGHT FIXTURES AND ASSOCIATED CONDUITS AND WIRING. EXISTING BRANCH CIRCUIT TO REMAIN FOR REUSE IN NEW WORK.

I DISCONNECT & REMOVE LIGHT FIXTURES. MAINTAIN LIGHTING BRANCH CIRCUIT AND CONTROL FOR REUSE.

J DISCONNECT ALL EXISTING WOOD SHOP EQUIPMENT FROM (E)RP-STAGE AND SERVE FROM NEW PANEL RP-CTE1.

K REMOVE SURFACE RACEWAY ON EXISTING WALLS AND ASSOCIATED DEVICES COMPLETE TO SOURCE.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

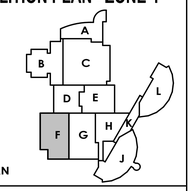
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'F'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

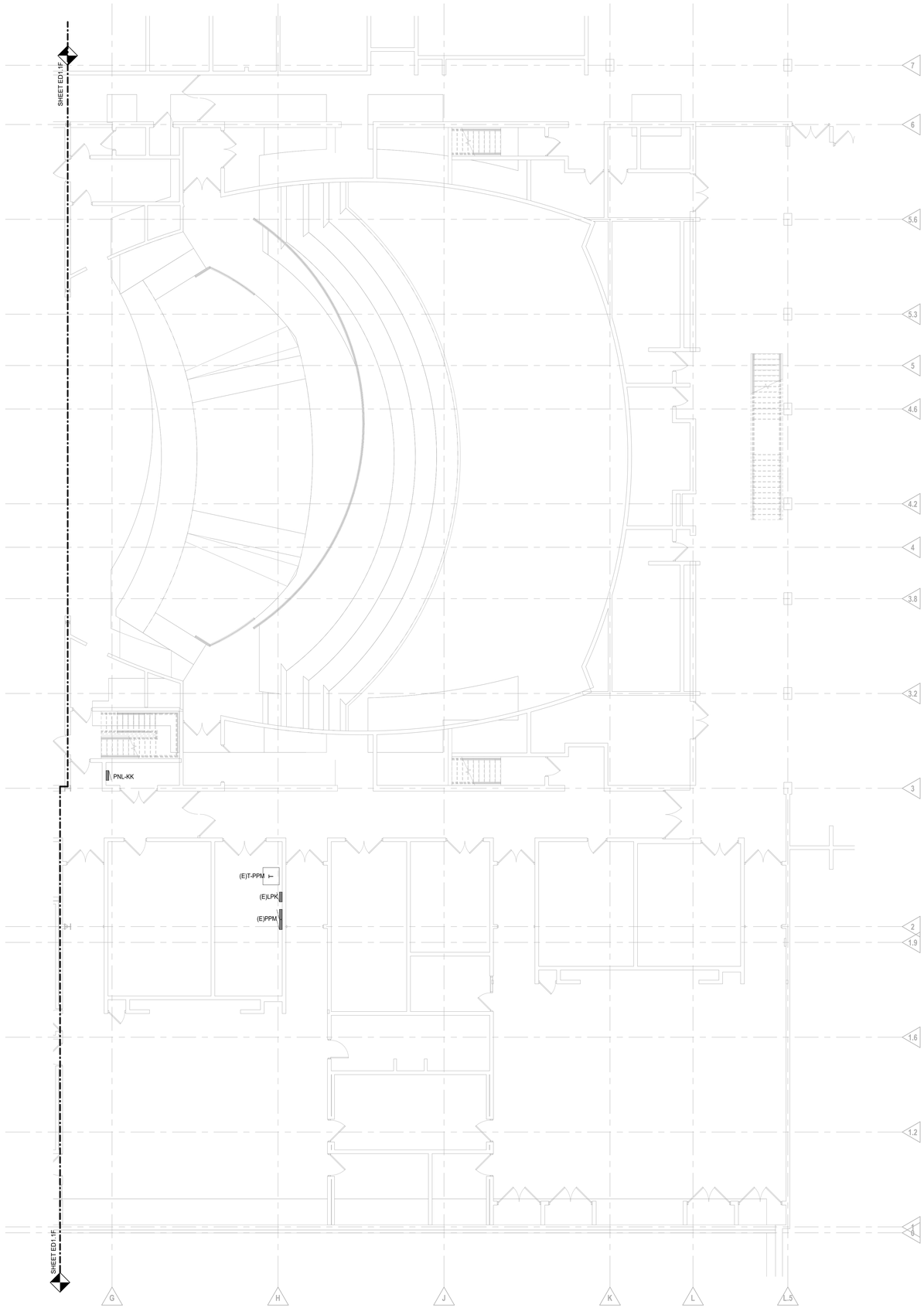
25026D

DRAWING NO.

ED1.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:22:18 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'G'

SCALE: 1/8" = 1'-0"

ELECTRICAL DEMOLITION GENERAL NOTES:

1 VISIT THE SITE PRIOR TO SUBMISSION OF BID TO EXAMINE THE EXISTING CONDITIONS AND THE EXTENT OF DEMOLITION WORK.

2 EXAMINE THE DRAWINGS OF OTHER TRADES AND BE FAMILIAR WITH THE DEMOLITION REQUIRED BY OTHER TRADES. PERFORM ALL INCIDENTAL ELECTRICAL DEMOLITION AND/OR RELOCATION REQUIRED TO FACILITATE THE DEMOLITION WORK OF OTHER TRADES, WHETHER OR NOT SPECIFICALLY INDICATED.

3 REMOVE EQUIPMENT OR MATERIALS AS INDICATED ON PLAN WITH CROSS HATCHING. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE COMPONENTS SHOWN.

4 COORDINATE WITH NEW WORK PLANS, ONE LINE DIAGRAMS AND RISER DIAGRAMS FOR EXTENT OF DEMOLITION WORK

5 PROVIDE PROPER SUPPORT FOR EXISTING TO REMAIN CONDUITS AND BOXES WHERE EXISTING SUPPORT IS TO BE REMOVED. RE-ROUTE BRANCH CIRCUIT CONDUITS AND RELOCATE JUNCTION BOXES AS REQUIRED TO FACILITATE INSTALLATION OF NEW EQUIPMENT AND SYSTEMS IN CEILING SPACES.

6 REMOVE ALL CONDUIT AND WIRE BACK TO THE SOURCE OR NEAREST UPSTREAM DEVICE REMAINING IN SERVICE.

7 MAINTAIN ELECTRICAL SERVICE TO ALL LIGHTING FIXTURES, DEVICES AND EQUIPMENT THAT ARE TO REMAIN. EXTEND CONDUIT AND WIRE AS REQUIRED WHERE DEMOLITION WORK AFFECTS ELECTRICAL SERVICE TO DOWNSTREAM LOADS THAT ARE TO REMAIN.

8 DISPOSE OF ALL MATERIALS OFF SITE AND INCLUDE ALL COSTS FOR DISPOSAL IN BID. ALL MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, INCLUDING TCLP TESTING, PROPER DISPOSAL AND/OR RECYCLING OF FLUORESCENT LAMPS.

9 PROVIDE BLANK COVER PLATES WHERE SWITCHES AND DEVICES ARE REMOVED BUT EXISTING WALLS REMAIN INTACT.

10 RING OUT AND TAG ALL CIRCUITS AFFECTED BY THIS ALTERATION AT BOTH ENDS. MARK ALL UNUSED CIRCUIT BREAKERS "SPARE".

11 PROVIDE UPDATED TYPED-IN DIRECTORIES FOR ALL PANELS AFFECTED BY THIS ALTERATION.

12 VERIFY ALL UNDERGROUND AND IN SLAB UTILITY LOCATIONS PRIOR TO SAW-CUTTING OR PENETRATING ANY FLOOR SLAB.

13 <Designer note: Use this note with caution, it is the engineers responsibility to determine the sequence of installation and indicate on the drawings>>>COORDINATE ANY SHUT DOWN OF EXISTING SERVICES AND EQUIPMENT THAT ARE REMAINING IN USE WITH THE OWNER'S REPRESENTATIVE. WHERE EXISTING BUILDING SERVICE IS REQUIRED TO BE SHUT DOWN, INCLUDE ALL ASSOCIATED OVERTIME COSTS TO PERFORM THIS WORK DURING WEEKENDS AND EVENINGS INCLUDE ALL COSTS FOR PROVIDING TEMPORARY POWER WHERE SHUT DOWNS MUST OCCUR FOR PERIODS LONGER THAN THESE HOURS. COORDINATE ELECTRICAL SHUT DOWNS WITH THE OWNER 72 HOURS PRIOR TO SHUT DOWN.

(#) DEMOLITION KEY NOTES:

A REMOVE SUSPENDED POWER PLUG STRIPS IN CEILING AND ALL ASSOCIATED WIRING.

B REMOVE ALL LIGHTING AND LIGHTING CONTROL EQUIPMENT. BRANCH CIRCUIT WIRING TO REMAIN FOR REUSE. REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES INCLUDING AND NOT LIMITED TO RECEPTACLES, SPEAKERS, FIRE ALARM, CONDUIT, ETC. REMOVE ALL DEVICES ON DEMOLISHED WALLS COMPLETE TO SOURCE.

C SALVAGE LIGHT FIXTURE/CONTROL SWITCH FOR REUSE IN NEW WORK.

D REMOVE JUNCTION BOX IN WALL AND ALL ASSOCIATED WIRING. SEAL OPENING BETWEEN ROOMS.

E REMOVE GYMNASIUM LIGHT FIXTURES FOR ONE-FOR-ONE LIGHTING REPLACEMENT. MAINTAIN BRANCH CIRCUIT FOR RE USE IN NEW WORK.

G REMOVE CORRIDOR CEILING MOUNTED LIGHT FIXTURES FOR ONE-FOR-ONE REPLACEMENT. REMOVE CEILING MOUNTED EXIT SIGNS AND CEILING MOUNTED LIGHTING CONTROL DEVICES. MAINTAIN EXISTING LIGHTING BRANCH CIRCUIT FOR RE-USE IN NEW WORK.

H REMOVE CORRIDOR WALL MOUNTED LIGHT FIXTURES AND ASSOCIATED CONDUITS AND WIRING. EXISTING BRANCH CIRCUIT TO REMAIN FOR REUSE IN NEW WORK.

I DISCONNECT & REMOVE LIGHT FIXTURES. MAINTAIN LIGHTING BRANCH CIRCUIT AND CONTROL FOR REUSE.

J DISCONNECT ALL EXISTING WOOD SHOP EQUIPMENT FROM (E)RP-STAGE AND SERVE FROM NEW PANEL RP-CTE1.

K REMOVE SURFACE RACEWAY ON EXISTING WALLS AND ASSOCIATED DEVICES COMPLETE TO SOURCE.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

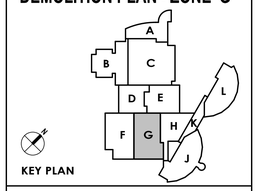
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

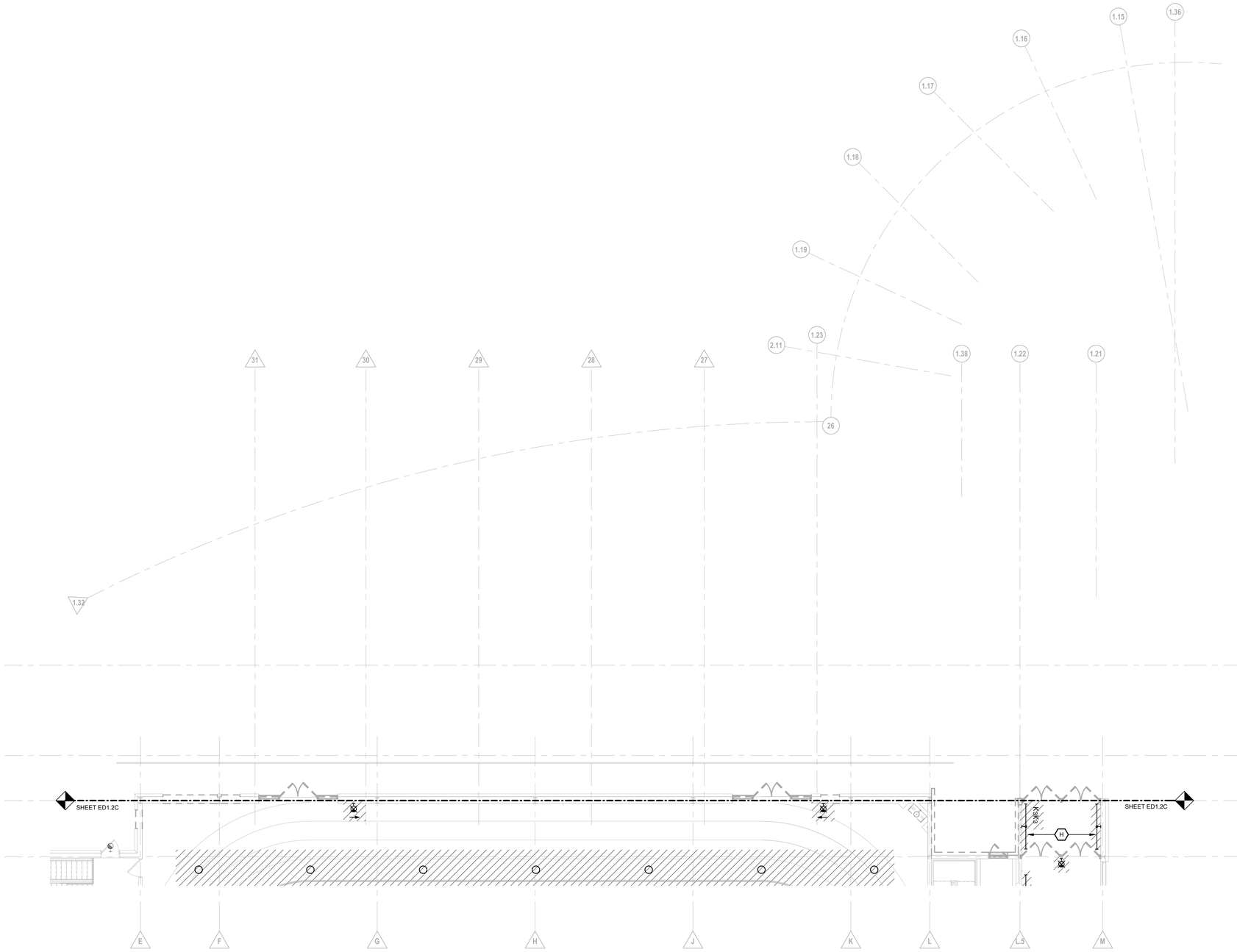
25026D

DRAWING NO.

ED1.1G

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/6/2026 9:22:20 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

ELECTRICAL DEMOLITION GENERAL NOTES:

1 VISIT THE SITE PRIOR TO SUBMISSION OF BID TO EXAMINE THE EXISTING CONDITIONS AND THE EXTENT OF DEMOLITION WORK.

2 EXAMINE THE DRAWINGS OF OTHER TRADES AND BE FAMILIAR WITH THE DEMOLITION REQUIRED BY OTHER TRADES. PERFORM ALL INCIDENTAL ELECTRICAL DEMOLITION AND/OR RELOCATION REQUIRED TO FACILITATE THE DEMOLITION WORK OF OTHER TRADES, WHETHER OR NOT SPECIFICALLY INDICATED.

3 REMOVE EQUIPMENT OR MATERIALS AS INDICATED ON PLAN WITH CROSS HATCHING. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE COMPONENTS SHOWN.

4 COORDINATE WITH NEW WORK PLANS, ONE LINE DIAGRAMS AND RISER DIAGRAMS FOR EXTENT OF DEMOLITION WORK

5 PROVIDE PROPER SUPPORT FOR EXISTING TO REMAIN CONDUITS AND BOXES WHERE EXISTING SUPPORT IS TO BE REMOVED. RE-ROUTE BRANCH CIRCUIT CONDUITS AND RELOCATE JUNCTION BOXES AS REQUIRED TO FACILITATE INSTALLATION OF NEW EQUIPMENT AND SYSTEMS IN CEILING SPACES.

6 REMOVE ALL CONDUIT AND WIRE BACK TO THE SOURCE OR NEAREST UPSTREAM DEVICE REMAINING IN SERVICE.

7 MAINTAIN ELECTRICAL SERVICE TO ALL LIGHTING FIXTURES, DEVICES AND EQUIPMENT THAT ARE TO REMAIN. EXTEND CONDUIT AND WIRE AS REQUIRED WHERE DEMOLITION WORK AFFECTS ELECTRICAL SERVICE TO DOWNSTREAM LOADS THAT ARE TO REMAIN.

8 DISPOSE OF ALL MATERIALS OFF SITE AND INCLUDE ALL COSTS FOR DISPOSAL IN BID. ALL MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, INCLUDING TCLP TESTING, PROPER DISPOSAL AND/OR RECYCLING OF FLUORESCENT LAMPS.

9 PROVIDE BLANK COVER PLATES WHERE SWITCHES AND DEVICES ARE REMOVED BUT EXISTING WALLS REMAIN INTACT.

10 RING OUT AND TAG ALL CIRCUITS AFFECTED BY THIS ALTERATION AT BOTH ENDS. MARK ALL UNUSED CIRCUIT BREAKERS "SPARE".

11 PROVIDE UPDATED TYPED-IN DIRECTORIES FOR ALL PANELS AFFECTED BY THIS ALTERATION.

12 VERIFY ALL UNDERGROUND AND IN SLAB UTILITY LOCATIONS PRIOR TO SAW-CUTTING OR PENETRATING ANY FLOOR SLAB.

13 <Designer note: Use this note with caution, it is the engineers responsibility to determine the sequence of installation and indicate on the drawings>>>COORDINATE ANY SHUT DOWN OF EXISTING SERVICES AND EQUIPMENT THAT ARE REMAINING IN USE WITH THE OWNER'S REPRESENTATIVE. WHERE EXISTING BUILDING SERVICE IS REQUIRED TO BE SHUT DOWN, INCLUDE ALL ASSOCIATED OVERTIME COSTS TO PERFORM THIS WORK DURING WEEKENDS AND EVENINGS INCLUDE ALL COSTS FOR PROVIDING TEMPORARY POWER WHERE SHUT DOWNS MUST OCCUR FOR PERIODS LONGER THAN THESE HOURS. COORDINATE ELECTRICAL SHUT DOWNS WITH THE OWNER 72 HOURS PRIOR TO SHUT DOWN.

(#) DEMOLITION KEY NOTES:

A REMOVE SUSPENDED POWER PLUG STRIPS IN CEILING AND ALL ASSOCIATED WIRING.

B REMOVE ALL LIGHTING AND LIGHTING CONTROL EQUIPMENT. BRANCH CIRCUIT WIRING TO REMAIN FOR REUSE. REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES INCLUDING AND NOT LIMITED TO RECEPTACLES, SPEAKERS, FIRE ALARM, CONDUIT, ETC. REMOVE ALL DEVICES ON DEMOLISHED WALLS COMPLETE TO SOURCE.

C SALVAGE LIGHT FIXTURE/CONTROL SWITCH FOR REUSE IN NEW WORK.

D REMOVE JUNCTION BOX IN WALL AND ALL ASSOCIATED WIRING. SEAL OPENING BETWEEN ROOMS.

E REMOVE GYMNASIUM LIGHT FIXTURES FOR ONE-FOR-ONE LIGHTING REPLACEMENT. MAINTAIN BRANCH CIRCUIT FOR RE USE IN NEW WORK.

G REMOVE CORRIDOR CEILING MOUNTED LIGHT FIXTURES FOR ONE-FOR-ONE REPLACEMENT. REMOVE CEILING MOUNTED EXIT SIGNS AND CEILING MOUNTED LIGHTING CONTROL DEVICES. MAINTAIN EXISTING LIGHTING BRANCH CIRCUIT FOR RE-USE IN NEW WORK.

H REMOVE CORRIDOR WALL MOUNTED LIGHT FIXTURES AND ASSOCIATED CONDUITS AND WIRING. EXISTING BRANCH CIRCUIT TO REMAIN FOR REUSE IN NEW WORK.

I DISCONNECT & REMOVE LIGHT FIXTURES. MAINTAIN LIGHTING BRANCH CIRCUIT AND CONTROL FOR REUSE.

J DISCONNECT ALL EXISTING WOOD SHOP EQUIPMENT FROM (E)RP-STAGE AND SERVE FROM NEW PANEL RP-CTE1.

K REMOVE SURFACE RACEWAY ON EXISTING WALLS AND ASSOCIATED DEVICES COMPLETE TO SOURCE.

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

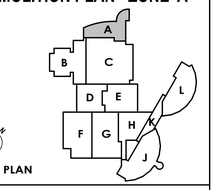
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'A'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

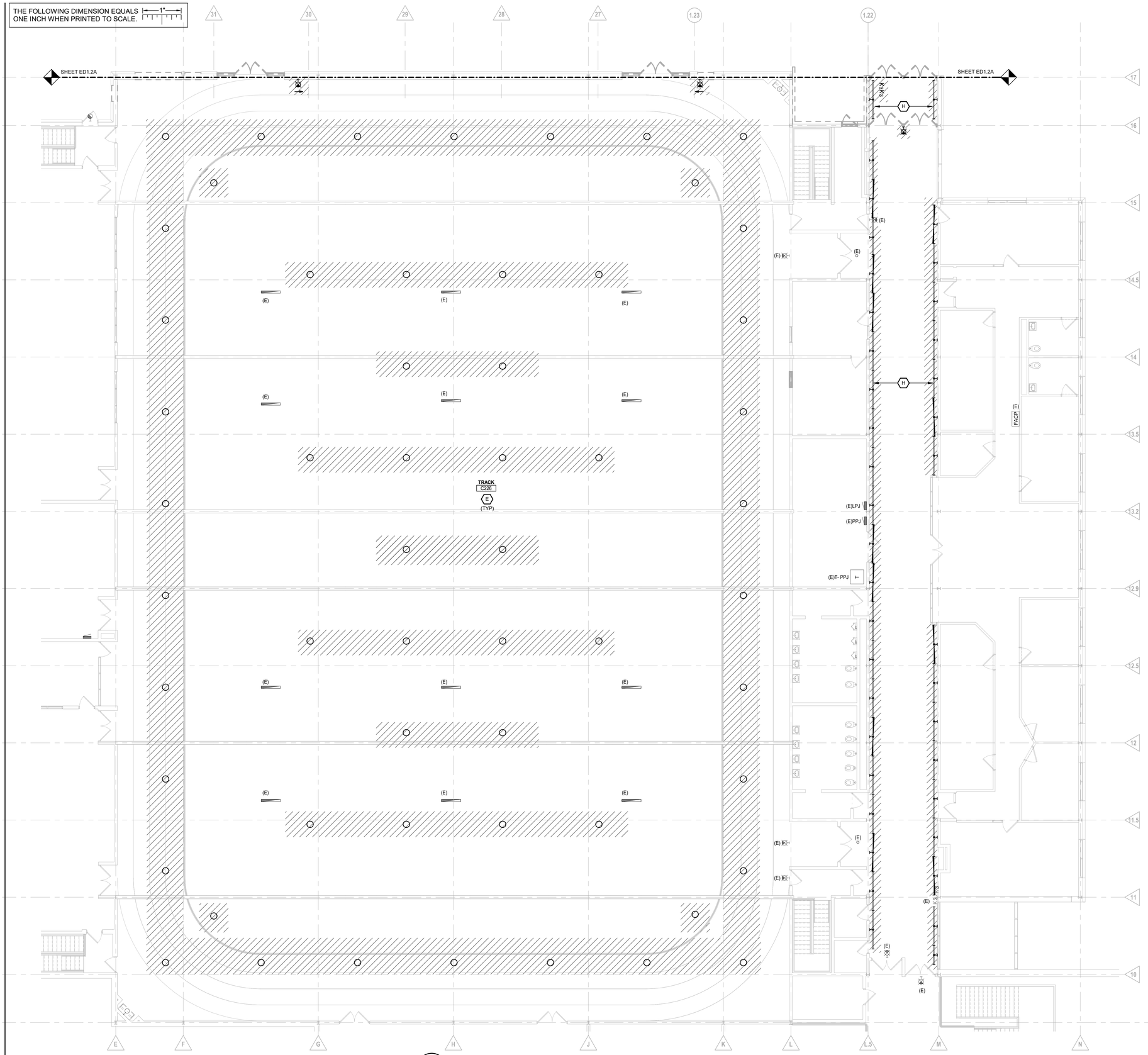
25026D

DRAWING NO.

ED1.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:22:21 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



ELECTRICAL DEMOLITION GENERAL NOTES:

1 VISIT THE SITE PRIOR TO SUBMISSION OF BID TO EXAMINE THE EXISTING CONDITIONS AND THE EXTENT OF DEMOLITION WORK.

2 EXAMINE THE DRAWINGS OF OTHER TRADES AND BE FAMILIAR WITH THE DEMOLITION REQUIRED BY OTHER TRADES. PERFORM ALL INCIDENTAL ELECTRICAL DEMOLITION AND/OR RELOCATION REQUIRED TO FACILITATE THE DEMOLITION WORK OF OTHER TRADES, WHETHER OR NOT SPECIFICALLY INDICATED.

3 REMOVE EQUIPMENT OR MATERIALS AS INDICATED ON PLAN WITH CROSS HATCHING. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, THOSE COMPONENTS SHOWN.

4 COORDINATE WITH NEW WORK PLANS, ONE LINE DIAGRAMS AND RISER DIAGRAMS FOR EXTENT OF DEMOLITION WORK

5 PROVIDE PROPER SUPPORT FOR EXISTING TO REMAIN CONDUITS AND BOXES WHERE EXISTING SUPPORT IS TO BE REMOVED. RE-ROUTE BRANCH CIRCUIT CONDUITS AND RELOCATE JUNCTION BOXES AS REQUIRED TO FACILITATE INSTALLATION OF NEW EQUIPMENT AND SYSTEMS IN CEILING SPACES

6 REMOVE ALL CONDUIT AND WIRE BACK TO THE SOURCE OR NEAREST UPSTREAM DEVICE REMAINING IN SERVICE.

7 MAINTAIN ELECTRICAL SERVICE TO ALL LIGHTING FIXTURES, DEVICES AND EQUIPMENT THAT ARE TO REMAIN. EXTEND CONDUIT AND WIRE AS REQUIRED WHERE DEMOLITION WORK AFFECTS ELECTRICAL SERVICE TO DOWNSTREAM LOADS THAT ARE TO REMAIN.

8 DISPOSE OF ALL MATERIALS OFF SITE AND INCLUDE ALL COSTS FOR DISPOSAL IN BID. ALL MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, INCLUDING TCLP TESTING, PROPER DISPOSAL AND/OR RECYCLING OF FLUORESCENT LAMPS.

9 PROVIDE BLANK COVER PLATES WHERE SWITCHES AND DEVICES ARE REMOVED BUT EXISTING WALLS REMAIN INTACT.

10 RING OUT AND TAG ALL CIRCUITS AFFECTED BY THIS ALTERATION AT BOTH ENDS. MARK ALL UNUSED CIRCUIT BREAKERS "SPARE".

11 PROVIDE UPDATED TYPED-IN DIRECTORIES FOR ALL PANELS AFFECTED BY THIS ALTERATION.

12 VERIFY ALL UNDERGROUND AND IN SLAB UTILITY LOCATIONS PRIOR TO SAW-CUTTING OR PENETRATING ANY FLOOR SLAB.

13 <Designer note: Use this note with caution, it is the engineers responsibility to determine the sequence of installation and indicate on the drawings>>>COORDINATE ANY SHUT DOWN OF EXISTING SERVICES AND EQUIPMENT THAT ARE REMAINING IN USE WITH THE OWNER'S REPRESENTATIVE. WHERE EXISTING BUILDING SERVICE IS REQUIRED TO BE SHUT DOWN, INCLUDE ALL ASSOCIATED OVERTIME COSTS TO PERFORM THIS WORK DURING WEEKENDS AND EVENINGS INCLUDE ALL COSTS FOR PROVIDING TEMPORARY POWER WHERE SHUT DOWNS MUST OCCUR FOR PERIODS LONGER THAN THESE HOURS. COORDINATE ELECTRICAL SHUT DOWNS WITH THE OWNER 72 HOURS PRIOR TO SHUT DOWN.

(#) DEMOLITION KEY NOTES:

A REMOVE SUSPENDED POWER PLUG STRIPS IN CEILING AND ALL ASSOCIATED WIRING.

B REMOVE ALL LIGHTING AND LIGHTING CONTROL EQUIPMENT. BRANCH CIRCUIT WIRING TO REMAIN FOR REUSE. REMOVE ALL CEILING MOUNTED ELECTRICAL DEVICES INCLUDING AND NOT LIMITED TO RECEPTACLES, SPEAKERS, FIRE ALARM, CONDUIT, ETC. REMOVE ALL DEVICES ON DEMOLISHED WALLS COMPLETE TO SOURCE.

C SALVAGE LIGHT FIXTURE/CONTROL SWITCH FOR REUSE IN NEW WORK.

D REMOVE JUNCTION BOX IN WALL AND ALL ASSOCIATED WIRING. SEAL OPENING BETWEEN ROOMS.

E REMOVE GYMNASIUM LIGHT FIXTURES FOR ONE-FOR-ONE LIGHTING REPLACEMENT. MAINTAIN BRANCH CIRCUIT FOR RE USE IN NEW WORK.

G REMOVE CORRIDOR CEILING MOUNTED LIGHT FIXTURES FOR ONE-FOR-ONE REPLACEMENT. REMOVE CEILING MOUNTED EXIT SIGNS AND CEILING MOUNTED LIGHTING CONTROL DEVICES. MAINTAIN EXISTING LIGHTING BRANCH CIRCUIT FOR RE-USE IN NEW WORK.

H REMOVE CORRIDOR WALL MOUNTED LIGHT FIXTURES AND ASSOCIATED CONDUITS AND WIRING. EXISTING BRANCH CIRCUIT TO REMAIN FOR REUSE IN NEW WORK.

I DISCONNECT & REMOVE LIGHT FIXTURES. MAINTAIN LIGHTING BRANCH CIRCUIT AND CONTROL FOR REUSE.

J DISCONNECT ALL EXISTING WOOD SHOP EQUIPMENT FROM (E)RP-STAGE AND SERVE FROM NEW PANEL RP-CTE1.

K REMOVE SURFACE RACEWAY ON EXISTING WALLS AND ASSOCIATED DEVICES COMPLETE TO SOURCE.

SECOND LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

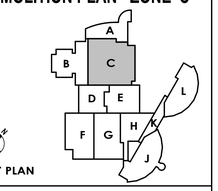
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

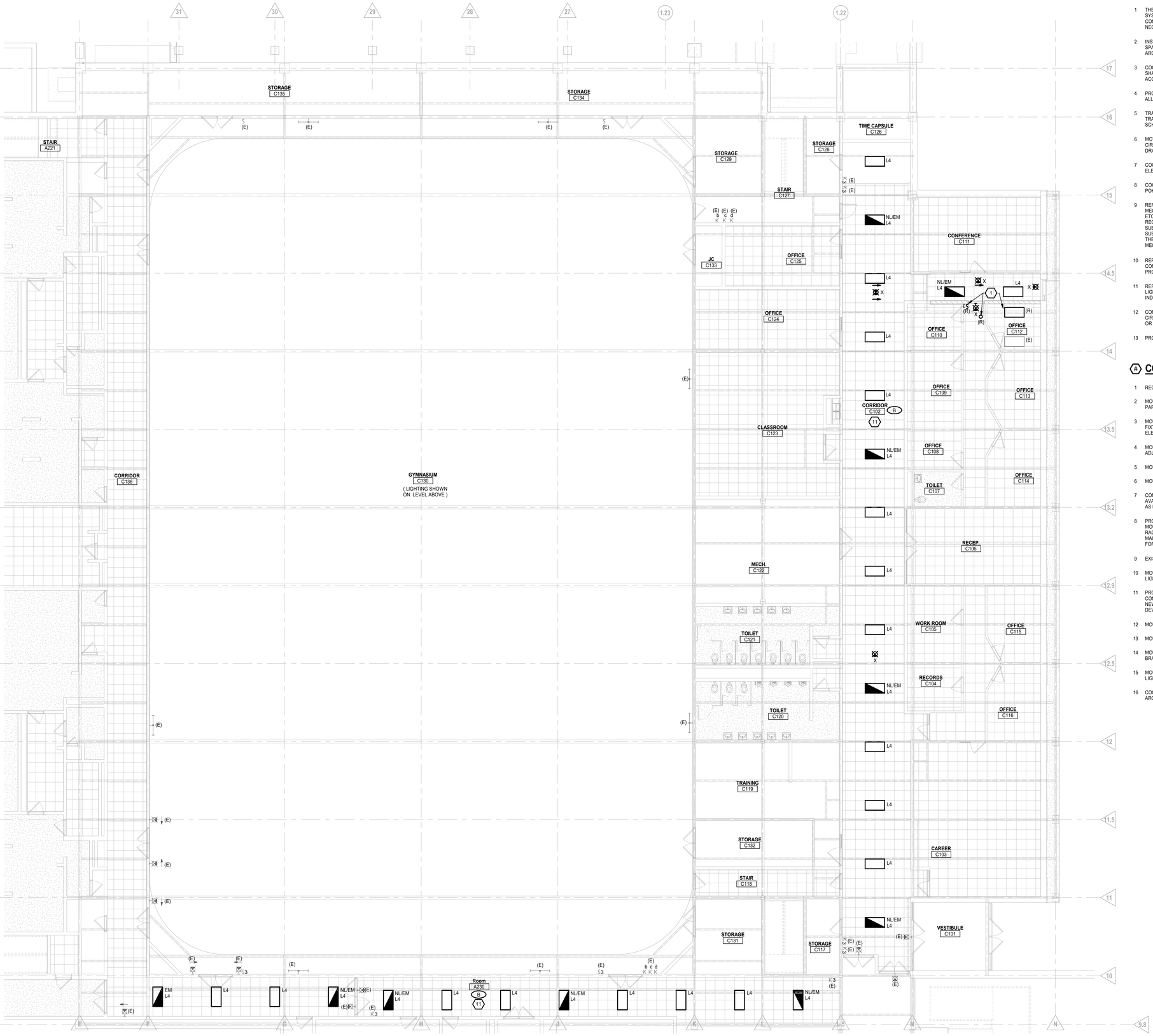
25026D

DRAWING NO.

ED1.2C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:22:23 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL LIGHTING PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

4 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

5 TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

6 MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

7 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.

8 COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.

9 REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.

10 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

11 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

12 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

13 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 RECONNECT TO EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS.

2 MOUNT LIGHT 10'-10" A.F.F TO BOTTOM OF FIXTURE SUCH THAT FIXTURE IS PARALLEL TO ADJACENT BAFFLES.

3 MOUNT L10 LIGHT FIXTURE AT APPROXIMATELY 14'-6" A.F.F TO BOTTOM OF FIXTURE SUCH THAT HIGHEST ARM IF FIXTURE IS 1'-0" BELOW LOWEST BAFFLE ELEVATION.

4 MOUNT LIGHT FIXTURE 17'-6" A.F.F TO BOTTOM OF FIXTURE PARALLEL TO ADJACENT BAFFLES.

5 MOUNT L2 LIGHT FIXUTRE 15'-0" A.F.F TO BOTTOM OF FIXTURE.

6 MOUNT LIGHT FIXTURE AT 10'-0" A.F.F TO BOTTOM OF FIXTURE.

7 CONNECT NEW LIGHTING TO EXISTING LIGHTING BRANCH CIRCUIT MADE AVAILABLE THRU DEMOLITION. PROVIDE CONTROL OF LIGHTING BRANCH CIRCUIT AS INDICATED IN LIGHTING CONTROL SCHEDULE.

8 PROVIDE NEW LED GYMNASIUM LIGHT FIXTURES IN SAME LOCATION AND MOUNTING HEIGHT AS DEMOLISHED FIXTURES. MODIFY BRANCH CIRCUIT RACEWAYS AS REQUIRED TO COMPLY WITH NEC 300.4. RECONNECT TO MAINTAINED BRANCH CIRCUIT AND CONTROLS. REFER TO DETAIL ON SHEET E7.1. FOR ADDITIONAL INFORMATION.

9 EXISTING LINEAR FIXTURE SHALL ONLY ILLUMINATE DURING AN EMERGENCY..

10 MOUNT LIGHT FIXTURES AT 8'-6"A.F.F. ABOVE MEZZANINE. EXTEND EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS WITHIN SPACE TO THESE FIXTURES.

11 PROVIDE NEW LIGHT FIXTURES IN SAME LOCATION AS REMOVED FIXTURES. CONNECT TO MAINTAINED LIGHTING BRANCH CIRCUIT AND CONTROLS. PROVIDE NEW CEILING MOUNTED LIGHTING CONTROLS IN SAME LOCATION AS DEMOLISHED DEVICES. EXTEND ALL WIRING AS REQUIRED.

12 MOUNT LUMINAIRE AT 17'-0" A.F.F TO BOTTOM OF FIXTURE.

13 MOUNT FIXTURES TO UNDESIDE OF MEZZANINE AT 8'-6"A.F.F.

14 MOUNT FIXTURES TO UNDERSIDE OF MEZZANINE. EXTEND EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS WITHIN SPACE TO THESE FIXTURES.

15 MOUNT FIXTURES ABOVE MEZZANINE AT 8'-6"A.F.F. PROVIDE CONTROL OF LIGHTING BRANCH CIRCUIT AS INDICATED IN LIGHTING CONTROL SCHEDULE.

16 COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SIGNAGE PACKAGE & ARCHITECTURAL TRADES.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

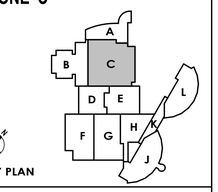
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL LIGHTING PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

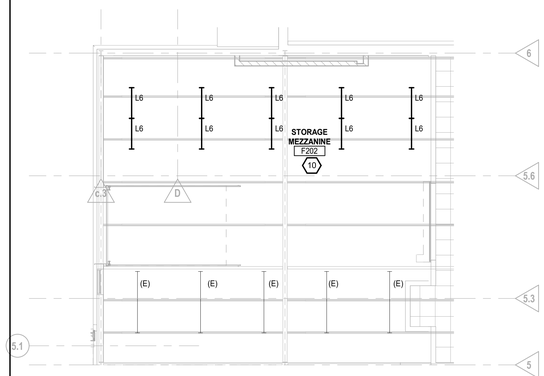
25026D

DRAWING NO.

E2.1C

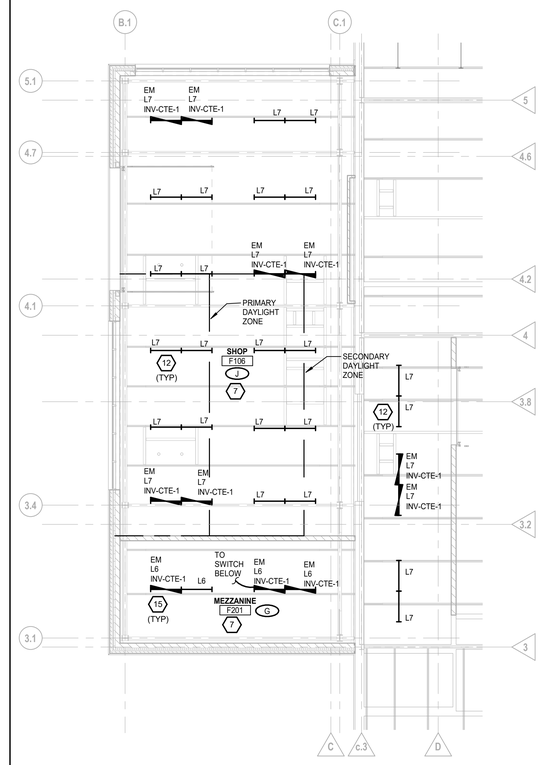
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:25:31 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



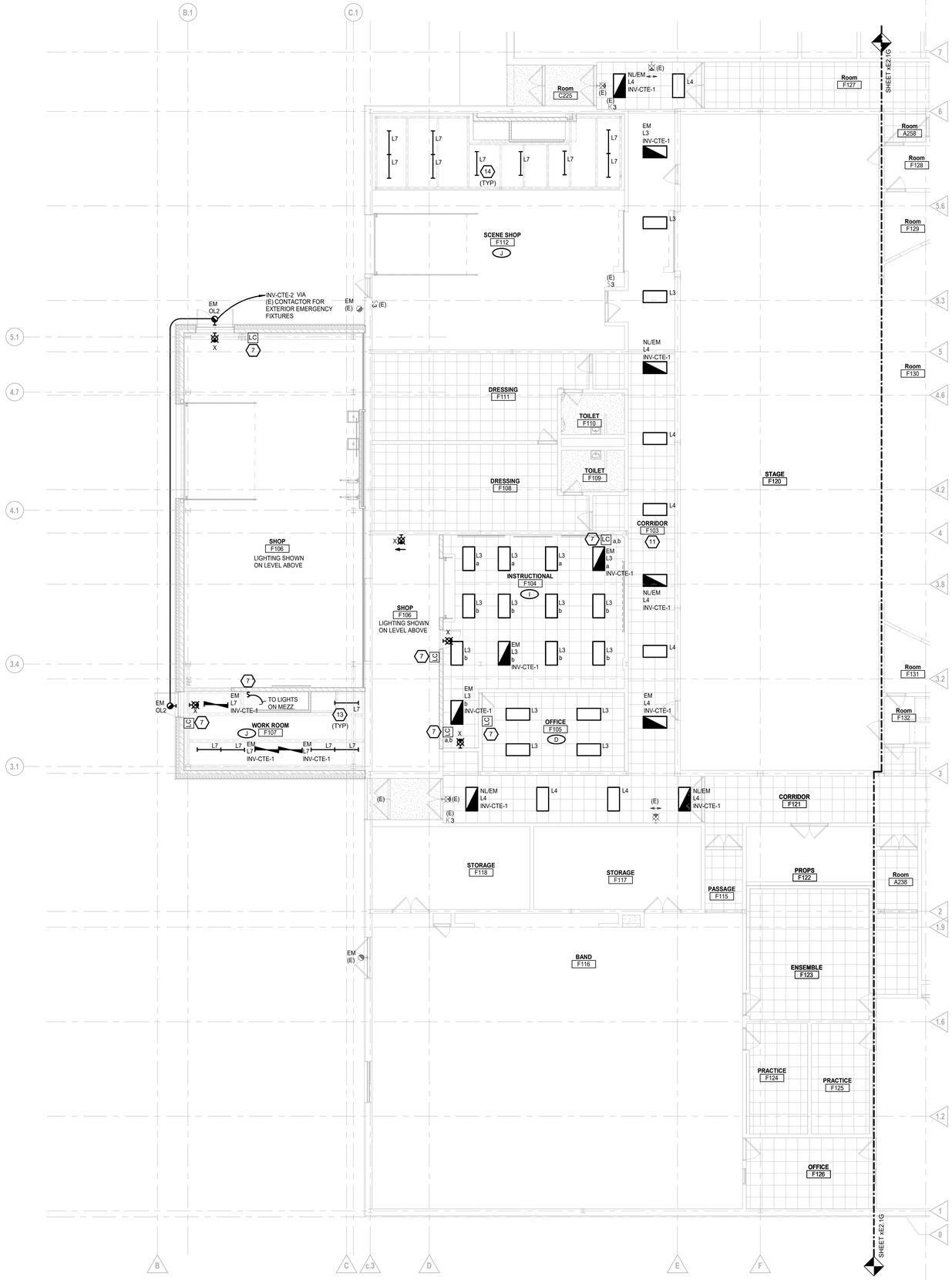
STORAGE MEZZANINE FLOOR LIGHTING PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"



MEZZANINE FLOOR LIGHTING PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"



FIRST LEVEL LIGHTING PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

4 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

5 TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

6 MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

7 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.

8 COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.

9 REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.

10 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

11 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

12 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

13 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 RECONNECT TO EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS.

2 MOUNT LIGHT 10'-10" A.F.F TO BOTTOM OF FIXTURE SUCH THAT FIXTURE IS PARALLEL TO ADJACENT BAFFLES.

3 MOUNT L10 LIGHT FIXTURE AT APPROXIMATELY 14'-6" A.F.F TO BOTTOM OF FIXTURE SUCH THAT HIGHEST ARM IF FIXTURE IS 1'-0" BELOW LOWEST BAFFLE ELEVATION.

4 MOUNT LIGHT FIXTURE 17'-6" A.F.F TO BOTTOM OF FIXTURE PARALLEL TO ADJACENT BAFFLES.

5 MOUNT L2 LIGHT FIXUTRE 15'-0" A.F.F TO BOTTOM OF FIXTURE.

6 MOUNT LIGHT FIXTURE AT 10'-0" A.F.F TO BOTTOM OF FIXTURE.

7 CONNECT NEW LIGHTING TO EXISTING LIGHTING BRANCH CIRCUIT MADE AVAILABLE THRU DEMOLITION. PROVIDE CONTROL OF LIGHTING BRANCH CIRCUIT AS INDICATED IN LIGHTING CONTROL SCHEDULE.

8 PROVIDE NEW LED GYMNASIUM LIGHT FIXTURES IN SAME LOCATION AND MOUNTING HEIGHT AS DEMOLISHED FIXTURES. MODIFY BRANCH CIRCUIT RACEWAYS AS REQUIRED TO COMPLY WITH NEC 300.4. RECONNECT TO MAINTAINED BRANCH CIRCUIT AND CONTROLS. REFER TO DETAIL ON SHEET E7.1, FOR ADDITIONAL INFORMATION.

9 EXISTING LINEAR FIXTURE SHALL ONLY ILLUMINATE DURING AN EMERGENCY..

10 MOUNT LIGHT FIXTURES AT 8'-6"A.F.F. ABOVE MEZZANINE. EXTEND EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS WITHIN SPACE TO THESE FIXTURES.

11 PROVIDE NEW LIGHT FIXTURES IN SAME LOCATION AS REMOVED FIXTURES. CONNECT TO MAINTAINED LIGHTING BRANCH CIRCUIT AND CONTROLS.

12 MOUNT LUMINAIRE AT 17'-0" A.F.F TO BOTTOM OF FIXTURE.

13 MOUNT FIXTURES TO UNDESIDE OF MEZZANINE AT 8'-6"A.F.F.

14 MOUNT FIXTURES TO UNDERSIDE OF MEZZANINE. EXTEND EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS WITHIN SPACE TO THESE FIXTURES.

15 MOUNT FIXTURES ABOVE MEZZANINE AT 8'-6"A.F.F. PROVIDE CONTROL OF LIGHTING BRANCH CIRCUIT AS INDICATED IN LIGHTING CONTROL SCHEDULE.

16 COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SIGNAGE PACKAGE & ARCHITECTURAL TRADES.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

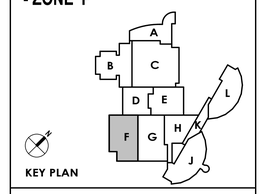
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL LIGHTING PLAN - ZONE 'F'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

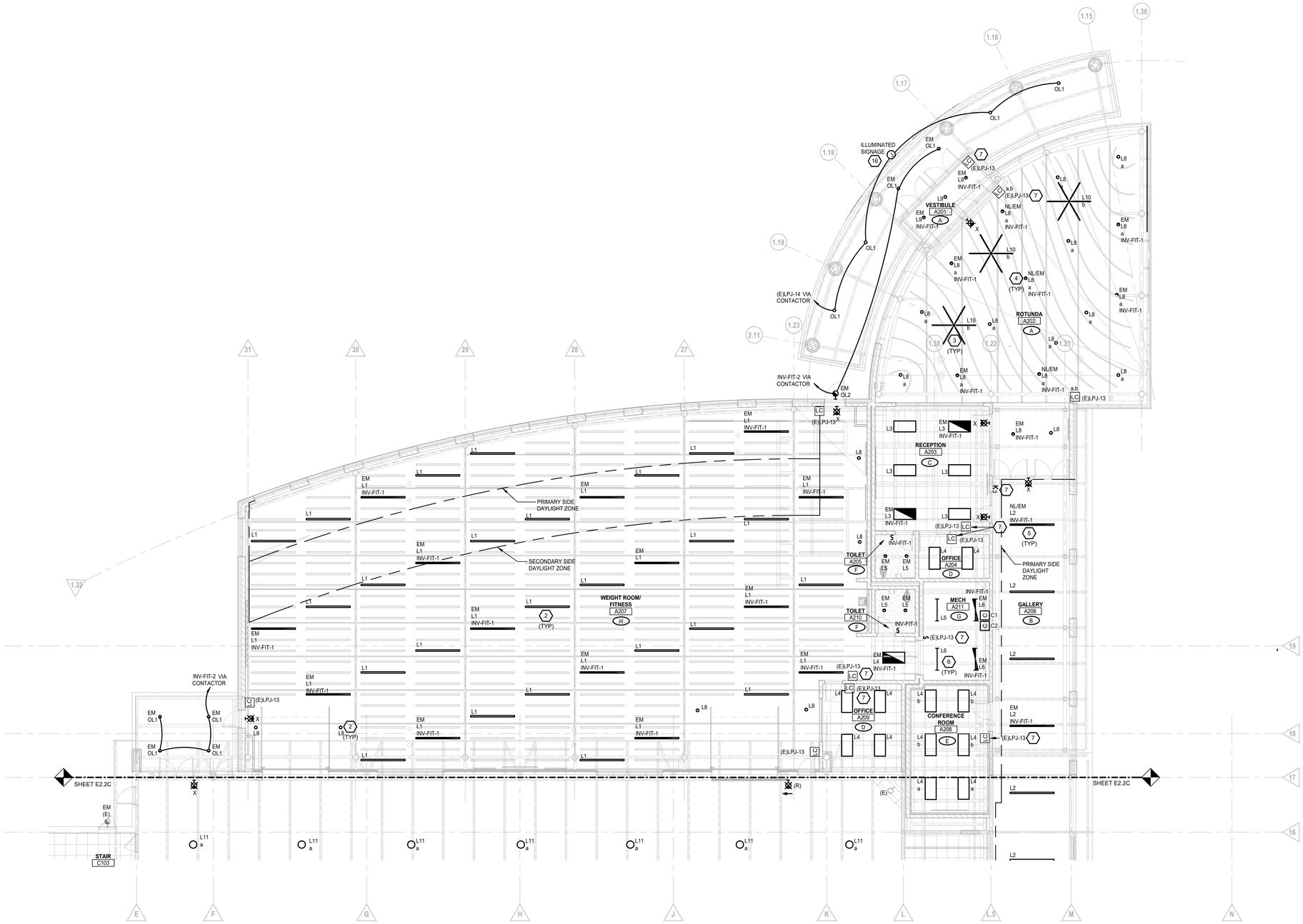
25026D

DRAWING NO.

E2.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:17:39 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL LIGHTING PLAN- ZONE 'A'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

4 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

5 TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

6 MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

7 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.

8 COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.

9 REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.

10 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

11 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

12 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

13 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 RECONNECT TO EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS.

2 MOUNT LIGHT 10'-10" A.F.F TO BOTTOM OF FIXTURE SUCH THAT FIXTURE IS PARALLEL TO ADJACENT BAFFLES.

3 MOUNT L10 LIGHT FIXTURE AT APPROXIMATELY 14'-6" A.F.F TO BOTTOM OF FIXTURE SUCH THAT HIGHEST ARM IF FIXTURE IS 1'-0" BELOW LOWEST BAFFLE ELEVATION.

4 MOUNT LIGHT FIXTURE 17'-6" A.F.F TO BOTTOM OF FIXTURE PARALLEL TO ADJACENT BAFFLES.

5 MOUNT L2 LIGHT FIXUTRE 15'-0" A.F.F TO BOTTOM OF FIXTURE.

6 MOUNT LIGHT FIXTURE AT 10'-0" A.F.F TO BOTTOM OF FIXTURE.

7 CONNECT NEW LIGHTING TO EXISTING LIGHTING BRANCH CIRCUIT MADE AVAILABLE THRU DEMOLITION. PROVIDE CONTROL OF LIGHTING BRANCH CIRCUIT AS INDICATED IN LIGHTING CONTROL SCHEDULE.

8 PROVIDE NEW LED GYMNASIUM LIGHT FIXTURES IN SAME LOCATION AND MOUNTING HEIGHT AS DEMOLISHED FIXTURES. MODIFY BRANCH CIRCUIT RACEWAYS AS REQUIRED TO COMPLY WITH NEC 300.4. RECONNECT TO MAINTAINED BRANCH CIRCUIT AND CONTROLS. REFER TO DETAIL ON SHEET E7.1. FOR ADDITIONAL INFORMATION.

9 EXISTING LINEAR FIXTURE SHALL ONLY ILLUMINATE DURING AN EMERGENCY..

10 MOUNT LIGHT FIXTURES AT 8'-6"A.F.F. ABOVE MEZZANINE. EXTEND EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS WITHIN SPACE TO THESE FIXTURES.

11 PROVIDE NEW LIGHT FIXTURES IN SAME LOCATION AS REMOVED FIXTURES. CONNECT TO MAINTAINED LIGHTING BRANCH CIRCUIT AND CONTROLS. PROVIDE NEW CEILING MOUNTED LIGHTING CONTROLS IN SAME LOCATION AS DEMOLISHED DEVICES. EXTEND ALL WIRING AS REQUIRED.

12 MOUNT LUMINAIRE AT 17'-0" A.F.F TO BOTTOM OF FIXTURE.

13 MOUNT FIXTURES TO UNDESIDE OF MEZZANINE AT 8'-6"A.F.F.

14 MOUNT FIXTURES TO UNDERSIDE OF MEZZANINE. EXTEND EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS WITHIN SPACE TO THESE FIXTURES.

15 MOUNT FIXTURES ABOVE MEZZANINE AT 8'-6"A.F.F. PROVIDE CONTROL OF LIGHTING BRANCH CIRCUIT AS INDICATED IN LIGHTING CONTROL SCHEDULE.

16 COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SIGNAGE PACKAGE & ARCHITECTURAL TRADES.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

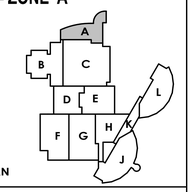
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL LIGHTING PLAN - ZONE 'A'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

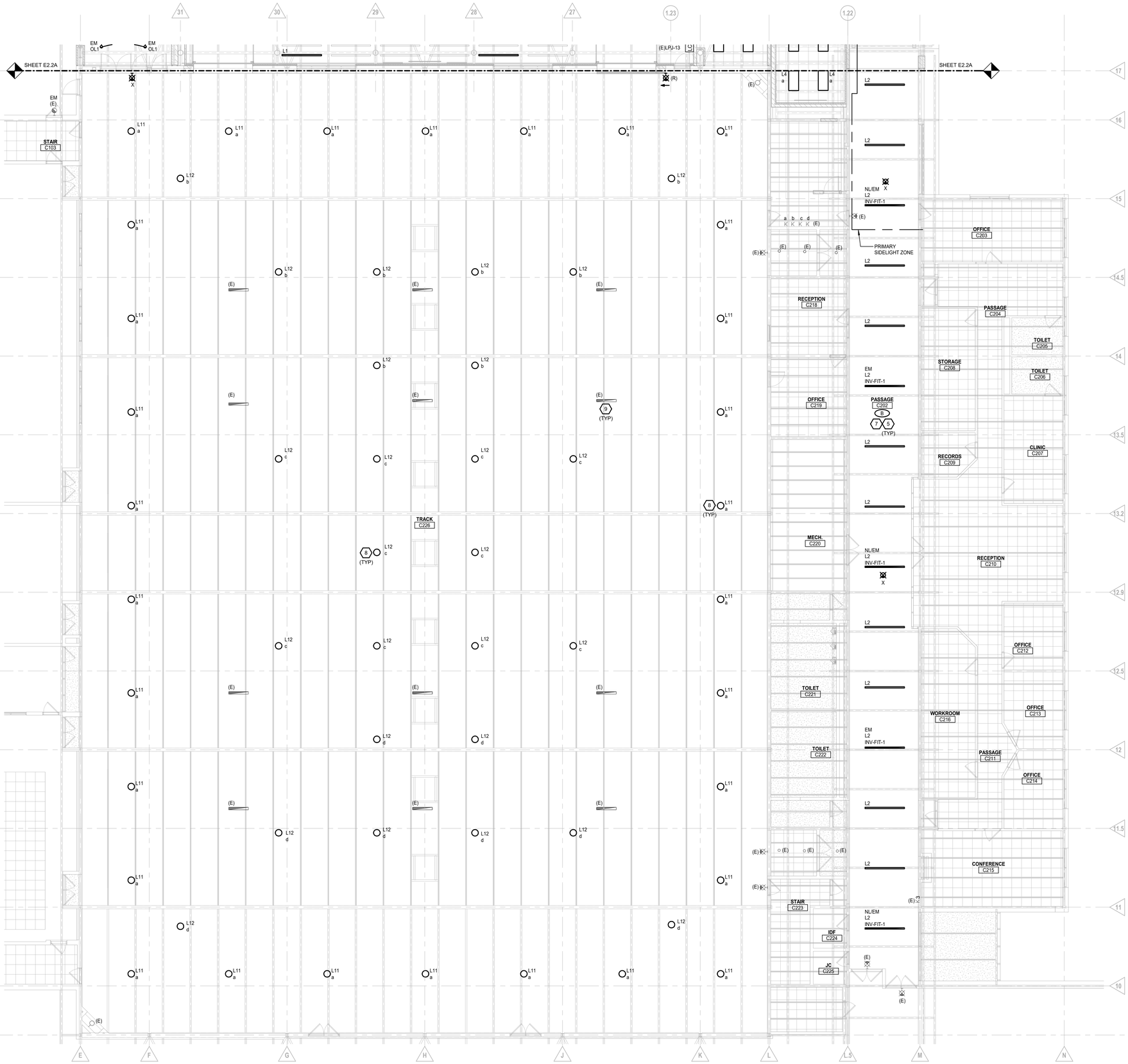
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
E2.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:25:38 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL LIGHTING PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1. THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
4. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
5. TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
6. MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
7. COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.
8. COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.
9. REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.
10. REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.
11. REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.
12. CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.
13. PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1. RECONNECT TO EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS.
2. MOUNT LIGHT 10'-10" A.F.F TO BOTTOM OF FIXTURE SUCH THAT FIXTURE IS PARALLEL TO ADJACENT BAFFLES.
3. MOUNT L10 LIGHT FIXTURE AT APPROXIMATELY 14'-6" A.F.F TO BOTTOM OF FIXTURE SUCH THAT HIGHEST ARM IF FIXTURE IS 1'-0" BELOW LOWEST BAFFLE ELEVATION.
4. MOUNT LIGHT FIXTURE 17'-6" A.F.F TO BOTTOM OF FIXTURE PARALLEL TO ADJACENT BAFFLES.
5. MOUNT L2 LIGHT FIXUTRE 15'-0" A.F.F TO BOTTOM OF FIXTURE.
6. MOUNT LIGHT FIXTURE AT 10'-0" A.F.F TO BOTTOM OF FIXTURE.
7. CONNECT NEW LIGHTING TO EXISTING LIGHTING BRANCH CIRCUIT MADE AVAILABLE THRU DEMOLITION. PROVIDE CONTROL OF LIGHTING BRANCH CIRCUIT AS INDICATED IN LIGHTING CONTROL SCHEDULE.
8. PROVIDE NEW LED GYMNASIUM LIGHT FIXTURES IN SAME LOCATION AND MOUNTING HEIGHT AS DEMOLISHED FIXTURES. MODIFY BRANCH CIRCUIT RACEWAYS AS REQUIRED TO COMPLY WITH NEC 300.4. RECONNECT TO MAINTAINED BRANCH CIRCUIT AND CONTROLS. REFER TO DETAIL ON SHEET E7.1. FOR ADDITIONAL INFORMATION.
9. EXISTING LINEAR FIXTURE SHALL ONLY ILLUMINATE DURING AN EMERGENCY..
10. MOUNT LIGHT FIXTURES AT 8'-6"A.F.F. ABOVE MEZZANINE. EXTEND EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS WITHIN SPACE TO THESE FIXTURES.
11. PROVIDE NEW LIGHT FIXTURES IN SAME LOCATION AS REMOVED FIXTURES. CONNECT TO MAINTAINED LIGHTING BRANCH CIRCUIT AND CONTROLS. PROVIDE NEW CEILING MOUNTED LIGHTING CONTROLS IN SAME LOCATION AS DEMOLISHED DEVICES. EXTEND ALL WIRING AS REQUIRED.
12. MOUNT LUMINAIRE AT 17'-0" A.F.F TO BOTTOM OF FIXTURE.
13. MOUNT FIXTURES TO UNDESIDE OF MEZZANINE AT 8'-6"A.F.F.
14. MOUNT FIXTURES TO UNDERSIDE OF MEZZANINE. EXTEND EXISTING LIGHTING BRANCH CIRCUIT & CONTROLS WITHIN SPACE TO THESE FIXTURES.
15. MOUNT FIXTURES ABOVE MEZZANINE AT 8'-6"A.F.F. PROVIDE CONTROL OF LIGHTING BRANCH CIRCUIT AS INDICATED IN LIGHTING CONTROL SCHEDULE.
16. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SIGNAGE PACKAGE & ARCHITECTURAL TRADES.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

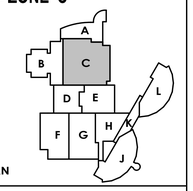
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL LIGHTING PLAN - ZONE 'C'

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

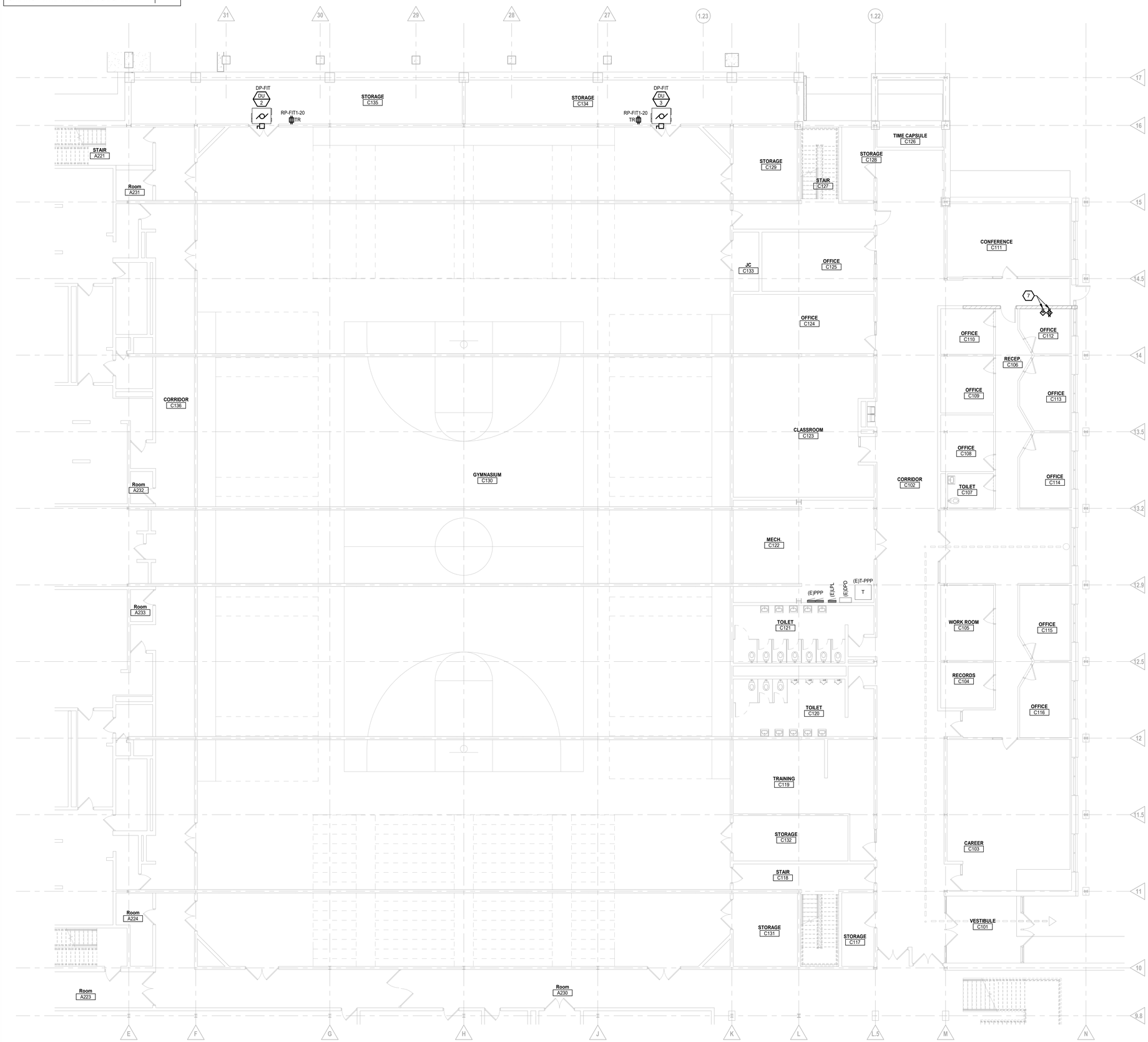
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
E2.2C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:25:39 AM - Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

4 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

5 TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

6 MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

7 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.

8 COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.

9 REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.

10 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

11 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

12 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

13 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE 2.2KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE.

2 PROVIDE ADDRESSABLE VOICE FIRE ALARM CONTROL PANEL. CROSS-TIE NEW FACP WITH EXISTING SYSTEM.

3 PUSHPAD FOR AUTOMATIC DOORS. ALL DOOR AND PUSH PAD HARDWARE IS PROVIDED BY DOOR CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL PUSHPADS AND PROVIDE CONDUIT AND WIRE FOR COMPLETE OPERATION. COORDINATE WORK WITH DOOR CONTRACTOR. PUSH PAD BOX IS DOUBLE GANG.

4 PROVIDE FLOOR BOX CONNECTED TO DISCONNECT SWITCH ON WALL. PROVIDE HARDWIRE CONNECTION FROM DISCONNECT TO TABLESAW THRU FLOOR BOX.

5 INDOOR UNIT POWER FEED THROUGH OUTDOOR UNIT.

6 RECONNECT ALL EXISTING TO REMAIN WOOD SHOP BRANCH CIRCUITS PREVIOUSLY SERVED FROM (E)RP-STAGE TO NEW PANEL RP-CTE1. PROVIDE SAME SIZE BREAKERS AS PREVIOUSLY SERVING LOAD.

7 EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN ROOM TO SERVE NEW RECEPTACLES.

8 COORDINATE EXACT LOCATION WITH AV SERIES DRAWINGS ISSUED IN PREVIOUSLY & AS DIRECTED BY AUDIO-VISUAL CONTRACTOR. .

9 PROVIDE 1.0KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE

10 PROVIDE (2) 4'X8' PLYWOOD BACKBOARDS IN IDF FOR IT EQUIPMENT. PROVIDE (1)QUAD RECEPTACLE AT EACH BACKBOARD.

11 MOUNT RECEPTACLE ON NEARBY EXISTING SITE POLE BASE FOR POWER AT EXTERIOR BUILDING PAD. COORDINATE EXACT LOCATION IN THE FIELD.

12 EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN SPACE TO NEW RECEPTACLE ON MEZZANAINE.

13 PROVIDE CARBON MONOXIDE DETECTION IN SPACE.

14 DUCT SMOKE DETECTOR SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE MOUNTING LOCATION AND QUANTITY WITH THE MECHANICAL DUCTWORK CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE DUCT SMOKE DETECTOR/ERU SUPPLY/RETURN FAN MOTOR CONTROLLER SO THAT UPON DETECTION OF SMOKE, THE SUPPLY/RETURN FAN WILL SHUT DOWN. THIS SHALL BE ACCOMPLISHED VIA THE FIRE ALARM CONTROL PANEL. PROVIDE ALL REQUIRED CONTROL MODULES AND RELAYS. COORDINATE WITH THE TEMPERATURE CONTROLS/FIRE ALARM CONTRACTOR. PROVIDE WEATHERPROOF ENCLOSURES AS REQUIRED.

15 HEAT TRACE BY OTHERS.

A/V, SECURITY & TELECOMMUNICATIONS SCHEDULE

SYMBOL	DESCRIPTION
LA	WALL MOUNTED MONITOR. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LB	WALL MOUNTED DISPLAY. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LD	WALL MOUNTED DISPLAY WITH TECHNOLOGY CONNECTIONS TO POKE-THRU. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET ON WALL.
LE	CEILING MOUNTED MONITOR. (1) QUAD RECEPTACLE MOUNTED IN CEILING ADJACENT TO TECHNOLOGY OUTLET.
SB	(1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY. ONE DUPLEX RECEPTACLE OF QUAD RECEPTACLE TO BE CONTROLLED.
SC	(1) DUPLEX RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY.
	OUTLET BOX WITH CONDUIT STUBBED TO ACCESSIBLE CEILING FOR TECHNOLOGY. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.
	WALL MOUNTED CLOCK. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY BOX AND RACEWAYS REQUIREMENTS AND SIZES.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS MOUNTING HEIGHTS, LOCATIONS, AND INSTALLATION DETAILS.

ELECTRICAL CONTRACTOR TO PROVIDE ALL BOXES AND RACEWAYS REQUIRED TO SERVE ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY EQUIPMENT AND OUTLETS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

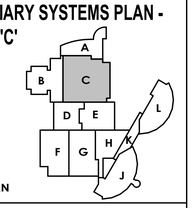
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'C'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

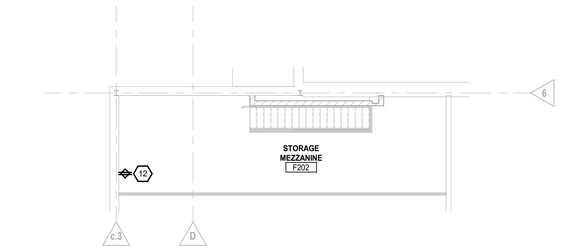
25026D

DRAWING NO.

E3.1C

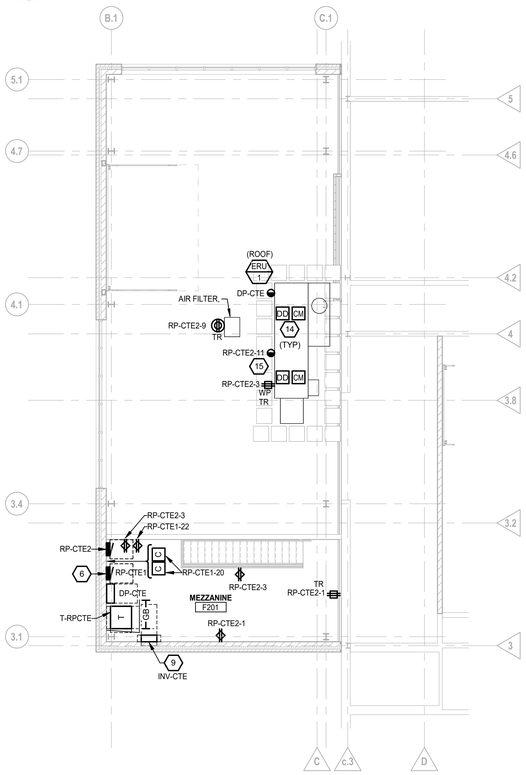
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:34:54 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



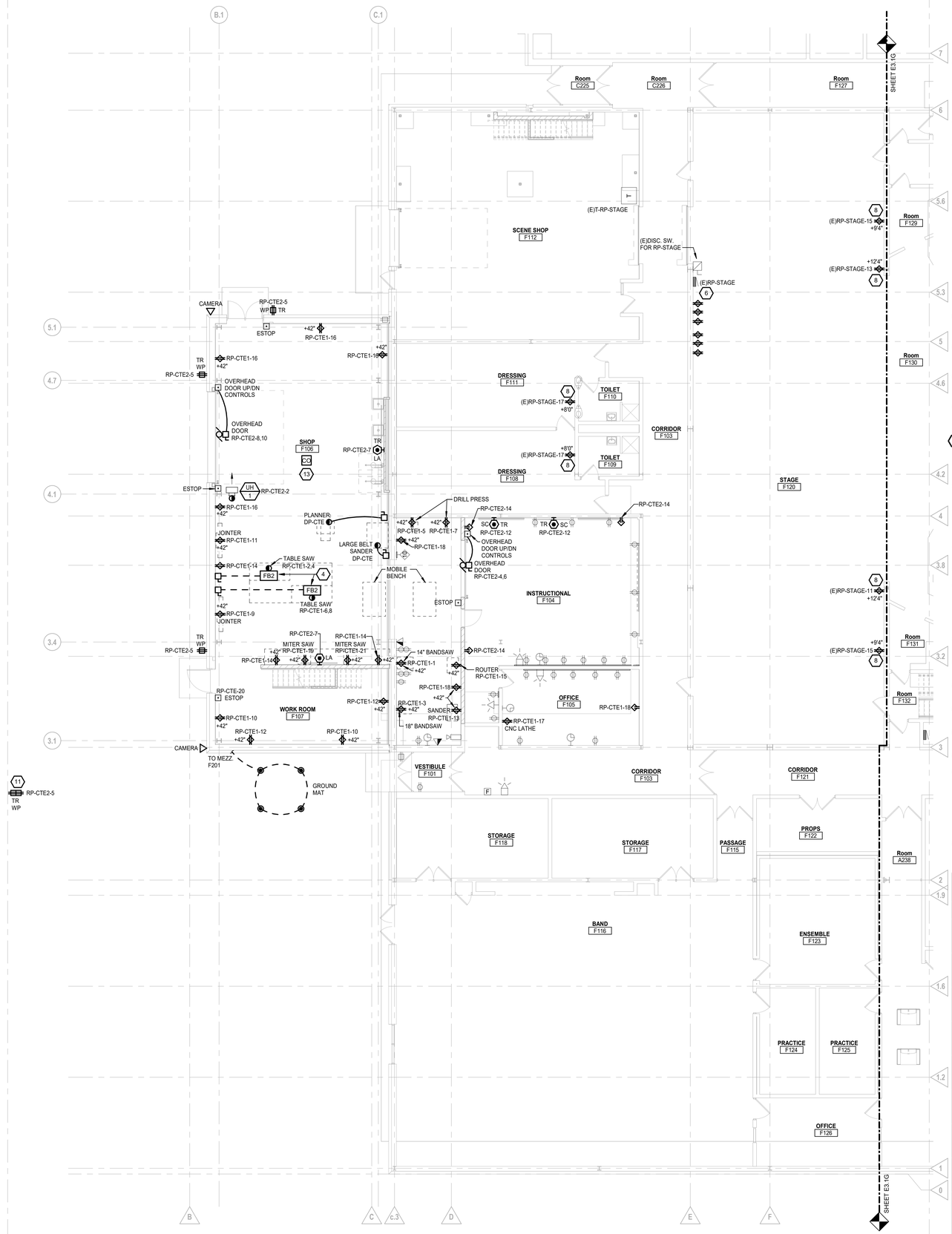
STORAGE MEZZANINE FLOOR POWER AND AUX PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"



MEZZANINE FLOOR POWER AND AUX PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"



FIRST LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'F'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1. THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
4. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
5. TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
6. MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
7. COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.
8. COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.
9. REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.
10. REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.
11. REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.
12. CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.
13. PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

CONSTRUCTION KEY NOTES:

1. PROVIDE 2.2KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE.
2. PROVIDE ADDRESSABLE VOICE FIRE ALARM CONTROL PANEL. CROSS-TIE NEW FACP WITH EXISTING SYSTEM.
3. PUSHPAD FOR AUTOMATIC DOORS. ALL DOOR AND PUSH PAD HARDWARE IS PROVIDED BY DOOR CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL PUSHPADS AND PROVIDE CONDUIT AND WIRE FOR COMPLETE OPERATION. COORDINATE WORK WITH DOOR CONTRACTOR. PUSH PAD BOX IS DOUBLE GANG.
4. PROVIDE FLOOR BOX CONNECTED TO DISCONNECT SWITCH ON WALL. PROVIDE HARDWIRE CONNECTION FROM DISCONNECT TO TABLESAW THRU FLOOR BOX.
5. INDOOR UNIT POWER FEED THROUGH OUTDOOR UNIT.
6. RECONNECT ALL EXISTING TO REMAIN WOOD SHOP BRANCH CIRCUITS PREVIOUSLY SERVED FROM (E)RP-STAGE TO NEW PANEL RP-CTE1. PROVIDE SAME SIZE BREAKERS AS PREVIOUSLY SERVING LOAD.
7. EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN ROOM TO SERVE NEW RECEPTACLES.
8. COORDINATE EXACT LOCATION WITH AV SERIES DRAWINGS ISSUED IN PREVIOUSLY & AS DIRECTED BY AUDIO-VISUAL CONTRACTOR. .
9. PROVIDE 1.0KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE
10. PROVIDE (2) 4'X8' PLYWOOD BACKBOARDS IN IDF FOR IT EQUIPMENT. PROVIDE (1)QUAD RECEPTACLE AT EACH BACKBOARD.
11. MOUNT RECEPTACLE ON NEARBY EXISTING SITE POLE BASE FOR POWER AT EXTERIOR BUILDING PAD. COORDINATE EXACT LOCATION IN THE FIELD.
12. EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN SPACE TO NEW RECEPTACLE ON MEZZANAINE.
13. PROVIDE CARBON MONOXIDE DETECTION IN SPACE.
14. DUCT SMOKE DETECTOR SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE MOUNTING LOCATION AND QUANTITY WITH THE MECHANICAL DUCTWORK CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE DUCT SMOKE DETECTOR/ERU SUPPLY/RETURN FAN MOTOR CONTROLLER SO THAT UPON DETECTION OF SMOKE, THE SUPPLY/RETURN FAN WILL SHUT DOWN. THIS SHALL BE ACCOMPLISHED VIA THE FIRE ALARM CONTROL PANEL. PROVIDE ALL REQUIRED CONTROL MODULES AND RELAYS. COORDINATE WITH THE TEMPERATURE CONTROLS/FIRE ALARM CONTRACTOR. PROVIDE WEATHERPROOF ENCLOSURES AS REQUIRED.
15. HEAT TRACE BY OTHERS.

A/V, SECURITY & TELECOMMUNICATIONS SCHEDULE

SYMBOL	DESCRIPTION
LA	WALL MOUNTED MONITOR. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LB	WALL MOUNTED DISPLAY. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LD	WALL MOUNTED DISPLAY WITH TECHNOLOGY CONNECTIONS TO POKE-THRU. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET ON WALL.
LE	CEILING MOUNTED MONITOR. (1) QUAD RECEPTACLE MOUNTED IN CEILING ADJACENT TO TECHNOLOGY OUTLET.
SB	(1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY. ONE DUPLEX RECEPTACLE OF QUAD RECEPTACLE TO BE CONTROLLED.
SC	(1) DUPLEX RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY.
▽	OUTLET BOX WITH CONDUIT STUBBED TO ACCESSIBLE CEILING FOR TECHNOLOGY. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.
	WALL MOUNTED CLOCK. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY BOX AND RACEWAYS REQUIREMENTS AND SIZES.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS MOUNTING HEIGHTS, LOCATIONS, AND INSTALLATION DETAILS.

ELECTRICAL CONTRACTOR TO PROVIDE ALL BOXES AND RACEWAYS REQUIRED TO SERVE ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY EQUIPMENT AND OUTLETS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

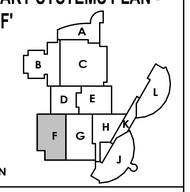
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'F'

KEY PLAN



ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

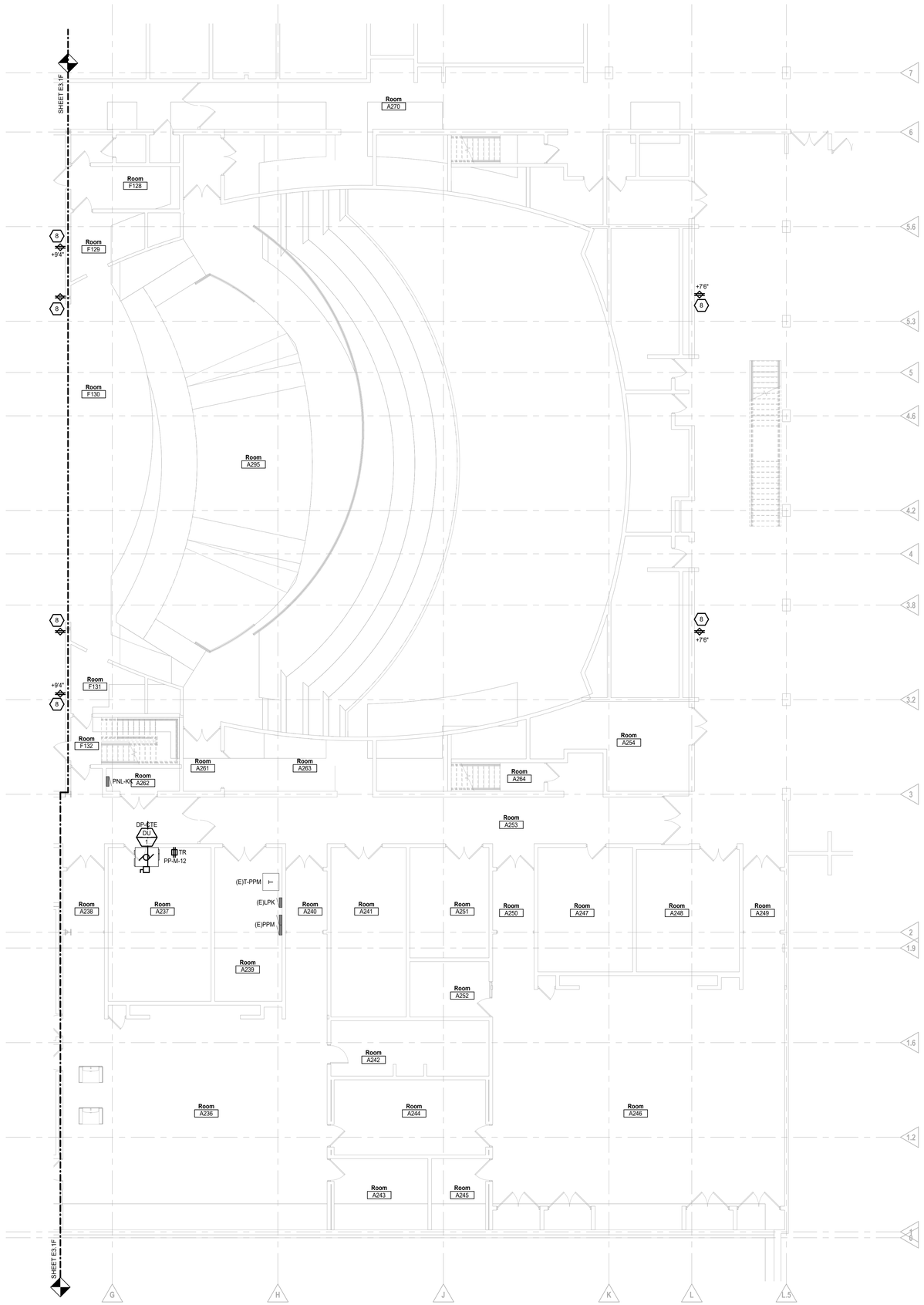
25026D

DRAWING NO.

E3.1F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:34:57 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'G'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

4 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

5 TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

6 MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

7 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.

8 COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.

9 REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.

10 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

11 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

12 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

13 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE 2.2KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE.

2 PROVIDE ADDRESSABLE VOICE FIRE ALARM CONTROL PANEL. CROSS-TIE NEW FACP WITH EXISTING SYSTEM.

3 PUSHPAD FOR AUTOMATIC DOORS. ALL DOOR AND PUSH PAD HARDWARE IS PROVIDED BY DOOR CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL PUSHPADS AND PROVIDE CONDUIT AND WIRE FOR COMPLETE OPERATION. COORDINATE WORK WITH DOOR CONTRACTOR. PUSH PAD BOX IS DOUBLE GANG.

4 PROVIDE FLOOR BOX CONNECTED TO DISCONNECT SWITCH ON WALL. PROVIDE HARDWIRE CONNECTION FROM DISCONNECT TO TABLESAW THRU FLOOR BOX.

5 INDOOR UNIT POWER FEED THROUGH OUTDOOR UNIT.

6 RECONNECT ALL EXISTING TO REMAIN WOOD SHOP BRANCH CIRCUITS PREVIOUSLY SERVED FROM (E)RP-STAGE TO NEW PANEL RP-CTE1. PROVIDE SAME SIZE BREAKERS AS PREVIOUSLY SERVING LOAD.

7 EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN ROOM TO SERVE NEW RECEPTACLES.

8 COORDINATE EXACT LOCATION WITH AV SERIES DRAWINGS ISSUED IN PREVIOUSLY & AS DIRECTED BY AUDIO-VISUAL CONTRACTOR. .

9 PROVIDE 1.0KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE

10 PROVIDE (2) 4'X8" PLYWOOD BACKBOARDS IN IDF FOR IT EQUIPMENT. PROVIDE (1)QUAD RECEPTACLE AT EACH BACKBOARD.

11 MOUNT RECEPTACLE ON NEARBY EXISTING SITE POLE BASE FOR POWER AT EXTERIOR BUILDING PAD. COORDINATE EXACT LOCATION IN THE FIELD.

12 EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN SPACE TO NEW RECEPTACLE ON MEZZANAINE.

13 PROVIDE CARBON MONOXIDE DETECTION IN SPACE.

14 DUCT SMOKE DETECTOR SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE MOUNTING LOCATION AND QUANTITY WITH THE MECHANICAL DUCTWORK CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE DUCT SMOKE DETECTOR/ERU SUPPLY/RETURN FAN MOTOR CONTROLLER SO THAT UPON DETECTION OF SMOKE, THE SUPPLY/RETURN FAN WILL SHUT DOWN. THIS SHALL BE ACCOMPLISHED VIA THE FIRE ALARM CONTROL PANEL. PROVIDE ALL REQUIRED CONTROL MODULES AND RELAYS. COORDINATE WITH THE TEMPERATURE CONTROLS/FIRE ALARM CONTRACTOR. PROVIDE WEATHERPROOF ENCLOSURES AS REQUIRED.

15 HEAT TRACE BY OTHERS.

A/V, SECURITY & TELECOMMUNICATIONS SCHEDULE

SYMBOL	DESCRIPTION
LA	WALL MOUNTED MONITOR. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LB	WALL MOUNTED DISPLAY. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LD	WALL MOUNTED DISPLAY WITH TECHNOLOGY CONNECTIONS TO POKE-THRU. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET ON WALL.
LE	CEILING MOUNTED MONITOR. (1) QUAD RECEPTACLE MOUNTED IN CEILING ADJACENT TO TECHNOLOGY OUTLET.
SB	(1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY. ONE DUPLEX RECEPTACLE OF QUAD RECEPTACLE TO BE CONTROLLED.
SC	(1) DUPLEX RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY.
▽	OUTLET BOX WITH CONDUIT STUBBED TO ACCESSIBLE CEILING FOR TECHNOLOGY. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.
	WALL MOUNTED CLOCK. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY BOX AND RACEWAYS REQUIREMENTS AND SIZES.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS MOUNTING HEIGHTS, LOCATIONS, AND INSTALLATION DETAILS.

ELECTRICAL CONTRACTOR TO PROVIDE ALL BOXES AND RACEWAYS REQUIRED TO SERVE ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY EQUIPMENT AND OUTLETS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

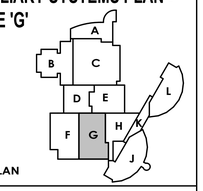
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'G'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

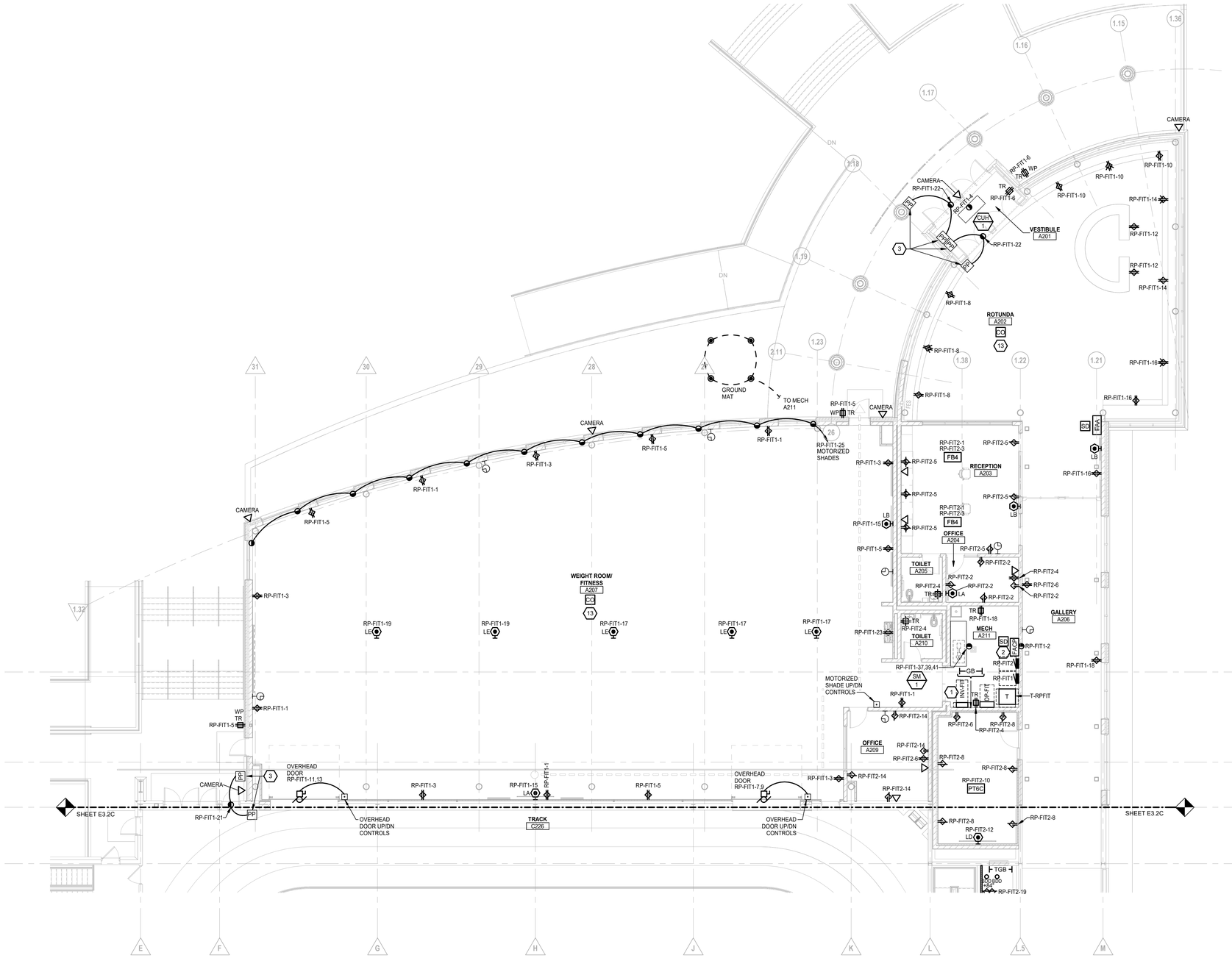
25026D

DRAWING NO.

E3.1G

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:34:59 AM

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

4 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

5 TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

6 MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

7 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.

8 COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.

9 REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.

10 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

11 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

12 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

13 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE 2.2KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE.

2 PROVIDE ADDRESSABLE VOICE FIRE ALARM CONTROL PANEL. CROSS-TIE NEW FACP WITH EXISTING SYSTEM.

3 PUSHPAD FOR AUTOMATIC DOORS. ALL DOOR AND PUSH PAD HARDWARE IS PROVIDED BY DOOR CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL PUSHPADS AND PROVIDE CONDUIT AND WIRE FOR COMPLETE OPERATION. COORDINATE WORK WITH DOOR CONTRACTOR. PUSH PAD BOX IS DOUBLE GANG.

4 PROVIDE FLOOR BOX CONNECTED TO DISCONNECT SWITCH ON WALL. PROVIDE HARDWIRE CONNECTION FROM DISCONNECT TO TABLESAW THRU FLOOR BOX.

5 INDOOR UNIT POWER FEED THROUGH OUTDOOR UNIT.

6 RECONNECT ALL EXISTING TO REMAIN WOOD SHOP BRANCH CIRCUITS PREVIOUSLY SERVED FROM (E)RP-STAGE TO NEW PANEL RP-CTE1. PROVIDE SAME SIZE BREAKERS AS PREVIOUSLY SERVING LOAD.

7 EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN ROOM TO SERVE NEW RECEPTACLES.

8 COORDINATE EXACT LOCATION WITH AV SERIES DRAWINGS ISSUED IN PREVIOUSLY & AS DIRECTED BY AUDIO-VISUAL CONTRACTOR. .

9 PROVIDE 1.0KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE

10 PROVIDE (2) 4'X8' PLYWOOD BACKBOARDS IN IDF FOR IT EQUIPMENT. PROVIDE (1)QUAD RECEPTACLE AT EACH BACKBOARD.

11 MOUNT RECEPTACLE ON NEARBY EXISTING SITE POLE BASE FOR POWER AT EXTERIOR BUILDING PAD. COORDINATE EXACT LOCATION IN THE FIELD.

12 EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN SPACE TO NEW RECEPTACLE ON MEZZANAINE.

13 PROVIDE CARBON MONOXIDE DETECTION IN SPACE.

14 DUCT SMOKE DETECTOR SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE MOUNTING LOCATION AND QUANTITY WITH THE MECHANICAL DUCTWORK CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE DUCT SMOKE DETECTOR/ERU SUPPLY/RETURN FAN MOTOR CONTROLLER SO THAT UPON DETECTION OF SMOKE, THE SUPPLY/RETURN FAN WILL SHUT DOWN. THIS SHALL BE ACCOMPLISHED VIA THE FIRE ALARM CONTROL PANEL. PROVIDE ALL REQUIRED CONTROL MODULES AND RELAYS. COORDINATE WITH THE TEMPERATURE CONTROLS/FIRE ALARM CONTRACTOR. PROVIDE WEATHERPROOF ENCLOSURES AS REQUIRED.

15 HEAT TRACE BY OTHERS.

A/V, SECURITY & TELECOMMUNICATIONS SCHEDULE

SYMBOL	DESCRIPTION
LA	WALL MOUNTED MONITOR. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LB	WALL MOUNTED DISPLAY. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LD	WALL MOUNTED DISPLAY WITH TECHNOLOGY CONNECTIONS TO POKE-THRU. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET ON WALL.
LE	CEILING MOUNTED MONITOR. (1) QUAD RECEPTACLE MOUNTED IN CEILING ADJACENT TO TECHNOLOGY OUTLET.
SB	(1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY. ONE DUPLEX RECEPTACLE OF QUAD RECEPTACLE TO BE CONTROLLED.
SC	(1) DUPLEX RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY.
▽	OUTLET BOX WITH CONDUIT STUBBED TO ACCESSIBLE CEILING FOR TECHNOLOGY. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.
	WALL MOUNTED CLOCK. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY BOX AND RACEWAYS REQUIREMENTS AND SIZES.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS MOUNTING HEIGHTS, LOCATIONS, AND INSTALLATION DETAILS.

ELECTRICAL CONTRACTOR TO PROVIDE ALL BOXES AND RACEWAYS REQUIRED TO SERVE ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY EQUIPMENT AND OUTLETS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

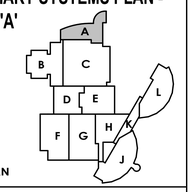
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'A'

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

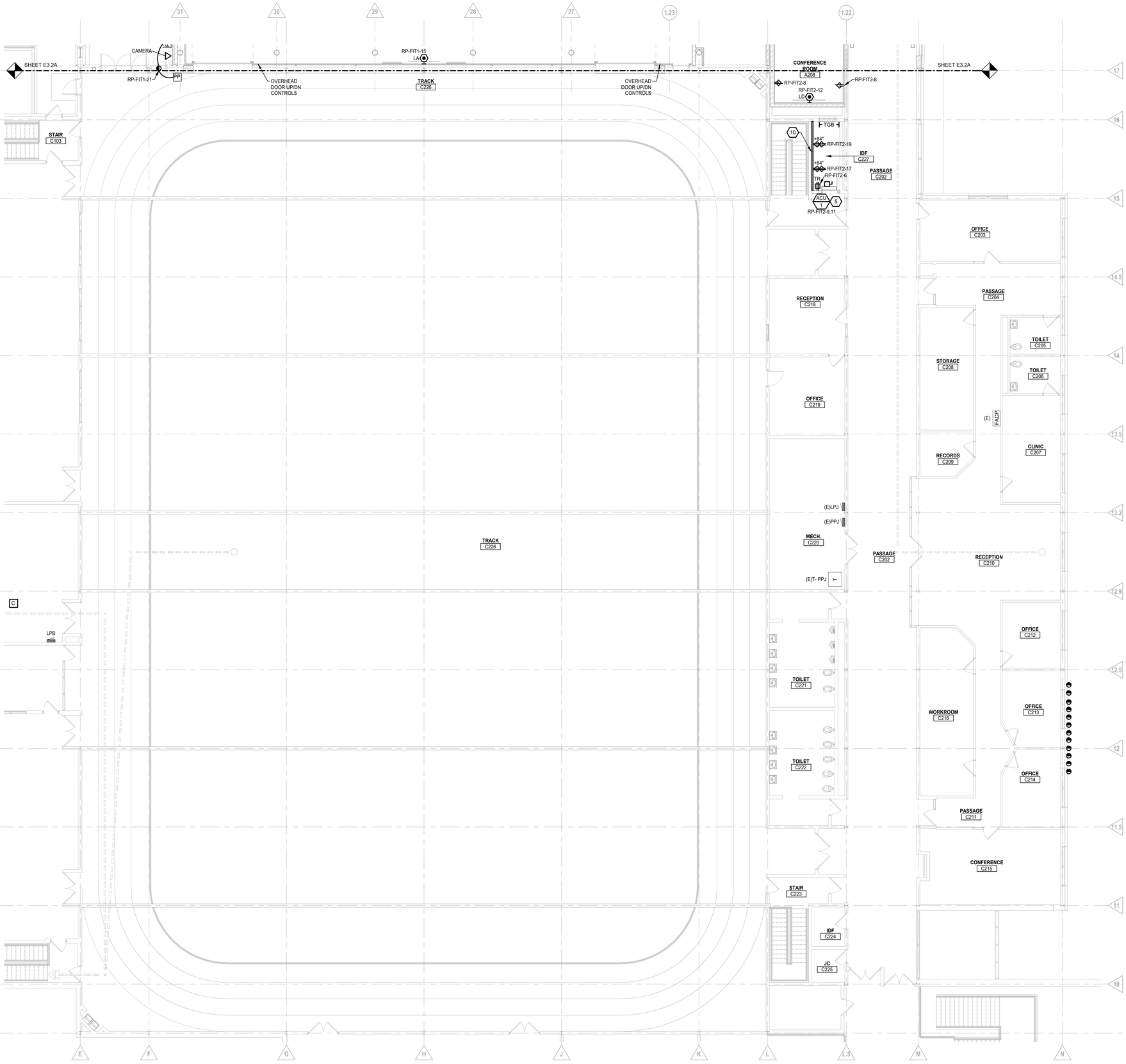
25026D

DRAWING NO.

E3.2A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:35:02 AM
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'C'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1. THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.
2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
3. COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
4. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
5. TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
6. MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.
7. COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.
8. COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.
9. REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.
10. REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.
11. REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.
12. CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.
13. PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1. PROVIDE 2.2KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE.
2. PROVIDE ADDRESSABLE VOICE FIRE ALARM CONTROL PANEL. CROSS-TIE NEW FACP WITH EXISTING SYSTEM.
3. PUSHPAD FOR AUTOMATIC DOORS. ALL DOOR AND PUSH PAD HARDWARE IS PROVIDED BY DOOR CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL PUSHPADS AND PROVIDE CONDUIT AND WIRE FOR COMPLETE OPERATION. COORDINATE WORK WITH DOOR CONTRACTOR. PUSH PAD BOX IS DOUBLE GANG.
4. PROVIDE FLOOR BOX CONNECTED TO DISCONNECT SWITCH ON WALL. PROVIDE HARDWIRE CONNECTION FROM DISCONNECT TO TABLESAW THRU FLOOR BOX.
5. INDOOR UNIT POWER FEED THROUGH OUTDOOR UNIT.
6. RECONNECT ALL EXISTING TO REMAIN WOOD SHOP BRANCH CIRCUITS PREVIOUSLY SERVED FROM (E)RP-STAGE TO NEW PANEL RP-CTE1. PROVIDE SAME SIZE BREAKERS AS PREVIOUSLY SERVING LOAD.
7. EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN ROOM TO SERVE NEW RECEPTACLES.
8. COORDINATE EXACT LOCATION WITH AV SERIES DRAWINGS ISSUED IN PREVIOUSLY & AS DIRECTED BY AUDIO-VISUAL CONTRACTOR. .
9. PROVIDE 1.0KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE
10. PROVIDE (2) 4'X8' PLYWOOD BACKBOARDS IN IDF FOR IT EQUIPMENT. PROVIDE (1)QUAD RECEPTACLE AT EACH BACKBOARD.
11. MOUNT RECEPTACLE ON NEARBY EXISTING SITE POLE BASE FOR POWER AT EXTERIOR BUILDING PAD. COORDINATE EXACT LOCATION IN THE FIELD.
12. EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN SPACE TO NEW RECEPTACLE ON MEZZANAINE.
13. PROVIDE CARBON MONOXIDE DETECTION IN SPACE.
14. DUCT SMOKE DETECTOR SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE MOUNTING LOCATION AND QUANTITY WITH THE MECHANICAL DUCTWORK CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE DUCT SMOKE DETECTOR/ERU SUPPLY/RETURN FAN MOTOR CONTROLLER SO THAT UPON DETECTION OF SMOKE, THE SUPPLY/RETURN FAN WILL SHUT DOWN. THIS SHALL BE ACCOMPLISHED VIA THE FIRE ALARM CONTROL PANEL. PROVIDE ALL REQUIRED CONTROL MODULES AND RELAYS. COORDINATE WITH THE TEMPERATURE CONTROLS/FIRE ALARM CONTRACTOR. PROVIDE WEATHERPROOF ENCLOSURES AS REQUIRED.
15. HEAT TRACE BY OTHERS.

A/V, SECURITY & TELECOMMUNICATIONS SCHEDULE

SYMBOL	DESCRIPTION
LA	WALL MOUNTED MONITOR. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LB	WALL MOUNTED DISPLAY. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LD	WALL MOUNTED DISPLAY WITH TECHNOLOGY CONNECTIONS TO POKE-THRU. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET ON WALL.
LE	CEILING MOUNTED MONITOR. (1) QUAD RECEPTACLE MOUNTED IN CEILING ADJACENT TO TECHNOLOGY OUTLET.
SB	(1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY. ONE DUPLEX RECEPTACLE OF QUAD RECEPTACLE TO BE CONTROLLED.
SC	(1) DUPLEX RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY.
	OUTLET BOX WITH CONDUIT STUBBED TO ACCESSIBLE CEILING FOR TECHNOLOGY. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.
	WALL MOUNTED CLOCK. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY BOX AND RACEWAYS REQUIREMENTS AND SIZES.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS MOUNTING HEIGHTS, LOCATIONS, AND INSTALLATION DETAILS.

ELECTRICAL CONTRACTOR TO PROVIDE ALL BOXES AND RACEWAYS REQUIRED TO SERVE ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY EQUIPMENT AND OUTLETS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

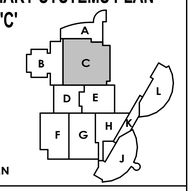
Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'C'

KEY PLAN



ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

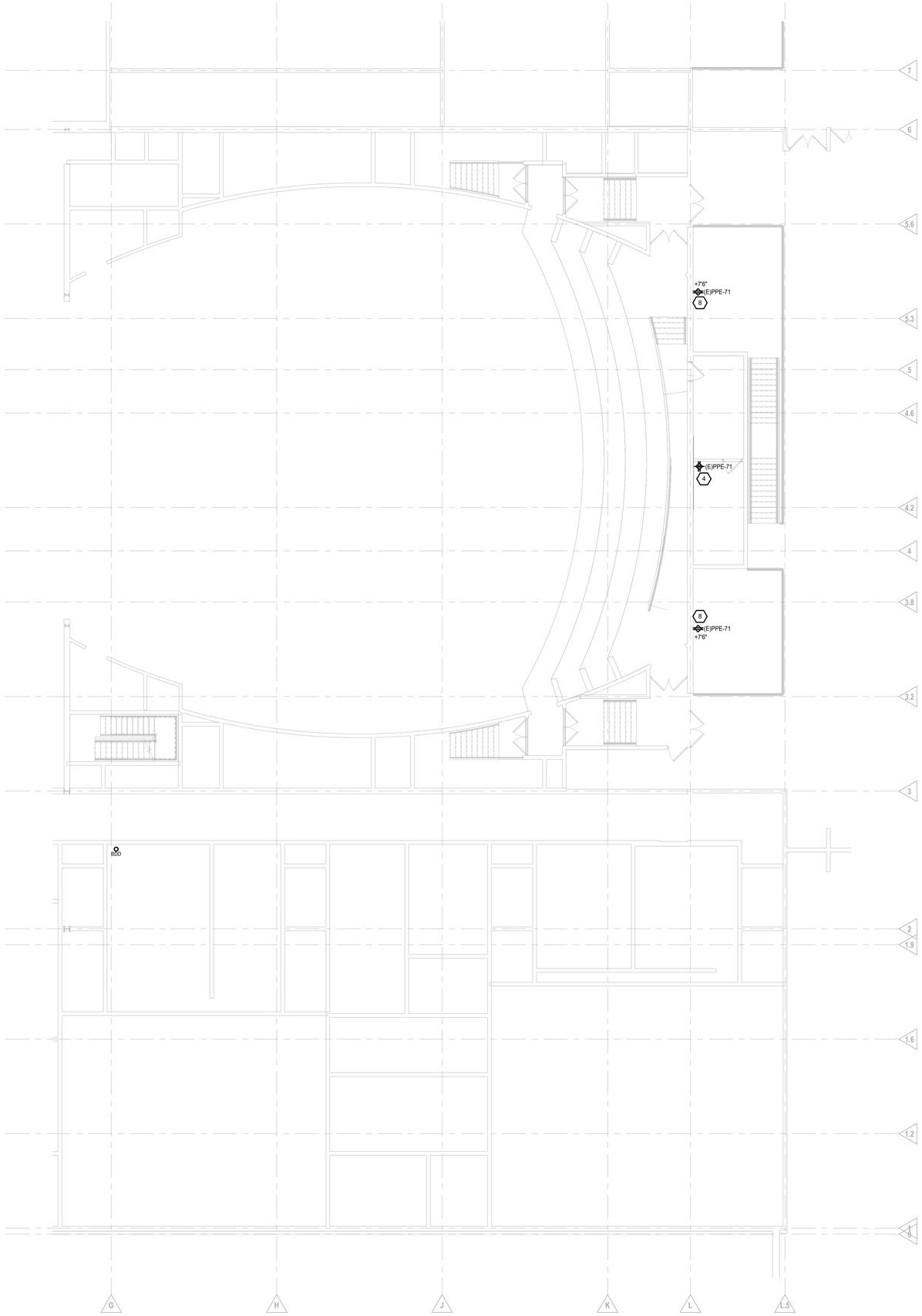
25026D

DRAWING NO.

E3.2C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:35:06 AM Autodesk Docs//25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



SECOND LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'G'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

4 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

5 TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

6 MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

7 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.

8 COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.

9 REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.

10 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

11 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

12 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

13 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE 2.2KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE.

2 PROVIDE ADDRESSABLE VOICE FIRE ALARM CONTROL PANEL. CROSS-TIE NEW FACP WITH EXISTING SYSTEM.

3 PUSHPAD FOR AUTOMATIC DOORS. ALL DOOR AND PUSH PAD HARDWARE IS PROVIDED BY DOOR CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL PUSHPADS AND PROVIDE CONDUIT AND WIRE FOR COMPLETE OPERATION. COORDINATE WORK WITH DOOR CONTRACTOR. PUSH PAD BOX IS DOUBLE GANG.

4 PROVIDE FLOOR BOX CONNECTED TO DISCONNECT SWITCH ON WALL. PROVIDE HARDWIRE CONNECTION FROM DISCONNECT TO TABLESAW THRU FLOOR BOX.

5 INDOOR UNIT POWER FEED THROUGH OUTDOOR UNIT.

6 RECONNECT ALL EXISTING TO REMAIN WOOD SHOP BRANCH CIRCUITS PREVIOUSLY SERVED FROM (E)RP-STAGE TO NEW PANEL RP-CTE1. PROVIDE SAME SIZE BREAKERS AS PREVIOUSLY SERVING LOAD.

7 EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN ROOM TO SERVE NEW RECEPTACLES.

8 COORDINATE EXACT LOCATION WITH AV SERIES DRAWINGS ISSUED IN PREVIOUSLY & AS DIRECTED BY AUDIO-VISUAL CONTRACTOR. .

9 PROVIDE 1.0KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE

10 PROVIDE (2) 4'X8' PLYWOOD BACKBOARDS IN IDF FOR IT EQUIPMENT. PROVIDE (1)QUAD RECEPTACLE AT EACH BACKBOARD.

11 MOUNT RECEPTACLE ON NEARBY EXISTING SITE POLE BASE FOR POWER AT EXTERIOR BUILDING PAD. COORDINATE EXACT LOCATION IN THE FIELD.

12 EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN SPACE TO NEW RECEPTACLE ON MEZZANAINE.

13 PROVIDE CARBON MONOXIDE DETECTION IN SPACE.

14 DUCT SMOKE DETECTOR SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE MOUNTING LOCATION AND QUANTITY WITH THE MECHANICAL DUCTWORK CONTRACTOR. ELECTRICAL CONTRACTOR SHALL WIRE DUCT SMOKE DETECTOR/ERU SUPPLY/RETURN FAN MOTOR CONTROLLER SO THAT UPON DETECTION OF SMOKE, THE SUPPLY/RETURN FAN WILL SHUT DOWN. THIS SHALL BE ACCOMPLISHED VIA THE FIRE ALARM CONTROL PANEL. PROVIDE ALL REQUIRED CONTROL MODULES AND RELAYS. COORDINATE WITH THE TEMPERATURE CONTROLS/FIRE ALARM CONTRACTOR. PROVIDE WEATHERPROOF ENCLOSURES AS REQUIRED.

15 HEAT TRACE BY OTHERS.

A/V, SECURITY & TELECOMMUNICATIONS SCHEDULE

SYMBOL	DESCRIPTION
LA	WALL MOUNTED MONITOR. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LB	WALL MOUNTED DISPLAY. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
LD	WALL MOUNTED DISPLAY WITH TECHNOLOGY CONNECTIONS TO POKE-THRU. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET ON WALL.
LE	CEILING MOUNTED MONITOR. (1) QUAD RECEPTACLE MOUNTED IN CEILING ADJACENT TO TECHNOLOGY OUTLET.
SB	(1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY. ONE DUPLEX RECEPTACLE OF QUAD RECEPTACLE TO BE CONTROLLED.
SC	(1) DUPLEX RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET IN SURFACE RACEWAY.
	OUTLET BOX WITH CONDUIT STUBBED TO ACCESSIBLE CEILING FOR TECHNOLOGY. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.
	WALL MOUNTED CLOCK. REFER TO TC AND TR SERIES DRAWINGS FOR BOX AND CONDUIT REQUIREMENTS.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY BOX AND RACEWAYS REQUIREMENTS AND SIZES.

REFER TO TC AND TR SERIES DRAWINGS FOR ALL AUDIO/VISUAL, TELECOMMUNICATIONS MOUNTING HEIGHTS, LOCATIONS, AND INSTALLATION DETAILS.

ELECTRICAL CONTRACTOR TO PROVIDE ALL BOXES AND RACEWAYS REQUIRED TO SERVE ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY EQUIPMENT AND OUTLETS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

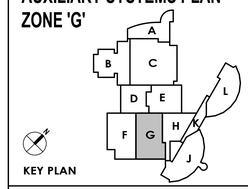
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

SECOND LEVEL POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

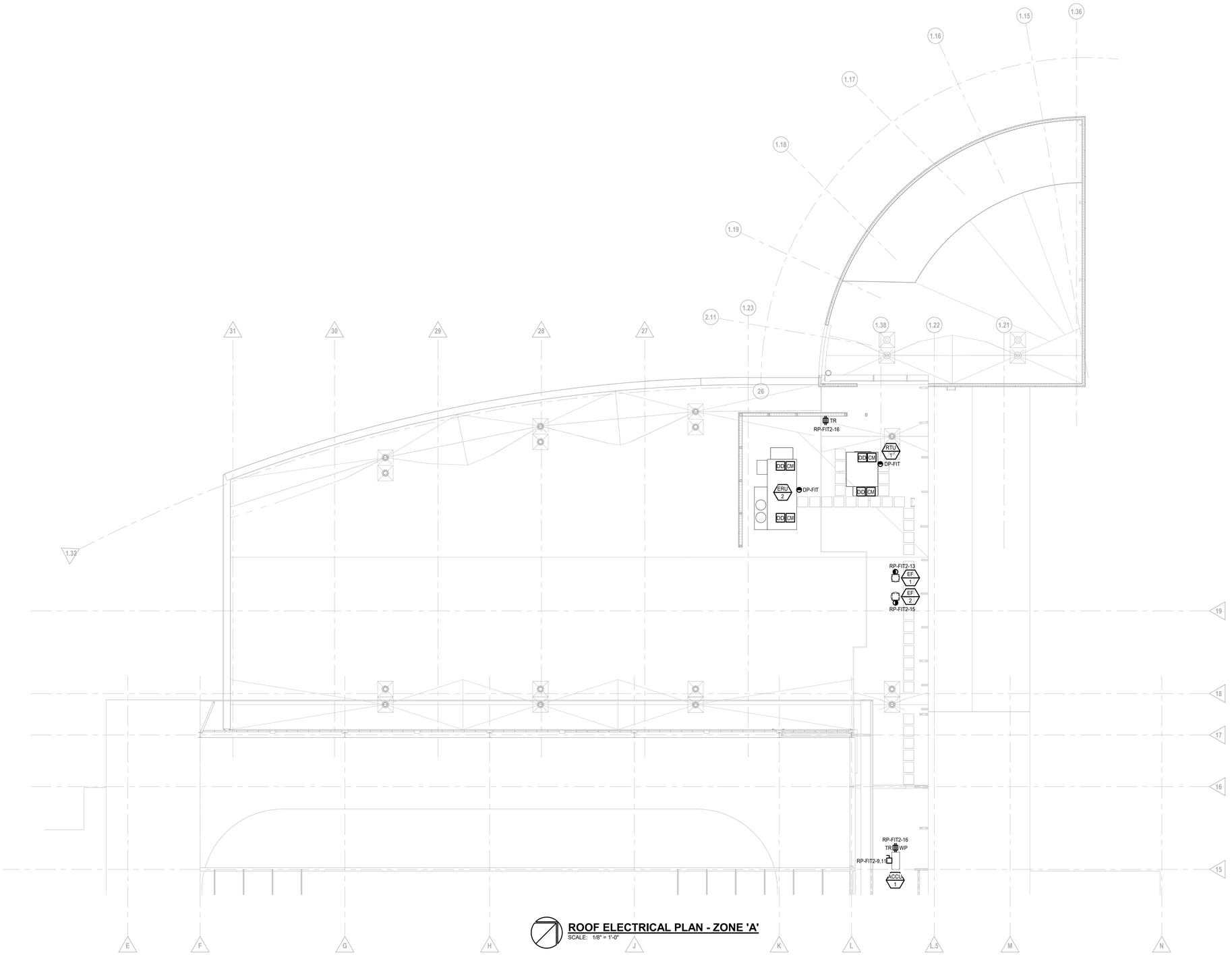
25026D

DRAWING NO.

E3.2G

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/6/2026 9:35:07 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



ROOF ELECTRICAL PLAN - ZONE 'A'

SCALE: 1/8" = 1'-0"

ELECTRICAL GENERAL NOTES:

1 THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.

2 INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.

3 COORDINATE AND PROVIDE ACCESS DOORS WITHIN INACCESSIBLE CEILING, SHAFT, AND CHASE AREAS FOR ALL COMPONENTS WHICH REQUIRE SERVICE ACCESS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

4 PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.

5 TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TRANSFORMER CIRCUIT SIZING SCHEDULE SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

6 MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH MOTOR CIRCUIT SIZING SCHEDULES SHOWN ON "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS OTHERWISE NOTED.

7 COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.

8 COORDINATE EXACT LOCATIONS OF ALL FLOOR SERVICE FITTINGS AND POKE-THROUGH ASSEMBLIES WITH FINAL FURNITURE LAYOUT DRAWINGS.

9 REFER TO MECHANICAL SCHEDULE SHEETS FOR ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT. PROVIDE ALL CONNECTIONS, STARTERS, DISCONNECTS, ETC. AS REQUIRED BY SCHEDULES AND WHERE NOTED ELSEWHERE. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH SHOP DRAWINGS SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN EQUIPMENT SUBMITTALS AND ELECTRICAL DRAWINGS. WHERE CIRCUIT SIZES ARE SHOWN ON THE ELECTRICAL DRAWINGS THAT DIFFER FROM WHAT IS INDICATED ON THE MECHANICAL SCHEDULES, PROVIDE THE CIRCUIT OF HIGHER AMPACITY.

10 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

11 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

12 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

13 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 PROVIDE 2.2KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE.

2 PROVIDE ADDRESSABLE VOICE FIRE ALARM CONTROL PANEL. CROSS-TIE NEW FACP WITH EXISTING SYSTEM.

3 PUSHPAD FOR AUTOMATIC DOORS. ALL DOOR AND PUSH PAD HARDWARE IS PROVIDED BY DOOR CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL PUSHPADS AND PROVIDE CONDUIT AND WIRE FOR COMPLETE OPERATION. COORDINATE WORK WITH DOOR CONTRACTOR. PUSH PAD BOX IS DOUBLE GANG.

4 PROVIDE FLOOR BOX CONNECTED TO DISCONNECT SWITCH ON WALL. PROVIDE HARDWIRE CONNECTION FROM DISCONNECT TO TABLESAW THRU FLOOR BOX.

5 INDOOR UNIT POWER FEED THROUGH OUTDOOR UNIT.

6 RECONNECT ALL EXISTING TO REMAIN WOOD SHOP BRANCH CIRCUITS PREVIOUSLY SERVED FROM (E)RP-STAGE TO NEW PANEL RP-CTE1. PROVIDE SAME SIZE BREAKERS AS PREVIOUSLY SERVING LOAD.

7 EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN ROOM TO SERVE NEW RECEPTACLES.

8 COORDINATE EXACT LOCATION WITH AV SERIES DRAWINGS ISSUED IN PREVIOUSLY & AS DIRECTED BY AUDIO-VISUAL CONTRACTOR. .

9 PROVIDE 1.0KVA CENTRAL BATTERY INVERTER, 480/277V INPUT / 480/277V OUTPUT, WITH BREAKERS AS INDICATED IN PANEL SCHEDULE

10 PROVIDE (2) 4'X8" PLYWOOD BACKBOARDS IN IDF FOR IT EQUIPMENT. PROVIDE (1)QUAD RECEPTACLE AT EACH BACKBOARD.

11 MOUNT RECEPTACLE ON NEARBY EXISTING SITE POLE BASE FOR POWER AT EXTERIOR BUILDING PAD. COORDINATE EXACT LOCATION IN THE FIELD.

12 EXTEND EXISTING RECEPTACLE BRANCH CIRCUIT WITHIN SPACE TO NEW RECEPTACLE ON MEZZANAINE.

13 PROVIDE CARBON MONOXIDE DETECTION IN SPACE.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

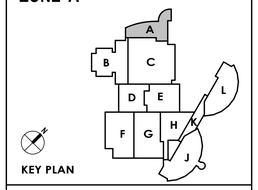
PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ROOF ELECTRICAL PLAN - ZONE 'A'



KEY PLAN

ISSUE DATES

03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	DMN
CHECKED	STP
APPROVED	STP

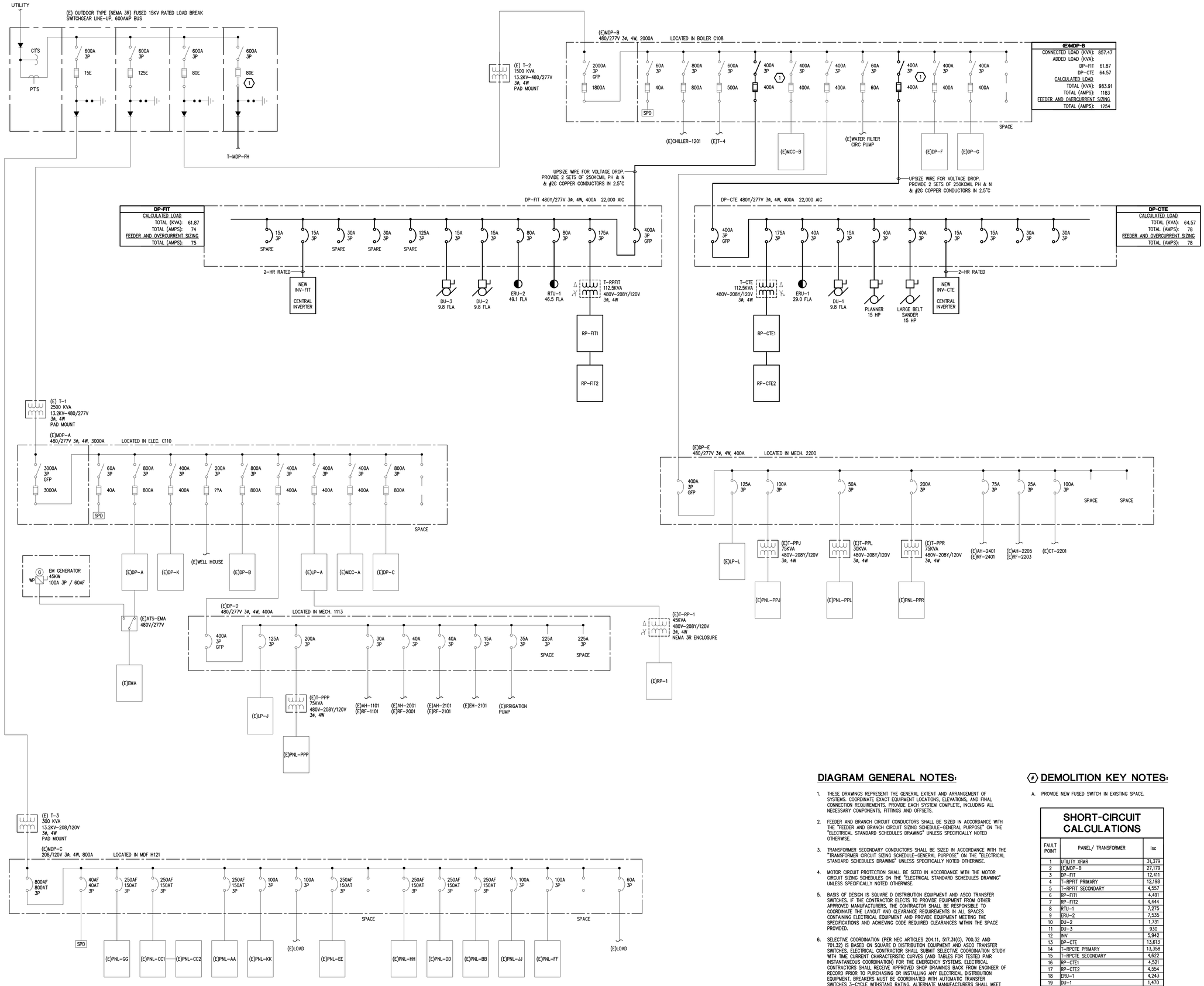
PROJECT NO.

25026D

DRAWING NO.

E3.3A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 8:18:04 AM
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt



ONE LINE DIAGRAM
NO SCALE

DIAGRAM GENERAL NOTES:

1. THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS. COORDINATE EXACT EQUIPMENT LOCATIONS, ELEVATIONS, AND FINAL CONNECTION REQUIREMENTS. PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.
2. FEEDER AND BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH THE "FEEDER AND BRANCH CIRCUIT SIZING SCHEDULE-GENERAL PURPOSE" ON THE "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS SPECIFICALLY NOTED OTHERWISE.
3. TRANSFORMER SECONDARY CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH THE "TRANSFORMER CIRCUIT SIZING SCHEDULE-GENERAL PURPOSE" ON THE "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS SPECIFICALLY NOTED OTHERWISE.
4. MOTOR CIRCUIT PROTECTION SHALL BE SIZED IN ACCORDANCE WITH THE MOTOR CIRCUIT SIZING SCHEDULES ON THE "ELECTRICAL STANDARD SCHEDULES DRAWING" UNLESS SPECIFICALLY NOTED OTHERWISE.
5. BASIS OF DESIGN IS SQUARE D DISTRIBUTION EQUIPMENT AND ASCO TRANSFER SWITCHES. IF THE CONTRACTOR ELECTS TO PROVIDE EQUIPMENT FROM OTHER APPROVED MANUFACTURERS, THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE LAYOUT AND CLEARANCE REQUIREMENTS IN ALL SPACES CONTAINING ELECTRICAL EQUIPMENT AND PROVIDE EQUIPMENT MEETING THE SPECIFICATIONS AND ACHIEVING CODE REQUIRED CLEARANCES WITHIN THE SPACE PROVIDED.
6. SELECTIVE COORDINATION (PER NEC ARTICLES 204.11, 517.31(G), 700.32 AND 701.32) IS BASED ON SQUARE D DISTRIBUTION EQUIPMENT AND ASCO TRANSFER SWITCHES. ELECTRICAL CONTRACTOR SHALL SUBMIT SELECTIVE COORDINATION STUDY WITH TIME CURRENT CHARACTERISTIC CURVES (AND TABLES FOR TESTED PAIR INSTANTANEOUS COORDINATION) FOR THE EMERGENCY SYSTEMS. ELECTRICAL CONTRACTORS SHALL RECEIVE APPROVED SHOP DRAWINGS BACK FROM ENGINEER OF RECORD PRIOR TO PURCHASING OR INSTALLING ANY ELECTRICAL DISTRIBUTION EQUIPMENT. BREAKERS MUST BE COORDINATED WITH AUTOMATIC TRANSFER SWITCHES 3-CYCLE WITHSTAND RATING. ALTERNATE MANUFACTURERS SHALL MEET SELECTIVE COORDINATION CRITERIA AT NO ADDITIONAL COST TO THE PROJECT.

(#) DEMOLITION KEY NOTES:

A. PROVIDE NEW FUSED SWITCH IN EXISTING SPACE.

SHORT-CIRCUIT CALCULATIONS

FAULT POINT	PANEL/ TRANSFORMER	Isc
1	UTILITY XFMR	31,379
2	(E)MDP-B	27,179
3	DP-FIT	12,411
4	T-RPFIT PRIMARY	12,198
5	T-RPFIT SECONDARY	4,557
6	RP-FIT1	4,491
7	RP-FIT2	4,444
8	RTU-1	7,275
9	ERU-2	7,535
10	DU-2	1,731
11	DU-3	930
12	INV	5,942
13	DP-CTE	13,613
14	T-RPCTE PRIMARY	13,358
15	T-RPCTE SECONDARY	4,622
16	RP-CTE1	4,521
17	RP-CTE2	4,554
18	ERU-1	4,243
19	DU-1	1,470
20	PLANER	3,157
21	LARGE BELT SANDER	3,546
22	INV-CTE	7,579

THE ABOVE THREE PHASE CALCULATIONS ARE BASED ON THE "POINT-BY POINT" METHOD

©Copyright 2021 by Peter Basso Associates, Inc.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ONE LINE DIAGRAM

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
E5.1

g:\2025\2025-0326-00\CAD\2025-0326-E5-00.dwg, E5.1, 3/9/2026 8:23:19 AM, Rachel L. Wilson, None .0.09448, Peter Basso Associates Inc.

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt
3/9/2026 9:35:09 AM Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/2025-0326_MEP_Dexter HS CTE and Fitness Addition_v25.rvt

PANELBOARD (E)LPJ

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A	A	B	B	C	C	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	L	(E)LTG 2100, 2106, 2107, 2108, 2109,...	EXIST	20	1600	4000					20	EXIST	(E) LOAD	L	2
3	L	(E)LTG UNIT 2100, 2101	EXIST	20			560	4000			20	EXIST	(E) LOAD	L	4
5	L	(E)LTG UNIT 2100, 2101, 2105, 2112,...	EXIST	20					860	4000	20	EXIST	(E) LOAD	L	6
7	L	(E)LTG UNIT 2100, 2115,...	EXIST	20	2400	4000					20	EXIST	(E) LOAD	L	8
9	L	(E)LTG UNIT...	EXIST	20			3800	4000			20	EXIST	(E) LOAD	L	10
11	L	(E) LOAD	EXIST	20					2000	4000	20	EXIST	(E) LOAD	L	12
13	L	LTG - ZONE A - INTERIOR	NEW	20	2445	59					20	NEW	LTG- ZONE A - EXTERIOR CANOPY	L	14
15	--	SPACE	--	--			--	--			--	--	SPACE	--	16
17	--	SPACE	--	--					--	--	--	--	SPACE	--	18
19	--	SPACE	--	--	--	--					--	--	SPACE	--	20
21	--	SPACE	--	--			--	--			--	--	SPACE	--	22
23	--	SPACE	--	--					--	--	--	--	SPACE	--	24
25	--	SPACE	--	--	--	--					--	--	SPACE	--	26
27	--	SPACE	--	--			--	--			--	--	SPACE	--	28
29	--	SPACE	--	--					--	--	--	--	SPACE	--	30
					14504		12360		10860						
					ØA		ØB		ØC						

PANELBOARD INFORMATION		BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD		FEEDER AND OCPD SIZING	NOTES
VOLTAGE:	480Y/277V	CONTINUOUS LOAD (C):	0	100%	0	125%	0	
BUS AMPACITY:	125A	ELECTRIC HEAT (E)	0	100%	0	100%	0	
MAIN TYPE:	MLO	NON-CONTINUOUS LOAD (NC):	0	100%	0	100%	0	
MINIMUM A.I.C.:	10,000	KITCHEN LOAD (K):	0		0	100%	0	
MOUNTING:	SURFACE	RECEPT BASE LOAD (R):	0	100%	0	100%	0	
		RECEPT DEMAND LOAD (R):	0	50%	0	100%	0	
		LIGHTING LOAD (L):	37723.8	100%	37723.8	125%	47154.75	
		ADDITIONAL TRACK LIGHTING LOAD:				100%	0	
		MOTORS, HIGHEST LOAD (M):	0	125 %	0	100%	0	
PANELBOARD LOCATION		MOTORS, REMAINING	0	100 %	0	100 %	0	
		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	37.72			
				TOTAL (AMPS):	45.37	TOTAL (AMPS):	56.72	

© Copyright 2024 by Peter Basso Associates, Inc.

PANELBOARD (E)PPE

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A	A	B	B	C	C	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	R	(E)4 RECEPTS - RM. 2601	EXIST	20	720	1080					20	EXIST	(E)6 RECEPTS - RM. 2700, 2704	R	2
3	M	(E)UH-2601, 2602	EXIST	20			500	900			20	EXIST	(E)5 RECEPTS - RM.2704, 2706	R	4
5	M	(E)UH-2601	EXIST	20					500	720	20	EXIST	(E)4 RECEPTS - 2704, 2706, 2708	R	6
7	R	(E)4 RECEPTS - RM. 2602	EXIST	20	720	1000					20	EXIST	(E)HOT PLATE - RM. 2710	K	8
9	NC	(E)TCP- RM. 2602	EXIST	20			1000	1080			20	EXIST	(E)6 RECEPTS - 2706, 2708, 2710	R	10
11	R	(E)LOAD	EXIST	20					1000	1080	20	EXIST	(E)6 RECEPTS - 2702, 2712, 2714	R	12
13	R	(E)LOAD	EXIST	20	1000	1000					20	EXIST	(E)5RECEPTS 2708, 2710, 2712	K	14
15	NC	(E)LCP CTRL	EXIST	20			1000	1000			20	EXIST	(E)HOT PLATE - RM. 2712	K	16
17	R	(E)LOAD	EXIST	20					1000	360	20	EXIST	(E)2 RECEPTS - RM. 2712	R	18
19	R	(E)4 RECEPTS - 2702, 2703, 2705	EXIST	20	720	1000					20	EXIST	(E)HOT PLATE - RM. 2712	K	20
21	NC	(E)AUTO FLUSH - RM 2705	EXIST	20			500	1000			20	EXIST	(E)HOT PLATE - RM. 2712	K	22
23	NC	(E)HAND DRYER - RM 2705	EXIST	20					1000	800	20	EXIST	(E)REFRIG - RM. 2712	R	24
25	NC	(E)HAND DRYER - RM 2705	EXIST	20	1000	1200					20	EXIST	(E)GARBAGE DISP - RM. 2712	NC	26
27	R	(E)5 RECEPTS - 2707, 2709, 2711	EXIST	20			900	900			20	EXIST	(E)DISHWASHER - RM. 2712	NC	28
29	R	(E)4 RECEPTS - 2709, 2711	EXIST	20					720	1000	20	EXIST	STACK OVENS - RM 2712	K	30
31	NC	(E)HAND DRYER - RM 2713	EXIST	20	1000	1000									32
33	NC	(E)HAND DRYER - RM 2713	EXIST	20			1000	1080			20	EXIST	(E)6 RECEPTS - 2714, 2716, 2717	R	34
35	NC	(E)AUTO FLUSH - RM 2713	EXIST	20					500	1080	20	EXIST	(E)6 RECEPTS - 2710, 2711, 2712, 2716	R	36
37	R	(E)4 RECEPTS - 2702, 2713, 2715	EXIST	20	720	900					20	EXIST	(E)5 RECEPTS 2716, 2717, 2804	R	38
39	NC	(E)2 EWCs - RM 2702	EXIST	20			1000	720			20	EXIST	(E)4 RECEPTS - RM. 2717, 2804	R	40
41	R	(E)LOAD	EXIST	20					1000	1000	20	EXIST	(E)LOAD	R	42
43	R	(E)6 RECEPTS - 2507	EXIST	20	1080	1200					20	EXIST	(E)COPIER - RM 2804	R	44
45	R	(E)5 RECEPTS - 2503	EXIST	20			900	800			20	EXIST	(E)REFRIG - RM 2804	R	46
47	R	(E)3 RECEPTS - 2500	EXIST	20					540	500	20	EXIST	(E)UH-2801	M	48
49	R	(E)2 RECEPTS - 2500	EXIST	20	360	800					20	EXIST	(E)FUT SCREENS - RM 2804	R	50
51	R	(E)1 RECEPTS - 2500	EXIST	20			180	500			20	EXIST	(E)S/F DAMPERS - 2808	NC	52
53	R	(E)1 RECEPTS - 2500	EXIST	20					180	500	20	EXIST	(E)EF-2501, 2502, - RM 2507	M	54
55	R	(E)1 RECEPTS - 2500	EXIST	20	180	1000					20	EXIST	(E)TCP - RM 2805	NC	56
57	R	(E)LOAD	EXIST	20			1000	1000			20	EXIST	(E)LOAD	R	58
59	R	(E)RECEPTS - 2501	EXIST	20					900	1000	20	EXIST	(E)LOAD	R	60
61	R	(E)RECEPTS - 2501	EXIST	20	540	1000					20	EXIST	(E)LOAD	R	62
63	R	(E)RECEPTS - 2501	EXIST	20			540	500			20	EXIST	(E)EF-2501, 2502 - RM 2507	M	64
65	L	(E)TRACK LTG	EXIST	20					1000	1000	20	EXIST	(E)LOAD	R	66
67	K	STACK OVENS - RM 2712	EXIST	20	1000	1000					20	EXIST	COOKTOP OVEN - RM. 2408	K	68
69							1000	1000							70
71	R; NC	CONTROL BOOTH RECEPTACLE	NEW	20					540	1000	20	EXIST	COOKTOP OVEN - RM. 2408	K	72
73	--	SPACE	--	--	--	1000									74
75	--	SPACE	--	--			--	--			--	--	SPACE	--	76
77	--	SPACE	--	--					--	--	--	--	SPACE	--	78
79	--	SPACE	--	--	--	--					--	--	SPACE	--	80
81	--	SPACE	--	--			--	--			--	--	SPACE	--	82
83	--	SPACE	--	--					--	--	--	--	SPACE	--	84
					22220		20000		18920						
					ØA		ØB		ØC						

PANELBOARD INFORMATION		BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD		FEEDER AND OCPD SIZING	NOTES
VOLTAGE:	208Y/120V	CONTINUOUS LOAD (C):	0	100%	0	125%	0	
BUS AMPACITY:	225A	ELECTRIC HEAT (E)	0	100%	0	100%	0	
MAIN TYPE:	225A MCB	NON-CONTINUOUS LOAD (NC):	11780	100%	11780	100%	11780	
MINIMUM A.I.C.:	10,000	KITCHEN LOAD (K):	13000	65.00%	8450	100%	8450	
MOUNTING:	SURFACE	RECEPT BASE LOAD (R):	10000	100%	10000	100%	10000	
		RECEPT DEMAND LOAD (R):	22860	50%	11430	100%	11430	
		LIGHTING LOAD (L):	1000	100%	1000	125%	1250	
		ADDITIONAL TRACK LIGHTING LOAD:				100%	0	
		MOTORS, HIGHEST LOAD (M):	500	125 %	625	100%	625	
PANELBOARD LOCATION		MOTORS, REMAINING	2000	100 %	2000	100 %	2000	
		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	45.29			
				TOTAL (AMPS):	125.70	TOTAL (AMPS):	126.39	

© Copyright 2024 by Peter Basso Associates, Inc.

EXISTING PANELBOARD (E)RP-STAGE

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A	A	B	B	C	C	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	--	SPARE	--	50	0	0					50	--	SPARE	--	2
3							0	0							4
5	R	(E)LOAD	EXIST	20					1000	1000	20	EXIST	(E)LOAD	R	6
7	R	(E)LOAD	EXIST	20	1000	1000					20	EXIST	(E)LOAD	R	8
9	R	(E)LOAD	EXIST	20			1000	1000			20	EXIST	(E)LOAD	R	10
11	R	COLUMN SPEAKER S1 - STAGE F120 E.	EXIST	20					180	0	20	--	SPARE	--	12
13	R	COLUMN SPEAKER S1 - STAGE F120...	EXIST	20	180	0					30	--	SPARE	--	14
15	R	TV-A RECEPTS - STAGE F120 E. & W.	EXIST	20			360	0							16
17	R	TV-B RECEPTS - F108 & F111	EXIST	20					360	0	20	--	SPARE	--	18
19	--	SPARE	--	20	0	--					--	--	SPACE	--	20
21	--	SPARE	--	20			0	--			--	--	SPACE	--	22
23	--	SPARE	--	20					0	--	--	--	SPACE	--	24
25	--	SPACE	--	--	--	--					--	--	SPACE	--	26
27	--	SPACE	--	--			--	--			--	--	SPACE	--	28
29	--	SPACE	--	--					--	--	--	--	SPACE	--	30
					2180		2360		2540						
					ØA		ØB		ØC						

PANELBOARD INFORMATION		BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD		FEEDER AND OCPD SIZING	NOTES
VOLTAGE:	208Y/120V	CONTINUOUS LOAD (C):	0	100%	0	125%	0	FOR ALL EXISTING TO REMAIN LOADS NOT RELOCATED, INDENTIFY LOAD ON PANEL SCHEDULE & UPDATE.
BUS AMPACITY:	225A	ELECTRIC HEAT (E)	0	100%	0	100%	0	
MAIN TYPE:	MLO	NON-CONTINUOUS LOAD (NC):	0	100%	0	100%	0	
MINIMUM A.I.C.:	10,000	KITCHEN LOAD (K):	0		0	100%	0	__EXISTING LOAD VA IS AN ASSUMPTION.
MOUNTING:	SURFACE	RECEPT BASE LOAD (R):	7080	100%	7080	100%	7080	
		RECEPT DEMAND LOAD (R):	0	50%	0	100%	0	
		LIGHTING LOAD (L):	0	100%	0	125%	0	
		ADDITIONAL TRACK LIGHTING LOAD:				100%	0	
		MOTORS, HIGHEST LOAD (M):	0	125 %	0	100%	0	
PANELBOARD LOCATION		MOTORS, REMAINING	0	100 %	0	100 %	0	
STAGE F120		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	7.08			
				TOTAL (AMPS):	19.65	TOTAL (AMPS):	19.65	

© Copyright 2024 by Peter Basso Associates, Inc.

PANELBOARD RP-CTE1

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A	A	B	B	C	C	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	NC	14" BAND SAW - RM. F107		20	1800	2162					30		TABLE SAW - RM. F106	NC	2
3	NC	18" BAND SAW - RM. F107		20			1440	2162							4
5	NC	DRILL PRESS - RM. F106		20					1596	2162	30		TABLE SAW - RM. F106	NC	6
7	NC	DRILL PRESS - RM. F106		20	1596	2162									8
9	NC	JOINTER - RM. F106		20			1080	360			20		RECEPTACLES - RM. F107	R	10
11	NC	JOINTER - RM. F106		20					1080	360	20		RECEPTACLES - RM. F107	R	12
13	NC	SANDER - RM. F107		20	1320	540					20		RECEPTACLES - RM. F106	R	14
15	NC	ROUTER TABLE - RM. F107		20			1200	720			20		RECEPTACLES - RM. F106	R	16
17	NC	CNC LATHE - RM. F107		15					1440	540	20		RECEPTACLES - RM. F106, F105	R	18
19	NC	MITER SAW - RM. F106		15	180	0					20		E-STOP & CONTACTORS - CTE LOADS	NC	20
21	NC	MITER SAW - RM. F106		15			180	180			20		RECEPTACLE - RM. F201	R	22
23	--	SPARE	--	20					0	0	20	--	SPARE	--	24
25	--	SPARE	--	20	0	0					20	--	SPARE	--	26
27	--	SPARE	--	20			0	0			20	--	SPARE	--	28
29	--	SPARE	--	20					0	0	20	--	SPARE	--	30
31	R	RELOCATED LOAD FROM...		20	500	0					20	--	SPARE	--	32
33	R	RELOCATED LOAD FROM...		20			500	0			20	--	SPARE	--	34
35	R	DEDICATED FOR RELOCATED (E)WOOD SHOP EQUIP. FROM...		50					3000	0	20	--	SPARE	--	36
37					3000	2700					125		RP-CTE2	Spare; R; M; NC; E	38
39	R	DEDICATED FOR RELOCATED (E)WOOD SHOP EQUIP. FROM...		50			3000	2656							40
41									3000	3450					42
					15959		13478		16628						
					ØA		ØB		ØC						

PANELBOARD INFORMATION		BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD		FEEDER AND OCPD SIZING	NOTES
VOLTAGE:	208Y/120V	CONTINUOUS LOAD (C):	0	100%	0	125%	0	IDENTIFY AND PROVIDE ACCURATE DESCRIPTION FOR RELOCATED LOADS FROM (E)RP-STAGE PANEL
BUS AMPACITY:	400A	ELECTRIC HEAT (E)	1000	100%	1000	100%	1000	
MAIN TYPE:	400A MCB	NON-CONTINUOUS LOAD (NC):	24878	100%	24878	100%	24878	
MINIMUM A.I.C.:	10,000	KITCHEN LOAD (K):	0		0	100%	0	
MOUNTING:	SURFACE	RECEPT BASE LOAD (R):	10000	100%	10000	100%	10000	
		RECEPT DEMAND LOAD (R):	9480	50%	4740	100%	4740	
		LIGHTING LOAD (L):	0	100%	0	125%	0	
		ADDITIONAL TRACK LIGHTING LOAD:				100%	0	
		MOTORS, HIGHEST LOAD (M):	456	125 %	570	100%	570	
PANELBOARD LOCATION		MOTORS, REMAINING	250	100 %	250	100 %	250	
MEZZANINE F201		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	41.44			
				TOTAL (AMPS):	115.02	TOTAL (AMPS):	115.02	

© Copyright 2024 by Peter Basso Associates, Inc.

PANELBOARD RP-CTE2

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A	A	B	B	C	C	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	R	RECEPTACLE - RM. F201		20	360	250					15		UH-1	M	2
3	R	RECEPTACLES - RM. F201, ROOF		20			540	830			20		OVERHEAD DOOR - RM F104	NC	4
5	R	RECEPTACLES - OUTDOORS CTE...		20					900	830					6
7	R	TV RECEPTACLES - RM. F106		20	720	830					20		OVERHEAD DOOR - RM F106	NC	8
9	M	AIR FILTER CLG RECEPT - RM. F106		20			456	830							10
11	E	HEAT TRACE - ERU-1		20					1000	720	20		TV RECEPTACLES - RM. F104	R	12
13	--	SPARE	--	20	0	540					20		RECEPTACLES - RM. F104, F105	R	14
15	--	SPARE	--	20			0	0			20	--	SPARE	--	16
17	--	SPARE	--	20					0	0	20	--	SPARE	--	18
19	--	SPARE	--	20	0	0					20	--	SPARE	--	20
21	--	SPARE	--	20			0	0			20	--	SPARE	--	22
23	--	SPARE	--	20					0	0	20	--	SPARE	--	24
25	--	SPARE	--	20	0	0					20	--	SPARE	--	26
27	--	SPARE	--	20			0	0			20	--	SPARE	--	28
29	--	SPARE	--	20					0	0	20	--	SPARE	--	30
31	--	SPARE	--	20	0	0					20	--	SPARE	--	32
33	--	SPARE	--	20			0	0			20	--	SPARE	--	34
35	--	SPARE	--	20					0	0	20	--	SPARE	--	36
37	--	SPARE	--	20	0	0					20	--	SPARE	--	38
39	--	SPARE	--	20			0	0			20	--	SPARE	--	40
41	--	SPARE	--	20					0	0	20	--	SPARE	--	42
					2700		2656		3450						
					ØA		ØB		ØC						

PANELBOARD INFORMATION		BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD		FEEDER AND OCPD SIZING	NOTES
VOLTAGE:	208Y/120V	CONTINUOUS LOAD (C):	0	100%	0	125%	0	
BUS AMPACITY:	125A	ELECTRIC HEAT (E)	1000	100%	1000	100%	1000	
MAIN TYPE:	MLO	NON-CONTINUOUS LOAD (NC):	3320	100%	3320	100%	3320	
MINIMUM A.I.C.:	10,000	KITCHEN LOAD (K):	0		0	100%	0	
MOUNTING:	SURFACE	RECEPT BASE LOAD (R):	3780	100%	3780	100%	3780	
		RECEPT DEMAND LOAD (R):	0	50%	0	100%	0	
		LIGHTING LOAD (L):	0	100%	0	125%	0	
		ADDITIONAL TRACK LIGHTING LOAD:				100%	0	
		MOTORS, HIGHEST LOAD (M):	456	125 %	570	100%	570	
PANELBOARD LOCATION		MOTORS, REMAINING	250	100 %	250	100 %	250	
MEZZANINE F201		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	8.92			
				TOTAL (AMPS):	24.76	TOTAL (AMPS):	24.76	

© Copyright 2024 by Peter Basso Associates, Inc.

PANELBOARD INV-CTE

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A	A	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	L	EM LTG -INT. ZONE F		20	808	30	20		EM LTG EXT. WALL PACKS	L	2
3	--	SPARE	--	20			20	--	SPARE	--	4
					838						
					ØA						

PANELBOARD INFORMATION		BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD		FEEDER AND OCPD SIZING	NOTES
VOLTAGE:	480Y/277V	CONTINUOUS LOAD (C):	0	100%	0	125%	0	
BUS AMPACITY:	N/A	ELECTRIC HEAT (E)	0	100%	0	100%	0	
MAIN TYPE:	N/A	NON-CONTINUOUS LOAD (NC):	0	100%	0	100%	0	
MINIMUM A.I.C.:	10,000	KITCHEN LOAD (K):	0		0	100%	0	
MOUNTING:	FLOOR	RECEPT BASE LOAD (R):	0	100%	0	100%	0	
		RECEPT DEMAND LOAD (R):	0	50%	0	100%	0	
		LIGHTING LOAD (L):	838.1	100%	838.1	125%	1047.63	
		ADDITIONAL TRACK LIGHTING LOAD:				100%	0	
		MOTORS, HIGHEST LOAD (M):	0	125 %	0	100%	0	
PANELBOARD LOCATION		MOTORS, REMAINING	0	100 %	0	100 %	0	
F201 MEZZANINE		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	0.84			
				TOTAL (AMPS):	1.75	TOTAL (AMPS):	2.18	

© Copyright 2024 by Peter Basso Associates, Inc.

PANELBOARD RP-FIT1

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A	A	B	B	C	C	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	R	RECEPTACLES - RM. A207, OUTDOOR		20	900	1000					20	LOD	NEW FACP - A211	C	2
3	R	RECEPTACLES - RM. A207		20			900	250			15		CUH-1 - RM A201	M	4
5	R	RECEPTACLES - RM. A207, OUTDOOR		20					1080	360	20		RECEPTACLES - RM. A201, OUTDOOR	R	6
7	NC	OVERHEAD DOOR - RM. A207 W.		20	830	540					20		RECEPTACLES - RM. A202	R	8
9							830	540			20		RECEPTACLES - RM. A202	R	10
11	NC	OVERHEAD DOOR - RM. A207 E.		20					830	360	20		RECEPTACLES - RM. A202	R	12
13					830	360					20		RECEPTACLES - RM. A202	R	14
15	R	WALL MOUNTED TVs - RM. A207		20			720	540			20		RECEPTACLES - RM. A202	R	16
17	R	CEILING MOUNTED TVs - RM. A207		20					1080	360	20		RECEPTACLES - RM. A206, A211	R	18
19	R	CEILING MOUNTED TVs - RM. A207		20	720	360					20		RECEPTACLES - RM. C134, C135	R	20
21	NC	AUTOMATIC DOOR - RM. C226		20			700	1400			20		AUTOMATIC DOOR - RM. A201	NC	22
23	NC	ELECTRIC WATER COOLER - RM. A207	GFCI	20					500	0	20	--	SPARE	--	24
25	NC	MOTORIZED SHADES - A207		20	1452	0					20	--	SPARE	--	26
27	--	SPARE	--	20			0	0			20	--	SPARE	--	28
29	--	SPARE	--	20					0	0	20	--	SPARE	--	30
31	--	SPARE	--	20	0	0					20	--	SPARE	--	32
33	--	SPARE	--	20			0	0			20	--	SPARE	--	34
35	--	SPARE	--	20					0	0	20	--	SPARE	--	36
37	M	SNOW MELT SYSTEM CP-1 - MECH A211		20	763	4796					125		RP-FIT2	Spare; R; M; E	38
39							763	3639							40
41									763	4983					42
					12551		10281		10315						
					ØA		ØB		ØC						

PANELBOARD INFORMATION		BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD		FEEDER AND OCPD SIZING	NOTES
VOLTAGE:	208Y/120V	CONTINUOUS LOAD (C):	1000	100%	1000	125%	1250	
BUS AMPACITY:	400A	ELECTRIC HEAT (E)	1000	100%	1000	100%	1000	
MAIN TYPE:	400A MCB	NON-CONTINUOUS LOAD (NC):	7372	100%	7372	100%	7372	
MINIMUM A.I.C.:	10,000	KITCHEN LOAD (K):	0		0	100%	0	
MOUNTING:	SURFACE	RECEPT BASE LOAD (R):	10000	100%	10000	100%	10000	
		RECEPT DEMAND LOAD (R):	8280	50%	4140	100%	4140	
		LIGHTING LOAD (L):	0	100%	0	125%	0	
		ADDITIONAL TRACK LIGHTING LOAD:				100%	0	
		MOTORS, HIGHEST LOAD (M):	2580	125 %	3225	100%	3225	
PANELBOARD LOCATION		MOTORS, REMAINING	2915	100 %	2915	100 %	2915	
MECH A211		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	29.65			
				TOTAL (AMPS):	82.31	TOTAL (AMPS):	83.00	

© Copyright 2024 by Peter Basso Associates, Inc.

PANELBOARD RP-FIT2

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A	A	B	B	C	C	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	R	FL BX PARTITION FEED - RM. A203		20	720	1080					20		RECEPTACLES - RM. A204	R	2
3	R	FL BX PARTITION FEED - RM. A203		20			720	720			20		RECEPTACLES - RM. A204, A205, A210	R	4
5	R	RECEPTACLES - RM. A203		20					1080	720	20		RECEPTACLES - RM. A208, A209	R	6
7	R	WALL MOUNTED TVs - RM. A202, A203		20	720	900					20		RECEPTACLES - RM. A208	R	8
9	M	ACU-1 & ACCU-1		15			1323	360			20		POKE-THRU - RM. A208	R	10
11									1323	360	20		WALL MOUNTED TV - RM. A208	R	12
13	M	EF-1 - A ROOF		15	156	720					20		RECEPTACLES - RM. A209	R	14
15	M	EF-2 - A ROOF		15			156	360			20		RECEPTACLES - A ROOF	R	16
17	R	RECEPT - DATA RACK - C227		20					500	1000	20		HEAT TRACE - ERU-2	E	18
19	R	RECEPT - DATA RACK - C227		20	500	0					20	--	SPARE	--	20
21	--	SPARE	--	20			0	0			20	--	SPARE	--	22
23	--	SPARE	--	20					0	0	20	--	SPARE	--	24
25	--	SPARE	--	20	0	0					20	--	SPARE	--	26
27	--	SPARE	--	20			0	0			20	--	SPARE	--	28
29	--	SPARE	--	20					0	0	20	--	SPARE	--	30
31	--	SPARE	--	20	0	0					20	--	SPARE	--	32
33	--	SPARE	--	20			0	0			20	--	SPARE	--	34
35	--	SPARE	--	20					0	0	20	--	SPARE	--	36
37	--	SPARE	--	20	0	0					20	--	SPARE	--	38
39	--	SPARE	--	20			0	0			20	--	SPARE	--	40
41	--	SPARE	--	20					0	0	20	--	SPARE	--	42
					4796		3639		4983						
					ØA		ØB		ØC						

PANELBOARD INFORMATION		BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD		FEEDER AND OCPD SIZING	NOTES
VOLTAGE:	208Y/120V	CONTINUOUS LOAD (C):	0	100%	0	125%	0	
BUS AMPACITY:	125A	ELECTRIC HEAT (E)	1000	100%	1000	100%	1000	
MAIN TYPE:	MLO	NON-CONTINUOUS LOAD (NC):	0	100%	0	100%	0	
MINIMUM A.I.C.:	10,000	KITCHEN LOAD (K):	0		0	100%	0	
MOUNTING:	SURFACE	RECEPT BASE LOAD (R):	9460	100%	9460	100%	9460	
		RECEPT DEMAND LOAD (R):	0	50%	0	100%	0	
		LIGHTING LOAD (L):	0	100%	0	125%	0	
		ADDITIONAL TRACK LIGHTING LOAD:				100%	0	
		MOTORS, HIGHEST LOAD (M):	2580	125 %	3225	100%	3225	
PANELBOARD LOCATION		MOTORS, REMAINING	377	100 %	377	100 %	377	
		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	14.06			
				TOTAL (AMPS):	39.03	TOTAL (AMPS):	39.03	

© Copyright 2024 by Peter Basso Associates, Inc.

PANELBOARD INV-FIT

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A	A	B	B	C	C	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	L	EM LTG - INT. ZONE A		20	1789	749					20		EM LTG -EXT. WALL PACK, CANOPY	Other...	2
3	--	SPARE	--	20			0	0			20	--	SPARE	--	4
					2538		0		0						
					ØA		ØB		ØC						

PANELBOARD INFORMATION		BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD		FEEDER AND OCPD SIZING	NOTES
VOLTAGE:	480Y/277V	CONTINUOUS LOAD (C):	0	100%	0	125%	0	
BUS AMPACITY:	N/A	ELECTRIC HEAT (E)	0	100%	0	100%	0	
MAIN TYPE:	N/A	NON-CONTINUOUS LOAD (NC):	0	100%	0	100%	0	
MINIMUM A.I.C.:	10,000	KITCHEN LOAD (K):	0		0	100%	0	
MOUNTING:	FLOOR	RECEPT BASE LOAD (R):	0	100%	0	100%	0	
		RECEPT DEMAND LOAD (R):	0	50%	0	100%	0	
		LIGHTING LOAD (L):	1922	100%	1922	125%	2402.5	
		ADDITIONAL TRACK LIGHTING LOAD:				100%	0	
		MOTORS, HIGHEST LOAD (M):	0	125 %	0	100%	0	
PANELBOARD LOCATION		MOTORS, REMAINING	0	100 %	0	100 %	0	
MECH A211		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	1.92			
				TOTAL (AMPS):	4.00	TOTAL (AMPS):	5.01	

© Copyright 2024 by Peter Basso Associates, Inc.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

PANEL SCHEDULES

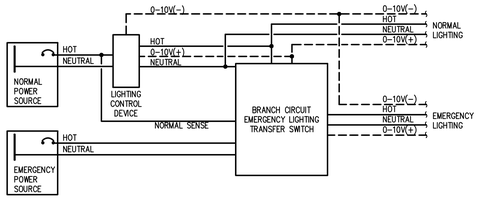
ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN DMN
CHECKED STP
APPROVED STP

PROJECT NO.
25026D

DRAWING NO.
E5.2

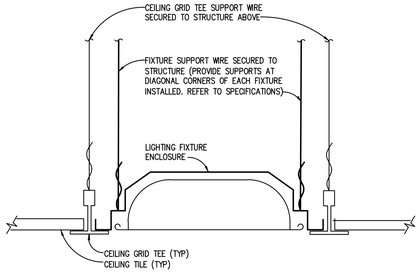


BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH FOR 0-10V DIMMING

NO SCALE

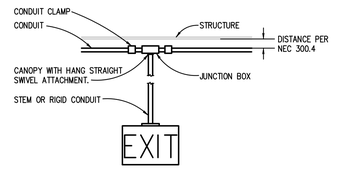
NOTES:

1. BASIS OF DESIGN IS LVS CONTROLS EPC-D-F-ATS. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS. ADJUST WIRING AS NECESSARY FOR OTHER APPROVED MANUFACTURERS.
2. PROVIDE ONE BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH PER LIGHTING CONTROL ZONE.



RECESSED LIGHTING FIXTURE INSTALLATION DETAIL

NO SCALE

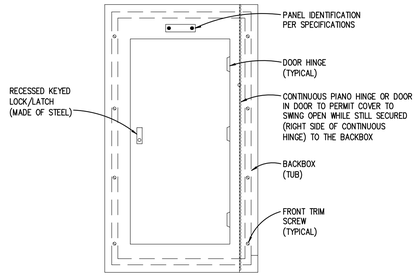


EXIT SIGN PENDANT MOUNTING DETAIL

NO SCALE

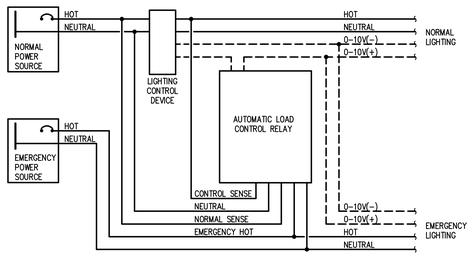
NOTES:

1. STEM OR RIGID CONDUIT LENGTH TO BE COORDINATED TO ENSURE SIGNAGE IS READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. THE BOTTOM OF THE SIGNAGE SHALL NOT BE MORE THAN 6'-8" ABOVE THE TOP EDGE OF THE EGRESS OPENING INTENDED FOR DESIGNATION BY THE SIGNAGE (NFPA 101 7.10.1.9).
2. MOUNT EXIT SIGN PER MANUFACTURER'S RECOMMENDATIONS AT BOTTOM OF STEM/RIGID CONDUIT.



PANELBOARD FRONT COVER DETAIL

NO SCALE

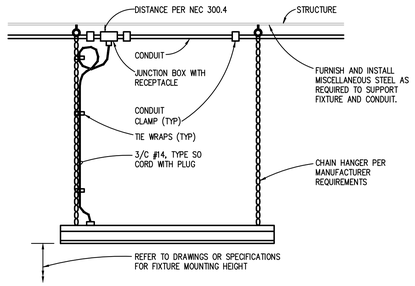


AUTOMATIC LOAD CONTROL RELAY FOR 0-10V DIMMING

NO SCALE

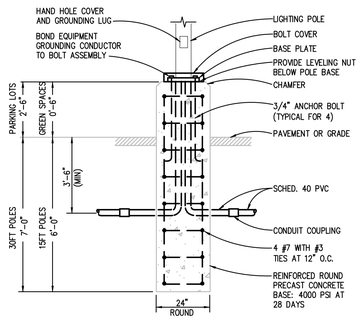
NOTES:

1. BASIS OF DESIGN IS LVS CONTROLS EPC-2-D. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS. ADJUST WIRING AS NECESSARY FOR OTHER APPROVED MANUFACTURERS.
2. PROVIDE ONE AUTOMATIC LOAD CONTROL RELAY PER LIGHTING CONTROL ZONE.



TYPICAL MOUNTING DETAIL FOR CHAIN HUNG LIGHTING FIXTURES

NO SCALE

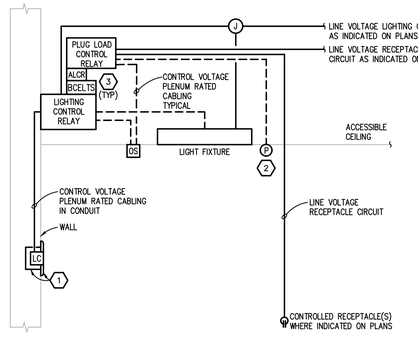


LIGHTING POLE BASE DETAIL

NO SCALE

NOTE:

1. PROVIDE PRECAST CONCRETE BASE AS MANUFACTURED BY NORTHERN CONCRETE PIPE, INC. OR APPROVED EQUAL.
2. CONCRETE REINFORCEMENTS SHALL BE BARE, ZINC GALVANIZED, OR ELECTRICALLY CONDUCTIVE COATED STEEL. BOND ALL CONCRETE REINFORCEMENTS AND ANCHOR BOLTS TOGETHER SO THAT SYSTEM IS ELECTRICALLY CONTINUOUS.



LIGHTING CONTROL SYSTEM DIAGRAM LOW VOLTAGE

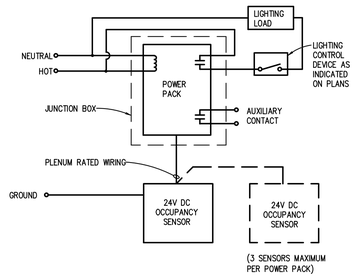
NO SCALE

GENERAL NOTES:

1. BASIS OF DESIGN IS ACUITY nLIGHT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS. ADJUST WIRING AS NECESSARY FOR OTHER APPROVED MANUFACTURERS.
2. PROVIDE QUANTITY OF LIGHTING CONTROLLERS AS REQUIRED TO MEET FUNCTIONALITY INDICATED ON PLANS AND LIGHTING CONTROL SCHEDULE(S).
3. REFER TO MANUFACTURER'S SUBMITTAL FOR WIRING METHOD AND MATERIALS.
4. LOCATE SENSORS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS TO ACHIEVE FULL COVERAGE OF SPACE. WHEN SENSORS ARE INSTALLED IN LAY-IN CEILINGS, LOCATE SENSORS IN CENTER OF CEILING TILE.
5. ADJUST OCCUPANCY SENSOR SENSITIVITY AFTER FURNITURE IS IN PLACE AND HVAC SYSTEMS HAVE BEEN BALANCED AND VAV UNITS SET TO MAXIMUM AIRFLOW.

 # KEYED NOTES-

1. GANG MULTIPLE LIGHTING CONTROL DEVICES IN COMMON BOX. PROVIDE ONE PIECE, MATCHING COVER PLATE BY THE LIGHTING CONTROL DEVICE MANUFACTURER.
2. CEILING MOUNTED PHOTOCELL (WHERE REQUIRED). REFER TO PLANS FOR PRIMARY AND SECONDARY ZONE CONTROL.
3. LOCATE LIGHTING CONTROL SYSTEM COMPONENTS IN ACCESSIBLE CEILING ADJACENT TO DOOR, DIRECTLY ABOVE LIGHTING CONTROL DEVICE. PROVIDE AN ACCESS PANEL IF CEILING SPACE IS NOT ACCESSIBLE.

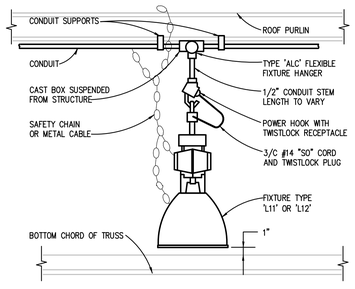


OCCUPANCY SENSOR WIRING DIAGRAM

NO SCALE

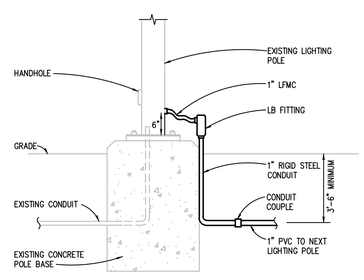
NOTES:

1. REFER TO SPECIFICATIONS FOR ACCEPTED MANUFACTURERS.
2. PROVIDE POWER PACKS AND SLAVE PACKS AS REQUIRED FOR SWITCHING AS INDICATED ON PLAN. REVISE DETAIL AS REQUIRED BY MANUFACTURER.
3. MOUNTING LOCATION PER MANUFACTURER'S RECOMMENDATION.
4. ADJUST SENSITIVITY LEVELS PER THE OWNER REQUIREMENTS.
5. PROVIDE FACTORY SUPPORT FOR AIMING/ADJUSTING OF SENSORS.
6. PLACE CEILING MOUNTED OCCUPANCY SENSORS IN CENTER OF A FULL CEILING TILE, WHERE APPLICABLE.
7. SENSOR ADJUSTMENT: BEFORE MAKING ADJUSTMENTS, MAKE SURE ROOM FURNITURE IS INSTALLED, LIGHTING CIRCUITS ARE TURNED ON, AND THE HVAC SYSTEMS ARE IN THE ON POSITION. VAV SYSTEMS SHOULD BE SET TO THEIR HIGHEST AIRFLOW. SET THE LOGIC CONFIGURATION DIP SWITCHES TO "EITHER". EITHER REQUIRES MOTION DETECTION BY ONLY ONE TECHNOLOGY. SET THE TIME DELAY PER OWNERS DIRECTION.



MOUNTING DETAIL OF TYPE "L11" & "L12" FIXTURES

NO SCALE



CONNECTION TO EXISTING LIGHT POLE DETAIL

NO SCALE

NOTES:

1. COORDINATE EXACT CONDUIT ENTRANCE HEIGHT WITH EXISTING HANDHOLE LOCATION. CONDUIT ENTRANCE SHALL BE ACCESSIBLE FROM HANDHOLE.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ELECTRICAL DETAILS AND DIAGRAMS

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

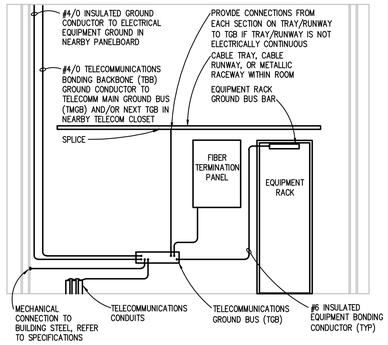
PROJECT NO.

25026D

DRAWING NO.

E7.1

g:\2025\2025-0326-00\CAD\2025-0326-E7-01.dwg, E7.1, 3/9/2026 8:23:28 AM, Rachel L. Wilson, None .0.09448, Peter Basso Associates Inc.

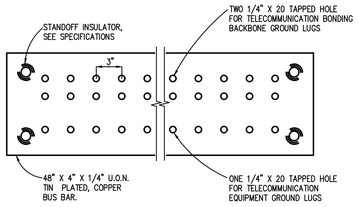


TELECOMMUNICATIONS ROOM GROUNDING DETAIL

NO SCALE

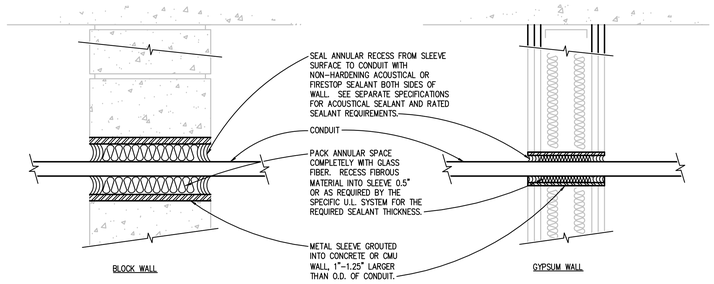
NOTES:

1. ALL GROUNDING SHALL COMPLY WITH NEC ARTICLE 250 AND TIA/EIA-607.
2. CONNECT ALL EQUIPMENT RACKS TO TGB WITH A SEPARATE EQUIPMENT BONDING CONDUCTOR.



TELECOMMUNICATIONS GROUND BUS DETAIL

NO SCALE

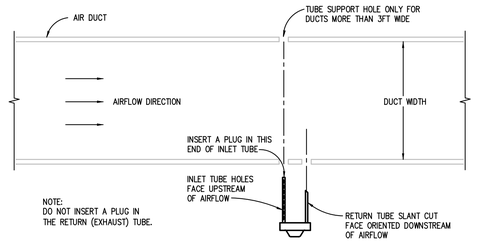


CONDUIT PENETRATION DETAIL FOR AUDITORIUM AREAS

NO SCALE

NOTES:

1. NO MULTIPLE CONDUIT PENETRATIONS ALLOWED. PACK AND CAULK EVERY CONDUIT INDIVIDUALLY.
2. HANGERS SHALL CARRY CONDUIT LOAD INCLUDING CONDUCTORS. FILL AND SEAL PENETRATIONS AFTER CONDUCTORS ARE PULLED TO PREVENT VOIDS IN FIBROUS MATERIAL OR SEALANT.
3. REFER TO AV SERIES DRAWINGS FOR AUDIO VISUAL CONDUITS BY E.C.

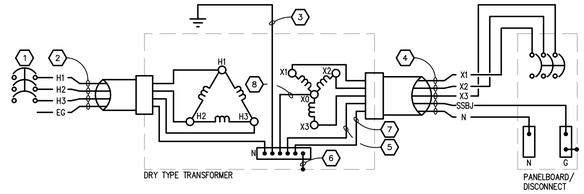


DUCT TYPE DETECTOR INSTALLATION

NO SCALE

NOTES:

1. PROVIDE SAMPLING TUBE LENGTH AS REQUIRED FOR WIDTH OF DUCT.

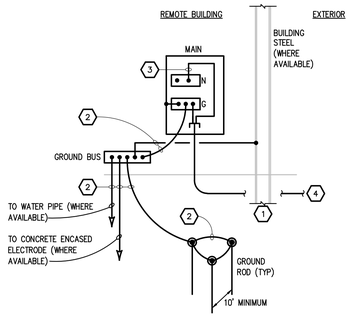


DRY TYPE DISTRIBUTION TRANSFORMER GROUNDING ARRANGEMENT

NO SCALE

(#) KEYED NOTES:

1. 480V, 3ø PRIMARY CIRCUIT BREAKER BASED ON DRY TYPE DISTRIBUTION TRANSFORMER CIRCUIT SIZING SCHEDULE ON ELECTRICAL STANDARD SCHEDULE DRAWING UNLESS OTHERWISE NOTED.
2. PRIMARY FEEDER BASED ON FEEDER AND BRANCH CIRCUIT SIZING TABLE ON ELECTRICAL STANDARD SCHEDULE DRAWING UNLESS OTHERWISE NOTED.
3. GROUNDING ELECTRODE CONDUCTOR TO NEAREST GROUNDING ELECTRODE (i.e. METAL IN GROUND SUPPORT STRUCTURE, METAL WATER PIPE, GROUND RING, OR GROUND BUS). SEE DRY TYPE DISTRIBUTION TRANSFORMER CIRCUIT SIZING SCHEDULE ON ELECTRICAL STANDARD SCHEDULE DRAWING FOR SIZE UNLESS OTHERWISE NOTED.
4. 208Y/120V, 3ø, 4W SECONDARY FEEDER BASED ON DRY TYPE DISTRIBUTION TRANSFORMER CIRCUIT SIZING SCHEDULE ON ELECTRICAL STANDARD SCHEDULE DRAWING UNLESS OTHERWISE NOTED.
5. SUPPLY SIDE BONDING JUMPER.
6. SYSTEM BONDING JUMPER.
7. GROUNDED CONDUCTOR (NEUTRAL).
8. NEUTRAL CONDUCTOR PROVIDED WITH EQUIPMENT.

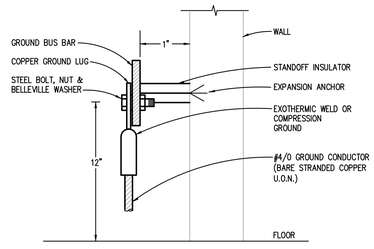


REMOTE BUILDING GROUNDING

NO SCALE

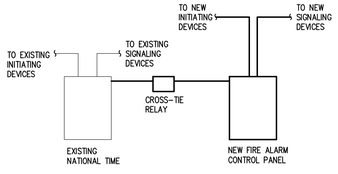
(#) KEYED NOTES:

1. METAL IN-GROUND SUPPORT STRUCTURE IN DIRECT CONTACT WITH EARTH VERTICALLY FOR A MINIMUM OF 10FT, WHERE AVAILABLE.
2. GROUNDING ELECTRODE CONDUCTOR, #4/0 COPPER.
3. GROUNDED CONDUCTOR (NEUTRAL), SEE ONE LINE DIAGRAM.
4. PHASE CONDUCTORS, GROUNDED CONDUCTOR (NEUTRAL), AND EQUIPMENT GROUNDING CONDUCTOR IN CONDUIT TO MAIN BUILDING. SEE ONE LINE DIAGRAM.



GROUND BUS DETAIL

NO SCALE



FIRE ALRM CROSS-TIE RELAY

NO SCALE

			SYSTEM OUTPUTS																					
			ANNUNCIATION								NOTIFICATION							FIRE SAFETY						
			INITIATE FIRE ALARM SIGNAL	INITIATE CARBON MONOXIDE ALARM SIGNAL	IDENTIFY ALARM AT FACP	IDENTIFY ALARM AT REMOTE ANNUNCIATOR(S)	ANNUNCIATE SUPERVISORY SIGNAL AT FACP	ANNUNCIATE SUPERVISORY SIGNAL AT REMOTE ANNUNCIATOR(S)	ANNUNCIATE TROUBLE SIGNAL AT FACP	ANNUNCIATE TROUBLE SIGNAL AT REMOTE ANNUNCIATOR(S)	ACTUATE ALARM SEQUENCE ON EXISTING FACP	OPERATE ALARM NOTIFICATION APPLIANCES CONTINUOUSLY	ACTIVATE VOICE/ALARM COMMUNICATION SYSTEM	TRANSMIT ALARM SIGNAL TO REMOTE ALARM RECEIVING STATION	TRANSMIT SUPERVISORY SIGNAL TO REMOTE ALARM RECEIVING STATION	TRANSMIT TROUBLE SIGNAL TO REMOTE ALARM RECEIVING STATION	RECORD EVENTS IN THE SYSTEM MEMORY	RECORD EVENTS BY THE SYSTEM PRINTER	UNLOCK ELECTRIC DOOR LOCKS IN DESIGNATED EGRESS PATHS	DISABLE SOUND MASKING, PAGING, OR AUDIO SYSTEMS	RELEASE FIRE AND SMOKE DOORS	TURN ON EGRESS LIGHTING TO FULL BRIGHTNESS	DISABLE AUTOMATIC DOORS	SHUTDOWN ASSOCIATED AIR DISTRIBUTION SYSTEM	CLOSE ASSOCIATED SMOKE DAMPER
SYSTEM INPUTS	INITIATION	MANUAL FIRE BOX OPERATION	●		●	●					●	●	●	●					●	●	●	●			
		AREA SMOKE DETECTION	●		●	●					●	●	●	●					●	●	●	●			
		CARBON MONOXIDE DETECTOR OPERATION		●							●	●	●	●					●	●	●	●			
		SMOKE DETECTOR OPERATION AT SMOKE DAMPER					●	●							●										●
		SMOKE DETECTOR OPERATION AT/IN RETURN AND/OR SUPPLY DUCTWORK					●	●							●									●	
		SMOKE DETECTOR AT EGRESS DOORS																					●		
		FIRE SUPPRESSION SYSTEM WATER FLOW OPERATION	●		●	●					●	●	●	●					●	●	●	●			
	EXTERNAL SYSTEM INPUT	EXISTING FACP FIRE ALARM CONDITION	●		●	●					●	●	●	●			●	●	●	●	●	●			
		EXISTING FACP TROUBLE CONDITION							●	●						●	●	●							
		EXISTING FACP SUPERVISORY CONDITION					●	●							●										
		FIRE SUPPRESSION SYSTEM VALVE TAMPER OPERATION					●	●							●			●	●						
		DRY-PIPE FIRE SUPPRESSION SYSTEM LOW AIR PRESSURE SWITCH ACTIVATION					●	●							●			●	●						
	STATUS	OPEN CIRCUIT							●	●						●	●	●							
		GROUND FAULT							●	●						●	●	●							
		NOTIFICATION APPLIANCE CIRCUIT SHORT							●	●						●	●	●							
		FACP AC POWER FAILURE							●	●						●	●	●							
		FACP LOW SYSTEM BATTERY							●	●						●	●	●							
		GENERATOR FAULT							●	●						●	●	●							
		GENERATOR SWITCH IN NON AUTOMATIC POSITION							●	●						●	●	●							
		GENERATOR RUNNING					●	●							●			●	●						
		KNOX BOX OPEN					●	●							●			●	●						

FIRE ALARM MATRIX

NO SCALE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ELECTRICAL DETAILS AND DIAGRAMS

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

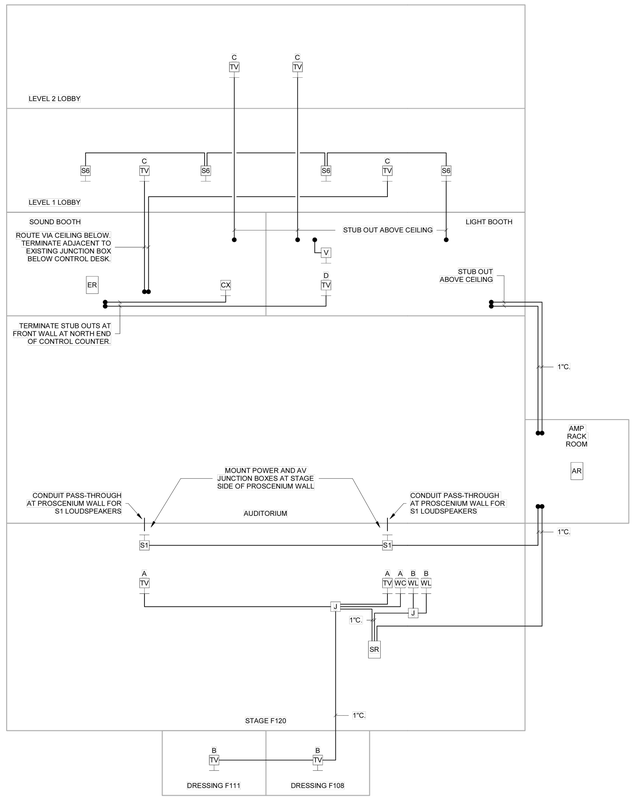
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
E7.2

g:\2025\2025-0326-00\CAD\2025-0326-E7-DT.dwg, E7.2, 3/9/2026 8:23:30 AM, Rachel L. Wilson, None ,0.09448, Peter Basso Associates Inc.

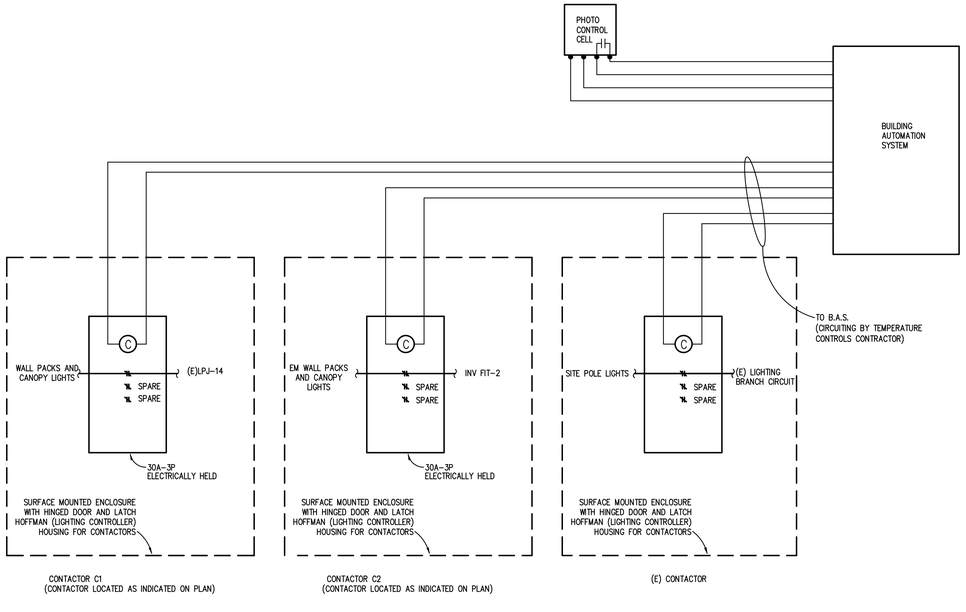
AUDIOVISUAL CONDUIT RISER DIAGRAM



CONDUIT NOTES

1. RE-USE EXISTING CONDUITS AT EXISTING DEVICE LOCATIONS.
2. INSTALLER SHALL FIELD-VERIFY EXISTING CONDUIT PATHWAYS AND ADVISE ARCHITECT AND CONSULTANT OF DISCREPANCIES WHICH IMPACT SYSTEM CONNECTIVITY.
3. ALL NEW CONDUIT IS EMT UNLESS OTHERWISE NOTED. ONLY NEW CONDUITS ARE SHOWN IN THIS RISER DIAGRAM.
4. CONDUIT SIZE IS 3/4" UNLESS OTHERWISE NOTED.
5. CONDUIT SHOWN IS ASSOCIATED WITH LOW-VOLTAGE AUDIOVISUAL SYSTEM CABLING ONLY. CONDUIT REQUIREMENTS FOR POWER ASSOCIATED WITH AV DEVICE LOCATIONS SHALL BE DETERMINED, SIZED, AND FURNISHED BY THE ELECTRICAL CONTRACTOR.
6. CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE, OPEN CEILING AT RACK ROOM OR OTHER TECHNICAL SPACE (NON PUBLIC CIRCULATION AREA), OR EXPOSED AS NOTED.
7. FIELD-COORDINATE ALL CONDUIT ROUTING. MINIMIZE ANY EXPOSED CONDUIT. VERIFY ROUTING OF ANY EXPOSED CONDUIT WITH ARCH. PRIOR TO INSTALLATION.
8. COORDINATION REQUIRED BETWEEN ELECTRICAL AND AUDIOVISUAL REGARDING WALL/FLOOR PENETRATIONS OR CORES ASSOCIATED WITH AUDIOVISUAL SYSTEM DEVICES. ALL PENETRATIONS IN ACOUSTICALLY SENSITIVE AREAS TO BE SEALED WITH RESILIENT CAULK. PROVIDE FIRE-RATED SEALANT AS/WHERE REQUIRED BY SUPERSEDING CODE.
9. CONFORM TO ALL PROJECT REQUIREMENTS AND ALL LOCAL, OR OTHERWISE SUPERSEDING, CODES PERTAINING TO ACCEPTABLE AND/OR APPROVED MATERIALS FOR CONDUITS AND PATHWAYS INSTALLED BELOW GRADE, TO INCLUDE ACCESSORIES REQUIRED FOR MOUNTING, COUPLING, AND OTHERWISE REQUIRED FOR A COMPLETE PATHWAY SYSTEM.

NOTE:
REFER TO A/V DRAWINGS IN PREVIOUS BID PACK FOR FURTHER INFORMATION.

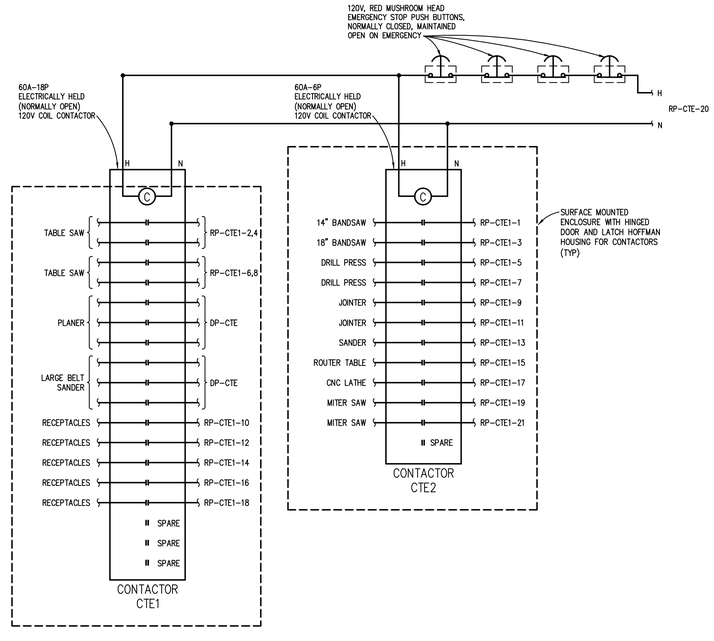


LIGHTING CONTROLLER DETAIL

NO SCALE

NOTES

1. PROGRAM B.A.S. SYSTEM TIME SCHEDULE PER THE OWNER'S DIRECTION
2. PHOTOCELL SHALL CONTROL EXTERIOR LIGHTING VIA THE B.A.S. SYSTEM CONTROLS.



WOODSHOP EMERGENCY SHUT OFF CONTACTOR DETAIL

NO SCALE

NOTE:
PROVIDE "EMERGENCY STOP" LEGEND PLATE FOR ALL PUSH BUTTONS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ELECTRICAL DETAILS AND DIAGRAMS

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25026D

DRAWING NO.
E7.3

g:\2025\2025-0326-00\CAD\2025-0326-E7-DT.dwg, E7.3, 3/9/2026 9:44:44 AM, Rachel L. Wilson, None ,0.09448, Peter Basso Associates Inc.

INTERIOR LIGHTING CONTROL SCHEDULE

LIGHTING CONTROL DESIGNATION	ROOM TYPE	SYSTEM CONFIGURATION				CONTROL		SENSOR TYPE	TURN ON LIGHTING TO %	BI-LEVEL CONTROL	DAYLIGHT			NO DETECTION PARTIAL OFF		NO DETECTION FULL OFF (MIN)	RECEPTACLE CONTROL	EMERGENCY LIGHTING CIRCUIT CONTROL	HVAC CONTROL	NOTES
		TYPE		SWITCH	CONTROL STATION DESIGNATION	ON	OFF				SIDE LIGHT	TOP LIGHT	MAINTAIN FC LEVEL	REDUCE TO (%)	AT(MIN)					
A	LOBBY (ALL OTHER LOBBIES)	WIRED	STANDALONE	ON-OFF-DIM	NA	MANUAL	SENSOR	DUAL TECHNOLOGY	PARTIAL 50%	N/A	YES	N/A	MATCH FC OUTSIDE DAYLIGHT ZONE	50	20	20	N/A	ALCR	YES	
B	CORRIDOR (ALL OTHER CORRIDORS)	WIRED	STANDALONE	ON-OFF	NA	SENSOR	SENSOR	ULTRASONIC	FULL 100%	N/A	YES	N/A	MATCH FC OUTSIDE DAYLIGHT ZONE	50	20	20	N/A	ALCR	YES	
C	OFFICE (OPEN PLAN)	WIRED	STANDALONE	ON-OFF-DIM	NA	SENSOR	SENSOR	DUAL TECHNOLOGY	PARTIAL 50%	CONTINUOUS DIM	N/A	N/A	NA	N/A	N/A	20	OCCUPANCY SENSOR	ALCR	YES	
D	OFFICE (ENCLOSED AND ≤ 250 SQFT)	WIRED	STANDALONE	ON-OFF-DIM	NA	SENSOR	SENSOR	DUAL TECHNOLOGY	PARTIAL 50%	CONTINUOUS DIM	N/A	N/A	NA	N/A	N/A	20	OCCUPANCY SENSOR	ALCR	YES	
E	CONFERENCE/MEETING/MULTIPURPOSE ROOM	WIRED	STANDALONE	ON-OFF-DIM	NA	SENSOR	SENSOR	DUAL TECHNOLOGY	PARTIAL 50%	CONTINUOUS DIM	N/A	N/A	NA	N/A	N/A	20	OCCUPANCY SENSOR	ALCR	YES	
F	RESTROOM (ALL OTHER RESTROOMS)	WIRED	STANDALONE	ON-OFF	NA	SENSOR	SENSOR	DUAL TECHNOLOGY	FULL 100%	N/A	N/A	N/A	NA	N/A	N/A	20	N/A	BCELTS	YES	
G	ELECTRICAL/MECHANICAL ROOM	WIRED	STANDALONE	ON-OFF	NA	MANUAL	MANUAL	N/A	FULL 100%	N/A	N/A	N/A	NA	N/A	N/A	N/A	N/A	ALCR	YES	
H	GYMNASIUM/FITNESS CENTER (IN AN EXERCISE AREA)	WIRED	STANDALONE	ON-OFF-DIM	NA	SENSOR	SENSOR	PASSIVE INFRARED	FULL 100%	CONTINUOUS DIM	YES	N/A	MATCH FC OUTSIDE DAYLIGHT ZON	N/A	N/A	20	N/A	ALCR	YES	
I	CLASSROOM/LECTURE HALL/TRAINING ROOM (ALL OTHER CLASSROOMS/LECTURE HALLS/TRAINING ROOMS)	WIRED	STANDALONE	ON-OFF-DIM	NA	SENSOR	SENSOR	DUAL TECHNOLOGY	PARTIAL 50%	CONTINUOUS DIM	N/A	N/A	NA	N/A	N/A	20	OCCUPANCY SENSOR	ALCR	YES	
J	WORKSHOP	WIRED	STANDALONE	ON-OFF-DIM	NA	SENSOR	SENSOR	ULTRASONIC	FULL 100%	CONTINUOUS DIM	YES	N/A	MATCH OUTSIDE DAYLIGHT ZONE	N/A	N/A	20	N/A	ALCR	YES	

N/A = NOT APPLICABLE

NOTE:
1. REFER TO PLANS FOR LOCATION OF LOCAL CONTROL.
2. REFER TO PLANS FOR LIGHTING CONTROL ZONES.
3. REFER TO PLANS FOR PRIMARY AND SECONDARY DAYLIGHT ZONES.
4. PROVIDE EMERGENCY LIGHTING CIRCUIT CONTROL (BCELTS OR ALCR) PER SWITCHING CIRCUIT AS REQUIRED.
5. CONTRACTOR SHALL PROVIDE FLOOR PLAN INDICATING SENSOR AND EQUIPMENT LOCATIONS OF CHOSEN CONTROL SYSTEM.
6. REFER TO LUMINAIRE SCHEDULE FOR FIXTURE CHARACTERISTICS.
7. LIGHTING SENSOR SHALL HAVE CONTACT FOR HVAC CONTROL WHEN A "YES" SELECTION IS MADE IN THE HVAC CONTROL COLUMN.
8. REFER TO TEMPERATURE CONTROL DRAWINGS AND DIAGRAMS FOR ADDITIONAL SENSOR REQUIREMENTS.
9. PROVIDE WIRING CONTROL DIAGRAM FOR APPLICABLE CONTROL SYSTEM(S).

©Copyright 2025 by Peter Basso Associates, Inc.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER(S)	WATTAGE	VOLTAGE	LIGHT CHARACTERISTICS	CONTROLS	REMARKS
L1	8' LINEAR SUSPENDED DIRECT LED FIXTURE: ALUMINUM HOUSING WITH DIE CAST ENDS. 100% DOWN LIGHT, WIDESPREAD OPTIC, ADJUSTABLE AIR CRAFT CABLE MOUNTING, STRAIGHT POWER FEED CORD, 0-10 VOLT 10% DIMMING. FINISH COLOR BLACK. FOR FIXTURES INDICATED AS EMERGENCY ON PLAN, PROVIDE AUTOMATIC LOAD CONTROL RELAY.	1. CORONET, LS3 LED SERIES 2. AXIS LIGHTING BEAM 2 SERIES 3. FOCAL POINT SEAM 2 SERIES	7.5 W/FT(60)	MULTI	5000K, 80CRI, 800 LM / FT		PROVIDE AIR CRAFT CABLE SUCH THAT BOTTOM OF FIXTURE IS PARALLEL WITH THE ADJACENT BAFFLES
L2	8' LINEAR SUSPENDED DIRECT / INDIRECT LED FIXTURE: ALUMINUM HOUSING WITH DIE CAST ENDS. MEDIUM OUTPUT WIDESPREAD OPTIC, ADJUSTABLE AIR CRAFT CABLE MOUNTING, STRAIGHT POWER FEED CORD, 0-10 VOLT 10% DIMMING. FINISH COLOR WHITE. FOR FIXTURES INDICATED AS EMERGENCY ON PLAN, PROVIDE AUTOMATIC LOAD CONTROL RELAY.	1. CORONET, LS3 LED SERIES 2. AXIS LIGHTING BEAM 2 SERIES 3. FOCAL POINT SEAM 2 SERIES	5.5 W/FT(44)	MULTI	5000K, 80CRI, 600 L / FT DIRECT AND 700L / FT INDIRECT		
L3	2X4' RECESSED LED FLAT PANEL LIGHT FIXTURE : ALUMINUM BEZEL, STEEL BACKING AND WHITE FROST ACRYLIC DIFFUSER.0-10V 10% DIMMING. COLOR IS WHITE. FOR FIXTURES INDICATED AS EMERGENCY ON PLAN, PROVIDE AUTOMATIC LOAD CONTROL RELAY.	1. LITHONIA CPX SERIES 2. METALUX CGTX SERIES 3. COLUMBIA CBT SERIES	36.7	MULTI	5000K, 80CRI, 4000L		
L4	2X4' RECESSED LED FLAT PANEL LIGHT FIXTURE : ALUMINUM BEZEL, STEEL BACKING AND WHITE FROST ACRYLIC DIFFUSER.0-10V 10% DIMMING. COLOR IS WHITE. FOR FIXTURES INDICATED AS EMERGENCY ON PLAN, PROVIDE AUTOMATIC LOAD CONTROL RELAY.	1. LITHONIA CPX SERIES 2. METALUX CGTX SERIES 3. COLUMBIA CBT SERIES	30.1	MULTI	5000K, 80CRI, 3200L		
L5	4" ROUND RECESSED LED DOWNLIGHT FIXTURE: WITH VENTILATED DIE CAST ALUMINUM HEAT SINK, SELF FLANGED WHITE TRIM RING WITH SEMI-SPECULAR REFLECTOR, DIFFUSED LENS, WIDE DISTRIBUTION. WET LOCATION LISTING. COLOR IS WHITE.	1. GOTHAM IVO4" SERIES 2. MAXILUME HH4 LED SERIES 3. PORTFOLIO LD4C SERIES	9.8	MULTI	5000K, 80CRI, 1000L		
L6	4'-0" CHAIN HUNG LED STRIPLIGHT FIXTURE: MOUNTING AS DESIGNATED ON PLANS. WHITE COLOR, FROSTED LENS. LOCATE FIXTURES TO AVOID MECHANICAL EQUIPMENT.COLOR IS WHITE. FOR FIXTURES INDICATED AS EMERGENCY ON PLAN, PROVIDE AUTOMATIC LOAD CONTROL RELAY	1. METALUX SNX LENSED SERIES 2. LITHONIA CLX SERIES 3. COLUMBIA LCL LED SERIES	25.5	MULTI	5000K,80CRI, 4000L		
L7	4'-0" CHAIN HUNG LED STRIPLIGHT FIXTURE: MOUNTING AS DESIGNATED ON PLANS. WHITE COLOR, FROSTED LENS WITH WIREGUARD. LOCATE FIXTURES TO AVOID MECHANICAL EQUIPMENT. COLOR IS WHITE. FOR FIXTURES INDICATED AS EMERGENCY ON PLAN, PROVIDE AUTOMATIC LOAD CONTROL RELAY	1. METALUX SNX LENSED SERIES 2. LITHONIA CLX SERIES 3. COLUMBIA LCL LED SERIES	31.8	MULTI	5000K,80CRI, 5000L		
L8	4" ROUND PENDANT LED DOWNLIGHT FIXTURE: WITH VENTILATED DIE CAST ALUMINUM HEAT SINK, SURFACE MOUNTJ BOX MOUNTING STYLE, STANDARD LENGTH CYLINDER, SEMI-SPECULAR REFLECTOR, ADJUSTABLE CORD, 0-10 VOLT 10% DIMMING. COLOR IS BLACK FOR FIXTURES INDICATED AS EMERGENCY ON PLAN, PROVIDE AUTOMATIC LOAD CONTROL RELAY	1. GOTHAM IVO4CYL SERIES 2. CORONET DROP WIDE 4.0 DIRECT 3. PRESCOLITE LTC-4RDW SERIES	34.4	MULTI	5000K,80CRI, 3500L		PROVIDE AIR CRAFT CABLE SUCH THAT BOTTOM OF FIXTURE IS PARALLEL WITH THE ADJACENT BAFFLES
L9	4" ROUND RECESSED LED DOWNLIGHT FIXTURE: WITH VENTILATED DIE CAST ALUMINUM HEAT SINK, SELF FLANGED WHITE TRIM RING WITH SEMI-SPECULAR REFLECTOR, DIFFUSED LENS, WIDE DISTRIBUTION. 0-10 VOLT 10% DIMMING. COLOR IS WHITE. FOR FIXTURES INDICATED AS EMERGENCY ON PLAN, PROVIDE AUTOMATIC LOAD CONTROL RELAY	1. GOTHAM IVO4" SERIES 2. MAXILUME HH4 LED SERIES 3. PORTFOLIO LD4C SERIES	15	MULTI	5000K, 80CRI, 1500L		
L10	PENDANT DECORATIVE LED LIGHT FIXTURE: 3 ARMS, 60 DEGREE APART, DIRECT OPTICAL DISTRIBUTION, FROST DIFFUSER, RC3 CANOPY, 36" STARTING STEM AND 6" MIDDLE STEMS. COLOR IS BLACK	1. EUREKA-JUNCTION 74710 D 2. SOLERA TORX 3. SUBMIT EQUAL FOR ENGINEERING APPROVAL	24.5/ PER ARM	MULTI	5000K, 80CRI, 2300L		
L11	13" DIAMETER ROUND HIGHBAY LIGHT FIXTURE: DIECAST ALUMINUM HOUSING AND HEATSINK. HOOK MOUNTED WITH SAFETY CHAIN OR CABLE. WHITE POLYESTER POWDERCOAT FINISH PAINTED AFTER FABRICATION. IMPACT PROTECTION RATING FOR LENS AND HOUSING IK08. COLOR IS WHITE.	1. METALUX UHBS SERIES 2. LITHONIA JEBL SERIES 3. ORACLE ORHB1-LED SERIES	102	MULTI	5000K, 80CRI, 15,000L		
L12	16" DIAMETER ROUND HIGHBAY LIGHT FIXTURE: DIECAST ALUMINUM HOUSING AND HEATSINK. HOOK MOUNTED WITH SAFETY CHAIN OR CABLE. WHITE POLYESTER POWDERCOAT FINISH PAINTED AFTER FABRICATION. IMPACT PROTECTION RATING FOR LENS AND HOUSING IK08. COLOR IS WHITE.	1. METALUX UHBS SERIES 2. LITHONIA JEBL SERIES 3. ORACLE ORHB1-LED SERIES	195.4	MULTI	5000K, 80CRI, 30,000L		

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER(S)	WATTAGE	VOLTAGE	LIGHT CHARACTERISTICS	CONTROLS	REMARKS
OL1	4" ROUND RECESSED LED VANDAL RESISTANT DOWNLIGHT: LED WITH VENTILATED DIE CAST ALUMINUM HEAT SINK, DIE CAST ALUMINUM BEZEL, TAMPER RESISTANT TORX SCREWS, FULLY SEALED AND GASKETED, SELF FLANGED WHITE TRIM RING WITH CLEAR POLYCARBONATE LENS, WIDE DISTRIBUTION. IP 65 RATED. UL LISTED FOR WET LOCATIONS. COLOR IS WHITE. FOR FIXTURES INDICATED AS EMERGENCY ON PLAN, PROVIDE AUTOMATIC LOAD CONTROL RELAY.	1. GOTHAM , IVO VR SERIES 2. FAILSAFE FLD4C SERIES 3. MAXILUME HL4-IP-VR-LED SERIES	14.7W	MULTI	5000K 80CRI,1500L		
OL2	EXTERIOR LED ARCHITECTURAL WALL PACK LIGHT FIXTURE: DIE CAST ALUMINUM HOUSING WITH INTEGRATED HEAT SINKS FULLY GASKETED, IP66 RATING, VISUAL COMFORT DISTRIBUTION. DUAL SWITCHING OPTION. WHITE FINISH COLOR. FOR FIXTURES INDICATED AS EMERGENCY ON PLAN PROVIDE BCELT BRANCH CIRCUIT EMERGENCY LIGHT TRANSFER SWITCH (BCELTS).	1. LITHONIA WDGE1 LED WALL SCONCE 2. RAYON "TR31 LED" SERIES 3. PERFORMANCE IN LIGHTING "SHIELD+ 2" SERIES	15W	MULTI	5000K, 80CRI, 2000 L		
OL3	LED POLE MOUNTED SITE LIGHTING FIXTURE: POLE TOP CONFIGURATION AS SHOWN ON PLAN. SYMMETRICAL DISTRIBUTION. FULLY GASKETED ALUMINUM HOUSING WITH INTEGRAL WEATHER TIGHT ELECTRONIC LED DRIVER THAT IS U.L. LISTED FOR WET LOCATIONS. BRONZE FINISH COLOR. POLE SHALL HAVE APPROPRIATE MOUNTING BRACKETS WITH CONFIGURATION AS SHOWN ON PLAN, 12'-0" TALL (4") ROUND STEEL, STRAIGHT, POWDER COAT FINISH WITH SQUARE BOLT COVER AND HAND HOLE. 4" POLE CLAMP MOUNT. POLE FINISH TO MATCH FIXTURE.	1. LUMINIS "ELLINGTON" 2. SUBMIT EQUAL FOR ENGINEERING APPROVAL	64	MULTI	5000K 70CRI, 5000L		
OL4	LED POLE MOUNTED SITE LIGHTING FIXTURE: POLE TOP CONFIGURATION AS SHOWN ON PLAN. SYMMETRICAL DISTRIBUTION. FULLY GASKETED ALUMINUM HOUSING WITH INTEGRAL WEATHER TIGHT ELECTRONIC LED DRIVER THAT IS U.L. LISTED FOR WET LOCATIONS. BRONZE FINISH COLOR. POLE SHALL HAVE APPROPRIATE MOUNTING BRACKETS WITH CONFIGURATION AS SHOWN ON PLAN, 12'-0" TALL (4") ROUND STEEL, STRAIGHT, POWDER COAT FINISH WITH SQUARE BOLT COVER AND HAND HOLE. 4" POLE CLAMP MOUNT. POLE FINISH TO MATCH FIXTURE.	1. LUMINIS "ELLINGTON" 2. SUBMIT EQUAL FOR ENGINEERING APPROVAL	90	MULTI	5000K 70CRI, 6600L		
OL5	LED POLE MOUNTED SITE LIGHTING FIXTURE: POLE TOP CONFIGURATION AS SHOWN ON PLAN. TYPE 4 DISTRIBUTION. FULLY GASKETED ALUMINUM HOUSING WITH INTEGRAL WEATHER TIGHT ELECTRONIC LED DRIVER THAT IS U.L. LISTED FOR WET LOCATIONS. COLOR WHITE. POLE SHALL HAVE APPROPRIATE MOUNTING BRACKETS WITH CONFIGURATION AS SHOWN ON PLAN, 30'-0" TALL (5") ROUND STEEL, STRAIGHT, POWDER COAT FINISH WITH SQUARE BOLT COVER AND HAND HOLE. 4" POLE CLAMP MOUNT. POLE FINISH TO MATCH FIXTURE.	1. KIM CURVILINEAR 2. SUBMIT EQUAL FOR ENGINEERING APPROVAL	106	MULTI	5000K 70CRI, 12,000L		
OL6	ARCHITECTURAL LED FLOOD LIGHT FIXTURE : FOR A FLAG POLE, KNUCKLE STRUCTURE MOUNTING, NARROW SYMMETRICAL ROUND DISTRIBUTION, IP65 RATED, HIGH IMPACT RESISTANT LENS. MOUNTED ON GRADE.	1. INVUE VISION FLOOD SMALL 2. NLS LIGHTING-NV-F1 3. BEACON- RATIO FLOOD	35	MULTI	5000K 80CRI, 3000L		
X	LED EXIT LIGHT: QUANTUM LED THERMOPLASTIC SIGN ALUMINUM HOUSING, HIGH OUTPUT LED DIFFUSE LIGHT PANEL, SINGLE STENCIL BRUSHED ALUMINUM FACE WITH RED LETTERS, PROVIDE DOUBLE FACED WHERE INDICATED ON PLAN. REFER TO PLANS FOR MOUNTING TYPES AND DIRECTIONAL ARROWS.	1. EVENLITE TELESIS TLX SERIES 2. COMPASS CE SERIES 3. SURE LITES-LPX SERIES	5	MULTI	HIGH OUTPUT LED LIGHT PANEL		

GENERAL NOTES:
1. REFER TO ARCHITECTURAL FOR CEILING TYPES.
2. WATTAGE LISTED IS FROM THE BASIS OF DESIGN MANUFACTURER.
3. FINISH TO BE APPROVED BY INTERIOR DESIGNER, ARCHITECT OR CLIENT.
4. ALL LUMINAIRES TO BE AS SPECIFIED OR EQUAL APPROVED BY PBA AND/OR ILLUMINART PRIOR TO BIDS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Peter Basso Associates
CONSULTING ENGINEERS
5145 Livernois, Suite 100
Troy, Michigan 48098-3276
Tel: 248-879-5666
www.PeterBassoAssociates.com
PBA Project No.: 2025.0326

PROJECT TITLE

Dexter High School Additions

Dexter Community Schools
Dexter, MI

DRAWING TITLE

LIGHTING SCHEDULES

ISSUE DATES

DATE:	ISSUED FOR:
03-09-2026	D.R. 1 - CONSTRUCTION DOCUMENTS
02-09-2026	OWNER REVIEW
01-19-2026	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

25026D

DRAWING NO.

E7.4

g:\2025\2025-0326-00\CAD\2025-0326-E7-LS.dwg, E7.3, 3/9/2026 9:44:57 AM, Rachel L. Wilson, None .0.09448, Peter Basso Associates Inc.

COMMUNICATION SYMBOL LEGEND

SYMBOL	DESCRIPTION
⬡ 1	THIS SYMBOL WITH A NUMBER INSIDE REFERS TO KEYNOTES. REFER TO NOTES ON THE SHEET OR WITHIN THE DETAIL FOR ADDITIONAL INFORMATION
A	EQUIPMENT SCHEDULE. THIS SYMBOL WITH LETTERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
1	CABLE SCHEDULE. THIS SYMBOL WITH NUMBERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
◇ XXXX	DATA COMMUNICATIONS OUTLET CONNECTIVITY CODE. X IS A 1 THRU 99. SEE TC1XX SHEETS FOR SPECIFIC REQUIREMENTS. XXXX NOTES THAT THE CABLE IS FOR A SPECIFIC USE
◇ 12:08 12:08	TWO SIDED DIGITAL CLOCK. SEE CONNECTIVITY CODE FOR CLOCK TYPE.
◇ 12:08	SINGLE SIDED DIGITAL CLOCK. SEE CONNECTIVITY CODE FOR CLOCK TYPE.

ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
2G	TWO-GANG BOX – PROVIDED BY EC	NIC	NOT IN CONTRACT
AC	ABOVE COUNTER – INSTALL BACKBOX SAME HEIGHT AS OTHER ELECTRICAL OUTLETS ABOVE THE COUNTER.	PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR	PCO-1	PATCH CORD ORGANIZER – 1 UNIT HIGH
AFG	ABOVE FINISHED GROUND	PCO-2	PATCH CORD ORGANIZER – 2 UNITS HIGH
AWG	AMERICAN WIRE GAUGE	PET	PROTECTED ENTRANCE TERMINAL
EMT	EMT TYPE CONDUIT	QTY	QUANTITY
EC	ELECTRICAL CONTRACTOR		

COMMUNICATION EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
A	TELECOMMUNICATIONS GROUND BAR (TGB). 1/4"x4"x10" EQUIPPED WITH INSULATED STAND-OFFS.	HUBBELL	HBBB14210A
B	SINGLE RACK UNIT PATCH CORD ORGANIZER (PCO-1) WITH HINGED COVER.	HUBBELL	HS13C
C	PATCH PANEL-24 PORT, EQUIPPED WITH 8-PIN MODULAR JACKS TO MATCH THE CABLE COLOR AND CABLE TYPE BEING TERMINATED. PROVIDE ONE MODULAR JACK FOR EACH CABLE BEING TERMINATED. SEE SPEC AND DRAWINGS FOR COLORS. EQUIP WITH REAR CABLE ORGANIZER	HUBBELL	PANEL: HPJ24 ORGANIZER: ECMBR3
D	2-POST RACK; 7'x19" BLACK RELAY RACK EQUIPPED WITH ONE FULL-LENGTH 6" VERTICAL ORGANIZER. RELAY RACK IS TO BE CONFIGURED WITH VERTICAL & HORIZONTAL CABLE LADDER AS SHOWN ON THE DRAWINGS AND AS DESCRIBED IN THE SPECS. EACH RACK SHALL BE CONFIGURED WITH ONE (1) 6" WIDE VERTICAL ORGANIZER WITH A COVER.	ORTRONICS	19-84-T2SD-B/ VO-84-T6E/ VO-84-T6CVE
E	POWER STRIP, VERTICAL, FOR BACK OF EACH RACK. SALL HAVE (14) NEMA 5-15/20R RECEPTACLES. PLUG INTO WALL OUTLET. SHALL HAVE L5-20P PLUG AND 15' CORD.ATTACH TO THE RACK OR VERTICAL CABLE LADDER OF EACH RACK.	EATON	PDUMV20-36
F	VERTICAL ORGANIZER. 6" WIDE. MOUNT TO SIDE OF RACKS AND IN BETWEEN RACKS WHEN THERE ARE MULTIPLE RACKS IN A ROW	RXL	3326-BK06
G	RACK MOUNT FIBER PANEL. USE WHEN TERMINATING 24 OR LESS FIBER STRANDS. PROVIDE EACH FIBER PANEL WITH "SC" SIX OR 12 PACKS AS REQUIRED FOR TERMINATION OF ALL FIBERS. PROVIDE SPLICE TRAY AND SHELF FOR FUSION SPLICES TO PIGTAILS.	HUBBELL	FPR3SP
H	FIBER OPTIC CABLE STOWAGE RING. WALL MOUNTED. 12" OR 24". PROVIDE AND INSTALL TO SUPPORT BEND RADIUS REQUIREMENTS OF THE FIBER CABLE'	LEVITON	12" #48900-IFR / 24" #48900-OFR

CABLE SCHEDULE

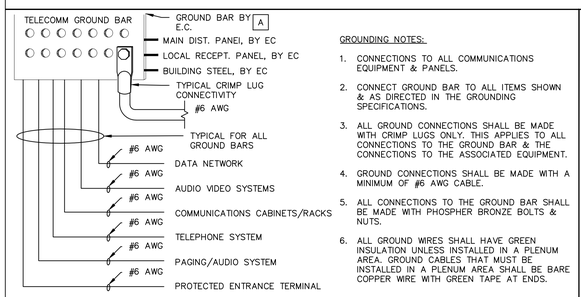
MARK	DESCRIPTION	MANUFACTURER	PART NO.
1	CAT-6 UTP CABLES FOR DATA COMMUNICATIONS SHALL BE BLUE IN COLOR	MOHAWK	M58281
2	CAT-6 UTP CABLES FOR SECURITY CAMERAS SHALL BE GREEN IN COLOR	MOHAWK	M58286
3	CAT-6A UTP CABLES FOR WIRELESS ACCESS POINTS SHALL BE YELLOW IN COLOR	MOHAWK	M59148
4	CAT-6 UTP CABLES FOR TIE PANELS BETWEEN COMM ROOMS SHALL BE VIOLET IN COLOR	MOHAWK	M58290
5	CAT-6 UTP CABLES FOR CLOCK/PAGING CONNECTIVITY SHALL BE BROWN IN COLOR	MOHAWK	M58756
6	12 STRAND SINGLEMODE FIBER CABLE, PLENUM RATED -ARMORED	OCC	DZ012TSLX9YP18

ANALOG PAGING SPEAKER EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
S21	PAGING SYSTEM SPEAKER. INDOOR/OUTDOOR HORN.	ATLAS IED	GA-30T
S22	PAGING SYSTEM SPEAKER FOR DROP CEILING INSTALLATION. EQUIP WITH WHITE GRILL AND MULTI TAPS. PROVIDE T-BAR AND BACKBOX	ATLAS IED	SD72WV
S23	PAGING SYSTEM SPEAKER. SURFACE MOUNTED, INCLUDES BACKBOX. SHALL BE SURFACE MOUNTED FROM THE BUILDING STRUCTURE.	ATLAS IED	SBMS

IP PAGING CLOCK/SPEAKER EQUIPMENT SCHEDULE

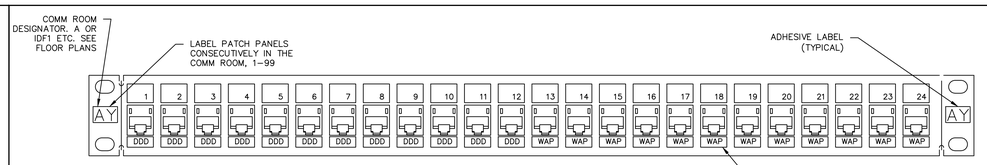
MARK	DESCRIPTION	MANUFACTURER	PART NO.
TA	DIGITAL IP WALL MOUNTED CLOCK WITH SPEAKER. INCLUDE TALKBACK MIC, FLASHER AND 25/70V SWITCH	ATLAS IED	IP-SDMF
TB	DIGITAL IP WALL MOUNTED CLOCK. INCLUDE FLASHER	ATLAS IED	IP-DD
TC	POE+ TO ANALOG GATEWAY ZONE CONTROLLER WITH AMPLIFIER AND RACK KIT	ATLAS IED	IPZCM1RMK
TD	AUDIO AMPLIFIER. SIZE TO DRIVE SPEAKERS CONNECTED	QSYS	SPA SERIES



GROUNDING NOTES:

1. CONNECTIONS TO ALL COMMUNICATIONS EQUIPMENT & PANELS.
2. CONNECT GROUND BAR TO ALL ITEMS SHOWN & AS DIRECTED IN THE GROUNDING SPECIFICATIONS.
3. ALL GROUND CONNECTIONS SHALL BE MADE WITH CRIMP LUGS ONLY. THIS APPLIES TO ALL CONNECTIONS TO THE GROUND BAR & THE CONNECTIONS TO THE ASSOCIATED EQUIPMENT.
4. GROUND CONNECTIONS SHALL BE MADE WITH A MINIMUM OF #6 AWG CABLE.
5. ALL CONNECTIONS TO THE GROUND BAR SHALL BE MADE WITH PHOSPHER BRONZE BOLTS & NUTS.
6. ALL GROUND WIRES SHALL HAVE GREEN INSULATION UNLESS INSTALLED IN A PLENUM AREA. GROUND CABLES THAT MUST BE INSTALLED IN A PLENUM AREA SHALL BE BARE COPPER WIRE WITH GREEN TAPE AT ENDS.

5 COMMUNICATIONS GROUNDING DETAIL — TC101



NOTES:
1. INSTALL A LABEL TO EACH PATCH PANEL DETAILING THE COMM ROOM NUMBER AND PATCH PANEL NUMBER. EACH PANEL IS PRE-NUMBERED 01-24 ON EACH PANEL.
2. ALL LABELS ADDED TO THE PANEL SHALL BE LASER PRINTED AND CUT TO FIT. ALL NUMBERS SHALL EXACTLY ALIGN WITH THE LOCATION ON THE PATCH PANEL.
3. IF THE PANEL IS NOT PRE-LABELED 01-24 THEN THE CONTRACTOR SHALL INSTALL A LABEL FOR EACH PORT.
4. THE CABLES SHALL BE TERMINATED ON THE PATCH PANEL IN NUMERICAL ORDER. NO EXCEPTIONS.
5. ADD LABELS FOR CAMERA NUMBERS OR WAP NUMBERS DEPENDING UPON PATCH PANEL. SEE RACK LAYOUTS TO DETERMINE IF CAMERA AND WAP CABLES WILL BE ON SEPARATE OR SHARED PATCHPANELS

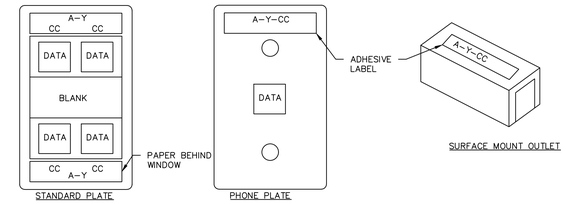
DATA CABLE LABELING A-Y-CC

A = COMMUNICATIONS ROOM NUMBER. A, B OR C ETC.
Y = PATCH PANEL IN THAT COMMUNICATIONS ROOM
CC = PORT NUMBER ON PATCH PANEL 1-24.

DDD = CAMERA NUMBER. MEET WITH OWNER AND SECURITY CONTRACTOR TO OBTAIN THIS NUMBER

WAP = WAP NUMBER. MEET WITH OWNER TO OBTAIN THIS NUMBER

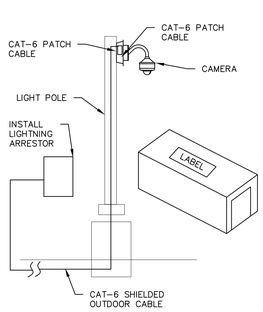
3 CAMERA OR WIRELESS PANEL LABELING — TC101



NOTES:
1. INSTALL A PAPER LABEL BEHIND THE PLASTIC WINDOW IN STANDARD PLATES THAT ARE EQUIPPED WITH THE WINDOWS.
2. PROVIDE ADHESIVE LABELS ON WALL PHONE PLATES & SURFACE MOUNT OUTLETS & PLATES WITHOUT LABELING WINDOWS.

DATA CABLE LABEL:
A = COMMUNICATIONS ROOM, A, B, ETC.
Y = PATCH PANEL IN THAT RACK OR CABINET 1-X
CC = PORT ON THAT PANEL FROM 01-24

1 TYPICAL FACEPLATE LABELING — TC101



0

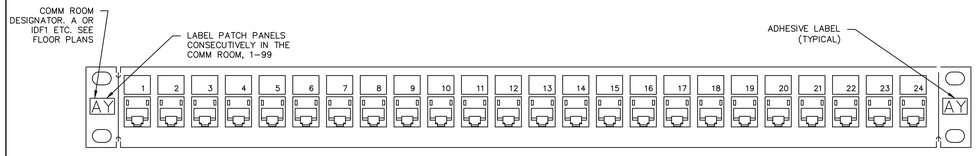
PARTS / CONNECTIVITY CODE

QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES	PAIGE	25030303
1	CAT-6 JACK	HUBBELL	SHIELDED
1	LIGHTNING ARRESTOR WITH POE PASS THRU	EMERSON/EDCO	CAT6-POE

INSTALLATION NOTES:
1. PROVIDE A SURFACE MOUNT BOX IN THE CAMERA BACKBOX.
2. SEE SECURITY CAMERA ONE-LINE FOR ACTUAL ROUTING OF CABLES TO SERVE THE CAMERA.
3. INSTALL SHIELDED CAT-6 JACKS AT EACH END OF THE CABLE.
4. CONNECT TO LIGHTNING ARRESTOR AT THE BUILDING. CONNECT TO GROUND BAR IN COMM ROOM.

SECURITY CAMERA ON POLE

6 CONNECTIVITY CODE — TC101

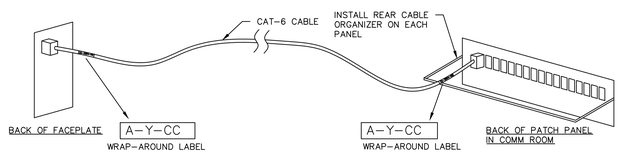


NOTES:
1. INSTALL A LABEL TO EACH PATCH PANEL DETAILING THE COMM ROOM NUMBER AND PATCH PANEL NUMBER. EACH PANEL IS PRE-NUMBERED 01-24 ON EACH PANEL.
2. ALL LABELS ADDED TO THE PANEL SHALL BE LASER PRINTED AND CUT TO FIT. ALL NUMBERS SHALL EXACTLY ALIGN WITH THE LOCATION ON THE PATCH PANEL.
3. IF THE PANEL IS NOT PRE-LABELED 01-24 THEN THE CONTRACTOR SHALL INSTALL A LABEL FOR EACH PORT.
4. INDIVIDUAL CABLES AT A SINGLE FACEPLATE SHALL BE LABELED IN SEQUENCE AS PER THE PATCH PANEL.
5. THE CABLES SHALL BE TERMINATED ON THE PATCH PANEL IN NUMERICAL ORDER. NO EXCEPTIONS.

DATA CABLE LABELING A-Y-CC

A = COMMUNICATIONS ROOM NUMBER. A, B OR C ETC.
Y = PATCH PANEL IN THAT COMMUNICATIONS ROOM
CC = PORT NUMBER ON PATCH PANEL 0-24.

4 CAT-6 DATA PANEL LABELING — TC101



NOTES:
1. INSTALL A WRAP-AROUND LABEL AT EACH END OF EACH CABLE.
2. WRAP-AROUND LABELS SHALL BE LASER-PRINTED AND SHALL BE SELF-LAMINATING.

CABLE LABEL:

A = COMMUNICATIONS ROOM NUMBER. A, B OR C ETC.
Y = PATCH PANEL IN THAT COMMUNICATIONS ROOM
CC = PORT NUMBER ON PATCH PANEL 0-24.
DDD = CAMERA OR WAP NUMBER

2 TYPICAL CABLE LABELING AT FACEPLATE & PATCH PANEL — TC101

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE
HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE
Cabling Legends, Schedules & Details

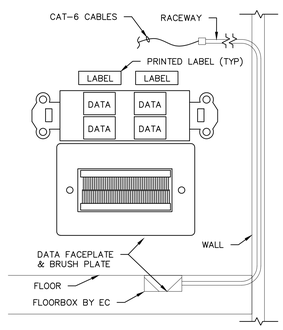
ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 – CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	BWH
APPROVED	BWE

PROJECT NO.
25026D

DRAWING NO.
TC101



10

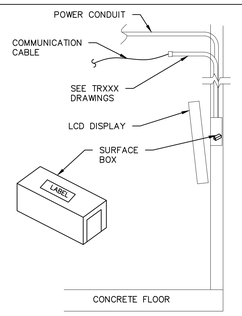
PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
4	CAT-6 CABLES	MOHAWK	M58281
4	CAT-6 JACK	HUBBELL	HXJ6OW
1	4-HOLE 106	HUBBELL	ISF4OW
1	1-GANG BRUSH PLATE	VANCO	VAN-120817X

INSTALLATION NOTES:

1. INSTALL DATA CABLES THRU RACEWAY AND INTO FLOORBOX.
2. IF IN-FLOOR BOX IS A POKE-THRU THEN CABLES SHALL BE INSTALLED IN CEILING OF FLOOR BELOW.
3. PROVIDE BRUSH PLATE FOR ACCESS CONTROL CABLING PASS-THRU.
4. EACH CABLE SHALL BE LABELED AT EACH END WITH A LASER PRINTED WRAP AROUND LABEL.
5. SEE FLOORPLAN FOR INSTALLATION LOCATION.

10 CONNECTIVITY CODE
TC102



5

RACEWAY CODE

PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES	MOHAWK	M58281
1	CAT-6 JACK	HUBBELL	HXJ6OW

INSTALLATION NOTES:

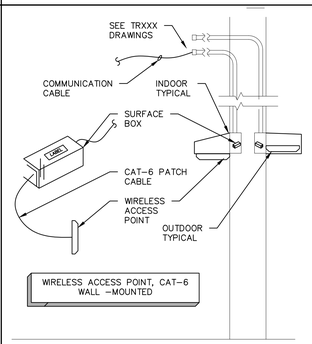
1. LABEL CABLE AND SURFACE BOX WITH CABLE NUMBER
2. COIL DATA CABLE AND MOUNT SURFACE MOUNT BOX TO SIDE OF THE IN-WALL BACKBOX.

5 CONNECTIVITY CODE
TC102

INSTALLATION NOTES:

1. REFER TO THESE NOTES FOR ALL CONNECTIVITY CODES. FOR SPECIALIZED NOTES SEE THE ACTUAL CONNECTIVITY CODE.
2. ROUTE ALL USER CABLES FROM THE RACK OR CABINET, THROUGH THE CABLE TRAY IF SO PROVIDED. IF NO CABLE TRAY IS SHOWN INSTALL CABLES THROUGH "J" HOOKS. PROVIDE ALL "J" HOOKS.
3. CABLES SHALL BE SUPPORTED NO LESS THAN EVERY 5 FEET.
4. PROVIDE A SMALL LOOP OF CABLE ABOVE THE CEILING PRIOR TO INSTALLING THE CABLE INTO THE USER CONDUIT OR RACEWAY.
5. ROUTE THE CABLE THROUGH THE CONDUIT OR RACEWAY AND TO THE WALLBOX, FLOORBOX OR SURFACE MOUNT BOX. PROVIDE ENOUGH EXTRA CABLE FOR TERMINATION AND MAINTENANCE.
6. TERMINATE ALL CABLES WITH THE CORRECT CONNECTORS.
7. ALL CONNECTORS SHALL BE INSERTED INTO THE KEYSTONE PLATES AND THEN THE KEYSTONE PLATES SHALL BE INSTALLED INTO THE FACEPLATES.
8. INSTALL FACEPLATES TO THE BOXES OR DIRECTLY TO THE WALL OR FURNITURE IN THE CASE OF SURFACE MOUNT BOXES.
9. EACH CABLE SHALL HAVE A LASER-PRINTED, SELF-LAMINATING WRAP-AROUND LABEL AT EACH END. SEE DETAILS ON TC101
10. OUTLETS SHALL BE AT 18" AFF UNLESS NOTED ON THE CONNECTIVITY CODE OR PLAN DRAWINGS.
11. LABEL EACH FACEPLATE WITH A LASER-PRINTED LABEL THAT IS INSTALLED BEHIND THE CLEAR PLASTIC LABEL STRIP. WHERE NO LABEL STRIP IS PROVIDED, THE CONTRACTOR SHALL INSTALL A LASER PRINTED ADHESIVE LABEL. WHERE SPECIFICALLY NOTED, THE CONTRACTOR SHALL INSTALL ENGRAVED LAMACOID LABELS.
12. AFTER INSTALLATION, ALL CABLES SHALL BE TESTED. SEE SPECIFICATIONS FOR TESTING REQUIREMENTS.
13. SEE DRAWINGS AND SPECS FOR DETAILS ON LABELING PLATES AND PANELS IN THE COMM ROOMS
14. PROVIDE FLEXIBLE CONDUIT FROM THE WALLBOX OR FLOORBOX TO THE FURNITURE RACEWAY WHERE CABLES ARE INSTALLED IN FURNITURE.

N CONNECTIVITY CODE
MOHAWK NOTE
TC102



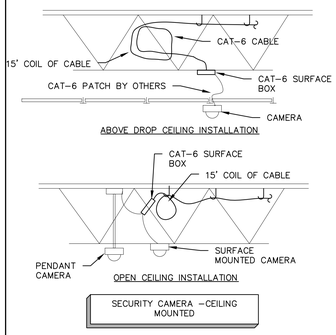
11

PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES-YELLOW	MOHAWK	M58283
1	CAT-6 JACK	HUBBELL	HXJ6Y
INDOOR MOUNT			
1	RIGHT ANGLE AP MOUNT OBERON		1011-00-WH
OUTDOOR MOUNT			
1	RIGHT ANGLE AP MOUNT OBERON		1022 SERIES

NOTES:
1. IF NO CONDUIT EXISTS, FISH WALL.
2. INSTALL IN BACKBOX OR ABOVE CEILING.

11 CONNECTIVITY CODE
TC102



6

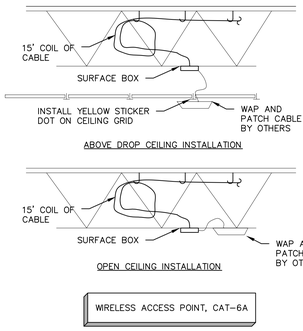
PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES-GREEN	MOHAWK	M58286
1	CAT-6 JACK	HUBBELL	HXJ6GN

INSTALLATION NOTES:

1. INSTALL A SURFACE MOUNT BOX TO THE BUILDING STRUCTURE NEAR THE SECURITY CAMERA LOCATION.
2. SEE FLOORPLAN FOR LOCATION.
3. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR TYPE

6 CONNECTIVITY CODE
TC102



1

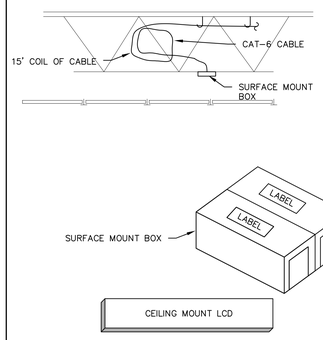
PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6A CABLES-YELLOW	MOHAWK	M59148
1	CAT-6A JACK	HUBBELL	HJ6AY

INSTALLATION NOTES:

1. INSTALL A SURFACE MOUNT BOX TO THE BUILDING STRUCTURE NEAR THE ACCESS POINT LOCATION.
2. REVIEW CEILING PLAN FOR INSTALLATION. INSTALL CONDUIT FOR LOCATIONS WHERE THE LCD IS IN AN OPEN CEILING.
3. INSTALL A LASER PRINTED CABLE LABEL ON THE CEILING WHERE THE CABLE TERMINATES. THIS WILL ALLOW THE FUTURE USER TO FIND THE CABLE TO EVENTUALLY INSTALL WIRELESS ACCESS POINT.

1 CONNECTIVITY CODE
TC102



12

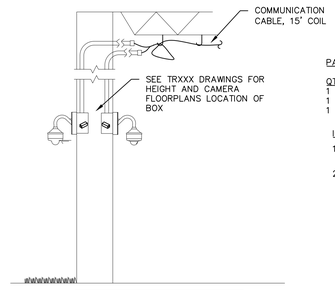
PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
2	SURFACE BOX	HUBBELL	HSB10W
2	CAT-6 CABLES	MOHAWK	M58281
2	CAT-6 JACK	HUBBELL	HXJ6OW

INSTALLATION NOTES:

1. INSTALL SURFACE MOUNT BOXES TO THE BUILDING STRUCTURE NEAR THE LCD LOCATION.
2. REVIEW CEILING PLAN FOR INSTALLATION. INSTALL CONDUIT FOR LOCATIONS WHERE THE LCD IS IN AN OPEN CEILING.
3. INSTALL A LASER PRINTED CABLE LABEL ON THE CEILING WHERE THE CABLE TERMINATES. THIS WILL ALLOW THE FUTURE USER TO FIND THE CABLE TO EVENTUALLY INSTALL THE DEVICE.

12 CONNECTIVITY CODE
TC102



7

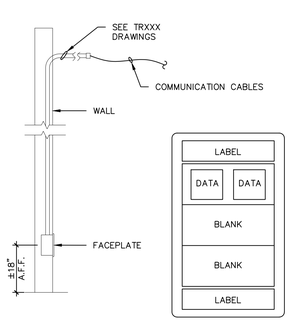
PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES-GREEN	MOHAWK	M58286
1	CAT-6 JACK	HUBBELL	HXJ6GN

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE BACKBOX AT THE SECURITY CAMERA LOCATION.
2. SEE FLOORPLAN FOR INSTALLATION LOCATION. SEE TR RACEWAY DRAWINGS FOR HEIGHT OF CAMERA AND CABLING.

7 CONNECTIVITY CODE
TC102

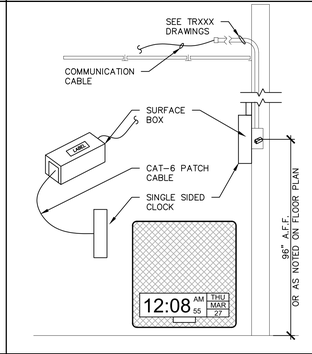


2

PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	FACEPLATE	HUBBELL	IMF1OW
2	CAT-6 CABLES	MOHAWK	M58281
2	CAT-6 JACK	HUBBELL	HXJ6OW
1	TWO-HOLE KEYSTONE	HUBBELL	IM2K1OW
2	1 UNIT BLANK	HUBBELL	IMB1OW

2 CONNECTIVITY CODE
TC102



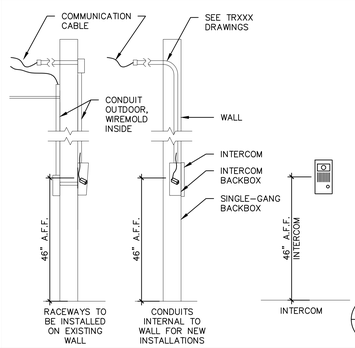
13

PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLE-BROWN	MOHAWK	M58786
1	CAT-6 JACK-BROWN	HUBBELL	HXJ6BN
1	IP CLOCK	ATLASIED	IP-SDMF

NOTES:
1. CONTRACTOR SHALL FISH WALL IF POSSIBLE OR INSTALL WIREMOLD V700 FROM ACCESSIBLE CEILING TO CLOCK

13 CONNECTIVITY CODE
TC102



8

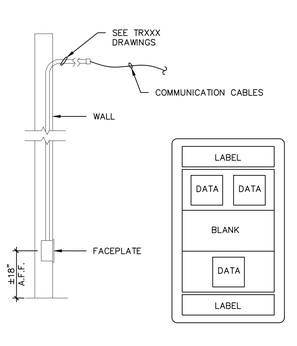
PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLE-PURPLE	MOHAWK	M58290
1	CAT-6 JACK-PURPLE-RACK	HUBBELL	HXJ6P
1	CAT-6 JACK-PURPLE-PLATE	HUBBELL	HXJ6P

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE BACKBOX AT THE INTERCOM LOCATION.
2. SEE FLOORPLAN FOR INSTALLATION LOCATION.
3. TERMINATE THE PURPLE CABLE WITH A PURPLE JACK AT BACKBOX AND AT COMM ROOM. CHOOSE LAST PORT ON A PATCH PANEL.

8 CONNECTIVITY CODE
TC102

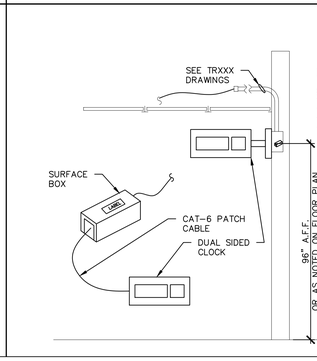


3

PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	FACEPLATE	HUBBELL	IMF1OW
3	CAT-6 CABLES	MOHAWK	M58281
3	CAT-6 JACK	HUBBELL	HXJ6OW
1	TWO-HOLE KEYSTONE	HUBBELL	IM2K1OW
1	ONE-HOLE KEYSTONE	HUBBELL	IM1K1OW
1	1 UNIT BLANK	HUBBELL	IMB1OW

3 CONNECTIVITY CODE
TC102

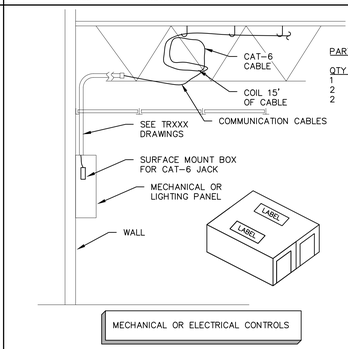


14

PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLE	MOHAWK	M58281
1	CAT-6 JACK	HUBBELL	HXJ6BL
1	IP CLOCK	ATLASIED	IP-DDS

14 CONNECTIVITY CODE
TC102



9

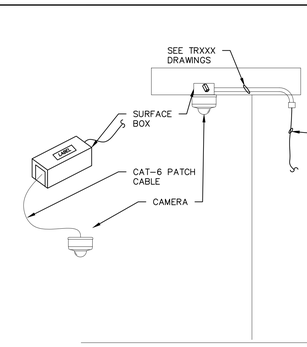
PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB20W
2	CAT-6 CABLE,	MOHAWK	M58281
2	CAT-6 JACK	HUBBELL	HXJ6OW

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE INTERIOR SIDE OF THE MECHANICAL CONTROLS PANEL LOCATION.
2. SEE FLOOR PLANS FOR INSTALLATION LOCATION.
3. TERMINATE CABLE AT COMM ROOM IN A PATCH PANEL. PROVIDE MODULAR JACK AT PANEL.
4. COORDINATE LOCATION WITH MECHANICAL OR ELECTRICAL CONTRACTOR

9 CONNECTIVITY CODE
TC102



4

PARTS

CONNECTIVITY CODE			
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES-GREEN	MOHAWK	M58286
1	CAT-6 JACK	HUBBELL	HXJ6GN

4 CONNECTIVITY CODE
TC102

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE

Cabling Connectivity Codes

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 – CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	BWH
APPROVED	BWE

PROJECT NO.

25026D

DRAWING NO.

TC102

GENERAL NOTES:

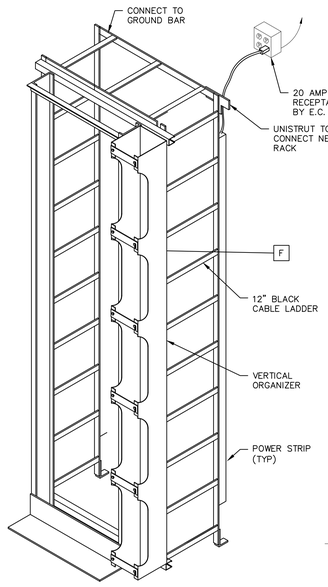
1. RACKS SHALL BE SECURED TO THE FLOOR WITH ANCHORS.
2. INSTALL THE BACKBONE CABLES THAT ROUTE BETWEEN COMMUNICATIONS ROOMS. COIL SPARE FIBER CABLE ON THE WALL. ROUTE CABLES TO THE RACK/CABINET VIA CABLE LADDER.
3. ALL USER DATA CABLES SHALL ROUTE IN THE CEILING & THEN ROUTE DOWN VERTICAL CABLE LADDER TO THE RACK. AT THE RACK/CABINET, PROVIDE A "DRIP LOOP" FOR ALL THE CABLES DRIP LOOP SHALL BE A MINIMUM OF ONE FOOT.
4. CONNECT ALL RACKS, CABINETS AND CABLE LADDER TO THE GROUND BAR AS DESCRIBED IN THE GROUNDING DETAIL DETAIL & THE GROUNDING SPECIFICATIONS.
5. CONTRACTOR SHALL INSTALL RACKS WITH ALL 12" CABLE LADDER AS SHOWN. CABLE LADDER SHALL BE USED FOR ROUTING CABLES FROM ABOVE & BELOW TO THE BACK OF THE PATCH PANELS IN THE RACKS.
6. CABLE LADDER SHALL BE INSTALLED VERTICALLY & HORIZONTALLY BEHIND EACH RACK. VERTICAL LADDER SHALL BE CENTERED DIRECTLY BEHIND THE 6" VERTICAL ORGANIZER.
7. ALL CABLE LADDER AND UNISTRUT SHALL BE CONFIGURED SO IT WILL NOT IMPEDE COMPONENTS INSTALLED IN THE RACK.
8. COMMUNICATIONS CONTRACTOR SHALL INSTALL POWER STRIPS TO THE BACK OF THE CABLE LADDER & EXTEND POWER CORD TO RECEPTACLE MOUNTED TO THE BACK OF THE VERTICAL ORGANIZER. RECEPTACLE SHALL BE A 20 AMP PLUG.
9. CONNECT RACK AND CABLE LADDER TO THE GROUND BAR IN THE COMM ROOM. SEPARATE GROUND CABLE FOR EACH. ENSURE ALL CABLE LADDER IS ELECTRICALLY CONNECTED WITH STAR WASHERS OR INDIVIDUAL GROUND BARS FOR EACH SECTION

WALLFIELD NOTES:

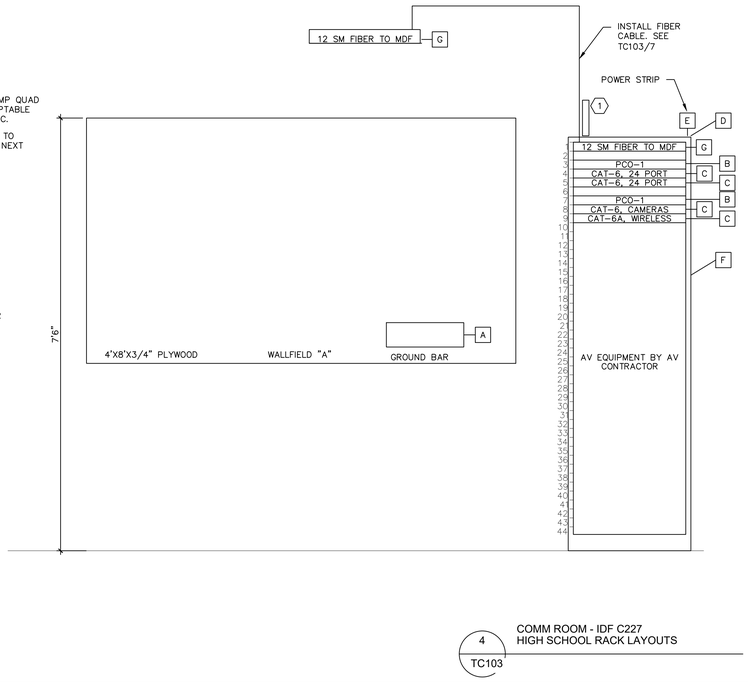
A. PLYWOOD SHALL BE INSTALLED ON THE WALL SHOWN IN THE COMMUNICATIONS ROOM FLOOR PLAN AND AS DETAILED IN THIS DRAWING.
B. VERTICAL PLYWOOD SHALL BE MOUNTED AT 12" AFF TO THE BOTTOM OF THE PLYWOOD
C. HORIZONTAL PLYWOOD SHALL BE MOUTED AT 42" AFF TO THE BOTTOM OF THE PLYWOOD.
D. PLYWOOD SHALL BE FIRE RESISTANT PLYWOOD. GRADE "A" ON THE SIDE TOWARDS THE USER.
E. PLYWOOD SHALL BE PAINTED WITH WHITE PAINT. LEAVE ONE OF THE FIRE RESISTANT STAMPS VISIBLE. DO NOT PAINT OVER THE STAMP.
F. THE CONTRACTOR SHALL INSTALL D-RINGS OR CABLE LADDER TO ROUTE CABLES HORIZONTALLY & VERTICALLY ALONG THE WALLFIELD.

KEYED NOTES:

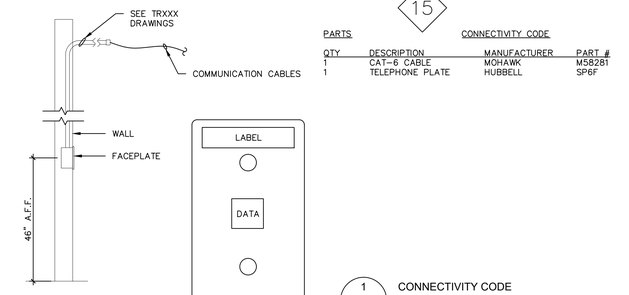
1. CONTRACTOR SHALL INSTALL 12" CABLE LADDER VERTICALLY FROM TOP OF CABINET OR RACK TO THE CEILING AREA FOR ROUTING USER CABLES TO THE PANELS.



CABLE LADDER DETAIL



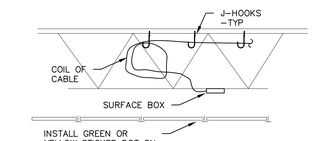
4 TC103 COMM ROOM - IDF C227 HIGH SCHOOL RACK LAYOUTS



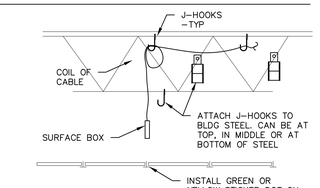
PARTS — CONNECTIVITY CODE

QTY	DESCRIPTION	MANUFACTURER	PART #
1	CAT-6 CABLE	MOHAWK	M58281
1	TELEPHONE PLATE	HUBBELL	SP6F

1 TC103 CONNECTIVITY CODE



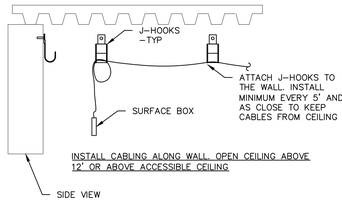
DROP CEILING INSTALLATION WHERE THERE IS BUILDING STEEL WITHIN 24" OF DROP CEILING

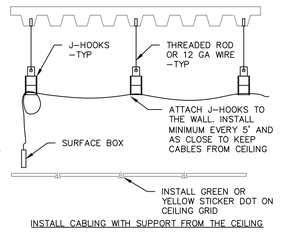


DROP CEILING INSTALLATION WHERE THERE IS BUILDING STEEL MOPE THAN 24" OF DROP CEILING

INSTALLATION NOTES:

1. CONTRACTOR SHALL INSTALL CABLE SUPPORTS TO ENSURE CABLES ARE NOT LAYING ON CONDUIT, WATERPIPE OR BUILDING STEEL.
2. CONTRACTOR SHALL INSTALL CABLE SUPPORTS SUCH AS J-HOOKS AND BRIDLE RINGS TO SUPPORT CABLE EVERY 5' MINIMUM
3. WHEN ROUTING CABLES ALONG A WALL, ABOVE A CEILING OR ABOVE 12' AFF, INSTALL J-HOOKS ON WALL EVERY 5' MINIMUM OR AS REQUIRED TO KEEP CABLES FROM RESTING ON CEILING.
4. THERE SHALL BE ABSOLUTELY NO USE OF TAPE OR TY-WRAPS ON THE CABLES. USE ONLY VELCRO STRAPS ON CABLE. DO NOT SUPPORT CABLE DIRECTLY TO CONDUITS, PIPES OR BUILDING STEEL.
5. DO NOT USE DROP CEILING TILE WIRES TO SUPPORT CABLES. WHERE NO BUILDING STEEL OR WALL IS AVAILABLE INSTALL DROP CEILING WIRES AND ANCHORT TO BUILDING STEEL OR DIRECTLY INTO CONCRETE CEILING.
6. INSTALL CABLE SUPPORTS DIRECTLY ABOVE THE CAMERA OR WAP LOCATION. COIL CABLE AND SUPPORT ON A J-HOOK OR BRIDLE RING. USE VELCRO TO SECURE LOOP TO THE CABLE SUPPORT.

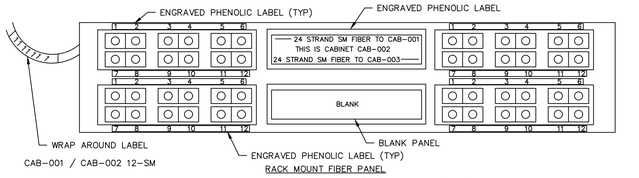




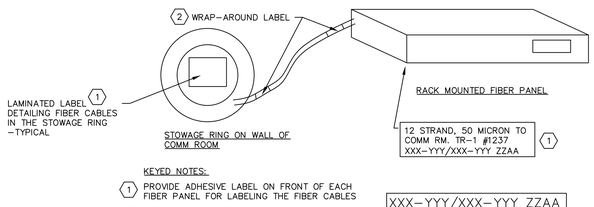
2 TC103 DATA CABLE SUPPORT DETAILS AND REQUIREMENTS

NOTES

1. THE FIBER PANELS AT THE RACK AND AT THE EXTERIOR CABINETS SHALL BE LABELED TO IDENTIFY THE FIBER.
2. LABELS IDENTIFYING THE FIBER CABLES SHALL BE ENGRAVED LABELS WITH BLACK BACKGROUND AND WHITE LETTERS.
3. SIZE THE LABELS TO MATCH THE SIZE OF THE PANEL. PROVIDE A SAMPLE TO THE OWNER AND ENGINEER PRIOR TO PURCHASING.
4. PROVIDE A WRAP-AROUND LABEL ON THE FIBER CABLE AS IT ENTERS THE PATCH PANEL. LASER PRINTED



8 TC103 FIBER OPTIC PANEL LABELING DETAIL
NOT TO SCALE



KEYED NOTES:

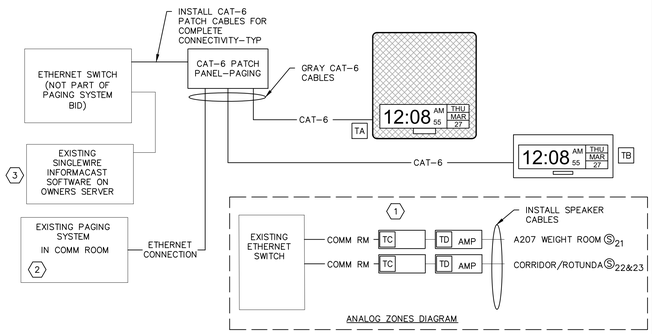
1. PROVIDE ADHESIVE LABEL ON FRONT OF EACH FIBER PANEL FOR LABELING THE FIBER CABLES
2. INSTALL SELF-LAMINATING, WRAP-AROUND LABELS AT FIBER PANEL AND STOWAGE RING.

XXX-YYY/XXX-YYY ZZAA
WRAP-AROUND LABEL
XXX = CABINET OR BUILDING. CAB/ADM IN EXAMPLE
YYY = CABINET NUMBER OR BUILDING ROOM #
ZZ = FIBER STRAND COUNT
AA = MULTIMODE MM OR SINGLEMODE SM

9 TC103 FIBER OPTIC CABLE LABELING

KEYED NOTES:

1. WHERE MULTIPLE SPEAKERS ARE REQUIRED TO BE ON THE SAME ZONE. PROVIDE AMPLIFIER AS REQUIRED TO POWER ALL SPEAKERS.
2. EXISTING PAGING SYSTEM IS INSTALLED IN AN EXISTING CABINET OR ON THE WALL IN THE COMMUNICATION ROOMS. COORDINATE WITH THE DISTRICT FOR LOCATIONS. CONNECT TO POWER.
3. LOAD ALL PAGING SYSTEM SOFTWARE ON NO LESS THAN 3 OF THE OWNERS PC'S AT THE BUILDING. SHALL WORK ON A WINDOWS OR APPLE DEVICE.



ANALOG ZONES DIAGRAM

NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CABLES ASSOCIATED WITH THE CONNECTIVITY OF THE PAGING/BELL SYSTEM. ALL SHALL BE PLENUM RATED
2. SEE BID SCOPES AND FLOORPLANS FOR WHO IS TO INSTALL THE CAT-6 CABLES FROM COMM ROOM TO ALL IP POE DEVICES.
3. ALL CABLES FOR PAGING SYSTEM SHALL BE GRAY AND PLENUM RATED.
4. CONTRACTOR SHALL LABEL EACH PAGING SYSTEM SPEAKER CABLE. THE LABEL SHALL BE "ZONE XXX" WHERE XXX DESIGNATES THE EXTENSION THAT THE CABLE IS CONNECTED TO. CABLES SHALL BE LABELED AT EACH TERMINATION POINT & AT EACH PATCH PANEL IN COMM ROOM
5. PROVIDE INTERCONNECTION CABLES AS REQUIRED FOR ZONES AND POWER DISTRIBUTION TO THE SPEAKERS FROM AMPLIFIERS AND FROM CLOCKS. CONTRACTOR SHALL VERIFY CONFIGURATION WITH ENGINEER PRIOR TO INSTALLATION.
6. IDENTIFY EXISTING SPEAKERS TO REMAIN AND EXISTING CABLE THAT ATTACHES TO THOSE SPEAKERS. ATTACH EXISTING CABLE TO IP TO ANALOG INTERFACE.
7. INSTALL A DIRECT TELEPHONE INTERFACE THAT WILL BE VIA A SIP TRUNK. CONFIGURE TELEPHONE SYSTEM AND PAGING SYSTEM TO ALLOW FULL CALLING FROM TELEPHONE SYSTEM TO ALL SPEAKERS ZONES.
8. PAGING SYSTEM SHALL HAVE AN INTEGRATED BELL SYSTEM THAT ALLOWS CONFIGURATION OF THE BELLS VIA A PC. OWNER SHALL BE ABLE TO EASILY CHANGE ON A PER-ZONE BASIS. USE IP NETWORK FOR CONNECTION.
9. THE CONTRACTOR SHALL CONSULT WITH THE OWNER PRIOR TO INSTALLATION. WORK OUT WHICH SPEAKERS WILL BE CONNECTED TO EACH AUDIO ZONE. SUBMIT A CONNECTIVITY DIAGRAM PRIOR TO INSTALLATION. INSTALL ALL CABLES FROM CLOCKS TO CONNECT NEW AND EXISTING SPEAKERS. REFER TO FLOORPLANS FOR NEW AND REMAINING SPEAKERS.
10. THE PAGING SYSTEM SHALL BE CONSTANTLY UPDATED VIA A NATIONAL TIME CONNECTION TO KEEP THE BELLS THE SAME TIME AS THE CLOCKS.
11. SYSTEM SHALL ALLOW THE USE OF TELEPHONES FOR PAGES TO BE MADE TO ANY INDIVIDUAL ZONE. THIS SHALL INCLUDE TALKBACK THRU THE TELEPHONE SYSTEM.
12. WORK WITH OWNER PRIOR TO INSTALLATION TO DESIGNATE EACH SPEAKER AND ITS ZONE CONNECTION AND NUMBER.
13. PROVIDE FOR TWO-WAY INTEGRATION TO THE EXISTING ACCESS CONTROL SYSTEM.
14. CONTACT CLOSURE (CC) OUT OF PACS TO PAGING SYSTEM WHEN LOCKDOWN BUTTON IS PUSHED. PAGING SYSTEM THEN TURNS ON BLUE LIGHT ON PAGING SPEAKERS AND SENDS PRE-RECORDED MESSAGE FOR THREE TIMES. CUSTOM RECORD MESSAGE FOR OWNER.
15. EACH CLOCK SHALL SHOW SCROLLING LOCKDOWN MESSAGE AND BLUE FLASHING LIGHT UNTIL LOCKDOWN IS RESET.
16. CONNECT PAGING SYSTEM TO PACS TO INITIATE AN ACCESS CONTROL SYSTEM LOCKDOWN WHEN PAGING SYSTEM LOCKDOWN IS PUSHED. THIS LOCKDOWN MAY ORIGINATE IN AN ADMINSTRATOR CELLPHONE THAT HAS THE REVOLUTION SOFWARE APPLICATION.
17. CREATE CUSTOM TONES FOR LOCKDOWN, TORNADO AND EVACUATE.
18. CONFIGURE THE AUTOMATIC AUDIO MESSAGES SUCH AS LOCKDOWN AND TORNADO TO "DUCK" WHEN AN ANNOUNCEMENT IS MADE FROM A TELEPHONE, DESKTOP MICROPHONE OR ADMIN STATION.
19. TORNADO WARNINGS AND SEVERE WEATHER WARNINGS: TRIGGER THIS THRU THE SOFTWARE. TORNADO AND EXTREME WEATHER SAHLL BE CONFIGURED FOR YELLOW LIGHTS AND SPECIFIC TONE TO BE REPEATED FOR AN OWNER SPECIFIED LENGTH OF TIME.

5 TC103 AUDIO PAGING AND CLOCK SYSTEM NETWORK ATTACHED. SYSTEM DIAGRAM

INSTALLATION NOTES:

1. CONTRACTOR SHALL INSTALL CABLES AROUND THE BUILDING AND SHALL SUPPORT CABLES AS PER NOTES, DETAILS AND INDUSTRY STANDARDS.
2. DO NOT USE ANY TY-WRAPS OR TAPE TO SUPPORT CABLES.
3. DO NOT ATTACH CABLES TO BUILDING STEEL, CONDUITS OR PIPES.
4. DO NOT INSTALL CONDUITS THRU A WALL WITHOUT INSTALLING NYLON GROMMETS TO THE END OF THE CONDUIT PASS THRUS.
5. DO NOT ALLOW CABLES TO REST ON HVAC DUCTS.

| = TIE WRAPS OR VELCRO IS NOT TO BE USED FOR DIRECT SUPPORT OF CABLES TO PIPES, STEEL OR BUILDING STRUCTURE

3 TC103 CABLE INSTALLATION AND SUPPORT TYPES OF SUPPORT THAT ARE DISALLOWED

KEYED NOTES:

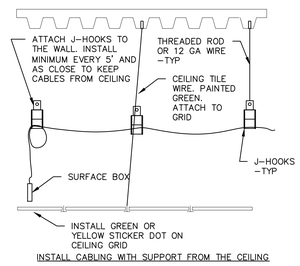
1. INSTALL FIBER OPTIC RINGS ON THE WALL OF THE COMM ROOM. PROVIDE A SPARE 30' COIL OF CABLE.
2. INSTALL FIBER CABLES THROUGH THE CONDUITS BETWEEN BUILDINGS. WHEN INSTALLING THE FIBER INSIDE THE BUILDING ENSURE IT IS ROUTED INSIDE CONDUIT. SEE ELECTRICAL PLANS FOR CONDUIT LOCATIONS
3. SEE RACK LAYOUTS FOR FIBER PANEL PARTS.

GENERAL NOTES:

1. INSTALL ALL EQUIPMENT SHOWN. THE CONTRACTOR SHALL WALK THE BUILDING AND SITE WITH THE OWNER PRIOR TO INSTALLATION TO IDENTIFY ACTUAL LOCATION OF ALL EQUIPMENT.
2. IDENTIFY LOCATION OF ALL FIBER PANELS IN THE RACKS WITH THE OWNER. PRIMARILY IDENTIFY AT THE TOP OF THE RACKS IN EACH COMM ROOM. LOCATE THE FIBER OPTIC STOWAGE RINGS ON THE WALL WITH THE DESIGNER.
3. ALL CABLES SHALL HAVE A WRAP-AROUND LABEL AT THE TERMINATION TO IDENTIFY THE CABLE AT EACH END. INSTALL AT COIL ON WALL AND WHERE THE FIBER ENTERS THE FIBER OPTIC PANEL
4. TEST ALL FIBER CABLES FOR LOSS. PROVIDE REPORTS.



7 TC103 BUILDING FIBER BACKBONE CONNECTIVITY



INSTALL CABLING WITH SUPPORT FROM THE CEILING

INSTALLATION NOTES:

1. CONTRACTOR SHALL INSTALL CABLE SUPPORTS TO ENSURE CABLES ARE NOT LAYING ON CONDUIT, WATERPIPE OR BUILDING STEEL.
2. CONTRACTOR SHALL INSTALL CABLE SUPPORTS SUCH AS J-HOOKS AND BRIDLE RINGS TO SUPPORT CABLE EVERY 5' MINIMUM
3. WHEN ROUTING CABLES ALONG A WALL, ABOVE A CEILING OR ABOVE 12' AFF, INSTALL J-HOOKS ON WALL EVERY 5' MINIMUM OR AS REQUIRED TO KEEP CABLES FROM RESTING ON CEILING.
4. THERE SHALL BE ABSOLUTELY NO USE OF TAPE OR TY-WRAPS ON THE CABLES. USE ONLY VELCRO STRAPS ON CABLE. DO NOT SUPPORT CABLE DIRECTLY TO CONDUITS, PIPES OR BUILDING STEEL.
5. DO NOT USE EXISTING DROP CEILING TILE WIRES TO SUPPORT CABLES. WHERE NO BUILDING STEEL OR WALL IS AVAILABLE INSTALL DROP CEILING WIRES AND ANCHOR TO BUILDING STEEL OR DIRECTLY INTO CONCRETE CEILING. ATTACH TO DROP CEILING GRID. PAINT WIRES GREEN PRIOR TO INSTALLATION.
6. INSTALL CABLE SUPPORTS DIRECTLY ABOVE THE CAMERA OR WAP LOCATION. COIL CABLE AND SUPPORT ON A J-HOOK OR BRIDLE RING. USE VELCRO TO SECURE LOOP TO THE CABLE SUPPORT.

6 TC103 DATA CABLE DROP CEILING CABLE SUPPPORT. TYPICAL

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE
HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE
Cable Routing Details & Fiber Backbone

ISSUE DATES

03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DATE:	ISSUED FOR:
DRAWN	BVH
CHECKED	BNH
APPROVED	BWE

PROJECT NO.
25026D

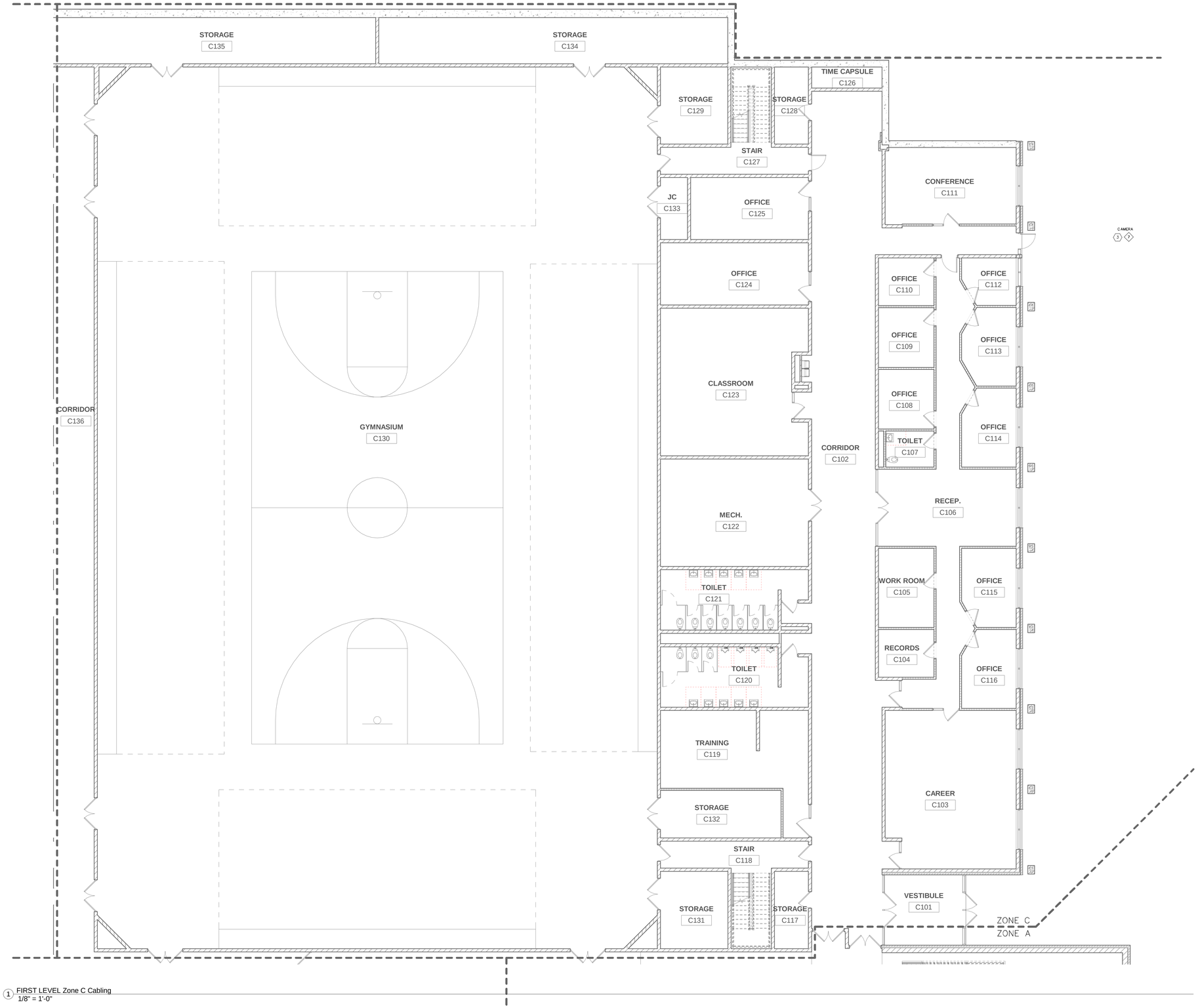
DRAWING NO.
TC103

GENERAL CABLING NOTES

1. COMMUNICATIONS CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING THAT ARE NOT SHOWN AS BEING INSTALLED AS PART OF THE "TR" SERIES DRAWINGS. SEE ATTACHED.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL CONDUITS AND PASS THRU'S ARE INSTALLED FOR CABLES.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.

KEYED CABLING NOTES

1. PATCH SYSTEMS FURNITURE FACEPLATES INTO FLOORBOX FOR CONNECTIVITY. COORDINATE WITH ELECTRICAL AND FURNITURE CONTRACTORS.
2. ROUTE CABLES TO EXTERIOR POLES WHERE CAMERAS ARE PLANNED TO BE MOUNTED. COORDINATE WITH ELECTRICAL AND SECURITY CONTRACTOR.
3. ROUTE CONDUIT AND CABLE TO EXTERIOR WALL AND INSTALL BACKBOX FOR CAMERA. COORDINATE WITH SECURITY CONTRACTOR.



1 FIRST LEVEL Zone C Cabling
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

FIRST FLOOR ZONE C CABLING PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	DKH
APPROVED	BWE

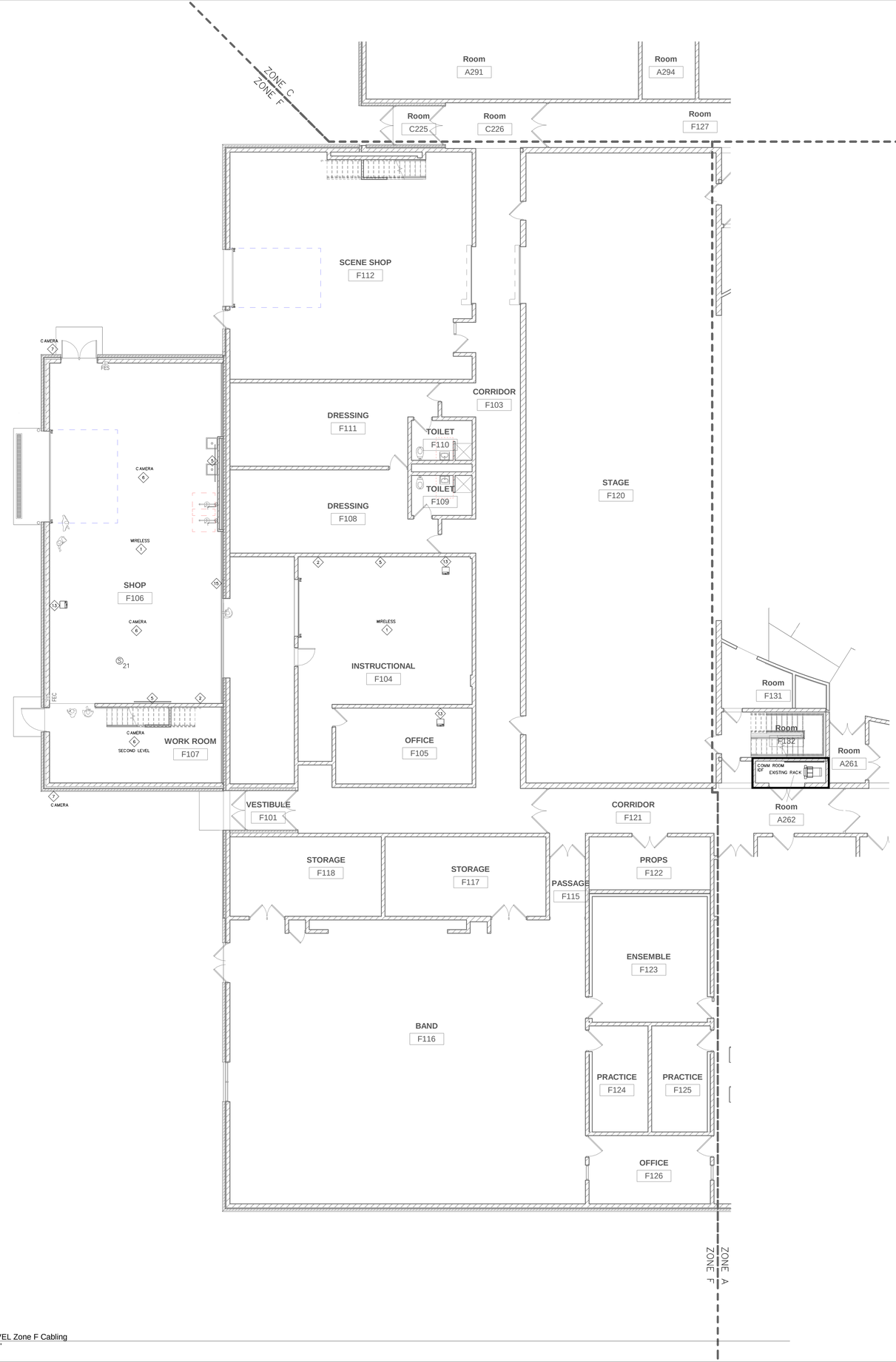
PROJECT NO.

25026G

DRAWING NO.

TC201C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026-Tech-V2025.rvt
3/5/2026 11:58:47 AM



1 FIRST LEVEL Zone F Cabling
1/8" = 1'-0"

GENERAL CABLING NOTES

1. COMMUNICATIONS CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING THAT ARE NOT SHOWN AS BEING INSTALLED AS PART OF THE "TR" SERIES DRAWINGS. SEE ATTACHED.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL CONDUITS AND PASS THRU'S ARE INSTALLED FOR CABLES.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.

KEYED CABLING NOTES

1. PATCH SYSTEMS FURNITURE FACEPLATES INTO FLOORBOX FOR CONNECTIVITY. COORDINATE WITH ELECTRICAL AND FURNITURE CONTRACTORS.
2. ROUTE CABLES TO EXTERIOR POLES WHERE CAMERAS ARE PLANNED TO BE MOUNTED. COORDINATE WITH ELECTRICAL AND SECURITY CONTRACTOR.
3. ROUTE CONDUIT AND CABLE TO EXTERIOR WALL AND INSTALL BACKBOX FOR CAMERA. COORDINATE WITH SECURITY CONTRACTOR.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

FIRST FLOOR ZONE F CABLING PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	DKH
APPROVED	BWE

PROJECT NO.
25026G

DRAWING NO.
TC201F

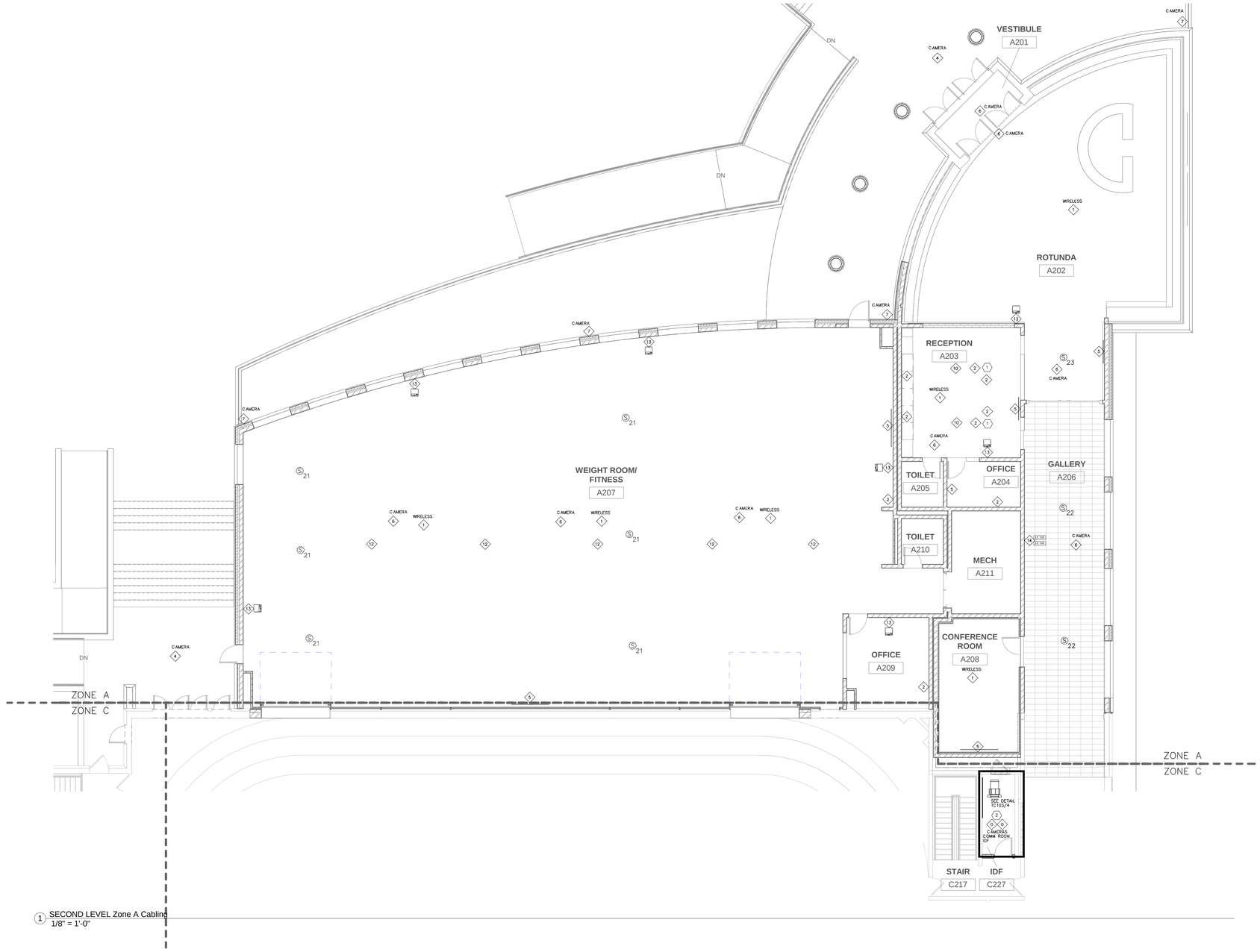
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026-Tech-V2025.rvt
3/5/2026 11:58:48 AM

GENERAL CABLING NOTES

1. COMMUNICATIONS CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING THAT ARE NOT SHOWN AS BEING INSTALLED AS PART OF THE "TR" SERIES DRAWINGS. SEE ATTACHED.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL CONDUITS AND PASS THRU'S ARE INSTALLED FOR CABLES.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.

KEYED CABLING NOTES

1. PATCH SYSTEMS FURNITURE FACEPLATES INTO FLOORBOX FOR CONNECTIVITY. COORDINATE WITH ELECTRICAL AND FURNITURE CONTRACTORS.
2. ROUTE CABLES TO EXTERIOR POLES WHERE CAMERAS ARE PLANNED TO BE MOUNTED. COORDINATE WITH ELECTRICAL AND SECURITY CONTRACTOR.
3. ROUTE CONDUIT AND CABLE TO EXTERIOR WALL AND INSTALL BACKBOX FOR CAMERA. COORDINATE WITH SECURITY CONTRACTOR.



1 SECOND LEVEL Zone A Cabling
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

259 E. MICHIGAN AVENUE - SUITE 308
KALAMAZOO - MICHIGAN - 49007
PH - 269.327.0077 FX - 269.327.9090
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

SECOND FLOOR ZONE A CABLING PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	DKH
APPROVED	BWE

PROJECT NO.

25026G

DRAWING NO.

TC202A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026-Tech-V2025.rvt
3/5/2026 11:56:49 AM

AUDIO VIDEO SYMBOL LEGEND

SYMBOL	DESCRIPTION
⟨1⟩	THIS SYMBOL WITH A NUMBER INSIDE REFERS TO KEYNOTES. REFER TO NOTES ON THE SHEET OR WITHIN THE DETAIL FOR ADDITIONAL INFORMATION
A	EQUIPMENT SCHEDULE. THIS SYMBOL WITH LETTERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
1	CABLE SCHEDULE. THIS SYMBOL WITH NUMBERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
⟨X⟩ XXXX	AUDIO/VIDEO COMMUNICATIONS OUTLET. REFER TO THE ASSOCIATED AV SYSTEM DETAIL FOR REQUIREMENTS. ZZ REFERS TO HEIGHT OF OUTLET. 18" UNLESS OTHER WISE NOTED.
SEE TC3XX/X	AV SYSTEM DETAIL. REFER TO THIS SHEET AND DETAIL NUMBER FOR THE REQUIREMENTS OF THE AUDIO/VIDEO SYSTEM IN THIS ROOM
S ZZ X	SPEAKERS. SEE SPEAKER SCHEDULE ON TC301."X" REFERS TO SPEAKER TYPE. "ZZ" REFERS TO SPEAKER ZONE IF THIS IS A PAGING SPEAKER.
LCD XX"	LCD DISPLAY. WHERE XX IS THE DIAGONAL MEASUREMENT. INCLUDE A MOUNT. SEE AV SYSTEM DETAIL AND SPECS FOR SPECIFICS

ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
2G	TWO-GANG BOX - PROVIDED BY EC	NIC	NOT IN CONTRACT
AC	ABOVE COUNTER - INSTALL BACKBOX SAME HEIGHT AS OTHER ELECTRICAL OUTLETS ABOVE THE COUNTER.	PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR	PCO-1	PATCH CORD ORGANIZER - 1 UNIT HIGH
AFG	ABOVE FINISHED GROUND	PCO-2	PATCH CORD ORGANIZER - 2 UNITS HIGH
AWG	AMERICAN WIRE GAUGE	PET	PROTECTED ENTRANCE TERMINAL
EMT	EMT TYPE CONDUIT	QTY	QUANTITY
EC	ELECTRICAL CONTRACTOR		

AUDIO EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
WA	CLASSROOM AUDIO SYSTEM INCLUDING SPEAKERS A	LIGHTSPEED	T25-FD
WB	WIRED MICROPHONE WITH 15' MIC CABLE	AUDIO	OM3
WC	PLASTIC MESH CABLE PROTECTOR AND WRAP. SAMSUNG #HT4044 CABLE FLEXWRAP	TECH FLEX	F6NXX
WD	DRAWER FOR STORING MISCELLANEOUS AUDIO & VIDEO MATERIAL. 4 RU W/LOCK	LOWELL	UDEL-414
WE	POWER STRIP	SURGEX	SX1120RT
WF	AUDIO MIXER AND DIGITAL SIGNAL PROCESSOR (DSP). INCLUDE ALL SOFTWARE REQUIRED FOR FULL SYSTEM USE AND REMOTE ACCESS THRU DATA NETWORK	QSC	CORE 8 FLEX
WG	AUDIO AMPLIIFER. WEIGHT ROOM AUDIO	QSC	MP-A80V
WH	WIRELESS MICROPHONE WITH (HANDHELD) (LAVALIER) (HEADWORN) MIC	AUDIX	R42 RECEIVER HANDHELD MIC #H60 BODYPACK #B60 HEADWORN MIC #HT2
WJ	WIRELESS MIC ANTENNA EXTENDER. CABLE AND MOUNTS TO EXTEND ANTENNAS	AUDIX	ANTDA4161
WK	NETWORK SWITCH. 26 PORTS	QSYS	NS26-480+

VIDEO EQUIPMENT SCHEDULE

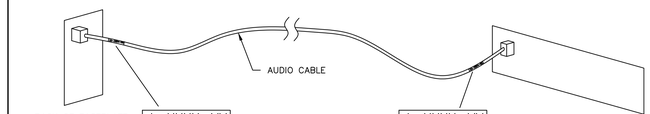
MARK	DESCRIPTION	MANUFACTURER	PART NO.
VA	DIGITAL SIGNAGE PLAYER WITH RS-232 CONTROL	BRIGHTSIGN	HD1026
VB	HDMI DISTRIBUTION AMPLIFIER 1-IN, 4-OUT	KEY DIGITAL	KD-DAx1X4
VC	POWER STRIP	SURGEX	SX1120RT
VD	PATCH PANEL-24 PORT, EQUIPPED WITH 8-PIN MODULAR JACKS TO MATCH THE CABLE COLOR AND CABLE TYPE BEING TERMINATED. PROVIDE ONE MODULAR JACK FOR EACH CABLE BEING TERMINATED. SEE SPEC AND DRAWINGS FOR COLORS. EQUIP WITH REAR CABLE ORGANIZER	HUBBELL	PANEL: HPJ24 ORGANIZER: HPRCMB
VE	4K60 4:4:4 NETWORK VIDEO ENDPOINT. SOFTWARE CONFIGURABLE AS ENCODER OR DECODER. 3 HDMI 2.0 INPUTS, 2 HDMI 2.0 OUTPUTS, ON-BOARD AV BRIDGING. SUPPORTS OPTIONAL STAND-ALONE "Q-SYS CORE MODE" OPERATION FOR AUDIO DSP WITH LOCAL VIDEO SWITCHING (NO ENCODING OR DECODING) AND AV BRIDGING.	Q-SYS	NV-21-HU
VF	10" POE TOUCH SCREEN CONTROLLER FOR DESKTOP OR WALL MOUNTING.	Q-SYS	TSC-101-G3
VG	IP TO RS-232, 4-CHANNEL DEVICE	QSYS	QIO-S4
VH	HDMI DISTRIBUTION AMPLIFIER 1-IN, 4-OUT	KEY DIGITAL	KD-DAx1X4
VJ	4K60 4:4:4 NETWORK VIDEO ENDPOINT. SOFTWARE CONFIGURABLE AS ENCODER OR DECODER. 3 HDMI 2.0 INPUTS, 2 HDMI 2.0 OUTPUTS, ON-BOARD AV BRIDGING. SUPPORTS OPTIONAL STAND-ALONE "Q-SYS CORE MODE" OPERATION FOR AUDIO DSP WITH LOCAL VIDEO SWITCHING (NO ENCODING OR DECODING) AND AV BRIDGING.	Q-SYS	NV-32-H (Core Capable)

FLAT PANEL DISPLAY EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
XA	65" FLAT PANEL. EQUIP WITH A MOUNT. VERIFY MOUNT PRIOR TO ORDERING.	SHARP	PN-ME652
XB	65" FLAT PANEL, TOUCH ENABLED. EQUIP WITH A MOUNT. VERIFY MOUNT PRIOR TO ORDERING.	NEWLINE	TT-6525QELT
XC	86" FLAT PANEL. EQUIP WITH A MOUNT. VERIFY MOUNT PRIOR TO ORDERING.	SHARP	PN-ME862
XD	86" FLAT PANEL, TOUCH ENABLED. EQUIP WITH A MOUNT. VERIFY MOUNT PRIOR TO ORDERING.	NEWLINE	TT-8625QELT
XE	TILT WALL MOUNT FOR FLAT PANEL 65" TO 75" DIAGONAL	CHIEF	LTM1U
XF	TILT WALL MOUNT FOR FLAT PANEL 86" TO 98" DIAGONAL	CHIEF	XTM1U
XG	PULL OUT MOUNT FOR FLAT PANEL 65" AND 75"	CHIEF	TS525TU
XH	PULL OUT MOUNT FOR FLAT PANEL 86"	CHIEF	PNR SERIES
XJ	AT EACH DISPLAY WHERE THERE ARE DEVICES TO BE INSTALLED BEHIND THE FLAT PANEL DISPLAY, INSTALL A COMPONENT STORAGE PANEL	CHIEF	CSMP9X12
XK	HDMI AND USB TRANSMIT PLATE AND RECEIVING UNIT	C2G	C2G31029
XL	LCD CONTROL PLATE. EQUIP WITH POWER SUPPLY	KRAMER	RC-206
XM	CEILING MOUNT FOR FLAT PANEL. EQUIP WITH CEILING ADAPTER, CUSTOM LENGTH PIPE AND CUSTOM UNISTRUT FOR DUAL LCD	CHIEF	LCB1U. CMA330

SPEAKER SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
S_1	CLASSROOM AUDIO SPEAKER. HARD CEILING/WALL MOUNTED.	LIGHTSPEED	WRQ
S_2	CLASSROOM AUDIO SPEAKER. DROP CEILING MOUNTED. CUSTOM CUT INTO CEILING	LIGHTSPEED	DRQ
S_3	WEIGHT ROOM PENDANT SPEAKER	QSC	AD-P6T
S_4	WEIGHT ROOM SUBWOOFER. CELING MOUNTED	QSC	AD-P SUB

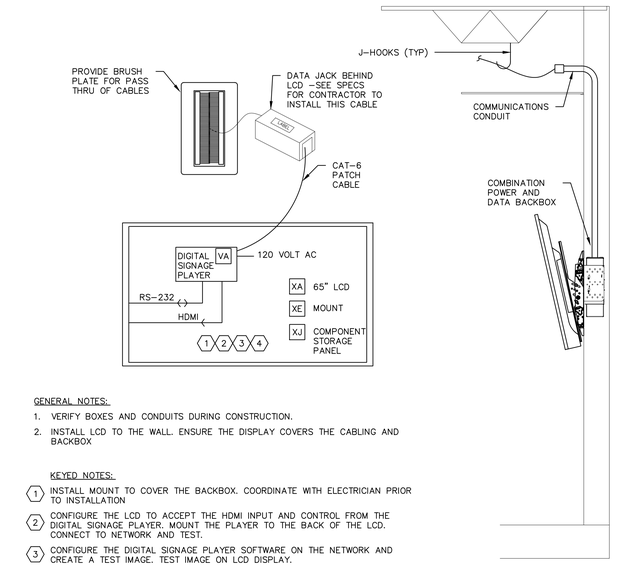


GENERAL NOTES:

1. INSTALL A WRAP-AROUND LABEL AT EACH END OF EACH CABLE.
2. WRAP-AROUND LABELS SHALL BE LASER-PRINTED AND SHALL BE SELF-LAMINATING.

A = AUDIO/VIDEO CABINET
XXXX = SPK FOR SPEAKER LINE
XXXX = LINE FOR LINE LEVEL
XXXX = MIC FOR MICROPHONE
XXXX = CTRL FOR CONTROL LINE
YY = AUDIO ZONE FOR SPEAKER
YY = FACEPLATE NUMBER FOR LINE AND MIC

1 / TC301 — TYPICAL CABLE LABELING FOR AUDIO CABLES



GENERAL NOTES:

1. VERIFY BOXES AND CONDUITS DURING CONSTRUCTION.
2. INSTALL LCD TO THE WALL. ENSURE THE DISPLAY COVERS THE CABLING AND BACKBOX

KEYED NOTES:

1. INSTALL MOUNT TO COVER THE BACKBOX. COORDINATE WITH ELECTRICIAN PRIOR TO INSTALLATION
2. CONFIGURE THE LCD TO ACCEPT THE HDMI INPUT AND CONTROL FROM THE DIGITAL SIGNAGE PLAYER. MOUNT THE PLAYER TO THE BACK OF THE LCD. CONNECT TO NETWORK AND TEST.
3. CONFIGURE THE DIGITAL SIGNAGE PLAYER SOFTWARE ON THE NETWORK AND CREATE A TEST IMAGE. TEST IMAGE ON LCD DISPLAY.
4. SET SCHEDULE ON LCD ON/OFF THRU DIGITAL SIGNAGE PLAYER.

2 / TC301 — WALL MOUNT DISPLAY LCD FOR DIGITAL SIGNAGE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE

Audio/Video Legends, Schedules & Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	BWH
APPROVED	BWE

PROJECT NO.

25026D

DRAWING NO.

TC301

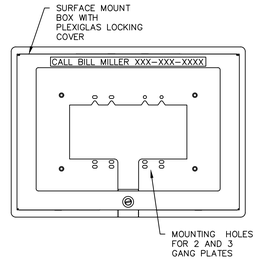
TP

PARTS

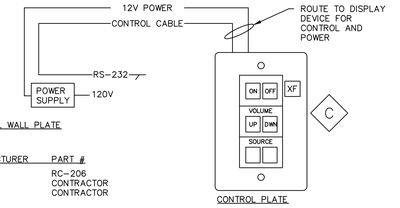
QTY	DESCRIPTION	MANUFACTURER	PART #
1	TOUCHPANEL	QSYS	TSC-101-G3
1	CAT-6-ORANGE	MOHAWK	M58288
1	COVERPLATE	FSR	WB-TCS-FM-10

GENERAL NOTES:

1. INSTALL CAT-6 CABLES TO THE PANEL IN THE AV ROOM/CABINET.
2. PROVIDE LOCK TO THE OWNER.
3. LABEL THE COVERPLATE WITH THE NAME AND PHONE NUMER OF THE PERSON TO CALL IN CASE OF AN ISSUE. SHALL BE ENGRAVED, PHENOLIC LABEL.



2 TC302 — DUAL MICROHPONE PLATE AUDIO INPUT PLATE AND CABLING



C — CONTROL WALL PLATE

PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #
1	CONTROL PLATE	KRAMER	RC-206
1	RS-232 CABLE-PLENUM		CONTRACTOR
1	POWER CABLE -PLENUM		CONTRACTOR

GENERAL NOTES:

1. INSTALL THE PLATE AND CONFIGURE AND CUSTOM LABEL FOR THE CONTROLS REQUIRED.
2. AT A STANDARD LCD IT SHOULD BE FOR ON/OFF, VOLUME UP AND DOWN AND INPUT CONTROL
3. LABEL FACEPLATE WITH INPUT NAME OR NUMBER FROM THE DISTRIBUTION AMPLIFIER
4. TEST VIDEO FROM ALL INPUTS.

1 TC302 — LCD CONTROL PLATE TYPICAL CONNECTIVITY

M1

PARTS

QTY	DESCRIPTION	MANUFACTURER	PART #
1	SINGLE-GANG GANG STAINLESS STEEL PLATE		CUSTOM
2	XLR INPUTS	NEUTRIK	CONTRACTOR
2	MIC CABLES-PLENUM	CONTRACTOR	

GENERAL NOTES:

1. INSTALL PLENUM RATED MIC CABLES TO THE PANEL IN THE AV ROOM/CABINET.
2. LABEL THE PLATE WITH PHENOLIC, ENGRAVED LABELS DETAILING THE INPUT TO MATCH THE INPUT ON THE CONTROL PANEL.



4 TC302 — DUAL MICROHPONE PLATE AUDIO INPUT PLATE AND CABLING

BT

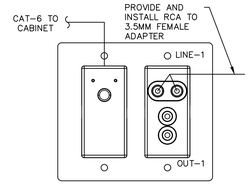
PARTS

CONNECTIVITY CODE

QTY	DESCRIPTION	MANUFACTURER	PART #
1	GFI TWO-HOLE	HUBBELL	SS262
1	CAT-6-ORANGE	MOHAWK	M58288
1	BLUETOOTH AND LINE LEVEL AUDIO TO DANTE PLATE	QSYS	UND610-BT

GENERAL NOTES:

1. INSTALL CAT-6 CABLES TO THE PANEL IN THE AV ROOM/CABINET.
2. SETUP THE BLUETOOTH PLATE TO ALLOW MULTIPLE USERS TO USE THE PLATE. REMEMBER USERS FOR EASY CONNECTIVITY.
3. LABEL THE PLATE WITH PHENOLIC, ENGRAVED LABELS DETAILING THE INPUT TO MATCH THE INPUT ON THE CONTROL PANEL.



3 TC302 — BLUETOOTH AND LINE LEVEL AND MIC AUDIO INPUT PLATE AND CABLING

A/V NOTES:

1. INSTALL ALL EQUIPMENT SHOWN. THE CONTRACTOR SHALL WALK THE BUILDING WITH THE OWNER PRIOR TO INSTALLATION TO IDENTIFY ACTUAL LOCATION OF ALL EQUIPMENT.
2. SPEAKERS SHALL BE INSTALLED IN THE CEILING AND CONNECTED TO THE AUDIO SYSTEM THAT IS MOUNTED TO THE BACK OF THE LCD.
3. ALL CABLES FROM THE WALL TO THE DESK SHALL BE INSTALLED INSIDE A NYLON MESH. TY/WRAP MESH AT EACH END TO SECURE BUNDLE.
4. INSTALL ALL PATCH CABLES SHOWN. CONNECT THE DEVICES AND FULLY TEST THE SYSTEM INCLUDING ALL AUDIO AND VIDEO INPUTS AND OUTPUTS.
5. WORK WITH THE OWNER TO DETERMINE THE ACTUAL LOCATION AND HEIGHT OF THE LCD PRIOR TO INSTALLATION.
6. INSTALL ALL CABLES INCLUDING POWER CABLE FROM THE WALL TO THE DESK. ALL CABLES SHALL BE NO SHORTER THAN 10'
7. PROVIDE AND INSTALL ANY AND ALL BALUNS, ADAPTERS OR CABLES REQUIRED FOR CONNECTIVITY.

KEYED NOTES:

1. INSTALL WHITE MESH AS YOU TRANSITION CABLES FROM THE WALL TO THE ACCESSORY PLATE AND LCD.
2. CUSTOMIZE THE FACEPLATE TO MATCH BACKBOX PROVIDED AND CABLES REQUIRED TO BE TERMINATED.
3. PROVIDE SPEAKERS IN EACH CLASSROOM. CHECK TO SEE IF THEY ARE DROP CEILING OR OPEN CEILING PRIOR TO ORDERING.
4. INSTALL BLACK MESH AS YOU TRANSITION CABLES FROM THE PLATE TO TEACHER DESK.
5. INSTALL CAT-6 CABLE FOR HDMI AND USB. CONNECT TO THE DEVICE AT THE LCD. CONNECT ALL USB DEVICES. TEST CONNECTIVITY
6. INSTALL EQUIPMENT TO THE LCD MOUNT, ON THE BACK OF THE LCD DISPLAY. HIDE ALL CABLES AS MUCH AS POSSIBLE.
7. MOUNT LCD AT THE HEIGHT AS DIRECTED BY THE OWNER. MEET WITH OWNER AND DETERMINE HEIGHT. LEAVE SPARE CABLE BEHIND LCD TO ACCOMMODATE DIFFERENT HEIGHTS
8. TERMINATE ALL SHIELDED CABLES WITH SHIELDED CONNECTORS. CONNECT PATCH PANEL TO GROUND BAR.

A2

LCD PLATE

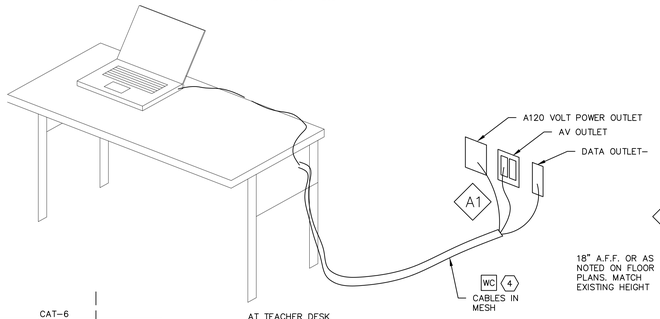
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB20W
1	CAT-6 JACK-ORANGE	HUBBELL	HXJ6OR
1	CAT-6 PATCH CABLE-ORANGE		CONTRACTOR

A1

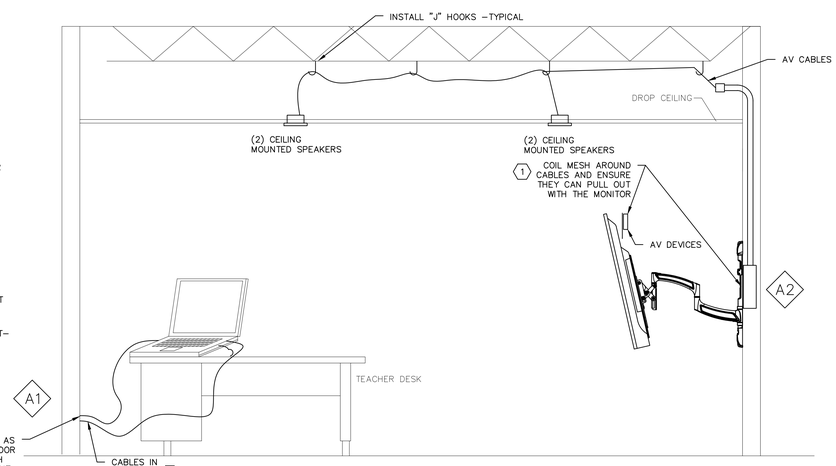
PARTS FOR TEACHER FACEPLATE

QTY	DESCRIPTION	MANUFACTURER	PART #
1	FACEPLATE-STAINLESS 2-GANG	HUBBELL	SS262
1	HDMI AND USB TRANSMIT PLATE	C2G	C2G31029
1	CAT-6 CABLE -ORANGE	MOHAWK	M58288
1	DECORA BLANK. OFFICE WHITE	HUBBELL	NS620LA

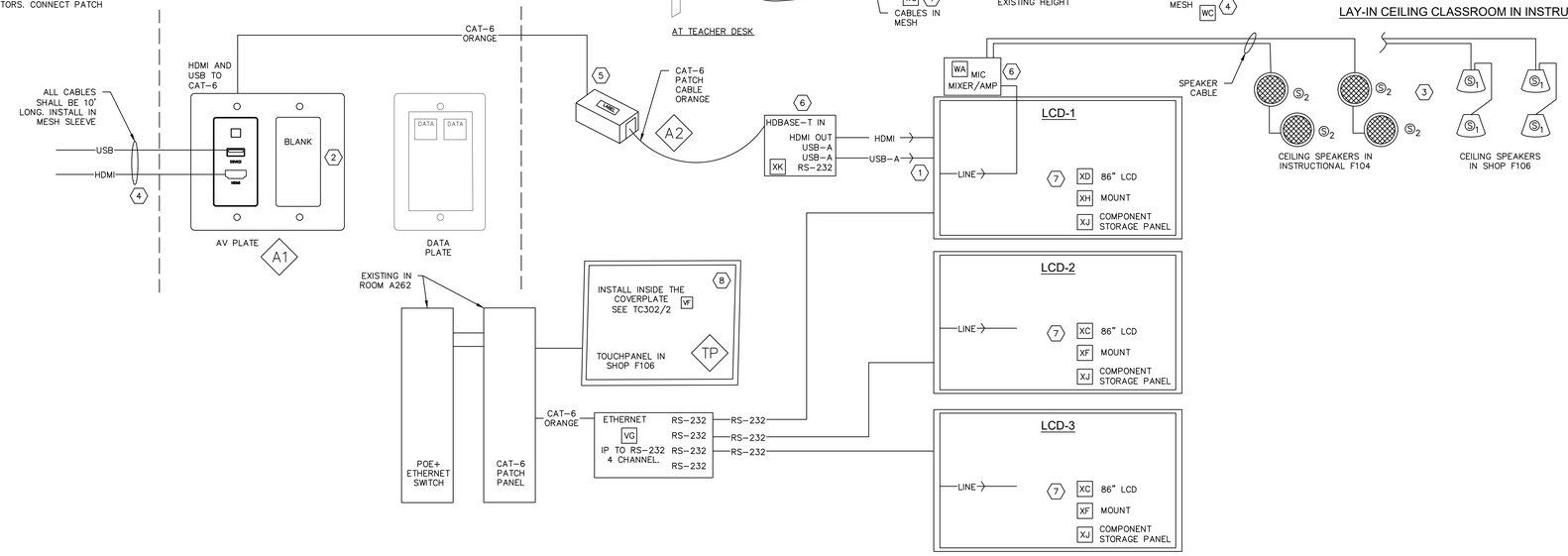
TERMINATE CAT-6 CABLE WITH AN RJ-45 AT C2G DEVICE. TERMINATE ONTO MODULAR CONNECTOR AT LCD.



AT TEACHER DESK



LAY-IN CEILING CLASSROOM IN INSTRUCTIONAL F104



5 TC302 — INTERACTIVE LCD CLASSROOM AV CONNECTIVITY

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE

Audio/Video Connectivity Details

ISSUE DATES

03-09-26	D.R. 1 – CONSTRUCTION DOCUMENTS

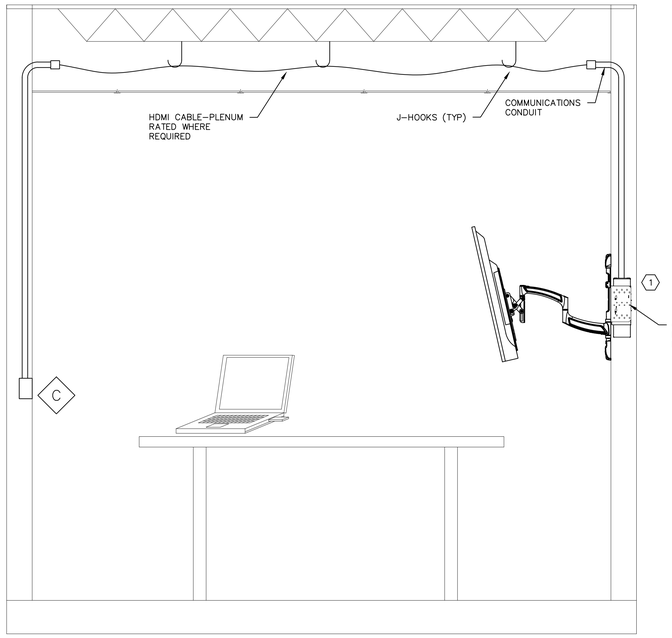
DATE:	ISSUED FOR:
DRAWN	BVH
CHECKED	BWH
APPROVED	BWE

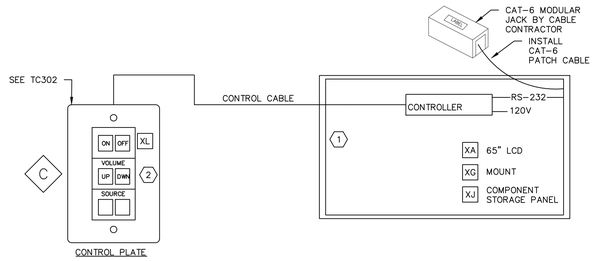
PROJECT NO.

25026D

DRAWING NO.

TC302





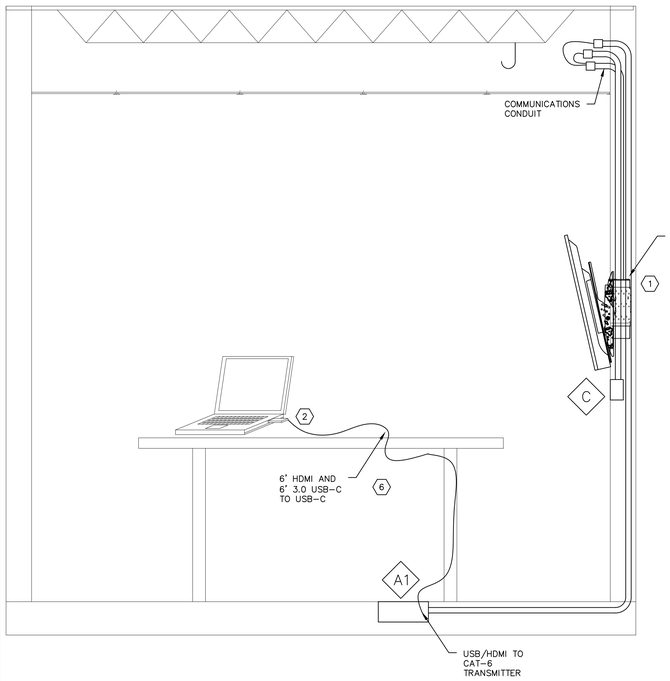
GENERAL NOTES:

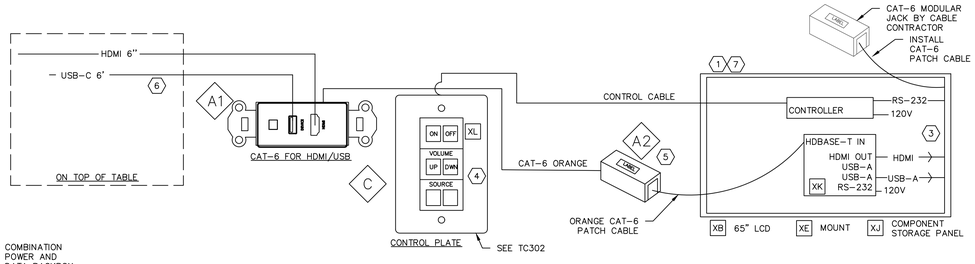
1. VERIFY BOXES AND CONDUITS DURING CONSTRUCTION.
2. INSTALL LCD TO THE WALL. ENSURE THE DISPLAY COVERS THE CABLING AND BACKBOX
3. INSTALL CABLING THAT WILL TRANSMIT THE SIGNAL. FOR LONGER LOCATIONS THE CABLING MAY HAVE TO BE AN "ACTIVE" HDMI CABLE.
4. CONNECT AND TEST THE CONNECTION FROM PLATE TO THE DISPLAY.

KEYED NOTES:

1. INSTALL MOUNT TO COVER THE BACKBOX. COORDINATE WITH ELECTRICIAN PRIOR TO INSTALLATION
2. INSTALL THE CONTROL PLATE AND ALL CABLING. CONFIGURE THE PLATE TO CONTROL LCD ON/OFF, VOLUME AND SWITCH BETWEEN INPUTS.

1 TC303 LCD DISPLAY -HDMI WITH USB HDMI AND USB CONNECTIVITY





GENERAL NOTES:

1. VERIFY BOXES AND CONDUITS DURING CONSTRUCTION.
2. INSTALL LCD TO THE WALL. ENSURE THE DISPLAY COVERS THE CABLING AND BACKBOX
3. INSTALL CABLING THAT WILL TRANSMIT THE SIGNAL. FOR LONGER LOCATIONS THE CABLING MAY HAVE TO BE AN "ACTIVE" HDMI CABLE.
4. CONNECT AND TEST THE CONNECTION FROM PLATE TO THE DISPLAY.

KEYED NOTES:

1. INSTALL MOUNT TO COVER THE BACKBOX. COORDINATE WITH ELECTRICIAN PRIOR TO INSTALLATION
2. INSTALL AN HDMI CABLE AND USB–C CABLE FROM THE FLOORBOX TO CONNECT THE LAPTOP ON THE DESK TO THE WALLPLATE
3. CONFIGURE THE LCD TO ACCEPT THE HDMI AND USB–C INPUT AND ANY OTHER INPUTS.
4. INSTALL THE CONTROL PLATE AND ALL CABLING. CONFIGURE THE PLATE TO CONTROL LCD ON/OFF, VOLUME AND SWITCH BETWEEN INPUTS.
5. INSTALL THE HDMI AND USBA–C CABLES TO CONNECT THE LAPTOP TO THE PLATE IN THE FLOORBOX. INSTALL A CAT–6 CABLE OUT OF THE FACEPLATE AND TO THE RECEIVING DEVICE AT BACK OF LCD.
6. INSTALL BLACK MESH AS YOU TRANSITION CABLES FROM THE FLOOR TO THE TOP OF TABLE.
7. MOUNT LCD AT THE HEIGHT AS DIRECTED BY THE OWNER. MEET WITH OWNER AND DETERMINE HEIGHT. LEAVE SPARE CABLE BEHIND LCD TO ACCOMMODATE DIFFERENT HEIGHTS

A1

PARTS FOR TEACHER FACEPLATE

QTY	DESCRIPTION	MANUFACTURER	PART #
1	FACEPLATE–STAINLESS 2–GANG	HUBBELL	SS262
1	HDMI AND USB TRANSMIT PLATE	C2G	C2G31029
1	CAT–6 CABLE –ORANGE	MOHAWK	M58288

TERMINATE CAT–6 CABLE WITH AN RJ–45 AT C2G DEVICE AND RECEIVING UNIT AT THE LCD. TEST CABLE.

A2

LCD PLATE

QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB20W
1	CAT–6 JACK–ORANGE	HUBBELL	HXJ6OR
1	CAT–6 PATCH CABLE–ORANGE		CONTRACTOR

2 TC303 LCD DISPLAY -CAT-6 CABLE FOR HDMI AND USB CONNECTIVITY

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE

Audio/Video Connectivity Details

ISSUE DATES

DATE:	ISSUED FOR:
03–09–26	D.R. 1 – CONSTRUCTION DOCUMENTS

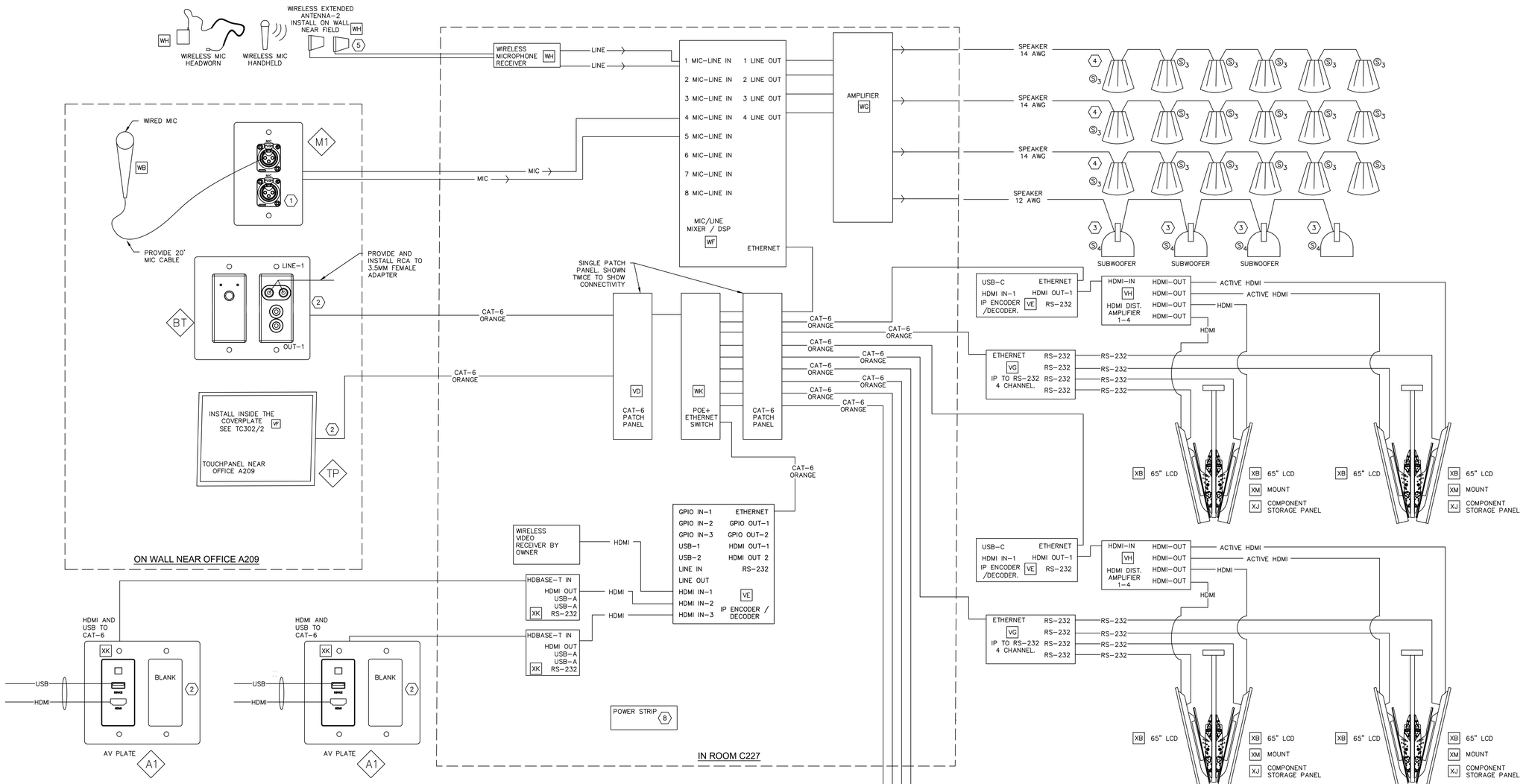
DRAWN	BVH
CHECKED	BWH
APPROVED	BWE

PROJECT NO.

25026D

DRAWING NO.

TC303

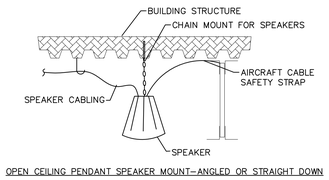


A1

PARTS FOR TEACHER FACEPLATE

QTY	DESCRIPTION	MANUFACTURER	PART #
1	FACEPLATE–STAINLESS 2–GANG	HUBBELL	SS262
1	HDMI AND USB TRANSMIT PLATE	C2G	C2G31029
1	CAT–6 CABLE –ORANGE	MOHAWK	M58288
1	DECORA BLANK. OFFICE WHITE	HUBBELL	NS620LA

TERMINATE CAT–6 CABLE WITH AN RJ–45 AT C2G DEVICE. TERMINATE ONTO MODULAR CONNECTOR AT LCD.



OPEN CEILING PENDANT SPEAKER MOUNT–ANGLED OR STRAIGHT DOWN

NOTES:

1. CONTRACTOR SHALL PROVIDE AMPLIFIERS REQUIRED TO DRIVE THE AUDIO SYSTEM. QUANTITY SHOWN FOR DEMONSTRATION. DO CALCULATIONS. PROVIDE CORRECT SIZE AUDIO CABLE TO DRIVE ALL SPEAKERS. DO CALCULATIONS FOR LOSS. PROVIDE ADEQUATELY SIZED AUDIO CABLES.
2. PROVIDE SPEAKER CABLE QUANTITY AND SIZE AS REQUIRED TO RUN ALL SPEAKERS IN THE SYSTEM.
3. USE MANUFACTURERS RECOMMENDED HARDWARE FOR MOUNTING ALL SPEAKERS FROM THE BLDG. STRUCTURE. WORK WITH MANUFACTURER REGARDING MOUNTING ANGLES. CUSTOM BUILD MOUNTS.
4. LABEL ALL CONNECTION CABLES AT EACH END WITH PRE–PRINTED LABELS.
5. LABEL ALL PLATES WITH THE INPUT NAME AND INPUT NUMBER ON THE AUDIO DSP MIXER.
6. CONTRACTOR SHALL HANG AND AIM ALL SPEAKERS TO MAXIMIZE COVERAGE AND PROVIDE THE BEST AUDIO POSSIBLE.
7. ALL CABLING SHALL BE PLENUM RATED. SIZE ALL CABLES TO TRANSMIT THE SIGNAL REQUIRED

KEYED NOTES:

1. INSTALL 1–GANG STAINLESS STEEL PLATE WITH MICROPHONE AND LINE–LEVEL INPUT. EXTEND CABLES TO THE MIXER.
2. TERMINATE ALL SHIELDED CABLES WITH SHIELDED CONNECTORS. CONNECT PATCH PANEL TO GROUND BAR.
3. ALL SPEAKERS SHALL BE SECURED TO THE STRUCTURE WITH A SAFETY STRAP EQUIPPED OF AN AIRCRAFT CABLE AND APPROPRIATE CLAMP.
4. INSTALL PENDANT SPEAKERS AT THE HEIGHT THAT KEEPS THEM FROM BEING HIT OR DAMAGED. VERIFY IN THE FIELD. PROVIDE HARDWARE TO MOUNT ABOVE THE BOTTOM OF THE STRUCUREAL STEEL. PROVIDE MOUNTS TO SUPPORT FROM CONCRETE ABOVE.
5. EXTEND THE ANTENNAS FOR THE WIRELESS MICROPHONE TO THE CEILING OF THE GYM. PROVIDE CABLES TO CONNECT.
6. NOT USED
7. INSTALL ALL AUDIO EQUIPMENT INTO THE DATA RACK IN THE COMM ROOM. THIS RACK IS BEING PROVIDED BY OTHERS. COORDINATE AV EQUIPMENT WITH DATA CABLING.
8. CONNECT ALL AV EQUIPMENT TO THE POWER STRIP–1. CONNECT AMPLIFIERS TO POWER STRIP–2. PROVIDE ADDITIONAL POWER STRIPS FOR AMPLIFIERS IF REQUIRED FOR FULL LOAD

1 TC304 WIEGHT ROOM AUDIO/VIDEO SYSTEM CONNECTIVITY

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE

Audio/Video Connectivity Details

ISSUE DATES

DATE:	ISSUED FOR:
03–09–26	D.R. 1 – CONSTRUCTION DOCUMENTS

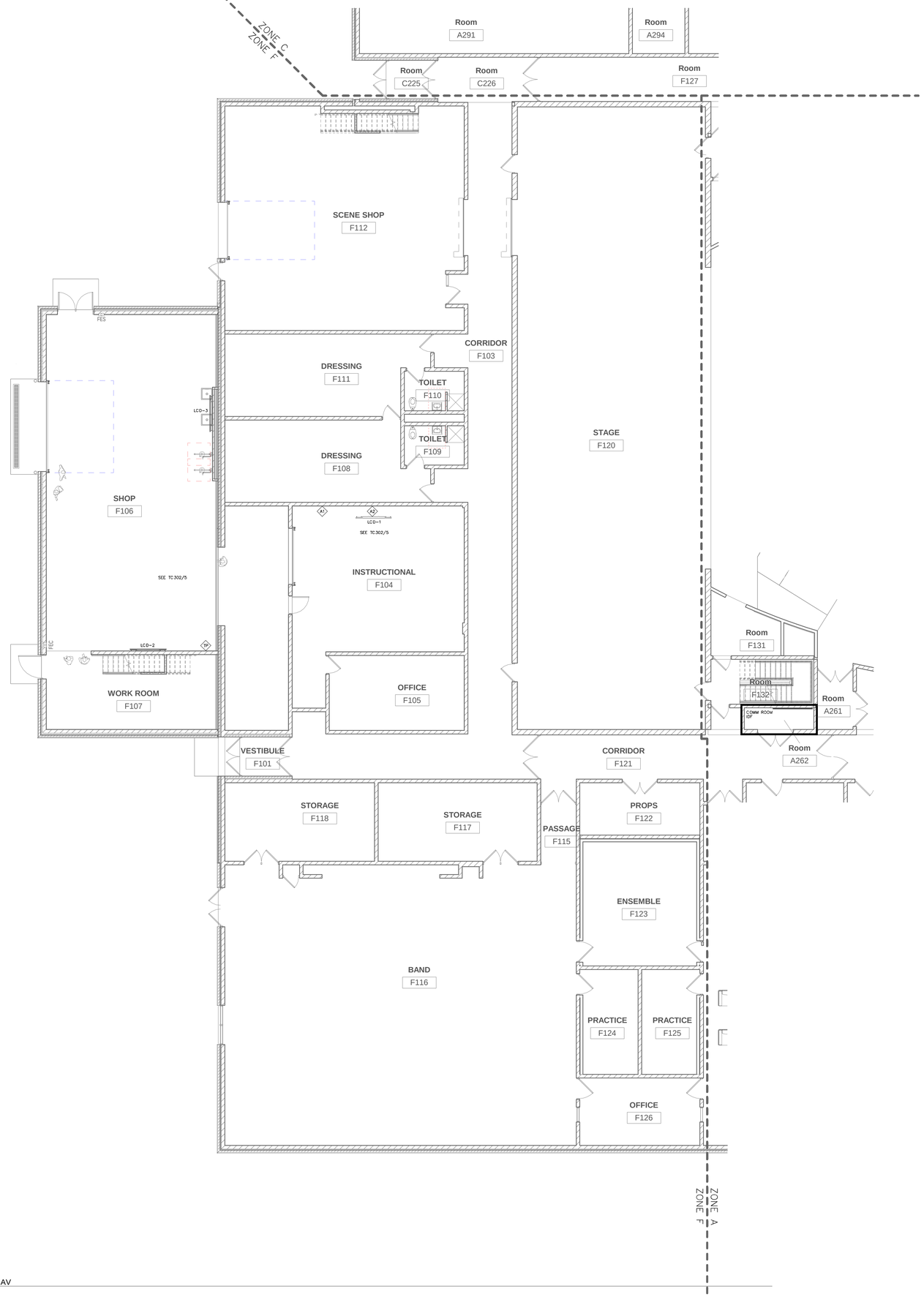
DRAWN	BVH
CHECKED	BWH
APPROVED	BWE

PROJECT NO.

25026D

DRAWING NO.

TC304



1 FIRST LEVEL Zone F AV
1/8" = 1'-0"

GENERAL AV NOTES

1. AV CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING. FIRESTOP ALL PASS-THRU'S TO MEET APPLICABLE CODES.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL RACEWAYS ARE AS NOTED.
3. NOTE TO THE ELECTRICIAN ANY RACEWAYS REQUIRED THAT ARE NOT ON THE DRAWINGS OR INSTALLED
4. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

FIRST FLOOR ZONE F A/V PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	DKH
APPROVED	BWE

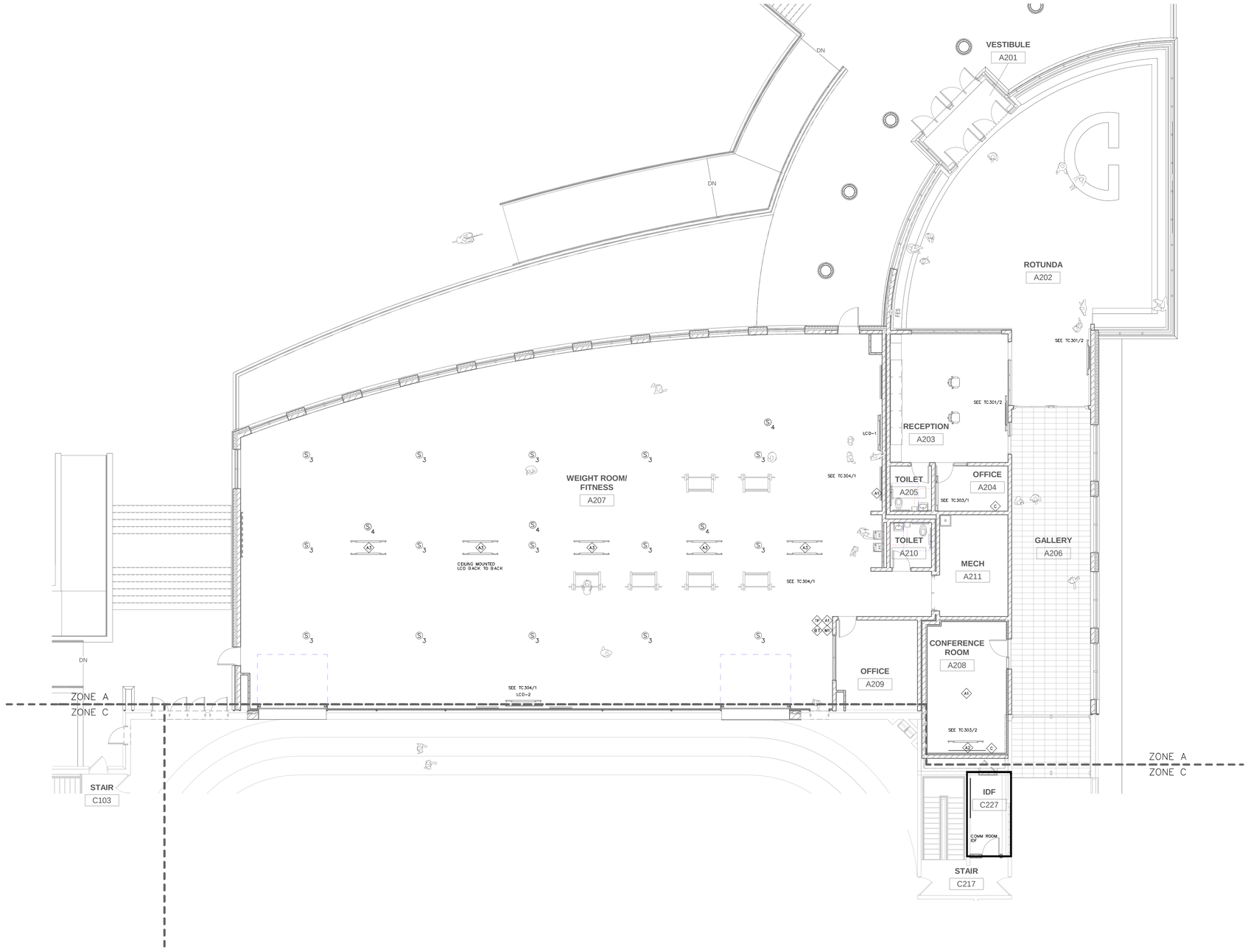
PROJECT NO.
25026G

DRAWING NO.
TC401F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026-Tech-V2025.rvt
3/5/2026 11:58:51 AM

GENERAL AV NOTES

1. AV CONTRACTOR SHALL INSTALL ANY PASS - THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING. FIRESTOP ALL PASS - THRU'S TO MEET APPLICABLE CODES.
2. CONTRACTOR SHALL COMPLETE A WALK - THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL RACEWAYS ARE AS NOTED.
3. NOTE TO THE ELECTRICIAN ANY RACEWAYS REQUIRED THAT ARE NOT ON THE DRAWINGS OR INSTALLED
4. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J - HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.



1 SECOND LEVEL Zone A AV
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

SECOND FLOOR ZONE A A/V PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	DKH
APPROVED	BWE

PROJECT NO.

25026G

DRAWING NO.

TC402A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,I)/25026-Tech-V2025.rvt
3/5/2026 11:58:54 AM

SECURITY SYMBOL LEGEND

SYMBOL	DESCRIPTION
(1)	THIS SYMBOL WITH A NUMBER INSIDE REFERS TO KEYNOTES. REFER TO NOTES ON THE SHEET OR WITHIN THE DETAIL FOR ADDITIONAL INFORMATION
A	EQUIPMENT SCHEDULE. THIS SYMBOL WITH LETTERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
1	CABLE SCHEDULE. THIS SYMBOL WITH NUMBERS INSIDE REFERS EQUIPMENT SCHEDULES, SEE DETAILS AND EQUIPMENT SCHEDULES ON TC101, TC301, TC501 AND TC701.
(XX)	ACCESS CONTROL SYMBOL. "XX" IS LETTERS. SEE DETAILS ON TC5XX SHEETS FOR EQUIPMENT, CABLING AND RACEWAY DETAILS.
(XXX)	DOOR NUMBER
SEC.PNL	SECURITY PANEL. PROVIDE PANEL AND CONNECT AS SHOWN ON FLOORPLANS AND IN THE SPECIFICATIONS.
C	SECURITY CAMERA. PROVIDE AND INSTALL A NEW SECURITY CAMERA. SEE DETAILS ON TC5XX SHEETS.
C	SECURITY CAMERA WITH 180 DEGREE VIEWING. PROVIDE AND INSTALL A NEW SECURITY CAMERA. SEE DETAILS ON TC5XX SHEETS.
C	SECURITY CAMERA WITH 360 DEGREE VIEWING, SINGLE-IMAGER. PROVIDE AND INSTALL A NEW SECURITY CAMERA. SEE DETAILS ON TC5XX SHEETS.
C C C C	SECURITY CAMERA WITH 270 OR 360 DEGREE VIEWING, MULTI-IMAGER. PROVIDE AND INSTALL A NEW SECURITY CAMERA. SEE DETAILS ON TC5XX SHEETS.

ABBREVIATIONS

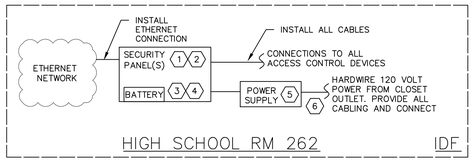
ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
2G	TWO-GANG BOX - PROVIDED BY EC	NIC	NOT IN CONTRACT
AC	ABOVE COUNTER - INSTALL BACKBOX SAME HEIGHT AS OTHER ELECTRICAL OUTLETS ABOVE THE COUNTER.	PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR	PCO-1	PATCH CORD ORGANIZER - 1 UNIT HIGH
AFG	ABOVE FINISHED GROUND	PCO-2	PATCH CORD ORGANIZER - 2 UNITS HIGH
AWG	AMERICAN WIRE GAUGE	PET	PROTECTED ENTRANCE TERMINAL
EMT	EMT TYPE CONDUIT	QTY	QUANTITY
EC	ELECTRICAL CONTRACTOR		

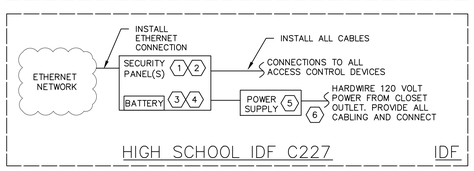
ACCESS CONTROL EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
CA	ACCESS CONTROL SYSTEM, SOFTWARE AND ASSOCIATED/REQUIRED SERVERS	SEE SPECS	SPECS
CB	ACCESS CONTROL ENCLOSURE. BACKPLATE AND LOCKABLE PANEL	ALTRONIX	TROVE 1/2/3
CC	POWER SUPPLY FOR ACCESS CONTROL EQUIPMENT. EQUIP WITH ETHERNET CONNECTIVITY MODULE	ALTRONIX	E-FLOW SERIES W/ LINQ2 ENET MOD.
CD	POWER DISTRIBUTION BOARD AND VOLTAGE REGULATOR. POWERS OTHER BOARDS IN THE ACCESS CTRL PANEL	ALTRONIX	PDS8 SERIES WITH VR6 REGULATOR
CE	ACCESS POWER CONTROLLER	ALTRONIX	ACMS8 OR EQUAL
CF	DOOR ACCESS CONTROL MODULE. IP ATTACHED. QTY AS REQUIRED	MERCURY	LP SERIES OR EQUAL
CG	DOOR ACCESS CONTROL MODULE. RS-485 ATTACHED. QTY AS REQUIRED	MERCURY	MR SERIES OR EQUAL
CH	BATTERY FOR ACCESS CONTROL PANEL	SEE SPECS	SEE SPECS
CJ	INTERCOM BASE STATION	AIPHONE	IX-MV7-HW-JP
CK	IP PROGRAMMABLE RELAY	AIPHONE	IXW-MAA
CL	INTERCOM -SURFACE MOUNT. EQUIP WITH CUSTOM BACKBOX AND PUSHBUTTON BELOW. CUSTOM WIRE TO SUPPORT ADA APPROVED CALL BUTTON HEIGHT	AIPHONE /ALARM CONTROLS	IX-DVF

VIDEO SECURITY EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
5A	VIDEO SECURITY NVR SERVER AND RECORDING SOFTWARE IS EXISTING.	SEE SPECS	SEE SPECS
5B	INTERIOR/EXTERIOR IP CAMERA. 4K RESOLUTION MOUNT AS SHOWN. SEE DETAILS AND SPECIFICATIONS. SEAL AROUND CONDUIT AND MOUNT.-OBJECT ANALYTIC, INTEGRATED WITH THE VMS FOR DETECTING AND SEARCHING BASED UPON SPECIFICS SUCH AS PERSON/VEHICLE/COLOR OF CLOTHES AND COLOR OF VEHICLE	DIGITAL WATCHDOG	DWC-XSDE08Mi
5C	360 DEGREE CAMERA-SINGLE IMAGER. INTERIOR/EXTERIOR. 9 MEGAPIXEL.-OBJECT ANALYTIC, INTEGRATED WITH THE VMS FOR DETECTING AND SEARCHING BASED UPON SPECIFICS SUCH AS PERSON/VEHICLE/COLOR OF CLOTHES AND COLOR OF VEHICLE	DIGITAL WATCHDOG	DWC-XFFA12AI
5D	360 DEGREE CAMERA -FOUR (4) SEPARATE IMAGERS, 20 MEGAPIXEL EACH. 270 COVERAGE WITH A DOWNARDS FACING CAMERA. INDOOR/OUTDOOR. -OBJECT ANALYTIC, INTEGRATED WITH THE VMS FOR DETECTING AND SEARCHING BASED UPON SPECIFICS SUCH AS PERSON/VEHICLE/COLOR OF CLOTHES AND COLOR OF VEHICLE	DIGITAL WATCHDOG	DWC-PVX20WATX
5E	180 DEGREE CAMERA -MULTIPLE IMAGERS INDOOR RATED. -OBJECT ANALYTIC, INTEGRATED WITH THE VMS FOR DETECTING AND SEARCHING BASED UPON SPECIFICS SUCH AS PERSON/VEHICLE/COLOR OF CLOTHES AND COLOR OF VEHICLE	DIGITAL WATCHDOG	DWC-XSWA08Bi
5F	DUAL IMAGER CAMERA. 10MP MEGApix AI IP DOME CAMERA WITH DUAL 5MP SENSORS FOR 180° HALLWAY	DIGITAL WATCHDOG	DWC-PDS10Wi28A





KEYED NOTES:

(1) ACCESS CONTROL PANELS SHALL BE LOCATED WHERE SHOWN ON THE DRAWINGS. CONNECT ALL DEVICES TO THESE PANELS. ALSO PROVIDE CABLING TO CONNECT THE PANELS TO THE ETHERNET SWITCHES IN THE RACKS.

(2) WHERE MORE THAN ONE PANEL IS AT THE SAME LOCATION, THE CONTRACTOR CAN CONNECT ONE PANEL TO THE ETHERNET NETWORK AND CONNECT THE OTHER PANELS TO THE ETHERNET CONNECTED PANEL.

(3) THERE WILL BE PANELS IN ONE OR MORE COMMUNICATIONS ROOMS. SEE THE FLOORPLANS FOR SUGGESTED PANEL LOCATIONS. INSTALL PANELS AS NOTED AND AS REQUIRED FOR COMPLETE CONNECTIVITY. CONNECT TO THE DATA NETWORK AND OTHER ACCESS CONTROL PANELS.

(4) INSTALL BATTERY BACKUP TO EACH PANEL TO SUPPORT DURING A SHORT POWER OUTAGE. SEE SPECIFICATIONS FOR BATTERY BACKUP REQUIREMENTS.

(5) THE CONTRACTOR SHALL PROVIDE A POWER SUPPLY IN THE COMMUNICATIONS ROOM TO POWER ALL THE DOOR HARDWARE.

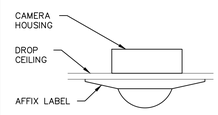
(6) CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTING THE PANELS TO 120 VOLT POWER. CONNECT WITH A HARDWIRED CONNECTION. PROVIDE CABLING AND CONDUIT/BOXES FOR CONNECTIVITY.

CONNECTIVITY NOTES:

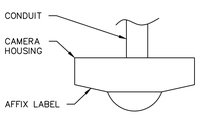
1. PROVIDE THE QUANTITY OF EACH ITEM AS SHOWN ON THE DRAWINGS.
2. THE COMMUNICATIONS CONTRACTOR SHALL WORK WITH THE OWNER TO CONFIGURE THE SYSTEM TO MEET THE OWNERS REQUIREMENTS.
3. CABLES FOR CONNECTION FROM THE ACCESS CONTROL PANELS SHALL BE PLENUM RATED.
4. CONTRACTOR SHALL PROVIDE ALL CABLING FOR CONNECTION OF NEW SECURITY DEVICES. THE CABLES SHALL BE THE SAME COLOR. COORDINATE CABLE COLOR WITH OTHER CONTRACTORS SO THAT THE SECURITY CABLES ARE A UNIQUE COLOR.
5. ALL CABLES SHALL BE LABELED AT EACH END. LABEL THEM WITH THE DOOR NUMBER AND THEN FOR THE DEVICE TO WHICH THEY CONNECT. IN EXAMPLE: P124-DC.
6. THE CONTRACTOR SHALL INCLUDE SUFFICIENT TIME INTO THE PROJECT TO CUSTOM CONFIGURE THE ACCESS CONTROL SYSTEM TO INTERFACE AND CONTROL EACH SYSTEM SHOWN ON THE DIAGRAM AND DESCRIBED IN THE SPECIFICATIONS.
7. PROVIDE THE QUANTITY OF BADGES/FOBS/MOBILE CREDENTIALS AS NOTED. PRINT ALL PROXIMITY CARDS AS PER THE OWNERS DIRECTION.

3 ACCESS CONTROL DIAGRAM
TC502

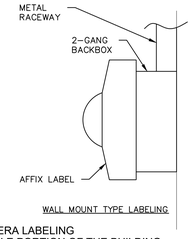
NOTES:
1. INSTALL A SELF-ADHESIVE, LASER PRINTER LABEL TO THE CAMERA THAT IS VISIBLE FROM BELOW THE DROP CEILING.
2. LABEL SHALL BE OF STRONG ADHESIVE TO ATTACH TO CAMERA HOUSING. LABEL SHALL MATCH THE CAMERA NUMBER IN THE SOFTWARE.
3. DEMONSTRATE TO THE DESIGNER THE LABEL AND WHERE THE LABEL WILL BE AFFIXED TO EACH CAMERA PRIOR TO INSTALLATION. AFFIX A LABEL TO EACH CAMERA



DROP CEILING LABELING



PENDANT TYPE LABELING

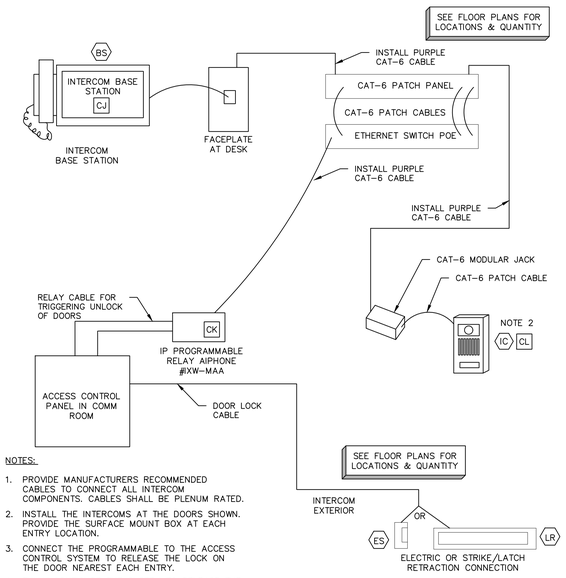


WALL MOUNT TYPE LABELING

XXX-DDD
ADHESIVE CAMERA LABEL

XXX = BUILDING NAME
DDD = CAMERA NUMBER

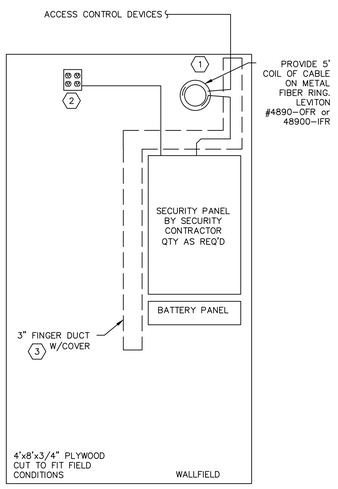
1 CAMERA LABELING VISIBLE PORTION OF THE BUILDING
TC501



NOTES:

1. PROVIDE MANUFACTURERS RECOMMENDED CABLES TO CONNECT ALL INTERCOM COMPONENTS. CABLES SHALL BE PLENUM RATED.
2. INSTALL THE INTERCOMS AT THE DOORS SHOWN. PROVIDE THE SURFACE MOUNT BOX AT EACH ENTRY LOCATION.
3. CONNECT THE PROGRAMMABLE TO THE ACCESS CONTROL SYSTEM TO RELEASE THE LOCK ON THE DOOR NEAREST EACH ENTRY.
4. FULLY CONFIGURE THE SYSTEM TO RELEASE THE LOCK AT THE DOOR WHERE THE EXTERIOR INTERCOM IS LOCATED.
5. INSTALL CAT-6 CABLE FROM DEVICE TO THE PATCH PANEL IN EACH COMM ROOM. CABLE SHALL BE PURPLE. PROVIDE A PURPLE CAT-6 MODULAR JACK AND "BISCUIT" TYPE JACK AT EACH LOCATION.

5 ENTRY DOOR INTERCOM CONNECTIVITY DIAGRAM
TC501
NO SCALE



SECURITY PANEL WALLFIELD NOTES:

1. PLYWOOD SHALL BE INSTALLED ON THE WALL BEHIND THE PANELS AND RACEWAYS.
2. PLYWOOD SHALL BE FIREPROOF. A/C GRADE. C SIDE TO THE WALL.
3. INSTALL "FINGER-DUCT" TYPE RACEWAY OR D-RINGS TO ROUTE THE CABLES FROM THE CEILING TO THE PANELS.
4. MOUNT THE PANELS SO THAT THE TOP OF THE PANELS IS ABOUT 6' AFF.
5. CONNECT SECURITY PANELS TO A GROUND BAR. PROVIDE GROUND BAR ON THE WALLFIELD.

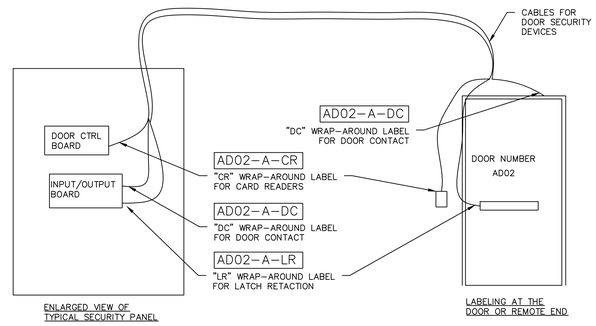
KEYED NOTES:

(1) PROVIDE 5' OF CABLE PRIOR TO TERMINATION IN THE SECURITY PANEL. PROVIDE ON A FIBER OPTIC METAL RING. INSTALL ABOVE THE PANELS. PROVIDE ONE FOR EACH PANEL. GROUP PANEL CABLES ONTO PANEL SPECIFIC RING.

(2) EXTEND 120V POWER TO THE POWER SUPPLIES IN THE PANELS. HARDWIRE ALL CONNECTIONS. PROVIDE CONDUIT AND WIRING FROM CLOSEST CIRCUIT.

(3) PROVIDE SUPPORT FOR THE CABLES WITH "FINGER-DUCT" OR OTHER RACEWAY.

4 TYPICAL SECURITY WALLFIELD
TC501
NO SCALE



ENLARGED VIEW OF TYPICAL SECURITY PANEL

LABELING AT THE DOOR OR REMOTE END

AD02 = DOOR NUMBER AS SHOWN ON DRAWINGS
A = COMM ROOM WHERE PANEL RESIDES
LR = TWO LETTER DESIGNATION FOR DEVICE THAT THE CABLE CONNECTS TO.

NOTES:
1. INSTALL A WRAP-AROUND LABEL AT EACH END OF EACH CABLE.
2. WRAP-AROUND LABELS SHALL BE LASER-PRINTED AND BE SELF-LAMINATING.
3. AT THE PANEL THE CABLE SHALL BE LABELED AS IT CONNECTS TO THE PANEL. LABEL INDIVIDUAL SHEATHED CABLES IN A MULTI-SERVICE CABLE.
4. AT THE DOOR INSTALL THE LABEL AT THE DEVICE WHERE IT IS CONNECTED.

2 TYPICAL ACCESS CONTROL CABLE LABELING
TC501

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE
HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE
Security Legends, Schedules & Details

ISSUE DATES

03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DATE:	ISSUED FOR:
DRAWN	BVH
CHECKED	BWH
APPROVED	BWE

PROJECT NO.
25026D

DRAWING NO.
TC501

ACCESS CONTROL LOCK DETAILS

LR	LATCH RETRACTION DEVICE – THIS DEVICE IS AN ELECTRONIC PUSHBAR ON THE SECURE SIDE OF THE DOOR. WIRE FROM THIS DEVICE, THROUGH THE DOOR HINGETO THE POWER SUPPLY IN THE COMMUNICATIONS ROOM. PROVIDE POWER SUPPLY
ES	ELECTRIC STRIKE – STRIKE IS PROVIDED AND INSTALLED BY DOOR CONTRACTOR. WIRE FROM THIS DEVICE TO SECURITY PANEL. PROVIDE POWER SUPPLY IN COMM ROOM.

ACCESS CONT. DESK EQUIP DETAILS

LU	LOCKDOWN BUTTON UNDER DESK–INSTALL THE TOGGLE SWITCH TO A DESK, UNDERSIDE. WIRE TO THE SECURITY SYSTEM. SWITCH SHALL TRIGGER THE SYSTEM TO LOCK ALL DOORS. WHEN PULLED BACK OUT THE BUTTON SHALL SET ALL DOORS TO REGULAR SCHEDULE. PROVIDE A PLASTIC COVER FOR THE BUTTON.
PB	PUSH BUTTON – THIS SHALL TRIGGER A SINGLE EVENT OR SERIES OF EVENTS IN THE SECURITY SYSTEM WHEN DEPRESSED. BELOW DESK, WIRE TO SECURITY PANEL.
TS	TOGGLE SWITCH – INSTALL THE TOGGLE SWITCH TO A DESK, UNDERSIDE. WIRE TO THE ACCESS CONTROL SYSTEM. SWITCH SHALL START ONE SEQUENCE WHEN SWITCHED EITHER WAY. IN EXAMPLE. ENGAGE AND DISENGAGE A MAGNETIC LOCK.

INTERCOM / ASST. OPENER DETAILS

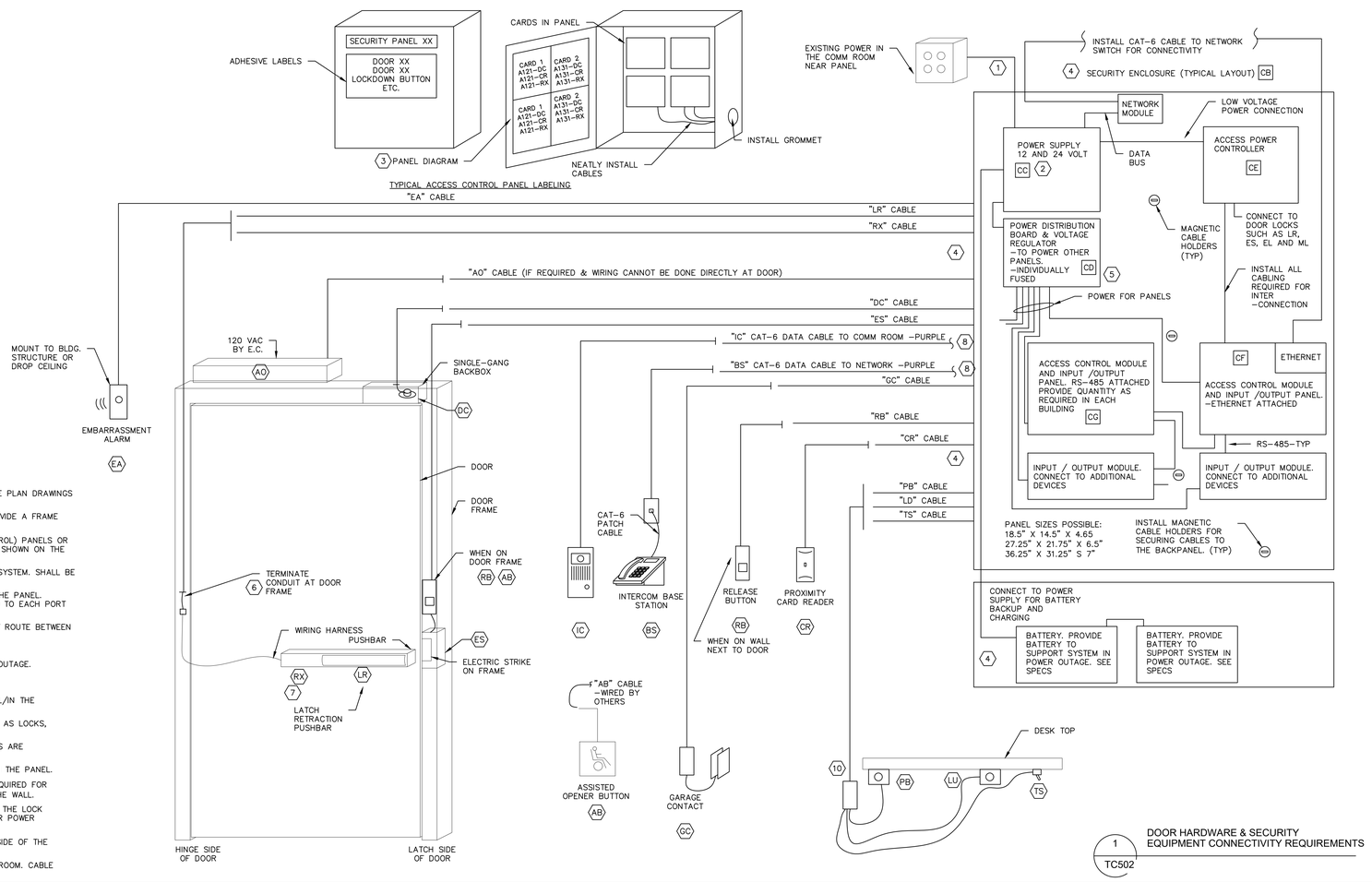
IC	INTERCOM – INSTALL TO THE BOX OR SURFACE MOUNT TO THE WALL. WIRE TO THE COMM ROOM VIA CAT–6 CABLE.
BS	INTERCOM BASE SYSTEM – THIS DEVICE SHALL BE INSTALLED AT THE RECEPTION DESK. WIRE TO COMM ROOM VIA CAT–6 CABLE.
AO	ASSISTED OPENER – THIS MECHANICALLY OPENS A DOOR. IT IS INSTALLED BY THE DOOR HARDWARE CONTRACTOR. COORDINATE LOCKS AND ALARMS WITH THIS OPENER AND ASSOCIATED OPENER BUTTONS. SEE SPECS. CONFIGURE TO RELEASE LOCK AND WIRE TO RELEASE LOCK PRIOR TO ENGAGING ON EXTERIOR CONTROLLED DOORS
AB	ASSISTED OPENER BUTTON– THIS BUTTON IS BY THE DOOR CONTRACTOR. IT IS NOTED FOR LOCATION. ON INTERIOR BUTTONS. WIRE TO THIS BUTTON TO MOMENTARILY UNLOCK EXTERIOR DOOR PRIOR TO ENGAGING OPENER.

ACCESS CONTROL AT DOOR DETAILS

RX	REQUEST TO EXIT IN LOCK – THIS IS A SWITCH THAT IS PROVIDED WITH THE DOOR LOCKING DEVICE. WIRE TO SECURITY PANEL TO SHUNT DOOR CONTACT WHEN EXITING BLDG.
DC	DOOR CONTACT – MOUNT ABOVE THE DOOR. WIRE TO SECURITY SYSTEM/INTRUSION DETECTION SYSTEM TO TRIGGER AN ALARM
GC	GARAGE CONTACT – INSTALL AN OVERHEAD DOOR CONTACT. WIRE TO SECURITY SYSTEM/INTRUSION DETECTION SYSTEM TO TRIGGER AN ALARM
RB	RELEASE BUTTON: THIS BUTTON SHALL BE AT A DOOR AND SHALL BE USED TO MOMENTARILY RELEASE THE DOOR LOCK. THIS BUTTON MAY BE SHUNTED DURING A LOCKDOWN. VERIFY WITH THE OWNER.
EA	PIEZO EXIT / EMBARASSMENT ALARM – LOCATE TO BUILDING STRUCTURE OR INTO DROP CEILING. WIRE TO SECURITY SYSTEM/INTRUSION DETECTION SYSTEM TO TRIGGER AN AUDIBLE ALARM WHEN A DOOR IS OPEN. CONFIGURE ON A TIME SCHEDULE.

ACCESS CONTROL READER DETAILS

CR	CARD READER – INSTALL TO THE BACKBOX OR IN THE DOOR FRAME. COORDINATE IN FIELD PRIOR TO ORDERING. WIRE TO SECURITY SYSTEM



1 TC502 DOOR HARDWARE & SECURITY EQUIPMENT CONNECTIVITY REQUIREMENTS

GENERAL NOTES:

1. SEE OTHER DETAILS FOR RACEWAY REQUIREMENTS FOR ALL CABLING AND DEVICES. REFER TO THE PLAN DRAWINGS FOR THE SPECIFIC FIELD DEVICE AND WHERE IT IS TO BE INSTALLED.
2. AT SOME LOCATIONS THE CARD READER WILL HAVE TO BE INSTALLED INTO THE DOOR FRAME. PROVIDE A FRAME TYPE READER AT THESE LOCATIONS. VERIFY PRIOR TO ORDERING EQUIPMENT.
3. ALL SECURITY DEVICES SHALL BE WIRED DIRECTLY BACK TO THE SECURITY SYSTEM (ACCESS CONTROL) PANELS OR INTRUSION DETECTION PANEL. LOCATE PANELS ON THE WALLS OF COMMUNICATIONS ROOMS OR AS SHOWN ON THE FLOOR PLANS. SEE OTHER DETAILS FOR MOUNTING AND RACEWAY REQUIREMENTS FOR CABLING.
4. PROVIDE ALL SECURITY CABLES AND ALL SECURITY PANELS REQUIRED FOR CONNECTIVITY OF THE SYSTEM. SHALL BE PLENUM RATED IN PLENUM AREAS.
5. LABEL THE OUTSIDE OF THE PANEL FOR THE DOORS AND DEVICES THAT ARE CONNECTED INSIDE THE PANEL. PROVIDE A PANEL DIAGRAM INSIDE THE PANEL THAT SHOWS THE CARDS AND WHAT IS CONNECTED TO EACH PORT ON THE CARDS.
6. PROVIDE MAGNETIC CABLE SUPPORTS THROUGHOUT THE PANEL FOR SUPPORT OF CABLES AS THEY ROUTE BETWEEN CARDS IN THE PANEL.
7. INCLUDE NYLON OR PLASTIC GROMMETS IN THE PANELS WHERE CABLES ROUTE INTO THE PANELS.
8. CONNECT BATTERIES TO THE PANEL TO SUPPORT THE PANEL AND DEVICES FOR A SHORT POWER OUTAGE.

KEYED ACCESS CONTROL NOTES:

1. CONTRACTOR SHALL EXTEND POWER FROM EXISTING OUTLET TO THE POWER SUPPLIES ON THE WALL/IN THE PANEL. PROVIDE ALL RACEWAY AND WIRING FOR EXTENSION OF POWER. MAKE ALL CONNECTIONS
2. PROVIDE A POWER SUPPLY TO SUPPORT THE SECURITY PANELS AND ALL END USER DEVICES SUCH AS LOCKS, STROBES, REQUEST TO EXIT DEVICES, ALARMS ETC.
3. AFFIX A CUSTOM SHEET OF PAPER INSIDE THE PANEL DOOR THAT SHOWS WHAT DOORS OR DEVICES ARE CONNECTED TO EACH PANEL. LAMINATE OR INSTALL IN A PLASTIC SLEEVE.
4. CUT HOLE IN PANEL TO SUPPORT CABLE INSTALLATION. INSTALL A NYLON OR PLASTIC GROMMET IN THE PANEL.
5. CONNECT ALL CABLES AND DEVICES TO THE CONTROLLERS/BOARDS WITHIN THE PANEL THAT IS REQUIRED FOR CONNECTIVITY AND SYSTEM OPERATION. PROVIDE A COIL OF 5' OF CABLE ABOVE THE PANEL ON THE WALL.
6. FOR AN EL OR LR DEVICE THE DOOR HARDWARE SUPPLIER WILL PROVIDE A WIRING HARNESS FROM THE LOCK THROUGH THE HINGE AND INTO THE DOOR FRAME. SECURITY CONTRACTOR TO WIRE FROM PANEL OR POWER SUPPLY TO THE WIRING HARNESS.
7. CONNECT TO THE REQUEST TO EXIT (RX) TO SHUNT ALARM. SHALL BE MOUNTED TO THE SECURE SIDE OF THE DOOR.
8. INSTALL A CAT–6 CABLE FROM THIS LOCATION TO THE PATCH PANEL IN THE RACK IN THE COMM ROOM. CABLE AND JACKS SHALL BE PURPLE. TERMINATE WITH A CAT–6 MODULAR JACK AT EACH END.

OPERATION SEQUENCE WHEN THE DOORS ARE LOCKED ENTERING FROM OUTSIDE –VALID ID CARD

1. IF THE PERSON PRESENTS A VALID CARD THEN THE LATCH SHALL RETRACT INSIDE THE EXTERIOR DOOR
2. THE SECURITY SYSTEM SHALL ALLOW THE EXTERIOR PUSH BUTTON TO BE ENERGIZED. ONCE THE PUSH BUTTON IS ENERGIZED THEN THE EXTERIOR DOOR SHALL BE OPENED OF THE BUTTON IS PUSHED.
3. THE EXTERIOR AUTO OPENER CONTROL BOARD SHALL COMMUNICATE TO THE CONTROL BOARD OF THE INTERIOR DOOR AND THAT DOOR SHALL OPEN.

OPERATION SEQUENCE WHEN THE DOORS ARE UNLOCKED ENTERING FROM OUTSIDE

1. THE LATCH BOLT MONITOR SHALL NOTE THAT THE LATCH IS RETRACTED AND SHALL COMMUNICATE THAT INFORMATION TO THE CONTROL BOARD IN THE AUTO OPENER.
2. THE CONTROL BOARD SHALL ALLOW THE EXTERIOR PUSH BUTTON TO BE ENERGIZED. ONCE THE PUSH BUTTON IS ENERGIZED THEN THE EXTERIOR DOOR SHALL BE OPENED OF THE BUTTON IS PUSHED.
3. THE EXTERIOR AUTO OPENER CONTROL BOARD SHALL COMMUNICATE TO THE CONTROL BOARD OF THE INTERIOR DOOR AND THAT DOOR SHALL OPEN.

OPERATION SEQUENCE WHEN THE DOORS ARE LOCKED ENTERING FROM OUTSIDE –NO CARD OR INVALID CARD

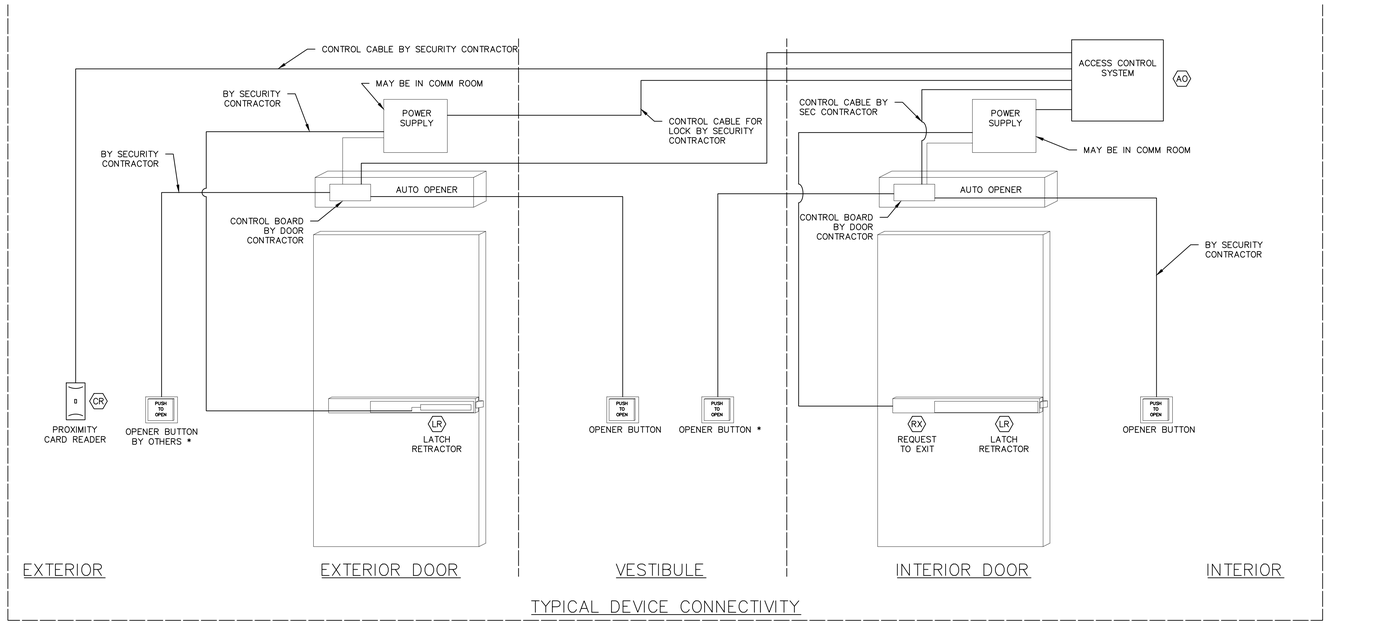
1. IF THE PERSON PUSHES THE EXTERIOR OPENER BUTTON THEN THE AUTO OPENER SHALL NOT ENGAGE BECAUSE THE OPENER BUTTON IS NOT ENERGIZED.
2. THE EXTERIOR OPENER BUTTON IS NOT ENERGIZED UNLESS THE LATCH BOLT MONITOR NOTES THAT THE LATCH IS RETRACTED.

OPERATION SEQUENCE WHEN THE DOORS ARE LOCKED, EXITING FROM INTERIOR

1. WHEN A PERSON PUSHES THE INTERIOR OPENER BUTTON THEN THAT SHALL COMMUNICATE WITH THE INTERIOR AUTO OPENER AND OPEN THAT DOOR.
2. THE CONTROL BOARD OF THE INTERIOR AUTO OPENER SHALL COMMUNICATE WITH THE CONTROL BOARD OF THE EXTERIOR AUTO OPENER AND NOTE THAT THE INTERIOR OPENER BUTTON HAS BEEN PRESSED.
3. THE CONTROL BOARD OF THE EXTERIOR AUTO OPENER SHALL COMMUNICATE WITH THE ACCESS CONTROL SYSTEM AND INSTRUCT IT TO RETRACT THE LATCH ON THE EXTERIOR DOOR.
4. THE EXTERIOR CONTROL BOARD SHALL WAIT A SET NUMBER OF SECONDS AND THEN IT SHALL ENGAGE THE EXTERIOR AUTO OPENER TO OPEN THE EXTERIOR DOOR.

OPERATION SEQUENCE WHEN THE DOORS ARE LOCKED, EXITING FROM VESTIBULE

1. WHEN A PERSON PUSHES THE VESTIBULE OPENER BUTTON THEN THAT SHALL COMMUNICATE WITH THE INTERIOR AUTO OPENER AND OPEN THAT DOOR. IT SHALL ALSO COMMUNICATE WITH THE CONTROL BOARD OF THE EXTERIOR AUTO OPENER.
2. THE CONTROL BOARD OF THE EXTERIOR AUTO OPENER SHALL COMMUNICATE WITH THE ACCESS CONTROL SYSTEM AND INSTRUCT IT TO RETRACT THE LATCH ON THE EXTERIOR DOOR.
3. THE EXTERIOR CONTROL BOARD SHALL WAIT A SET NUMBER OF SECONDS AND THEN IT SHALL ENGAGE THE EXTERIOR AUTO OPENER TO OPEN THE EXTERIOR DOOR.
4.



TYPICAL DEVICE CONNECTIVITY

GENERAL NOTE:

* THE OUTSIDE OPENER BUTTON WILL BE ENABLED & DISABLED BY THE ACCESS CONTROL SYSTEM. THE BUTTONS WILL BE ENABLED WHEN THE DOOR IS UNLOCKED.

2 TC502 ADA DOOR OPENER & ACCESS CONTROL INTEGRATION DIAGRAM

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE

Security Equipment Details

ISSUE DATES

DATE:	ISSUED FOR:
03–09–26	D.R. 1 – CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	BWH
APPROVED	BWE

PROJECT NO.

25026D

DRAWING NO.

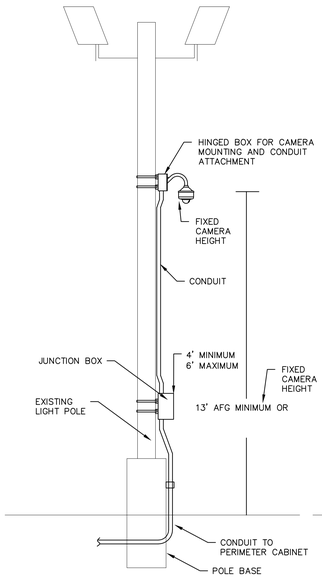
TC502

GENERAL NOTES:

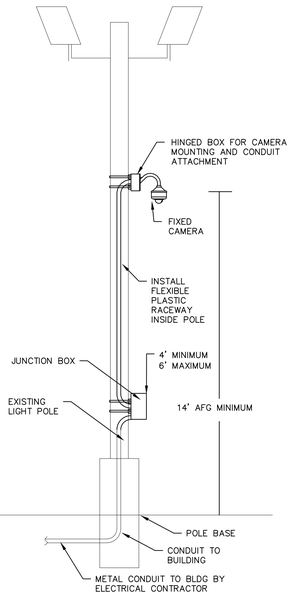
1. POLE EXISTS. CAMERA MAY ALREADY BE INSTALLED. SEE SITE PLAN. INSTALL NEW CAMERAS WHERE SHOWN ON SITE PLAN OR CAMERA ONE LINE.
2. WHEN INSTALLING A NEW CAMERA INSTALL CONDUIT FROM THE PERIMETER CABINET TO THE POLE. SEE ELECTRICAL FOR SPECIFICS.
3. INSTALL JUNCTION BOX AT BOTTOM OF POLE FOR TERMINATION OF CABLE AND INSTALLATION OF LIGHTNING ARRESTOR. SEE ELECTRICAL FOR BOX SIZE.
4. WHERE NO JUCTION BOX IS EXISTING AT THE BOTTOM OF THE POLE, INSTALL A JUNCTION BOX. BACKPULL CABLE TO THE NEW JUNCTION BOX FROM THE CAMERA. TERMINATE AND TEST AND LABEL CABLE.
5. INSTALL CONDUIT AND PATCH CABLE FROM JUNCTION BOX TO THE CAMERA. CONNECT CAMERA AND TEST.
6. SEE ELECTRICAL DIAGRAMS FOR GROUNDING OF LIGHTNING ARRESTOR.
7. INSTALL CONDUIT FROM JUNCTION BOX TO CAMERA BOX FOR NEW CAMERA LOCATIONS.

KEYED NOTES:

1. PROVIDE ONE (1) SURGE SUPPRESSOR FOR EACH CAT-6 CABLE THAT IS FED INTO THE CABINET, NEW AND EXISTING. CONNECT TO GROUND BAR. ENSURE DIRECTION OF ARRESTOR IS CORRECT. SEE ONE LINE FOR QUANTITY OF EXISTING CAMERAS AND NEW CAMERAS AT EACH CABINET.
2. CONNECT NEW SHIELDED CABLES AND LIGHTNING SUPPRESSORS TO THE GROUND BAR. ONE CONNECTION FOR EACH.
3. INSTALL NEW POE INJECTORS FOR EACH PTZ CAMERA. REMOVE EXISTING AND PROVIDE TO THE OWNER. MOUNT TO CABINET AND CONNECT TO POWER. PROVIDE PATCH CABLES TO CONNECT CAMERAS TO ETHERNET SWITCH
4. PROVIDE NEW ETHERNET SWITCH AND SFP MODULE FOR SWITCH. CONNECT TO FIBER BACKBONE AND CORE SWITCH IN ADMIN BUILDING. PROVIDE EXISTING SWITCH TO THE OWNER



CONDUIT EXTERIOR TO POLE



CABLE INSIDE OF POLE

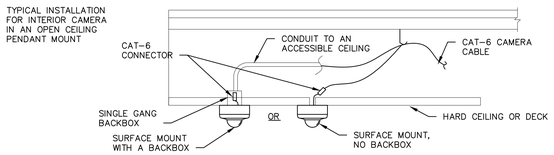
SEE ELECTRICAL DRAWINGS FOR ACTUAL CONDUIT REQUIREMENTS AND ROUTING

7 TC503 CAMERA POLE MOUNTING DETAIL

HARD CEILING/ FREEZER MOUNT

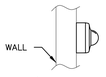


NOTES
1. INSTALL CAMERA TO THE UNDERSIDE OF THE CEILING OR STRUCTURE.
2. IF A BACKBOX IS INSTALLED THEN ATTACH TO THE BACKBOX. IF NO BACKBOX IS INSTALLED THEN ATTACH TO THE CEILING. CUT A HOLE TO PULL CABLE DOWN TO CAMERA. COORDINATE LOCATION OF CABLE AND CAMERA PRIOR TO CEILINING BEING INSTALLED.
3. INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
4. INSTALL A LABEL ON THE CAMERA THAT IS VISIBLE FROM BELOW.

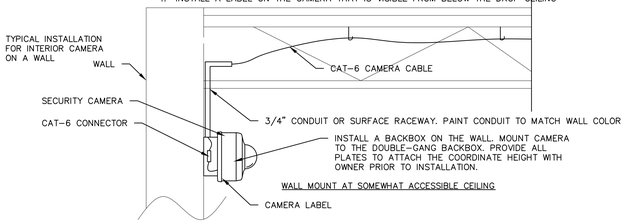


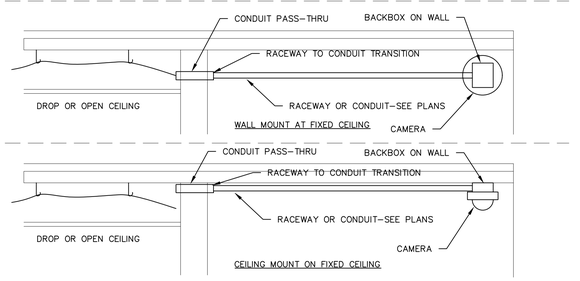
8 TC503 TYPICAL HARD CEILING CAMERA INSTALLATION

WALL/CEILING MOUNT – FIXED CEILING



NOTES
1. INSTALL CAMERAS ON THE WALL. PROVIDE THE RACEWAY AND BACKBOX.
2. SEE SPECS AND DRAWINGS FOR INFORMATION ABOUT WHO INSTALLS CAT-6 CABLE FROM COMM ROOM TO CAMERA LOCATION
3. SECURITY CONTRACTOR SHALL INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
4. INSTALL A LABEL ON THE CAMERA THAT IS VISIBLE FROM BELOW THE DROP CEILING

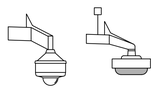




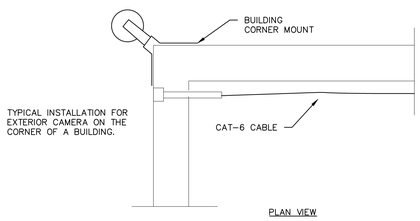
5 TC503 TYPICAL INTERIOR WALL/CEILING MOUNT CAMERA INSTALLATION

NOT TO SCALE

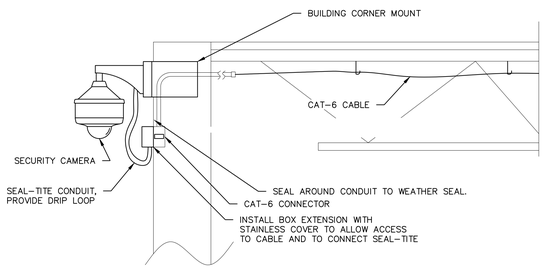
EXTERIOR CORNER MOUNT



NOTES:
1. INSTALL A CORNER MOUNT AT HEIGHT APPROVED BY OWNER.
2. INSTALL PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
3. ALL CAMERAS SHALL BE INSTALLED WITH SEAL-TITE. SEAL AT WALL. NO CABLE SHALL BE VISIBLE. PROVIDE ALL CONNECTORS FOR SEAL-TITE



PLAN VIEW



ELEVATION

6 TC503 EXTERIOR CORNER, WALL MOUNT NEW BUILD. IN-WALL BOX PROVIDED

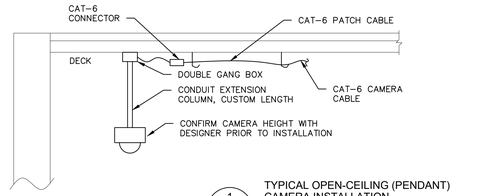
NOT TO SCALE

PENDANT MOUNT IN OPEN CEILING



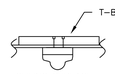
NOTES
1. INSTALL CAMERA IN A PENDANT MOUNT SUPPORTED BY CONDUIT TO THE DECK OR STRUCTURE.
2. INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
3. INSTALL A LABEL ON THE CAMERA THAT IS VISIBLE FROM BELOW.

TYPICAL INSTALLATION FOR INTERIOR CAMERA IN AN OPEN CEILING PENDANT MOUNT

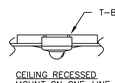


1 TC503 TYPICAL OPEN-CEILING (PENDANT) CAMERA INSTALLATION

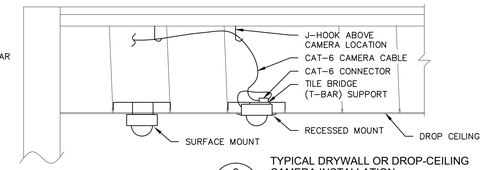
DROP OR FIXED CEILING



NOTES
1. INSTALL CAMERAS RECESSED IN DROP CEILING OR DRYWALL CEILING. PROVIDE THE CORRECT MOUNT.
2. SEE SPECS & DRAWINGS FOR INFORMATION ABOUT WHO INSTALLS CAT-6 CABLE FROM COMM ROOM TO CAMERA LOCATION.
3. SECURITY CONTRACTOR SHALL INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
4. INSTALL A LABEL ON THE CAMERA THAT IS VISIBLE FROM BELOW THE DROP CEILING.

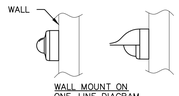


TYPICAL INSTALLATION FOR INTERIOR CAMERA IN A DROP CEILING OR FIXED CEILING.



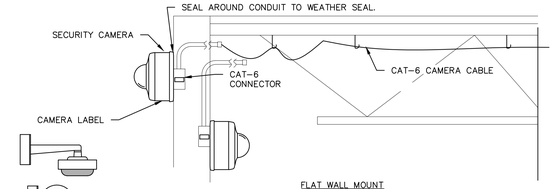
2 TC503 TYPICAL DRYWALL OR DROP-CEILING CAMERA INSTALLATION

EXTERIOR/INTERIOR WALL MOUNT



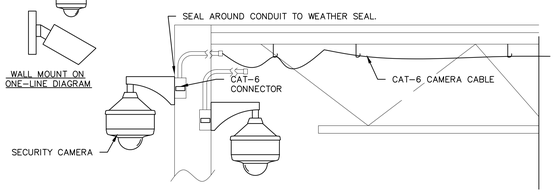
NOTES
1. INSTALL CAMERAS TO THE BACKBOX IN THE WALL. CHECK CONDUIT AND BACKBOX WITH ELECTRICIAN DURING CONSTRUCTION
2. SEE SPECS & DRAWINGS FOR INFORMATION ABOUT WHO INSTALLS CAT-6 CABLE FROM COMM ROOM TO CAMERA LOCATION.
3. SECURITY CONTRACTOR SHALL INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
4. WHERE THE CAMERA LOOKS OUT FROM THE BUILDING INSTALL THE FLAT WALL MOUNT. WHERE THE CAMERA IS SHOWN LOOKING ALONG THE BUILDING THE CONTRACTOR SHALL INSTALL THE PENDANT WALL MOUNT.

TYPICAL INSTALLATION FOR EXTERIOR CAMERA MOUNTED ON A WALL



FLAT WALL MOUNT

USE THIS MOUNT WHEN THE CAMERA IS LOOKING STRAIGHT OUT FROM THE BUILDING.



PENDANT WALL MOUNT

USE THIS MOUNT WHEN THE CAMERA IS AIMED TO PROVIDE AN IMAGE ALONG THE EXTERIOR WALL.

3 TC503 EXTERIOR OR INTERIOR WALL MOUNT NEW BUILD. BACKBOX PROVIDED

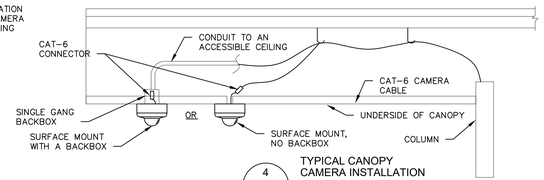
NOT TO SCALE

CANOPY MOUNT



NOTES
1. INSTALL CAMERA TO THE UNDERSIDE OF THE CANOPY.
2. ROUTE CABLE WITHIN THE CANOPY FROM CAMERA LOCATION TO THE VERTICAL COLUMN.
3. INSTALL CABLE DOWN COLUMN, THROUGH CONDUIT AND TO THE BUILDING.
4. IF A BACKBOX IS INSTALLED THEN ATTACH TO THE BACKBOX. IF NO BACKBOX IS INSTALLED THEN ATTACH TO THE CANOPY UNDERSIDE. CUT A HOLE TO PULL CABLE DOWN TO CAMERA. COORDINATE LOCATION OF CABLE AND CAMERA PRIOR TO CEILINING BEING INSTALLED.
5. INSTALL THE PATCH CABLE FROM CAT-6 CONNECTOR TO CAMERA. SHALL BE PLENUM RATED.
6. INSTALL A LABEL ON THE CAMERA THAT IS VISIBLE FROM BELOW.

TYPICAL INSTALLATION FOR INTERIOR CAMERA IN AN OPEN CEILING PENDANT MOUNT



4 TC503 TYPICAL CANOPY CAMERA INSTALLATION

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE

Camera Mounting Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 – CONSTRUCTION DOCUMENTS

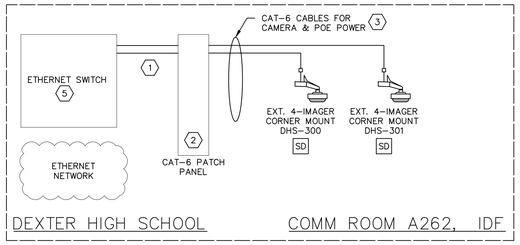
DRAWN	BVH
CHECKED	BWH
APPROVED	BWE

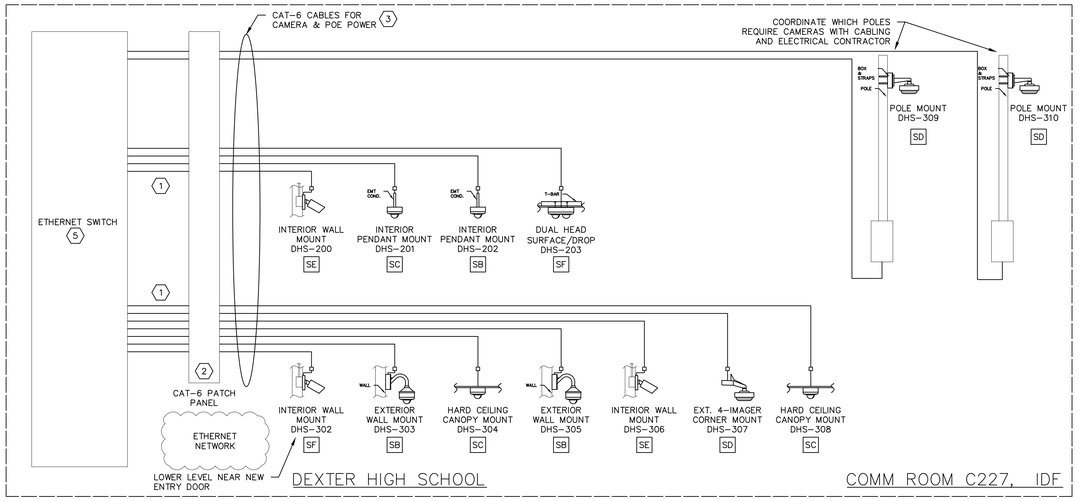
PROJECT NO.

25026D

DRAWING NO.

TC503





GENERAL VIDEO SECURITY NOTES:

1. CONTRACTOR SHALL PROVIDE ALL PATCH CABLES AT THE CAMERA AND AT THE COMM ROOM. MATCH COLOR OF CAMERA CABLE. 12" LONG AT SWITCH. 10' AT THE CAMERA
2. THE CONTRACTOR SHALL SUPPLY ANY & ALL BALUNS, COUPLERS ADAPTERS & CONVERTERS THAT ARE REQUIRED FOR THE INTER-CONNECTION OF ALL THE SECURITY COMPONENTS.
3. CONTRACTOR SHALL PROVIDE THE CORRECT CAMERA MOUNT BASED ON CAMERA LOCATION AND STRUCTURE AVAILABLE. VERIFY CAMERA LOCATION PRIOR TO ORDERING MOUNTS AND CAMERAS.
4. CAMERAS IN DROP CEILINGS SHALL BE RECESSED MOUNT. PROVIDE BACKPLATE OR T-BAR FOR SUPPORT FROM GRID, NOT JUST THE TILE.
5. WHERE THE CAMERA IS NOT INSTALLED INTO A DROP CEILING THE CONTRACTOR SHALL PROVIDE A MOUNT AND HOUSING. PROVIDE WEATHERPROOF MOUNTS ON EXTERIOR CAMERAS.
6. EXTERIOR CAMERAS SHALL BE RATED FOR OUTDOOR INSTALLATION AND SHALL PROVIDE THEIR OWN HEAT.
7. CONTRACTOR SHALL MEET WITH THE OWNER AND DETAIL ALL THE CAPABILITIES OF THE SYSTEM. THE CONFIGURATION OF THE RECORDER AND CAMERAS SHALL BE BASED ON THESE MEETINGS WITH THE OWNER. TAKE NOTES DURING THE MEETINGS. SUBMIT WITH AS-BUILTS
8. CONTRACTOR SHALL PROVIDE THE CORRECT LENS TO EACH CAMERA BASED ON THE INSTALLED LOCATION AND THE OWNERS REQUIREMENTS FOR THE FIELD OF VIEW. WORK WITH THE OWNER DURING INSTALLATION.
9. ALL CAMERAS SHALL CONNECT TO THE IP NETWORK SWITCH IN THE COMMUNICATIONS ROOM. CONTRACTOR SHALL WORK WITH THE OWNER ON CONFIGURATION OF THE ETHERNET SWITCH.
10. PRIOR TO CAMERA INSTALLATION THE CONTRACTOR SHALL CONDUCT A "GREEN-TAPE" WALK-THRU OF THE SITES WITH THE OWNER AND IDENTIFY ALL CAMERA LOCATIONS AND INSTALL TAPE AT EACH CAMERA LOCATION.
11. NETWORK VIDEO RECORDER(S) (NVR) IS EXISTING. CONTRACTOR SHALL PROVIDE AND CONFIGURE ALL VMS AND SYSTEM SOFTWARE REQUIRED. EXISTING SYSTEM IS DIGITAL WATCHDOG.

KEYED VIDEO SECURITYNOTES:

1. PROVIDE ALL PATCH CABLES REQUIRED FOR CONNECTION OF ALL CAMERAS AT THE CAMERA AND AT THE NETWORK SWITCH. ALL PATCH CABLES SHALL BE MATCH CABLE COLOR
2. LABEL THE CAT-6 PATCH PANEL WITH THE CAMERA NUMBER THE CABLE CONNECTS TO. SHALL BE LASER PRINTED. SEE SPECS
3. SEE SPECIFICATIONS AND BID SCOPES TO DETERMINE WHICH CONTRACTOR IS TO INSTALL AND TERMINATE THE CAT-6 CABLES USED FOR SECURITY CAMERAS.
4. THE SERVER(S) ARE EXISTING. CONTRACTOR SHALL LOAD ALL SOFTWARE REQUIRED TO RECORD AND MANAGE ALL CAMERAS THROUGHOUT THE BUILDINGS. PROVIDE THE QUANTITY OF SERVERS AND STORAGE AS REQUIRED TO RECORD AND VIEW ALL CAMERAS AS PER THE SPECIFICATIONS
5. THE SECURITY CONTRACTOR SHALL MEET WITH THE OWNER TO CONFIRM ALL NETWORK SPECIFICATION REQUIREMENTS FOR A VLAN OR OTHER QUALITY OF SERVICE SETTINGS FOR THE CAMERA SYSTEM

REFER TO THE PLANS FOR CAMERA LOCATIONS

1 TC504 VIDEO SECURITY DIAGRAM WYLIE ELEMENTARY

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE
HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE
Camera One-Line Diagram

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

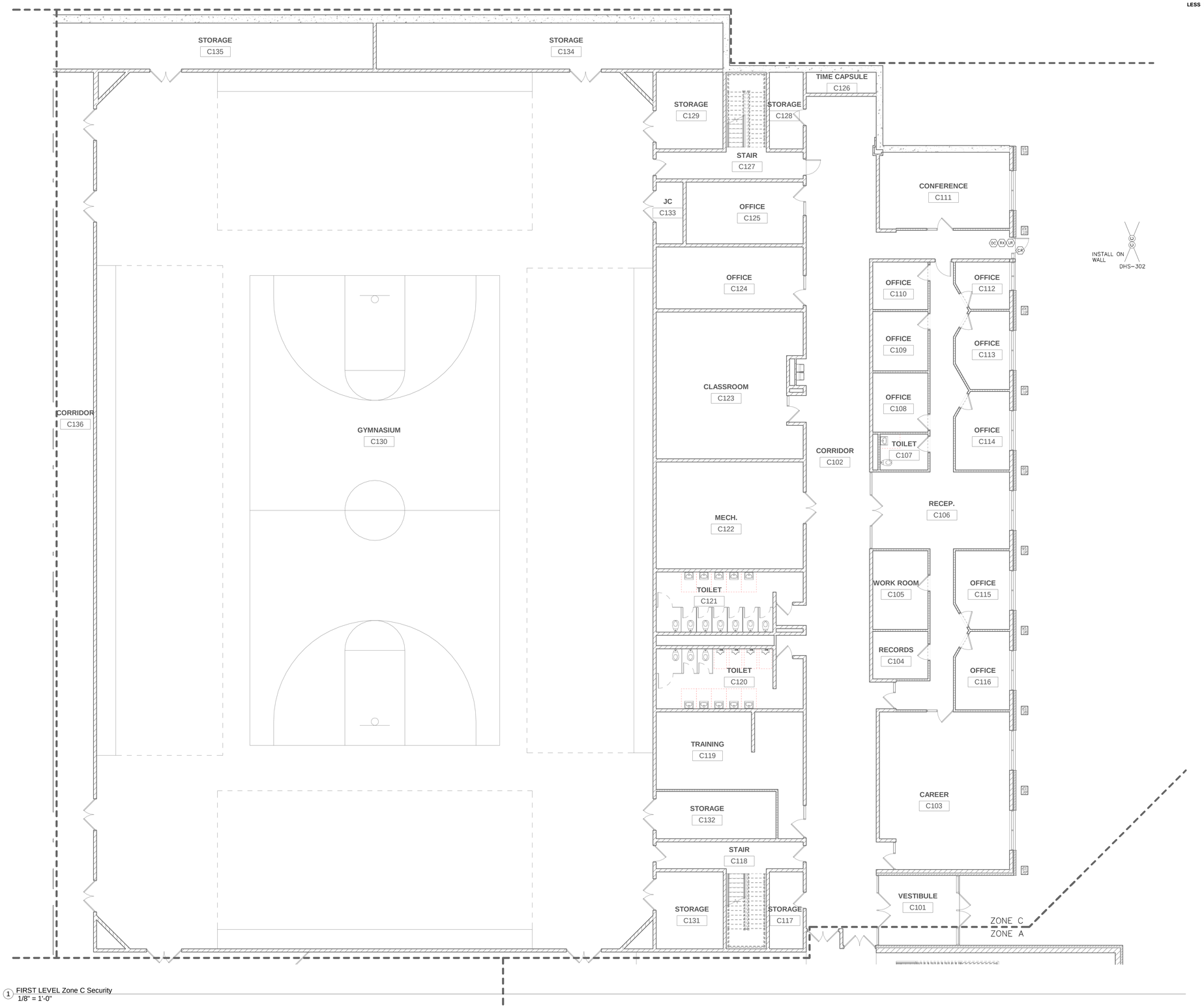
DRAWN	BVH
CHECKED	BMH
APPROVED	BME

PROJECT NO.
25026D

DRAWING NO.
TC504

GENERAL CABLING NOTES

1. COMMUNICATIONS CONTRACTOR SHALL INSTALL ANY PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING THAT ARE NOT SHOWN AS BEING INSTALLED AS PART OF THE "TR" SERIES DRAWINGS. SEE ATTACHED.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU OF THE SITE DURING CONSTRUCTION AND SHALL VERIFY ALL CONDUITS AND PASS THRU'S ARE INSTALLED FOR CABLES.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.



1 FIRST LEVEL Zone C Security
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

FIRST FLOOR ZONE C SECURITY PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	DKH
APPROVED	BWE

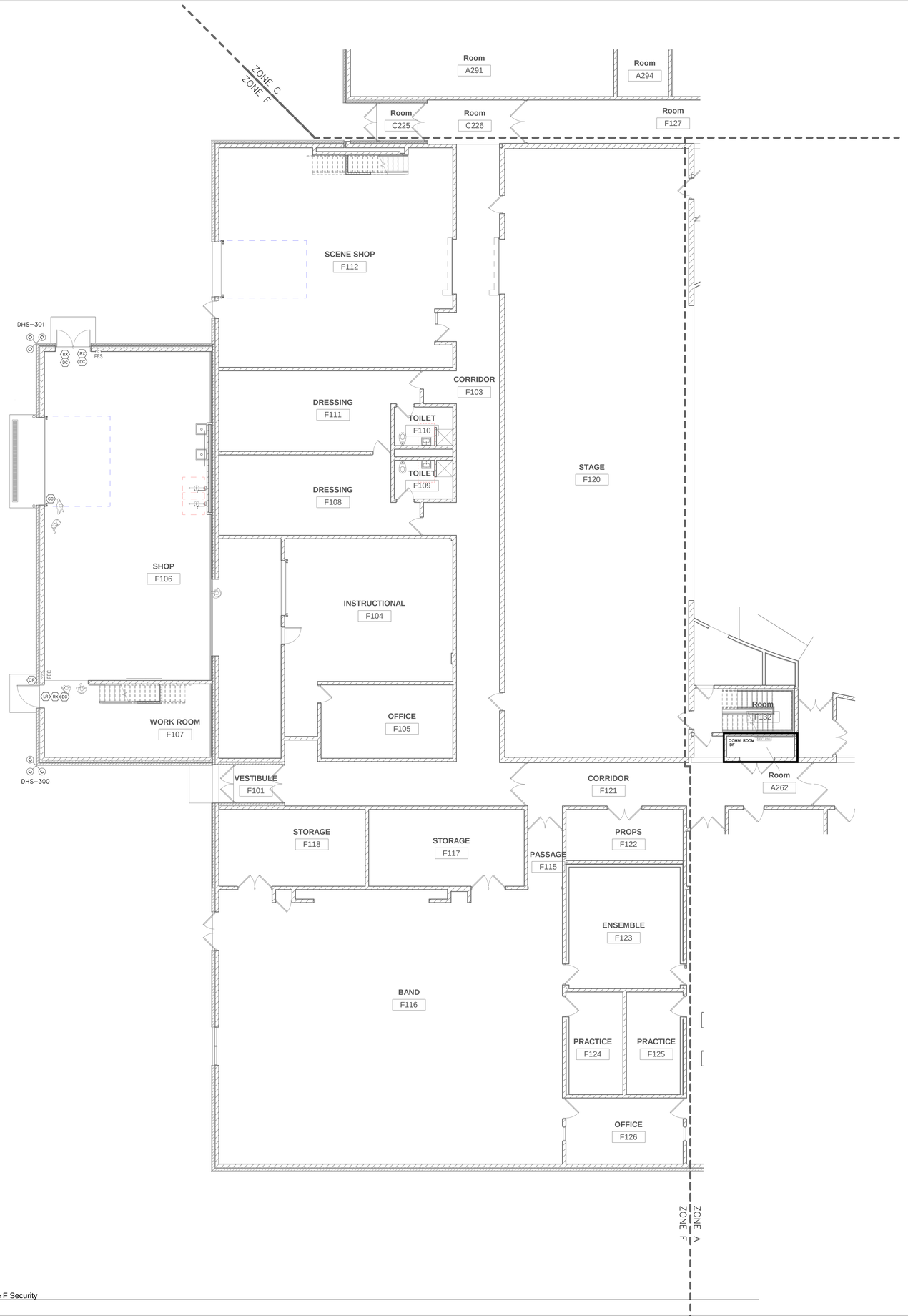
PROJECT NO.

25026G

DRAWING NO.

TC601C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026-Tech-V2025.rvt
3/5/2026 11:58:56 AM



1 FIRST LEVEL Zone F Security
1/8" = 1'-0"

GENERAL SECURITY NOTES

1. SECURITY CONTRACTOR SHALL INSTALL ANY CONDUITS & PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING IN ADDITION TO THOSE SHOWN.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU PRIOR TO CONSTRUCTION & SHALL VERIFY ALL RACEWAYS & PATHWAYS.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.
4. WHERE A CAMERA IS MARKED AS SURFACE MOUNTED ON THE ONE-LINE, THAT CAMERA MAY BE MOUNTED TO THE CEILING OR WALL. PROVIDE A BACKBOX & RACEWAY.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

FIRST FLOOR ZONE F SECURITY PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	DKH
APPROVED	BWE

PROJECT NO.

25026G

DRAWING NO.

TC601F

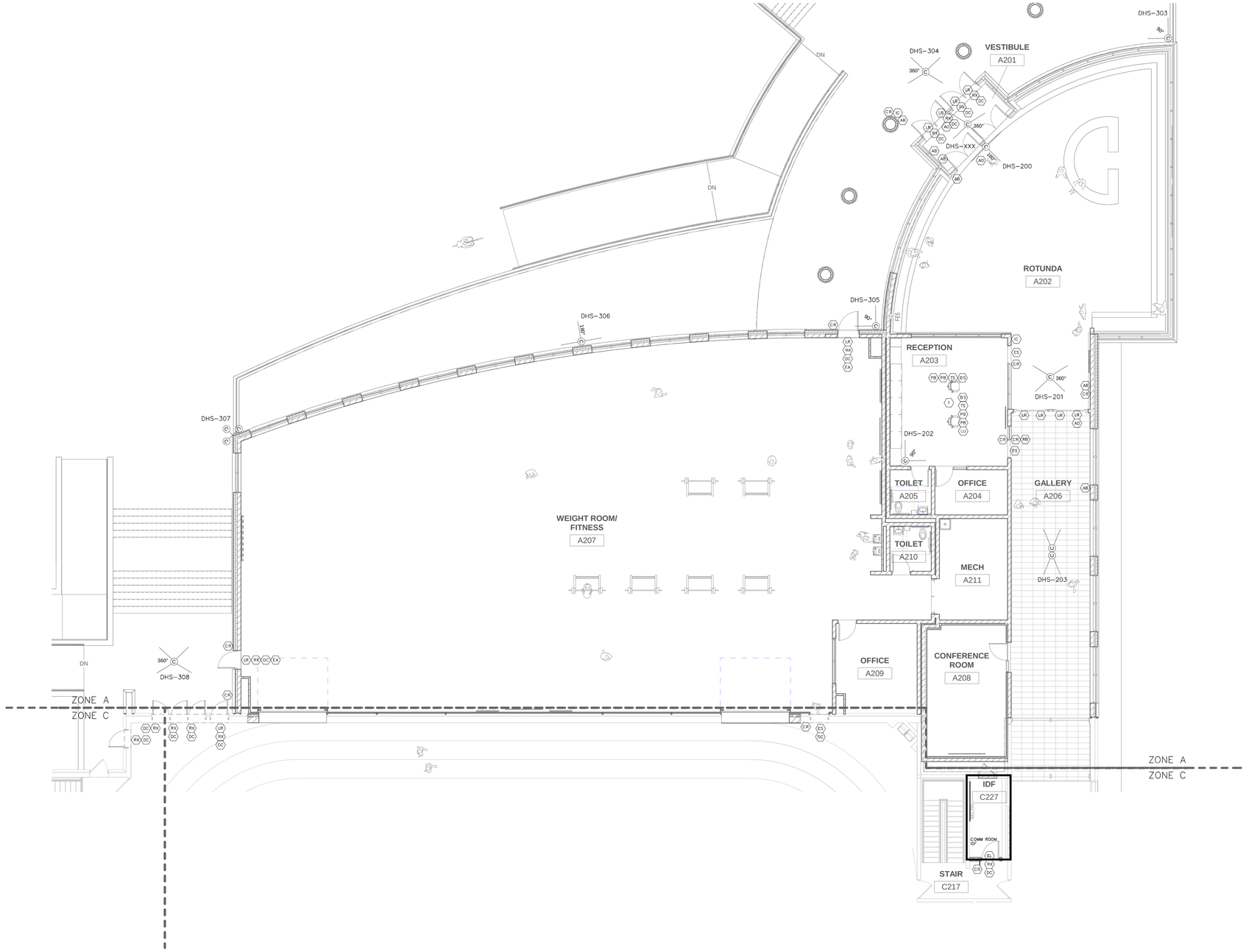
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026-Tech-V2025.rvt
3/5/2026 11:58:57 AM

GENERAL SECURITY NOTES

1. SECURITY CONTRACTOR SHALL INSTALL ANY CONDUITS & PASS-THRU'S REQUIRED FOR ROUTING CABLES AROUND THE BUILDING IN ADDITION TO THOSE SHOWN.
2. CONTRACTOR SHALL COMPLETE A WALK-THRU PRIOR TO CONSTRUCTION & SHALL VERIFY ALL RACEWAYS & PATHWAYS.
3. ALL CABLES SHALL BE SUPPORTED ABOVE THE DROP CEILING BY J-HOOKS. HOOKS SHALL BE LOCATED NO LESS THAN EVERY 5 FEET.
4. WHERE A CAMERA IS MARKED AS SURFACE MOUNTED ON THE ONE-LINE, THAT CAMERA MAY BE MOUNTED TO THE CEILING OR WALL. PROVIDE A BACKBOX & RACEWAY.

KEYED SECURITY NOTES

1. ROUTE ACCESS CONTROL CABLING THROUGH FLOORBOX. INSTALL ACCESS CONTROL INTO DESK. COORDINATE WITH ELECTRICAL AND FURNITURE CONTRACTORS.



1 SECOND LEVEL Zone A Security
1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

CommtechDesign
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

SECOND FLOOR ZONE A SECURITY PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BWH
CHECKED	DKH
APPROVED	BWE

PROJECT NO.

25026G

DRAWING NO.

TC602A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026-Tech-V2025.rvt
3/5/2026 11:58:59 AM

ACCESS CONTROL AT DOOR RACEWAY

RX	REQUEST TO EXIT IN LOCK – SWITCH INSIDE PUSHBAR OR ELECTRIC LATCH. INSTALL CONDUIT TO HINGE SIDE OF DOOR
DC	DOOR CONTACT – INSTALLED AT TOP OF DOOR FRAME ABOVE DOOR. INSTALL BACKBOX AT DOOR FRAME AND CONDUIT TO CEILING.
GC	GARAGE CONTACT – INSTALL AN OVERHEAD DOOR CONTACT. CONDUIT AND BACKBOX INSTALLED AT 6'6" AFF
EA	EMBARASSMENT ALARM – MOUNT TO DROP OR HARD CEILING. INSTALL CONDUIT AND BACKBOX ON WALL AT 9' AFF IF NO CEILING IS INSTALLED
RB	DOOR RELEASE BUTTON – PUSHBUTTON TO RELEASE A DOOR LOCK. INSTALL CONDUIT AND BACKBOX OR INSTALL AT DOOR FRAME. SEE FLOOR PLANS

ACCESS CTRL. DESK EQUP. RACEWAY

PB	PUSH BUTTON – BUTTON AT DESK TO TRIGGER AN EVENT INSTALL CONDUIT AN BACKBOX BELOW DESK
TS	TOGGLE SWITCH – TOGGLE SWITCH AT DESK. INSTALL CONDUIT AND BACKBOX BELOW DESK

INTERCOM / ASST. OPENER RACEWAY

IC	INTERCOM – DEVICE FOR AUDIO AND VIDEO CONNECTION TO UNSECURE SIDE OF DOOR. INSTALL CONDUITS AND BACKBOX.
BS	INTERCOM BASE SYSTEM – DEVICE FOR AUDIO AND VIDEO CONNECTION AT DESK. INSTALL CONDUITS AND BACKBOX TO UNDERSIDE OF DESK
AO	ASSISTED OPENER – THIS MECHANICALLY OPENS A DOOR. CONDUIT FROM OPENER TO CEILING.
AB	ASSISTED OPENER BUTTON– BUTTON TO TRIGGER ASSISTED OPENER. INSTALL CONDUIT AND BACKBOX AT 46" AFF TO CENTER. MATCH LIGHT SWITCH HEIGHT

ACCESS CONTROL READER RACEWAY

CR	CARD READER – PROXIMITY DEVICE BESIDE A DOOR. PROVIDE BACKBOX AND CONDUIT. WHERE NOTED TO BE INSTALLED ON DOOR FRAME INSTALL CONDUIT TO DOOR FRAME

ACCESS CONTROL LOCK RACEWAY

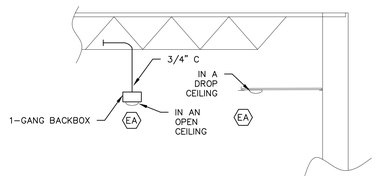
LR	LATCH RETRACTION DEVICE – LOCK MECHANISM INSIDE PUSHBAR OF DOOR. INSTALL CONDUIT TO DOOR HINGE.
ES	ELECTRIC STRIKE – ELECTRONIC LOCKING DEVICE IN DOOR FRAME AT LATCH. INSTALL CONDUIT TO DOOR LATCH

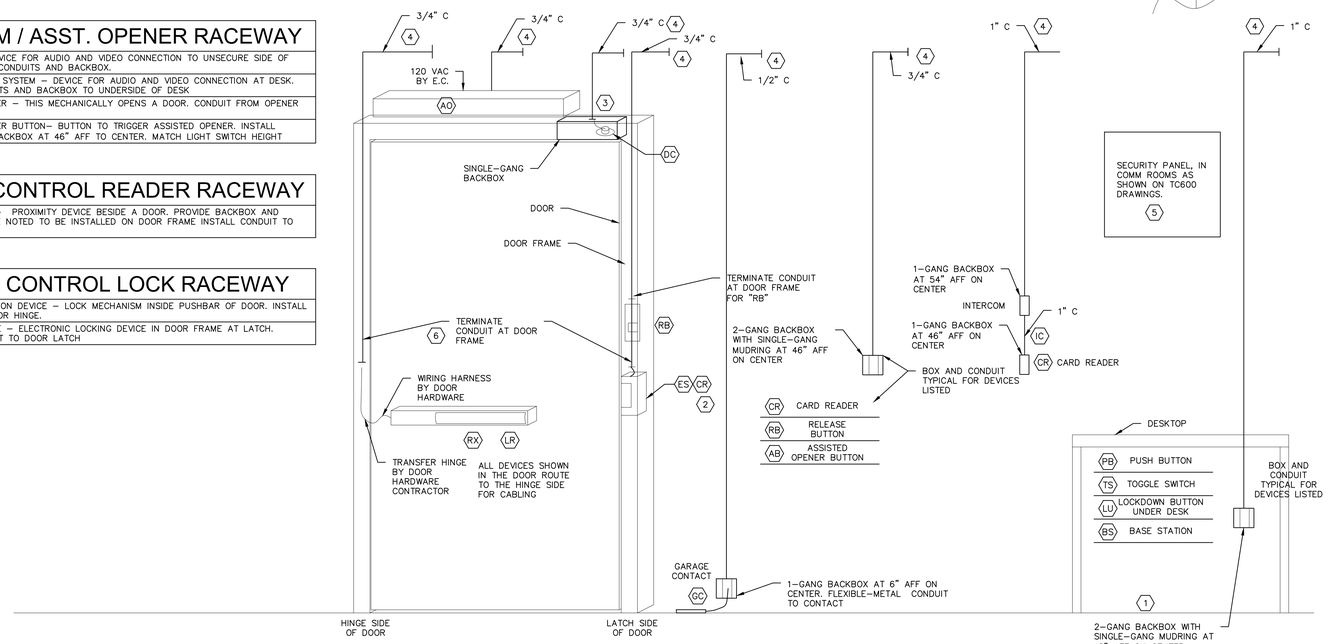
KEYED NOTES:

1. ONLY ONE CONDUIT AND BACKBOX IS REQUIRED WHERE THESE DEVICES ARE INSTALLED AT THE SAME DESK
2. WHEN THE "CR" IS SHOWN AS BEING ON A DOOR FRAME, DO NOT INSTALL A BACKBOX. INSTALL CONDUIT INTO THE DOOR FRAME
3. INSTALL BACKBOX FACING DOWN AT HEADER OF DOOR FOR DC AND RX. INSTALL CONDUIT TO CEILING AREA.
4. INSTALL A CONDUIT TO AN ACCESSIBLE CEILING AREA.
5. ACCESS CONTROL PANEL WILL BE INSTALLED IN THE COMM ROOM. PROVIDE POWER TO THE PANEL
6. COORDINATE LENGTH AND TERMINATION POINT OF CONDUIT WITH THE DOOR HARDWARE AND DOOR INSTALLER.

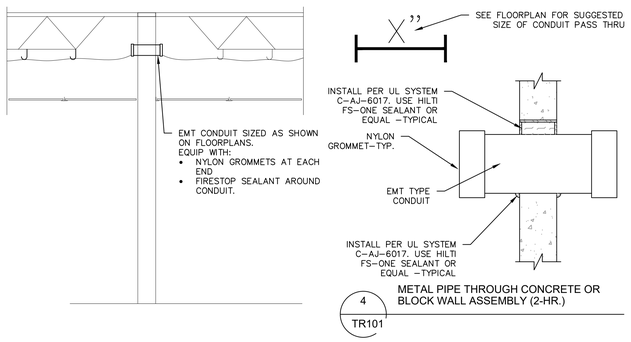
GENERAL NOTES:

1. INSTALL RACEWAYS AND BACKBOXES AT DOORS AND DESKS FOR CONNECTION OF SECURITY AND ALARM DEVICES.
2. CONDUIT INSTALLER SHALL WORK WITH DOOR INSTALLER, DOOR HARDWARE CONTRACTOR AND SECURITY CONTRACTOR WHEN INSTALLING CONDUITS.

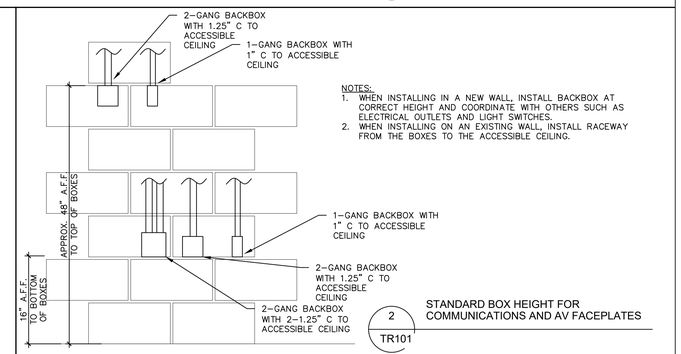




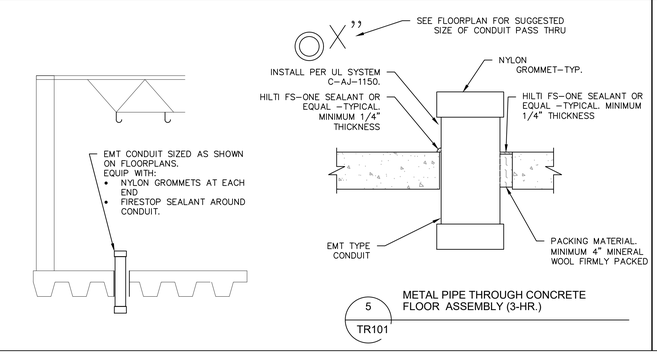
1 TR101 ACCESS CONTROL RACEWAY DETAIL



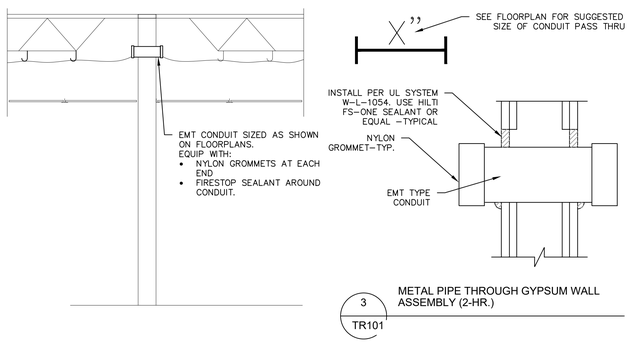
4 TR101 METAL PIPE THROUGH CONCRETE OR BLOCK WALL ASSEMBLY (2-HR.)



2 TR101 STANDARD BOX HEIGHT FOR COMMUNICATIONS AND AV FACEPLATES



5 TR101 METAL PIPE THROUGH CONCRETE FLOOR ASSEMBLY (3-HR.)



3 TR101 METAL PIPE THROUGH GYPSUM WALL ASSEMBLY (2-HR.)

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE

Raceway Legends, Schedules & Details

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 – CONSTRUCTION DOCUMENTS

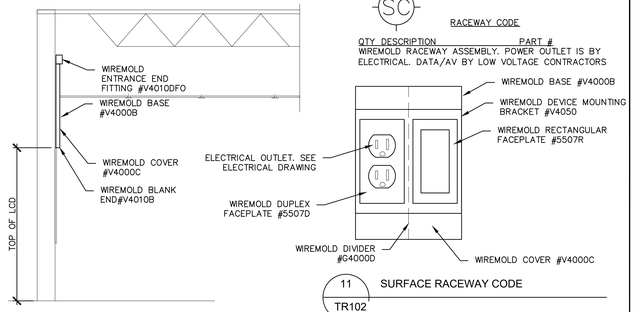
DRAWN	BVH
CHECKED	BWH
APPROVED	BWE

PROJECT NO.

25026D

DRAWING NO.

TR101

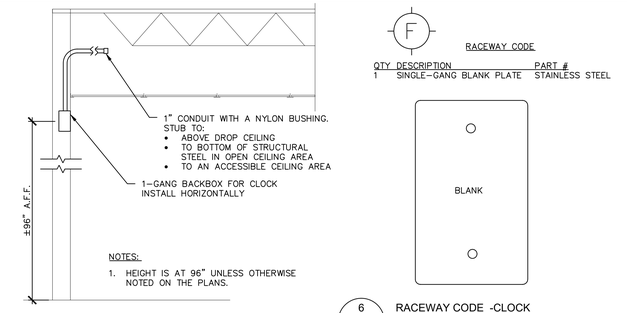


SC

RACEWAY CODE

QTY	DESCRIPTION	PART #
	WIREMOLD RACEWAY ASSEMBLY. POWER OUTLET IS BY ELECTRICAL. DATA/AV BY LOW VOLTAGE CONTRACTORS	

11 SURFACE RACEWAY CODE
TR102



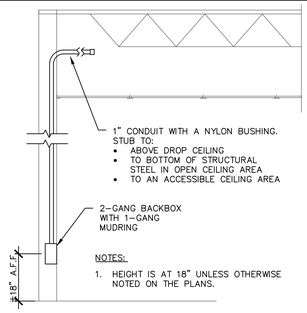
NOTES:
1. HEIGHT IS AT 96" UNLESS OTHERWISE NOTED ON THE PLANS.

F

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE-GANG BLANK PLATE	STAINLESS STEEL

6 RACEWAY CODE -CLOCK
TR102

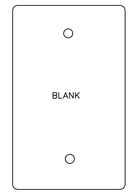


NOTES:
1. HEIGHT IS AT 18" UNLESS OTHERWISE NOTED ON THE PLANS.

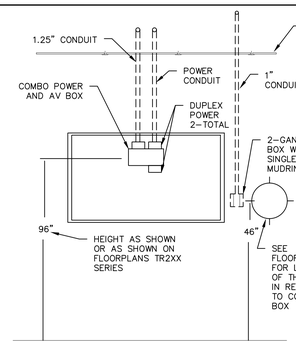
A

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE-GANG BLANK PLATE	STAINLESS STEEL



1 RACEWAY CODE
TR102



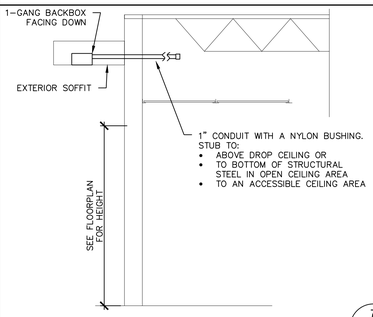
LA

IN WALL BOX PARTS

QTY	DESCRIPTION	MFG.	PART #
1	IN-WALL BOX	WIREMOLD	EFSB2
1	KNOCKOUT PLATE	WIREMOLD	EFB810-3/4-11/4

GENERAL NOTES:
1. BACKBOXES FOR LCD'S SHALL BE IN-WALL POWER AND LOW VOLTAGE BOX.
2. PROVIDE ALL BOXES FOR TERMINATION OF ALL OPENINGS INTO THE BOX.
3. PROVIDE WITH ONE (1) DUPLEX POWER OUTLET.
4. PROVIDE BOXES AND CONDUITS SHOWN FOR CONNECTION OF INPUTS AND CONTROLS

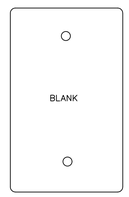
12 LCD RACEWAY AND BOX CONTROL PLATE
TR102



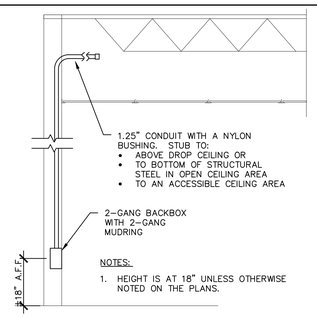
G

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE-GANG BLANK PLATE	STAINLESS STEEL



7 CONNECTIVITY CODE
TR102

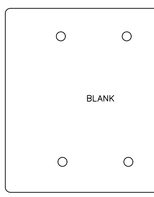


NOTES:
1. HEIGHT IS AT 18" UNLESS OTHERWISE NOTED ON THE PLANS.

B

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	DOUBLE-GANG BLANK PLATE	STAINLESS STEEL



2 RACEWAY CODE
TR102

LB

IN WALL BOX PARTS

QTY	DESCRIPTION	MFG.	PART #
1	IN-WALL BOX	WIREMOLD	EFSB2
1	KNOCKOUT PLATE	WIREMOLD	EFB810-3/4-11/4

GENERAL NOTES:
1. BACKBOXES FOR LCD'S SHALL BE IN-WALL POWER AND LOW VOLTAGE BOX.
2. PROVIDE ALL BOXES FOR TERMINATION OF ALL OPENINGS INTO THE BOX.
3. PROVIDE WITH ONE (1) DUPLEX POWER OUTLET.
4. PROVIDE BOXES AND CONDUITS SHOWN FOR CONNECTION OF INPUTS AND CONTROLS

13 LCD RACEWAY AND BOX STAND ALONE
TR102

NOTES:
1. HEIGHT IS AT 18" UNLESS OTHERWISE NOTED ON THE PLANS.

H

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	DOUBLE-GANG BLANK PLATE	STAINLESS STEEL

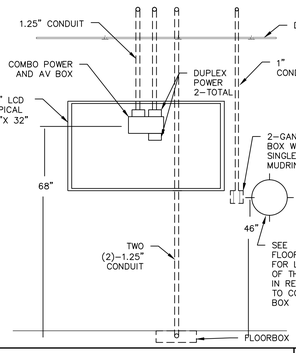
8 RACEWAY CODE
TR102

C

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE-GANG BLANK PLATE	STAINLESS STEEL

3 RACEWAY CODE
TR102



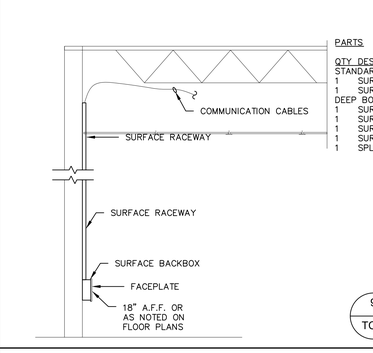
LC

IN WALL BOX PARTS

QTY	DESCRIPTION	MFG.	PART #
1	IN-WALL BOX	WIREMOLD	EFSB4
1	KNOCKOUT PLATE	WIREMOLD	EFB810-3/4-11/4

GENERAL NOTES:
1. BACKBOXES FOR LCD'S SHALL BE IN-WALL DUAL POWER AND LOW VOLTAGE BOX. FSR #PWB-100 OR EQUAL.
2. PROVIDE ALL BOXES FOR TERMINATION OF ALL OPENINGS INTO THE BOX.
3. PROVIDE WITH TWO (2) DUPLEX POWER OUTLETS.
4. PROVIDE BOXES AND CONDUITS SHOWN FOR CONNECTION OF INPUTS AND CONTROLS
5. MINIMUM OF 41" FROM CENTER OF IN-WALL LCD BOX TO CENTER OF 2-GANG BOX NEAR SIDE OF LCD
6. BOTTOM OF LCD SHOULD BE FINALIZED WITH DESIGNER ONSITE PRIOR TO INSTALLATION

14 LCD RACEWAY AND BOX FLOOR BOX AND CONTROL PLATE
TR102

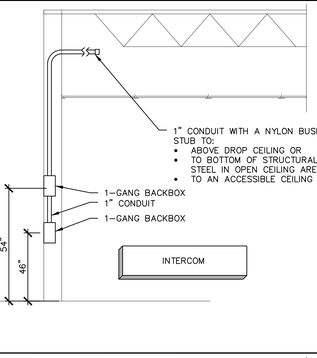


SA

PARTS CONNECTIVITY CODE

QTY	DESCRIPTION	MANUFACTURER	PART #
	STANDARD BOX		
1	SURFACE BACKBOX 1-GANG	WIREMOLD	V2448
1	SURFACE BACKBOX 2-GANG	WIREMOLD	V2448-2
	DEEP BOX		
1	SURFACE BACKBOX 1-GANG	WIREMOLD	V2444
1	SURFACE BACKBOX 2-GANG	WIREMOLD	V2444-2
1	SURFACE RACEWAY	WIREMOLD	V2400B
1	SURFACE RACEWAY COVER	WIREMOLD	V2400BC
1	SPLICE COVERS	WIREMOLD	V2406

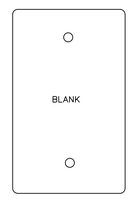
9 TYPICAL SURFACE RACEWAY INSTALLED BY COMM CONTRACTOR
TC102



D

RACEWAY CODE

QTY	DESCRIPTION	PART #
2	SINGLE-GANG BLANK PLATES	STAINLESS STEEL



4 RACEWAY CODE
TR702

SB

RACEWAY CODE

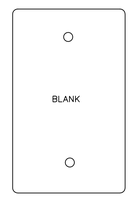
QTY	DESCRIPTION	PART #
	WIREMOLD RACEWAY ASSEMBLY. POWER OUTLET IS BY ELECTRICAL. DATA/AV BY LOW VOLTAGE CONTRACTORS	

10 SURFACE RACEWAY CODE
TR102

E

RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE-GANG BLANK PLATE	STAINLESS STEEL



5 CONNECTIVITY CODE
TR102

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS MICHIGAN 48302
PH 248.388.4561 FX 248.388.0223
EM INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD. NE STE. 101
ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITION

Dexter Community School District

DRAWING TITLE

Raceway Connectivity Codes

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 – CONSTRUCTION DOCUMENTS

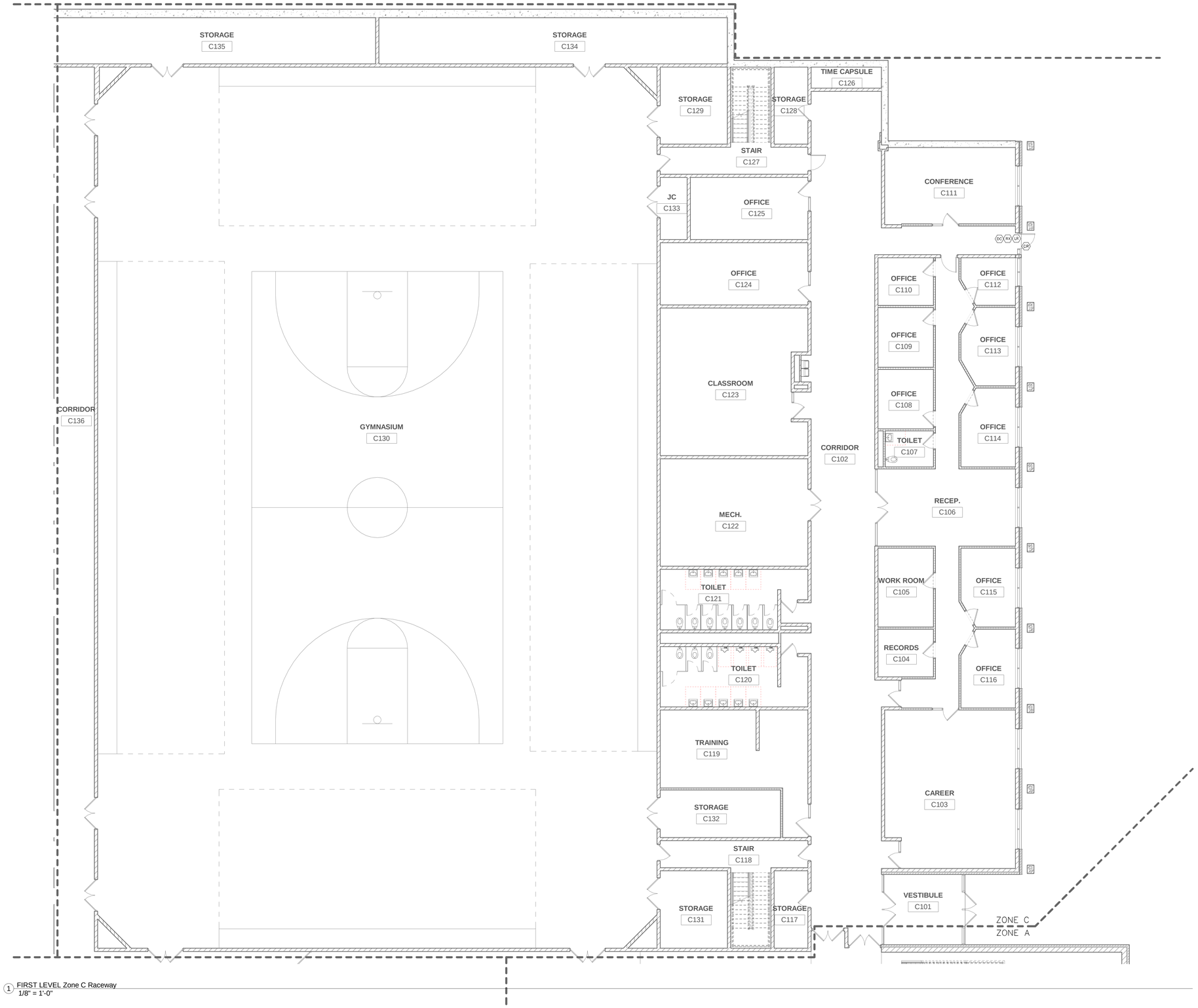
DRAWN	BWH
CHECKED	BWH
APPROVED	BWE

PROJECT NO.

25026D

DRAWING NO.

TR102



1 FIRST LEVEL Zone C Raceway
1/8" = 1'-0"

GENERAL RACEWAY NOTES

1. SEE THE SERIES FLOOR PLANS AND DETAILS FOR ALL TECHNOLOGY RACEWAYS.
2. FLOORBOXES ARE SHOWN ON THE ELECTRICAL DRAWINGS. SEE ELECTRICAL DETAILS FOR FLOORBOX TECHNOLOGY RACEWAYS.
3. FINAL COORDINATE HEIGHT OF ALL LCD BACKBOXES WITH THE TECHNOLOGY CONTRACTOR PRIOR TO INSTALL. CONDUCT A SITE WALK THRU AND MARKUP DRAWINGS. PROVIDE TO DESIGNER FOR REVIEW PRIOR TO INSTALLATION OF RACEWAYS.
4. SEE SHEETS TR1XX FOR RACEWAY AND FIRSTOP REQUIREMENTS.
5. SEE ELECTRICAL SPECIFICATIONS FOR RACEWAY TYPE REQUIREMENTS AND INSTALLATION STANDARDS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

FIRST FLOOR ZONE C RACEWAY PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	DKH
APPROVED	BWE

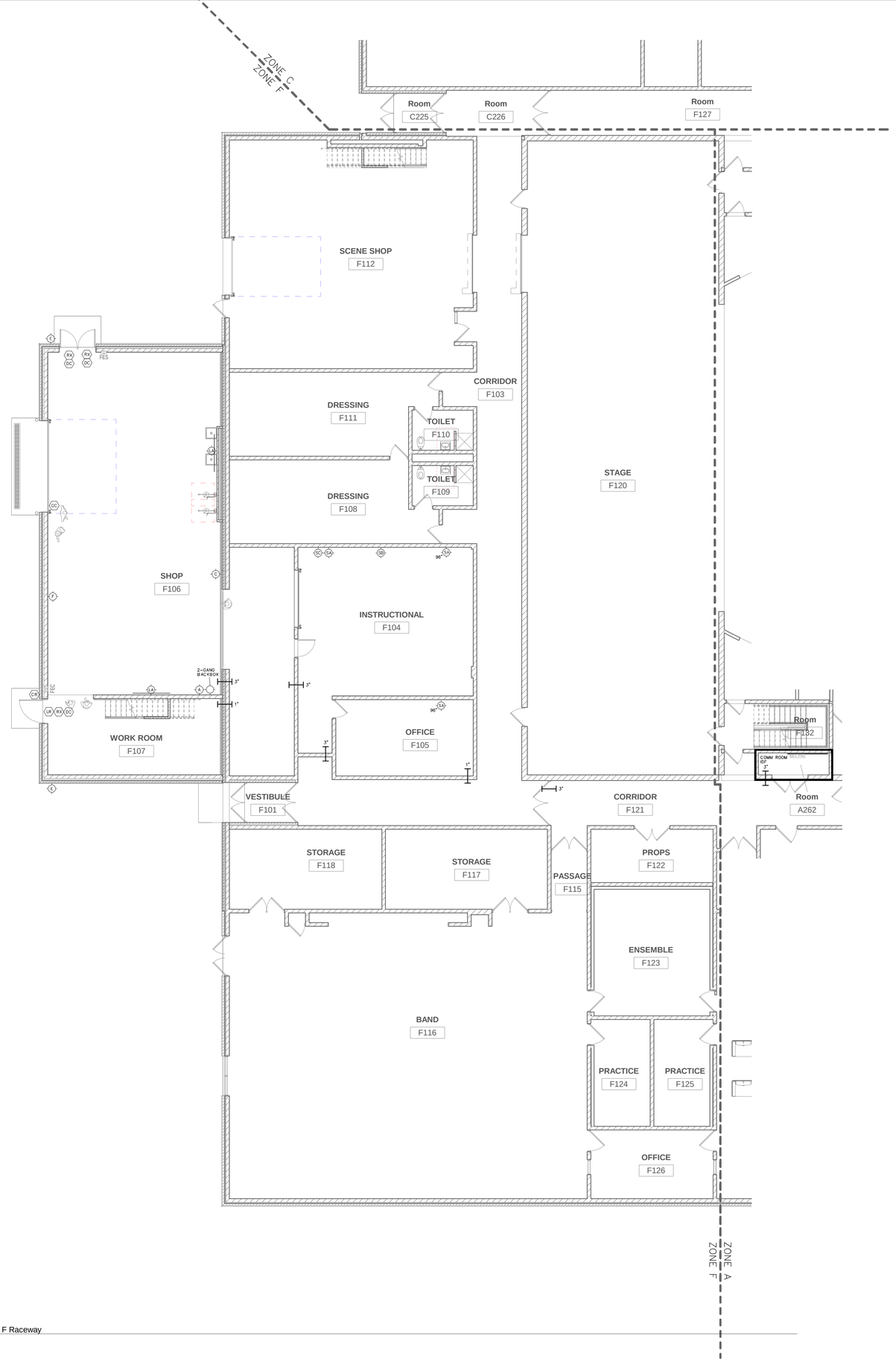
PROJECT NO.

25026G

DRAWING NO.

TR201C

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026-Tech-V.2025.rvt
3/5/2026 11:59:00 AM



1 FIRST LEVEL Zone F Raceway
1/8" = 1'-0"

GENERAL RACEWAY NOTES

1. SEE THE SERIES FLOOR PLANS AND DETAILS FOR ALL TECHNOLOGY RACEWAYS.
2. FLOORBOXES ARE SHOWN ON THE ELECTRICAL DRAWINGS. SEE ELECTRICAL DETAILS FOR FLOORBOX TECHNOLOGY RACEWAYS.
3. FINAL COORDINATE HEIGHT OF ALL LCD BACKBOXES WITH THE TECHNOLOGY CONTRACTOR PRIOR TO INSTALL. CONDUCT A SITE WALK THRU AND MARKUP DRAWINGS. PROVIDE TO DESIGNER FOR REVIEW PRIOR TO INSTALLATION OF RACEWAYS.
4. SEE SHEETS TR1XX FOR RACEWAY AND FIRSTOP REQUIREMENTS.
5. SEE ELECTRICAL SPECIFICATIONS FOR RACEWAY TYPE REQUIREMENTS AND INSTALLATION STANDARDS.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4561
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD,
MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

FIRST FLOOR ZONE F RACEWAY PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	DKH
APPROVED	BWE

PROJECT NO.

25026G

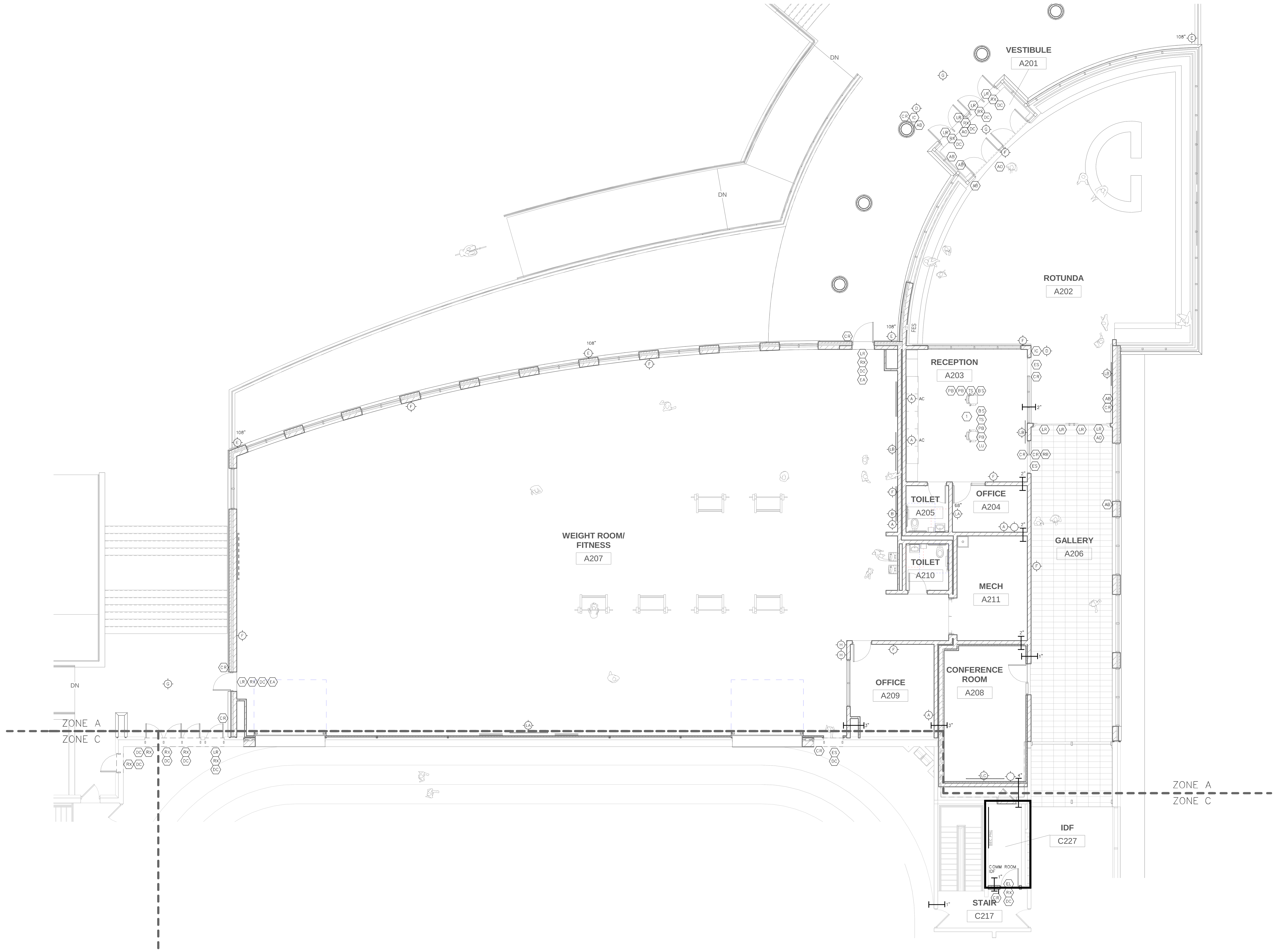
DRAWING NO.

TR201F

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026-Tech-V2025.rvt
3/5/2026 11:59:01 AM

GENERAL RACEWAY NOTES

1. SEE THE SERIES FLOOR PLANS AND DETAILS FOR ALL TECHNOLOGY RACEWAYS.
2. FLOORBOXES ARE SHOWN ON THE ELECTRICAL DRAWINGS. SEE ELECTRICAL DETAILS FOR FLOORBOX TECHNOLOGY RACEWAYS.
3. FINAL COORDINATE HEIGHT OF ALL LCD BACKBOXES WITH THE TECHNOLOGY CONTRACTOR PRIOR TO INSTALL. CONDUCT A SITE WALK THRU AND MARKUP DRAWINGS. PROVIDE TO DESIGNER FOR REVIEW PRIOR TO INSTALLATION OF RACEWAYS.
4. SEE SHEETS TR1XX FOR RACEWAY AND FIRSTOP REQUIREMENTS.
5. SEE ELECTRICAL SPECIFICATIONS FOR RACEWAY TYPE REQUIREMENTS AND INSTALLATION STANDARDS.



1 SECOND LEVEL Zone A Raceway
1/8" = 1'-0"

TMP ARCHITECTURE
TMP ARCHITECTURE INC
259 E. MICHIGAN AVENUE · SUITE 308
KALAMAZOO · MICHIGAN · 49007
PH · 269.327.0077 FX · 269.327.8090
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Commtech Design
6581 BELDING RD NE STE 101 ROCKFORD, MICHIGAN 49341
WWW.COMMTECHDESIGN.COM

PROJECT TITLE

HIGH SCHOOL ADDITIONS

DRAWING TITLE

SECOND FLOOR ZONE A RACEWAY PLAN

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03-09-26	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BVH
CHECKED	DKH
APPROVED	BWE

PROJECT NO.

25026G

DRAWING NO.

TR202A

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026-Tech-V2025.rvt
3/5/2026 11:59:02 AM

ADVISORY AUDIOVISUAL POWER REQUIREMENTS

SUPPLEMENTAL AUDIOVISUAL POWER CIRCUITS REQUIRED BEYOND EXISTING POWER CIRCUITING

NEW ADDITIONAL POWER CAPACITY REQUIRED

QTY: 7 (120VAC 20-AMP SINGLE PHASE)

POWER CIRCUITS ASSOCIATED WITH SOUND/AV SYSTEMS FROM DISTRIBUTION PANEL. CIRCUITS SHALL NOT BE SERVED FROM PANEL CONTAINING HARMONIC LOADS (MOTORS, DIMMERS, BALLASTS, ETC.)

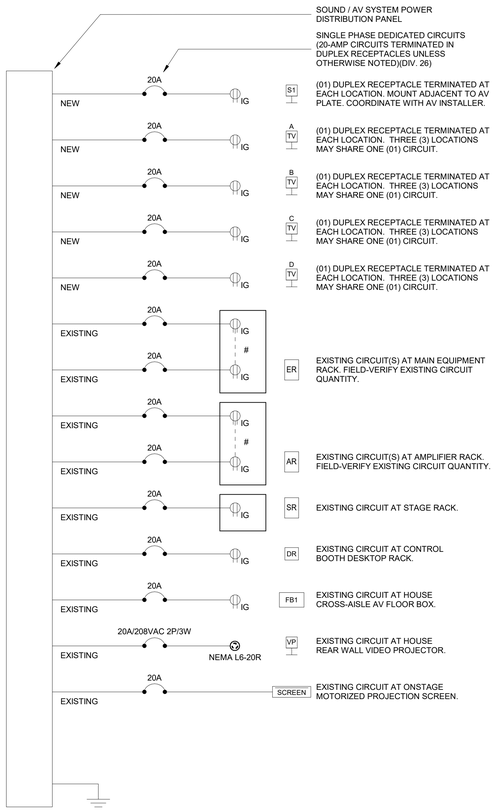
AVERAGE CURRENT DRAW AND HEAT LOADS ASSOCIATED WITH SOUND/AV SYSTEMS IN OPERATION WITH TYPICAL PROGRAM MATERIAL WITH OCCASIONAL CLIPPING:

CURRENT DRAW:
43.2 AMPS @ 120VAC

HEAT LOAD(S):
N/A

NOTES:

1. POWER RACEWAY AND MODULAR OUTLETS INSIDE RACKS FURNISHED BY AUDIO/VISUAL SYSTEM SUBCONTRACTOR AND TERMINATED BY ELECTRICAL CONTRACTOR.
2. COORDINATE WITH ELECTRICAL CONTRACTOR FOR EXACT LOCATIONS AND TERMINATION OF AC POWER.
3. REFER TO SOUND SYSTEM SPECIFICATIONS UNDER "RELATED WORK BY OTHERS" FOR ADDITIONAL INFORMATION.
4. ALL CIRCUITS ARE 20 AMP ISOLATED GROUND UNLESS OTHERWISE NOTED.
5. CURRENT DRAW BASED ON 120VAC CIRCUITS AT SECONDARY SIDE OF ISOLATION TRANSFORMER. TRANSFORMER TO BE SIZED BY PROJECT ELECTRICAL ENGINEER.
6. CURRENT DRAW AND HEAT LOAD FOR EACH SYSTEM SHOWN REPRESENT AVERAGE LOADS FOR SOUND SYSTEMS IN OPERATION WITH PROGRAM MATERIAL AT TYPICAL MAXIMUM LEVEL OPERATION.
7. OUTBOARD PLUG-IN POWER SEQUENCING SYSTEM CONTROLLER AND ASSOCIATED REMOTED LOW-VOLTAGE SWITCH SETS (WALL AND RACK MOUNTED) FURNISHED AND INSTALLED BY DIV. 274115 AV INSTALLER.



ADVISORY AUDIOVISUAL DATA DROP REQUIREMENTS

DEVICE / LOCATION	QTY. AV-NET DATA CIRCUITS	QTY. ETHERNET DATA CIRCUITS	DESCRIPTION
1	2	0	DIV. 274115: PROVIDE AND TERMINATE 2EA. AV-NET DATA JACKS. TECHNOLOGY: N/A.
2	2	0	DIV. 274115: PROVIDE AND TERMINATE 2EA. AV-NET DATA JACKS. TECHNOLOGY: N/A.
3	2	0	DIV. 274115: PROVIDE AND TERMINATE 2EA. AV-NET DATA JACKS. TECHNOLOGY: N/A.
AL	2	0	DIV. 274115: PROVIDE AND TERMINATE 2EA. CONNECTORIZED AV-NET DATA CABLES. TECHNOLOGY: N/A.
AP	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. CONNECTORIZED AV-NET DATA CABLE. TECHNOLOGY: N/A.
CA	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. CONNECTORIZED AV-NET DATA CABLE. TECHNOLOGY: N/A.
EX CX	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. CONNECTORIZED AV-NET DATA CABLE. TECHNOLOGY: N/A.
CX	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. CONNECTORIZED AV-NET DATA CABLE. TECHNOLOGY: N/A.
FB1	4	0	DIV. 274115: PROVIDE AND TERMINATE 2EA. AV-NET DATA JACKS. PROVIDE 2EA. LIGHTING DATA JACKS - COORDINATE WITH USERS FOR TERMINATION LOCATION. TECHNOLOGY: N/A.
S1	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. AV-NET DATA JACK. TECHNOLOGY: N/A.
A TV	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. CONNECTORIZED AV-NET DATA CABLE. TECHNOLOGY: N/A.
B TV	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. CONNECTORIZED AV-NET DATA CABLE. TECHNOLOGY: N/A.
C TV	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. CONNECTORIZED AV-NET DATA CABLE. TECHNOLOGY: N/A.
D TV	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. CONNECTORIZED AV-NET DATA CABLE. TECHNOLOGY: N/A.
VP	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. CONNECTORIZED AV-NET DATA CABLE. TECHNOLOGY: N/A.
WC	1	0	DIV. 274115: PROVIDE AND TERMINATE 1EA. CONNECTORIZED AV-NET DATA CABLE. TECHNOLOGY: N/A.
ER	*	0	DIV. 274115: TERMINATE REMOTE AV-NET DATA CONNECTIONS AT AV RACK NETWORK SWITCH AND OTHER LOCAL EQUIPMENT AS SHOWN IN ONELINE DIAGRAM. TECHNOLOGY: N/A.
AR	*	0	DIV. 274115: TERMINATE REMOTE AV-NET DATA CONNECTIONS AT AV RACK NETWORK SWITCH AND OTHER LOCAL EQUIPMENT AS SHOWN IN ONELINE DIAGRAM. TECHNOLOGY: N/A.
SR	*	0	DIV. 274115: TERMINATE REMOTE AV-NET DATA CONNECTIONS AT AV RACK NETWORK SWITCH AND OTHER LOCAL EQUIPMENT AS SHOWN IN ONELINE DIAGRAM. TECHNOLOGY: N/A.

NOTES:

* : SEE AV ONELINE DIAGRAMS FOR QUANTITIES OF EACH CIRCUIT TYPE TERMINATING AT EACH EQUIPMENT LOCATION.

ETHERNET: COMMON BUILDING DATA NETWORK. PROVIDED AND INSTALLED BY TECHNOLOGY/DATA VENDOR.

AV-NET : DEDICATED DATA NETWORK FOR AV STREAMING DATA. PROVIDED AND INSTALLED BY DIV. 274115.

1. IN CONTEXT OF THE AUDIOVISUAL DOCUMENTS, THE BUILDING DATA "ETHERNET" NETWORK IS USED BY AV SYSTEMS FOR INTRANET AND INTERNET DATA ACCESS (WHERE REQUIRED, APPROPRIATE, AND/OR PERMITTED BY THE OWNER), AND IS SEPARATE AND DISTINCT FROM THE "AV-NET" DEDICATED AV NETWORK PROVIDED AND INSTALLED BY DIV. 274115 FOR USE IN DISTRIBUTION OF DIGITAL AUDIO, AUDIOVISUAL, AND CONTROL SIGNALS (AS DETAILED IN THE AUDIOVISUAL CONTRACT DOCUMENTS). THE INSTALLATION AND IMPLEMENTATION OF THE BUILDING DATA "ETHERNET" NETWORK IS BEYOND DIV. 274115 SCOPE AND IS PROVIDED BY THE PROJECT TECHNOLOGY/DATA VENDOR UNDER SEPARATE SPECIFICATION. DIV. 274115 SHALL COORDINATE WITH FACILITY IT STAFF FOR CONFIGURATION AND ACCESS PARAMETERS.
2. ALL DATA CABLING SHOWN TO BE PROVIDED BY DIV. 274115 AUDIOVISUAL CONTRACTOR UNLESS EXPLICITLY NOTED OTHERWISE.
3. WHERE DATA CABLING IS NOTED TO BE PROVIDED BY DATACOMM/TECHNOLOGY VENDOR, COORDINATE AS REQUIRED.
4. ALL COPPER DATA CABLING AND CONNECTORS SHALL BE CAT6A RATED.
5. AV CONTRACTOR SHALL VERIFY ALL ETHERNET-BASED DEVICES ASSOCIATED WITH AUDIOVISUAL SYSTEMS ARE WITHIN ETHERNET DISTANCE LIMITATIONS FOR THE FULL LENGTH OF EACH CABLE RUN, TO INCLUDE PATCH CABLE LENGTHS. COORDINATE WITH ELECTRICAL INSTALLER REGARDING PATHWAY AND CABLE ROUTING FOR MOST DIRECT ROUTE FROM DEVICE TO TERMINATION POINT.
6. REFER TO AUDIOVISUAL INFRASTRUCTURE DRAWINGS IN THIS DRAWING SET FOR ALL DEVICE LOCATIONS.
7. REFER TO DATA ADVISORIES FOR TECHNOLOGY/DATA VENDOR-SUPPLIED BUILDING LAN OUTLETS ASSOCIATED WITH AUDIOVISUAL DEVICE PLATES / LOCATIONS.

ELECTRICAL & CONDUIT INSTALLATION NOTES

1. ALL 120VAC POWER CONDUCTORS, POWER DISTRIBUTION PANELS, JUNCTION BOXES, TERMINAL PANELS, CONDUITS, WIREWAYS, POWER RECEPTACLES AND ALL OTHER DEVICES ASSOCIATED WITH 120VAC POWER CIRCUITS SHALL BE FURNISHED, INSTALLED AND TERMINATED UNDER DIVISION 26 UNLESS OTHERWISE NOTED.
2. ALL CONDUIT SHOWN IS FOR AUDIO/VISUAL AND SOUND REINFORCEMENT SYSTEMS AND IS NOT RELATED TO ANY CONDUIT FOR AC POWER.
3. ALL CONDUIT IS 3/4" EMT UNLESS OTHERWISE NOTED.
4. ALL CONDUIT CONNECTIONS SHALL BE FURNISHED WITH NYLON BUSHINGS TO PREVENT DAMAGE TO CABLES FROM BURRED OR UNEVENLY CUT CONDUIT.
5. USE INSULATED BUSHINGS TO CONNECT CONDUIT TO EQUIPMENT RACKS, TO INSULATE CONDUIT GROUND FROM EQUIPMENT RACK GROUND SYSTEM.
6. KEEP 90° BENDS TO A MINIMUM. THE CONDUIT SYSTEM SHALL NOT HAVE MORE THAN THREE 90° BENDS OR THEIR EQUIVALENT BETWEEN PULL BOXES.
7. ALL PULL BOXES AND OUTLET BOXES SHALL BE AT LEAST 3-1/2" DEEP.
8. ALL CONDUIT RUNS IN EXCESS OF 100 FEET SHALL HAVE INTERMEDIATE JUNCTION BOXES EVERY 100 FEET OR THREE BENDS, WHICHEVER COMES FIRST.
9. ALL AUDIO/VISUAL SYSTEM RELATED JUNCTION BOXES SHALL REMAIN ACCESSIBLE AT ALL TIMES.
10. INSTALL NYLON PULL STRINGS IN ALL EMPTY CONDUITS.
11. CAULK OR OTHERWISE SEAL ALL PENETRATIONS THROUGH ACOUSTICAL PARTITIONS AND BARRIERS.
12. ALL PENETRATIONS THROUGH FIRE-RATED WALLS AND ASSEMBLIES SHALL BE SEALED WITH FIRESTOP MATERIAL PER APPLICABLE CODE. REFER TO DIVISION 7.
13. ELECTRICAL CONTRACTOR SHALL REFER TO ELECTRICAL DRAWINGS FOR ALL 120VAC CONDUIT SIZING.
14. ELECTRICAL CONTRACTOR SHALL REFER TO OTHER DRAWINGS FOR NON-AUDIO/VISUAL SYSTEM RELATED ELECTRICAL INFORMATION FOR THESE AREAS. AUDIO/VISUAL SYSTEM DRAWINGS DO NOT CONTAIN ALL ROOM ELECTRICAL REQUIREMENTS.
15. THE ELECTRICAL CONTRACTOR SHALL INSTALL AND WIRE ALL HIGH VOLTAGE DEVICES.
16. ALL POWER CIRCUITS SHALL BE 120VAC, 20 AMP DEDICATED CIRCUITS UNLESS OTHERWISE NOTED.
17. ELECTRICAL CONTRACTOR SHALL LABEL ALL CIRCUIT BREAKER POSITIONS IN ALL BREAKER PANELS.
18. INSTALL SEPARATE DEDICATED NEUTRAL CONDUCTOR FROM POWER DISTRIBUTION PANEL FOR EACH INDIVIDUAL CIRCUIT.
19. ALLOW MINIMUM 20% SPARE BREAKERS FOR EACH POWER DISTRIBUTION PANEL.
20. 120VAC POWER TO THE EQUIPMENT RACKS SHALL BE TERMINATED INSIDE THE RACKS BY DIV. 26 TO AUDIO/VISUAL SYSTEM SUBCONTRACTOR-SUPPLIED RACEWAY OUTLETS.
21. CLEARLY LABEL BREAKER PANEL DOOR "AUDIO/VISUAL SYSTEM EQUIPMENT ONLY".
22. INTEGRATED RECESSED LOUDSPEAKER ASSEMBLIES SHALL BE FURNISHED AND INSTALLED BY THE AUDIO/VISUAL SYSTEMS CONTRACTOR. SHOULD SUBSTITUTE EQUIPMENT BE PROVIDED BY THE AV CONTRACTOR THAT REQUIRE THE USE OF DEDICATED SEPARATE LOUDSPEAKER BACK-CANS, THE AV CONTRACTOR SHALL SUPPLY SUCH DEVICES TO DIV. 26 FOR INSTALLATION.
23. ALL COMMON ENCLOSURES AND JUNCTION BOXES ASSOCIATED WITH AUDIOVISUAL SCOPES OF WORK, AS CALLED OUT IN THE AUDIOVISUAL DEVICE LEGEND, SHALL BE PROVIDED AND INSTALLED BY DIV. 26, UNLESS EXPLICITLY NOTED OTHERWISE.
24. SPECIALTY ENCLOSURES AND INFRASTRUCTURE DEVICES ASSOCIATED WITH AUDIOVISUAL SCOPES OF WORK, AS CALLED OUT IN THE AUDIOVISUAL DEVICE LEGEND AND EXPLICITLY SPECIFIED IN SECTION 270534, SHALL BE PROVIDED BY DIV. 270534 TO DIV. 26 FOR INSTALLATION.
25. REFER TO "RELATED WORK IN OTHER SECTIONS" IN AUDIO/VISUAL SYSTEM SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION.
26. CONDUIT SHALL BE REQUIRED BETWEEN ANY AND ALL LOUDSPEAKERS. WHERE PLENUM-RATED LOUDSPEAKER CABLE IS ALLOWED BY CODE, THIS CONSULTANT WILL CONSIDER SUBSTITUTION REQUESTS SUBMITTED FORMALLY BY THE CONSTRUCTION TEAM. APPROVAL OF WHICH IS SUBJECT TO THE BEST INTERESTS OF THE PROJECT.
27. WIRE NOT INSTALLED IN EQUIPMENT RACKS, NOT PORTABLE, OR NOT INSTALLED IN CONDUIT SHALL BE FIRE-RATED AND MEET ALL APPLICABLE CODES.

AUDIOVISUAL SHEET LIST

NUMBER	NAME
AV0.01	AV Coordination Advisories
AV0.02	Audiovisual Device Legend and Conduit Riser
AV0.03	Audiovisual Details
AV0.04	Audiovisual Details
AV1.0G	Orchestra Pit Audiovisual Floor Plan - Zone 'G'
AV1.1G	First Level Audiovisual Floor Plan - Zone 'G'
AV1.2G	Second Level Audiovisual Floor Plan - Zone 'G'
AV2.1G	First Level Audiovisual Reflected Ceiling Plan - Zone 'G'
AV2.2G	Second Level Audiovisual Reflected Ceiling Plan - Zone 'G'
AV3.1	Audiovisual Building Sections
AV3.2	Audiovisual Building Sections
AV3.10	Enlarged Audiovisual Views
AV4.1	Audiovisual Connector Legend and System Notes
AV4.2	Audiovisual Plate Details
AV4.3	Audiovisual Plate Details
AV4.4	Audiovisual Plate Details
AV4.5	Audiovisual Plate Details
AV5.1	Audiovisual Rack Elevations
AV6.1	Audiovisual Oneline Diagram
AV6.2	Audiovisual Oneline Diagram
AV6.3	Audiovisual Oneline Diagram
AV6.4	Audiovisual Oneline Diagram
AV6.5	Audiovisual Oneline Diagram
AV6.6	Audiovisual Oneline Diagram
AV6.7	Audiovisual Oneline Diagram
AV6.8	Audiovisual Oneline Diagram
AV6.9	Audiovisual Oneline Diagram

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics. Sound Reinforcement. and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

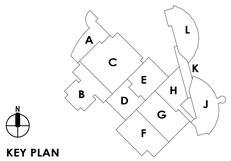
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

AV Coordination Advisories



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

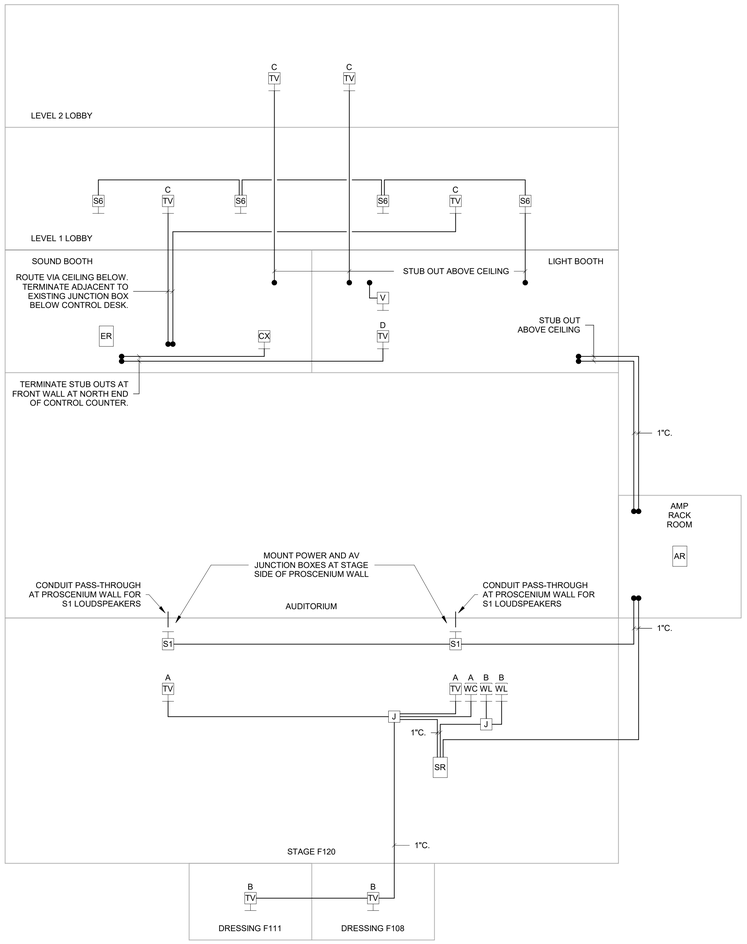
DRAWN	BIH
CHECKED	REB
APPROVED	

PROJECT NO.
25026D

DRAWING NO.
AV0.01

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:18 AM

AUDIOVISUAL CONDUIT RISER DIAGRAM



CONDUIT NOTES

1. RE-USE EXISTING CONDUITS AT EXISTING DEVICE LOCATIONS.
2. INSTALLER SHALL FIELD-VERIFY EXISTING CONDUIT PATHWAYS AND ADVISE ARCHITECT AND CONSULTANT OF DISCREPANCIES WHICH IMPACT SYSTEM CONNECTIVITY.
3. ALL NEW CONDUIT IS EMT UNLESS OTHERWISE NOTED. ONLY NEW CONDUITS ARE SHOWN IN THIS RISER DIAGRAM.
4. CONDUIT SIZE IS 3/4" UNLESS OTHERWISE NOTED.
5. CONDUIT SHOWN IS ASSOCIATED WITH LOW-VOLTAGE AUDIOVISUAL SYSTEM CABLING ONLY. CONDUIT REQUIREMENTS FOR POWER ASSOCIATED WITH AV DEVICE LOCATIONS SHALL BE DETERMINED, SIZED, AND FURNISHED BY THE ELECTRICAL CONTRACTOR.
6. CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE. OPEN CEILING AT RACK ROOM OR OTHER TECHNICAL SPACE (NON PUBLIC CIRCULATION AREA), OR EXPOSED AS NOTED.
7. FIELD-COORDINATE ALL CONDUIT ROUTING. MINIMIZE ANY EXPOSED CONDUIT. VERIFY ROUTING OF ANY EXPOSED CONDUIT WITH ARCH. PRIOR TO INSTALLATION.
8. COORDINATION REQUIRED BETWEEN ELECTRICAL AND AUDIOVISUAL REGARDING WALL/FLOOR PENETRATIONS OR CORES ASSOCIATED WITH AUDIOVISUAL SYSTEM DEVICES. ALL PENETRATIONS IN ACOUSTICALLY SENSITIVE AREAS TO BE SEALED WITH RESILIENT CAULK. PROVIDE FIRE-RATED SEALANT AS/WHERE REQUIRED BY SUPERSEDING CODE.
9. CONFORM TO ALL PROJECT REQUIREMENTS AND ALL LOCAL, OR OTHERWISE SUPERSEDING, CODES PERTAINING TO ACCEPTABLE AND/OR APPROVED MATERIALS FOR CONDUITS AND PATHWAYS INSTALLED BELOW GRADE. TO INCLUDE ACCESSORIES REQUIRED FOR MOUNTING, COUPLING, AND OTHERWISE REQUIRED FOR A COMPLETE PATHWAY SYSTEM.

AUDIOVISUAL DEVICE LEGEND

DEVICE TYPE	DESCRIPTION	SEE ADVISORY POWER RISER	SEE ADVISORY DATA SCHEDULE
1	ENCLOSURE: EXISTING SURFACE-MOUNTED ENCLOSURE. FIELD-VERIFY ENCLOSURE DIMENSIONS. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: EXISTING AT DOWNSTAGE WALLS. PANEL: REPLACE EXISTING WITH NEW. PLATE DIMENSIONS SHALL MATCH PERIMETER DIMENSIONS OF ENCLOSURE, WITH NO PROTRUDING EDGES. RE: DETAILS. DEVICE(S): DOWNSTAGE INPUT / OUTPUT PLATES.		X
2	ENCLOSURE: EXISTING SURFACE-MOUNTED ENCLOSURE. FIELD-VERIFY ENCLOSURE DIMENSIONS. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: EXISTING AT UPSTAGE WALLS. PANEL: REPLACE EXISTING WITH NEW. PLATE DIMENSIONS SHALL MATCH PERIMETER DIMENSIONS OF ENCLOSURE, WITH NO PROTRUDING EDGES. RE: DETAILS. DEVICE(S): UPSTAGE INPUT / OUTPUT PLATES.		X
3	ENCLOSURE: EXISTING SURFACE-MOUNTED ENCLOSURE. FIELD-VERIFY ENCLOSURE DIMENSIONS. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: EXISTING AT ORCHESTRA PIT. PANEL: REPLACE EXISTING WITH NEW. PLATE DIMENSIONS SHALL MATCH PERIMETER DIMENSIONS OF ENCLOSURE, WITH NO PROTRUDING EDGES. RE: DETAILS. DEVICE(S): ORCHESTRA PIT INPUT / OUTPUT PLATES.		X
4	ENCLOSURE: EXISTING SURFACE-MOUNTED ENCLOSURE. FIELD-VERIFY ENCLOSURE DIMENSIONS. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: EXISTING AT CATWALK. PANEL: REPLACE EXISTING WITH NEW. PLATE DIMENSIONS SHALL MATCH PERIMETER DIMENSIONS OF ENCLOSURE, WITH NO PROTRUDING EDGES. RE: DETAILS. DEVICE(S): CATWALK INPUT / OUTPUT PLATE.		
AL	ENCLOSURE: N/A. MOUNTING: MOUNT TO WALL ABOVE CONTROL BOOTH WINDOWS. PROVIDE WALL PENETRATION FOR CABLING ABOVE CONTROL BOOTH CEILING. PANEL: MANUFACTURER'S MOUNTING ADAPTOR BRACKET. DEVICE(S): ASSISTIVE LISTENING TRANSMITTING ANTENNA.		X
AP	ENCLOSURE: N/A. MOUNTING: MOUNT TO WALL ABOVE CONTROL BOOTH WINDOWS. PROVIDE WALL PENETRATION FOR CABLING ABOVE CONTROL BOOTH CEILING. PANEL: MANUFACTURER'S MOUNTING ADAPTOR BRACKET. DEVICE(S): DEDICATED AV SYSTEM WIRELESS ACCESS POINT.		X
CA	ENCLOSURE: N/A. MOUNTING: MOUNT TO WALL ABOVE CONTROL BOOTH WINDOWS. PROVIDE WALL PENETRATION FOR CABLING ABOVE CONTROL BOOTH CEILING. PANEL: MANUFACTURER'S MOUNTING ADAPTOR BRACKET. DEVICE(S): PTZ VIDEO CAMERA.		X
EX CX	ENCLOSURE: EXISTING. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: EXISTING. PANEL: MANUFACTURER'S 2-GANG PLATE. DEVICE(S): EXISTING VIDEO ENCODER WALL PLATE WITH HDMI INPUT.		X
CX	ENCLOSURE: FSR, INC. SMWB-2G-BLK 2-GANG SURFACE MOUNT WALL BOX. MOUNTING: SURFACE MOUNT AT 4'-0" A.F.F. PANEL: MANUFACTURER'S 2-GANG PLATE. DEVICE(S): VIDEO ENCODER WALL PLATE WITH HDMI INPUT.		X
FB1	ENCLOSURE: EXISTING ACE BACKSTAGE SUPER POCKET FLOOR BOX. FIELD-VERIFY EXACT LOCATION. MOUNTING: EXISTING AT AUDITORIUM CROSS-AISLE FLOOR. PANEL: REPLACE EXISTING WITH NEW ACE BACKSTAGE #PNL-120, CONFIGURED AS SHOWN. PROVIDE BLANK ACE BACKSTAGE PANEL AT UNOCCUPIED HALF OF FLOOR BOX. RE: DETAILS. DEVICE(S): HOUSE CROSS-AISLE AV FLOOR BOX.	EXISTING	X
FB2	ENCLOSURE: EXISTING ACE BACKSTAGE FULL POCKET FLOOR BOX. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: EXISTING AT AUDITORIUM STAGE FLOOR. PANEL: REPLACE EXISTING WITH NEW ACE BACKSTAGE #PNL-120, CONFIGURED AS SHOWN. RE: DETAILS. DEVICE(S): STAGE AV FLOOR BOX.		
1 IC	ENCLOSURE: EXISTING 1-GANG BOX. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: EXISTING. PANEL: REPLACE EXISTING WITH NEW 1-GANG CUSTOM PLATE. RE: DETAILS. DEVICE(S): 2 X 6-PIN PRODUCTION INTERCOM JACKS.		
2 IC	ENCLOSURE: EXISTING 2-GANG BOX. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: EXISTING. PANEL: REPLACE EXISTING WITH NEW 2-GANG CUSTOM PLATE. RE: DETAILS. DEVICE(S): 2 X 6-PIN PRODUCTION INTERCOM JACKS.		
J	ENCLOSURE: 12"X12"X4" NEMA TYPE 1 JUNCTION BOX WITH SCREW COVER. MOUNTING: FIELD-COORDINATE MOUNTING LOCATION. PANEL: SCREW COVER. DEVICE(S): CABLING JUNCTION BOX.		
S1	ENCLOSURE: CONDUIT PASS-THROUGH. MOUNTING: PENETRATE WALL AT 12'-4" ABOVE STAGE LEVEL. PANEL: N/A. PROVIDE CONDUIT BUSHINGS AT ALL CONDUIT ENDS. DEVICE(S): ACTIVE COLUMN ARRAY LOUDSPEAKERS. MOUNT WITH BOTTOM OF LOWER LOUDSPEAKER AT 12'-0" ABOVE STAGE FLOOR.	X	X
S2	ENCLOSURE: EXISTING. UTILIZE EXISTING PATHWAYS. MOUNTING: FIELD-VERIFY LOCATIONS OF EXISTING PATHWAYS. PANEL: N/A. DEVICE(S): SUSPENDED 8" DOWNFILL LOUDSPEAKER.		
S3	ENCLOSURE: N/A. MOUNTING: FLUSH MOUNT AT EXISTING WALL OPENINGS. MODIFY OPENING DIMENSIONS TO ACCOMMODATE NEW LOUDSPEAKER. PANEL: MANUFACTURER'S GRILLE. PAINT GRILLE AND FLANGE A COLOR SELECTED BY THE ARCHITECT. USE MANUFACTURER'S PAINT SHEILD AND PROTECT ALL LOUDSPEAKER COMPONENTS DURING PAINTING. DEVICE(S): FRONT FILL LOUDSPEAKERS.		
S4	ENCLOSURE: ELECTROVOICE EVID-C6.2-G2 LOUDSPEAKER ASSEMBLY. MOUNTING: RECESS IN CEILING. PANEL: MANUFACTURER'S GRILLE. DEVICE(S): ELECTROVOICE EVID-C6.2-G2 6.5" 70V CEILING LOUDSPEAKER ASSEMBLY.		
S5	ENCLOSURE: EXISTING. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: EXISTING. PANEL: PROVIDE COVER PLATE WITH GROMMET PASS-THROUGH. FIELD-VERIFY PLATE SIZE REQUIRED. DEVICE(S): SURFACE MOUNTED 8" 70V LOUDSPEAKER WITH WALL MOUNT.		
S6	ENCLOSURE: N/A. FREE-RUN CABLE AT ACCESSIBLE CEILING. MOUNTING: SURFACE MOUNT TIGHT TO CEILING. PANEL: N/A. DEVICE(S): SURFACE MOUNTED 8" 70V LOUDSPEAKER WITH WALL MOUNT.		
SB	ENCLOSURE: EXISTING. UTILIZE EXISTING PATHWAYS. MOUNTING: EXISTING. PANEL: N/A. DEVICE(S): SUSPENDED DUAL 15" SUBWOOFER		
SCREEN	ENCLOSURE: EXISTING. MOUNTING: EXISTING. PANEL: N/A. DEVICE(S): EXISTING ONSTAGE MOTORIZED PROJECTION SCREEN.	EXISTING	
A TV	ENCLOSURE: RACO 650 SHALLOW 1-GANG WALL BOX. MOUNT IN HORIZONTAL ORIENTATION. MOUNTING: SURFACE MOUNT AT 9'-4" A.F.F. PANEL: FSR, INC. SS-BRSH-BLK BRUSH PASS-THROUGH MODULE. PROVIDE MATCHING 1-GANG DECORA COVER PLATE. DEVICE(S): 55" FLAT PANEL DISPLAY WITH ARTICULATING WALL MOUNT AT STAGE. MOUNT WITH DISPLAY CENTERED AT 6'-0" A.F.F.	X	X
B TV	ENCLOSURE: RACO 650 SHALLOW 1-GANG WALL BOX. MOUNT IN HORIZONTAL ORIENTATION. MOUNTING: SURFACE MOUNT AT 8'-0" A.F.F. PANEL: FSR, INC. SS-BRSH-BLK BRUSH PASS-THROUGH MODULE. PROVIDE MATCHING 1-GANG DECORA COVER PLATE. DEVICE(S): 43" FLAT PANEL DISPLAY WITH TILT WALL MOUNT AT DRESSING ROOMS. MOUNT WITH DISPLAY CENTERED AT 7'-0" A.F.F.	X	X
C TV	ENCLOSURE: RACO 650 SHALLOW 1-GANG WALL BOX. MOUNT IN HORIZONTAL ORIENTATION. MOUNTING: SURFACE MOUNT AT 7'-6" A.F.F. PANEL: FSR, INC. SS-BRSH-BLK BRUSH PASS-THROUGH MODULE. PROVIDE MATCHING 1-GANG DECORA COVER PLATE. DEVICE(S): 75" FLAT PANEL DISPLAY WITH TILT WALL MOUNT AT LOBBIES. MOUNT WITH DISPLAY CENTERED AT 6'-0" A.F.F.	X	X
D TV	ENCLOSURE: FSR, INC. SMWB-1G-BLK 1-GANG SURFACE MOUNT WALL BOX. MOUNTING: SURFACE MOUNT AT 4'-0" A.F.F. PANEL: FSR, INC. SS-BRSH-BLK BRUSH PASS-THROUGH MODULE. PROVIDE MATCHING 1-GANG DECORA COVER PLATE. DEVICE(S): DESK-MOUNTED 32" FLAT PANEL DISPLAY AT LIGHT BOOTH.	X	X
EX V	ENCLOSURE: EXISTING 2-GANG BOX. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: EXISTING. PANEL: 2-GANG MANUFACTURER PLATE. REPLACE OLD WITH NEW VOLUME CONTROL. DEVICE(S): VOLUME CONTROL (2-GANG).		
V	ENCLOSURE: FSR, INC. SMWB-1G-BLK 1-GANG SURFACE MOUNT WALL BOX. MOUNTING: SURFACE MOUNT AT 4'-0" A.F.F. PANEL: 1-GANG MANUFACTURER PLATE. DEVICE(S): VOLUME CONTROL (1-GANG).		
VP	ENCLOSURE: EXISTING. MOUNTING: EXISTING. PANEL: EXISTING. DEVICE(S): EXISTING WALL-MOUNTED VIDEO PROJECTOR.	EXISTING	X
A WC	ENCLOSURE: FSR, INC. SMWB-2G-BLK 2-GANG SURFACE MOUNT WALL BOX. MOUNTING: SURFACE MOUNT AT 10'-0" A.F.F. PANEL: 2-GANG CUSTOM PLATE. RE: DETAILS. PROVIDE ATLAS SOUND AD-11BE MIC FLANGE (BLACK), AD-7B EXTENSION TUBE (FIELD-PAINT BLACK). DEVICE(S): WIRELESS INTERCOM TRANSCEIVER ANTENNA.		X
B WC	ENCLOSURE: N/A. MOUNTING: SURFACE MOUNT AT 13'-10" ABOVE SECOND LEVEL. PANEL: ATLAS SOUND AD-11BE MIC FLANGE (BLACK), AD-7B EXTENSION TUBE (FIELD-PAINT BLACK). DEVICE(S): WIRELESS INTERCOM TRANSCEIVER ANTENNA.		X
A WL	ENCLOSURE: N/A. MOUNTING: SURFACE MOUNT AT 12'-6" A.F.F. PANEL: ATLAS SOUND AD-11BE MIC FLANGE (BLACK), AD-7B EXTENSION TUBE (FIELD-PAINT BLACK) AND AD14BE RIGHT-ANGLE EXTENSION TUBE (BLACK). DEVICE(S): ACTIVE DIRECTIONAL WIRELESS MICROPHONE ANTENNA.		
B WL	ENCLOSURE: FSR, INC. SMWB-2G-BLK 2-GANG SURFACE MOUNT WALL BOX. MOUNTING: SURFACE MOUNT AT 10'-0" A.F.F. PANEL: 2-GANG CUSTOM PLATE. DEVICE(S): PASSIVE 1/2-WAVE OMNI-DIRECTIONAL WIRELESS MICROPHONE ANTENNA.		
ER	ENCLOSURE: EXISTING FLOOR-MOUNTED EQUIPMENT RACK. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: FLOOR - EXISTING. PANEL: STANDARD 19" RACK PANEL EQUIPMENT, BY DIV. 274115. PROVIDE BLANK PANELS FOR ALL UNPOPULATED RACK SPACES. DEVICE(S): MAIN AUDIOVISUAL EQUIPMENT RACK.	EXISTING	X
AR	ENCLOSURE: EXISTING FLOOR-MOUNTED EQUIPMENT RACK. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: FLOOR - EXISTING. PANEL: STANDARD 19" RACK PANEL EQUIPMENT, BY DIV. 274115. PROVIDE BLANK PANELS FOR ALL UNPOPULATED RACK SPACES. DEVICE(S): AMPLIFIER RACK.	EXISTING	X
SR	ENCLOSURE: EXISTING FLOOR-MOUNTED EQUIPMENT RACK. FIELD-VERIFY EXACT LOCATIONS. MOUNTING: FLOOR - EXISTING. PANEL: STANDARD 19" RACK PANEL EQUIPMENT, BY DIV. 274115. PROVIDE BLANK PANELS FOR ALL UNPOPULATED RACK SPACES. DEVICE(S): STAGE EQUIPMENT RACK.	EXISTING	X
DR	ENCLOSURE: DESK-MOUNTED EQUIPMENT RACK. MOUNTING: DESKTOP. PANEL: STANDARD 19" RACK PANEL EQUIPMENT, BY DIV. 274115. PROVIDE BLANK PANELS FOR ALL UNPOPULATED RACK SPACES. DEVICE(S): DESKTOP EQUIPMENT RACK. RE: SECTION 274115 FOR MODEL / SIZE AND CONFIGURATION OPTIONS REQUIRED.	EXISTING	
	CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE.		

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics. Sound Reinforcement. and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

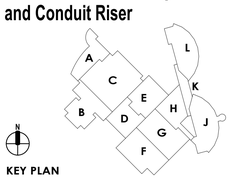
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Device Legend and Conduit Riser



KEY PLAN

ISSUE DATES

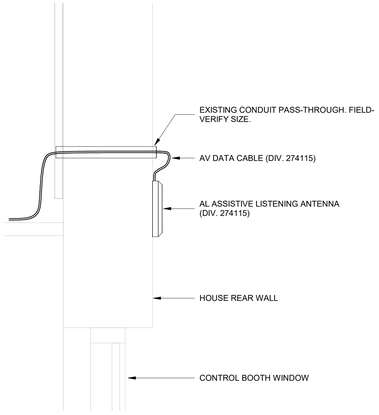
DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN BIH
CHECKED REB
APPROVED

PROJECT NO.
25026D

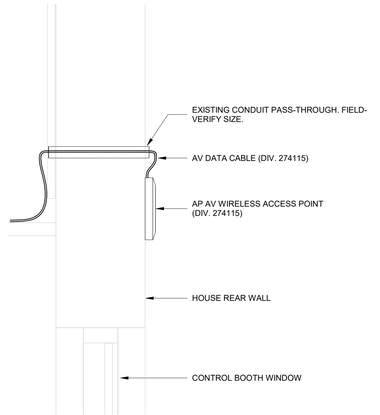
DRAWING NO.
AV0.02

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:20 AM



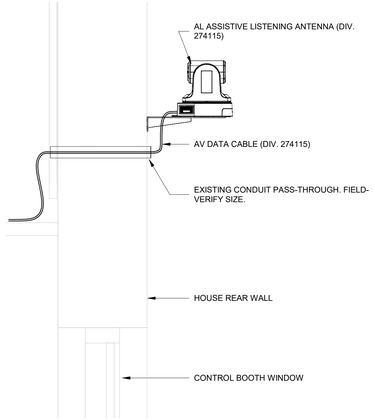
1 DETAIL - TYPE AL ASSISTIVE LISTENING ANTENNA

SCALE: 1 1/2" = 1'-0"



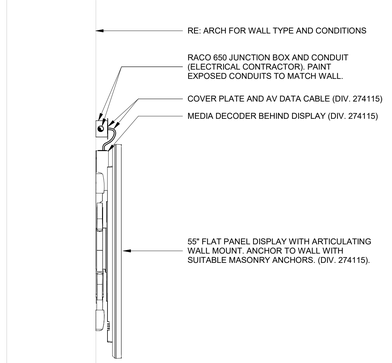
2 DETAIL - TYPE AP AV ACCESS POINT

SCALE: 1 1/2" = 1'-0"



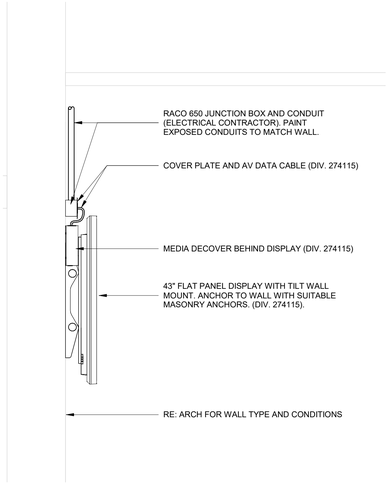
3 DETAIL - TYPE CA VIDEO CAMERA

SCALE: 1 1/2" = 1'-0"



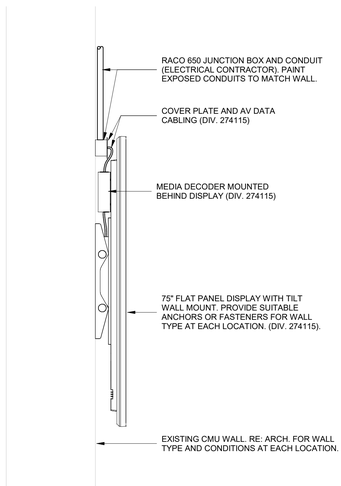
4 DETAIL - TYPE TV-A DISPLAY

SCALE: 1 1/2" = 1'-0"



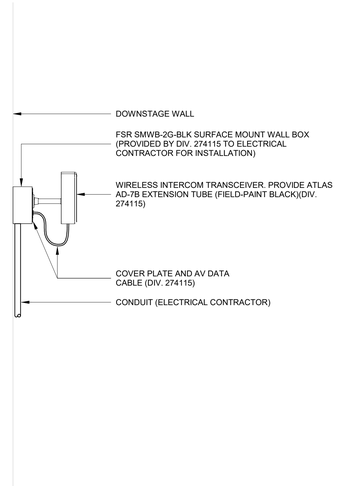
5 DETAIL - TYPE TV-B DISPLAY

SCALE: 1 1/2" = 1'-0"



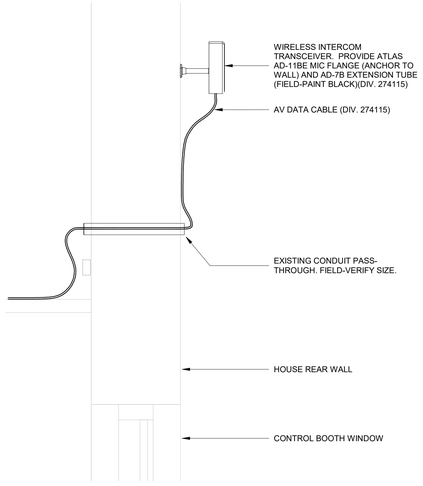
6 DETAIL - TYPE TV-C DISPLAY

SCALE: 1 1/2" = 1'-0"



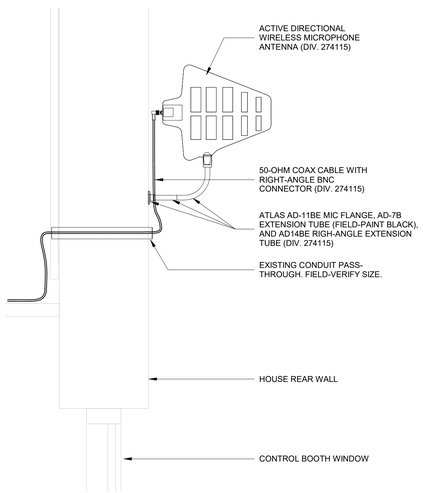
7 DETAIL - TYPE WC-A WIRELESS INTERCOM ANTENNA

SCALE: 1 1/2" = 1'-0"



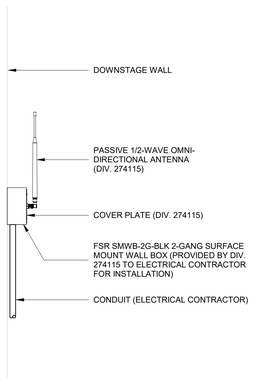
8 DETAIL - TYPE WC-B WIRELESS INTERCOM ANTENNA

SCALE: 1 1/2" = 1'-0"



9 DETAIL - TYPE WL-A WIRELESS MIC ANTENNA

SCALE: 1 1/2" = 1'-0"



10 DETAIL - TYPE WL-B WIRELESS MIC ANTENNA

SCALE: 1 1/2" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

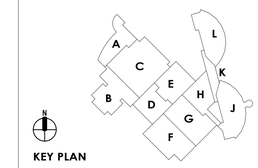
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Details



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

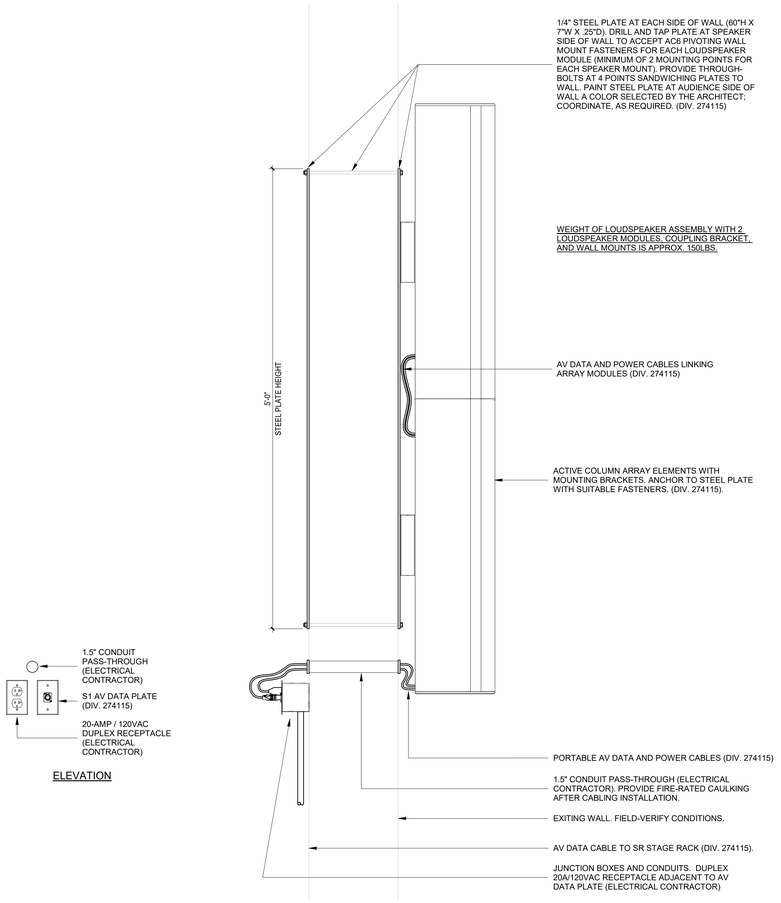
PROJECT NO.

25026D

DRAWING NO.

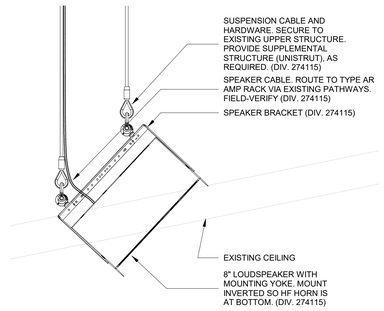
AV0.03

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:23 AM



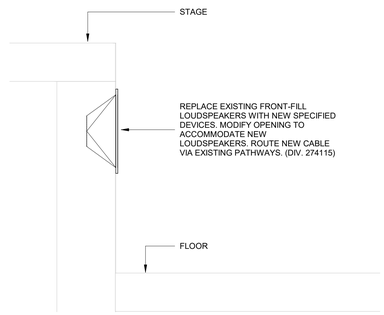
1 DETAIL - TYPE S1 LOUDSPEAKER

SCALE: 1 1/2" = 1'-0"



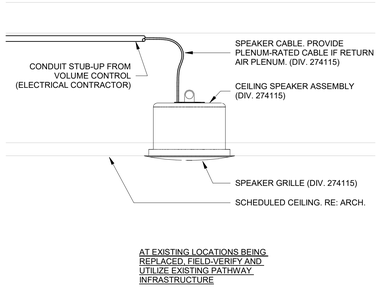
2 DETAIL - TYPE S2 LOUDSPEAKER

SCALE: 1 1/2" = 1'-0"



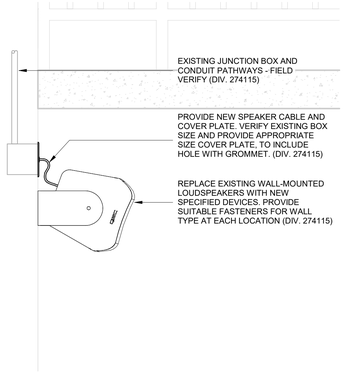
3 DETAIL - TYPE S3 LOUDSPEAKER

SCALE: 1 1/2" = 1'-0"



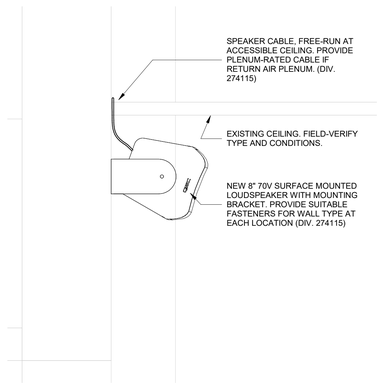
4 DETAIL - TYPE S4 LOUDSPEAKER

SCALE: 1 1/2" = 1'-0"



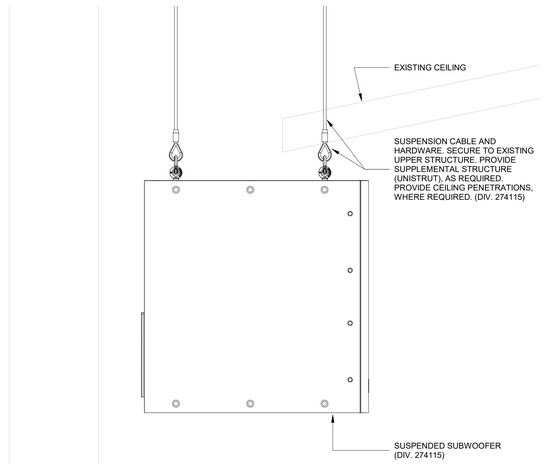
5 DETAIL - TYPE S5 LOUDSPEAKER

SCALE: 1 1/2" = 1'-0"



6 DETAIL - TYPE S6 LOUDSPEAKER

SCALE: 1 1/2" = 1'-0"



7 DETAIL - TYPE SB SUBWOOFER

SCALE: 1 1/2" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

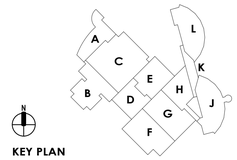
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Details



KEY PLAN

ISSUE DATES

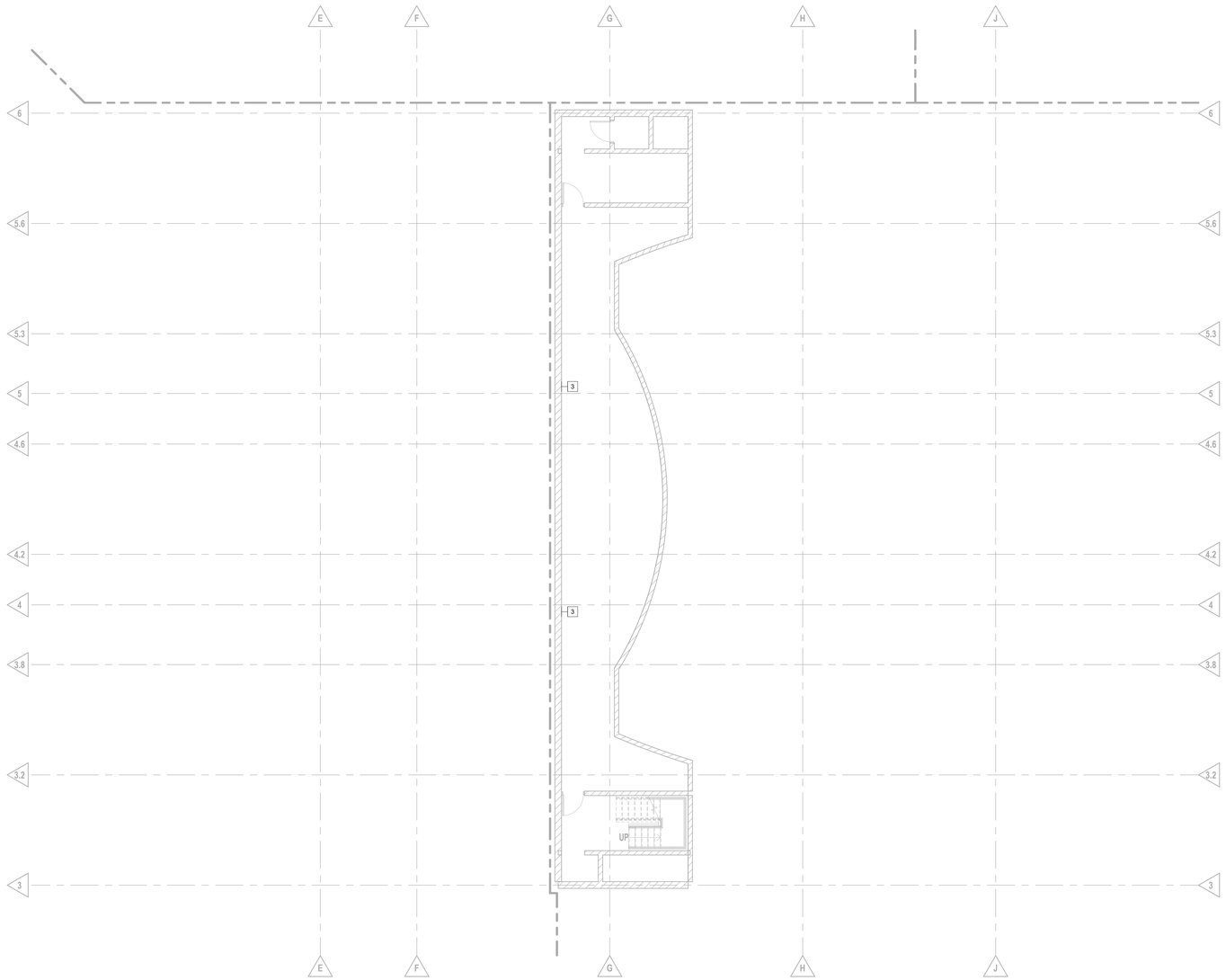
DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

PROJECT NO.
25026D

DRAWING NO.
AV0.04

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:25 AM



N

Orchestra Pit Audiovisual Floor Plan - Zone 'G'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

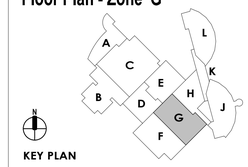
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Orchestra Pit Audiovisual Floor Plan - Zone 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

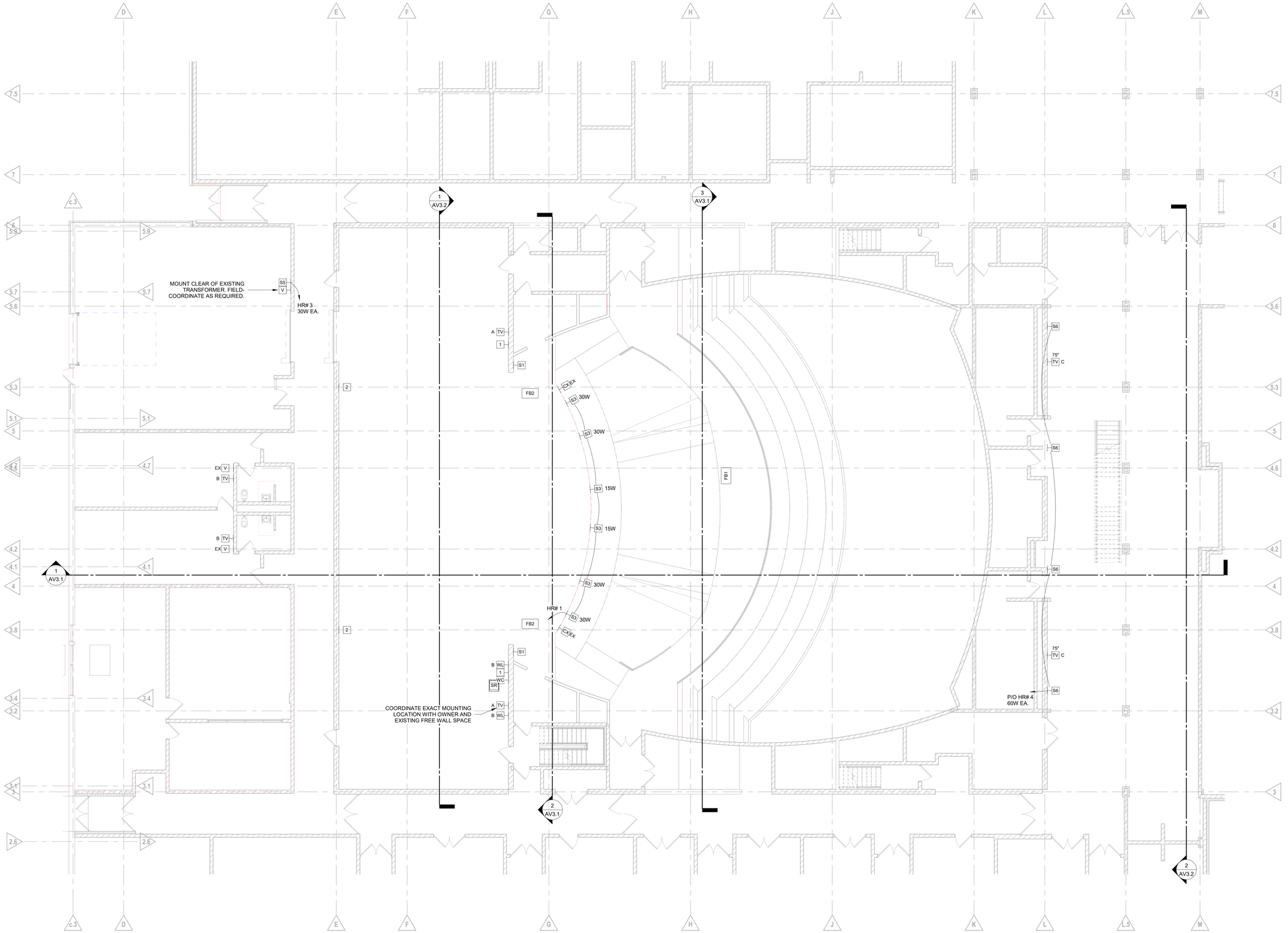
PROJECT NO.

25026D

DRAWING NO.

AV1.0G

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:25 AM



N

First Level Audiovisual Floor Plan - Zone 'G'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

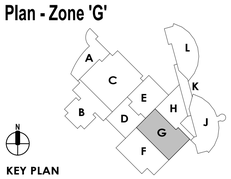
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Audiovisual Floor Plan - Zone 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

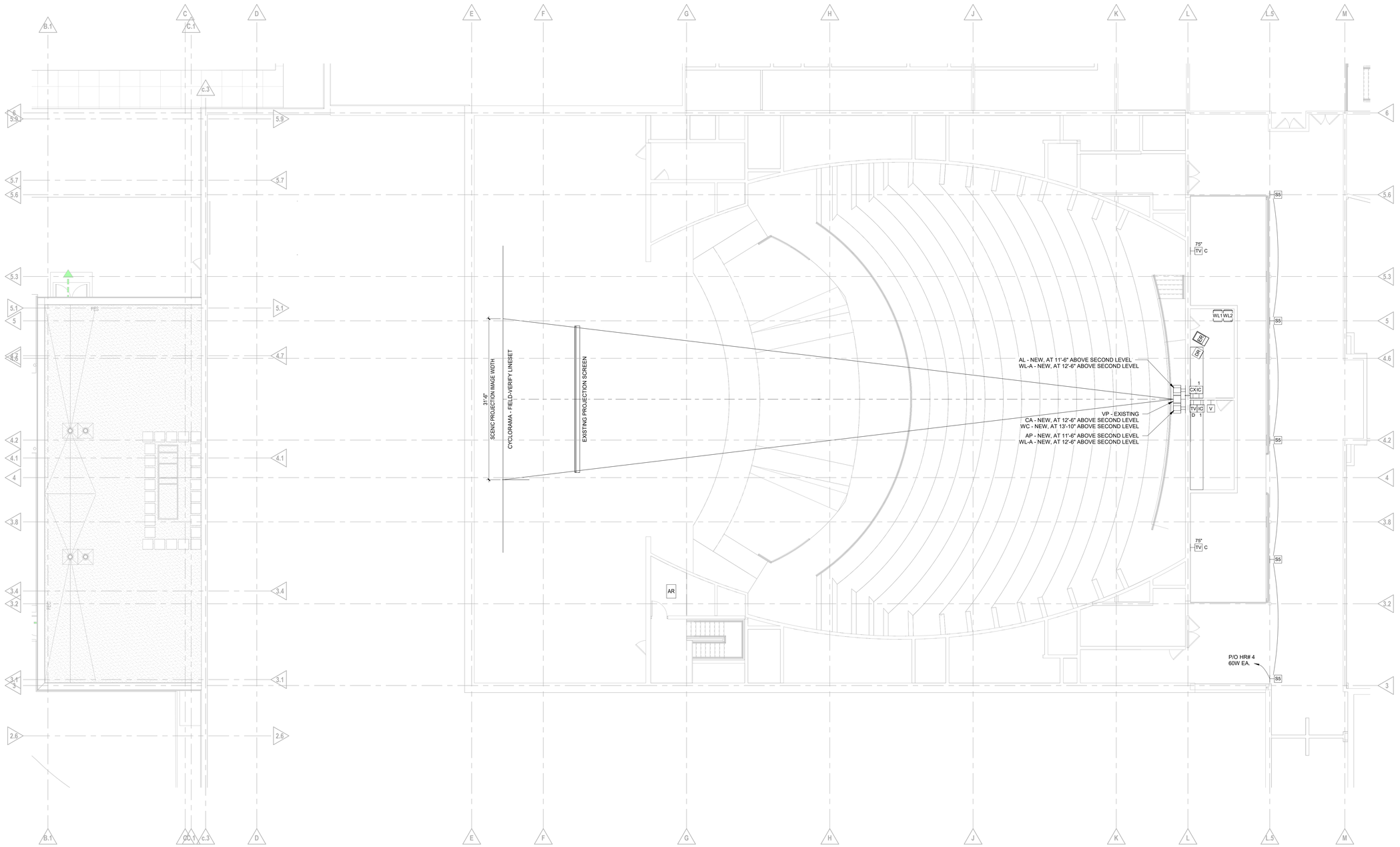
PROJECT NO.

25026D

DRAWING NO.

AV1.1G

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AVvR25.rvt
3/5/2026 8:54:26 AM



N

Second Level Audiovisual Floor Plan - Zone 'G'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

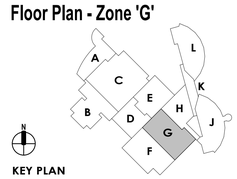
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Audiovisual Floor Plan - Zone 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

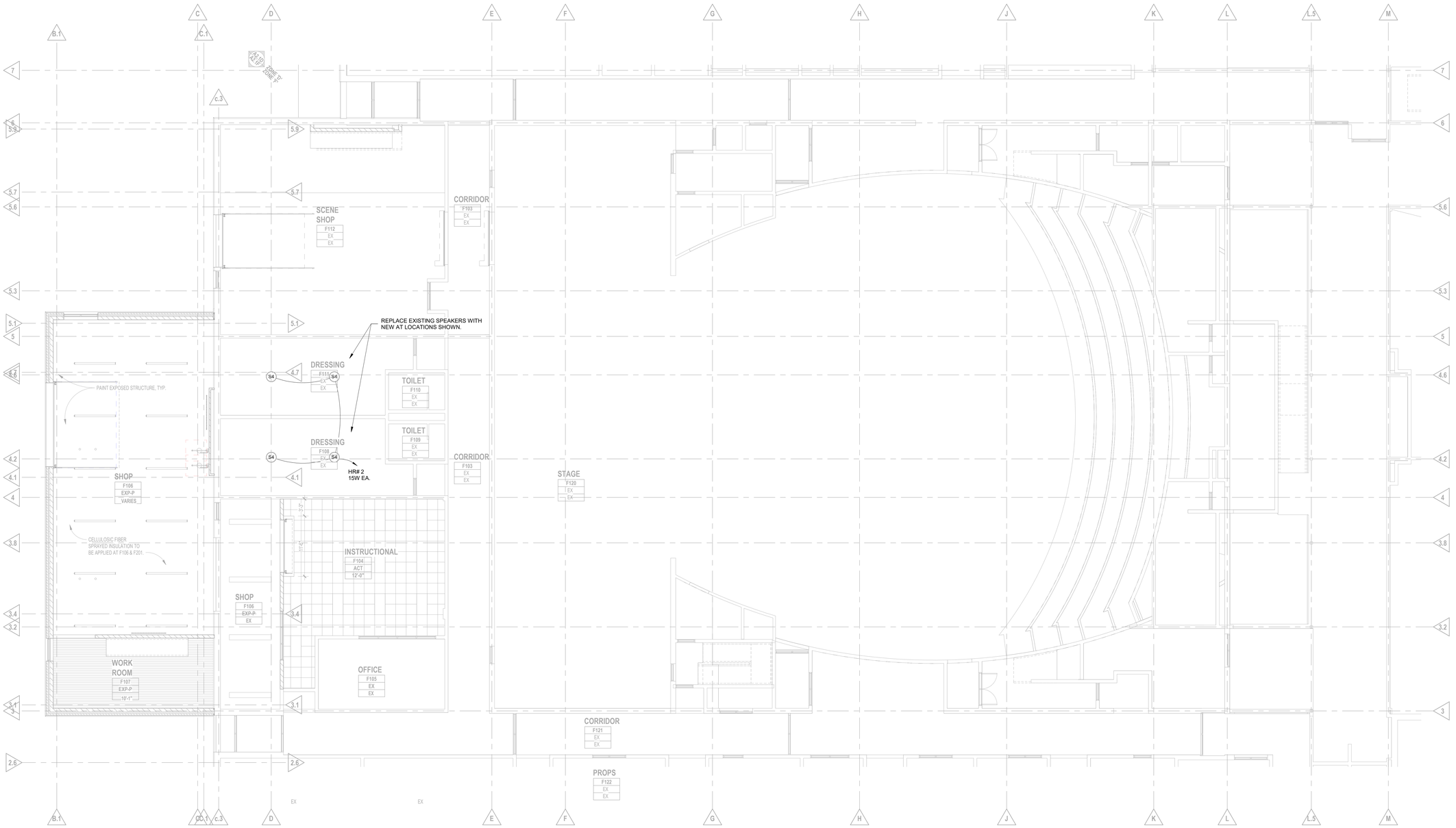
PROJECT NO.

25026D

DRAWING NO.

AV1.2G

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:28 AM



N

First Level Audiovisual Reflected Ceiling Plan - Zone 'G'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics. Sound Reinforcement. and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

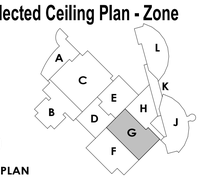
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Audiovisual Reflected Ceiling Plan - Zone 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

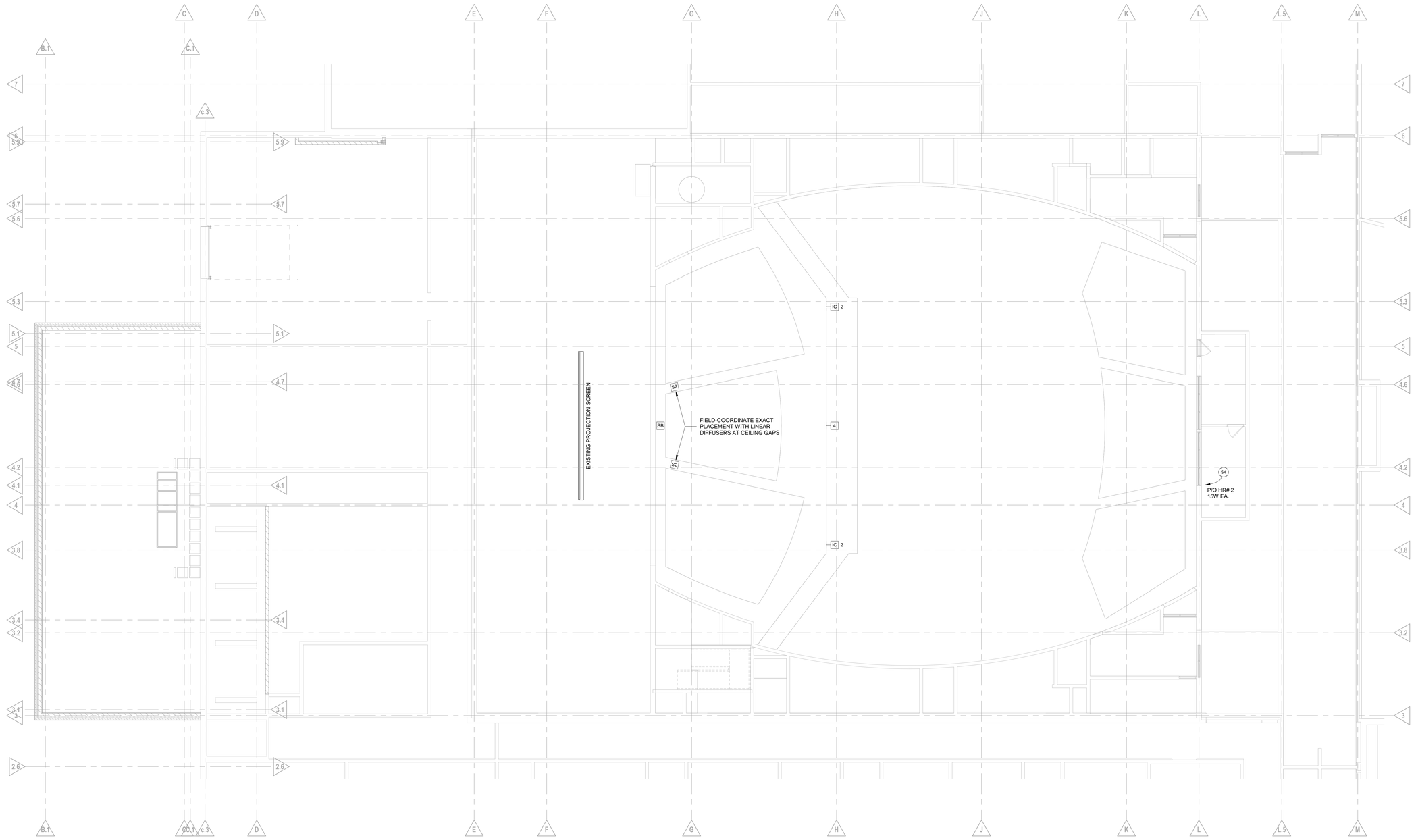
PROJECT NO.

25026D

DRAWING NO.

AV2.1G

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:29 AM



N

Second Level Audiovisual Reflected Ceiling Plan - Zone 'G'

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

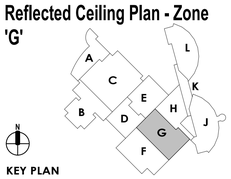
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Second Level Audiovisual Reflected Ceiling Plan - Zone 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

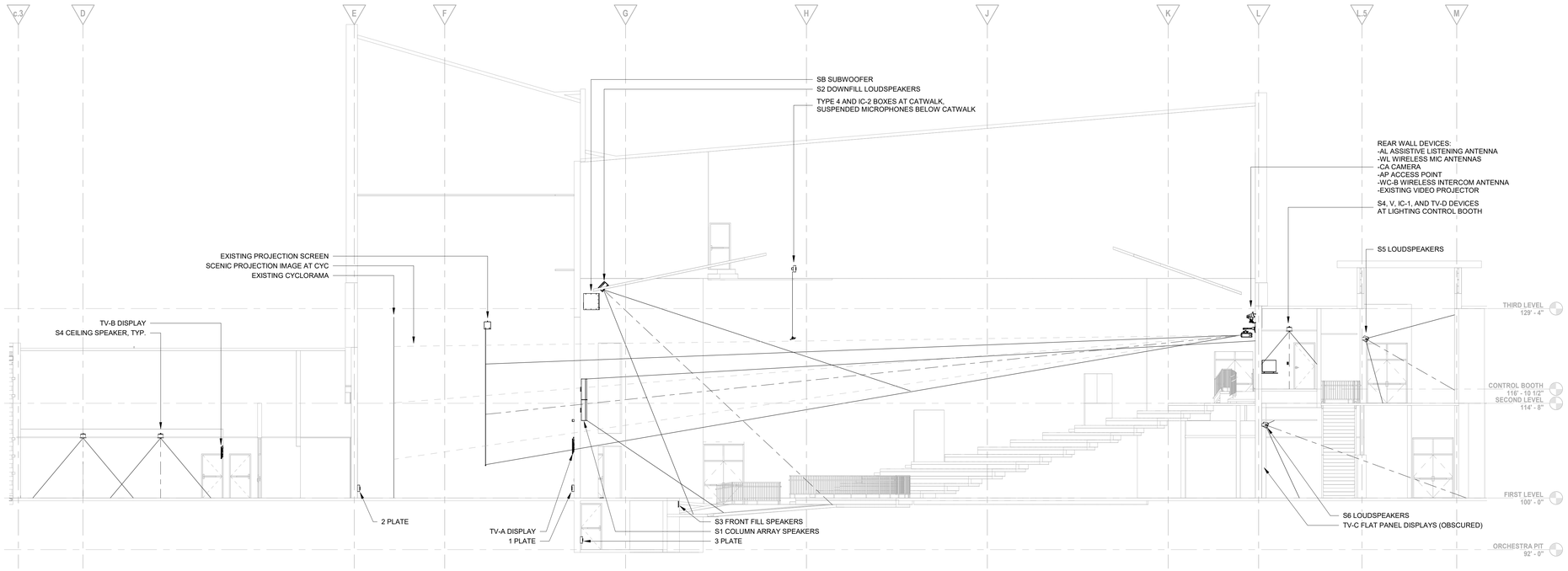
PROJECT NO.

25026D

DRAWING NO.

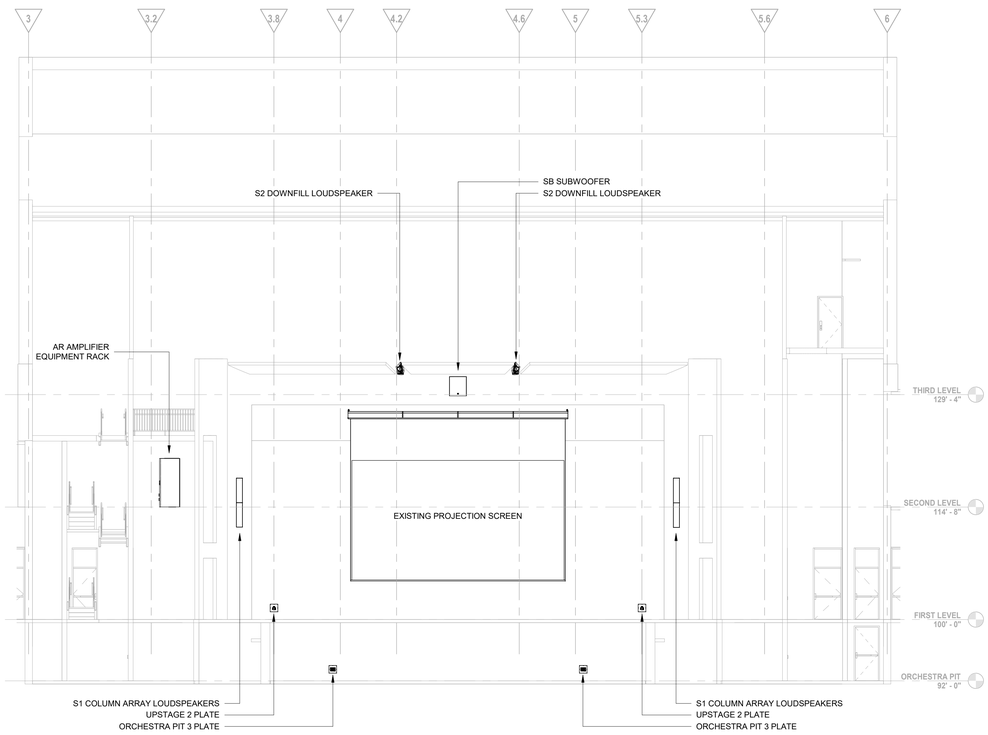
AV2.2G

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:29 AM



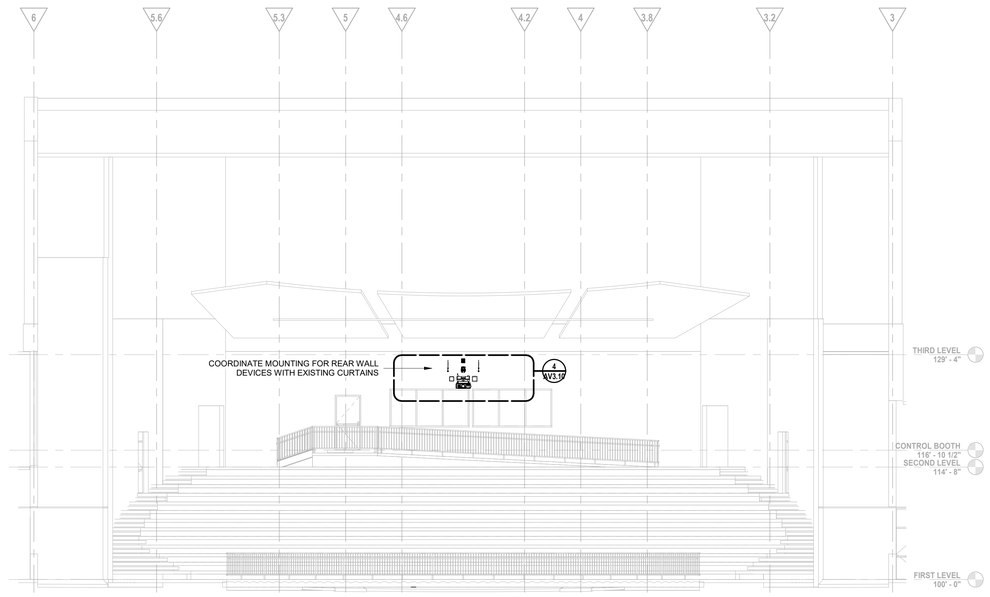
1 Audiovisual Section - Longitudinal

SCALE: 1/8" = 1'-0"



2 Audiovisual Section - Transverse

SCALE: 1/8" = 1'-0"



3 Audiovisual Section - House Rear

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

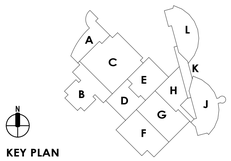
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Building Sections



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

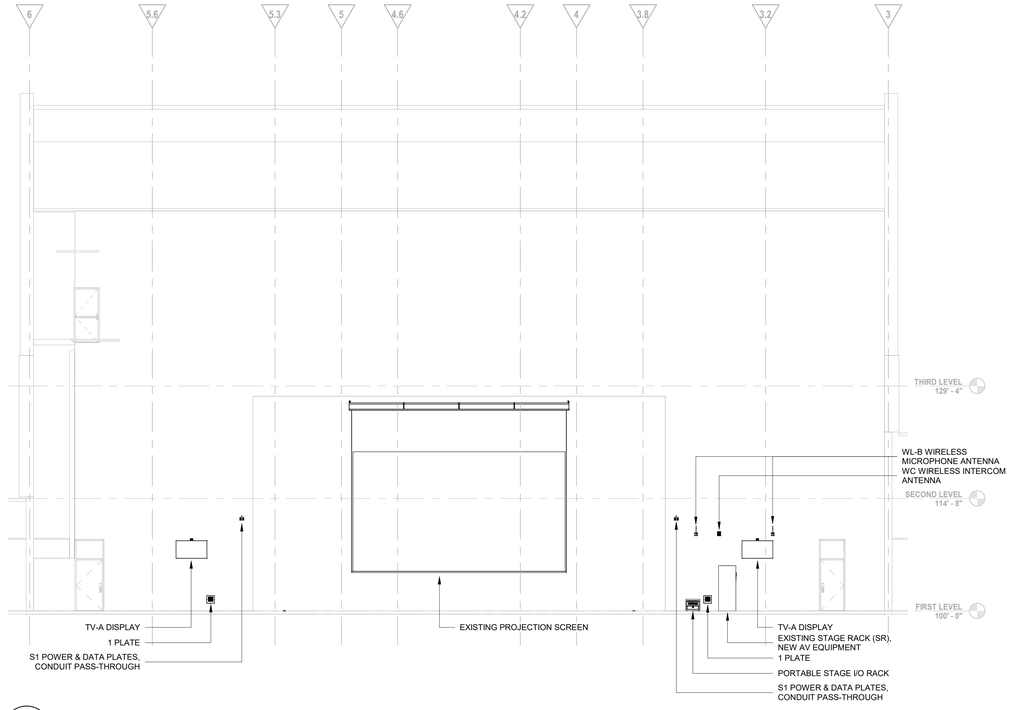
PROJECT NO.

25026D

DRAWING NO.

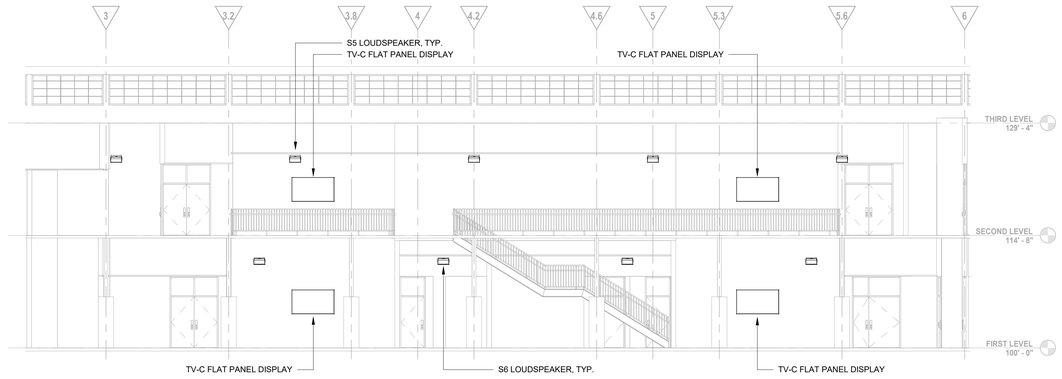
AV3.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:33 AM



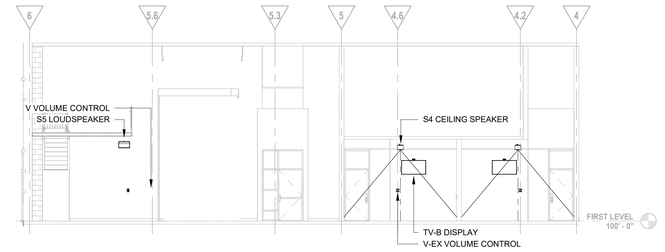
1 Audiovisual Section - Downstage Wall

SCALE: 1/8" = 1'-0"



2 Audiovisual Section - Lobby

SCALE: 1/8" = 1'-0"



3 Audiovisual Section - Dressing Rooms / Scene Shop

SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics. Sound Reinforcement. and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

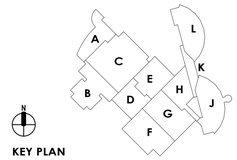
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Building Sections



KEY PLAN

ISSUE DATES

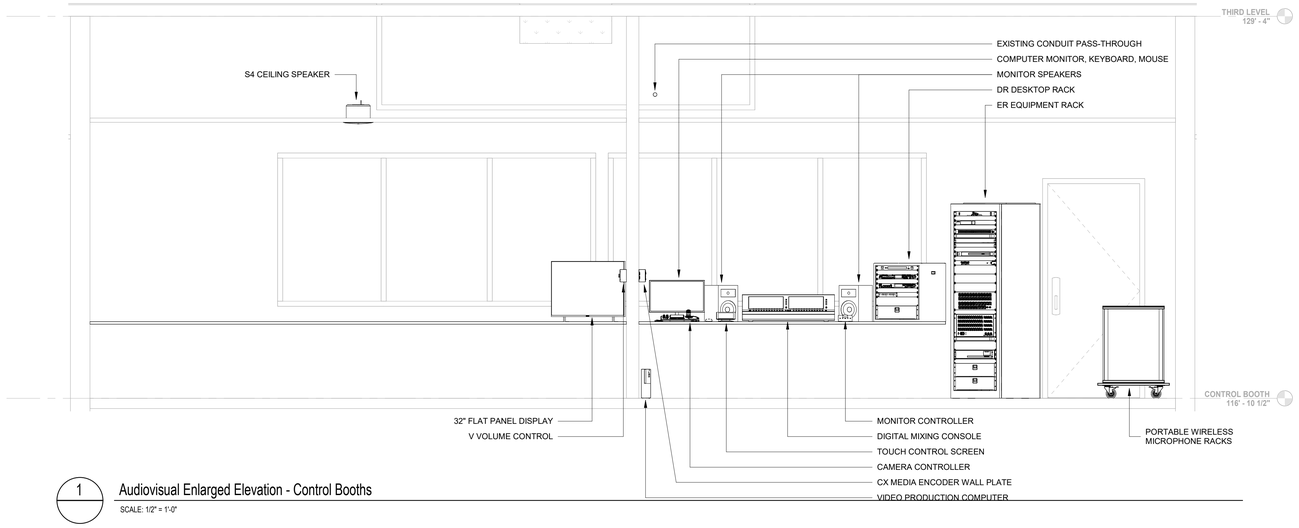
DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN BIH
CHECKED REB
APPROVED

PROJECT NO.
25026D

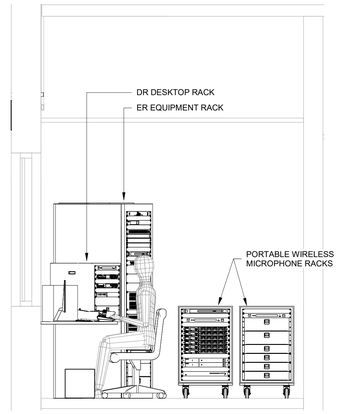
DRAWING NO.
AV3.2

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:35 AM



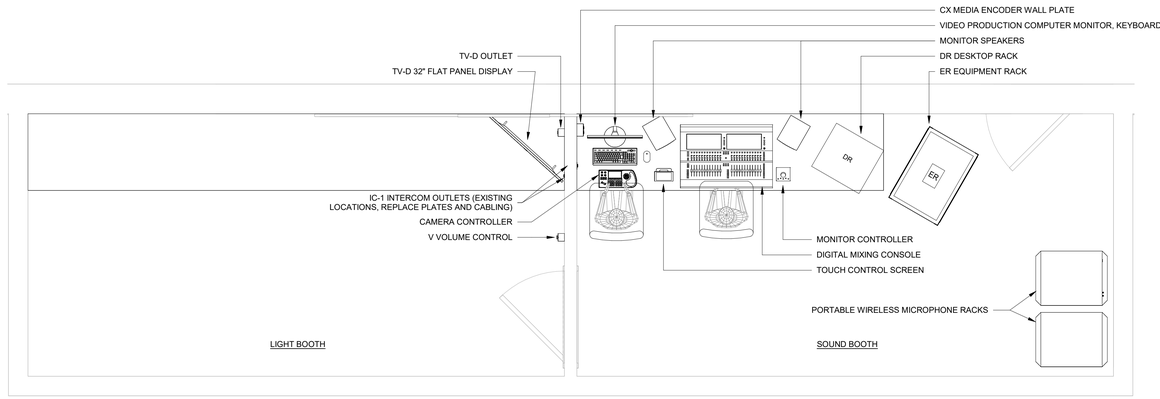
1 Audiovisual Enlarged Elevation - Control Booths

SCALE: 1/2" = 1'-0"



2 Audiovisual Enlarged Section - Control Booths

SCALE: 1/2" = 1'-0"



3 Enlarged Audiovisual Control Booth Plan

SCALE: 1/2" = 1'-0"

4 Audiovisual Enlarged Elevation - House Rear Wall

SCALE: 1/2" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

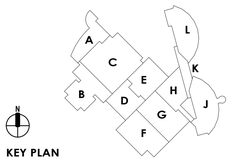
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Enlarged Audiovisual Views



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

PROJECT NO.

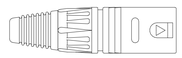
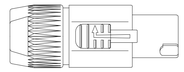
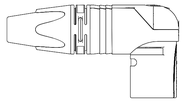
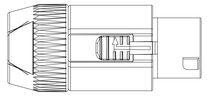
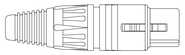
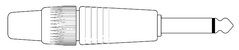
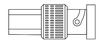
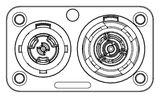
25026D

DRAWING NO.

AV3.10

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:39 AM

AUDIOVISUAL CONNECTOR LEGEND

	XLR FEMALE 3-PIN		CAT6A ETHERCON DATA JACK (AV-NET)		XLR MALE		SPEAKON 4-POLE
	XLR FEMALE 5-PIN		CAT6A DATA JACK (BUILDING DATA)		XLR MALE RIGHT ANGLE		SPEAKON 8-POLE
	XLR MALE 3-PIN		OPTICAL-CON DUA		XLR FEMALE		CAT6A ETHERCON DATA PLUG
	XLR MALE 6-PIN SWITCHCRAFT 6-PIN CONFIGURATION		HDMI		XLR MINI FEMALE		CAT6A DATA PLUG
	SPEAKON 4-POLE		USB-3		1/4" TRS		DB9
	SPEAKON 8-POLE		USB-C WITH 3' REAR PIGTAIL USB-C CABLE		1/4" TS		HDMI
	CABLE PASS-THROUGH GROMMET		POWERCON 20A INLET		RCA MALE		USB
	75-OHM BNC		POWERCON 20A OUTLET		TRS MINI MALE		BNC
	50-OHM BNC		POWERCON TRUE1-TOP 16A INLET		PHOENIX		FIBER OPTIC DUPLEX LC
	50-OHM TNC		POWERCON TRUE1-TOP 16A OUTLET				FIBER OPTIC SIMPLEX SC
	NEUTRIK "D" SIZE BLANK COVER		POWERCON TRUE1-TOP 16A COMBO				

AUDIOVISUAL DEVICE PLATE NOTES

1. AV CONTRACTOR SHALL FIELD-VERIFY AS-INSTALLED ENCLOSURE MODELS AND SIZES FOR ALL AUDIOVISUAL DEVICE LOCATIONS AND PROVIDE AV CONNECCTOR PLATES CORRESPONDING TO THOSE INSTALLED MODELS, SIZES, AND CONDITIONS.
2. AV CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND MAINTAIN FACTORY MOUNTING HOLE SPACING FOR ALL CUSTOM-MANUFACTURED INTERFACE PLATES.
3. AV CONTRACTOR SHALL COORDINATED WITH OTHER TRADES, AS REQUIRED, FOR DEVICE/SERVICE ALLOCATION AT LOCATIONS INDICATED.
4. REFER TO SPECIFICATION SECTION 274115 FOR SPECIFIC REQUIREMENTS.

DSP AND CONTROL SCREEN PROGRAMMING NOTES

A. THE SYSTEM SHALL BE PROGRAMMED SO THE DEFAULT OPERATING CONDITION IS AUTO-POPULATED UPON SYSTEM POWER-UP OR SYSTEM RE-BOOT.

B. INTERFACE WITH THE PRESENTATION AND CONTROL SYSTEM AND PROGRAM ASSOCIATED TOUCH CONTROL PANELS FOR USER CONTROL OF ALL PARAMETERS NECESSARY FOR SUCCESSFUL CONTROL AND OPERATION OF CONNECTED DEVICES IN THE SYSTEM. COORDINATE WITH THE OWNER'S REPRESENTATIVES AND THIS CONSULTANT ON DESIRED CONTROL PANEL FUNCTIONALITY AND GRAPHICAL USER INTERFACE AT EACH CONTROL PANEL LOCATION. THE INSTALLER SHALL ACCOMMODATE, AT NO ADDITIONAL COST, ONE (1) TOUCH CONTROL SCREEN PROGRAMMING REVISION POST-COMMISSIONING AND AFTER OWNER INITIAL USE OF THE SYSTEM TO INCORPORATE COMMENTS PERTAINING TO USER INTERFACE OPERATIONAL ADJUSTMENTS AND USER PREFERENCES.
   1. CONFIGURE FOR LEVELS, MUTES, AND ROUTING OF EACH INDIVIDUAL ANALOG AND DIGITAL SYSTEM INPUT ASSOCIATED WITH THE DEFAULT / ASSEMBLY AUDIO AND VIDEO SOURCES, TO INCLUDE THE FOLLOWING:
      a. DEFAULT / ASSEMBLY WIRED MICROPHONE INPUTS.
      b. DEFAULT / ASSEMBLY WIRELESS MICROPHONE INPUTS AT SR RACK.
      c. DEFAULT / ASSEMBLY CD / BT / MEDIA PLAYER AT SR RACK.
      d. DIGITAL AUDIO STREAMS ASSOCIATED WITH THE IP VIDEO DISTRIBUTION SYSTEM ENCODER AND DECODER DEVICES. UTILIZE SOFTWARE ROUTING VIA DANTE/AES67/MEDIA STREAM RECEIVERS AND TRANSMITTERS, WHERE REQUIRED.
   2. CONFIGURE TOUCH CONTROL PANELS FOR ASSIGNABLE ZONE AND GLOBAL ROUTING OF PAGING MICROPHONES.
   3. PROVIDE CAMERA PAN-TILT-ZOOM CONTROLS FOR EACH CAMERA IN THE SYSTEM. FOR EACH CAMERA, INCLUDE CONTROLS FOR RECALL OF 3 PRE-DEFINED PRESETS (COORDINATE WITH OWNER'S REPRESENTATIVES), AS WELL AS USER-CONFIGURABLE AND RECALLABLE PRESETS.
   4. PROVIDE INDEPENDENT ROUTING CONTROL ASSOCIATED WITH EACH VIDEO SOURCE AND RECEIVER IN THE SYSTEM, TO INCLUDE CAMERAS, VIDEO INPUT AND OUTPUT INTERFACE DEVICES, DIGITAL SIGNAGE PLAYERS, MEDIA ENCODERS AND DECODERS, TELEVISION DISPLAYS, VIDEO PROJECTORS, AND VIDEO BOARDS.
   5. PROVIDE SELECTIONS FOR VIDEO PROJECTOR LENS PRESETS TO ACCOMMODATE THE FOLLOWING:
      a. VIDEO PRESENTATION AT ONSTAGE MOTORIZED PRESENTATION PROJECTION SCREEN.
      b. SCENIC PROJECTION AT UPSTAGE CYCLORAMA.
   6. PROVIDE WIRELESS TABLET CONTROL OF THE FOLLOWING:
      a. DSP CONTROL VIA DSP MANUFACTURER'S WIRELESS TABLET CONTROL APP OR WEB SERVER, MIRRORING WIRED TOUCH CONTROL SCREEN CONFIGURATION AND FUNCTIONALITY.
      b. DIGITAL MIXING CONSOLE CONTROL VIA CONSOLE MANUFACTURER'S CONTROL APP.

C. AT LOCATIONS WHERE TOUCH CONTROL SCREENS ARE INTENDED TO BE THE MECHANISM BY WHICH SYSTEM POWER IS CONTROLLED, PROGRAM TOUCH CONTROL SCREENS FOR THIS FUNCTIONALITY, ENSURING ASSOCIATED DSP / CONTROL PROCESSOR AND NETWORK SWITCH DEVICES ARE POWERED FROM NON-SEQUENCED, NON-SWITCHED POWER OUTLETS.

D. WHERE ACTIVE/SELF-POWERED LOUDSPEAKERS ARE EMPLOYED, INCORPORATE IN POWER ON/OFF PRESET, SYSTEM OUTPUT MUTES (BOTH ANALOG AND DIGITAL OUTPUTS) AT POWER DOWN AND SYSTEM UN-MUTE AT SYSTEM POWER-UP WITH CONTROL DELAY PROGRAMMING SO ACTIVE LOUDSPEAKERS ARE UN-MUTED AFTER ALL OTHER EQUIPMENT SEQUENCING IS COMPLETE.

E. TERMINATE AND PROGRAM FIRE ALARM INTERFACE. THE SYSTEM SHALL BE PROGRAMMED TO MUTE ALL PROGRAM AUDIO UPON RECEIPT OF CONTROL SIGNAL FROM THE FIRE ALARM SYSTEM. COORDINATE WITH THE OWNER FOR LOCATION OF THIS FEED.

F. CONTRACTOR SHALL PROVIDE A REVIEW COPY OF THE PROGRAMMING FILE TO THE CONSULTANT FOR REVIEW AT THE LATEST FOUR (4) WEEKS PRIOR TO SCHEDULED COMMISSIONING TRIP.

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Connector Legend and System Notes

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

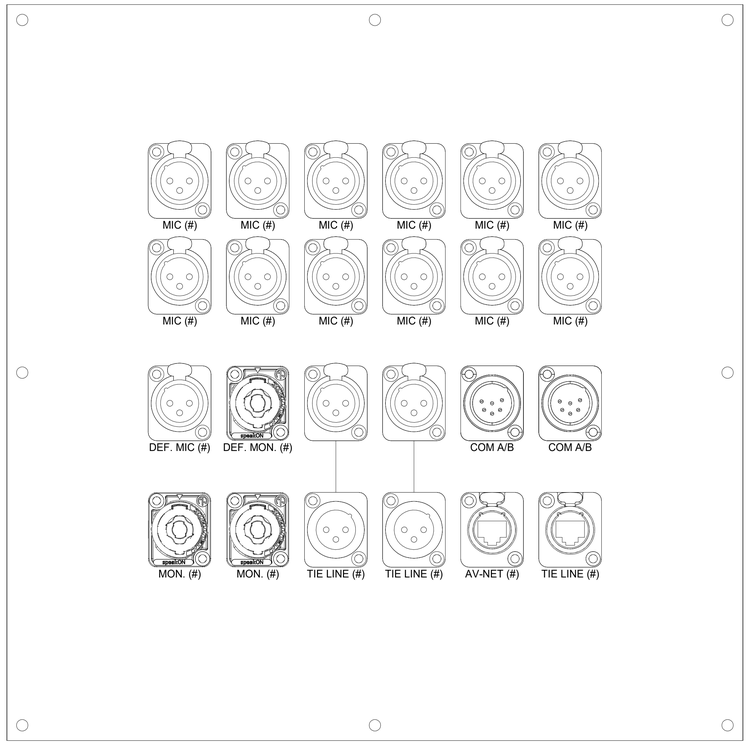
PROJECT NO.

25026D

DRAWING NO.

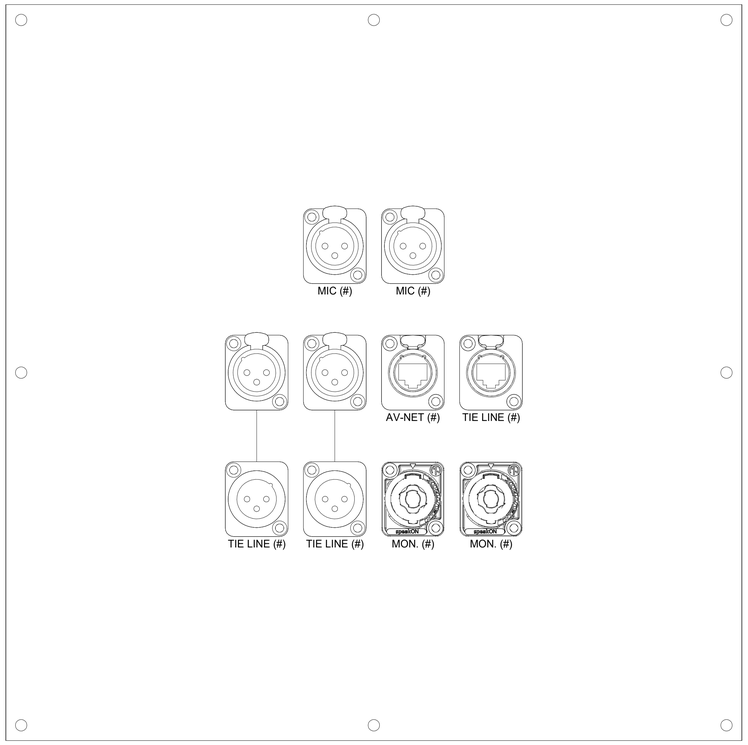
AV4.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:39 AM



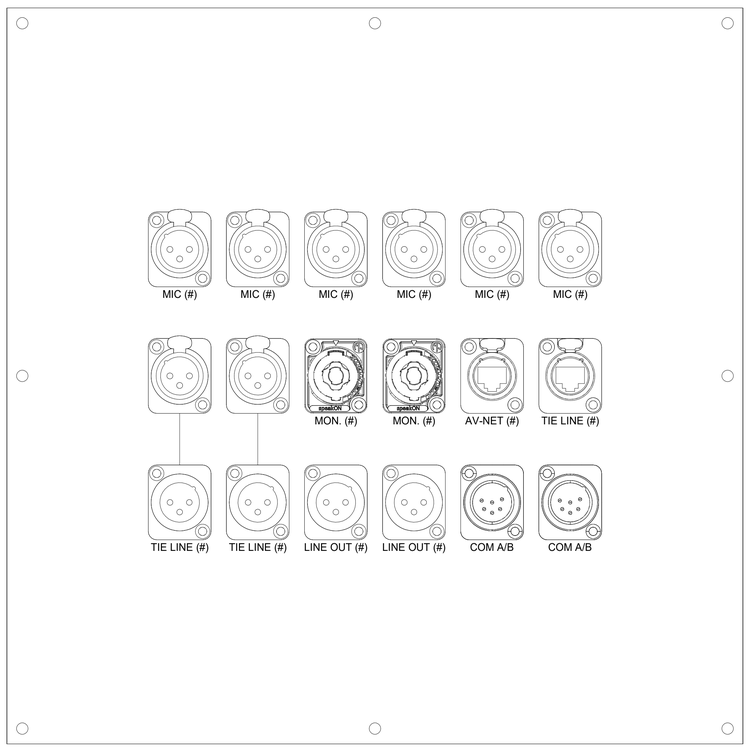
1 PLATE DETAIL - TYPE 1 I/O PLATE

SCALE: 12" = 1'-0"



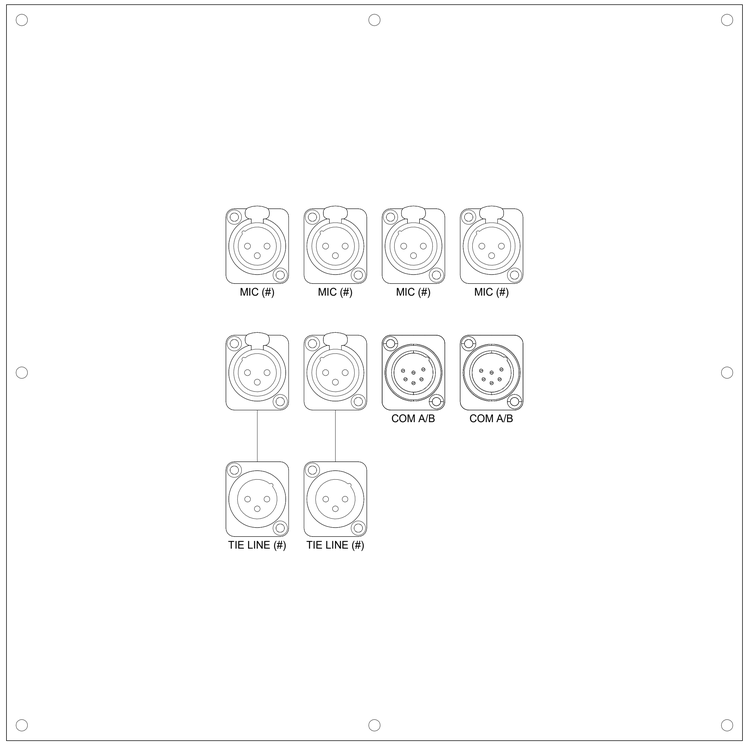
2 PLATE DETAIL - TYPE 2 I/O PLATE

SCALE: 12" = 1'-0"



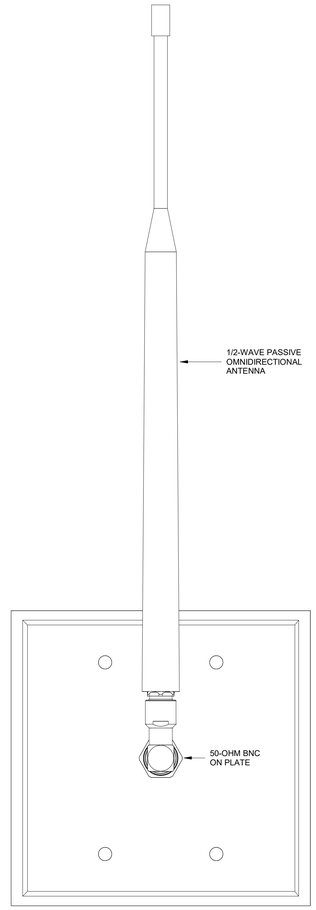
3 PLATE DETAIL - TYPE 3 I/O PLATE

SCALE: 12" = 1'-0"



4 PLATE DETAIL - TYPE 4 I/O PLATE

SCALE: 12" = 1'-0"



5 PLATE DETAIL - TYPE WL-B WIRELESS MIC ANTENNA

SCALE: 12" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

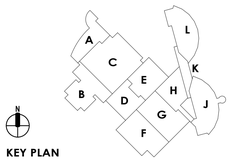
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Plate Details



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

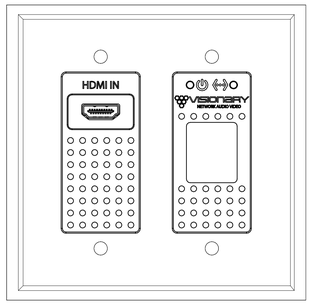
PROJECT NO.

25026D

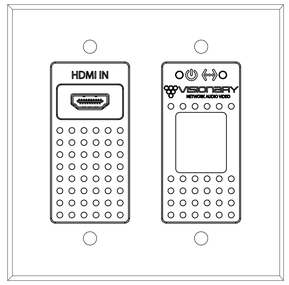
DRAWING NO.

AV4.2

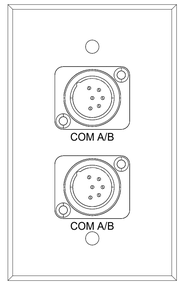
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:41 AM



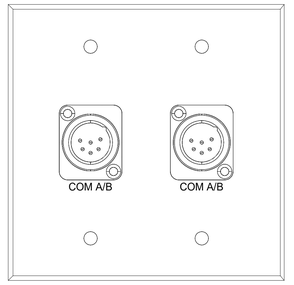
1 PLATE DETAIL - TYPE CX VIDEO ENCODER
SCALE: 12" = 1'-0"



2 PLATE DETAIL - TYPE CX-EX VIDEO ENCODER
SCALE: 12" = 1'-0"



3 PLATE DETAIL - TYPE IC-1 COM PLATE
SCALE: 12" = 1'-0"



4 PLATE DETAIL - TYPE IC-2 COM PLATE
SCALE: 12" = 1'-0"



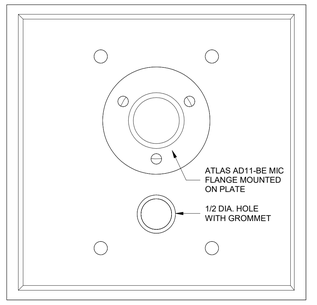
5 PLATE DETAIL - TYPE S1 LOUDSPEAKER
SCALE: 12" = 1'-0"



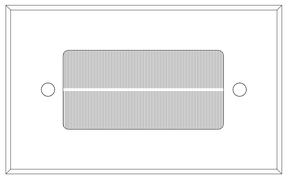
6 PLATE DETAIL - TYPE V VOLUME CONTROL
SCALE: 12" = 1'-0"



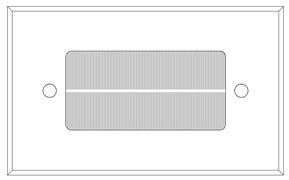
7 PLATE DETAIL - TYPE V-EX VOLUME CONTROL
SCALE: 12" = 1'-0"



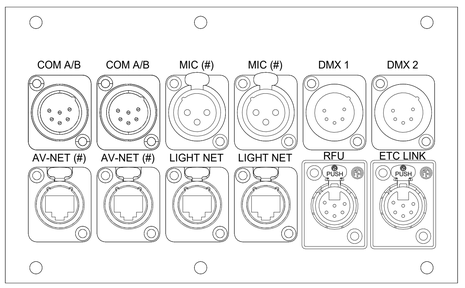
8 PLATE DETAIL - TYPE WC-A WIRELESS COM ANTENNA
SCALE: 12" = 1'-0"

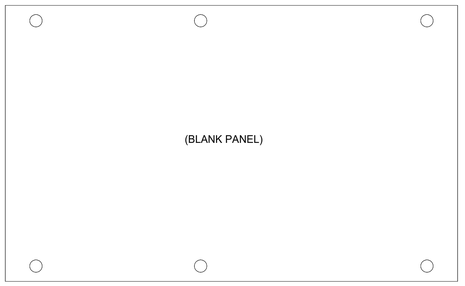


9 PLATE DETAIL - TYPE TV-A FLAT PANEL DISPLAY
SCALE: 12" = 1'-0"

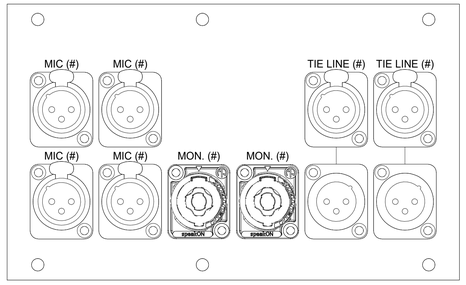


11 PLATE DETAIL - TYPE TV-C FLAT PANEL DISPLAY
SCALE: 12" = 1'-0"

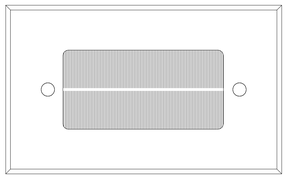




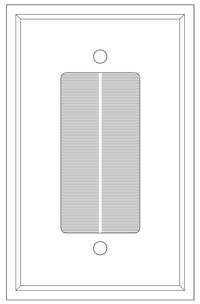
13 PLATE DETAIL - TYPE FB1 AV FLOOR BOX PLATES
SCALE: 12" = 1'-0"



14 PLATE DETAIL - TYPE FB2 AV FLOOR BOX PLATES
SCALE: 12" = 1'-0"



10 PLATE DETAIL - TYPE TV-B FLAT PANEL DISPLAY
SCALE: 12" = 1'-0"



12 PLATE DETAIL - TYPE TV-D FLAT PANEL DISPLAY
SCALE: 12" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

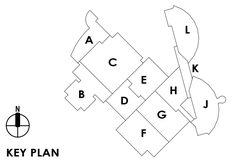
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Plate Details



KEY PLAN

ISSUE DATES

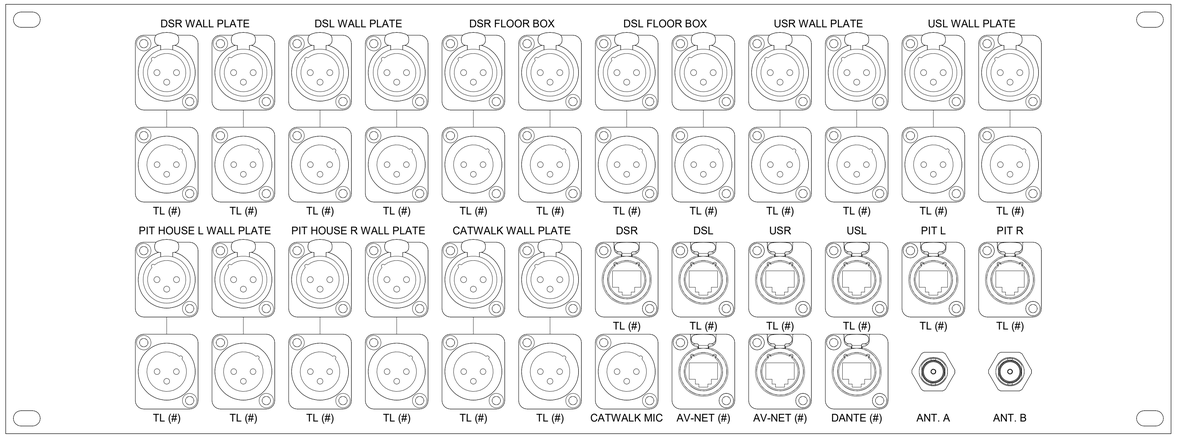
DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

PROJECT NO.
25026D

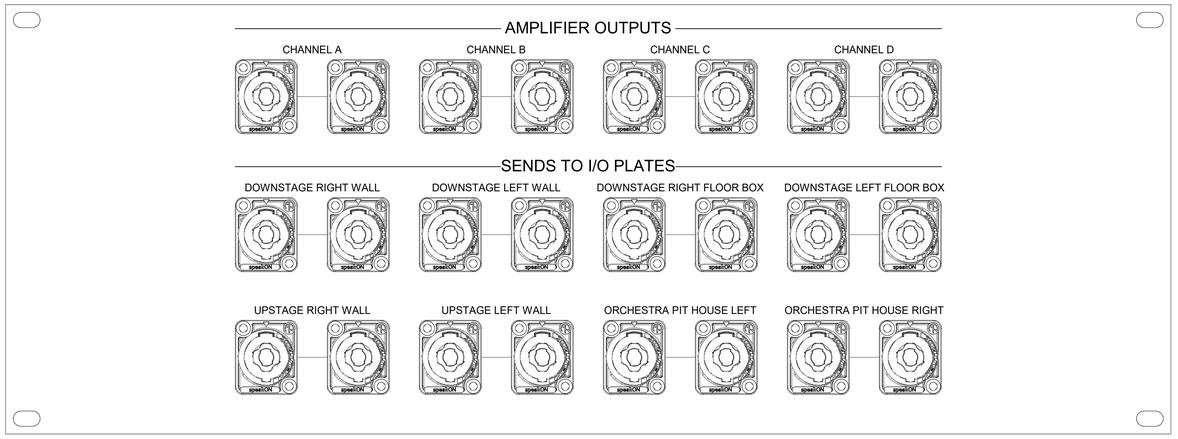
DRAWING NO.
AV4.3

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:42 AM



1 PLATE DETAIL - ER RACK TIE LINE RACK PLATE

SCALE: 12" = 1'-0"



2 PLATE DETAIL - AR RACK AMPLIFIER PATCH PANEL

SCALE: 12" = 1'-0"



3 PLATE DETAIL - WL1 RACK REAR I/O RACK PANEL

SCALE: 12" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

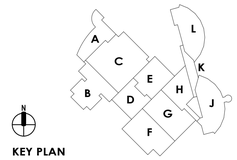
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Plate Details



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

PROJECT NO.

25026D

DRAWING NO.

AV4.4

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:45 AM



1 PLATE DETAIL - SR RACK PAGING / CONTROL RACK PLATE

SCALE: 12" = 1'-0"

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

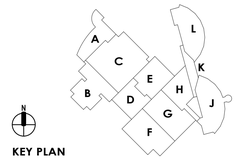
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Plate Details



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

PROJECT NO.

25026D

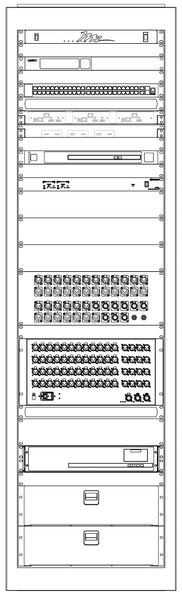
DRAWING NO.

AV4.5

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:45 AM

RACK NOTES:

AT ALL RACK LOCATIONS WITH FRONT DOORS, RECESS FRONT RACK RAILS SUFFICIENTLY TO ALLOW FRONT DOOR TO CLOSE AND LOCK, TO INCLUDE ALL REQUIRED CLEARANCES FROM RACK EQUIPMENT HANDLES AND FRONT PANEL CABLING TERMINATIONS.



POWER SEQUENCER CONTROLLER
BLANK PANEL
DIGITAL SIGNAL PROCESSOR (DSP)
BLANK PANEL
NETWORK SWITCH
BRUSH GROMMET PANEL
* MEDIA ENCODERS / DECODER
* NDI ENCODER / DECODERS
BLANK PANEL
POWER DISTRIBUTION
BLANK PANEL
PRODUCTION INTERCOM POWER SUPPLY

BLANK PANEL

BLANK PANEL

BLANK PANEL

TIE LINE PATCH PANEL
BLANK PANEL

STAGE I/O RACK
BRUSH GROMMET PANEL

BLANK PANEL

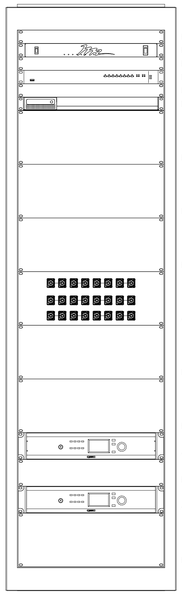
UPS
BLANK PANEL

RACK STORAGE DRAWER

RACK STORAGE DRAWER

* - RACKSHELF WITH FACEPLATE COVER

1 RACK ELEVATION - TYPE ER MAIN EQUIPMENT RACK
SCALE: 1 1/2" = 1'-0"



BLANK PANEL
POWER SEQUENCER CONTROLLER
BLANK PANEL
NETWORK SWITCH
BLANK PANEL
DSP CONTROL EXPANDER

BLANK PANEL

BLANK PANEL

BLANK PANEL

AMPLIFIER PATCH PANEL

BLANK PANEL

BLANK PANEL

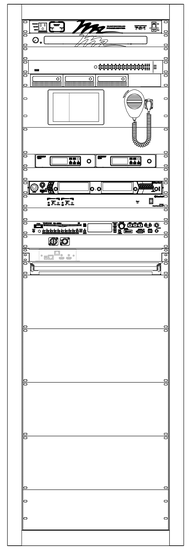
AUDIO POWER AMPLIFIER PA-01

BLANK PANEL

AUDIO POWER AMPLIFIER PA-02

BLANK PANEL

2 RACK ELEVATION - TYPE AR AMPLIFIER RACK
SCALE: 1 1/2" = 1'-0"



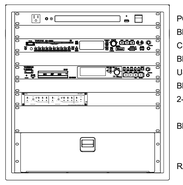
POWER SEQUENCER / DISTRIBUTION
RACK LIGHT
BLANK PANEL
NETWORK SWITCH
DSP INPUT AND CONTROL EXPANDERS

PAGING / CONTROL RACK PANEL

BLANK PANEL
WIRELESS MICROPHONE RECEIVERS
BLANK PANEL
PRODUCTION INTERCOM MAIN STATION
PRODUCTION INTERCOM POWER SUPPLY
BLANK PANEL
CD / BT / MEDIA PLAYER
VIDEO / AV DATA I/O RACK PANEL
* MEDIA ENCODER
SLIDING RACK SHELF

* - RACKSHELF WITH FACEPLATE COVER

3 RACK ELEVATION - TYPE SR STAGE RACK
SCALE: 1 1/2" = 1'-0"



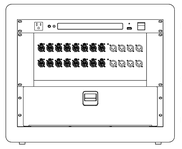
POWER DISTRIBUTION WITH LIGHTS
BLANK PANEL
CD / BT / MEDIA PLAYER
BLANK PANEL
USB / MEDIA RECORDER
BLANK PANEL
2-CH MICROPHONE PREAMPLIFIER

BLANK PANEL

RACK STORAGE DRAWER

4 RACK ELEVATION - TYPE DR DESKTOP RACK
SCALE: 1 1/2" = 1'-0"

PROVIDE PORTABLE CABLING:
1. 1EA. 50' CAT6A DATA CABLE TERMINATED IN NEUTRIK CAT6A PLUGS AT EACH END.
2. 1EA. 50' PORTABLE POWER EXTENSION CABLE, BLACK .

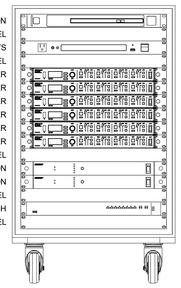


RACKMOUNT POWER WITH LIGHTS

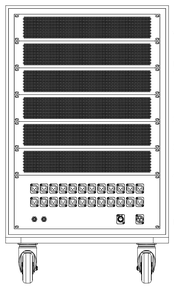
STAGE I/O RACK

RACK STORAGE DRAWER

5 RACK ELEVATION - PORTABLE STAGE I/O RACK
SCALE: 1 1/2" = 1'-0"



POWER DISTRIBUTION
BLANK PANEL
POWER DISTRIBUTION WITH LIGHTS
BLANK PANEL
QUAD WIRELESS MICROPHONE RECEIVER
QUAD WIRELESS MICROPHONE RECEIVER
QUAD WIRELESS MICROPHONE RECEIVER
QUAD WIRELESS MICROPHONE RECEIVER
QUAD WIRELESS MICROPHONE RECEIVER
QUAD WIRELESS MICROPHONE RECEIVER
BLANK PANEL
ANTENNA DISTRIBUTION
ANTENNA DISTRIBUTION
BLANK PANEL
NETWORK SWITCH
BLANK PANEL

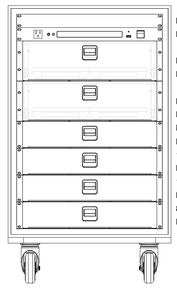


VENT PANEL, TYP.

PROVIDE PORTABLE CABLING:
1. 24-CH SNAKE CABLE: WHIRLWIND MEDUSA 25' 24-CHANNEL, WIRED XLRM TO XLRF, WITH SNAKESKIN AND STRAIN RELIEF OPTIONS, PART# MT24FM25SSH.
2. 2EA. 25' 50-OHM ANTENNA CABLES WITH 50-OHM BNC CONNECTORS AT EACH END.
3. 1EA. 25' CAT6A DATA CABLE TERMINATED IN NEUTRIK CAT6A PLUGS AT EACH END.
4. 1EA. 25' PORTABLE POWER CABLE TERMINATED IN NEUTRIK NAC3FX-W-TOP AT ONE END AND NEMA 5-15P AT THE OTHER.

I/O RACK PANEL

6 RACK ELEVATION - WIRELESS MICROPHONE RACK 1
SCALE: 1 1/2" = 1'-0"



BLANK PANEL
POWER DISTRIBUTION WITH LIGHTS

BATTERY CHARGERS
RACK STORAGE DRAWER

BATTERY CHARGERS
RACK STORAGE DRAWER
MIC ELEMENTS AND ACCESSORIES
RACK STORAGE DRAWER
12 BELTPACK TRANSMITTERS
RACK STORAGE DRAWER
12 BELTPACK TRANSMITTERS
RACK STORAGE DRAWER
8 HANDHELD TRANSMITTERS
RACK STORAGE DRAWER

7 RACK ELEVATION - WIRELESS MICROPHONE RACK 2
SCALE: 1 1/2" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

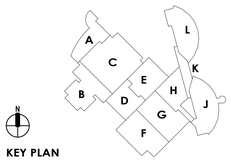
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Rack Elevations



KEY PLAN

ISSUE DATES

03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

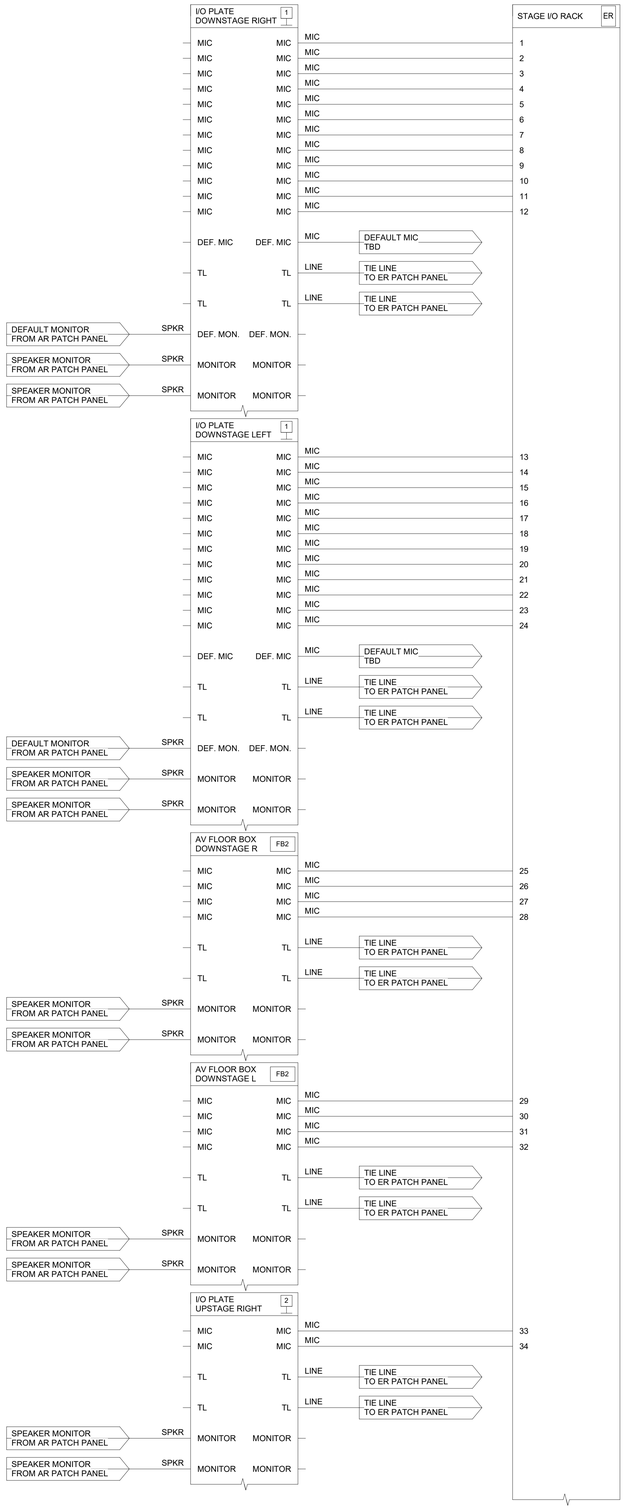
DATE: ISSUED FOR:

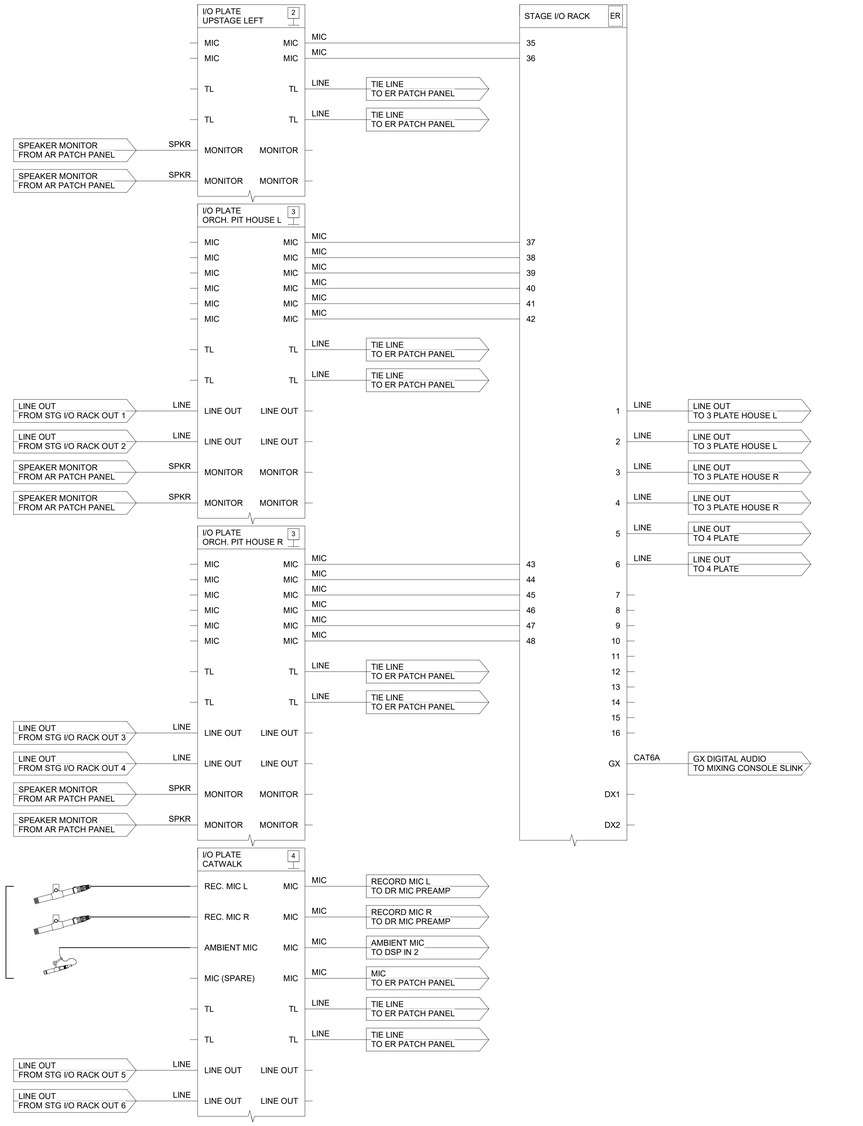
DRAWN BIH
CHECKED REB
APPROVED

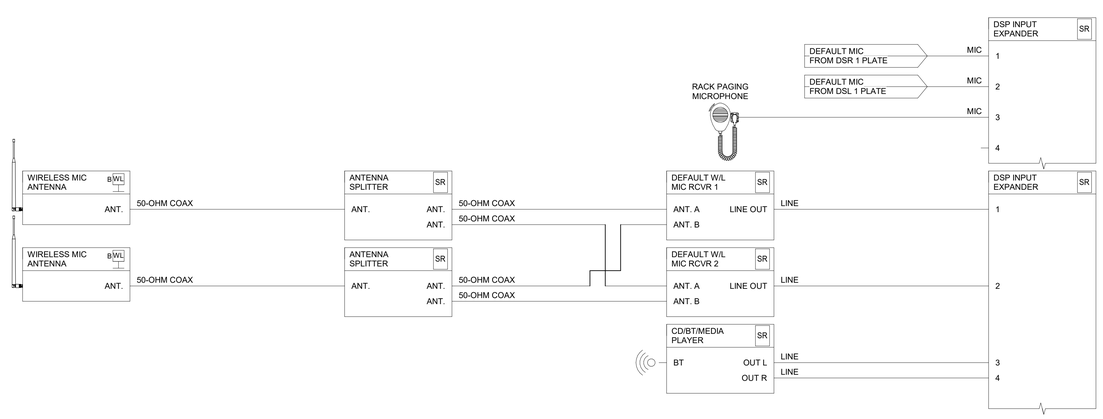
PROJECT NO.
25026D

DRAWING NO.
AV5.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:50 AM







1 AUDIOVISUAL ONELINE DIAGRAM - AUDIO I/O 1

SCALE:NO SCALE

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics. Sound Reinforcement. and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

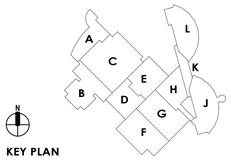
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Oneline Diagram



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

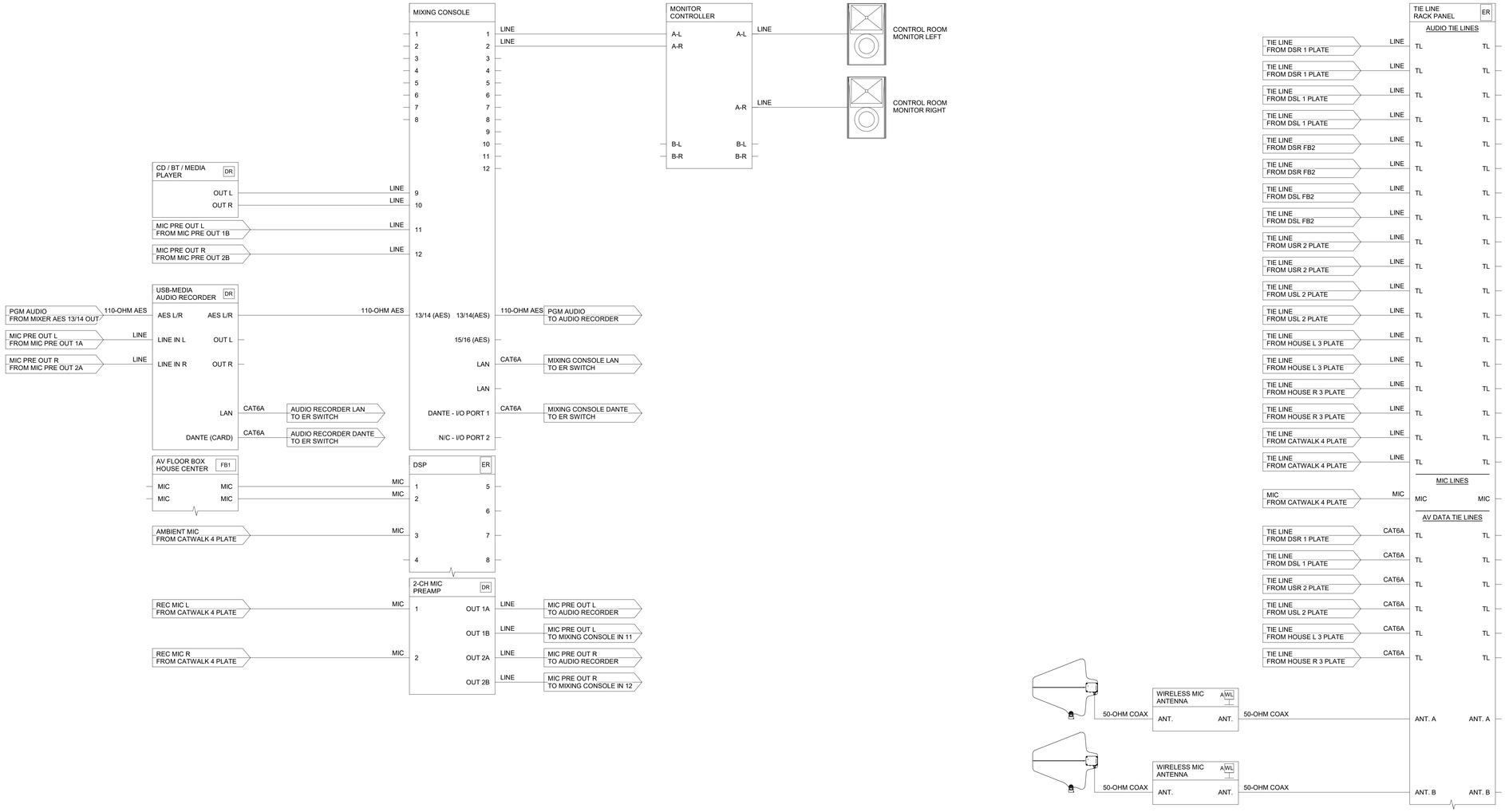
PROJECT NO.

25026D

DRAWING NO.

AV6.1

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:50 AM



1 AUDIOVISUAL ONELINE DIAGRAM - AUDIO I/O 2

SCALE:NO SCALE

TMP ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC

Consultants in Acoustics. Sound Reinforcement. and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

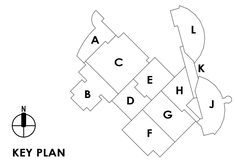
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Oneline Diagram



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

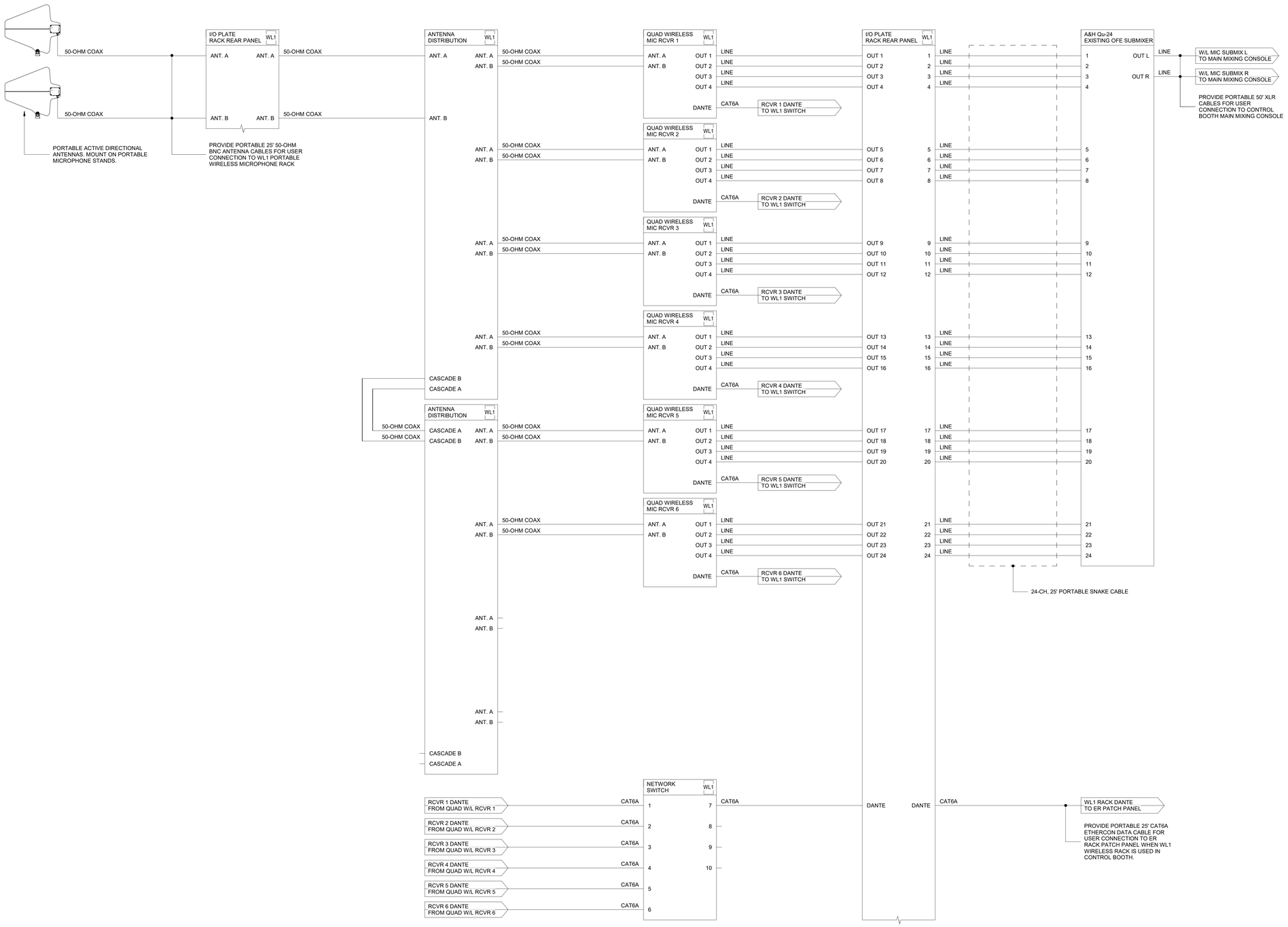
PROJECT NO.

25026D

DRAWING NO.

AV6.2

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:50 AM



1 AUDIOVISUAL ONELINE DIAGRAM - WIRELESS MICROPHONE RACK

SCALE:NO SCALE

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:51 AM

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

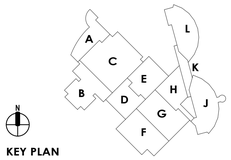
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Oneline Diagram



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

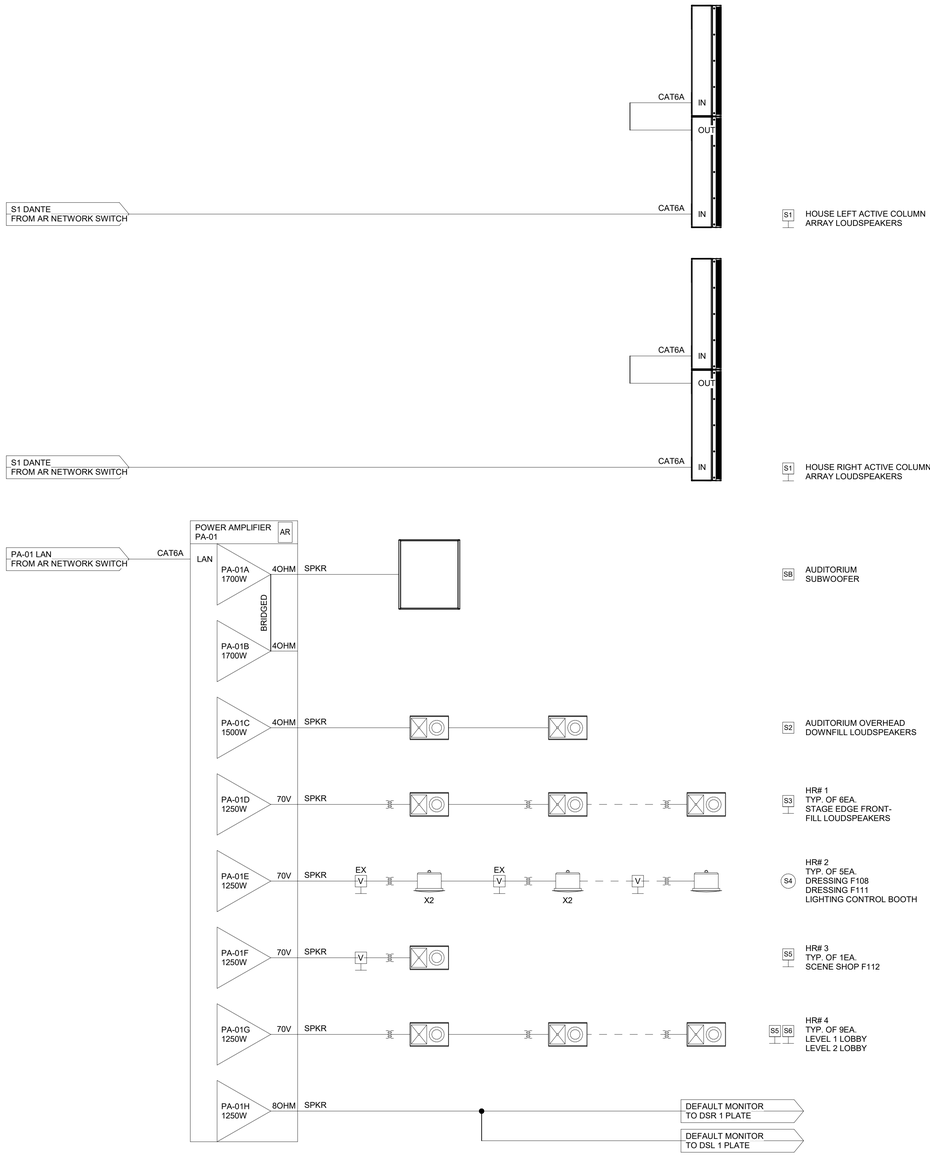
DRAWN	BIH
CHECKED	REB
APPROVED	

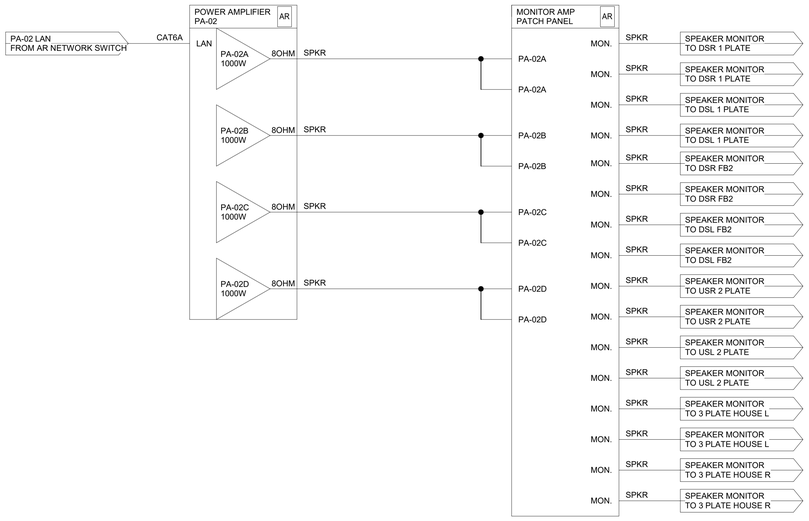
PROJECT NO.

25026D

DRAWING NO.

AV6.3





1 AUDIOVISUAL ONELINE DIAGRAM - AUDIO OUTPUTS

SCALE:NO SCALE

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

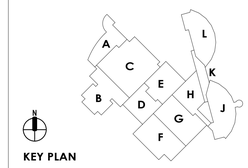
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Oneline Diagram



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

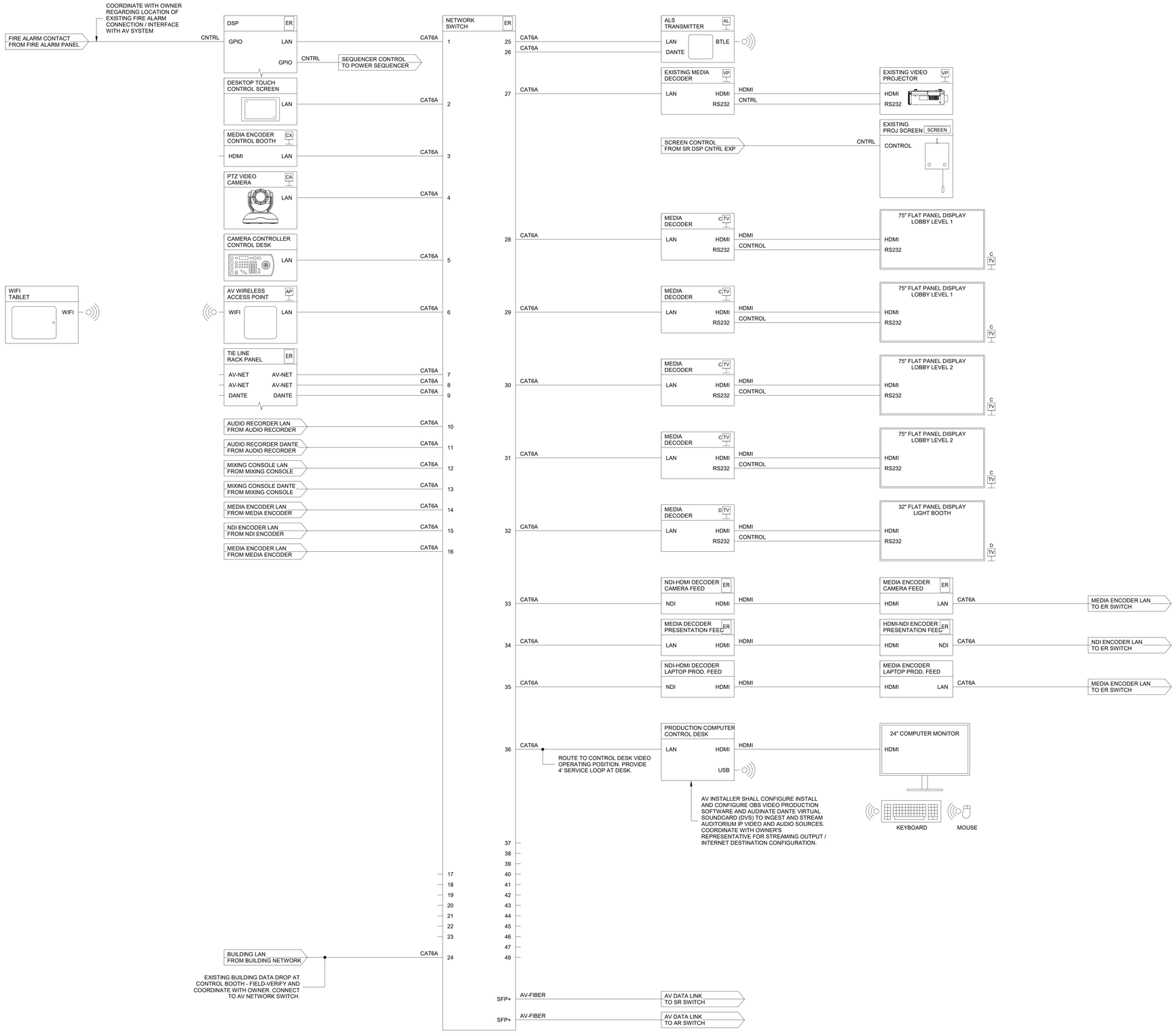
PROJECT NO.

25026D

DRAWING NO.

AV6.4

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:51 AM



1 AUDIOVISUAL ONELINE DIAGRAM - NETWORK/VIDEO/CONTROL 1

SCALE:NO SCALE

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:51 AM

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics. Sound Reinforcement. and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

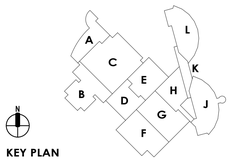
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Oneline Diagram



KEY PLAN

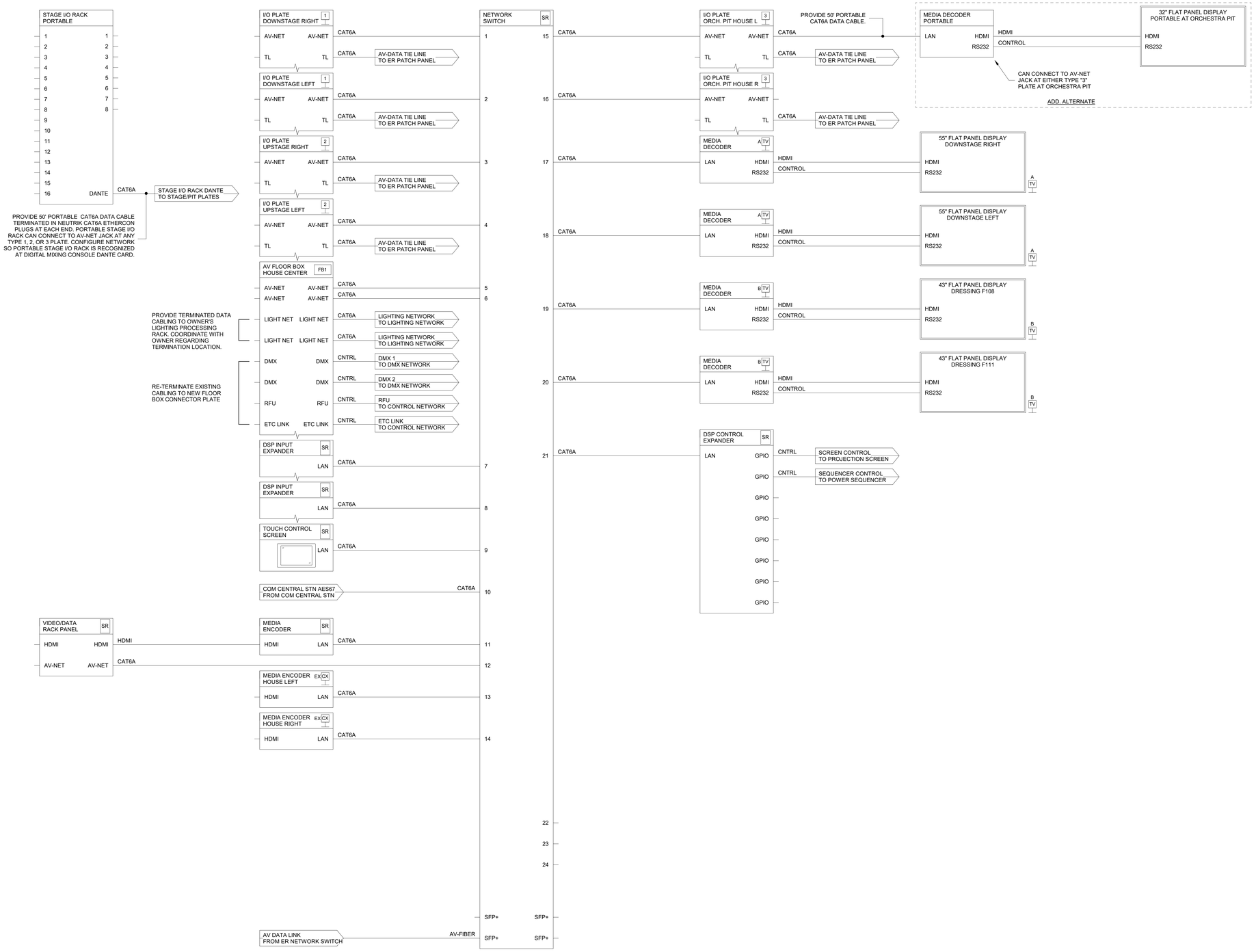
ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN BIH
CHECKED REB
APPROVED

PROJECT NO.
25026D

DRAWING NO.
AV6.5



1 AUDIOVISUAL ONELINE DIAGRAM - NETWORK/VIDEO/CONTROL 2

SCALE:NO SCALE

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:51 AM

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

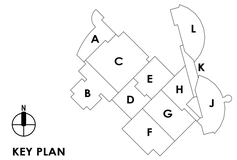
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Oneline Diagram



KEY PLAN

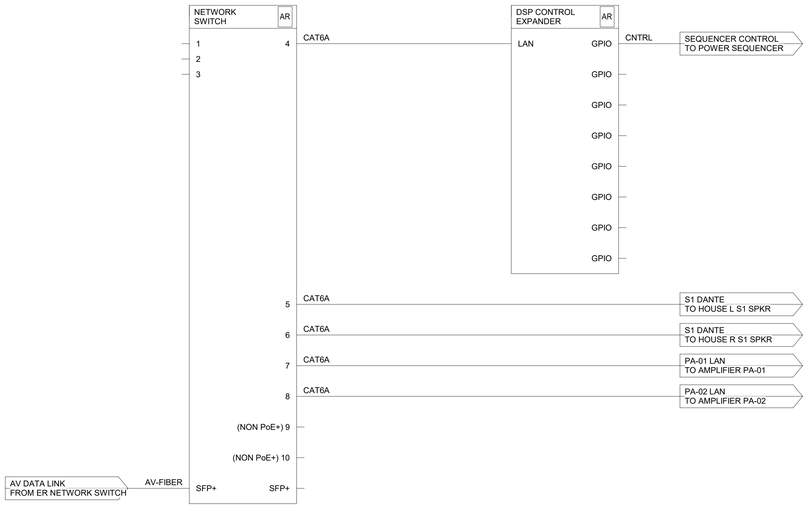
ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

PROJECT NO.
25026D

DRAWING NO.
AV6.6



1 AUDIOVISUAL ONELINE DIAGRAM - NETWORK/VIDEO/CONTROL 3

SCALE:NO SCALE

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:52 AM

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

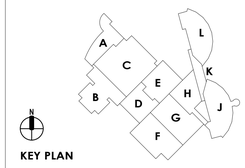
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Oneline Diagram



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

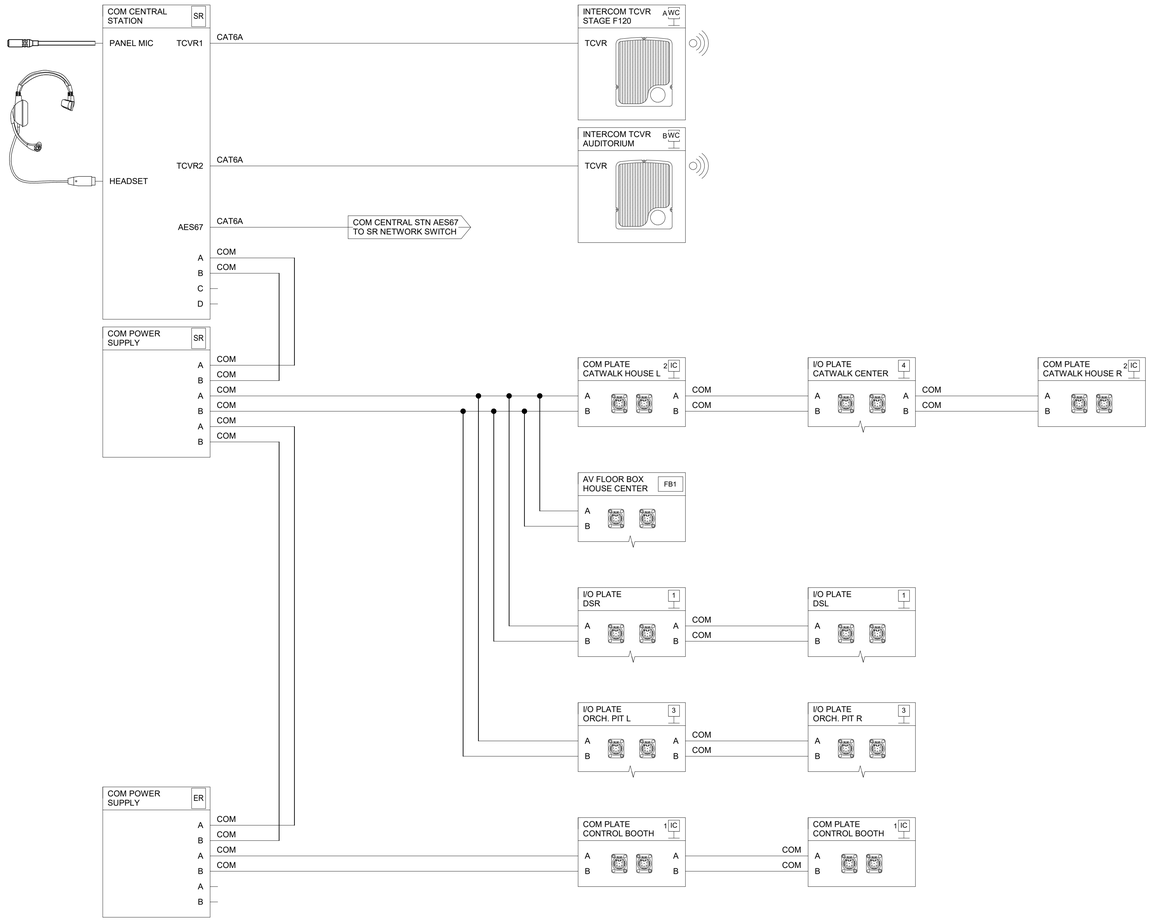
DRAWN	BIH
CHECKED	REB
APPROVED	

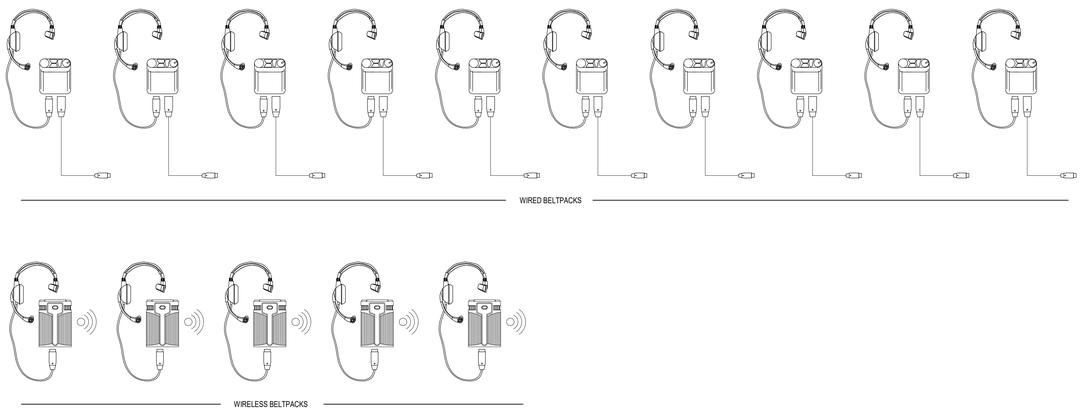
PROJECT NO.

25026D

DRAWING NO.

AV6.7





1 AUDIOVISUAL ONELINE DIAGRAM - PRODUCTION INTERCOM

SCALE:NO SCALE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics. Sound Reinforcement. and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

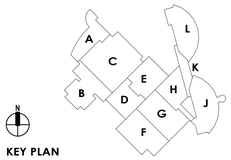
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Oneline Diagram



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

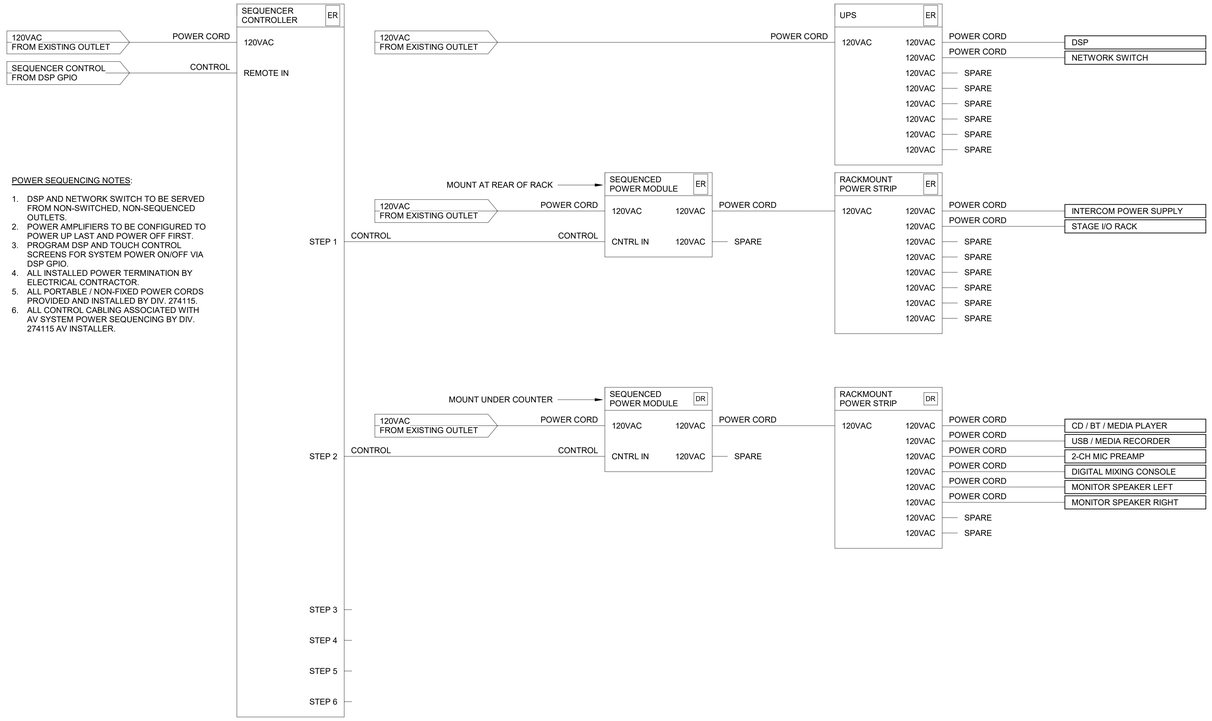
PROJECT NO.

25026D

DRAWING NO.

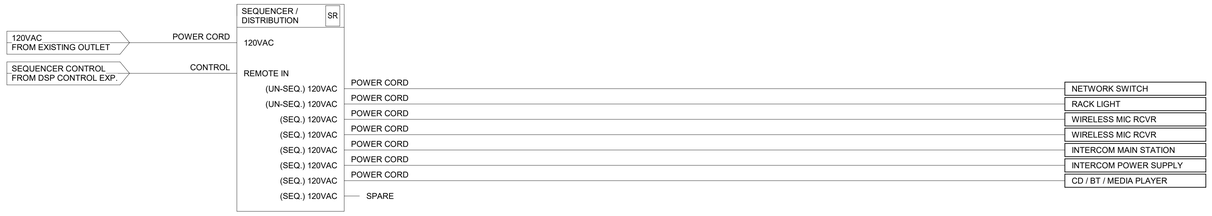
AV6.8

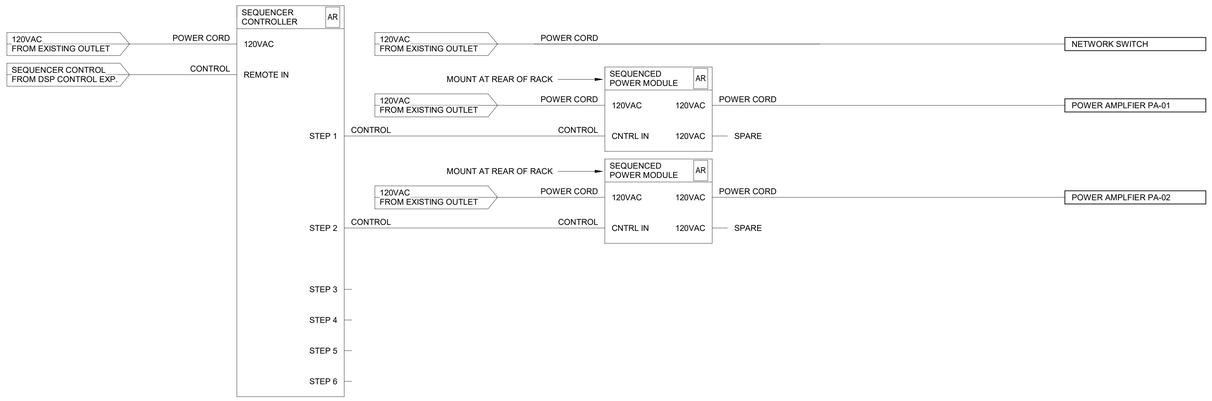
Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:52 AM



POWER SEQUENCING NOTES:

1. DSP AND NETWORK SWITCH TO BE SERVED FROM NON-SWITCHED, NON-SEQUENCED OUTLETS.
2. POWER AMPLIFIERS TO BE CONFIGURED TO POWER UP LAST AND POWER OFF FIRST.
3. PROGRAM DSP AND TOUCH CONTROL SCREENS FOR SYSTEM POWER ON/OFF VIA DSP GPIO.
4. ALL INSTALLED POWER TERMINATION BY ELECTRICAL CONTRACTOR.
5. ALL PORTABLE / NON-FIXED POWER CORDS PROVIDED AND INSTALLED BY DIV. 274115.
6. ALL CONTROL CABLING ASSOCIATED WITH AV SYSTEM POWER SEQUENCING BY DIV. 274115 AV INSTALLER.





1 AUDIOVISUAL ONELINE DIAGRAM - POWER SEQUENCING

SCALE:NO SCALE

Autodesk Docs://25026_DCS_Dexter HS - Renovations (A,B,D,F,G,H,J)/25026 Dexter HS_AV-R25.rvt
3/5/2026 8:54:52 AM

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
EM · INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

BAI Since 1935 LLC
Consultants in Acoustics, Sound Reinforcement, and Audiovisual Technologies
4006 Speedway Austin, TX 78751
512.476.3464 www.baiaustin.com

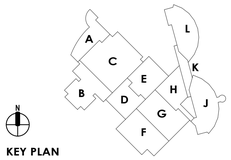
PROJECT TITLE

Dexter High School Fitness/Entry Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Audiovisual Oneline Diagram



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
03.09.2026	D.R. 1 - CONSTRUCTION DOCUMENTS

DRAWN	BIH
CHECKED	REB
APPROVED	

PROJECT NO.

25026D

DRAWING NO.

AV6.9