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Wylie Elementary Classroom Addition

Dexter Community Schools

Dexter, MI 48130

Project Number 25023D

CONSTRUCTION DOCUMENTS

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PROJECT DATA:

LOCATION MAP:



ADDRESS: Dexter Community Schools
Project Address
Dexter, MI 48130

Building:

BUILDING AREA(S) = 11,853 SF (ADDITION)
110,053 SF (EXISTING)
121,906 SF (TOTAL)

0 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

02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT
10-24-2025	SCHEMATIC DESIGN

DATE: ISSUED FOR:

LICENSEE'S STATEMENT:

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REGISTRATION SEALS

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PROJECT TITLE
Wylie Elementary Classroom Addition
PROJECT NO.
25023D
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
COL	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
EXPD	EXPOSED
EXTN	EXTENSION
EXT	EXTERIOR
EH	EXTRA HEAVY
EXTR	EXTRUDED
ESP	EXTERNAL STATIC PRESSURE

F

FAB	FABRICATED/FABRIC
F/F	FACE-TO-FACE
FTN	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 FL/RF	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
HV	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 "	INCHW/INCHES
INCIN	INCINERATOR
INCL	INCLUDE / INCLUDING
IW	INDIRECT WASTE
INFO	INFORMATION
ID	INSIDE DIAMETER
IF	INSIDE FACE
INSTL	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 (1000#)
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 PETROLEUM 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
OHDOR	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

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/TOL	TOILET
TPD	TOILET PAPER DISPENSER
TPH	TOILET PAPER HOLDER
TNGE	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
WTW	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

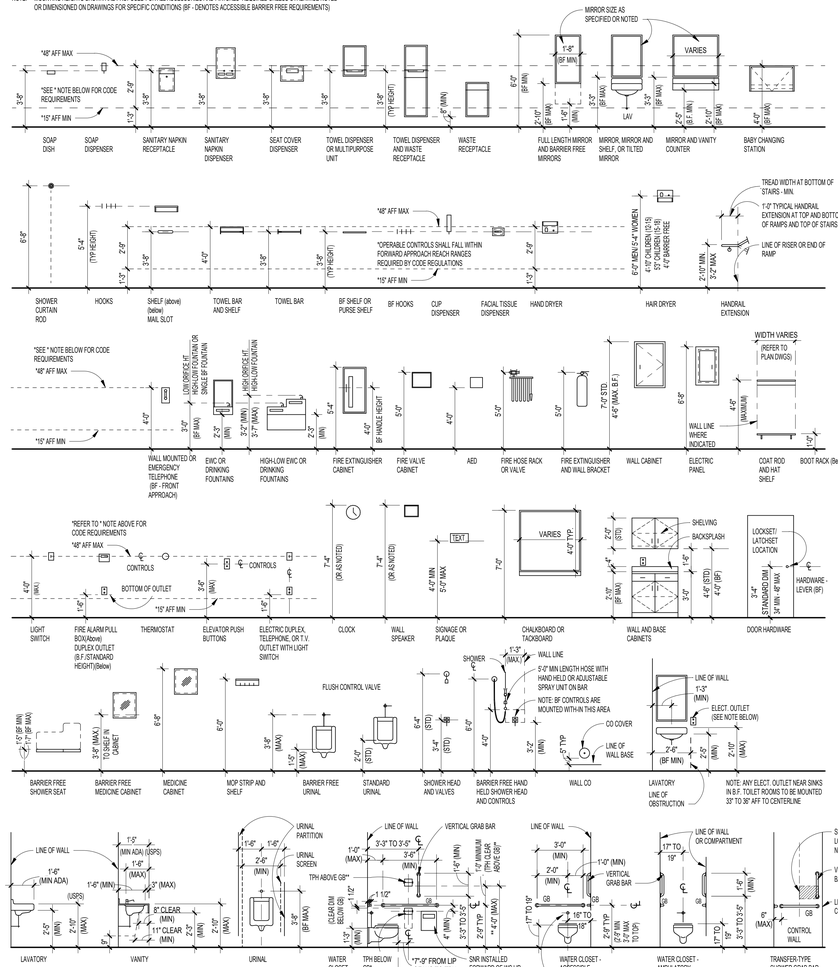
Z

ZC	ZINC

TYPICAL MOUNTING HEIGHTS

MISCELANEOUS 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)

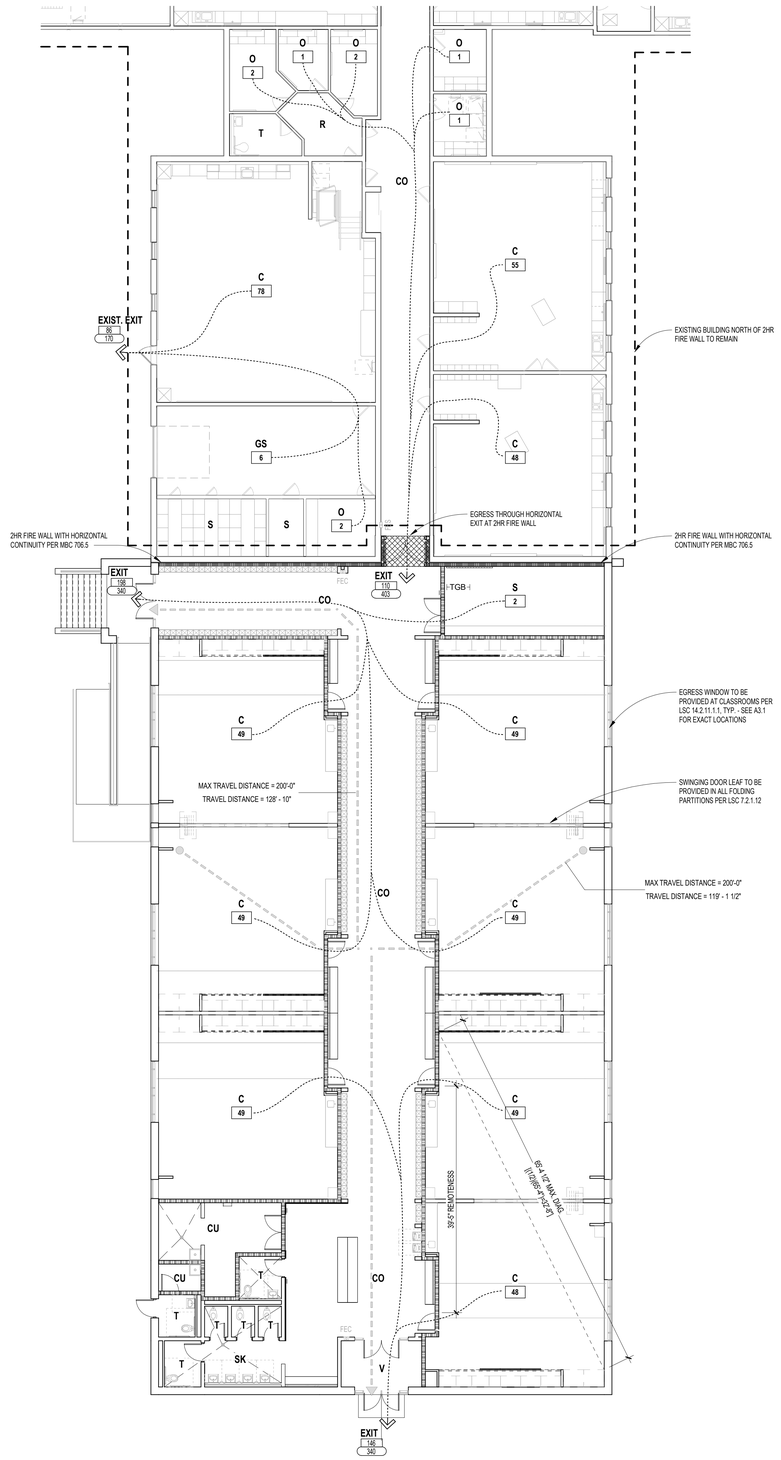


MATERIAL DESIGNATIONS

ELEVATION	SECTION	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)

ELEVATION	SECTION	MATERIAL
		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)

ELEVATION	SECTION	MATERIAL
		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 FILL



N

FIRST LEVEL LIFE SAFETY PLAN

SCALE: 3/32" = 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))

1-HOUR FIRE PARTITIONS FOR STORAGE & UTILITY ROOMS (MBC 708.2, 708.3, 708.4)
- FIRE DAMPERS ARE NOT REQUIRED IN CORRIDOR WALLS IN BUILDINGS EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM (MBC 717.5.4, EXCEPTION 1)

1-HOUR FIRE BARRIER FOR EGRESS CORRIDORS (LSC 14.3.6(2))
- DAMPERS ARE NOT REQUIRED AT DUCT PENETRATIONS THAT DO NOT COMMUNICATE WITH CORRIDORS (LSC 8.4.6.2 & NFPA 90A 5.3.1.1)
- SMOKE DAMPERS ARE REQUIRED AT TRANSFER OPENINGS (LSC 8.4.6.2)

1-HOUR FIRE BARRIER 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 FOR SCIENCE LABS (LSC 14.3.2.5, 8.7.4 & NFPA 45 5.1.3)
- DAMPERS ARE NOT REQUIRED AT DUCT PENETRATIONS (LSC 8.3.5.7, 9.2.1 & NFPA 90A 5.3.1.1.1 / MBC 717.5.2, EXCEPTION NO 3)
- SMOKE DAMPERS ARE REQUIRED AT TRANSFER OPENINGS (MBC 509.4.2)
- MASTER GAS SHUT-OFFS REQUIRED, OUTSIDE OF BARRIER SEPARATION, WHEN 3 OR MORE GAS OUTLETS ARE PROVIDED (LSC 14.3.2.5.1)

: **2-HOUR RATED FLOOR/CEILING CONSTRUCTION FOR OFFSET OF HORIZONTAL EXITS (MBC 711)**
- COMBINATION FIRE/SMOKE DAMPERS ARE REQUIRED AT DUCT PENETRATIONS AND TRANSFER OPENINGS (MBC 711.7, 717.6 & 717.6.1)

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 = 200' MAX. (TBL 1017.2 MBC)
- COMMON PATH OF TRAVEL = 75' MAX. (TBL 1006.2.1 MBC)
- DEAD ENDS = 20' MAX. (LSC 14.2.5.2 / MBC 1020.5, EXCEPTION NO 2).

FE — **FIRE EXTINGUISHER, SURFACE MOUNT**

FES — **FIRE EXTINGUISHER, CABINET (SEMI-RECESSED)**

FEC — **FIRE EXTINGUISHER, CABINET (RECESSED)**

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

EDUCATIONAL	
CLASSROOMS	1/20sf (net)
SCENE SHOPS	1/50sf (net)
SCIENCE LABS	1/50sf (net)
SEATING	1/18 lineal in.
BUSINESS OFFICES, STAFF	
PLANNING,WORKROOMS	1/100sf (gross)
RECEPTIONAREAS	1/100sf (gross)
TECH REPAIR	1/15sf (net)
STORAGE	
GENERAL STORAGE	1/300sf (gross)
RECEIVING AREAS	1/300sf (gross)
MECHANICAL	1/300sf (gross)

BUILDING DATA

1. **CONSTRUCTION CLASSIFICATION TYPE II(000) (NFPA 220) & II-B (MBC 2021)**

3. **USE CLASSIFICATION "E"**

ROOM USE LEGEND

C	CLASSROOM
CO	CORRIDOR
CU	CUSTODIAL
GS	GROUNDS STAFF
O	OFFICE
T	TOILET
R	RECEPTION
S	STORAGE
SK	SINKS
V	VESTIBULE

AREA CALCULATIONS

AREA (NEW CONSTRUCTION)	14,500 sf
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) = 75%	10,875 sf
ADJUSTED ALLOWABLE AREA PER FLOOR	25,375 sf
ACTUAL FLOOR AREA (LARGEST LEVEL)	11,597 sf

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

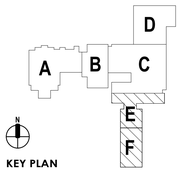
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Life Safety Plan



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT

DRAWN	AH
CHECKED	ML
APPROVED	DL

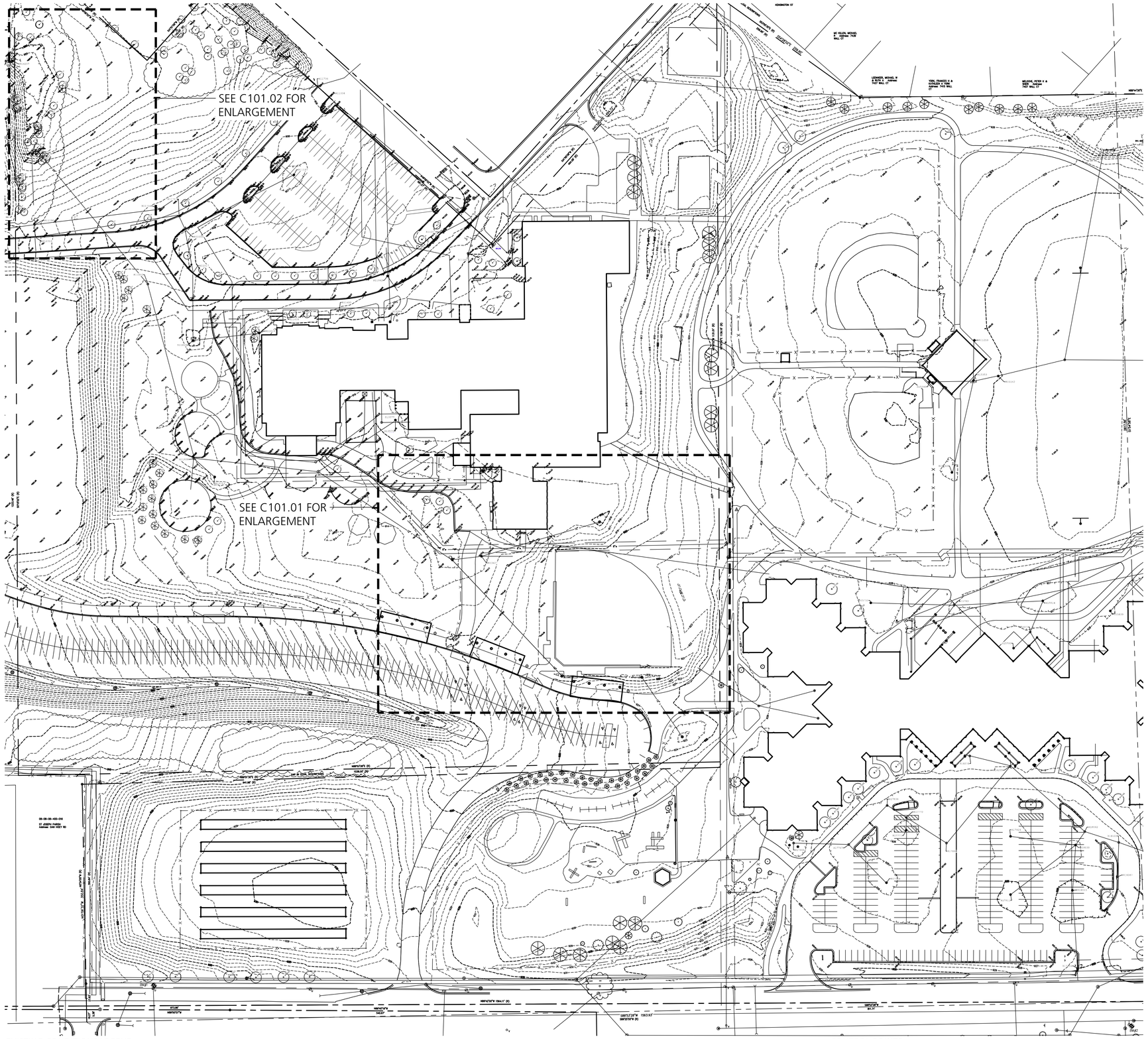
PROJECT NO.

25023D

DRAWING NO.

LS.1

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EXISTING CONDITIONS LEGEND

SECTION CORNER	ROUND CATCH BASIN	GUY POLE	MAILBOX	885	MAJOR CONTOUR
FOUND IRON PIPE	SQUARE CATCH BASIN	GUY ANCHOR	POST/BOLLARD	U/G ELEC.	ELECTRIC LINE
CONTROL POINT	STORM MANHOLE	ELECTRIC RISER	EXISTING TREE	12"G	GAS MAIN
WATER MANHOLE	CULVERT/END SECTION	TRANSFORMER	CHAIN LINK FENCE	12"W	WATER MAIN
FIRE HYDRANT	DOWN SPOUT	TELEPHONE POLE	EASEMENT LINE	12"Y	STORM LINE
GATE VALVE & BOX	SANITARY MANHOLE	TELEPHONE RISER	PARCEL LINE	12"S	SANITARY LINE
WATER SHUT OFF VALVE	SANITARY MANHOLE	POLICE/EMERGENCY CALL	RIGHT-OF-WAY LINE	U/G COMM.	COMM LINE
WELL	LIGHT POLE	TELEPHONE RISER	CURB AND GUTTER		
POST INDICATOR VALVE	UTILITY POLE	SIGN	886 MINOR CONTOUR		

CONTROL POINTS

CONTROL POINT TABLE MI SPC, SOUTH ZONE, NAD83, NAVD88

POINT #	NORTHING	EASTING	ELEVATION	DESC.
6	302786.244	13255774.489	926.38	SET CAPPED REBAR
7	302445.828	13255988.951	933.02	SET CAPPED REBAR
9	302808.313	13255361.247	932.02	SET "MAG" NAIL
11	302454.901	13254710.223	925.28	SET "MAG" NAIL
552	301942.241	13254696.777	927.76	SET "MAG" NAIL

Point Table

POINT #	NORTHING	EASTING	DESC.
15001	302626.748	13252876.898	SET CAPPED IRON PIPE
15002	302038.596	13252900.047	SET CAPPED IRON PIPE
15003	302404.546	13252276.322	SET "MAG" NAIL
15004	302210.764	13252310.722	SET "MAG" NAIL
15005	302096.375	13252115.452	SET 60d NAIL
15006	301121.475	13252478.088	SET 60d NAIL
15007	301354.459	13252710.818	SET 60d NAIL

NORTH

SCALE: 1" =60'

0 30 60 120 FT

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

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

SURVEY COMPLETED BY:

ARBORLAND CONSULTANTS
PROFESSIONAL LAND SURVEYORS

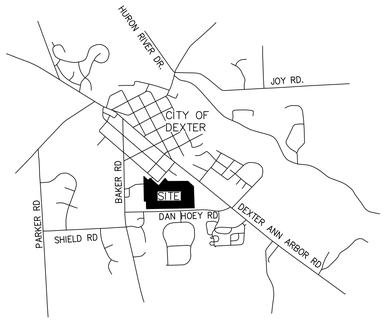
ADDRESS:
6653 SCHEIDER RD.
MANCHESTER, MI 48158
PHONE: (734)-669-2960
WEBSITE: ARBORLANDINC.COM
DATE COMPLETED 08-04-2025

SITE INFORMATION

OWNER:
DEXTER COMMUNITY SCHOOLS

ADDRESS:
COPELAND ADMINISTRATION BUILDING
7714 ANN ARBOR STREET
DEXTER, MI 48130

VICINITY MAP



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 JULY 30, 2025.

DATE OF PLAT OR MAP: AUGUST 4, 2025

KEVIN GINGRAS, P.S., NO. 49278

LEGAL DESCRIPTION

PARCEL 1:
BEGINNING at the Southeast Corner of Section 6, Town 2 South, Range 5 East, Village [now City] of Dexter, Washtenaw County, Michigan, thence South 89°25'55" West 1563.93 feet along the South line of said Section; thence North 00°34'05" West 350.84 feet; thence North 89°01'30" East 941.98 feet; thence North 00°16'50" East 1139.18 feet along an existing fence line; thence South 53°55'35" East 259.95 feet along an existing fence line to a point on the southerly line of "Dexter Heights Subdivision", as recorded in Liber 11 of Plats, Page 55, Washtenaw County Records; thence North 89°44'30" East 915.27 feet along the southerly line of said subdivision (and the easterly extension thereof) to a point on the centerline of Dexter Ann Arbor Road; thence South 49°43'00" East 17.43 feet along said centerline; thence South 49°16'15" East 362.76 feet continuing along said centerline; thence South 01°11'20" East 1076.75 feet along an existing fence line to a point on the south line of Section 5, Town 2 South, Range 5 East and the centerline of Dan Hoey Road; thence South 88°48'00" West 816.17 feet along said South line and said centerline to the POINT OF BEGINNING, being a part of the southwest 1/4 of Section 5 and a part of the southeast 1/4 of Section 6, Town 2 South, Range 5 East, Village [now City] of Dexter, Washtenaw County, Michigan.

PARCEL 2:
A parcel of land being a part of the SE 1/4 of Section 6, T2S, R5E, Village [now City] of Dexter, Washtenaw County, Michigan described as:
Commencing at the S 1/4 Corner of Section 6, T2S, R5E, Village [now City] of Dexter, Washtenaw County of Michigan; thence North 89°01'30" East 993.50 feet; thence North 00°10'00" West 349.14 feet to the POINT OF BEGINNING; proceeding thence North 00°10'00" West 1233.46 feet; thence South 47°58'00" East 267.14 feet; thence North 42°00'00" East 140.00 feet; thence South 47°58'00" East 561.27 feet; thence North 42°04'10" East 494.56 feet; thence South 00°10'00" East 1131.01 feet; thence South 89°01'30" West 1038.00 feet to the POINT OF BEGINNING, containing 23.94 acres of land, more or less.

BENCHMARK NOTE

BM#1 – FD RR SPIKE IN N. SIDE OF POWER POLE ON N. SIDE DAN HOEY ROAD EAST OF CEMETERY.
ELEVATION = 915.22

BM#2 – TOP OF STEAMER VALVE (N'LY VALVE) ON FIRE HYDRANT ON S. SIDE DAN HOEY RD AT E. SIDE BISHOP CIRCLE.
ELEVATION = 924.92

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.

SURVEYOR'S NOTE

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES OTHER THAN THE STRUCTURE INVENTORY SHOWN HEREON.

TREE LEGEND

AP	APPLE	DT	DECIDUOUS TREE
AS	ASPEN	HICK	HICKORY
B	BIRCH	JP	JAPANESE PAGOTA
BB	BURNING BUSH	LOC	LOCUST
BE	BOX ELDER	M	MAPLE
BIR	BIRCH	P	PINE
CA	CRAB APPLE	SAS	SASSAFRAS
CAT	CATALPA	SP	SPRUCE
CH	CHERRY	SYC	SYCAMORE
CS	CONIFEROUS SHRUB	WIL	WILLOW
CW	COTTONWOOD	WAL	WALNUT
DS	DECIDUOUS SHRUB		

TMP ARCHITECTURE

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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
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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Overall Existing Conditions

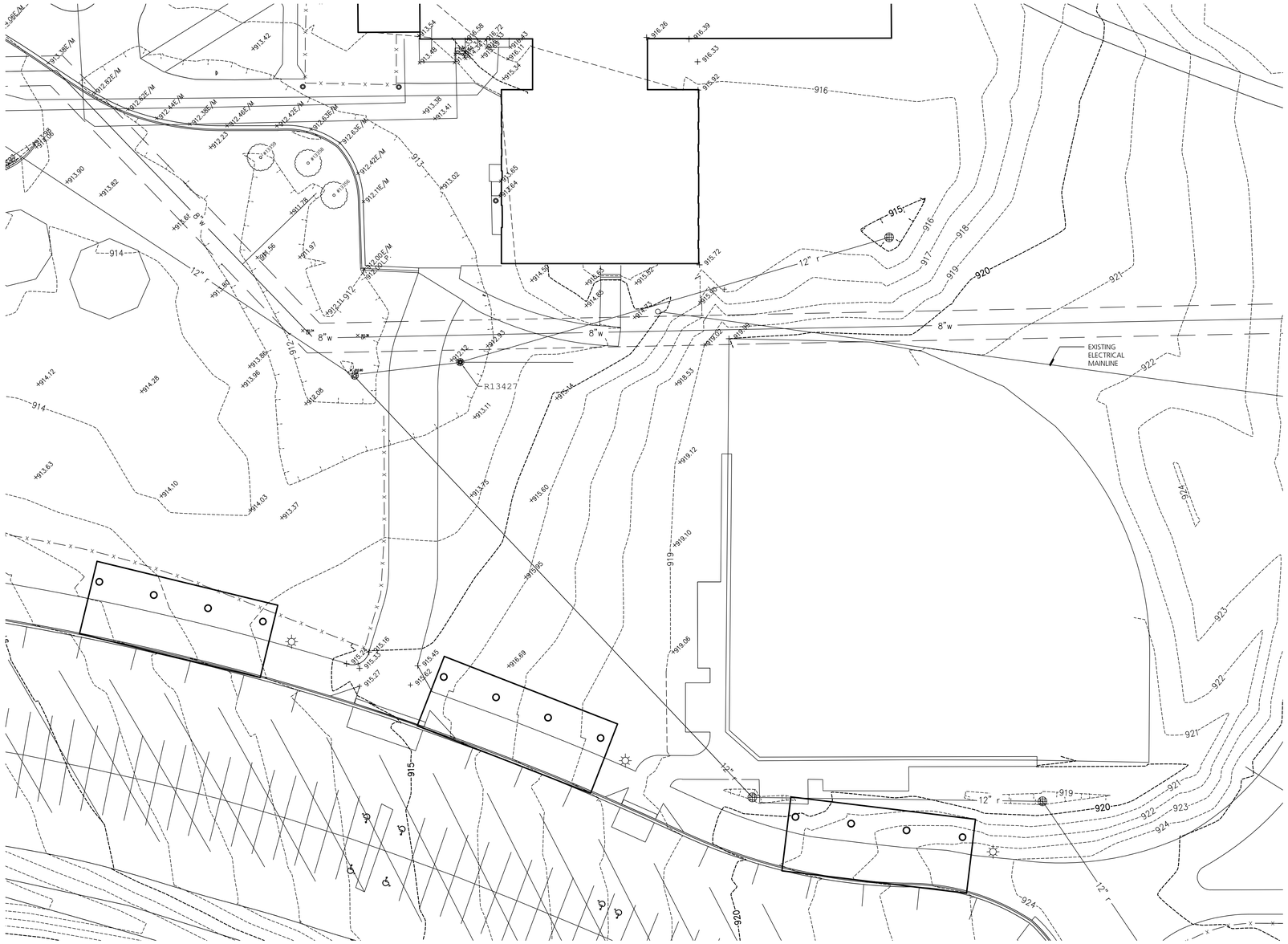
ISSUE DATES

DATE:	ISSUED FOR:
12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

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

PROJECT NO.
25023D

DRAWING NO.
C101.00



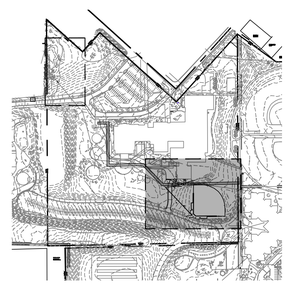
EXISTING CONDITIONS LEGEND

- SECTION CORNER
- FOUND IRON PIPE
- CONTROL POINT
- WATER MANHOLE
- FIRE HYDRANT
- GATE VALVE & BOX
- WATER SHUT OFF VALVE
- WELL
- POST INDICATOR VALVE
- 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
- TELEPHONE POLE
- TELEPHONE RISER
- POLICE/EMERGENCY CALL
- TELEPHONE RISER
- SIGN
- MAILBOX
- POST/BOLLARD
- EXISTING TREE
- CHAIN LINK FENCE
- EASEMENT LINE
- PARCEL LINE
- RIGHT-OF-WAY LINE
- CURB AND GUTTER
- 886 MINOR CONTOUR
- 885 MAJOR CONTOUR
- U/G ELEC. ELECTRIC LINE
- 12"g GAS MAIN
- 12"w WATER MAIN
- 12"r STORM LINE
- 12"s SANITARY LINE
- U/G COMM. COMM LINE

EXISTING CONDITIONS NOTES

1. SEE C101.00 FOR EXISTING CONDITIONS NOTES.

KEY PLAN



NORTH

SCALE: 1" = 20'

0 10 20 40 FT

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

811 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

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Existing Conditions Enlargement

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS
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DATE:	ISSUED FOR:

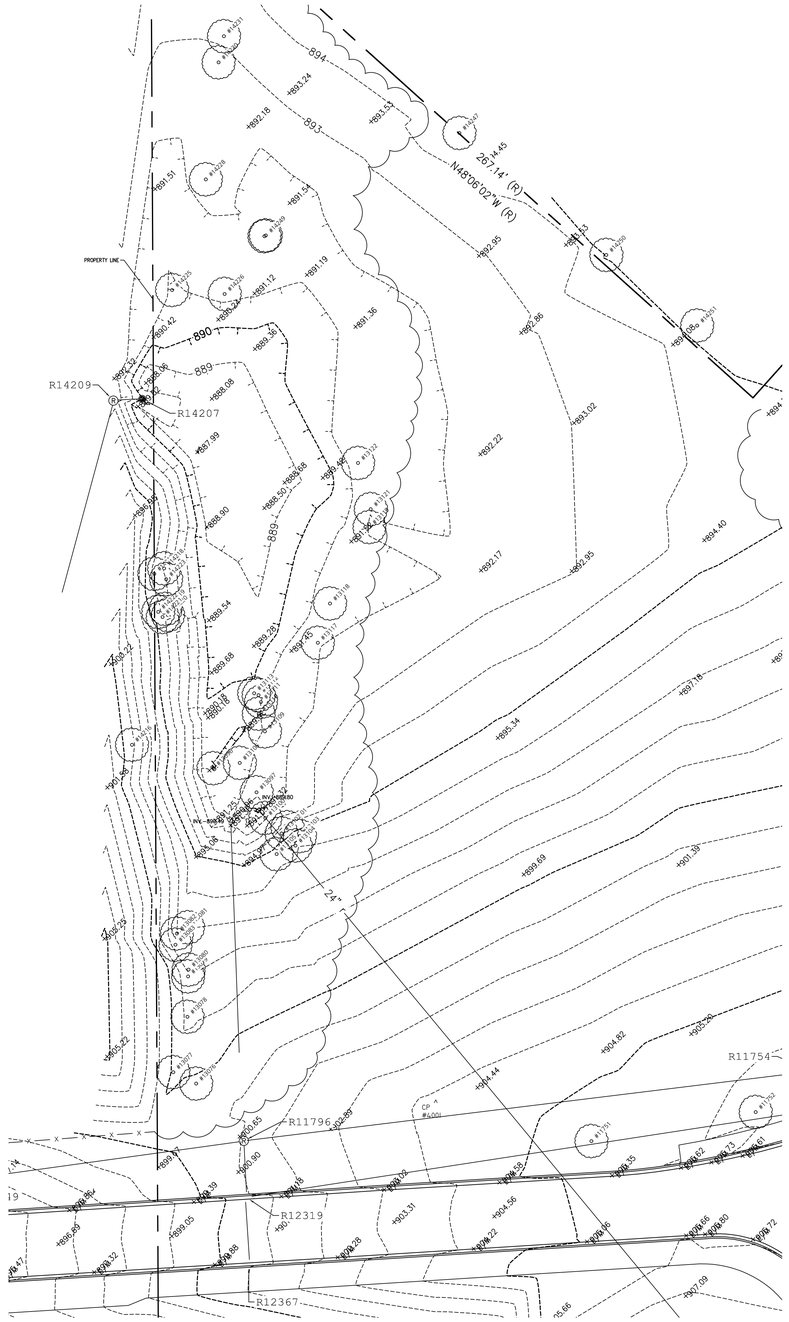
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

C101.01



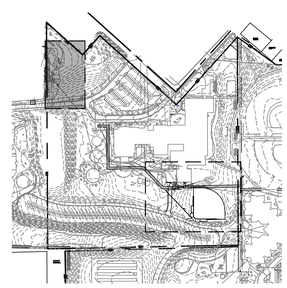
EXISTING CONDITIONS LEGEND

- SECTION CORNER
- FOUND IRON PIPE
- CONTROL POINT
- WATER MANHOLE
- FIRE HYDRANT
- GATE VALVE & BOX
- WATER SHUT OFF VALVE
- WELL
- POST INDICATOR VALVE
- 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
- TELEPHONE POLE
- TELEPHONE RISER
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1. SEE C101.00 FOR EXISTING CONDITIONS NOTES.

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0 10 20 40 FT

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Existing Conditions Enlargement

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

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

PROJECT NO.

25023D

DRAWING NO.

C101.02

TREE SCHEDULE

TREE TABLE

TREE #	SIZE (IN.)	SPECIES
11099	11	MAPLE
11100	11	MAPLE
11157	10	MAPLE
11159	12	PEAR
11160	12	PEAR
11164	11	PEAR
11165	11	MAPLE
11166	11	PEAR
11167	10	PEAR
11174	10	PEAR
11176	10	PEAR
11177	11	PEAR
11440	11	PEAR
11442	11	PEAR
11490	12	PEAR
11491	10	PEAR
11556	14	PEAR
11557	10	PEAR
11577	9	PEAR
11578	9	PEAR
11601	9	MAPLE
11605	16	PEAR
11608	12	PEAR
11609	13	PEAR
11620	13	PINE
11621	15	PINE
11751	15	PEAR
11752	13	PEAR
11756	15	PEAR
11758	16	PEAR
11761	16	PEAR
11763	15	PEAR
11765	12	PEAR
11843	10	PINE
11844	12	PINE
11845	10	PINE
11846	12	PINE
11849	14	PINE
12009	7	PINE
12010	11	PINE
12011	11	PINE
12012	12	PINE
12013	8	PINE
12014	10	PINE
12015	10	PINE
12016	9	PINE
12017	9	PINE
12018	7	PINE
12019	9	PINE
12020	12	PINE
12021	13	PEAR
12022	13	PEAR
12616	10	OAK
12617	13	MAPLE
12619	8	MAPLE
12708	14	TWIN CHERRY
12711	18	CHERRY
12713	15	MAPLE
12716	12	PINE
12717	13	PINE
12718	11	PINE
12719	13	PINE
12721	15	PINE
12722	13	PINE
12723	12	PINE
12725	13	PINE
12726	17	PINE
12736	12	MAPLE
12740	7	CRABAPPLE
12742	9	CRABAPPLE
12744	18	OAK
12835	15	MAPLE
12838	17	PINE
12839	21	LOCUST
12840	21	LOCUST
12841	21	LOCUST
12861	16	MAPLE
12864	16	MAPLE
12867	13	MAPLE
12869	15	MAPLE
12871	9	TRI MAPLE
13076	25	BOXELDER
13077	27	BOXELDER
13078	14	BOXELDER
13079	18	BOXELDER
13080	14	BOXELDER
13081	8	BOXELDER
13082	8	BOXELDER
13083	17	MAPLE
13096	8	COTTONWOOD
13097	12	COTTONWOOD
13100	12	BOXELDER
13101	12	BOXELDER
13102	8	TWIN BOXELDER
13103	10	BOXELDER
13104	12	BOXELDER
13105	11	BOXELDER
13106	14	WALNUT
13109	13	COTTONWOOD
13110	19	COTTONWOOD
13111	18	COTTONWOOD
13112	17	COTTONWOOD
13113	8	COTTONWOOD
13117	7	WALNUT
13118	13	BOXELDER
13119	13	BOXELDER
13121	10	BOXELDER
13122	11	WALNUT
13130	8	WALNUT
13326	7	MAPLE
13329	4	MAPLE
13356	12	PEAR
13358	12	PEAR
13359	12	PEAR
13580	12	PEAR
13723	12	MAPLE
13727	12	MAPLE
13843	4	QUAD MAPLE
13844	13	MAPLE
13946	9	MAPLE
13951	5	MAPLE
14083	13	ELM
14108	13	MAPLE
14131	15	MAPLE
14153	13	TWIN ELM
14154	16	ELM
14155	18	ELM
14163	14	TRI BOXELDER
14164	13	BOXELDER
14166	11	BOXELDER
14167	12	BOXELDER
14171	14	WALNUT
14172	12	WALNUT
14173	10	BOXELDER
14174	10	BOXELDER
14175	10	BOXELDER
14176	14	BOXELDER
14177	21	WALNUT
14178	16	WALNUT
14183	9	BOXELDER
14184	9	BOXELDER
14185	9	BOXELDER
14186	12	WALNUT
14216	12	BOXELDER
14217	25	WILLOW
14218	14	BOXELDER
14219	14	BOXELDER
14220	14	BOXELDER
14221	17	BOXELDER
14222	13	BOXELDER
14223	10	BOXELDER
14225	8	WALNUT
14226	10	WALNUT
14228	14	WALNUT
14230	8	BOXELDER
14231	13	WALNUT
14233	15	WALNUT
14234	12	BOXELDER
14235	14	LOCUST
14237	14	WALNUT
14240	8	ELM
14247	13	TRI BOXELDER
14249	10	WALNUT
14250	50	WILLOW
14251	50	WILLOW
14253	11	BEECH
14254	10	BOXELDER
14255	10	BOXELDER
14256	8	ELM
14259	8	BOXELDER
14260	8	BOXELDER
14261	28	WILLOW
14262	12	BOXELDER
14263	10	BOXELDER
14264	12	BOXELDER
14265	14	WALNUT
14267	12	BOXELDER
14268	12	BOXELDER
14269	8	BOXELDER
14270	9	BOXELDER
14275	23	BOXELDER
14280	9	WALNUT

TREE TABLE

TREE #	SIZE (IN.)	SPECIES	ELEV.
13027	8	HACKBERRY	913.9
13028	9	HACKBERRY	915.4
13033	9	HACKBERRY	918.5
13037	11	MAPLE	920.3
13040	8	HACKBERRY	921.2
13043	9	HACKBERRY	922.6
15125	3	MAPLE	929.3
15128	3	MAPLE	930.2
15129	3	MAPLE	929.6
15214	3	MAPLE	930.8
15215	3	MAPLE	930.7
15216	3	MAPLE	929.9
15388	6	MAPLE	926.1
15625	6	MAPLE	932.7
15749	6	MAPLE	928.5
15756	6	MAPLE	928.3
16777	5	ELM	929.0
16795	4	MAPLE	926.7
16796	4	MAPLE	926.8
16878	4	MAPLE	926.6
16879	4	MAPLE	926.2
16880	4	MAPLE	926.0
17242	4	MAPLE	928.6
17243	4	MAPLE	928.5
17268	4	MAPLE	929.1
17269	4	MAPLE	929.1
17270	4	MAPLE	929.0
17277	2	MAPLE	927.8
17641	10	PEAR	928.5
17656	10	PEAR	928.6
17657	10	PEAR	928.4
17661	12	PEAR	928.7
17662	11	PEAR	928.6
17770	3	CHERRY	927.0
17984	3	CHERRY	927.4
18121	3	CHERRY	927.2
18125	3	CHERRY	926.0
18160	5	OAK	928.1
18161	5	OAK	928.5
18196	5	OAK	928.1
18200	5	OAK	928.1
18201	5	OAK	928.2
18217	5	OAK	928.5
18338	5	OAK	928.7
18339	10	PEAR	928.4
18545	4	MAPLE	924.0
18546	4	MAPLE	923.9

SANITARY STRUCTIRE SCHEDULE

No.	TYPE	RIM	INVERTS		
S1	MH	872.99	6" S 867.54	6" W 867.54	
S2	MH	871.97	6" S 870.47	6" E 870.47	
S3	MH		NOT FOUND		
S4	MH	869.47	6" S 866.47	6" NE 866.47	
S5	MH	869.48	6" SW 866.08	6" NLY 866.08	
S6	MH	869.50	15" N 859.70	15" S 859.80	10" E 861.30
S7	MH	869.66	15" N 860.56	15" S 860.66	
S8	MH	872.38	15" N 862.08	15" SW 862.18	
S9	MH	871.81	15" NE 862.41	15" S 865.21	
S10	MH	873.54	15" N 865.84	15" S 865.94	
S11	MH	876.99	15" N 866.19	15" S 866.29	
S12	MH	878.63	15" N 866.83	15" S 866.93	
S13	MH	880.18	15" N 868.58	15" E 868.78	

No.	TYPE	RIM	INVERTS		
S1	MH	924.70	12" SW 906.50	12" NE 906.50	
S2	MH	926.79	12" SW 906.89	12" E 906.89	
S3	MH	923.78	12" E-W 907.48		
S4	MH	925.23	12" W 908.33	12" N 908.43	10" SE 911.63
S5	MH	923.68	10" NW 912.43	10" E 912.43	
S6	MH	927.51	12" N-S 909.11		
S7	MH	931.59	12" N-S 909.99	8" W NOT VISIBLE	
S8	MH	916.66	12" SW 910.66	12" NE 910.66	12" NW 910.66
S9	MH	916.13	10" SE 910.73	10" SW 910.73	
S10	MH	921.11			
S11	MH	918.16	10" SE 911.66	10" N 911.86	
S12	MH	916.22	10" S 911.72	10" NW 911.92	
S13	MH	918.36			
S14	MH	925.50	12" NE 905.90	12" W 906.00	925.50
S15	MH	927.40	12" E-W 904.90		
S16	MH	927.98	12" E 904.28	12" NW 904.18	
S17	MH	929.72	12" SE 904.52	6" NE 918.32	12" W 904.52
S18	MH	928.26	12" E-W 903.66		
S19	MH	920.10	12" E-W 903.00		
S20	MH	910.67	12" E 897.17	12" SW 897.17	
S21	MH	909.25			
S22	MH	930.73	6" E 922.63	6" NW 922.63	
S23	MH	931.62	6" SE 923.72	6" W 923.72	
S24	MH	924.44	10" W 914.54	10" E 914.64	
S25	MH	927.12	10" E-W 916.52		

STORM STRUCTURE SCHEDULE

No.	TYPE	RIM	INVERTS				
R1293	MH	877.61	36" W 868.01	36" E 871.46			
R1331	MH	881.30	12" W 873.25	12" SE 876.60	12" E 873.50	8" S 876.95	
R1382	CB	881.46	12" NW 876.76	12" SE 876.76	8" S 877.11		
R1411	CB	881.89	12" NW 876.89	12" S (PVC) 877.69			
R11000	CB	906.31	18" E 898.56	18" N 895.61	18" S 895.66		
R11017	CB	908.73	18" N 896.53	18" SW 896.53			
R11042	CB	912.03	12" N 906.68	12" S 906.63			
R11057	CB	912.25	8" NE 909.55				
R11197	CB	906.57	18" W 901.92				
R11334	CB	909.19	12" NW 902.94	12" SE 902.99			
R11335	MH	912.90	12" NW 906.75	12" NE 907.65	8" NW 908.10		
R11439	CB	912.19	BOTTOM 908.79	FULL OF DEBRIS ±			
R11493	CB	912.87	BOTTOM 910.07	FULL OF DEBRIS ±			
R11619	CB	914.97	12" W 906.17	10" S 910.92	8" NE 906.37		
R11717	CB	906.25	12" W 895.45	18" SE 895.50			
R11736	CB	909.26	15" NW 900.01	12" SE 900.06			
R11754	MH	906.53	36" NE 895.98	36" SW 893.87			
R11760	MH	906.57	36" NE 896.02	36" SW 893.91			
R11767	MH	908.13	18" E 900.13	36" SW 899.03			
R11796	MH	901.57	36" NE 890.82	36" SW 888.82	18" S 888.87		
R11852	MH	909.27	24" NW 889.87	18" SE 893.87			
R11859	CB	908.61	12" E 903.91	18" N 896.81			
R11938	MH	912.70	12" E 898.85	6" SE 908.70	8" S 905.10	18" NW 897.94	
R12113	CB	913.74	6" NW 908.99				
R12271	CB	910.95	12" E 903.55	12" SE 904.15	12" NW 903.55		
R12319	CB	900.39	18" N 890.04	18" E 890.19	12" S 894.99		
R12338	MH	885.11	36" E 878.51	36" W 873.61			

No.	TYPE	RIM	INVERTS				
R12349	MH	896.20	36" E 888.20	18" N 883.65	36" W 882.20		
R12367	CB	900.52	12" N 895.52				
R12599	MH	882.30	12" W 880.10	882.30	882.30	882.30	882.30
R12621	CB	882.23	FULL'				
R12623	MH	881.38	12" E 877.23	12" SE 877.43	12" SW 877.23		
R12628	CB	879.99	12" NE 877.19	12" W 877.19	879.99		
R12807	MH	881.56					
R12834	CB	879.77	12" NW 875.07	12" E 875.72			
R12858	MH	881.64	12" N 875.64	12" SE 875.74			
R13427	CB	912.74	12" W 904.34	12" E 904.59			
R13575	CB	915.42	12" SW 908.72	8" SE 909.22			
R13630	CB	890.88	12" SW 886.68				
R13638	CB	890.65	12" W 886.45				
R13652	CB	890.68	12" W 886.38				
R13720	CB	880.70	FULL				
R13795	CB	881.10	6" E 877.80	6" N 877.80			
R13869	CB	880.93	6" W 877.73				
R13908	CB	881.38	12" E 876.88	8" NW 877.08			
R13936	CB	881.43	12" NE 876.13	12" W 876.13			
R13949	CB	881.09	12" NW 875.64	12" SW 875.69			
R13961	CB	881.11	12" N 874.61	12" S 874.71	12" SE 874.71		
R13964	CB	881.72	12" N 878.72	6" SW 878.92			
R13994	CB	878.20	12" NW 874.20	12" SE 874.40			878.20
R14029	CB	875.59	12" W 870.19				
R14207	OCS	890.11	18" W 886.51	2" WEEP 887.01			
R14209	MH	892.70	18" S 886.25	18" E 886.30			

No.	TYPE	RIM	INVERTS				
15139	CB	929.83	12" E 922.28	18" S 921.98	12" NW 922.38	8" NE 926.63	
15160	MH	929.98	12" N 923.28	12" S 925.18	12" W 923.28		
15218	CB	927.92	24" S 921.02	12" SW 921.32	18" W 921.07		
15282	CB (32)	928.46	8" NE 924.06				
15340	CB (31)	929.27	8" E 924.27				
15353	CB (30)	928.81	12" E 5.80	8" N 923.31	8" W 923.31	8" SW 923.31	
15359	CB (33)	929.26	8" S 924.16				
15514	CB	926.27	18" E 922.07	12" W 922.17	12" SW 922.17		
15542	MH	929.60	12" NE 922.70	12" W 922.70			
15618	CB	930.05	12" W 925.60				
15755	CB	927.11	12" E 923.71				
15783	MH	927.71	12" E 923.41	12" W 923.46	12" SW 923.41		
15793	MH	927.95	12" NE 922.70				
15839	CB	927.88	12" SE 923.08				
15851	MH	928.09	12" S 922.39	18" W 921.59	18" SE 921.34		
15852	CB	927.69	12" SW 922.79	12" N 922.79			
15857	CB	927.12	12" NE 922.27	10" SW 922.32			
15877	MH	928.16	12" NE 922.66	12" SE 922.76	12" SW 922.76		
16005	CB	929.50	12" SE 922.95	12" N 923.20			
16007	CB	931.82	12" NW 923.37	12" S 922.97	6" NE 927.62		
16024	CB	930.47	12" S 925.07	12" SE STUB 925.22	8" NW 925.27		
16027	CB	931.24	12" N 924.94	12" SE 924.69			
16033	CB (22)	930.36	8" SE 926.26				
16238	CB	930.00	18" N 920.90	18" S 921.10	12" W 924.05		
16242	CB	928.83	18" N 921.68	18" S 921.68	12" W 922.83		
16248	CB	928.93	18" N 922.03	18" S 922.13	12" E 924.93		
16251	CB	929.26	12" W 925.31				
16255	CB	929.90	12" N 925.60				
16489	MH	930.72	18" N 920.72	18" S 920.67	12" W 922.17		

No.	TYPE	RIM	INVERTS				
16493	MH	930.80	18" N 920.20	18" S 920.20	12" W 920.25		
16548	MH	927.90	24" N 918.90	27" S 918.75	12" NW 922.00		
16636	CB	926.15	12" NW 922.05	12" SE 922.05			
16671	CB	927.92	12" S 923.27				
16688	CB	926.28	18" NW 922.25	18" SW 922.15			
16768	MH	926.78	30" NW 918.99	27" N 919.09	36" SE 918.99	PER RECORD CANT OPEN	
16769	CB	926.55	12" SE 922.30				
17060	MH	927.69	12" E 922.49	12" W 922.69			
17225	CB	927.48	24" N 919.78	24" S 919.43	12" W 920.68		
17246	CB	927.96	12" E 920.46				
17252	CB	928.07	12" E 922.47	12" SW 922.47			
17264	CB	927.92	12" E 924.22				
17316	MH	924.83	12" N 921.03				
17666	CB	927.26	6" E 923.10				
17734	CB	925.50	12" NW 922.05				
17767	CB	926.49	18" NE 921.48	12" SE 921.58	6" W 922.78		
17771	CB	925.46	12" N 921.76				
17772	MH	926.16	15" NW 920.79	15" SE 920.79	12" S 921.79	PER RECORD CANT OPEN	
17836	MH	926.82	15" SW 921.14	15" SE 921.04	PER RECORD CANT OPEN		
17896	MH	927.34	15" NE 920.24	15" NW 920.24			
17911	CB	924.29	12" NE 920.94				
17924	CB	925.25	12" E 921.55				
18023	CB	924.19	12" N 920.49	12" S 920.49			
18030	CB	925.77	15" NE 919.82	12" S 919.97	12" SW 919.97	12" W 920.87	
18062	MH	926.38	12" SE 919.88	15" SW 919.88	24" NW 919.88	PER RECORD CANT OPEN	
18087	MH	926.12	12" N 921.70				
18122	MH	926.75	30" SE 919.30	27" NW 919.30	12" S 921.25		
18255	MH	928.02	15" SW 920.10	24" SE 920.10	6" W 921.20		
18278	MH	928.29	4" W 924.99	6" E 922.69			
18841	CB	931.94	12" SW 924.54	12" N 924.94			
18842	CB	931.57	12" S 925.37	12" N 925.47	12" W 925.47		
18850	CB	931.13	12" S 924.53	12" NE 924.43			
18865	CB	918.81	12" NW 913.91	12" E 914.06	8" N 916.91		
18866	CB	914.65	12" SW 910.65				

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Existing Conditions

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

DATE: ISSUED FOR:

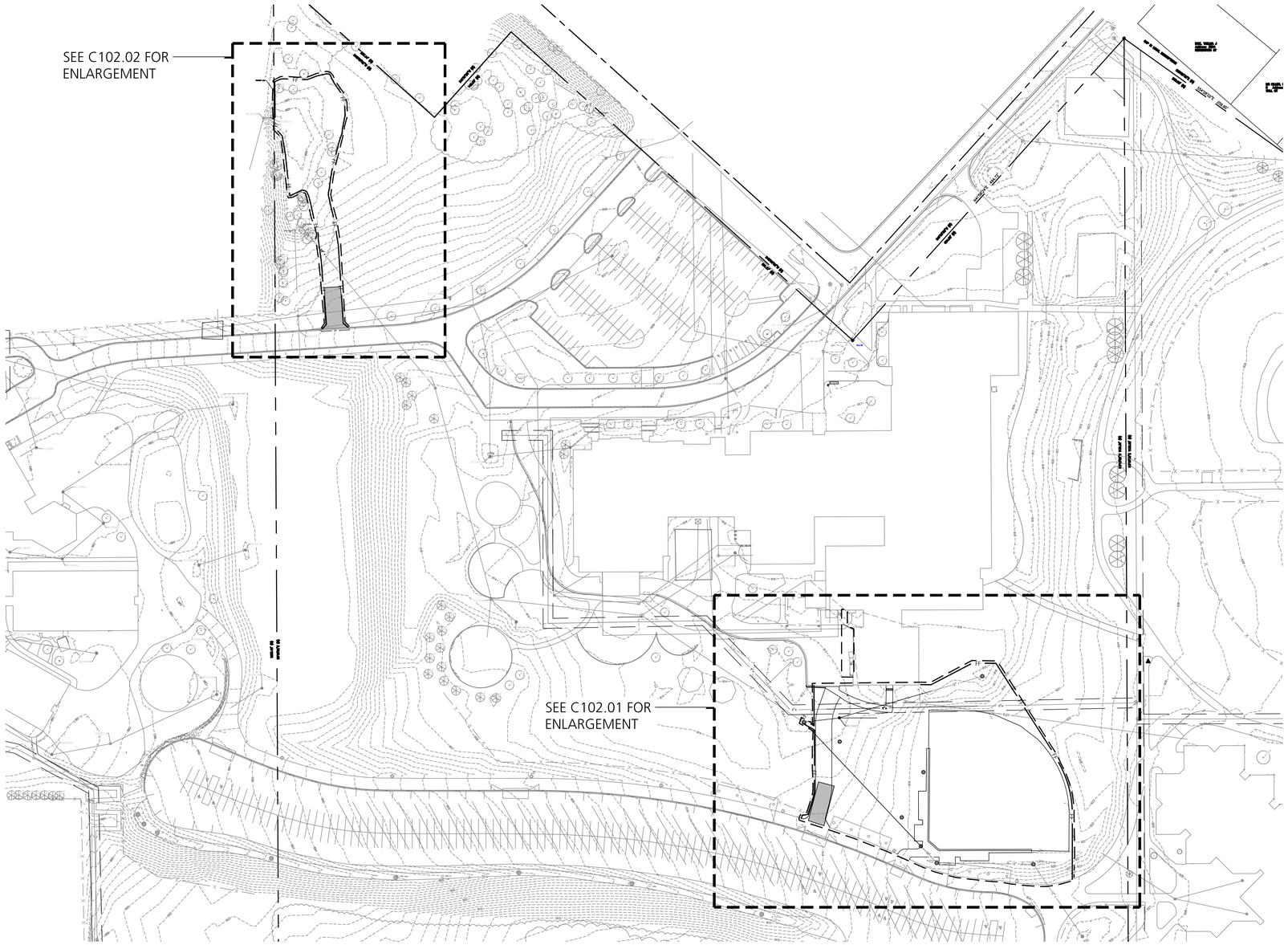
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

C101.03



MDTMB SESC LEGEND

NOTE: SEE SPECIFICATIONS FOR WRITTEN DESCRIPTION INSTALLATION AND MAINTENANCE.

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

S53 — MDTMB 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 — MDTMB INLET PROTECTION FABRIC DROP SYSTEM: USE AT STORMWATER INLETS, ESPECIALLY AT CONSTRUCTION SITES

E8 — MDTMB 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

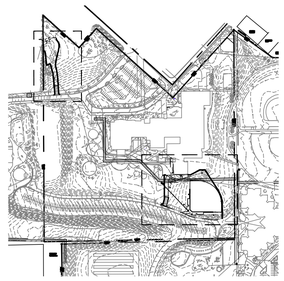
1. THIS PROJECT MUST BE CONSTRUCTED IN COMPLIANCE WITH PART 91 OF MICHIGAN NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT 451 OF 1994, AS AMENDED, THE SOIL EROSION AND SEDIMENT CONTROL ACT.
2. PRIOR TO CONSTRUCTION A SOIL EROSION PERMIT SHALL BE OBTAINED FROM WASHTENAW COUNTY WATER RESOURCES COMMISSIONER. 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.:
HD-08-06-475-001
LEGAL DESCRIPTION:
COM AT S 1/4 COR OF SEC 6, TH N 89-01-30 E 993.50 FT, TH N 00-10-00 W 349.14 FT FOR A POB, TH N 00-10-00 W 1233.46 FT, TH S 47-58-00 E 267.14 FT, TH N 42-00-00 E 140.00 FT, TH S 47-58-00 E 561.27 FT, TH N 42-04-10 E 494.56 FT, TH S 00-10-00 E 1131.01 FT, TH S 89-01-30 W 1038.00 FT TO THE POB. PT SE 1/4 SEC 6, T2S-R5E
PARCEL SIZE: 23.94 ACRES
DISTURBED AREA: 1.67 ACRES
DISTANCE TO WATER OF THE STATE: 2200FT, 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), WAWASEE LOAM, 2 TO 6 PERCENT SLOPES (WawabB), AND WAWASEE LOAM, 6 TO 12 PERCENT SLOPES (WawabC). THE SOIL DESCRIPTION INDICATES THE SOIL IS LARGELY COMPRISED OF LOAM AND IS WELL DRAINED.

KEY PLAN



NORTH

SCALE: 1" = 60'

0 30 60 120 FT

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

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Overall Soil Erosion and Sedimentation Control

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS
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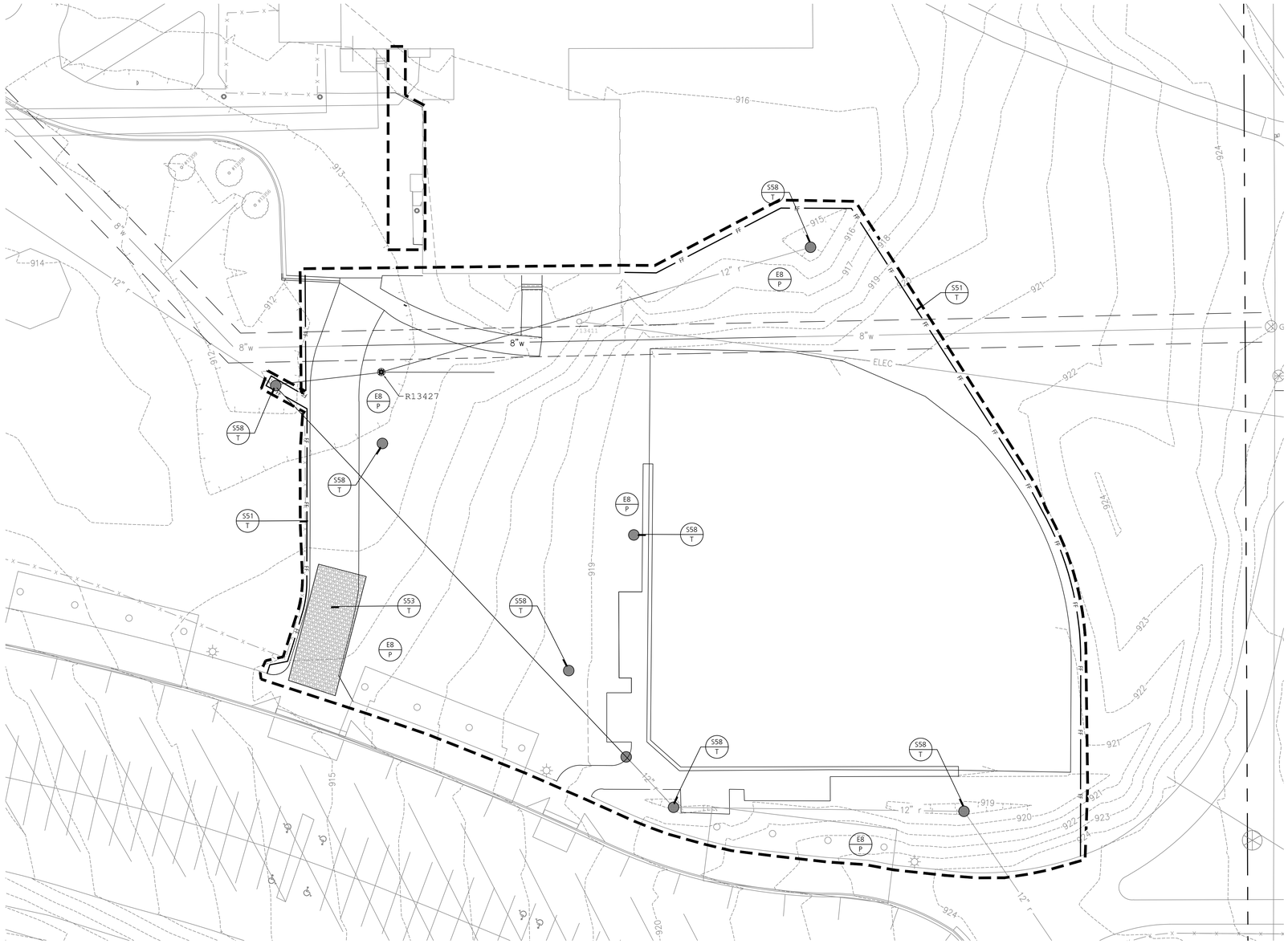
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

C102.00



MDTMB SESC LEGEND

NOTE: SEE SPECIFICATIONS FOR WRITTEN DESCRIPTION INSTALLATION AND MAINTENANCE.

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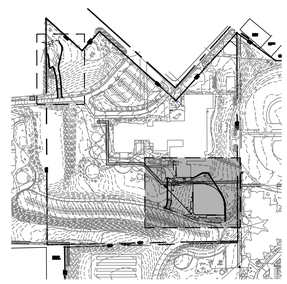
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LIMIT OF DISTURBANCE

SOIL EROSION CONTROL NOTES

1. SEE SHEET C102.00 FOR SESC NOTES

KEY PLAN



NORTH

SCALE: 1" = 20'

0 10 20 40 FT

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Soil Erosion and Sedimentation Control Enlargement

ISSUE DATES

DATE:	ISSUED FOR:
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01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

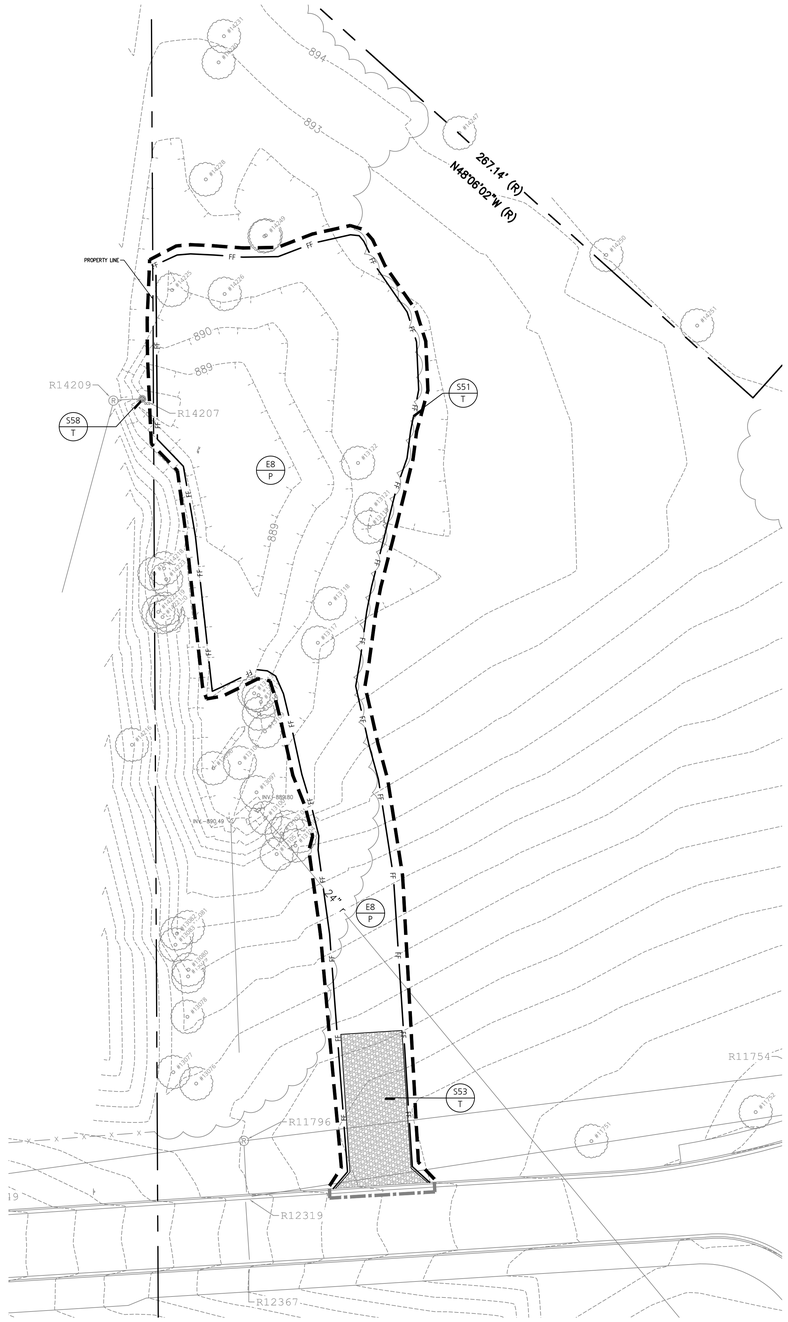
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

C102.01



MDTMB SESC LEGEND

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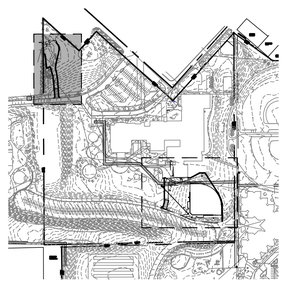
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LIMIT OF DISTURBANCE

SOIL EROSION CONTROL NOTES

1. SEE SHEET C102.00 FOR SESC NOTES

KEY PLAN



NORTH

SCALE: 1" = 20'

0 10 20 40 FT

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

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Soil Erosion and Sedimentation Control Enlargement

ISSUE DATES

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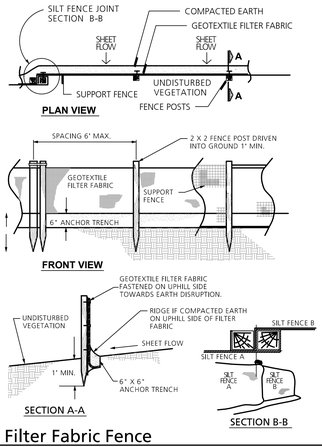
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

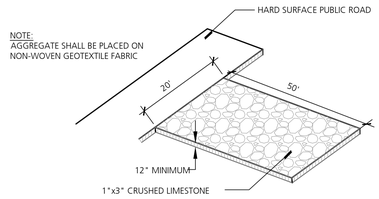
25023D

DRAWING NO.

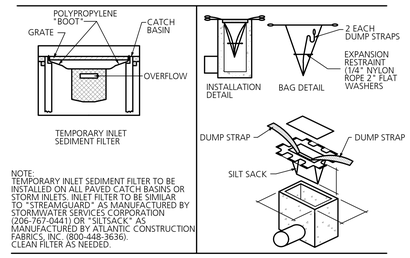
C102.02



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	CATCH BASIN INLET CASTINGS	VEGETATIVE SWALE	SCHEDULE
INSPECT FOR SEDIMENT ACCUMULATION	X	X	X	X	WEEKLY
REMOVAL OF SEDIMENT ACCUMULATION	X	X	X	X	AS NEEDED AND PRIOR TO TURNOVER
INSPECT FOR FLOATABLES AND DEBRIS	X	X	X	X	QUARTERLY AND AT TURNOVER
REMOVAL OF FLOATABLES AND DEBRIS	X	X	X	X	QUARTERLY AND AT TURNOVER
INSPECT FOR EROSION	X	X	X	X	AS NEEDED AND PRIOR TO TURNOVER
RE-ESTABLISH VEGETATION	X	X	X	X	AS NEEDED AND PRIOR TO TURNOVER
CLEANING STREETS/PAVEMENT	X	X	X	X	AS NEEDED
VACUUM TO REMOVE SEDIMENT	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	ANNUALLY AND PRIOR TO TURNOVER
MAKE ADJUSTMENTS OR REPLACEMENTS AS DETERMINED BY PRE-TURNOVER INSPECTION	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	CATCH BASIN INLET CASTINGS	VEGETATIVE SWALE	SCHEDULE
INSPECT FOR SEDIMENT ACCUMULATION	X	X	X	X	ANNUALLY AT A MINIMUM
REMOVAL OF SEDIMENT ACCUMULATION	X	X	X	X	AS NEEDED
INSPECT FOR FLOATABLES AND DEBRIS	X	X	X	X	ANNUALLY AT A MINIMUM
REMOVAL OF FLOATABLES AND DEBRIS	X	X	X	X	AS NEEDED
INSPECT FOR EROSION	X	X	X	X	AS NEEDED AND PRIOR TO TURNOVER
RE-ESTABLISH VEGETATION	X	X	X	X	AS NEEDED AND PRIOR TO TURNOVER
CLEANING STREETS/PAVEMENT					AS NEEDED
VACUUM TO REMOVE SEDIMENT	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	ANNUALLY

CONSTRUCTION SEQUENCE

CONSTRUCTION SEQUENCE	PHASE 1 BEGINS: OPERATION TIME SCHEDULE 2026 JULY	AUG	SEPT	OCT	NOV	DEC	OPERATION TIME SCHEDULE 2027 JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	PHASE 2 BEGINS: SEPT	OCT	NOV	DEC	OPERATION TIME SCHEDULE 2028 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																									

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Soil Erosion and Sedimentation Control Details

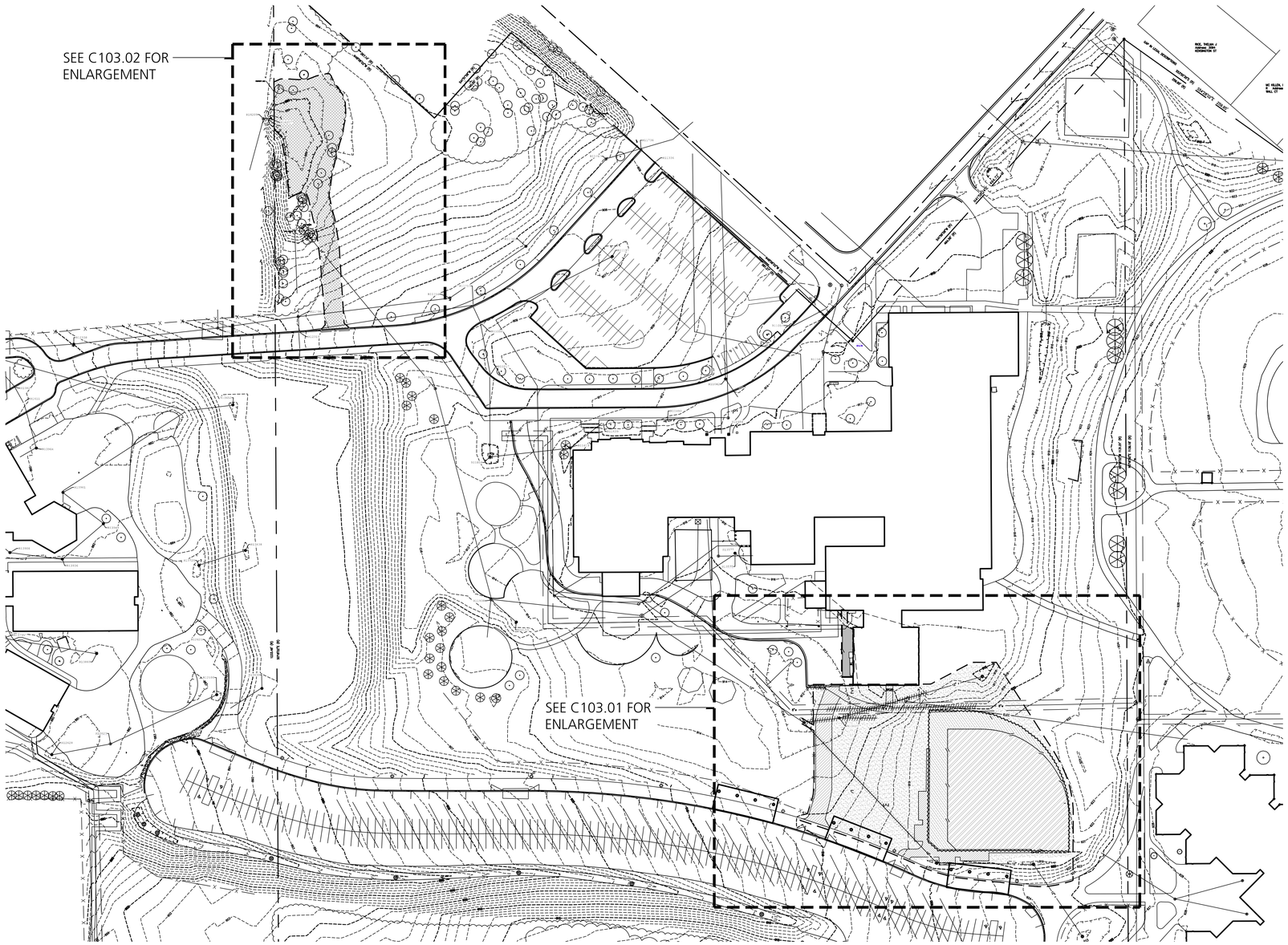
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DATE:	ISSUED FOR:
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01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

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

PROJECT NO.
25023D

DRAWING NO.
C102.03



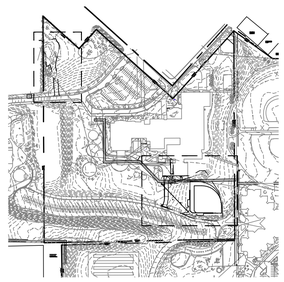
DEMOLITION LEGEND

- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE SYNTHETIC SAFETY SURFACING AND PROTECT ASPHALT UNDERNEATH
- REMOVE SYNTHETIC SAFETY SURFACING AND REMOVE ASPHALT UNDERNEATH
- REMOVE LAWN
- CLEAR AND GRUB ALL UNDERSTORY MATERIAL
- LIMIT OF DISTURBANCE
- REMOVE UTILITY
- XXXXXXXXXXXXXXXXXXXXXXXXXXXX REMOVE WALL, CURB & GUTTER
- REMOVE FENCE
- SAWCUT
- (R) REMOVE ITEM
- (P) PROTECT ITEM
- (S) SALVAGE ITEM TO OWNER
- REMOVE TREE

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. CONTRACTOR SHALL REPAIR ALL DISTURBED TURF AREAS OUTSIDE OF PROJECT LIMITS DAMAGED DURING CONSTRUCTION.
10. ALL TOPSOIL AND ORGANIC MATERIAL SHALL BE REMOVED FROM UNDER PROPOSED BUILDING, FOOTINGS, SLABS, AND PAVED AREAS.
11. ALL SPOIL MATERIAL, INCLUDING TOPSOIL, TO BE REMOVED OFF SITE AND DISPOSED IN A LEGAL MANNER.
12. CONTRACTOR TO RELOCATE TREE PROTECTION FENCE WITH LANDSCAPE ARCHITECT/ENGINEER'S APPROVAL IN ORDER TO ACCOMPLISH WORK.
13. 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.
14. DISCHARGE OF WATER, DUST, OR DEBRIS FROM CONCRETE AND ASPHALT WORK TO STORM OR SANITARY SYSTEMS IS PROHIBITED.
15. STORM DRAINS MUST BE PROTECTED FROM DUST AND DEBRIS.
16. 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.
17. STAGING AREAS AND ACCESS TO BE DETERMINED BY CONSTRUCTION MANAGER.

KEY PLAN



NORTH

SCALE: 1" = 60'

0 30 60 120 FT

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

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Overall Demolition Plan

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS
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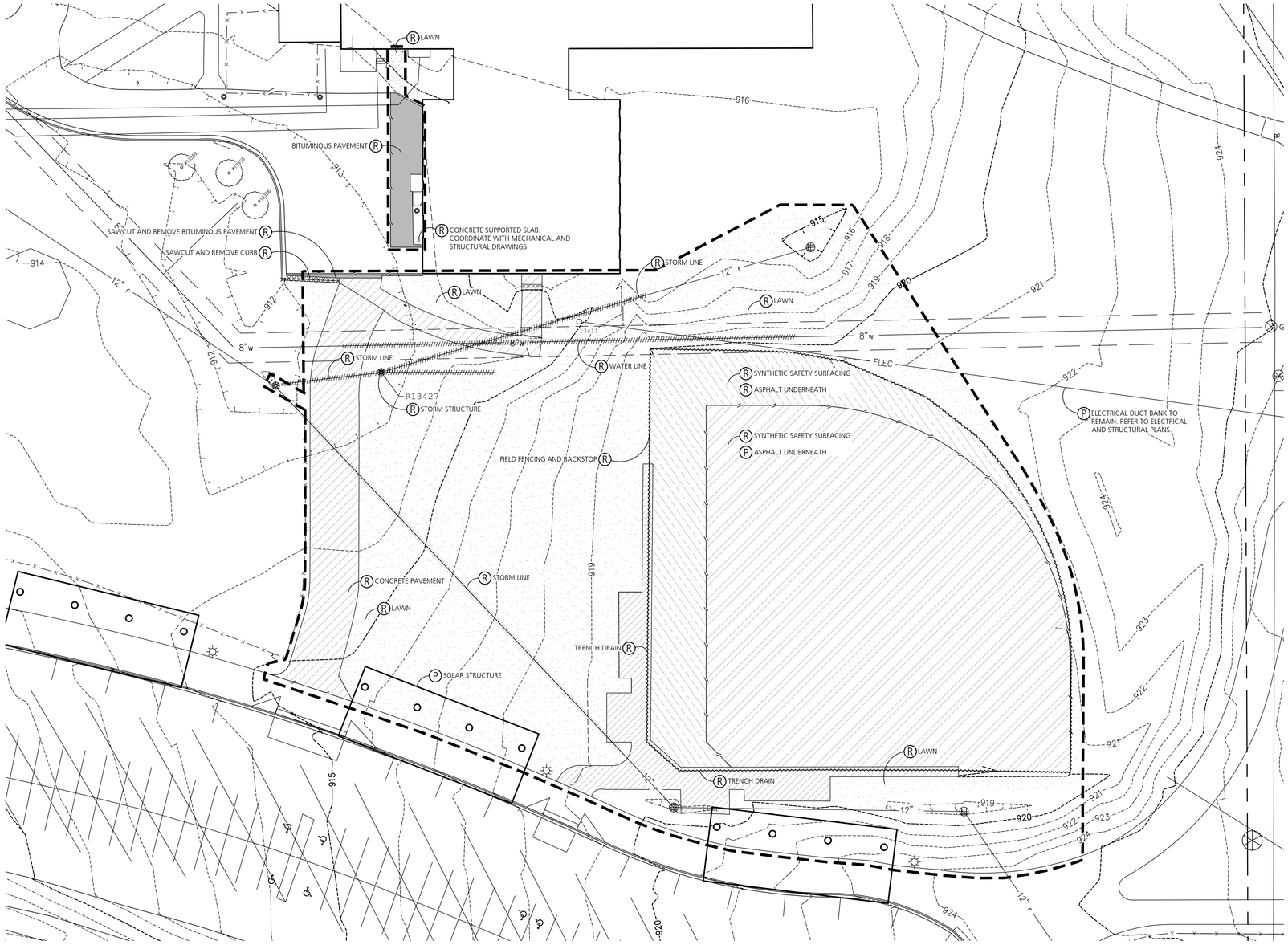
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

C103.00



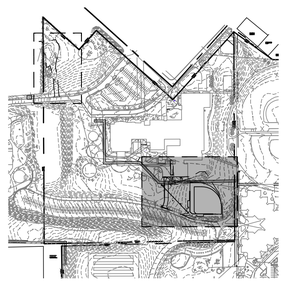
DEMOLITION LEGEND

- REMOVE BITUMINOUS PAVEMENT
- REMOVE CONCRETE PAVEMENT
- REMOVE SYNTHETIC SAFETY SURFACING AND PROTECT ASPHALT UNDERNEATH
- REMOVE SYNTHETIC SAFETY SURFACING AND REMOVE ASPHALT UNDERNEATH
- REMOVE LAWN
- CLEAR AND GRUB ALL UNDERSTORY MATERIAL
- LIMIT OF DISTURBANCE
- REMOVE UTILITY
- XXXXXXXXXXXXXXXXXXXXXXXXXX REMOVE WALL, CURB & GUTTER
- REMOVE FENCE
- SAWCUT
- (R) REMOVE ITEM
- (P) PROTECT ITEM
- (S) SALVAGE ITEM TO OWNER
- REMOVE TREE

DEMOLITION NOTES

1. SEE SHEET C103.00 FOR DEMOLITION NOTES

KEY PLAN



NORTH

SCALE: 1" = 20'

0 10 20 40 FT

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

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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

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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

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Demolition Enlargement Plan

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

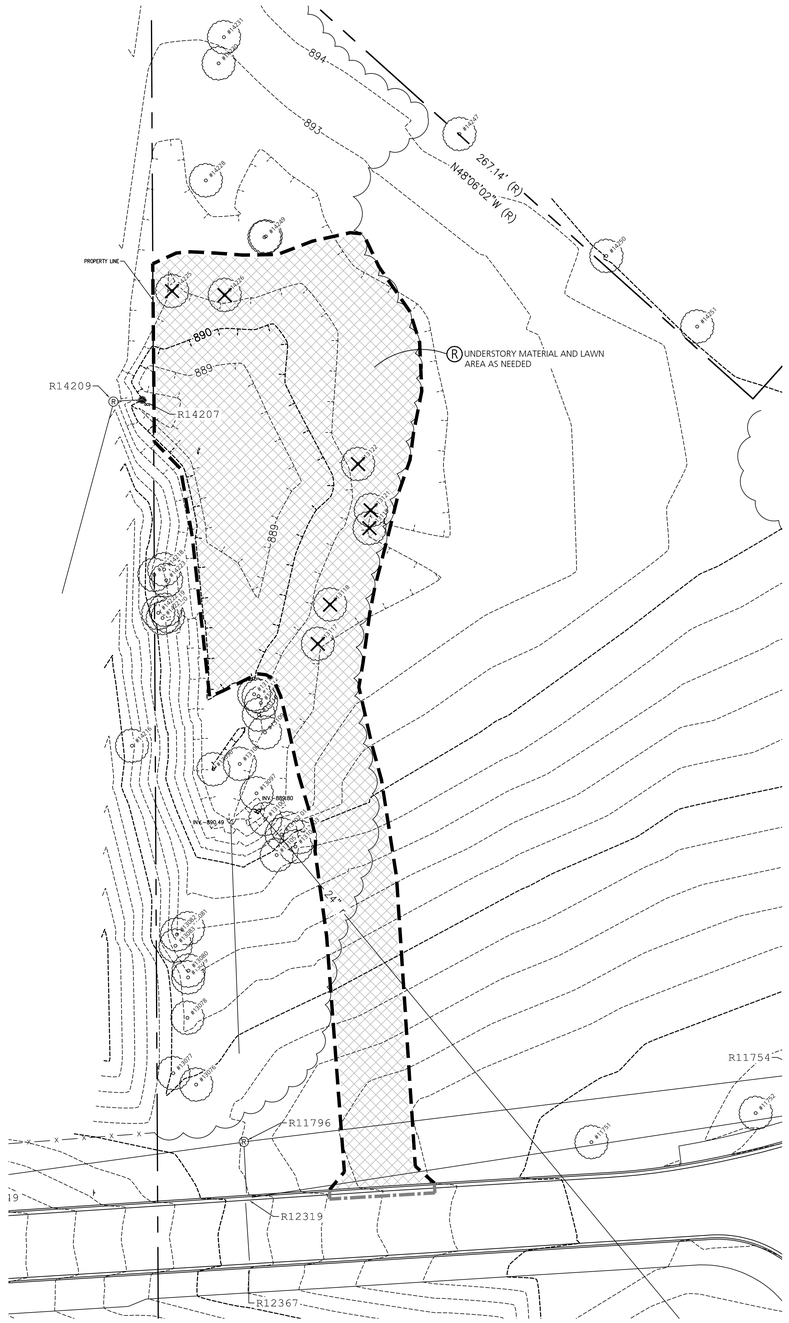
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DEMOLITION LEGEND

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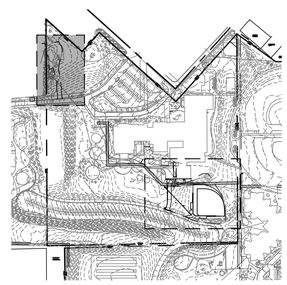
DEMOLITION NOTES

1. SEE SHEET C103.00 FOR DEMOLITION NOTES

TREE REMOVAL LIST

Tag Number	Species	DBH
13117	Walnut	7
13118	Boxelder	13
13119	Boxelder	13
13121	Boxelder	10
13122	Walnut	11
14225	Walnut	8
14226	Walnut	10

KEY PLAN



NORTH

SCALE: 1" = 20'

0 10 20 40 FT

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Demolition Enlargement Plan

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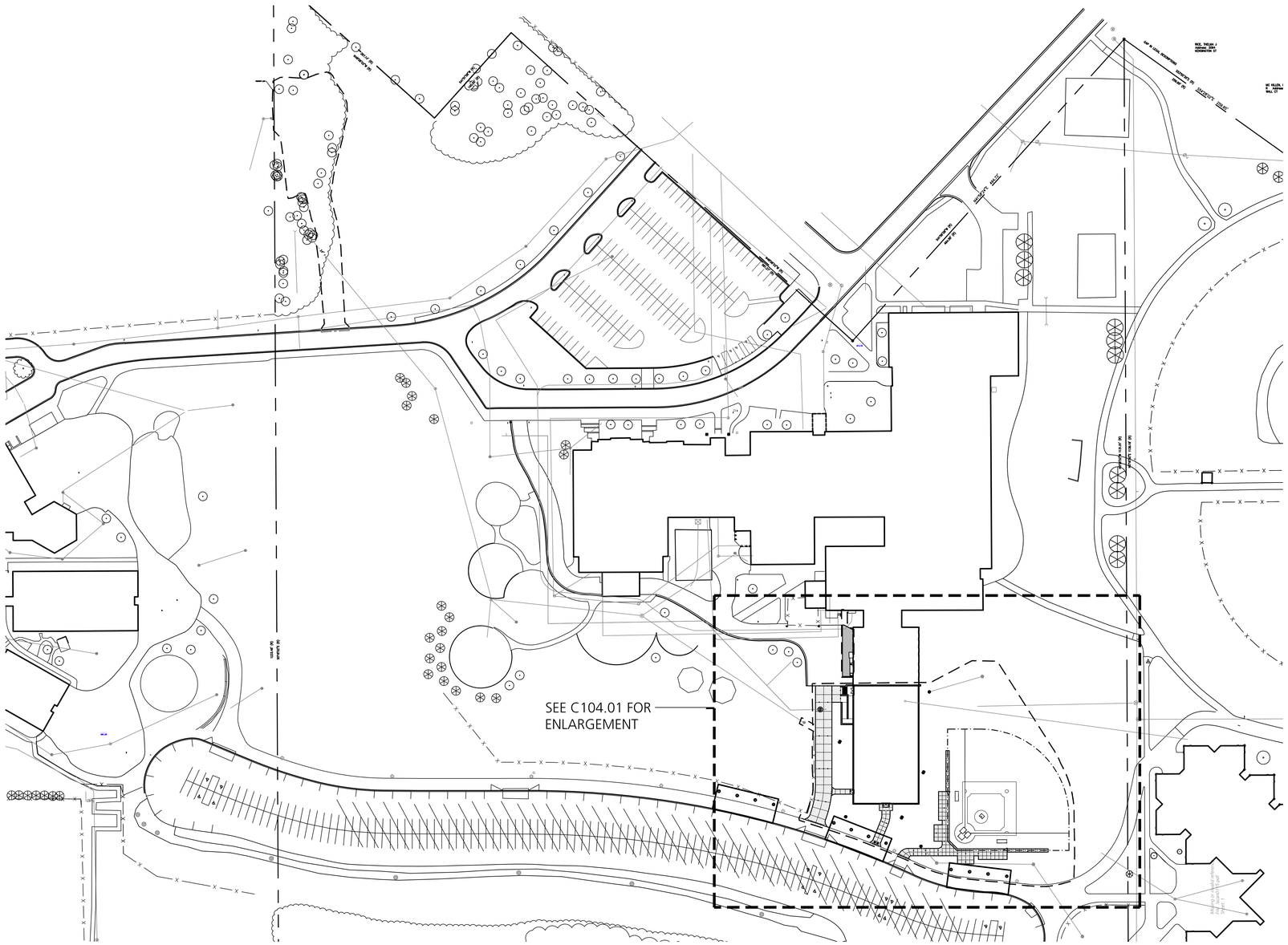
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

C103.02



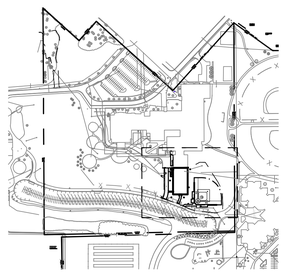
LAYOUT & MATERIALS LEGEND

- PARCEL LINE
- RIGHT-OF-WAY LINE
- PROPOSED LIMITS OF DISTURBANCE
- EXISTING BUILDING / STRUCTURE
- PROPOSED 4' CHAIN-LINK FENCE
- PROPOSED BITUMINOUS PAVEMENT
- EXPANSION JOINT / CONTROL JOINT — PROPOSED H.D. CONCRETE PAVEMENT
- PROPOSED 6' CHAIN-LINK FENCE GATE

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



NORTH

SCALE: 1" = 60'

0 30 60 120 FT

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

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1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
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734 663.2622 ph
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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Overall Layout & Materials Plan

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS
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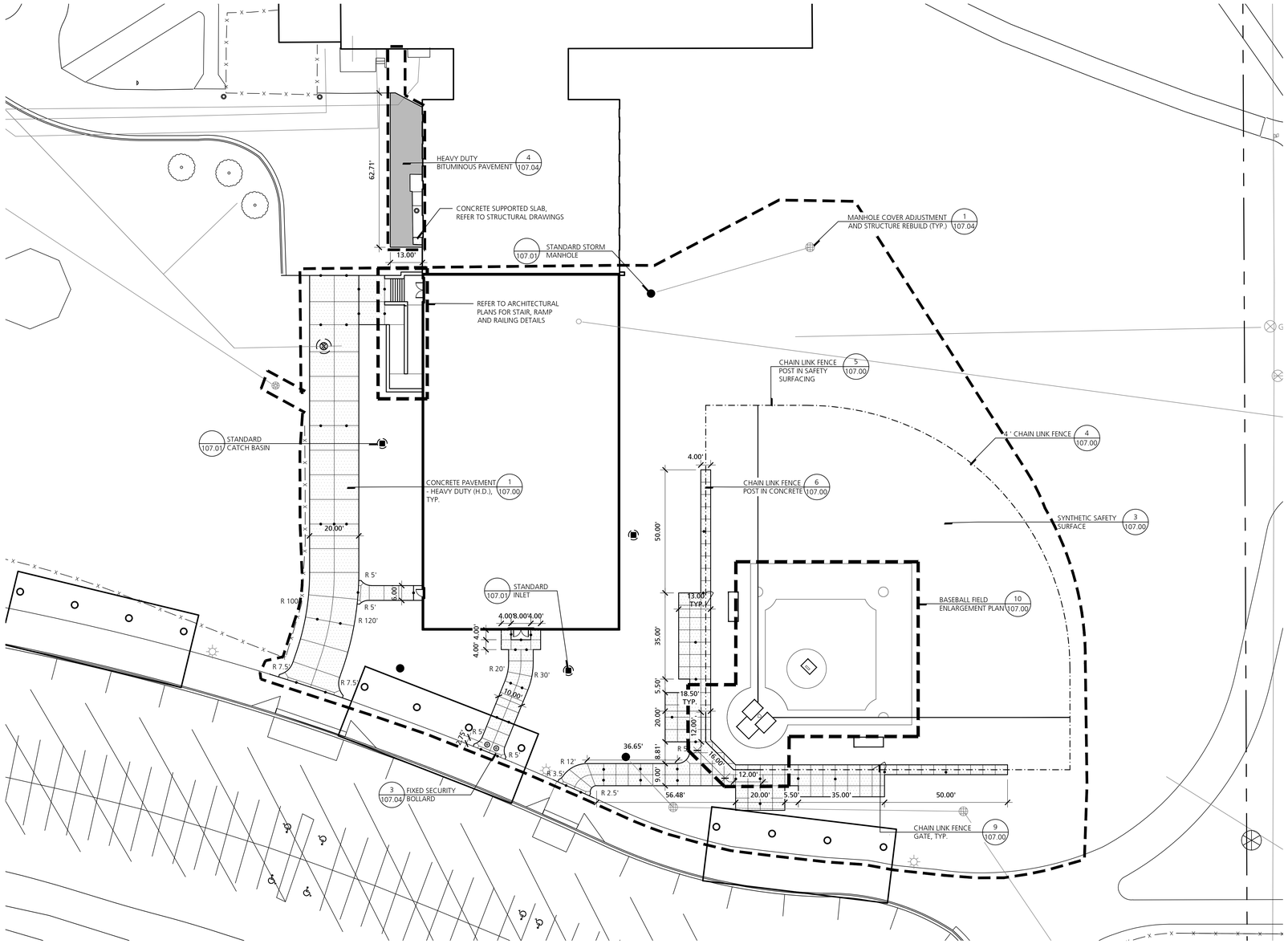
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

C104.00



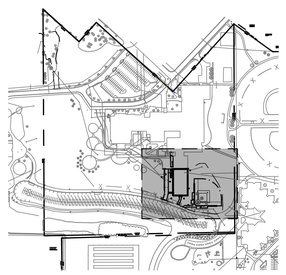
LAYOUT & MATERIALS LEGEND

- PARCEL LINE
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LAYOUT & MATERIALS NOTES

1. SEE C104.00 FOR LAYOUT & MATERIALS NOTES.

KEY PLAN



NORTH

SCALE: 1" = 20'
0 10 20 40 FT

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Layout & Materials Enlargement Plan

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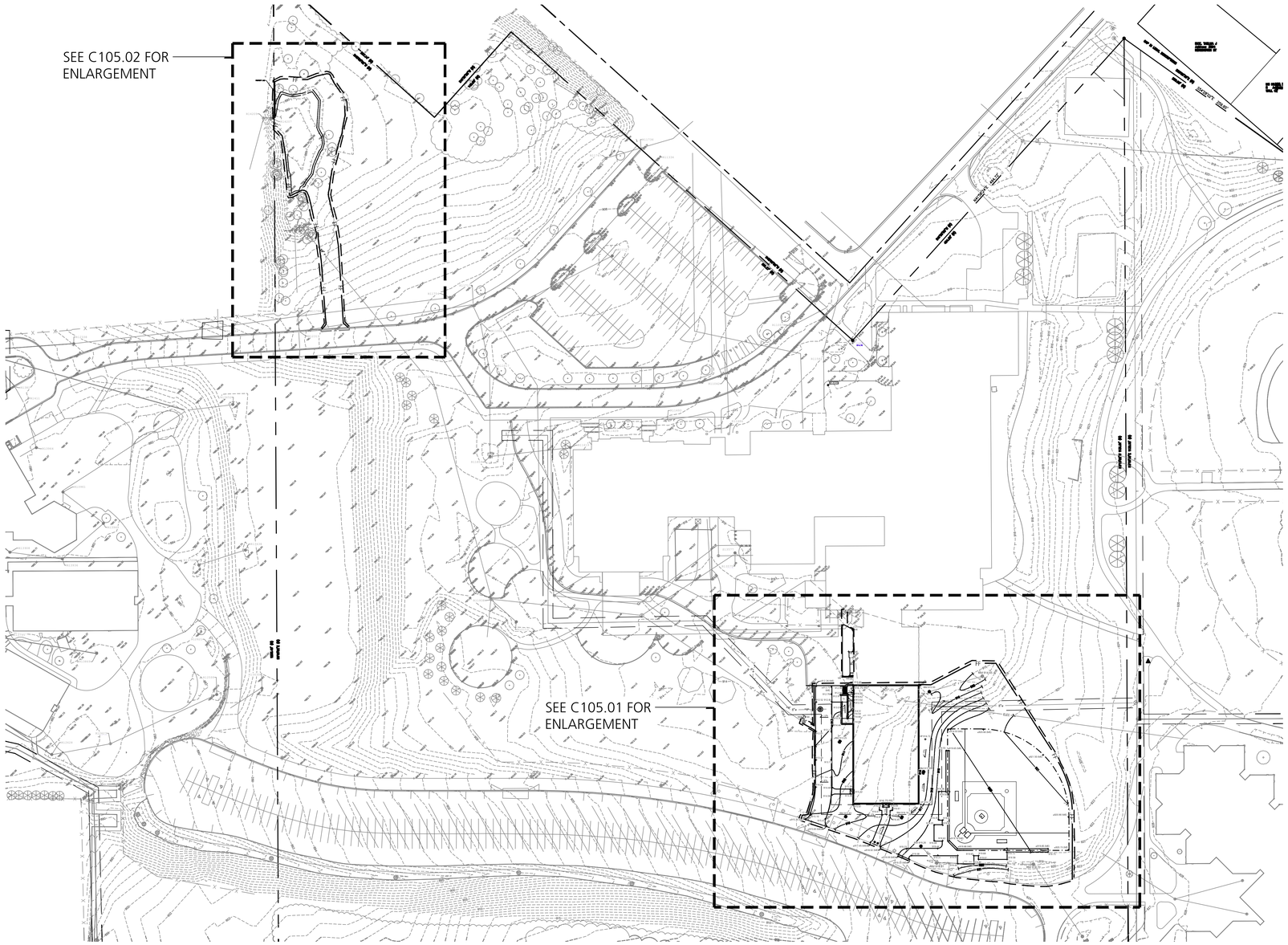
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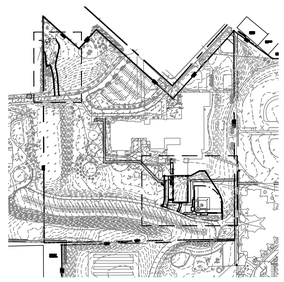
GRADING LEGEND

	PARCEL LINE
	RIGHT-OF-WAY LINE
	PROPOSED CONSTRUCTION FENCE
	PROPOSED TREE PROTECTION
FF	FILTER FABRIC FENCE
	LIMIT OF DISTURBANCE
+ 931.83	EXISTING SPOT GRADE
884	EXISTING MINOR CONTOUR
885	EXISTING MAJOR CONTOUR
885	PROPOSED MAJOR CONTOUR
888	PROPOSED MINOR CONTOUR
+ ME	MATCH EXISTING GRADE
+ 80.84	PROPOSED SPOT GRADE (+ X00)
RIM 89.00	PROPOSED RIM ELEVATION (+ X00)
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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 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



NORTH

SCALE: 1" = 60'

0 30 60 120 FT

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

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Overall Grading Plan

ISSUE DATES

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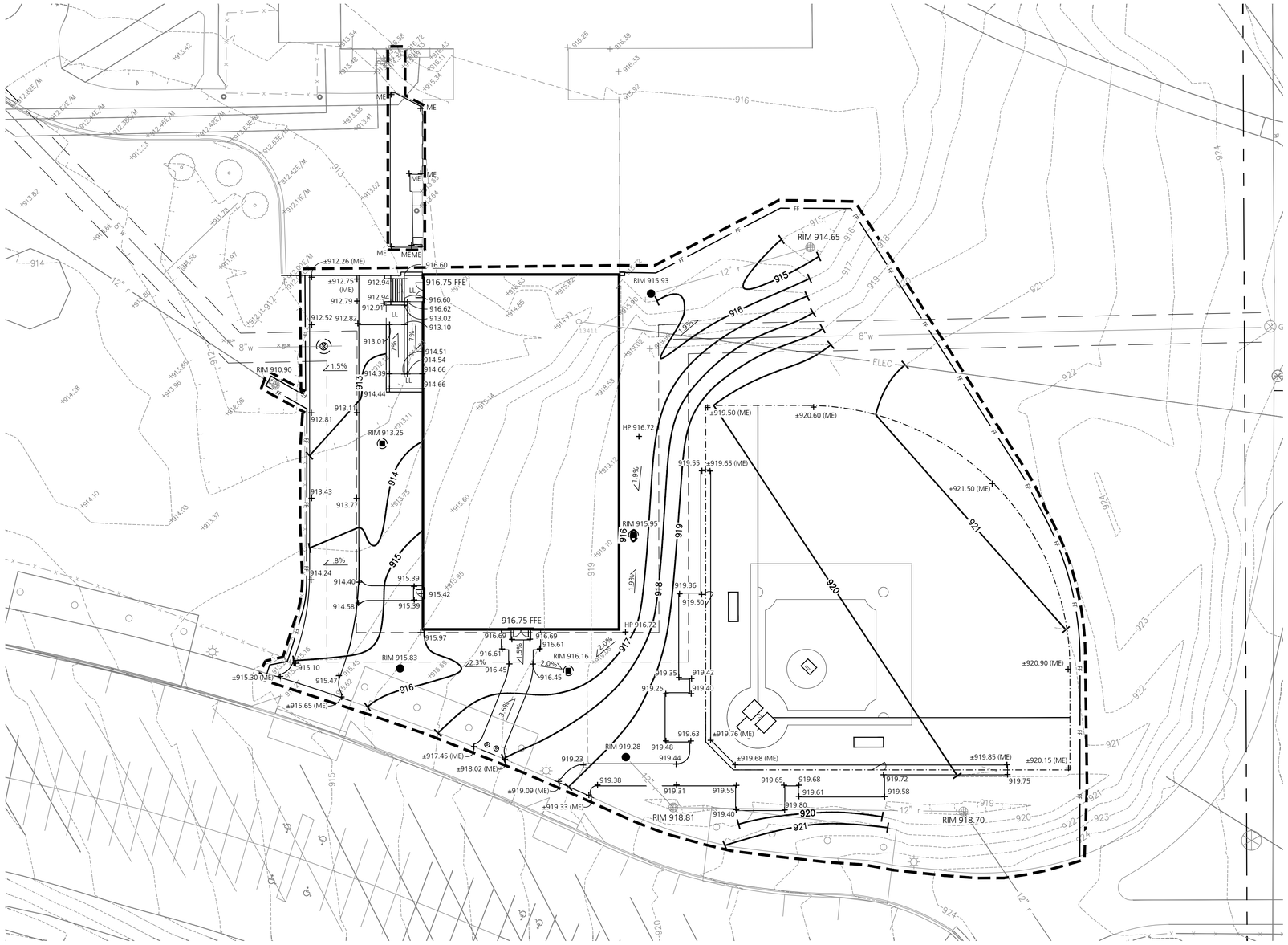
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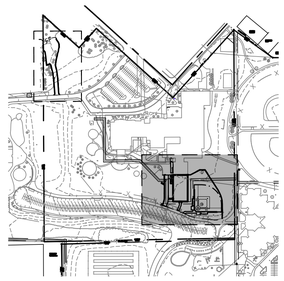
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GRADING NOTES

1. SEE C105.00 FOR GRADING NOTES.

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DRAWING TITLE

Grading Enlargement Plan

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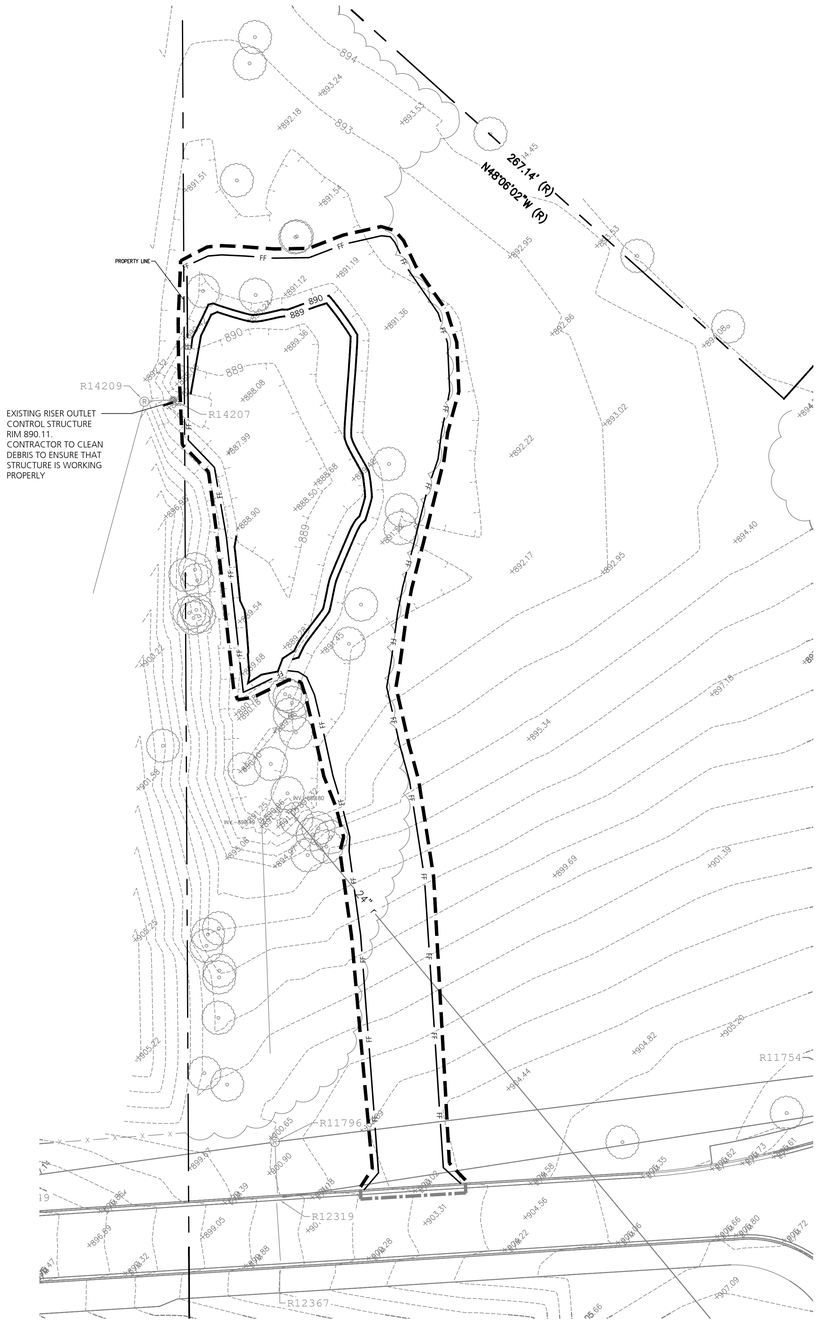
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C105.01



STORMWATER MANAGEMENT SUMMARY

A = 1.67 AC
C = 0.66

REQUIRED VOLUME PROPOSED

OUTLET RATE = 0.15 CFS/AC
VFF = 1,815*A*C = 2,008 CFT
QA = OUTLET RATE*A = 0.25 CFS/AC
Q0 = QA/(A*C) = 0.23 CFS/AC
T = -25+(10,312.5/Q0)^0.5 = 188 MIN
VS = 16,500*T/(T+25)-40*Q0*T = 12,860 AC/IMPERVIOUS
VT = VS*A*C = 14,228 CFT

REQUIRED VOLUME EXISTING

OUTLET RATE = 0.15 CFS/AC
VFF = 1,815*A*C = 1,718 CFT
QA = OUTLET RATE*A = 0.25 CFS/AC
Q0 = QA/(A*C) = 0.26 CFS/AC
T = -25+(10,312.5/Q0)^0.5 = 172 MIN
VS = 16,500*T/(T+25)-40*Q0*T = 1,2585 AC/IMPERVIOUS
VT = VS*A*C = 11,915 CFT

REQUIRED DETENTION POND VOLUME INCREASE = VT PROPOSED - VT EXISTING = 2,314 CFT

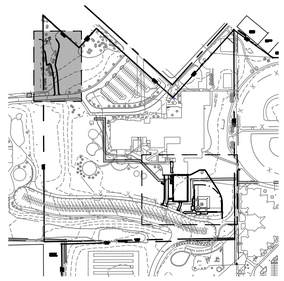
GRADING LEGEND

	PARCEL LINE
	RIGHT-OF-WAY LINE
	PROPOSED CONSTRUCTION FENCE
	PROPOSED TREE PROTECTION
FF	FILTER FABRIC FENCE
	LIMIT OF DISTURBANCE
+ 931.83	EXISTING SPOT GRADE
884	EXISTING MINOR CONTOUR
885	EXISTING MAJOR CONTOUR
885	PROPOSED MAJOR CONTOUR
888	PROPOSED MINOR CONTOUR
+ ME	MATCH EXISTING GRADE
+ 80.84	PROPOSED SPOT GRADE (+ X00)
RIM 89.00	PROPOSED RIM ELEVATION (+ X00)
INV 73.25	PROPOSED INVERT ELEVATION (+ X00)

GRADING NOTES

1. 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.

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Grading Enlargement Plan

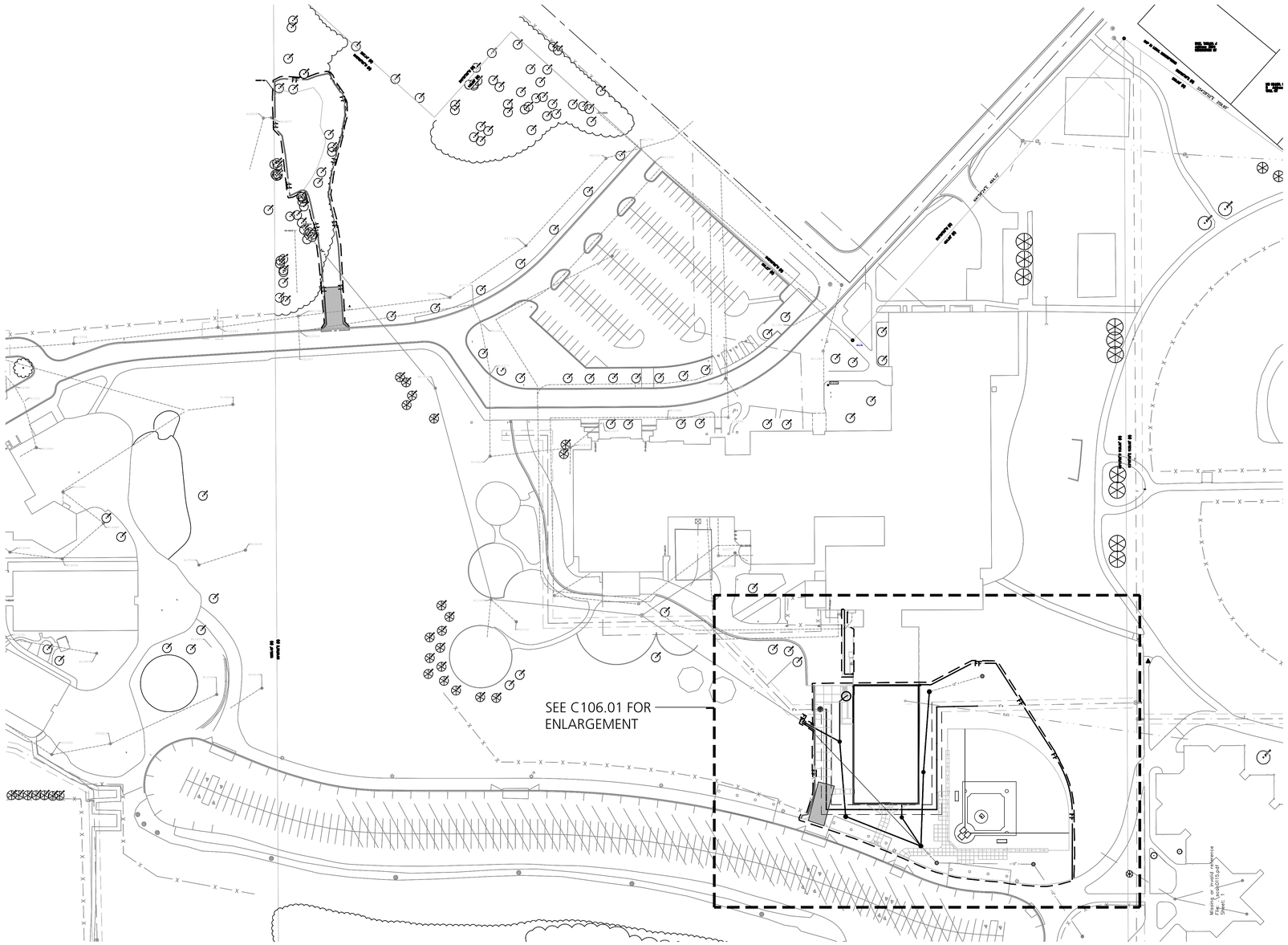
ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

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

PROJECT NO.
25023D

DRAWING NO.
C105.02



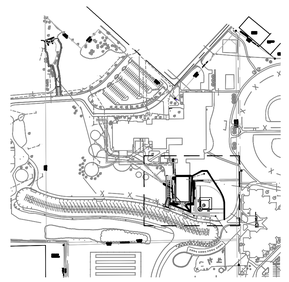
UTILITIES LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY LINE
- LIMIT OF DISTURBANCE
- 156LF 12" CL IV RCP @ 1.00% — PROPOSED STORM LINE
- 162LF 8" CL54 D.I. WATERMAIN — PROPOSED WATER LINE
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED GATE VALVE IN WELL (GVIW)

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



NORTH

SCALE: 1" = 20'

0 10 20 40 FT

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

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Overall Utilities Plan

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS
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DATE:	ISSUED FOR:

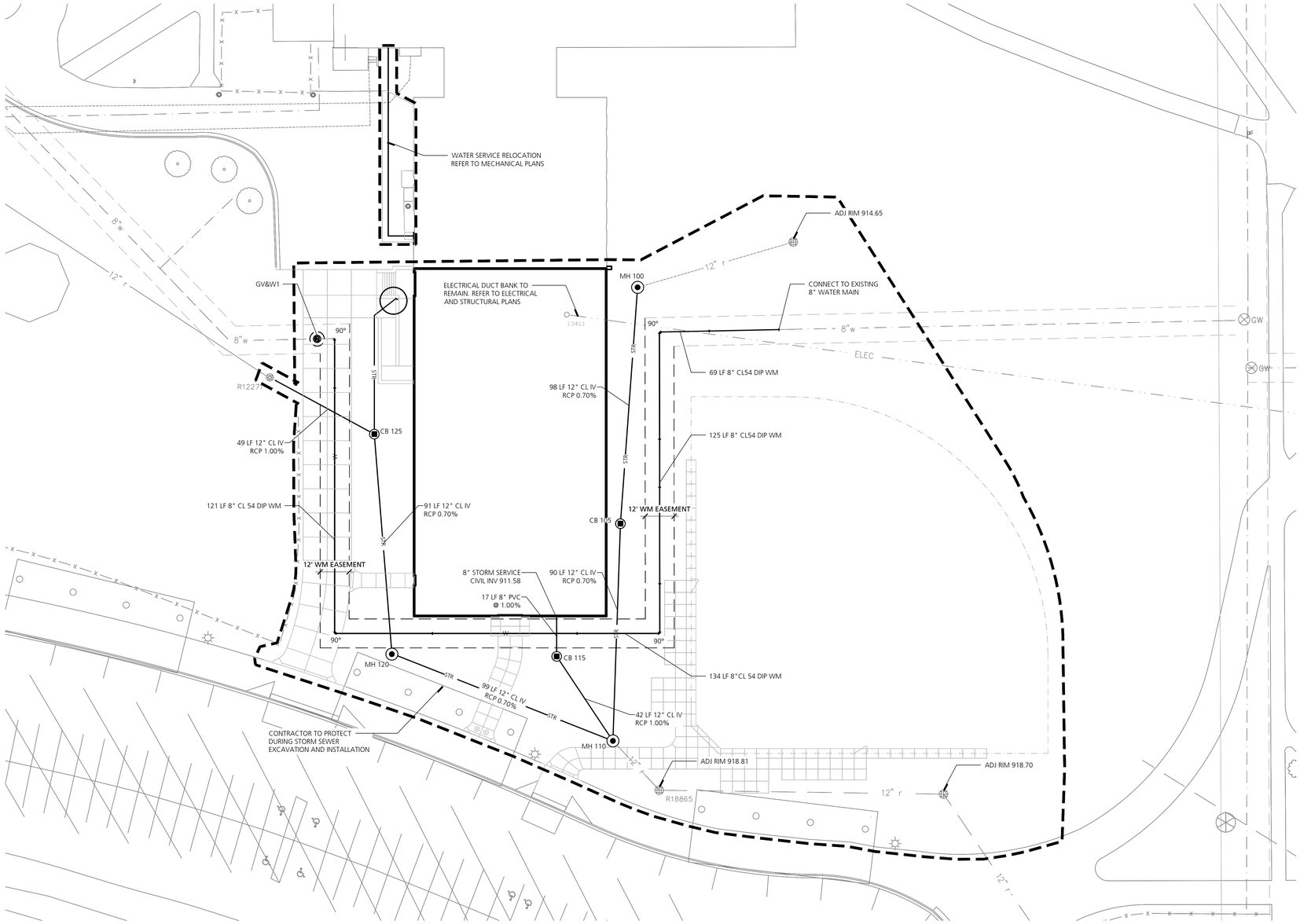
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

C106.00



UTILITIES LEGEND

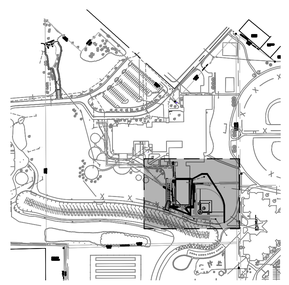
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- LIMIT OF DISTURBANCE
- 156LF 12" CL IV RCP @ 1.00% — PROPOSED STORM LINE
- 162LF 8" CL54 D.I. WATERMAIN — PROPOSED WATER LINE
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED GATE VALVE IN WELL (GVIW)

UTILITIES NOTES

1. SEE C106.00 FOR UTILITIES NOTES.

STORM STRUCTURE SCHEDULE					
STRUCTURE ID	TYPE	CASTING	RIM ELEV	INVERT ELEVATIONS	DETAIL
CB 105	48" DIA. CB	EJ GROUP 1040 TYPE N	915.95	INV 12" N 908.28 INV 12" S 908.18	DEXTER C107.02
CB 115	24" DIA. CB	EJ GROUP 1040 TYPE N	916.16	INV 8" N 911.58 INV 12" SE 911.25	DEXTER C107.02
CB 125	24" DIA. CB	EJ GROUP 1040 TYPE N	913.25	INV 12" S 906.02 INV 4" N 909.92 INV 12" NW 904.29	DEXTER C107.02
EX CB 12271	48" DIA. CB	EXISTING	910.90	INV 12" SE 903.80 INV 12" NW 903.55	EXISTING EXISTING
MH 100	48" DIA. MH	EJ GROUP 1040 TYPE B	915.93	INV 12" E 909.07 INV 12" S 908.97	DEXTER C107.02
MH 110	48" DIA. CB	EJ GROUP 1040 TYPE B	919.28	INV 12" SE 912.74 INV 12" NW 910.83 INV 12" N 907.55 INV 12" W 907.45	DEXTER C107.02
MH 120	48" DIA. MH	EJ GROUP 1040 TYPE B	915.83	INV 12" E 906.76 INV 12" N 906.66	DEXTER C107.02

KEY PLAN



NORTH

SCALE: 1" = 20'
0 10 20 40 FT

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

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Utilities Plan

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

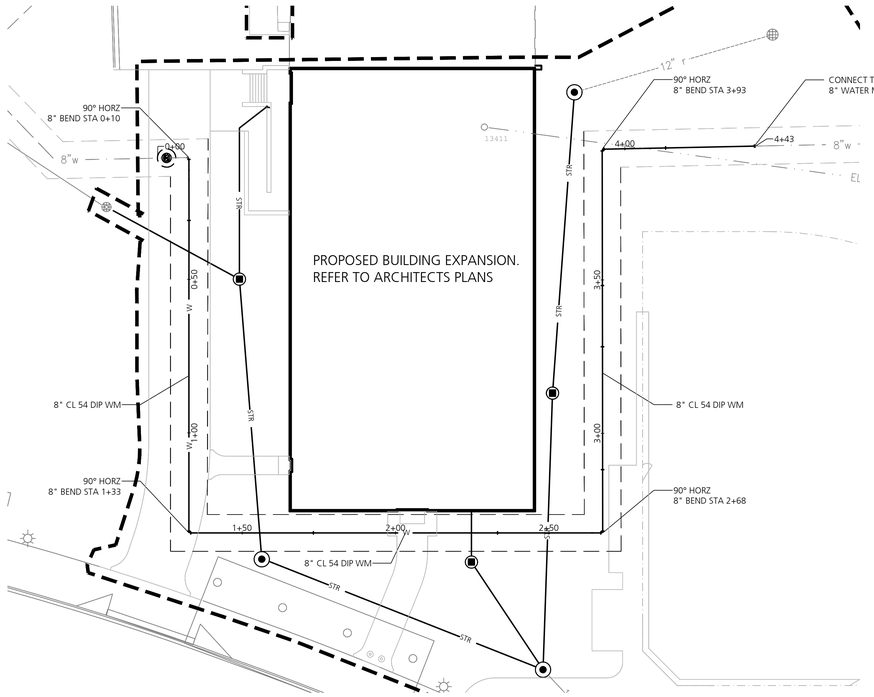
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

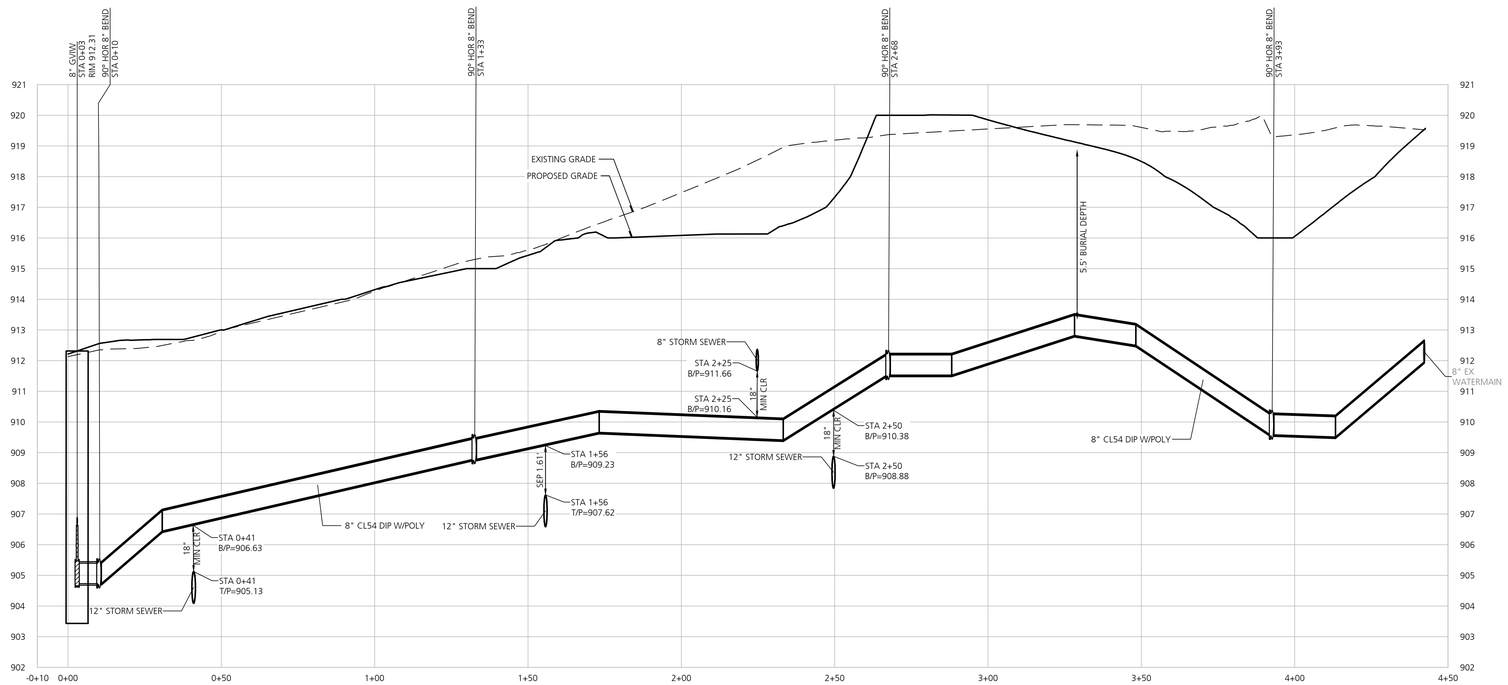
DRAWING NO.

C106.01



1 WATER MAIN (PLAN 0+00 TO 4+32)

SCALE: 1" = 20'



2 WATER MAIN (PROFILE 0+00 TO 4+32)

SCALE: 1" = 20'

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Water Profiles

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

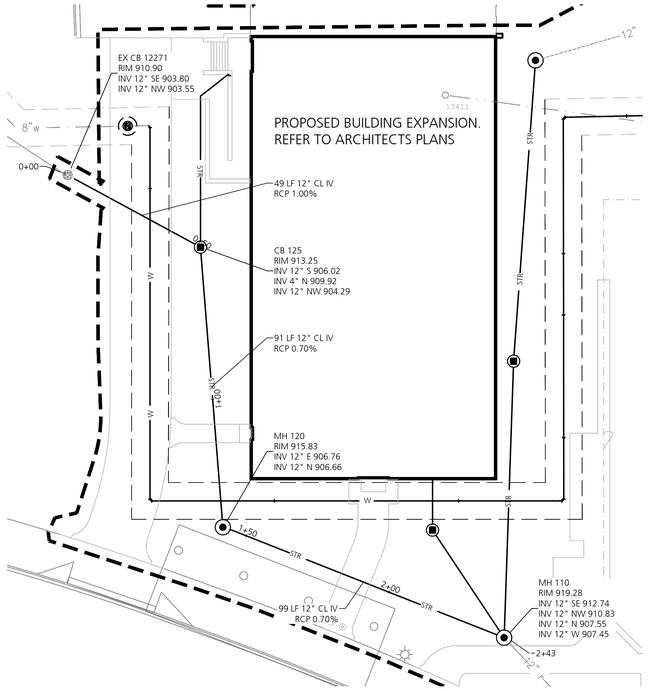
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

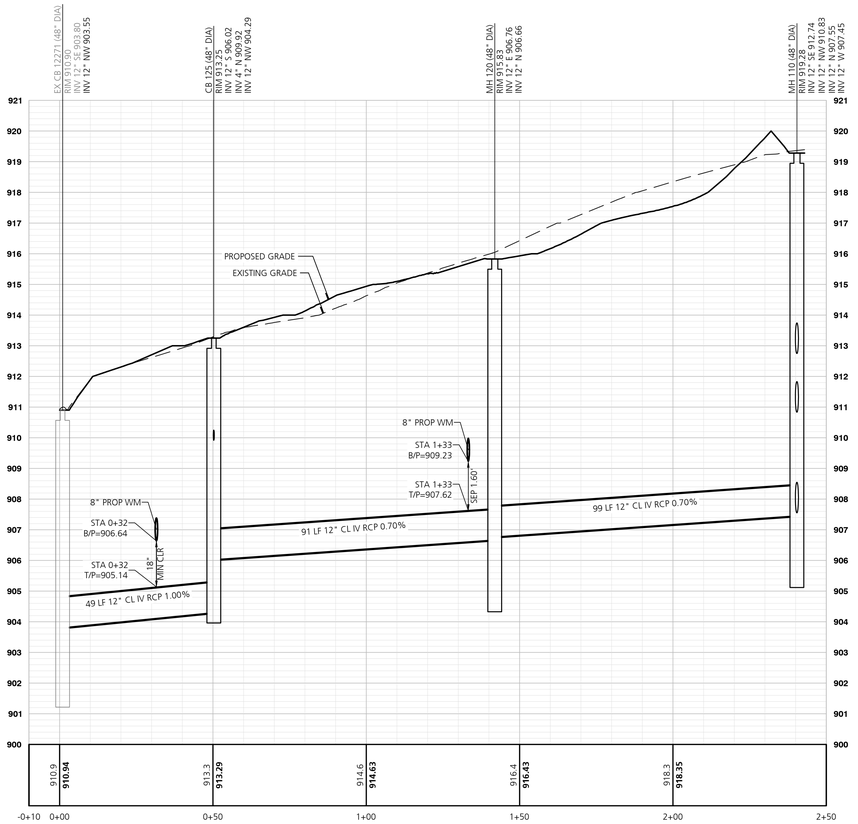
25023D

DRAWING NO.

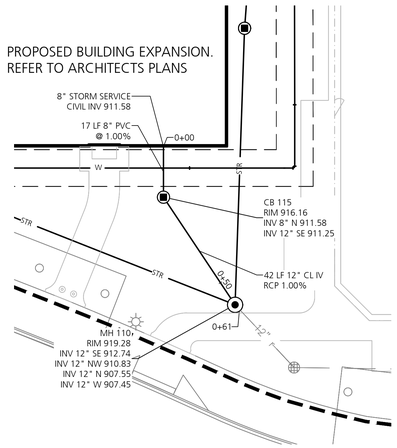
C106.02



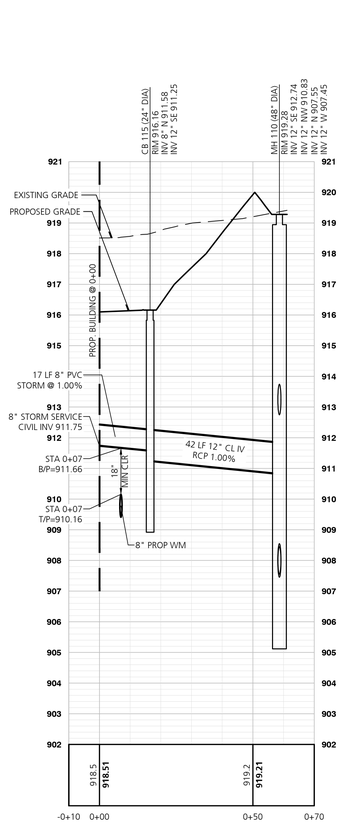
1 STORM EX CB 12271 TO MH 110 (PLAN 0+00 TO 2+43)
SCALE: 1" = 20'



2 STORM EX CB 12271 TO MH 110 (PROFILE 0+00 TO 2+43)
SCALE: 1" = 20'



3 STORM BLDG TIE IN TO MH 110 (PLAN 0+00 TO 0+61)
SCALE: 1" = 20'



4 STORM BLDG TIE IN TO MH 110 (PROFILE 0+00 TO 0+61)
SCALE: 1" = 20'

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Storm Profiles

ISSUE DATES

12-06-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

DATE:	ISSUED FOR:

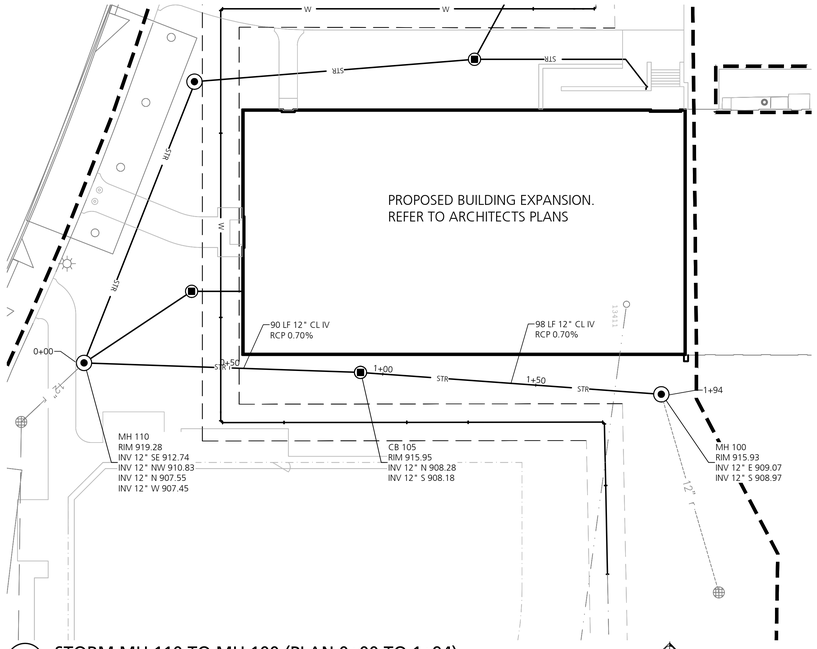
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

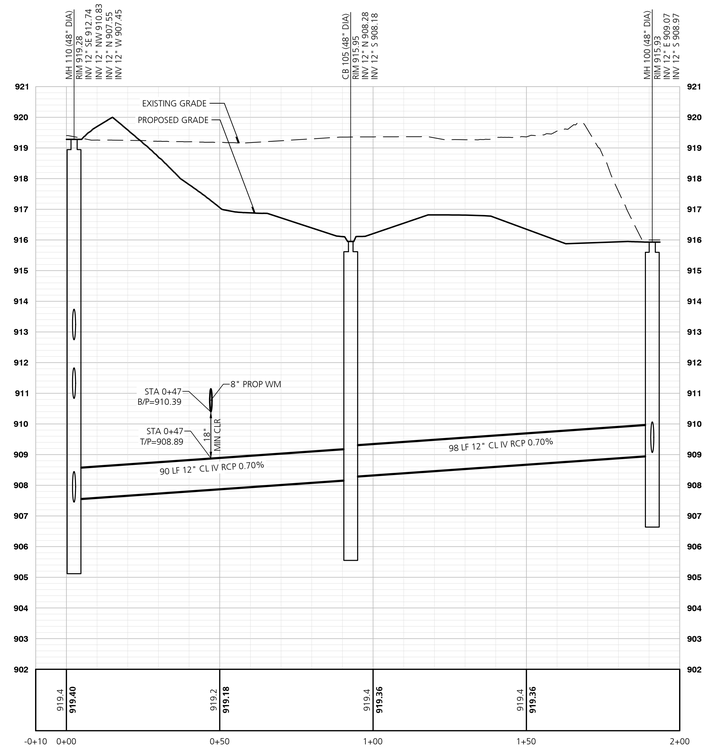
25023D

DRAWING NO.

C106.03



1 STORM MH 110 TO MH 100 (PLAN 0+00 TO 1+94)
SCALE: 1" = 20'



2 STORM MH 110 TO MH 100 (PROFILE 0+00 TO 1+94)
SCALE: 1" = 20'

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Storm Profiles

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

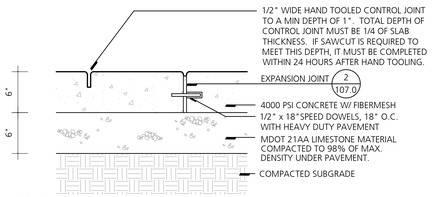
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

C106.04

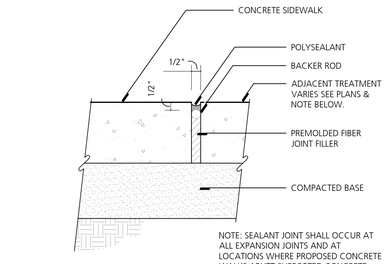


NOTES:

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.)

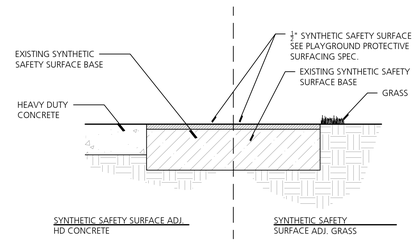
NO SCALE



NOTE: SEALANT JOINT SHALL OCCUR AT ALL EXPANSION JOINTS AND AT LOCATIONS WHERE PROPOSED CONCRETE WALKS ABUTT SUPPORTED CONCRETE SLABS OR BUILDING WALLS.

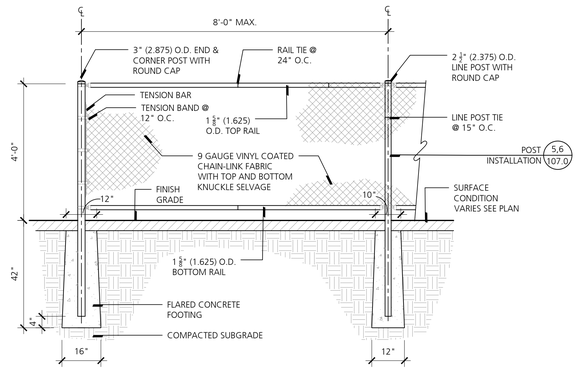
2 Expansion Joint with Sealant

NO SCALE



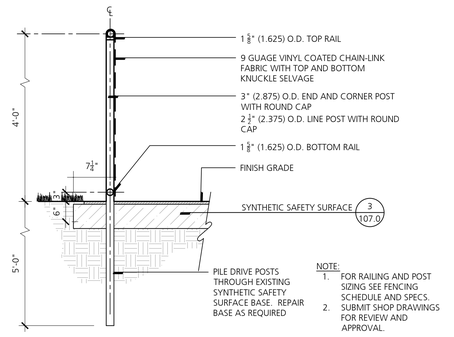
3 Synthetic Safety Surface

NO SCALE



4 4 ' Chain-Link Fence

NO SCALE

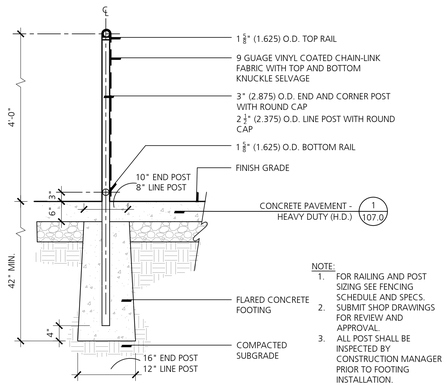


NOTE:

1. FOR RAILING AND POST SIZING SEE FENCING SCHEDULE AND SPECS.
2. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL.

5 Chain-Link Fence Post In Safety Surfacing

NO SCALE

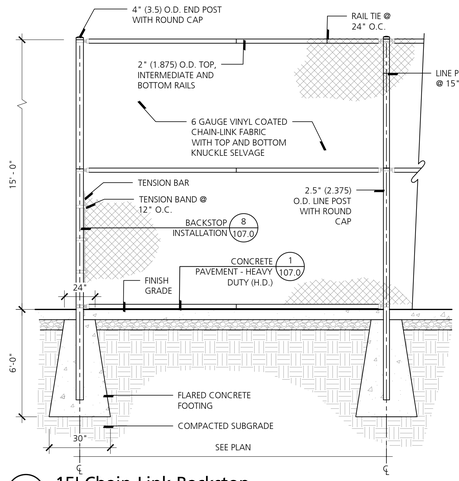


NOTE:

1. FOR RAILING AND POST SIZING SEE FENCING SCHEDULE AND SPECS.
2. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL.
3. ALL POST SHALL BE INSPECTED BY CONSTRUCTION MANAGER PRIOR TO FOOTING INSTALLATION.

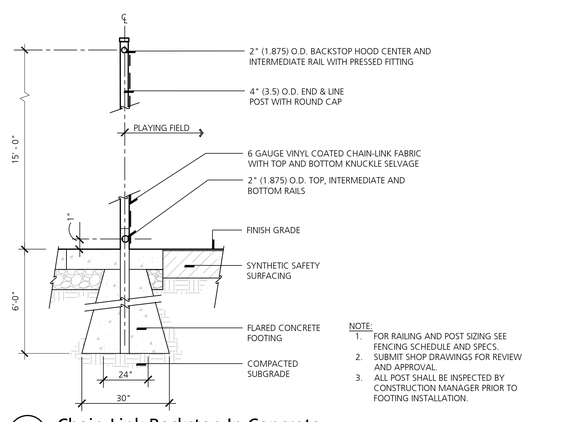
6 Chain-Link Fence Post In Concrete

NO SCALE



7 15' Chain-Link Backstop

NO SCALE

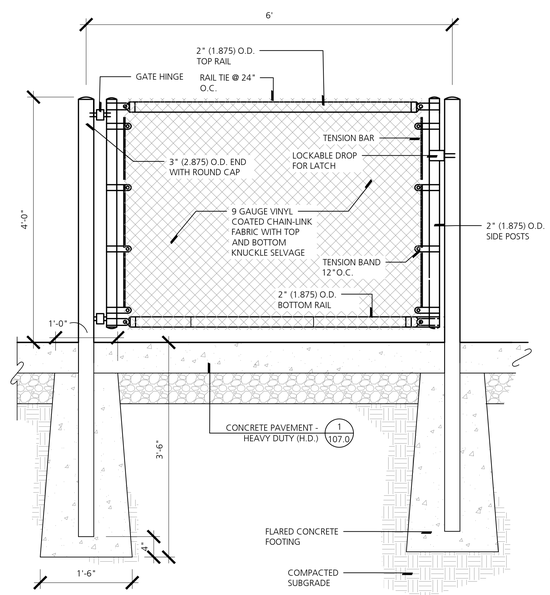


NOTE:

1. FOR RAILING AND POST SIZING SEE FENCING SCHEDULE AND SPECS.
2. SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL.
3. ALL POST SHALL BE INSPECTED BY CONSTRUCTION MANAGER PRIOR TO FOOTING INSTALLATION.

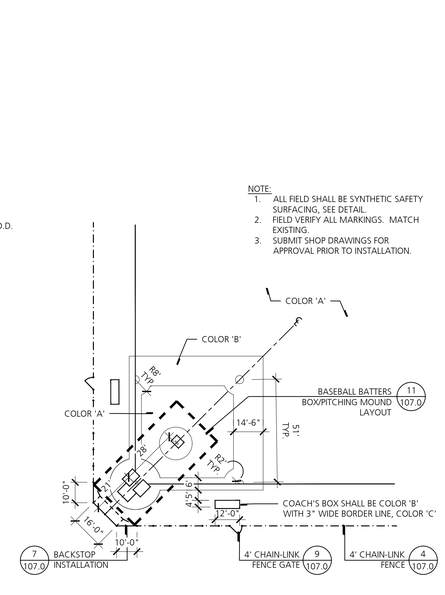
8 Chain-Link Backstop In Concrete

NO SCALE



9 4' Chain-Link Fence Gate

SCALE:1" = 1'-0"

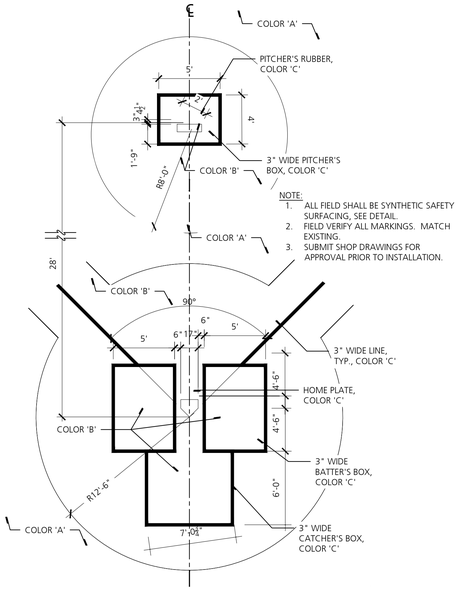


NOTE:

1. ALL FIELD SHALL BE SYNTHETIC SAFETY SURFACING, SEE DETAIL.
2. FIELD VERIFY ALL MARKINGS. MATCH EXISTING.
3. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.

10 Baseball Field Enlargement Plan

SCALE 1" = 30'



11 Baseball Batters Box/ Pitching Mound Layout

SCALE: 1" = 5'

Chain-Link Fencing & Gate Schedule

OUTFIELD/FOUL LINE FENCING:	4'-0" HT. POSTS:	3" (2.875) O.D. END & CORNER 2 1/2" (2.375) O.D. LINE, 8.0' O.C.
	RAIL:	1 5/8" (1.625) O.D. TOP AND BOTTOM
	FABRIC:	9 GAUGE WIRE, 2" MESH
BACKSTOP FENCING:	15'-0" HT. POSTS:	4" (3.5) O.D. END 2 1/2" (2.375) O.D. LINE
	RAIL:	2" (1.875) O.D. TOP, BOTTOM AND INTERMEDIATE
	FABRIC:	6 GAUGE WIRE, 2" MESH
GATE:	4'-0" HT. POSTS:	3" (2.875) O.D. END
	FRAME:	2" (1.875) O.D. TOP, BOTTOM AND SIDES
	FABRIC:	9 GAUGE WIRE, 2" MESH

Chain-Link Fencing & Gate Notes

1. ALL FABRIC, RAILS, POSTS, GATES AND FITTINGS SHALL BE GALVANIZED STEEL (SEE SPEC'S). ALL FABRIC SHALL BE 2" DIAMOND MESH UNLESS OTHERWISE SPECIFIED.
2. ALL FENCING SHALL BE KNUCKLED TOP & BOTTOM.
3. ALL RAIL CONNECTIONS SHALL UTILIZE PRESS FITTINGS.
4. CONTRACTOR SHALL PROVIDE COMPLETE SHOP DRAWINGS FOR ALL FENCING & GATE WORK.
5. CONTRACTOR SHALL PROVIDE SAMPLES FOR ALL FENCING COMPONENTS. (POSTS, RAILS, FABRIC, HINGES, & LATCH).
6. ALL GATE FRAMES SHALL BE CONSTRUCTED IN SHOP. CONTRACTOR SHALL FIELD MEASURE POSTS PRIOR TO CONSTRUCTION.
7. ALL GATE FRAMES SHALL BE CONSTRUCTED WITH WELDED CUPPED JOINTS.
8. ALL WELDS SHALL BE CLEAN, UNIFORM & FREE OF RUST. GRIND PRIOR TO APPLYING TOUCH-UP GALVANIZED MATERIAL. LIQUID GALVANIZED STEEL (SEE SPECS). MATERIAL SHALL BE APPLIED NEATLY, MATERIAL TO BE APPLIED AFTER JOINT INSPECTION BY LANDSCAPE ARCHITECT.

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

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

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Site Details

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

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

PROJECT NO.

25023D

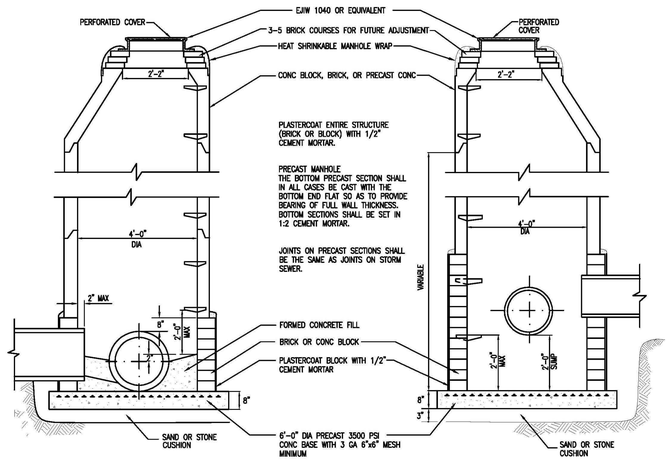
DRAWING NO.

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 18' DEPTH
USE 12" THICK BLOCK TO 24' DEPTH
16" BLOCK WALL BELOW 24' DEPTH

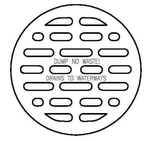
PRECAST MANHOLE:
C-478-72 UP TO 32' DEPTH
WITH 5" THICK WALL



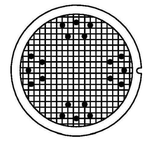
DETAIL FOR SEWERS 21" AND LARGER

DETAIL FOR SEWERS 18" AND SMALLER

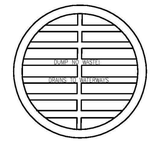
STANDARD STORM MANHOLES



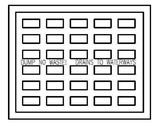
TYPE M COVER
EJIW 1040



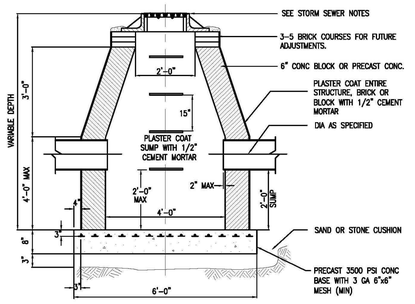
TYPE B COVER
EJIW 1040



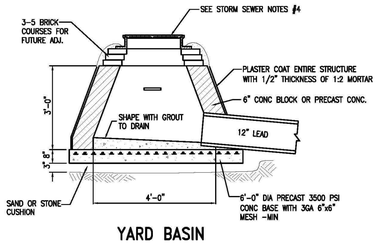
TYPE N COVER
BEEHIVE
EJIW 1040



TYPE MI COVER (TOP VIEW)



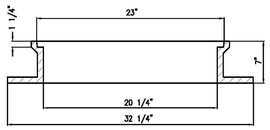
STANDARD CATCH BASIN



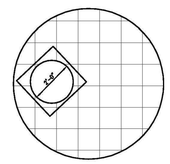
YARD BASIN

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 JPS-2-PFS 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.



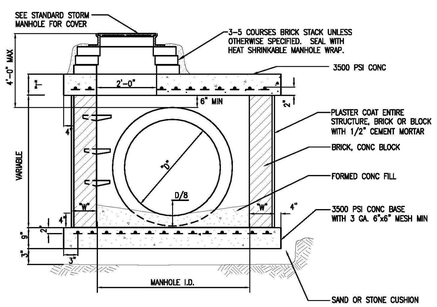
STANDARD FRAME SERIES 1000 & 3000



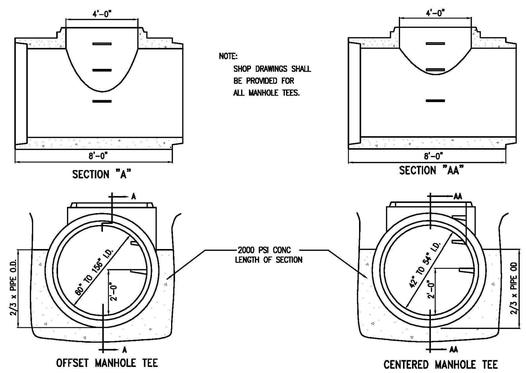
TOP SLAB

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

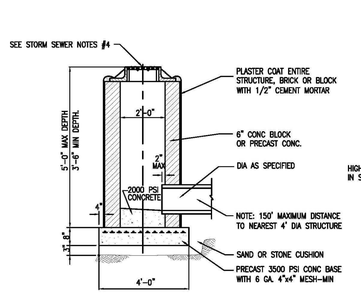
* TOP SLAB
** 2' SUMP REQ. FOR MANHOLE WITH OUTLETS OF 18" AND UNDER.



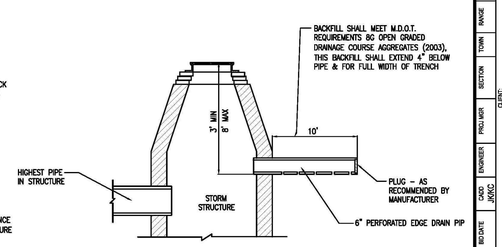
TYPICAL SECTION MANHOLE "D"



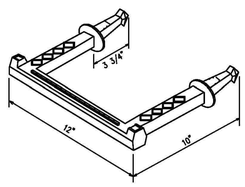
STANDARD MANHOLE TEES



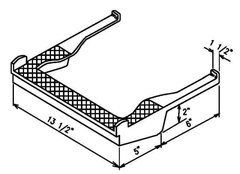
STANDARD INLET



STANDARD UNDERDRAIN



MANHOLE STEP
M.A. PSI-375



STANDARD MANHOLE STEP
EJIW 8502

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

VILLAGE OF DEXTER
STORM SEWER
STANDARD DETAILS

SHEET X OF X

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CLIENT: VILLAGE OF DEXTER
COUNTY: WASHTENAW COUNTY
CITY/VILLAGE/TOWNSHIP: VILLAGE OF DEXTER
JOB #
SCALE: H: NTS V: NTS
HORIZ DATUM
VERT DATUM
DATE
REVISIONS
PROJ MGR
ENGINEER
CADD: JMC
RECEIVED
DATE: 12/14/08
RANGE
TOWN
SECTION

TMP ARCHITECTURE
TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4561
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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

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Storm Standard Details

ISSUE DATES

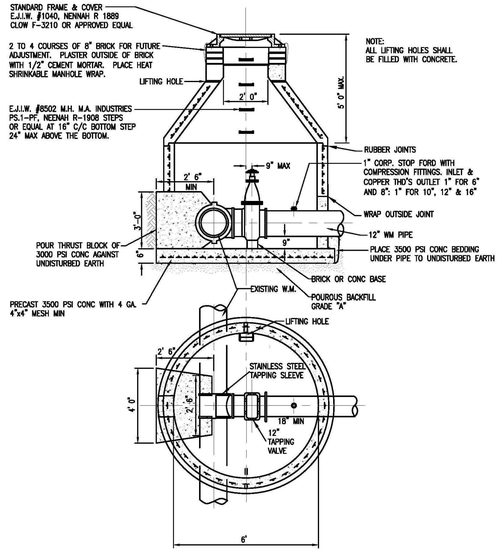
12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

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

PROJECT NO.
25023D

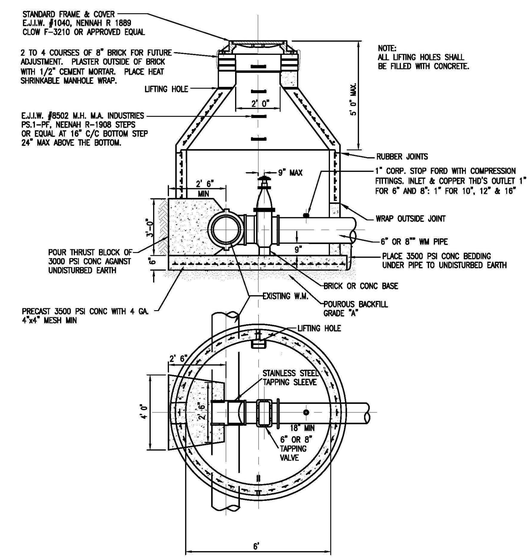
DRAWING NO.
C107.01

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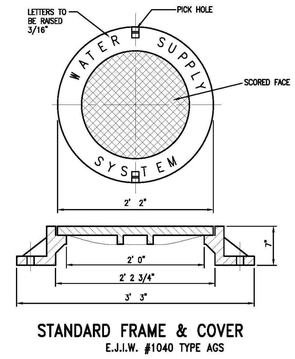
STANDARD 12" TAPPING SLEEVE, VALVE & WELL

NOTE:
LOCATE TAPPING SLEEVE, VALVE & WELL SUCH THAT THE EXISTING JOINT IS OUTSIDE THE STRUCTURE.

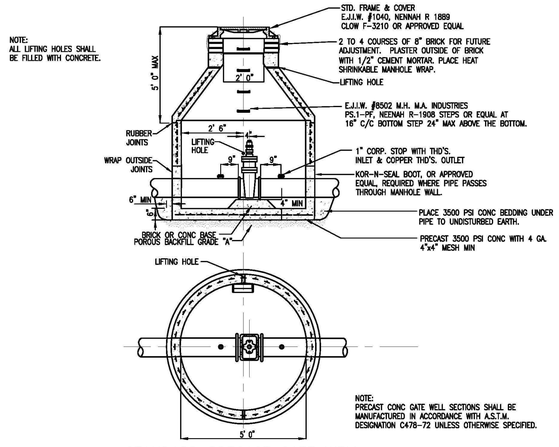


STANDARD 6" & 8" TAPPING SLEEVE, VALVE & WELL

NOTE:
LOCATE TAPPING SLEEVE, VALVE & WELL SUCH THAT THE EXISTING JOINT IS OUTSIDE THE STRUCTURE.

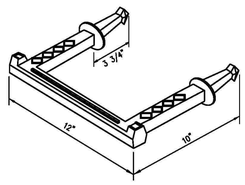


STANDARD FRAME & COVER
E.J.I.W. #1040 TYPE AGS

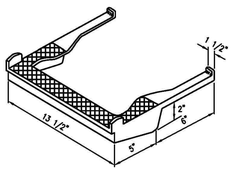


STANDARD PRECAST GATE WELL

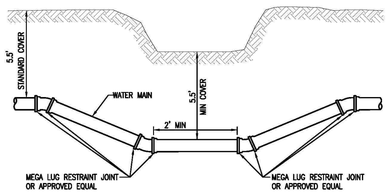
NOTE: FOR 6" OR 8" WATER MAIN, USE 5'-0" DIAMETER GATE WELL
FOR 12" OR 16" WATER MAIN, USE 6'-0" DIAMETER GATE WELL



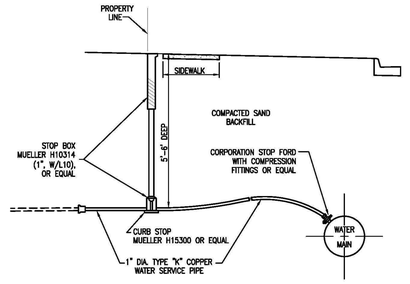
MANHOLE STEP
M.A. PSI-375



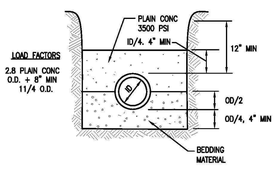
STANDARD MANHOLE STEP
E.J.I.W. 8502



DITCH OR STREAM CROSSING



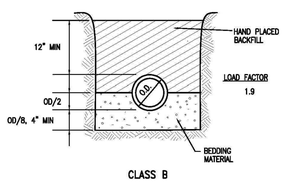
TYPICAL WATER SERVICE DETAIL



CLASS A

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.

PIPE BEDDING DETAILS



CLASS B

DRAWING PATH: C:\Users\mgoodwin\Desktop\Dexter_WMD.dwg Nov 02, 2011 - 11:24am

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD
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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

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Water Standard Details

ISSUE DATES

DATE:	ISSUED FOR:
12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

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

PROJECT NO.
25023D

DRAWING NO.
C107.02

OHM

COUNTY: WASHTENAW COUNTY
CITY/VILLAGE/TOWNSHIP: VILLAGE OF DEXTER
JOB #
SCALE: H: 1"=40' V: 1"=4'
HORIZ DATUM
VERT DATUM
DATE:
REVISIONS:
CLIENT: VILLAGE OF DEXTER
DATE:
REVISIONS:
DATE: 01/13/05
DES/DATE
CAD: JR/KC
ENGINEER
PROJ MGR
SECTION
TOWN
RANGE

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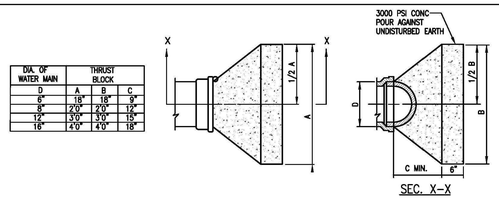
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VILLAGE OF DEXTER
WATER MAIN DETAILS
STANDARD DETAILS

SHEET

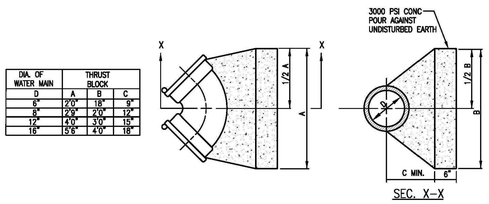
OF

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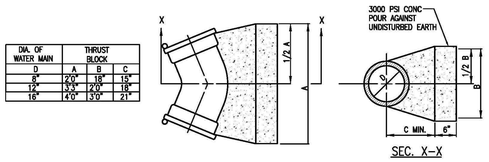
DIA. OF WATER MAIN	THRUST BLOCK		
D	A	B	C
6"	1'8"	1'8"	9"
8"	2'0"	2'0"	1'2"
12"	3'0"	3'0"	1'5"
16"	4'0"	4'0"	1'8"

THRUST BLOCK AT PLUG



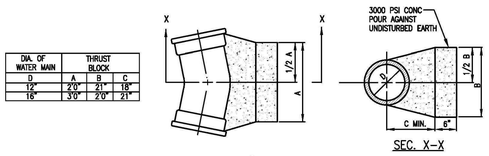
DIA. OF WATER MAIN	THRUST BLOCK		
D	A	B	C
6"	2'0"	1'8"	9"
8"	2'8"	2'0"	1'2"
12"	4'0"	3'0"	1'5"
16"	5'6"	4'0"	1'8"

THRUST BLOCK AT 90° BEND



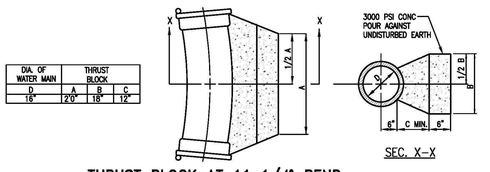
DIA. OF WATER MAIN	THRUST BLOCK		
D	A	B	C
6"	2'0"	1'8"	1'5"
8"	3'3"	2'0"	1'8"
12"	4'0"	3'0"	2'1"
16"	5'3"	4'0"	2'6"

THRUST BLOCK AT 45° BEND



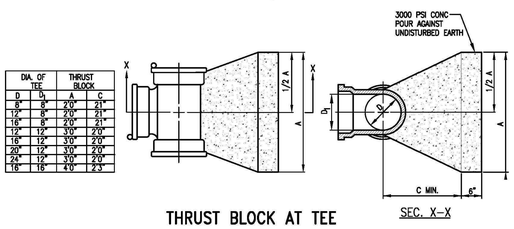
DIA. OF WATER MAIN	THRUST BLOCK		
D	A	B	C
12"	2'0"	2'1"	1'8"
16"	3'0"	2'0"	2'1"

THRUST BLOCK AT 22 1/2° BEND



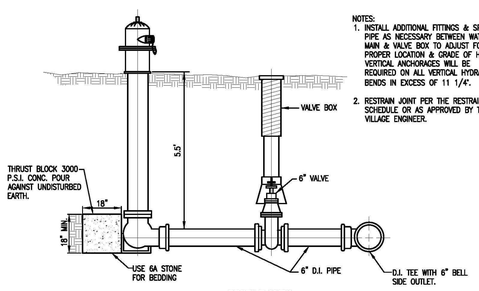
DIA. OF WATER MAIN	THRUST BLOCK		
D	A	B	C
16"	2'0"	1'8"	1'2"

THRUST BLOCK AT 11 1/4° BEND

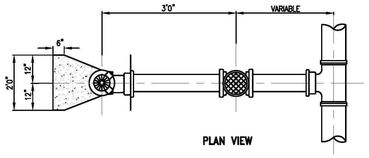


DIA. OF TEE	THRUST BLOCK		
D	D1	A	C
8"	8"	2'0"	2'1"
12"	8"	2'0"	2'1"
16"	8"	2'0"	2'1"
12"	12"	3'0"	2'0"
16"	12"	3'0"	2'0"
20"	12"	3'0"	2'0"
24"	12"	3'0"	2'0"
16"	16"	4'0"	2'3"

THRUST BLOCK AT TEE



PROFILE VIEW



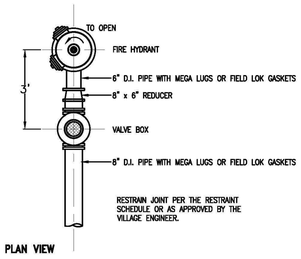
PLAN VIEW

STANDARD HYDRANT SETTING

NOTES:
1. INSTALL ADDITIONAL FITTINGS & SPROOT PIPE AS NECESSARY BETWEEN WATER MAIN & VALVE BOX TO ADJUST FOR PROPER LOCATION & GRADE OF HYDRANT VERTICAL ANCHORAGES WILL BE REQUIRED ON ALL VERTICAL HYDRANT BENDS IN EXCESS OF 11 1/4°.
2. RESTRAIN JOINT PER THE RESTRAINT SCHEDULE OR AS APPROVED BY THE VILLAGE ENGINEER.

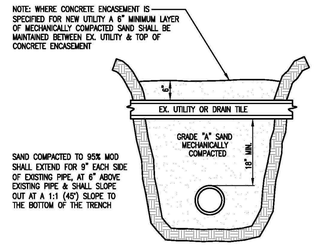
WATER MAIN NOTES

1. ALL WATER SYSTEM CONSTRUCTION SHALL CONFORM TO THE CURRENT STANDARDS AND GENERAL SPECIFICATION OF THE VILLAGE OF DEXTER (APPROVED XX/XX/2011) AND ANY OTHER AGENCY HAVING JURISDICTION OVER THE CONSTRUCTION AREA.
2. ALL SURFACE STRUCTURES, SUCH AS HYDRANTS, GATE VALVES AND VALVE BOXES SHALL BE SET TO GRADE AS APPROVED BY THE VILLAGE ENGINEER.
3. WATER MAIN SHALL BE PLACED LEVEL THROUGH ALL GATE WELLS.
4. PROVIDE A MINIMUM OF 5-FOOT, 6-INCH COVER BELOW EXISTING ROADWAY CENTERLINE ELEVATION OR EXISTING ELEVATION AT WATER MAIN LOCATION, WHICHEVER IS LOWEST.
5. WHEN JACKING OR BORING, ALL VOIDS SHALL BE FILLED BY MEANS OF PRESSURE GROUTING WITH 1:3 CEMENT-SAND MORTAR. THIS WORK MUST BE ACCOMPLISHED WITHIN 24 HOURS OF THE WATER MAIN BEING SUCCESSFULLY TESTED. WATER MAIN JACKING OR BORING SHALL EXTEND A MINIMUM OF 10 FEET BEYOND THE EDGES OF THE PAVEMENT.
6. FIRE HYDRANTS SHALL BE EAST JORDAN IRON WORKS MODEL 5 BR, A-423 CONFORMING TO A.W.W.A. C-502 IMPROVED HYDRANT SPECIFICATION. ALL FIRE HYDRANTS SHALL BE EQUIPPED WITH A 4-INCH STORZ CONNECTION.
7. GATE VALVES FOR SIZES 6-INCH THROUGH 16-INCH WATER MAIN SHALL BE IRON BODY, FULLY BRONZE MOUNTED, RESILIENT WEDGE WITH NON-RISING STEMS OPENING COUNTERCLOCKWISE WITH A 2-INCH SQUARE OPERATING NUT. VALVES SHALL CONFORM TO A.W.W.A. C-500 SPECIFICATION. VALVES SHALL BE DESIGNED FOR A WORKING PRESSURE OF 200 P.S.I. AND A TEST PRESSURE OF 400 P.S.I. VALVES SHALL BE ORDERED WITH INLET AND OUTLET CONNECTIONS COMPATIBLE TO THE WATER PIPE JOINT USED ON THE SYSTEM.
8. WATER SERVICE AND WATER MAIN PIPE SHALL BE:
   A. 1-INCH THROUGH 2-INCH DIAMETER SERVICE LINES SHALL BE DOMESTIC TYPE "K" COPPER WITH COMPRESSION FITTINGS ONLY.
   B. 4-INCH THROUGH 16-INCH DIAMETER WATER MAIN SHALL BE DUCTILE IRON A.N.S.I. A 21-55-65 CLASS 54.
9. CONNECTION TO EXISTING WATER MAIN SHALL BE MADE ONLY AFTER HYDROSTATIC AND BACTERIOLOGICAL TESTS HAVE BEEN SUCCESSFULLY COMPLETED AND APPROVED BY THE VILLAGE ENGINEER OR THE VILLAGE OF DEXTER UTILITIES DEPARTMENT.
10. COMPACTED SAND BACKFILL CONSISTING OF M.D.O.T. CLASS II GRANULAR MATERIAL COMPACTED TO 95% OF MAXIMUM UNIT WEIGHT MUST BE PLACED IN ALL TRENCHES WITHIN THE 1:1 INFLUENCE OF THE ROADWAY, SIDEWALK, BIKEPATH, ETC.
11. THRUST BLOCK IS ONLY ALLOWED WITH PRIOR APPROVAL OF VILLAGE ENGINEER. OTHERWISE, USE THE JOINT RESTRAINT SCHEDULE WITH BENDS.
12. FLUSHING SHALL INCLUDE THE USE OF A "POLLY PIG" OR APPROVED EQUAL EQUIPMENT, TO REMOVE ACCUMULATED DEPOSITS AS DIRECTED BY THE VILLAGE ENGINEER.
13. POLYETHYLENE ENCASEMENT SHALL BE INSTALLED ON ALL DUCTILE IRON WATER MAIN AND FITTINGS. POLYETHYLENE ENCASEMENT SHALL MEET THE REQUIREMENTS SPECIFIED IN AWWA C105 (ANSI 21.5), LATEST REVISION, AS DIRECTED BY THE VILLAGE ENGINEER.
14. ALL PUBLIC WATER MAIN SHALL CONTAIN TRACER WIRE.

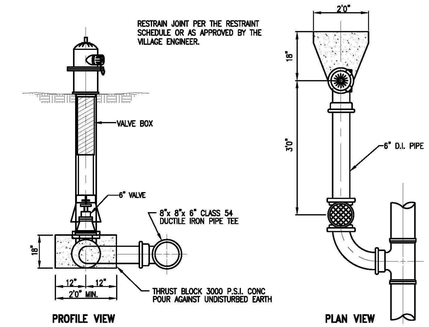


PLAN VIEW

TEMPORARY HYDRANT



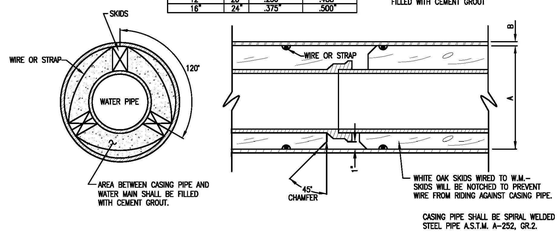
STANDARD PIPE SUPPORT



CLOSE COUPLE HYDRANT SETTING

DIA. OF WATER MAIN	MIN. (I.D.) "A"	ROAD CROSSING MIN."B"	RAILROAD CROSSING MIN."B"
6"	14"	.250"	.312"
8"	16"	.250"	.375"
12"	20"	.250"	.438"
16"	24"	.375"	.500"

NOTES:
1. MAINTAIN MIN OF 5'6" OF COVER BETWEEN GROUND ELEVATION & TOP OF CASING
2. THE ENDS OF THE CASING SHALL BE BULKHEADED AND ANNULAR SPACE FILLED WITH CEMENT GROUT



STANDARD CASING SECTION

DRAWING PATH: S:\CVT\Dexter\Village\Standards\CAD\Updating in Process\Dexter_WM1.dwg Apr 28, 2017 - 3:42pm

OHM

DATE: 07/13/05 | BID DATE: | CAD: JMC | ENGINEER: | PROJMGR: | CLIENT: VILLAGE OF DEXTER | SECTION: | TOWN: | RANGE: | COUNTY: WASHTENAW COUNTY | CITY/VILLAGE/TOWNSHIP: VILLAGE OF DEXTER | JOB # | H: NTS | V: NTS | SCALE | DATE: | REVISIONS: | HORZ.DATUM | VERT.DATUM

REVISIONS: BID SET

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

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VILLAGE OF DEXTER
WATER MAIN DETAILS
STANDARD DETAILS

SHEET

OF

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Water Standard Details

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

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

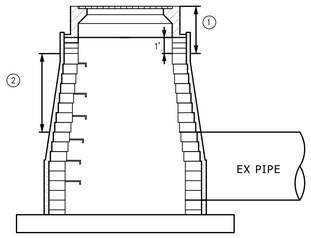
PROJECT NO.

25023D

DRAWING NO.

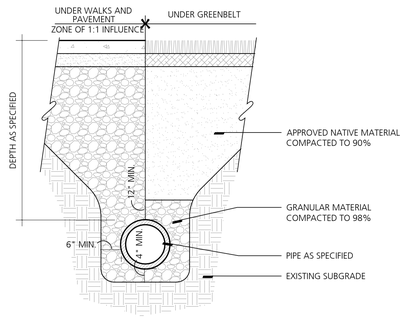
C107.03

Know what's below. Call before you dig.

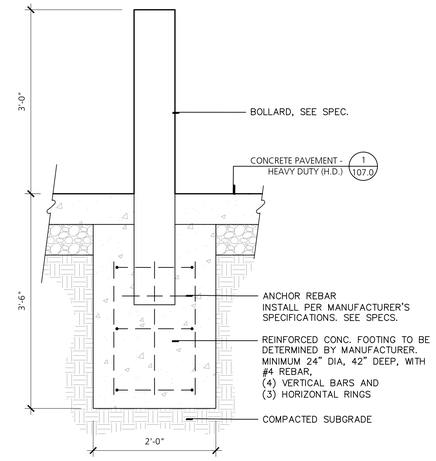


1. STRUCTURE COVER, ADJ:
   REMOVE FRAME AND GRATE. REMOVE AND REPLACE TOP ONE FOOT OF STRUCTURE ADJUSTING RINGS AND MORTAR BED AS REQUIRED TO ACHIEVE PROPOSED GRADE. PAID PER EACH AS STRUCTURE COVER, ADJ.
2. STRUCTURE, REBUILD:
   WHEN DIRECTED BY THE ENGINEER, REMOVE AND REPLACE TOP PORTION OF DRAINAGE 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.

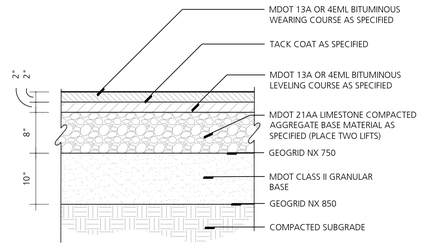
1 Manhole Cover Adjustment and Structure Rebuild
NO SCALE



2 Trench Detail
NO SCALE



3 Fixed Security Bollard
SCALE: 1" = 1'-0"



4 Heavy Duty Bituminous Pavement
NO SCALE

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Utility Details

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS

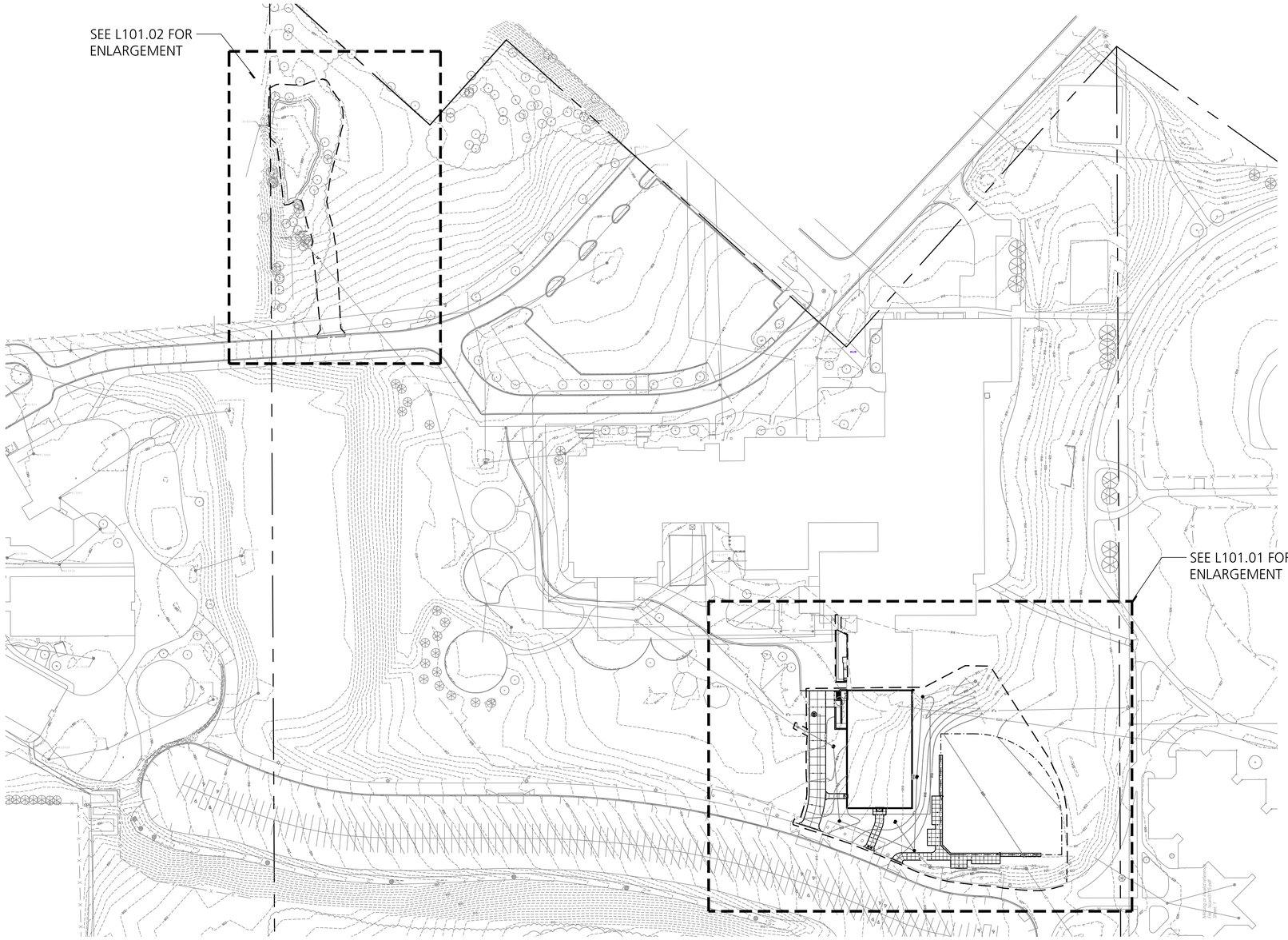
DATE:	ISSUED FOR:
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

C107.04



LANDSCAPE LEGEND

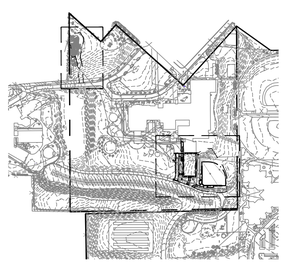
PROPOSED LIMITS OF DISTURBANCE

PROPOSED SEEDED FESCUE LAWN MIX WITH STRAW MULCH BLANKET, SEE SPECS.

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
4. SEED MIX, THM SHALL BE THE MIXTURE AND RATES PROVIDED IN MDOT'S SEED MIXTURE FROM THE 2003 STANDARDS AND SPECIFICATIONS FOR CONSTRUCTION

KEY PLAN



NORTH

SCALE: 1" = 60'

0 30 60 120 FT

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

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Overall Landscape Plan

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS
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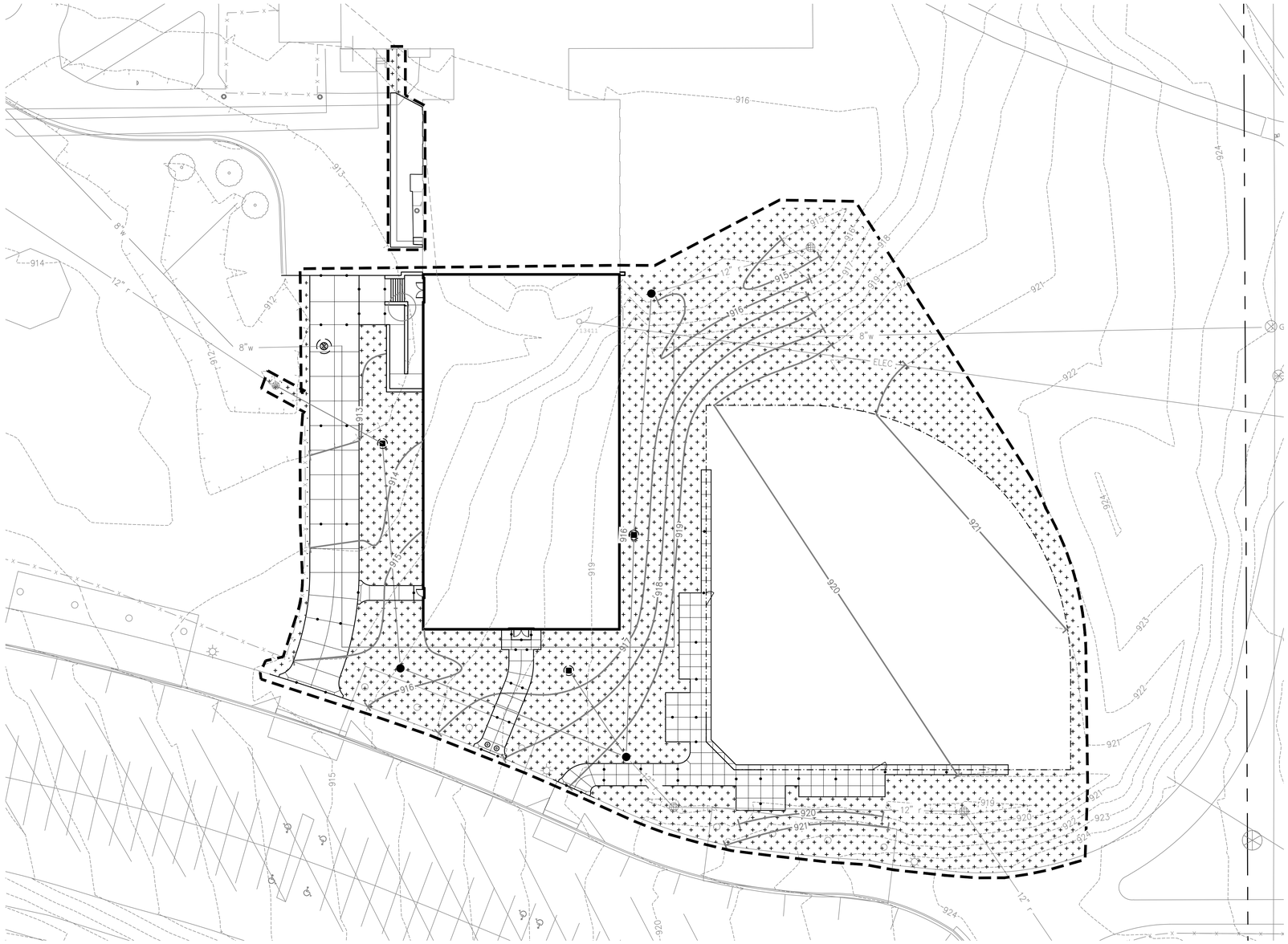
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

L101.00



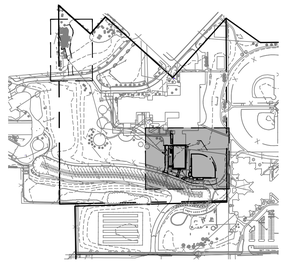
LANDSCAPE LEGEND

- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED SEEDED FESCUE LAWN MIX WITH STRAW MULCH BLANKET, SEE SPECS.
- WET MEADOW SEED MIX

LANDSCAPE NOTES

1. SEE SHEET L101.00 FOR LANDSCAPE NOTES.

KEY PLAN



NORTH

SCALE: 1" = 20'

0 10 20 40 FT

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

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Landscape Enlargement Plan

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS
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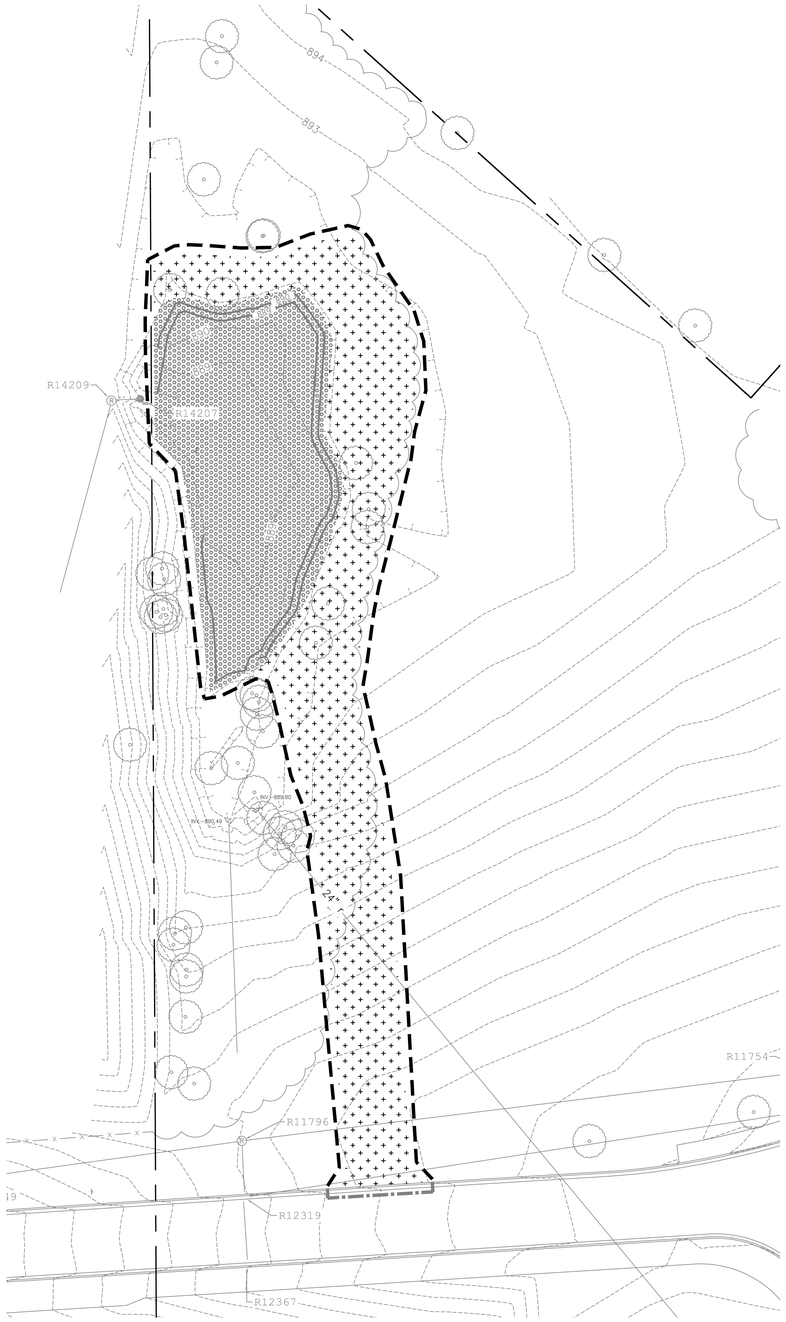
DRAWN	F. Tang
CHECKED	M. Franklin
APPROVED	B. Barrick

PROJECT NO.

25023D

DRAWING NO.

L101.01



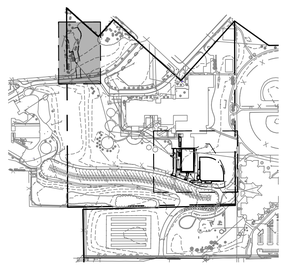
LANDSCAPE LEGEND

- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED SEEDED FESCUE LAWN MIX WITH STRAW MULCH BLANKET, SEE SPECS.
- WET MEADOW SEED MIX

LANDSCAPE NOTES

1. SEE SHEET L101.00 FOR LANDSCAPE NOTES.

KEY PLAN



NORTH

SCALE: 1" = 20'

0 10 20 40 FT

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

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools

DRAWING TITLE

Detention Pond Landscape Enlargement Plan

ISSUE DATES

12-08-2025	DESIGN DEVELOPMENT
01-21-2026	90% CONSTRUCTION DOCUMENTS
02-06-2026	CONSTRUCTION DOCUMENTS
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DATE:	ISSUED FOR:

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

PROJECT NO.

25023D

DRAWING NO.

L101.02

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 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 & FXT-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 RDDM, ROOF DECK DESIGN MANUAL.
2. 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.
3. PROVIDE ADDITIONAL SUPPORT FRAMING AT OPENINGS IN ROOF AND FLOOR PER TYPICAL DETAILS. COORDINATE LOCATIONS WITH APPROPRIATE TRADES.
4. 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.
5. 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.
6. 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.
7. 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 31 - FOUNDATIONS/BACKFILL

1. CONTRACTOR SHALL REVIEW A COPY OF THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.
2. FOUNDATIONS ARE DESIGNED FOR A MAXIMUM ALLOWABLE BEARING CAPACITY OF 3000 PSF. 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	**25 PSF**

ROOF LIVE LOADS

• MINIMUM LOAD	20 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	C
• COMPONENTS AND CLADDING PER ASCE 7	

SEISMIC DESIGN DATA

• SITE CLASS	D
• RESPONSE COEFFICIENTS	S_{DS} = 0.109
	S_{D1} = 0.076
• SEISMIC DESIGN CATEGORY	B

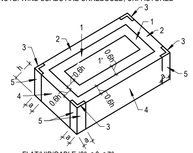
COMPONENTS AND CLADDING PRESSURES - WALL

COMPONENT	ZONE	EFF. AREA (ft²)	PRES (+/VE) (PSF)	PRES (-/VE) (PSF)
<=10 SF	4	10.0	26.4	-28.6
50 SF	4	50.0	23.7	-25.9
200 SF	4	200.0	21.4	-23.6
>500 SF	4	500.0	19.8	-22.0
<=10 SF	5	10.0	26.4	-35.2
50 SF	5	50.0	23.7	-29.8
200 SF	5	200.0	21.4	-25.1
>500 SF	5	500.0	19.8	-22.0

COMPONENTS AND CLADDING PRESSURES - ROOF

COMPONENT	ZONE	EFF. AREA (ft²)	PRES (+/VE) (PSF)	PRES (-/VE) (PSF)
<=10 SF	1'	10.0	11.7	-26.4
100 SF	1'	100.0	9.3	-26.4
500 SF	1'	500.0	9.3	-17.9
>1000 SF	1'	1000.0	9.3	-14.2
<=10 SF	2	10.0	11.7	-60.7
100 SF	2	100.0	9.3	-47.7
200 SF	2	200.0	9.3	-43.8
>500 SF	2	500.0	9.3	-38.6
<=10 SF	3	10.0	11.7	-82.7
100 SF	3	100.0	9.3	-56.8
200 SF	3	200.0	9.3	-49.0
>500 SF	3	500.0	9.3	-38.6

NOTE: WIND LOADS ARE UNREDUCED, UNFACTORED



FLAT/HIP/GABLE (0° ≤ θ ≤ 7°

a = 5.5 FT
h = 13.33 FT

WIND ZONE DIAGRAMS

ABBREVIATIONS

@	AT
A.B.	ANCHOR BOLT
ADDL	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

TMP ARCHITECTURE

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REGISTRATION SEAL

CONSULTANT

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

PROJECT TITLE
Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE
Structural General Notes

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS

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

PROJECT NO.
25023D

DRAWING NO.
S0.0

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STATEMENT OF SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE 2015 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 FFIRM 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 SUMMARYOF 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 THICKNESSES 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: 26.36.4	-	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: 17.8.2	-	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: 17.8.2.4	-	SI/TA
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A.	-	X	ACI 318: 17.8.2	-	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 REINFORCMENT.	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:			SJI SPECIFICATION SECTION 2207.1	-	SI/SE
A. END CONNECTIONS, WELDED OR BOLTED	-	X			
2. BRIDGING, HORIZONTAL OR DIAGONAL:					
A. 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 QUAITY ASSURANCE INSPECTION REQUIREMENTS OF AISC.	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...	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...	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	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)...	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	P	P			
D. ARC STRIKES.	P	P			
E. K-AREA.	P	P			
F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES.	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...	P	P			
J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR.	O	O			

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.

SPECIAL INSPECTION REQUIREMENTS - MASONRY CONSTRUCTION

MINIMUM TESTS

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

VERIFICATION OF f'_m AND f'_{AAC} IN ACCORDANCE WITH ARTICLE 1.4 B PRIOR TO CONSTRUCTION, 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
B. CONSTRUCTION OF MORTAR JOINTS.	-	X		Art. 3.3. B
C. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.	-	X		Art. 2.4 B, 2.4 H
D. LOCATION OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES.	-	X		Art. 3.4, 3.6 A
3. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
A. GROUT SPACE.	-	X		Art. 3.2 D, 3.2 F
B. GRADE, TYPE, AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES.	-	X	Sec. 1.16	Art. 2.4, 3.4
C. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES	-	X	Sec. 1.16	Art. 3.2 E, 3.4, 3.6 A
D. PROPORATIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	-	X		Art. 2.6 B, 2.4 G.1.b
E. CONSTRUCTION OF MORTAR JOINTS.	-	X		Art. 3.3 B
4. VERIFY DURING CONSTRUCITON.				
A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.	-	X		Art. 3.3 F
B. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	-	X	Sec. 1.16.4.3, 1.17.1	
C. WELDING OF REINFORCEMENT.	X	-	Sec. 2.1.8.7.2, 3.3.3.4(c), 8.3.3.4(b)	
D. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F (4.4°C)) OR HOT WEATHER (TEMPERATURE ABOVE 90°F (32.2°C)).	-	X		Art. 1.8 C, 1.8 D
E. CONSTRUCTION OF MORTAR JOINTS.	-	X		Art. 3.3 B
5. OBSERVE PREPARTATION OF GROUT SPEICMENS, 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 FREQENCY OF INSPECTION, WHICH MAY BE CONTINUOUS DURING THE TASK LISTED OR PERIODICALLY DURING THE LISTED TASK, AS DEFEINED IN THE TABLE.

TMP ARCHITECTURE

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REGISTRATION SEAL

CONSULTANT

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

PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Special Inspections Requirements

N

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS

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

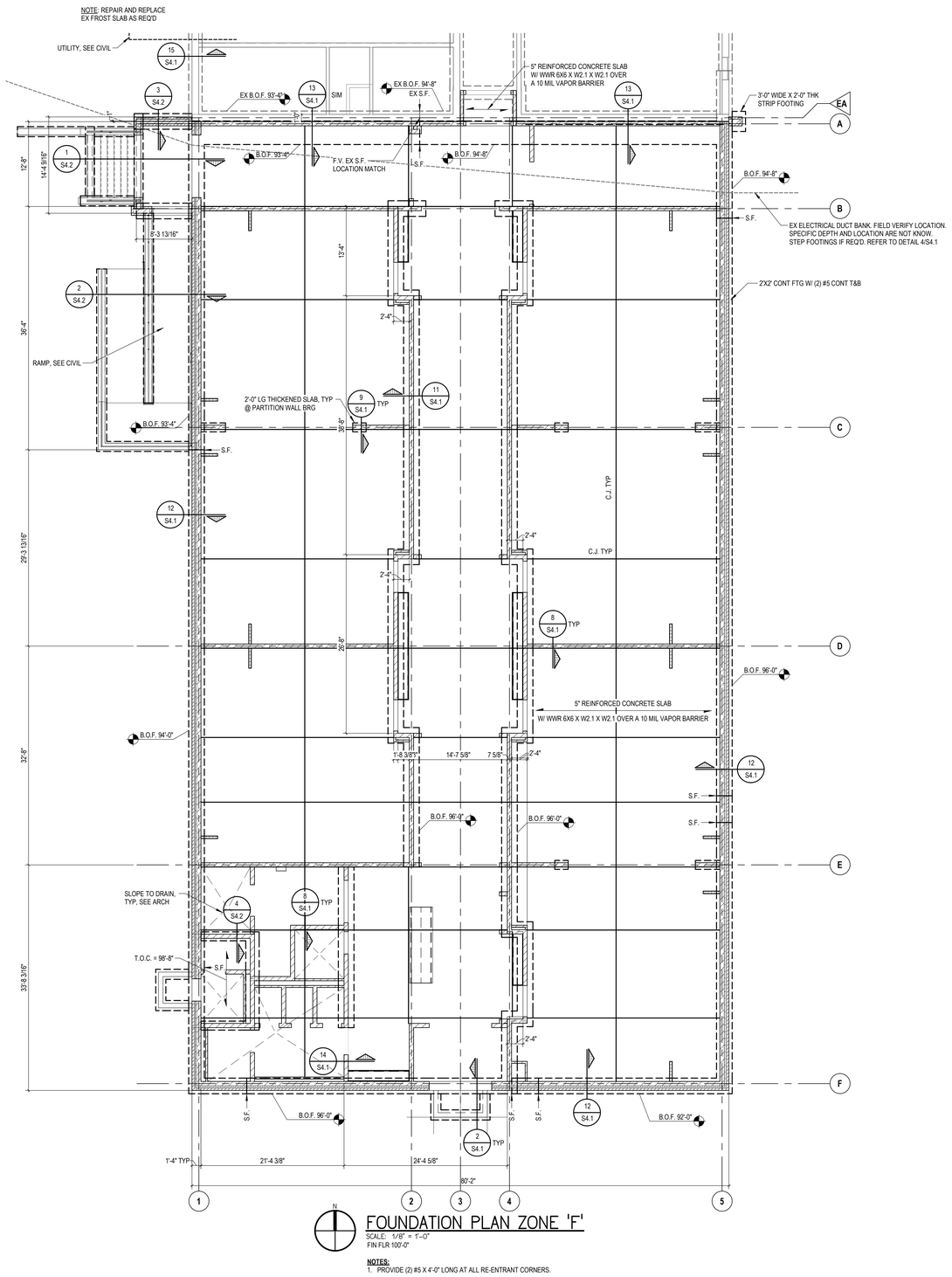
PROJECT NO.

25023D

DRAWING NO.

S0.1

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N

FOUNDATION PLAN ZONE 'F'

SCALE: 1/8" = 1'-0"
FIN FLR 100'-0"

NOTES:
1. PROVIDE (2) #5 X 4'-0" LONG AT ALL RE-ENTRANT CORNERS.

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CONSULTANT

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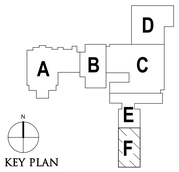
PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Foundation Plan



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS

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

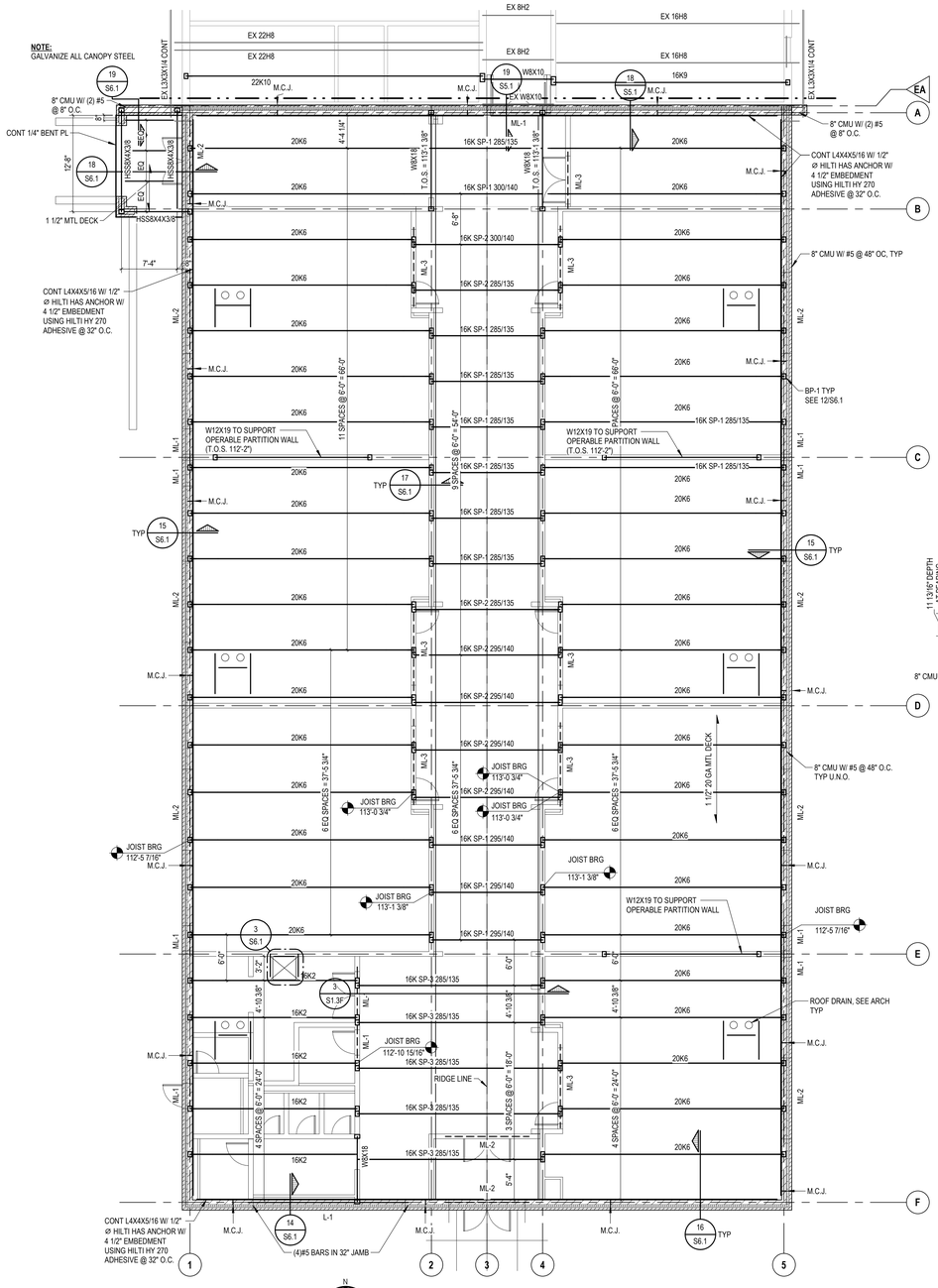
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DRAWING NO.

S1.0F

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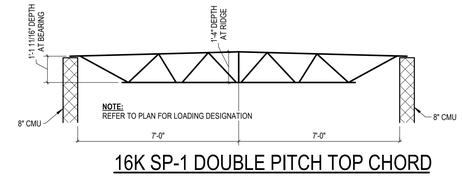
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ROOF FRAMING PLAN ZONE 'F'

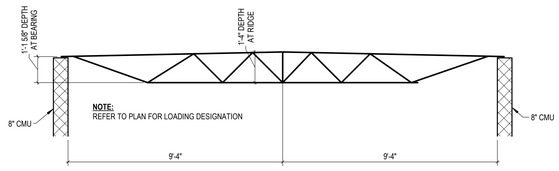
SCALE: 1/8" = 1'-0"

NOTES:

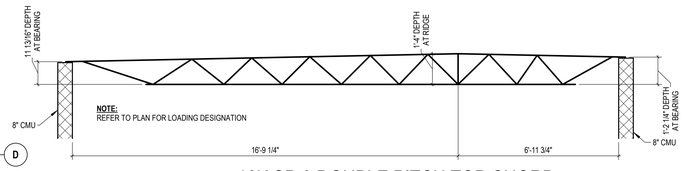
1. SEE S5.1 FOR TYPICAL LOOSE LINTEL SCHEDULE U.N.O., SEE ARCH FOR OPENING SIZES AND LOCATIONS.
2. SEE S5.1 FOR TYPICAL MASONRY LINTEL SCHEDULE AND S6.1 FOR STEEL LINTEL SCHEDULE, SEE ARCH FOR OPENING SIZES AND LOCATIONS.
3. JOIST MANUFACTURER SHALL DESIGN ALL JOIST / BRIDGING FOR A NET UPLIFT PER UPLIFT DIAGRAMS, SEE S0.0
4. PROVIDE JOIST SPLICE FOR NEW JOISTS IN EX BLD
5. ALL MCJs SHALL BE PLACED MINIMUM 2 FT FROM OPENINGS.



16K SP-1 DOUBLE PITCH TOP CHORD



16K SP-2 DOUBLE PITCH TOP CHORD



16K SP-3 DOUBLE PITCH TOP CHORD

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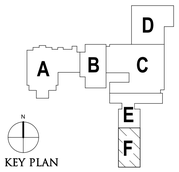
PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Framing Plan



ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS

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

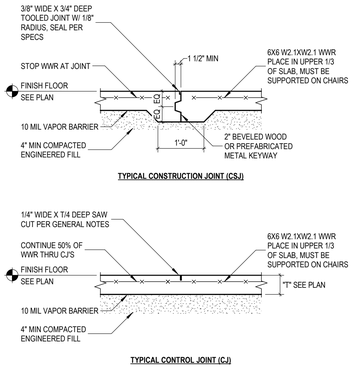
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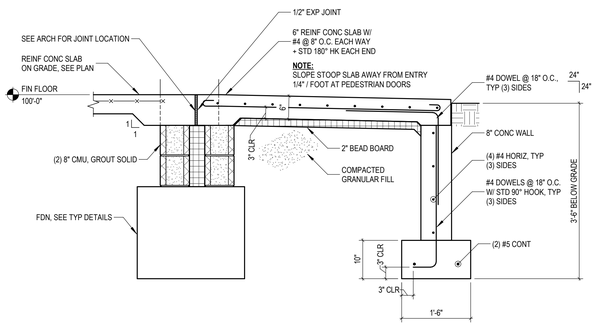
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S1.3F

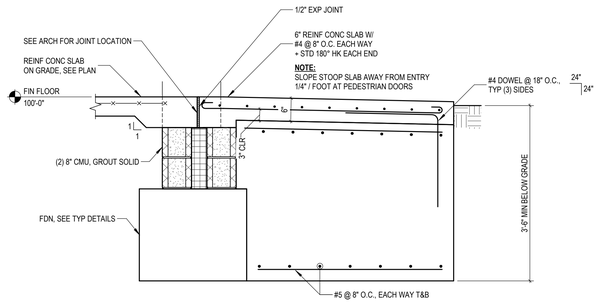
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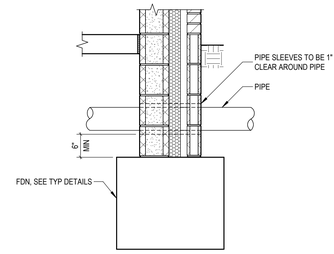
1 S4.1 TYPICAL SLAB ON GRADE DETAILS
NOT TO SCALE



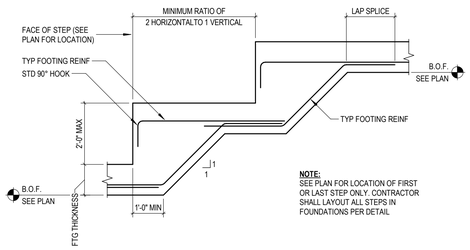
2 S4.1 TYPICAL STOOP SECTION
NOT TO SCALE



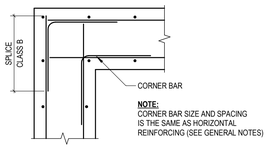
3 S4.1 MASS POUR STOOP SECTION
NOT TO SCALE
NOTE:
CONTACTER MAY USE TYPICAL STOOP SECTION.



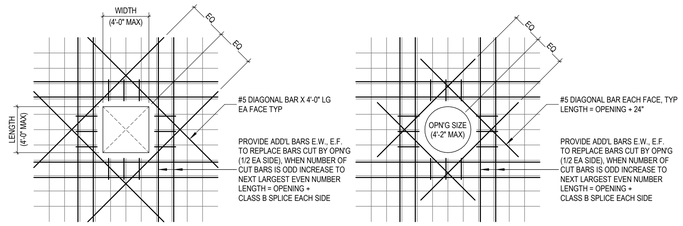
4 S4.1 TYP FDN DETAIL AT UTILITY
NOT TO SCALE



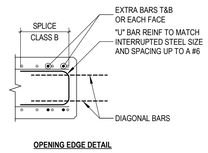
5 S4.1 TYPICAL STEP FOOTING DETAIL
NOT TO SCALE



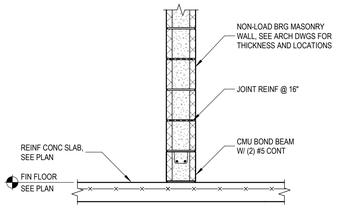
6 S4.1 TYP WALL & FTG CORNER DETAIL
NOT TO SCALE



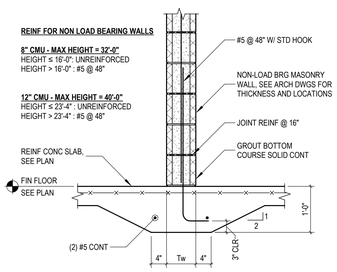
7 S4.1 TYPICAL SLAB AND WALL OPENINGS
NOT TO SCALE



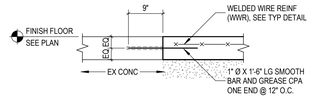
OPENING EDGE DETAIL



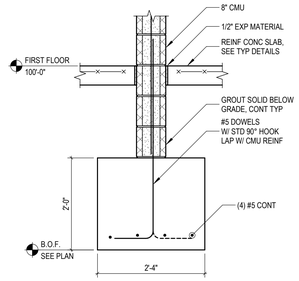
8 S4.1 NON-LOAD BEARING CMU DETAIL
NOT TO SCALE



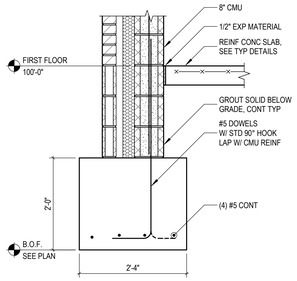
9 S4.1 THICKENED SLAB ON GRADE
SCALE: 3/4" = 1'-0"



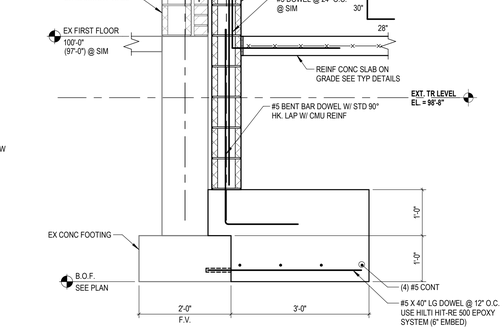
10 S4.1 TYP SLAB ON GRADE REPLACEMENT
NOT TO SCALE



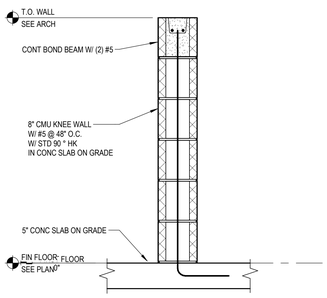
11 S4.1 DETAIL
SCALE: 3/4" = 1'-0"



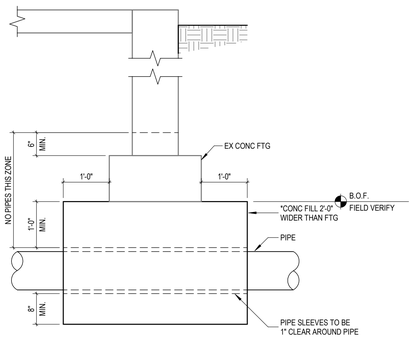
12 S4.1 DETAIL
SCALE: 3/4" = 1'-0"



13 S4.1 DETAIL
SCALE: 3/4" = 1'-0"



14 S4.1 TYP NON-LOAD BRG KNEE WALL
SCALE: 1" = 1'-0"



15 S4.1 TYP FOUNDATION DETAIL AT UTILITY
SCALE: 3/4" = 1'-0"
NOTE: CONTRACTOR IS RESPONSIBLE FOR SHORING EX FTG AS REQUIRED

TMP ARCHITECTURE INC
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REGISTRATION SEAL

CONSULTANT

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

PROJECT TITLE
Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE
Concrete Details

KEY PLAN

ISSUE DATES

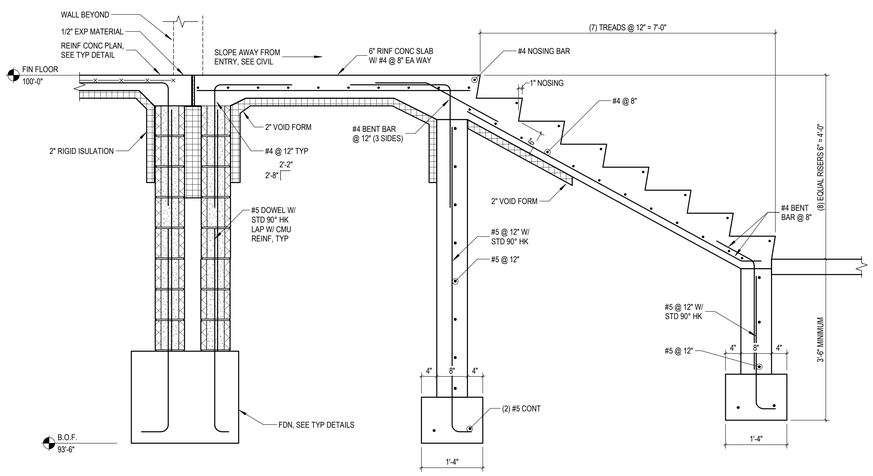
DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS

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

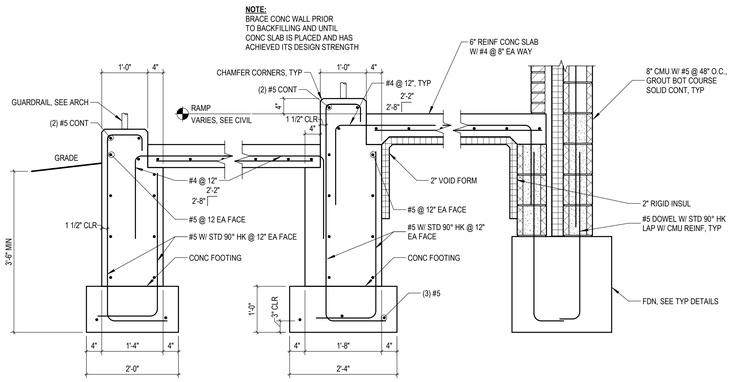
PROJECT NO.
25023D

DRAWING NO.
S4.1

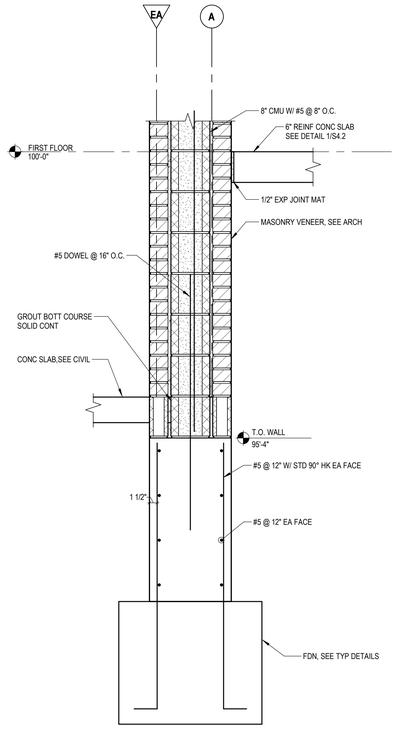
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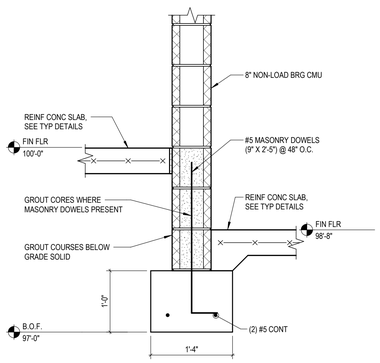
1 S4.2 DETAIL
SCALE: 3/4" = 1'-0"



2 S4.2 DETAIL
SCALE: 3/4" = 1'-0"



3 S4.2 DETAIL
SCALE: 1" = 1'-0"



4 S4.2 DETAIL
SCALE: 1" = 1'-0"

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PROJECT TITLE

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Dexter Community Schools
Dexter, MI

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Concrete Details

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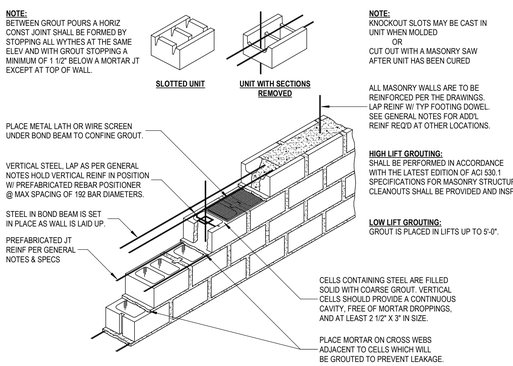
DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS

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CHECKED	B. KANNERS
APPROVED	E. MANNOR

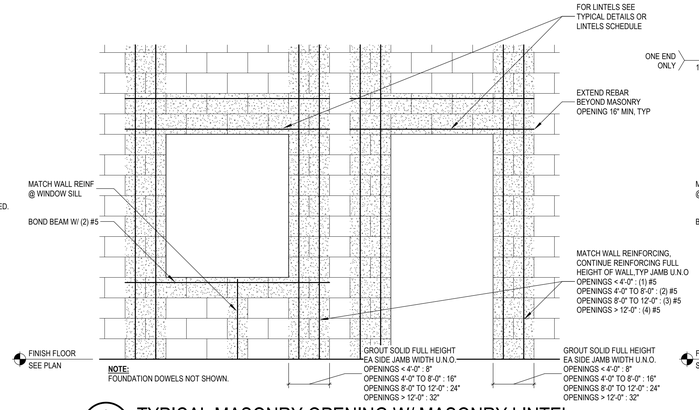
PROJECT NO.
25023D

DRAWING NO.
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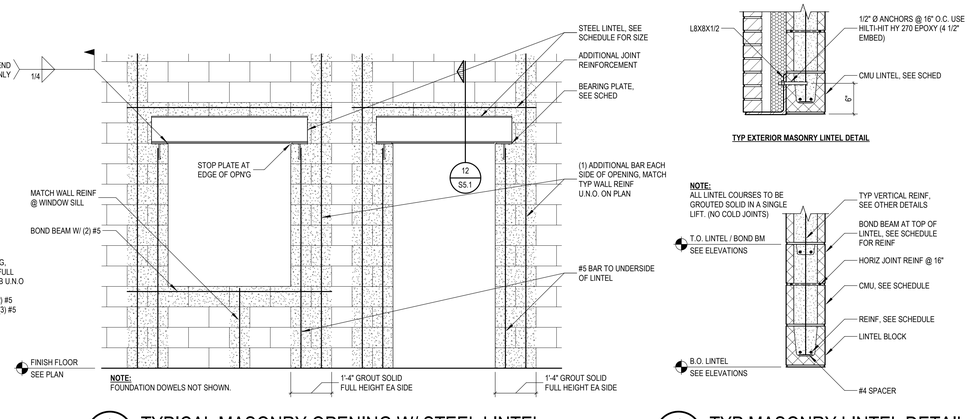
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1 S5.1 LOW-LIFT GROUTING TECHNIQUE
NOT TO SCALE

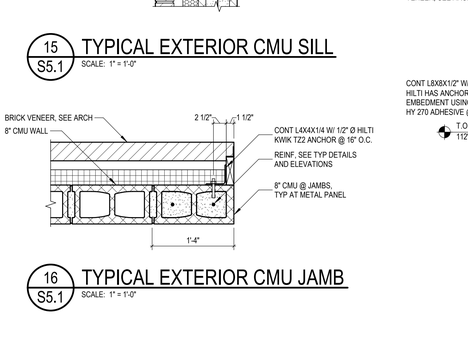


2 S5.1 TYPICAL MASONRY OPENING W/ MASONRY LINTEL
NOT TO SCALE

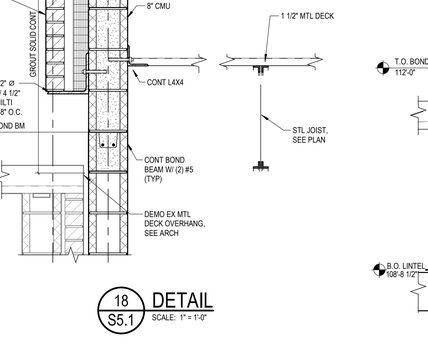


3 S5.1 TYPICAL MASONRY OPENING W/ STEEL LINTEL
NOT TO SCALE

4 S5.1 TYP MASONRY LINTEL DETAIL
NOT TO SCALE



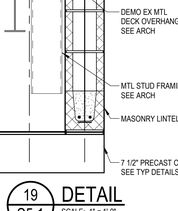
5 S5.1 TYPICAL BEAM PERPENDICULAR TO WALL
NOT TO SCALE



6 S5.1 TYPICAL BEAM PARALLEL TO WALL
NOT TO SCALE

MASONRY LINTEL SCHEDULE

MARK	OPENING WIDTH	b (IN)	h (IN)	TOP STEEL	BOTTOM STEEL	DETAIL
ML-1	SEE PLAN	7 5/8"	16"	-	(2) #5	4/SS.1
ML-2	SEE PLAN	7 5/8"	32"	(2) #5	(2) #5	4/SS.1
ML-3	SEE PLAN	7 5/8"	24"	(2) #5	-	4/SS.1



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

TABLE #2 - LAP SLICE LENGTHS FOR MASONRY WALLS (INCHES)

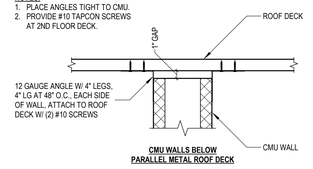
BARS PLACED FOR MAX "d" (DOUBLE REINFORCING)

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

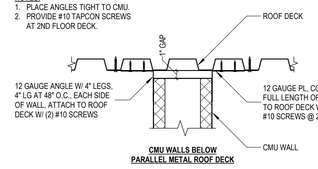
8 S5.1 TYPICAL VERTICAL REINFORCMENT LOCATION AND LAP SPLICE LENGTHS
NOT TO SCALE

NOTES:
1. PLACE ANGLES TIGHT TO CMU.
2. PROVIDE #10 TAPCON SCREWS AT 2ND FLOOR DECK.



CMU WALLS BELOW PARALLEL METAL ROOF DECK

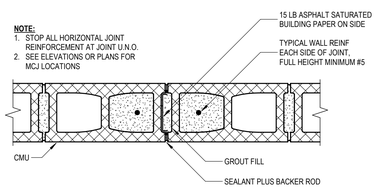
NOTES:
1. PLACE ANGLES TIGHT TO CMU.
2. PROVIDE #10 TAPCON SCREWS AT 2ND FLOOR DECK.



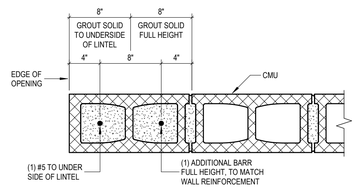
CMU WALLS BELOW PARALLEL METAL ROOF DECK

9 S5.1 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.



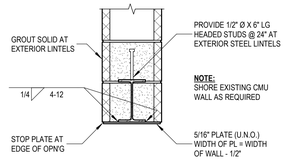
10 S5.1 MASONRY CONTROL JOINT (MCJ)
NOT TO SCALE



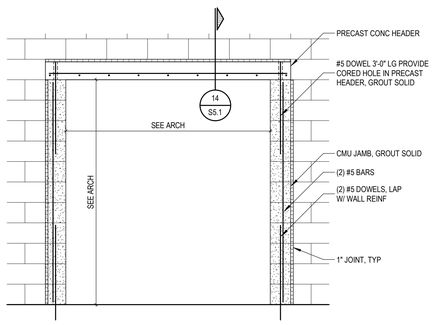
11 S5.1 TYPICAL LINTEL JAMB
NOT TO SCALE

STEEL LINTEL SCHEDULE

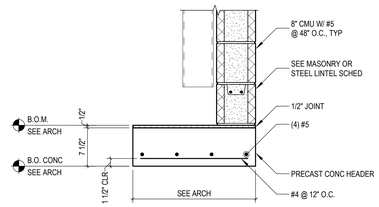
MARK	SIZE	BEARING PLATE	DETAIL
L-1	HSS16X8X5/16 + 3/8" PL	1/2" X 6" X 6"	14/S6.1



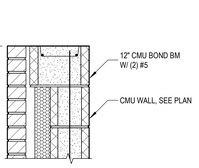
12 S5.1 TYP STEEL LINTEL DETAIL
NOT TO SCALE



13 S5.1 TYPICAL PORTAL FRAME
NOT TO SCALE



14 S5.1 DETAIL
NOT TO SCALE



15 S5.1 TYPICAL EXTERIOR CMU SILL
SCALE: 1" = 1'-0"

18 S5.1 DETAIL
SCALE: 1" = 1'-0"

19 S5.1 DETAIL
SCALE: 1" = 1'-0"

16 S5.1 TYPICAL EXTERIOR CMU JAMB
SCALE: 1" = 1'-0"

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CONSULTANT

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Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE
Masonry Details

KEY PLAN

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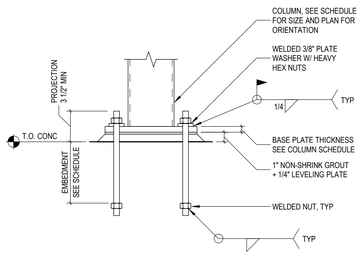
DATE:	ISSUED FOR:
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APPROVED	E. MANNOR

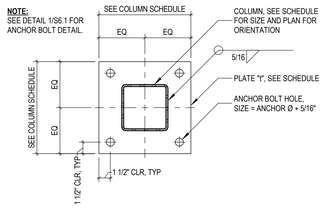
PROJECT NO.
25023D

DRAWING NO.
S5.1

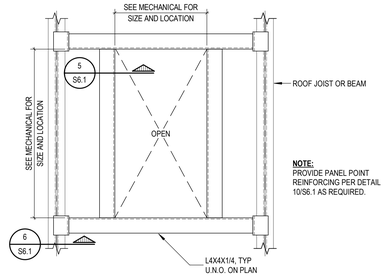
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2/5/2026 12:15:58 PM



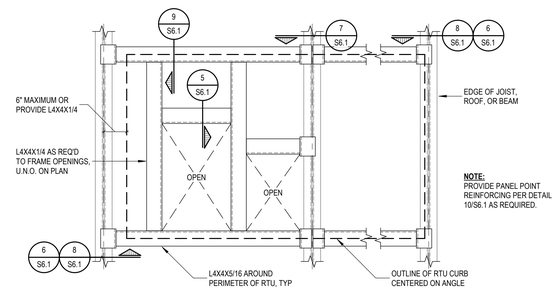
1 S6.1 TYPICAL ANCHOR BOLT DETAIL
NOT TO SCALE



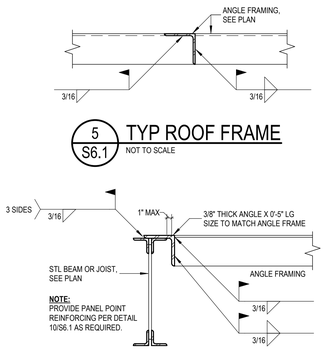
2 S6.1 TYPICAL BASE PLATE DETAIL
NOT TO SCALE



3 S6.1 TYPICAL ROOF OPENING
NOT TO SCALE

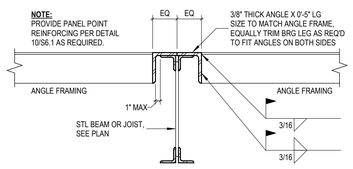


4 S6.1 TYPICAL RTU SUPPORT FRAME
NOT TO SCALE

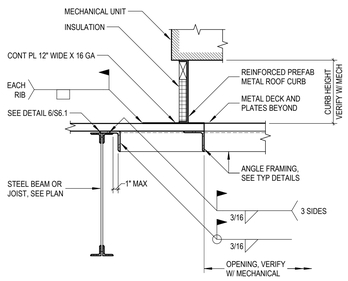


5 S6.1 TYP ROOF FRAME
NOT TO SCALE

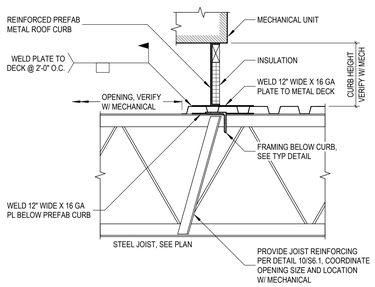
6 S6.1 TYP ROOF FRAME
NOT TO SCALE



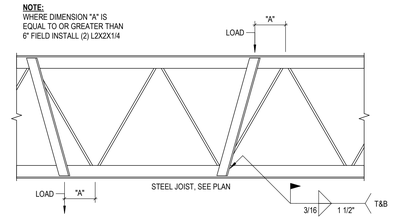
7 S6.1 TYP ROOF FRAME
NOT TO SCALE



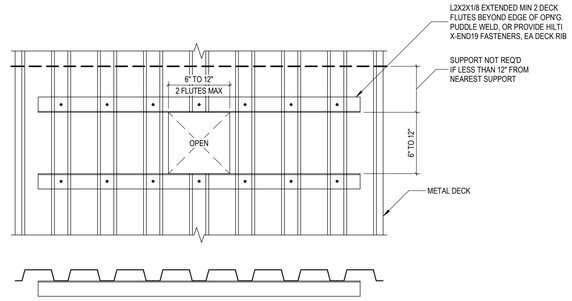
8 S6.1 TYPICAL RTU SUPPORT AT CURB
NOT TO SCALE



9 S6.1 TYPICAL RTU SUPPORT AT CURB
NOT TO SCALE

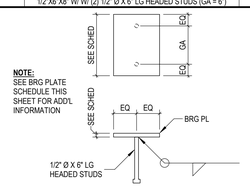


10 S6.1 TYPICAL JOIST PANEL POINT REINFORCING
NOT TO SCALE

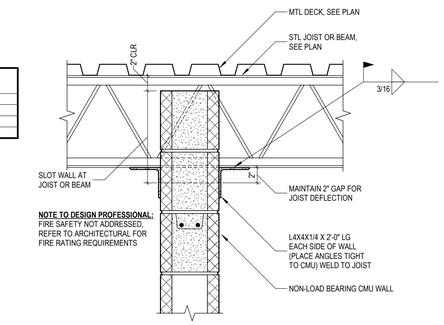


11 S6.1 TYP SMALL ROOF OPENING FRAMING
NOT TO SCALE

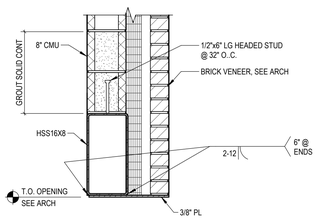
BEARING PLATE SCHEDULE		
BM/JOIST OR MARK	SIZE	REMARKS
TYP JOIST	3/8" X 6" X 6" W/ (2) 1/2" Ø X 6" LG HEADED STUDS (GA = 6")	
W8 OR HSS8	3/8"X6"X8" W/ W/ (2) 1/2" Ø X 6" LG HEADED STUDS (GA = 6")	
L-1	1/2"X6"X8" W/ W/ (2) 1/2" Ø X 6" LG HEADED STUDS (GA = 6")	



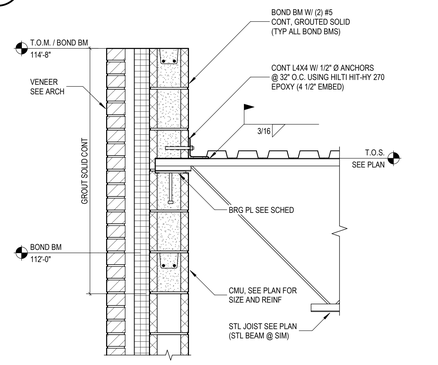
12 S6.1 TYP BEARING PL DETAIL
NOT TO SCALE



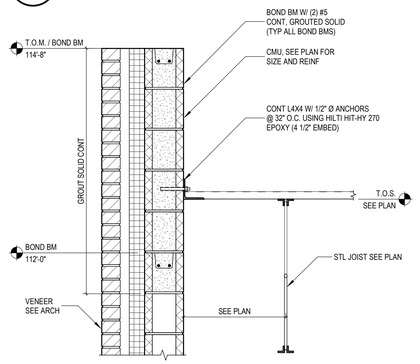
13 S6.1 TYP T.O. WALL AT STUCTURAL FRAMING
NOT TO SCALE



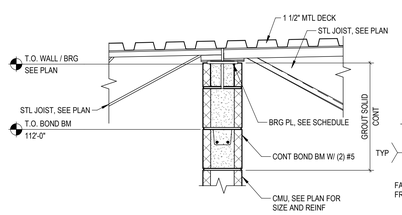
14 S6.1 DETAIL
SCALE: 1" = 1'-0"



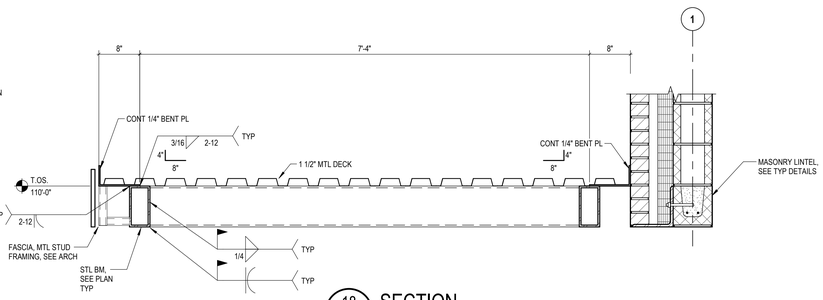
15 S6.1 DETAIL
SCALE: 1" = 1'-0"



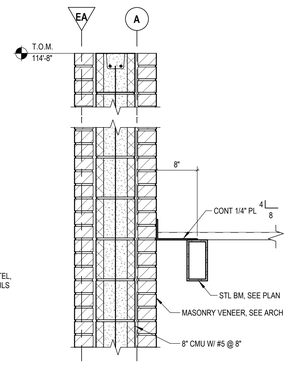
16 S6.1 DETAIL
SCALE: 1" = 1'-0"



17 S6.1 DETAIL
SCALE: 1" = 1'-0"



18 S6.1 SECTION
SCALE: 1" = 1'-0"



19 S6.1 SECTION
SCALE: 1" = 1'-0"

TMP ARCHITECTURE INC
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REGISTRATION SEAL

CONSULTANT

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

PROJECT TITLE
Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE
Steel Details

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS

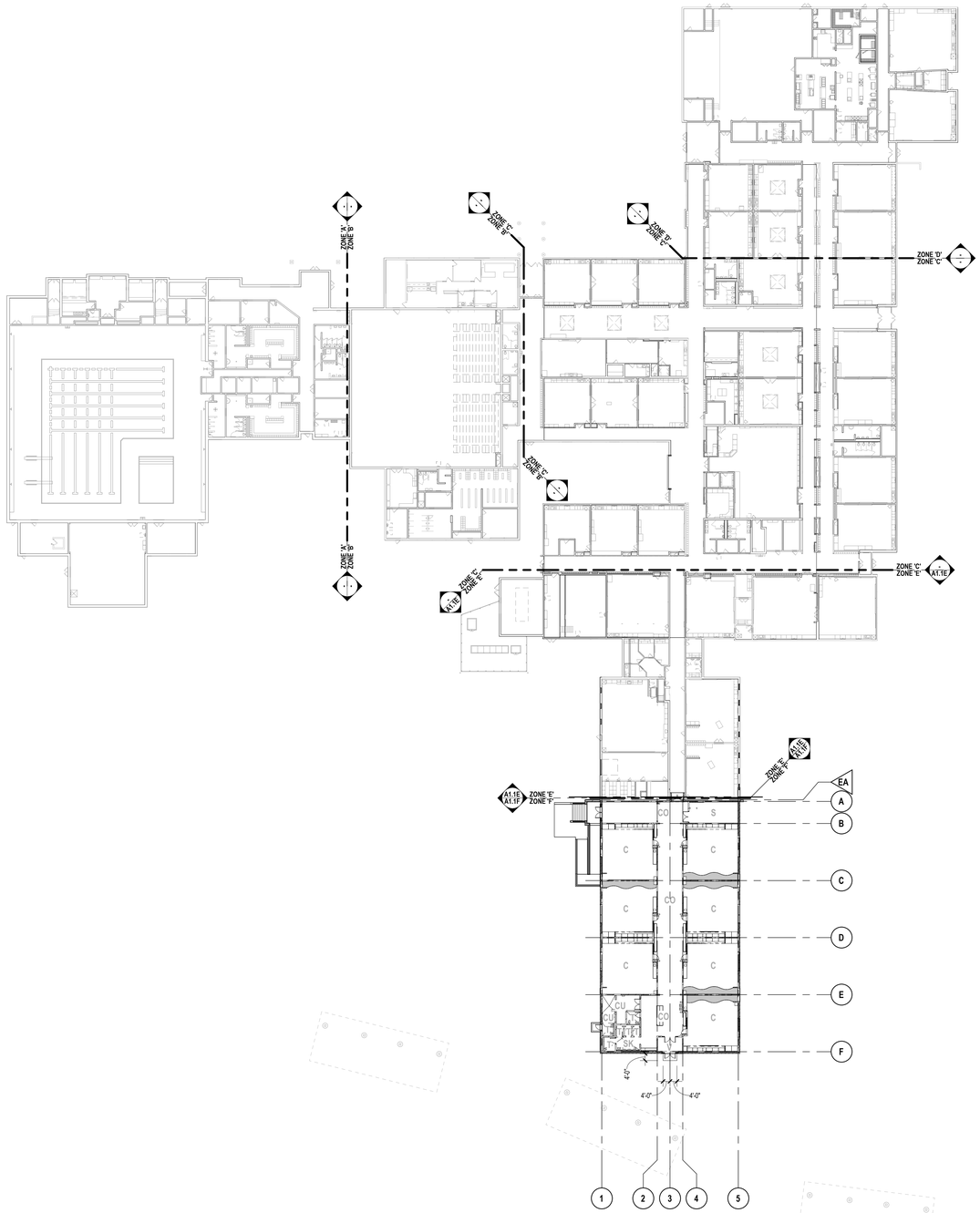
DRAWN	A. FISCHHABER
CHECKED	B. KANNERS
APPROVED	E. MANNOR

PROJECT NO.
25023D

DRAWING NO.
S6.1

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ROOM USE LEGEND	
C	CLASSROOM
CO	CORRIDOR
CU	CUSTODIAL
GS	GROUNDS STAFF
O	OFFICE
T	TOILET
R	RECEPTION
S	STORAGE
SK	SINKS
V	VESTIBULE



FIRST LEVEL COMPOSITE PLAN

SCALE: 1/32" = 1'-0"

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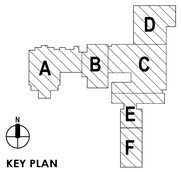
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Composite Plan



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT
10-24-2025	SCHEMATIC DESIGN

DRAWN	AH
CHECKED	ML
APPROVED	DL

PROJECT NO.

25023D

DRAWING NO.

AC.1

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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'																
E100	3'-6 3/8" x 7'-10"	F	WD	PFN	-	1	HM	PTD	-					90	01	HOLD OPENS
E100A	3'-6 3/8" x 7'-10"	F	WD	PFN	-	-*	HM	PTD	-					90	-*	HOLD OPENS *SHARED FRAME & HARDWARE WITH E100
First Level - Zone 'F'																
F100	3'-0" x 7'-2"	FG2	AL	PFN	GL-2	3	PFN	AL	GL-2				MET		08	REMOVABLE CENTER POST
F100A	3'-0" x 7'-2"	FG2	AL	PFN	GL-2	-*	PFN	AL	GL-2				MET		-*	CARD READER, ADA DOOR OPERATOR, *SHARED FRAME & HDWE. WITH F100
F101	3'-1" x 7'-2"	FG2	AL	PFN	GL-1	5	PFN	AL	GL-1						10	
F101A	3'-1" x 7'-2"	FG2	AL	PFN	GL-1	-	PFN	AL	GL-1						-*	ADA DOOR OPERATOR, *SHARED FRAME & HARDWARE WITH F101
F103	3'-0" x 7'-2"	F	FRP	PFN	-	1	AL	PFN	-						03	
F104	2'-6" x 7'-2"	F	FRP	PFN	-	1	AL	PFN	-						02	
F105	2'-6" x 7'-2"	F	FRP	PFN	-	1	AL	PFN	-						02	
F106	2'-6" x 7'-2"	F	FRP	PFN	-	1	AL	PFN	-						02	
F107	3'-0" x 7'-2"	F	FRP	PFN	-	1	AL	PFN	-				MET		07	CARD READER
F108	3'-0" x 7'-2"	F	WD	PFN	-	1	HM	PTD	-				THR-1	45	06	
F109	(2) 3'-0" x 7'-2"	F	WD	PFN	-	1	HM	PTD	-					45	05	
F110	3'-0" x 7'-2"	F	FRP	PFN	-	1	AL	PFN	-				THR-1		03	
F111	3'-0" x 7'-2"	N	WD	PFN	FRGL-1	4	HM	PTD	FRGL-2					20	04	
F113	3'-0" x 7'-2"	N	WD	PFN	FRGL-1	4	HM	PTD	FRGL-2					20	04	
F114	3'-0" x 7'-2"	N	WD	PFN	FRGL-1	4	HM	PTD	FRGL-2					20	04	
F114A	19'-0" x 10'-0"															OPERABLE PARTITION
F115	3'-0" x 7'-2"	N	WD	PFN	FRGL-1	4	HM	PTD	FRGL-2					20	04	
F116	3'-0" x 7'-2"	N	WD	PFN	FRGL-1	4	HM	PTD	FRGL-2					20	04	
F117	3'-0" x 7'-2"	N	WD	PFN	FRGL-1	4	HM	PTD	FRGL-2					20	04	
F117A	19'-0" x 10'-0"		-	-	-	-	-	-	-							OPERABLE PARTITION
F118	3'-0" x 7'-2"	N	WD	PFN	FRGL-1	4	HM	PTD	FRGL-2					20	04	
F118A	19'-0" x 10'-0"		-	-	-	-	-	-	-							OPERABLE PARTITION
F119	3'-0" x 7'-2"	FG2	AL	PFN	GL-2	3	AL	PFN	GL-2				MET		09	CARD READER, ADA DOOR OPERATOR, REMOVABLE CENTER POST
F119A	3'-0" x 7'-2"	FG2	AL	PFN	GL-2	-*	AL	PFN	GL-2				MET		-*	*SHARED FRAME & HARDWARE WITH F119
F120	(2) 3'-0" x 7'-2"	F	WD	PFN	-	1	HM	PTD	-					45	11	

GLAZING TYPES

GL-1	1/4" (6mm) CLEAR HEAT-STRENGTHENED LAMINATED GLASS
GL-2	1" (25mm) TINTED HEAT-STRENGTHENED LAMINATED INSULATING GLASS (LOW-E)
FRGL-1	1/4" (6mm) FIRE PROTECTIVE GLAZING (20 MIN)
FRGL-2	3/4" (19mm) FIRE PROTECTIVE GLAZING (45 MIN)

DOOR SCHEDULE ABBREVIATIONS AND NOTES

(REFER TO SPECIFICATIONS FOR ADDITIONAL 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.

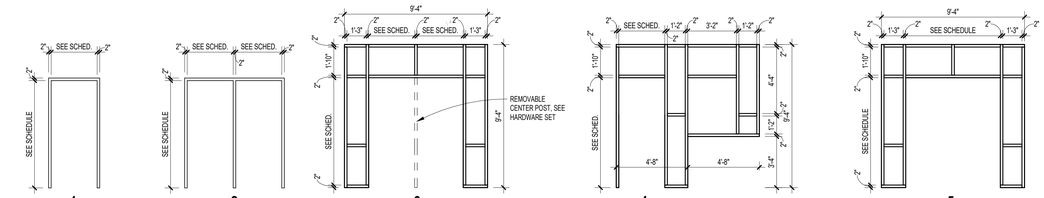
U.L. DOOR LABEL DESIGNATIONS

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

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Door & Frame Schedule

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT

DRAWN	AH
CHECKED	ML
APPROVED	DL

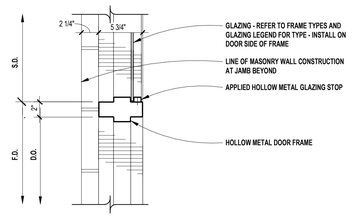
PROJECT NO.

25023D

DRAWING NO.

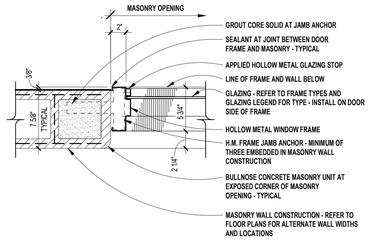
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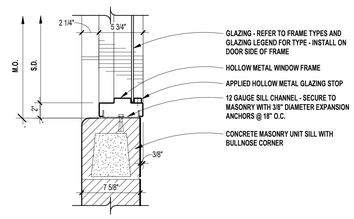
5 HOLLOW METAL WINDOW FRAME TRANSOM DETAIL

SCALE: 1 1/2" = 1'-0"



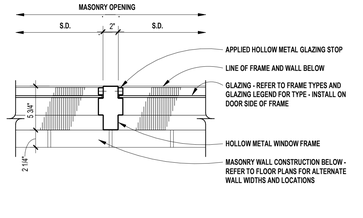
4 HOLLOW METAL WINDOW FRAME JAMB DETAIL

SCALE: 1 1/2" = 1'-0"



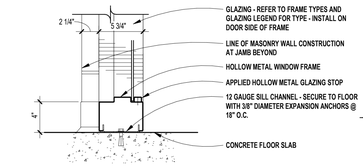
8 HOLLOW METAL WINDOW FRAME SILL DETAIL

SCALE: 1 1/2" = 1'-0"



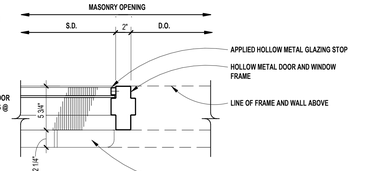
3 HOLLOW METAL WINDOW FRAME MULLION DETAIL

SCALE: 1 1/2" = 1'-0"



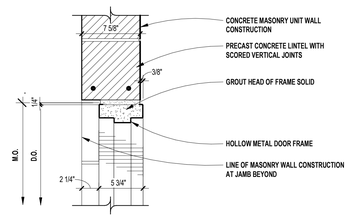
7 HOLLOW METAL WINDOW FRAME SILL DETAIL

SCALE: 1 1/2" = 1'-0"



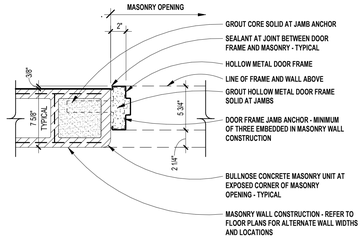
2 HOLLOW METAL WINDOW FRAME DOOR JAMB

SCALE: 1 1/2" = 1'-0"



6 HOLLOW METAL DOOR FRAME HEAD DETAIL

SCALE: 1 1/2" = 1'-0"



1 HOLLOW METAL DOOR FRAME JAMB DETAIL

SCALE: 1 1/2" = 1'-0"

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Typical Frame Details

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW

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APPROVED	DL

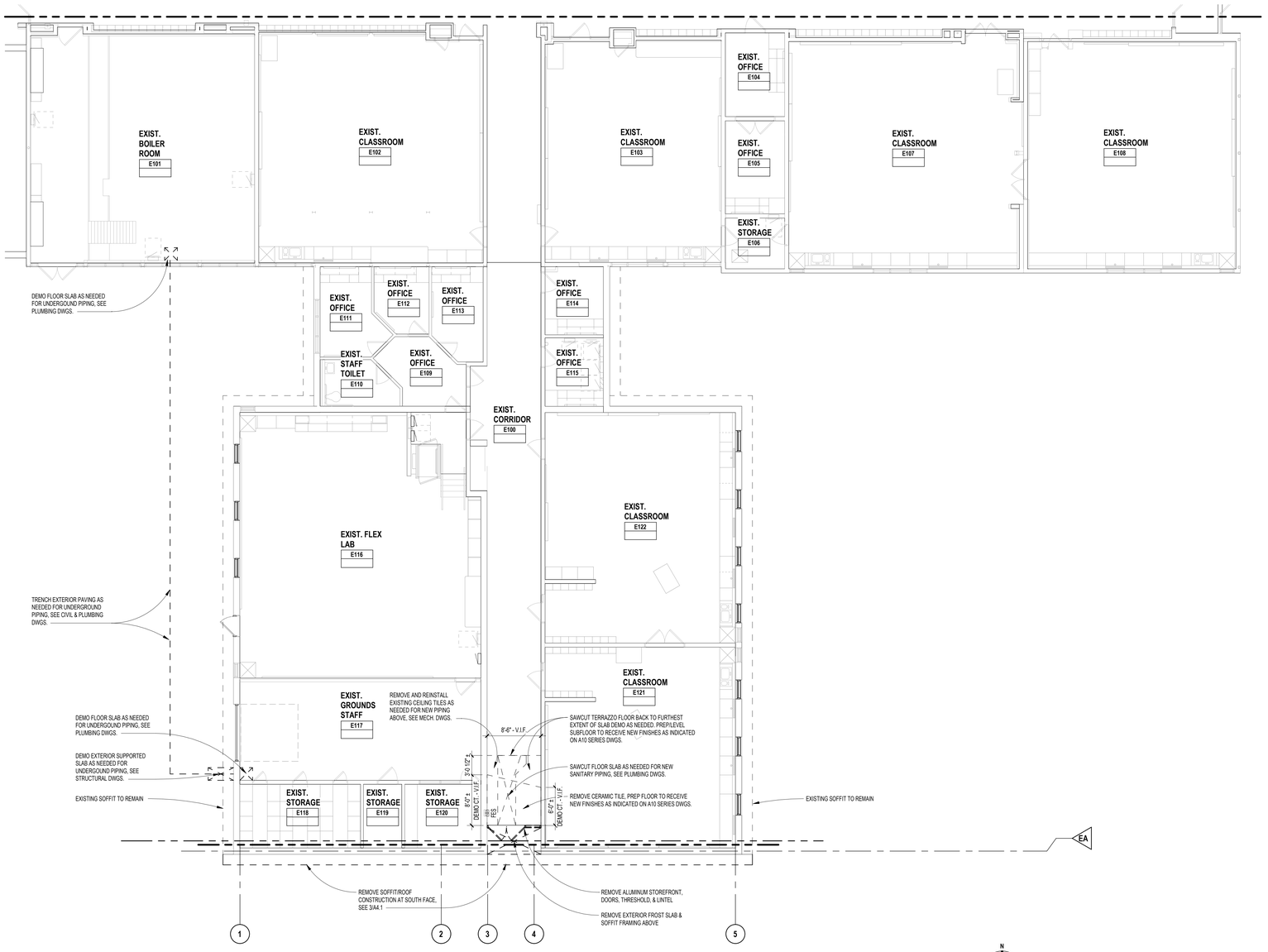
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25023D

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FIRST LEVEL DEMOLITION PLAN - ZONE 'E'

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

SALVAGED ITEMS

TMP ARCHITECTURE

TMP ARCHITECTURE INC

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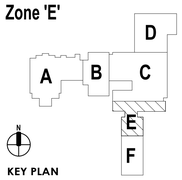
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Demolition Plan - Zone 'E'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
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12-08-2025	DESIGN DEVELOPMENT
10-24-2025	SCHEMATIC DESIGN

DRAWN	AH
CHECKED	ML
APPROVED	DL

PROJECT NO.

25023D

DRAWING NO.

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N

FIRST LEVEL FLOOR PLAN - ZONE 'E'

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

LOCKER LEGEND

TYPE L-1

- SINGLE-TIER STANDARD LOCKERS (12" X 12" X 60" HIGH) VENTILATED, ON METAL 2" BASE
- SINGLE-TIER ADA ACCESSIBLE LOCKERS (12" X 12" X 60" HIGH) VENTILATED, ON METAL 2" BASE

NOTES:

1. PROVIDE CONTINUOUS SLOPED TOPS AT ALL LOCKERS (UON)
2. PROVIDE FILLER PIECES AT ENDS & CORNERS AS REQUIRED
3. SIZES INDICATED ABOVE REFER TO WIDTH x DEPTH x HEIGHT

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

- 1A 7/8" METAL FURRING @ 16" OC (MAX) W/ 5/8" GYP BOARD ONE SIDE TO 6" ABOVE CEILING
- 1C 3 5/8" 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
- 2A 3 5/8" METAL STUDS AT 16" O.C. (MAX.) WITH 1 LAYER 5/8" GYPSUM BOARD EACH SIDE. 3" ACOUSTICAL BATT INSULATION FULL HEIGHT. HEIGHT: FROM FLOOR TO 4" ABOVE CEILING. BRACE TO ADJACENT WALLS AS REQUIRED.
- 2N 3 5/8" METAL STUDS AT 16" O.C. (MAX.) WITH VAF1 ON 1 LAYER 5/8" GYPSUM BOARD EACH SIDE. 3" ACOUSTICAL BATT INSULATION FULL HEIGHT. HEIGHT: FROM 8" BELOW TO 4" ABOVE CEILING. BRACE TO ADJACENT WALLS AS REQUIRED.
- 4A 4" CMU TO ONE FULL COURSE ABOVE CEILING
- 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
- 6B 6" CMU TO STRUCTURE ABOVE, 2 HOUR RATED, UL DESIGN NO. U906
- 6C 8" CMU TO STRUCTURE ABOVE, 2 HOUR RATED, UL DESIGN NO. U905

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 A5_ 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. WHERE SLAB DEPRESSIONS ARE INDICATED FOR WOOD FLOOR SYSTEMS, CONFIRM DEPRESSION WITH WOOD FLOORING CONTRACTOR. ADJUST DEPRESSION, AS REQUIRED, TO MEET FLUSH WITH ADJACENT FLOOR MATERIALS (i.e. CERAMIC TILE, QUARRY TILE, ETC.).
19. 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. CONTRACTORS 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.

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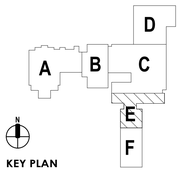
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Floor Plan - Zone 'E'



KEY PLAN

ISSUE DATES

02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT
10-24-2025	SCHEMATIC DESIGN

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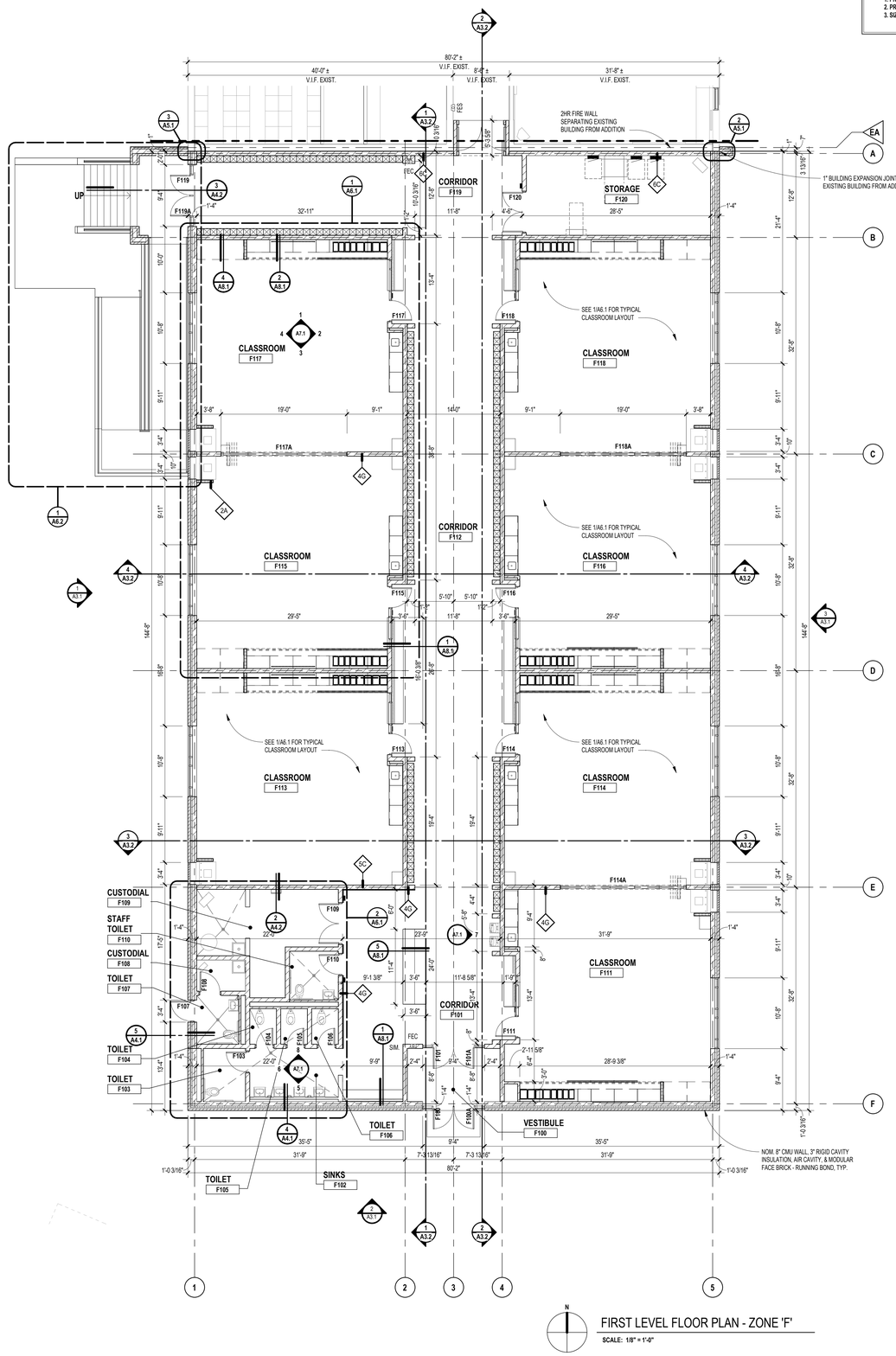
PROJECT NO.

25023D

DRAWING NO.

A1.1E

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FIRST LEVEL FLOOR PLAN - ZONE 'F'

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

LOCKER LEGEND

TYPE		
L-1	☒	SINGLE-TIER STANDARD LOCKERS (12" X 12" X 60" HIGH) VENTILATED, ON METAL 2" BASE
	♿	SINGLE-TIER ADA ACCESSIBLE LOCKERS (12" X 12" X 60" HIGH) VENTILATED, ON METAL 2" BASE

NOTES:

1. PROVIDE CONTINUOUS SLOPED TOPS AT ALL LOCKERS (UON)
2. PROVIDE FILLER PIECES AT ENDS & CORNERS AS REQUIRED
3. SIZES INDICATED ABOVE REFER TO WIDTH x DEPTH x HEIGHT

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

1A	7/8" METAL FURRING @ 16" OC (MAX) W/ 5/8" GYP BOARD ONE SIDE TO 8" ABOVE CEILING
1C	3 5/8" 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
2A	3 5/8" METAL STUDS AT 16" O.C. (MAX.) WITH 1 LAYER 5/8" GYPSUM BOARD EACH SIDE. 3" ACOUSTICAL BATT INSULATION FULL HEIGHT. HEIGHT: FROM FLOOR TO 4" ABOVE CEILING. BRACE TO ADJACENT WALLS AS REQUIRED.
2N	3 5/8" METAL STUDS AT 16" O.C. (MAX.) WITH VAF1 ON 1 LAYER 5/8" GYPSUM BOARD EACH SIDE. 3" ACOUSTICAL BATT INSULATION FULL HEIGHT. HEIGHT: FROM 8" BELOW TO 4" ABOVE CEILING. BRACE TO ADJACENT WALLS AS REQUIRED.
4A	4" CMU TO ONE FULL COURSE ABOVE CEILING
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
6B	6" CMU TO STRUCTURE ABOVE, 2 HOUR RATED, UL DESIGN NO. U906
6C	8" CMU TO STRUCTURE ABOVE, 2 HOUR RATED, UL DESIGN NO. U905

NOTES:

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19. ALL EXPOSED EXISTING STRUCTURAL STEEL COLUMNS TO BE PAINTED WITH INTUMESCENT PAINT TO MAINTAIN FIRE RATING.

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4. MATCH EXISTING MASONRY COURSING ADJACENT IN EACH AREA AND TOOTH NEW WORK INTO EXISTING, UNLESS OTHERWISE INDICATED.
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6. TOOTH-IN MASONRY INTO EXISTING, U.O.N., INCLUDING JAMBS OF DOORS AND OTHER OPENINGS.

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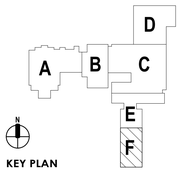
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Floor Plan - Zone 'F'



KEY PLAN

ISSUE DATES

02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT
10-24-2025	SCHEMATIC DESIGN

DATE:	ISSUED FOR:
DRAWN	AH
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APPROVED	DL

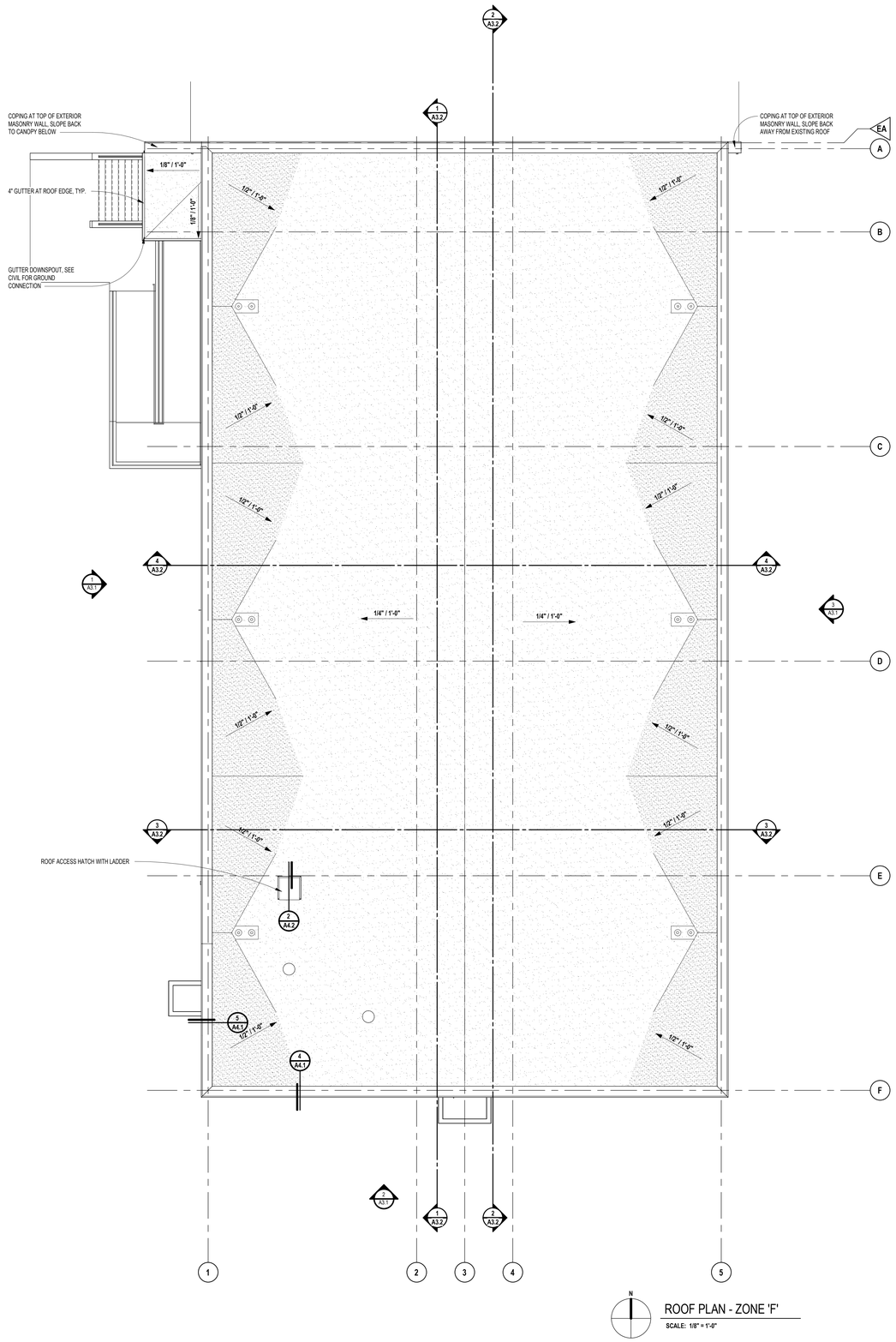
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ROOF PLAN - ZONE 'F'

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

ROOF PLAN LEGEND

RD/OD — COMBINATION PRIMARY / SECONDARY ROOF DRAIN

EF[RV] [IH] — EXHAUST FAN [RELIEF VENT] [INTAKE HOOD]

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

ROOF PATCH / TIE-IN (SEE GENERAL NOTE 3)

(0.0H:) — 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.

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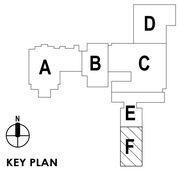
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Roof Plan - Zone 'F'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
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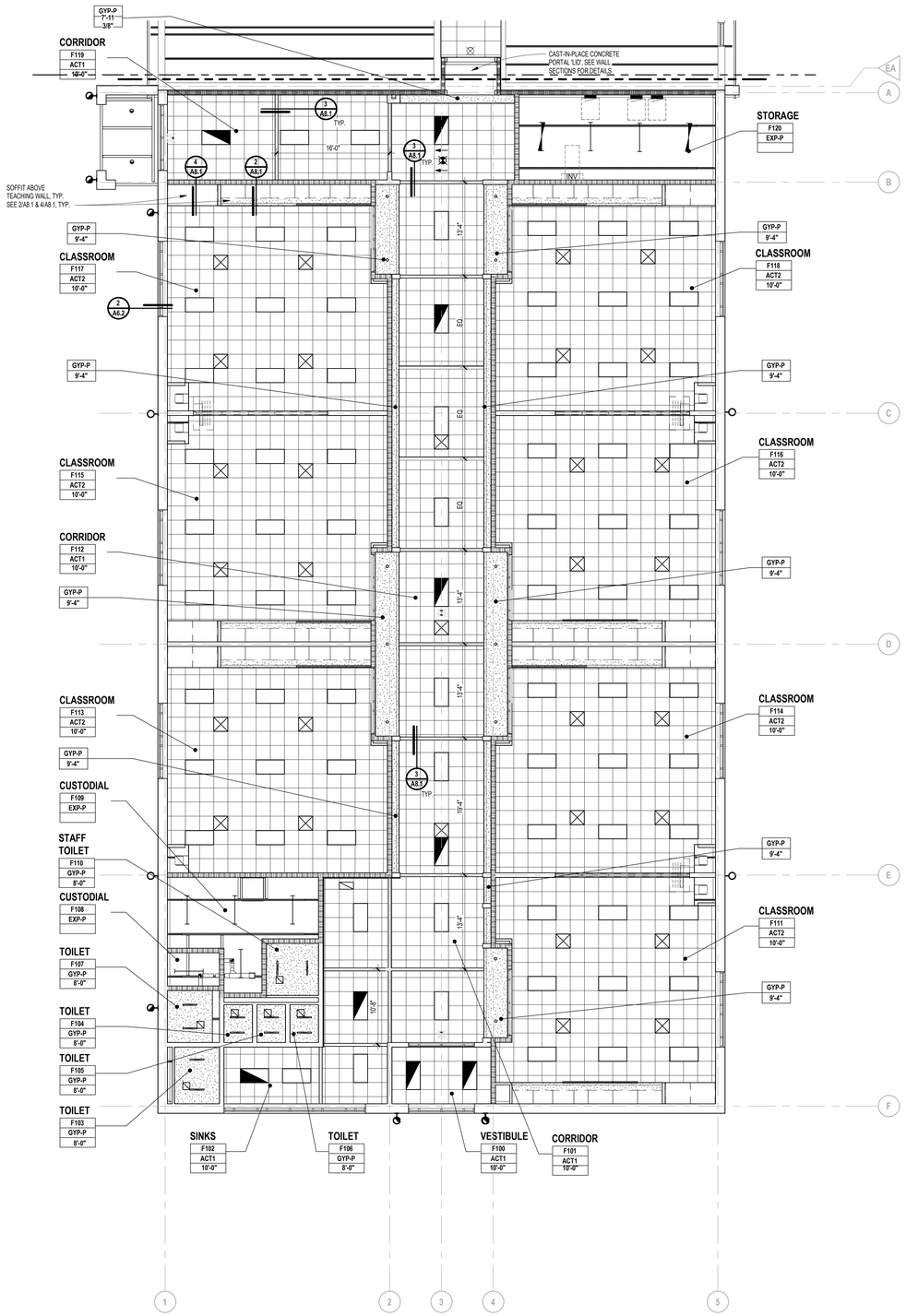
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FIRST LEVEL REFLECTED CEILING PLAN - ZONE 'F'

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.)
- 3" ACOUSTIC MINERAL WOOL BATT OVER LAY-IN CEILING

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
ALUM	ALUMINUM PANEL
AWFP	ACOUSTICAL WOOD FIBER PANELS - SURFACE MOUNTED
AWP	ACOUSTICAL WALL PANEL
EX	EXISTING
EX-P	EXISTING - PAINTED
EXP-P	EXPOSED CONSTRUCTION - PAINTED
EXP-UF	EXPOSED CONSTRUCTION - UNFINISHED
FB	FABRIC BANNERS
DEFS	DIRECT-APPLIED EXTERIOR FINISH SYSTEM
GYP-P	GYPSUM BOARD - PAINTED
GYP-EP	GYPSUM BOARD - EPOXY PAINTED
LIN	LINEAR PVC SYSTEM
MDF	MDF PANELS
MP	METAL PANELS
OCMC	OPEN CELL METAL CEILING
PT	PAINTED
RCP	RADIANT CEILING PANELS RE:MECHANICAL DRAWINGS
SCP	SYNTHETIC VENEER PLASTER
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 A8 SERIES DRAWINGS FOR TYPICAL DETAILS PERTAINING TO WALL TERMINATIONS AT STRUCTURE ABOVE.
9. SEE LIFE SAFETY PLANS FOR DAMPERING REQUIREMENTS.

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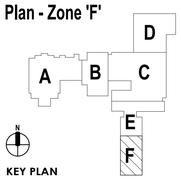
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Reflected Ceiling Plan - Zone 'F'



KEY PLAN

ISSUE DATES

02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT
10-24-2025	SCHEMATIC DESIGN

DATE: ISSUED FOR:

DRAWN	AH
CHECKED	ML
APPROVED	DL

PROJECT NO.

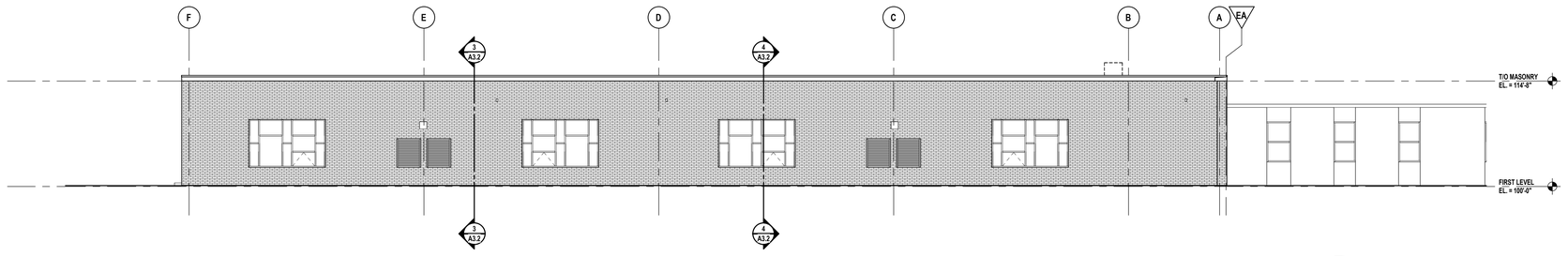
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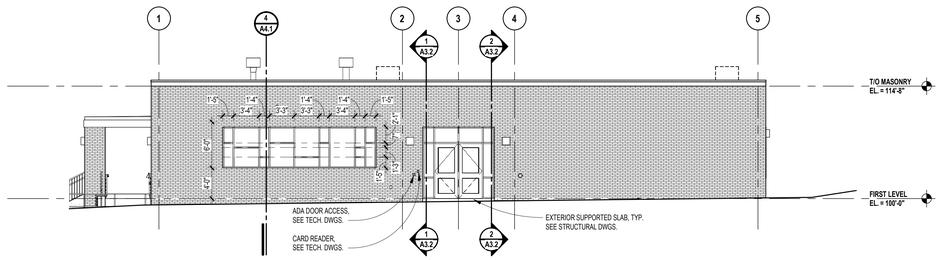
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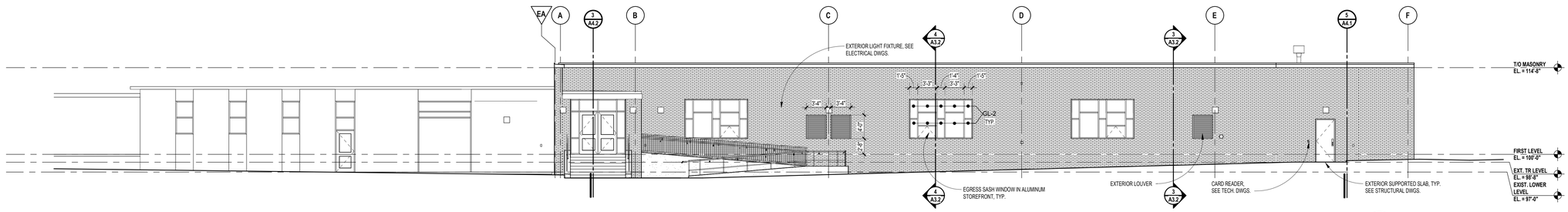
GLAZING TYPES	
GL-1	1/4" (6mm) CLEAR HEAT-STRENGTHENED LAMINATED GLASS
GL-2	1" (25mm) TINTED HEAT-STRENGTHENED LAMINATED INSULATING GLASS (LOW-E)
FRGL-1	1/4" (6mm) FIRE PROTECTIVE GLAZING (20 MIN)
FRGL-2	3/4" (19mm) FIRE PROTECTIVE GLAZING (45 MIN)



3 A1.1F EAST ELEVATION
SCALE: 1/8" = 1'-0"



2 A1.1F SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



1 A1.1F WEST ELEVATION
SCALE: 1/8" = 1'-0"

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Exterior Elevations

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT
10-24-2025	SCHEMATIC DESIGN

DRAWN	AH
CHECKED	ML
APPROVED	DL

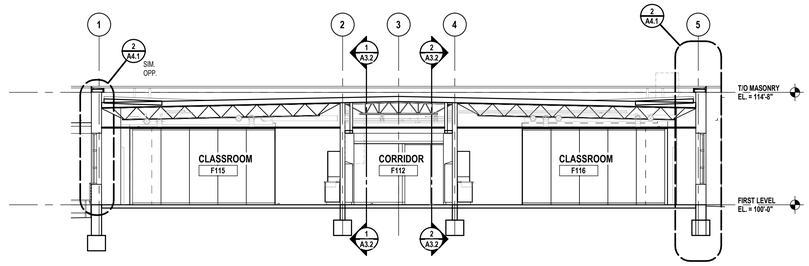
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25023D

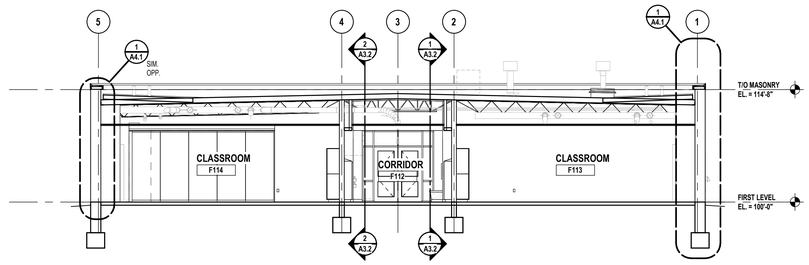
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A3.1

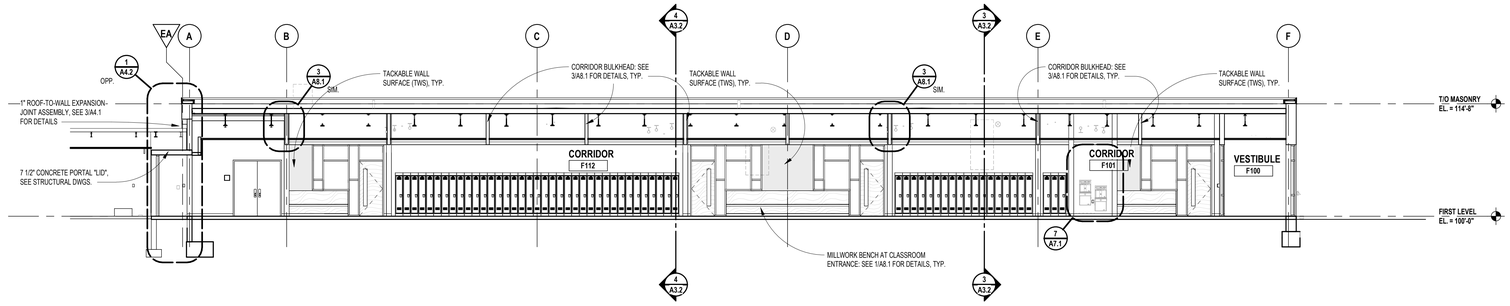
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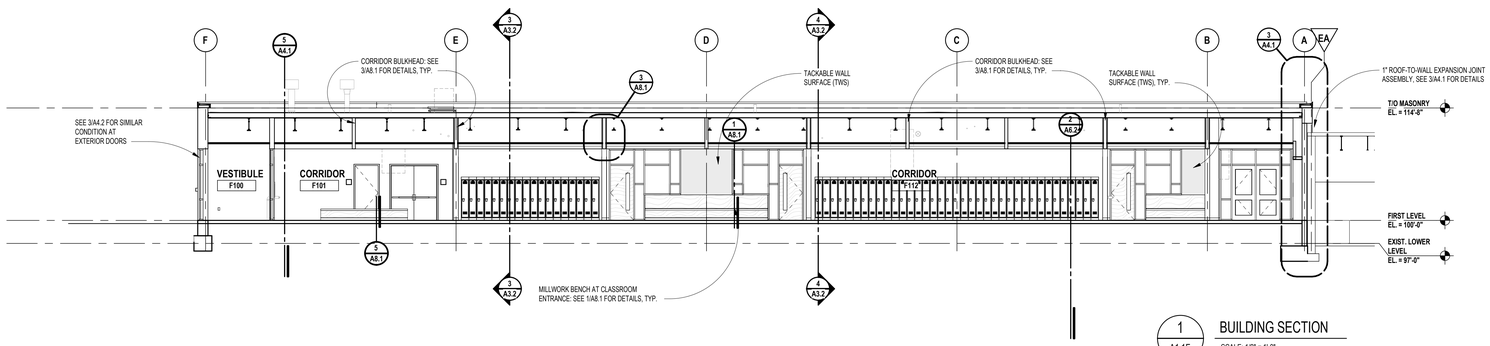
4 A1.1F BUILDING SECTION
SCALE: 1/8" = 1'-0"



3 A1.1F BUILDING SECTION
SCALE: 1/8" = 1'-0"



2 A1.1F BUILDING SECTION
SCALE: 1/8" = 1'-0"



1 A1.1F BUILDING SECTION
SCALE: 1/8" = 1'-0"

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REGISTRATION SEAL

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PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Building Sections

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT
10-24-2025	SCHEMATIC DESIGN

DRAWN	AH
CHECKED	ML
APPROVED	DL

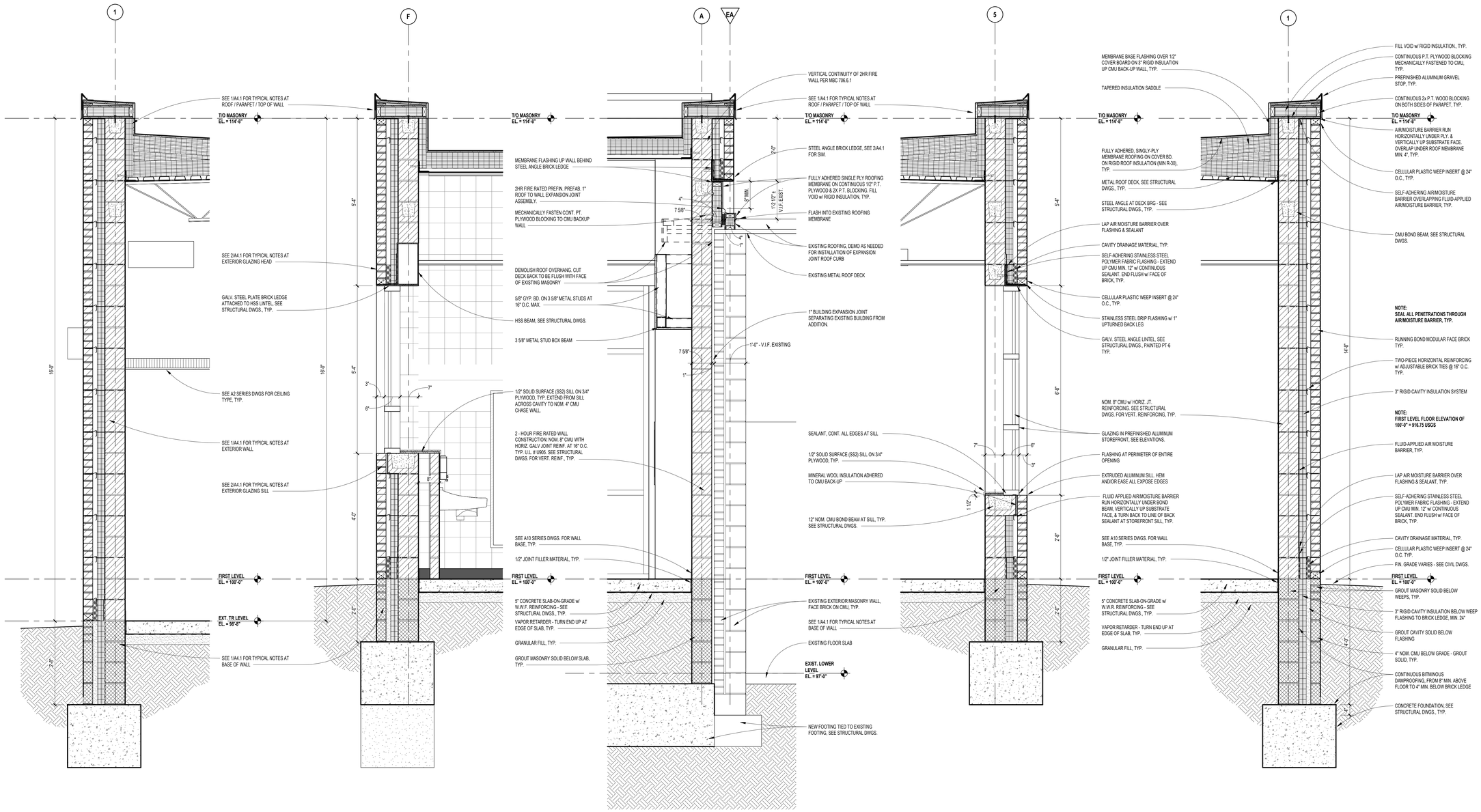
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A3.2

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5 A1.1F WALL SECTION
SCALE: 3/4" = 1'-0"

4 A1.1F WALL SECTION
SCALE: 3/4" = 1'-0"

3 A3.2 FIRE WALL SECTION
SCALE: 3/4" = 1'-0"

2 A3.2 WALL SECTION
SCALE: 3/4" = 1'-0"

1 A3.2 WALL SECTION
SCALE: 3/4" = 1'-0"

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CONSULTANT

PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Wall Sections

ISSUE DATES

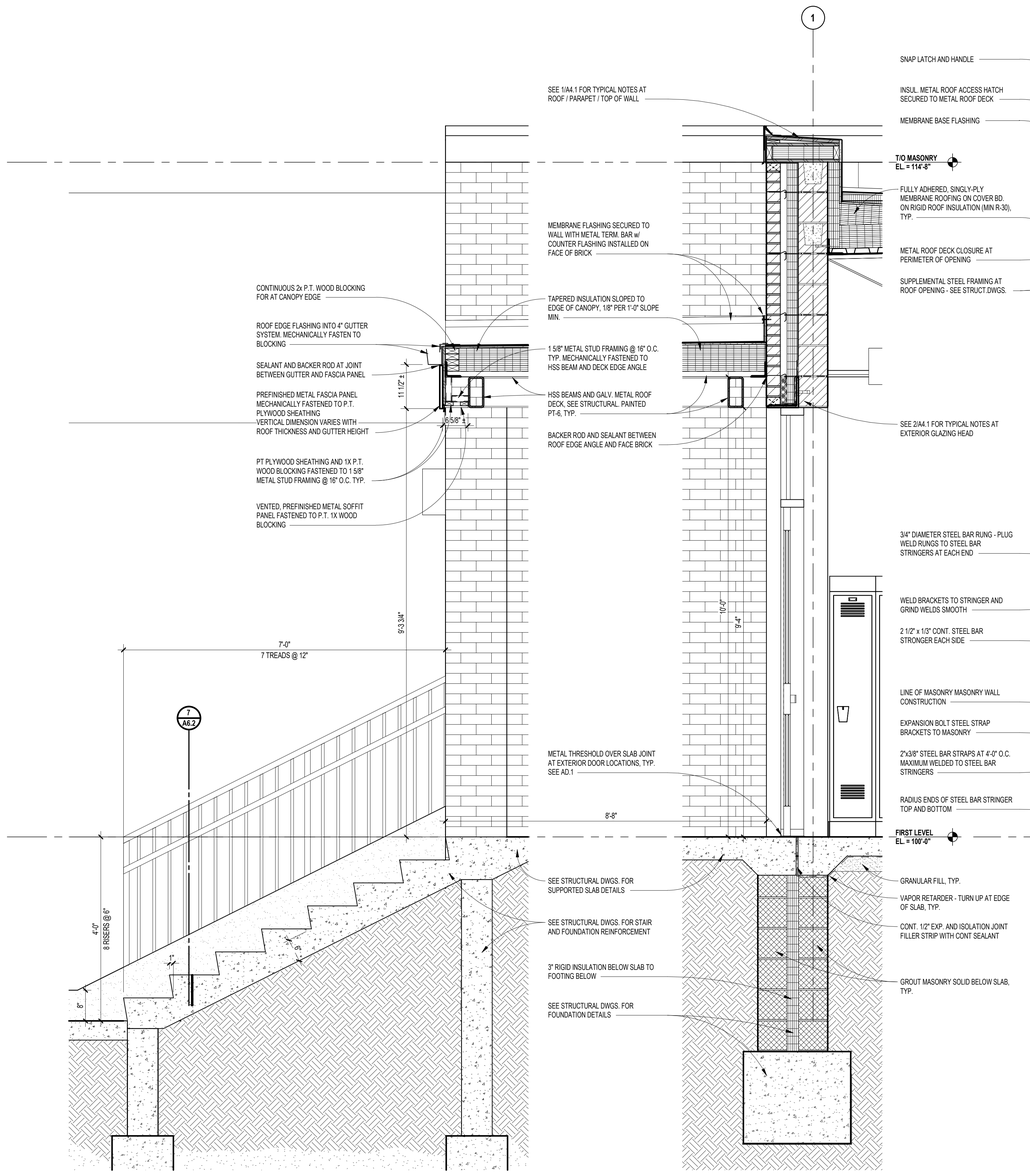
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12-08-2025	DESIGN DEVELOPMENT

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A4.1

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3 A1.1F EXTERIOR CANOPY & STAIR
SCALE: 3/4" = 1'-0"

2 A1.1F ROOF LADDER SECTION
SCALE: 3/4" = 1'-0"

1 A3.2 PORTAL WALL SECTION
SCALE: 3/4" = 1'-0"

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PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Wall Sections

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW

DRAWN	AH
CHECKED	ML
APPROVED	DL

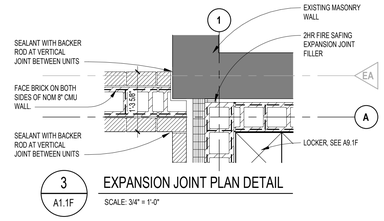
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25023D

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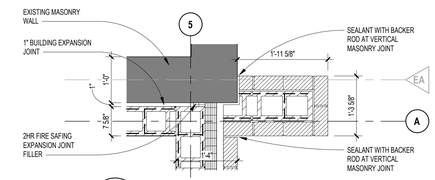
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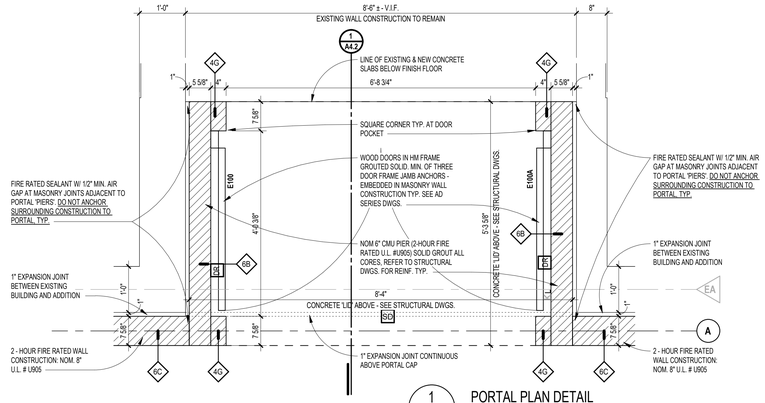
3 A1.1F EXPANSION JOINT PLAN DETAIL

SCALE: 3/4" = 1'-0"



2 A1.1F EXPANSION JOINT PLAN DETAIL

SCALE: 3/4" = 1'-0"



1 A1.1E PORTAL PLAN DETAIL

SCALE: 3/4" = 1'-0"

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PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Plan Details

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
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CHECKED	ML
APPROVED	DL

PROJECT NO.

25023D

DRAWING NO.

A5.1

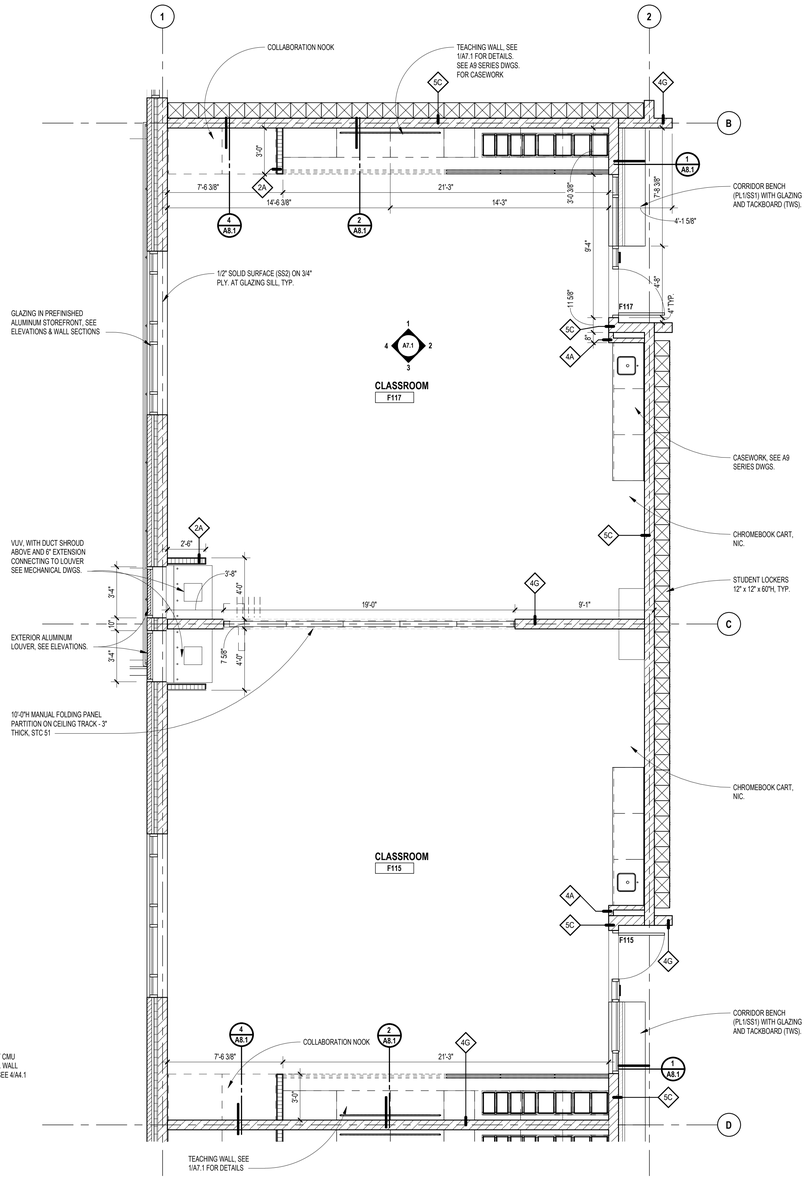
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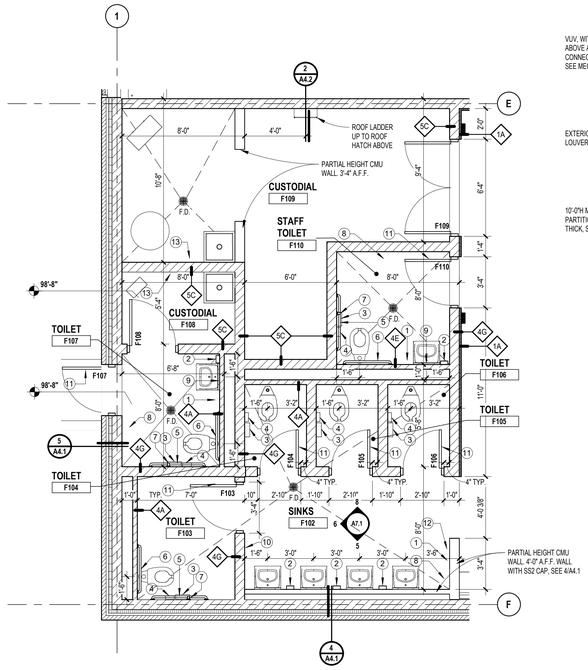
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2	SURFACE-MOUNTED LIQUID SOAP DISPENSER, OWNER PROVIDED, CONTRACTOR INSTALLED.
3	SURFACE-MOUNTED DOUBLE ROLL, TOILET PAPER HOLDER.
4	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL UNIT.
5	GRAB BAR (42" LONG).
6	GRAB BAR (36" LONG).
7	VERTICAL GRAB BAR (18" x 33" LONG).
8	WASTE RECEPTACLE, OWNER PROVIDED, CONTRACTOR INSTALLED.
9	CHANNEL FRAME MIRROR (18" W x 36" H).
10	CHANNEL FRAME MIRROR (30" W x 66" H).
11	CLOTHES HOOK.
12	SURFACE-MOUNTED WARM-AIR HAIR DRYER.
13	MOP HOOK WITH SHELF.

GENERAL NOTES

1. MOUNTING HEIGHTS AND POSITIONING SHALL BE AS INDICATED ON GENERAL INFORMATION SHEET (TG.1), U.O.N.



1 A1.1F — ENLARGED PLAN - TYPICAL CLASSROOMS
SCALE: 1/4" = 1'-0"



2 A1.1F — ENLARGED PLAN - TOILETS & CUSTODIAL
SCALE: 1/4" = 1'-0"

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PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Enlarged Floor Plans

ISSUE DATES

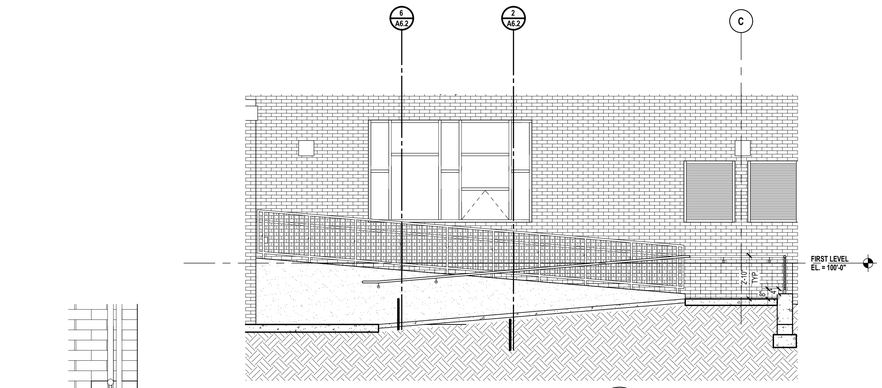
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT
10-24-2025	SCHEMATIC DESIGN

DATE:	ISSUED FOR:
DRAWN	SW, AH
CHECKED	ML
APPROVED	DL

PROJECT NO.
25023D

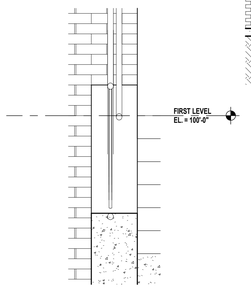
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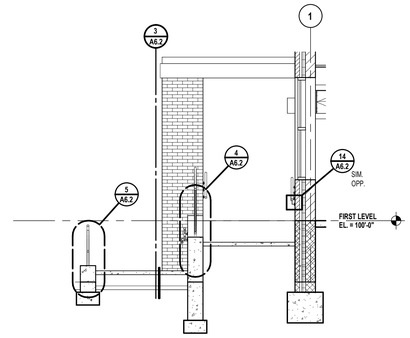
3 A6.2 NS RAMP SECTION

SCALE: 1/4" = 1'-0"



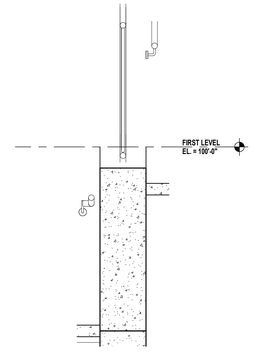
7 A4.2 GUARDRAIL & HANDRAIL - STAIR

SCALE: 3/4" = 1'-0"



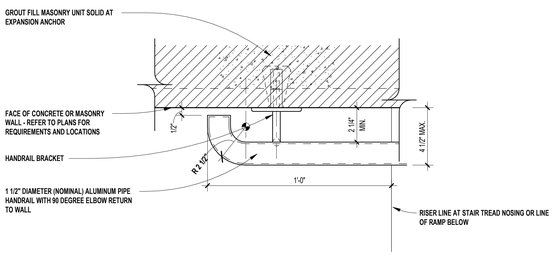
2 A2.1 EW RAMP SECTION

SCALE: 1/4" = 1'-0"



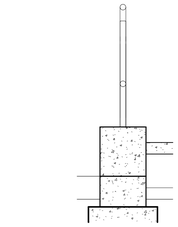
6 A6.2 GUARDRAIL & HANDRAIL - RAMP

SCALE: 3/4" = 1'-0"



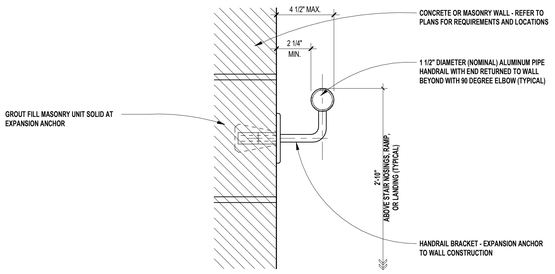
15 DETAIL AT HANDRAIL END RETURN

SCALE: 3" = 1'-0"



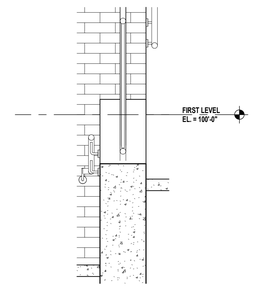
5 A6.2 HANDRAILING DETAIL - RAMP

SCALE: 3/4" = 1'-0"



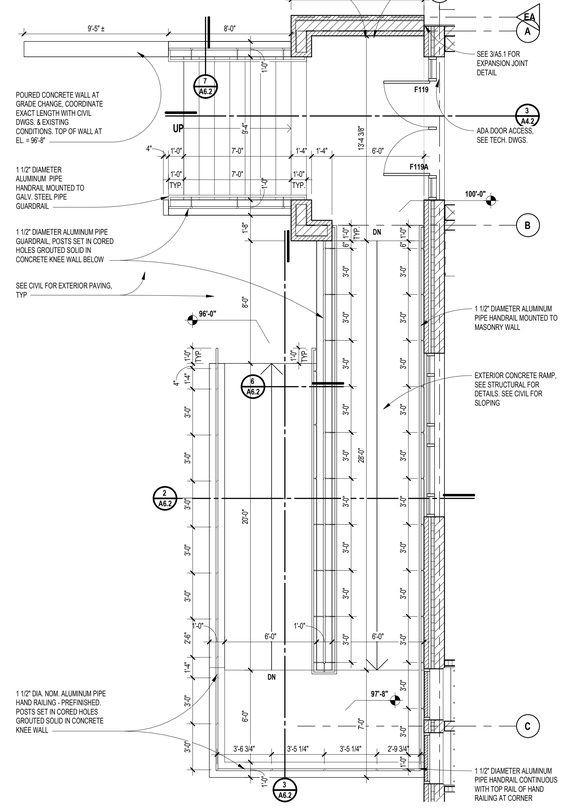
14 DETAIL AT HANDRAIL BRACKET

SCALE: 3" = 1'-0"



4 A6.2 GUARDRAIL & HANDRAIL - RAMP

SCALE: 3/4" = 1'-0"



1 A1.1F ENLARGED FLOOR PLAN - EXT. STAIR & RAMP

SCALE: 1/4" = 1'-0"

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Ramp, Stair, and Handrail Details

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW

DRAWN	AH
CHECKED	ML
APPROVED	DL

PROJECT NO.

25023D

DRAWING NO.

A6.2

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ACCESSORIES LEGEND

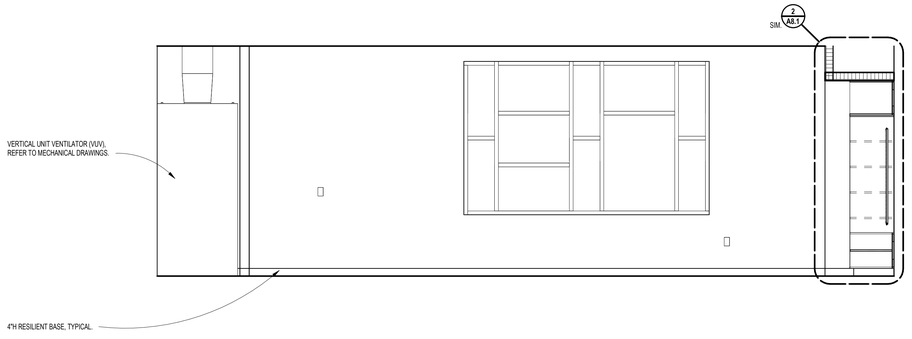
1	SURFACE-MOUNTED PAPER TOWEL DISPENSER, OWNER PROVIDED, CONTRACTOR INSTALLED.
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13	MOP HOOK WITH SHELF.

GENERAL NOTES

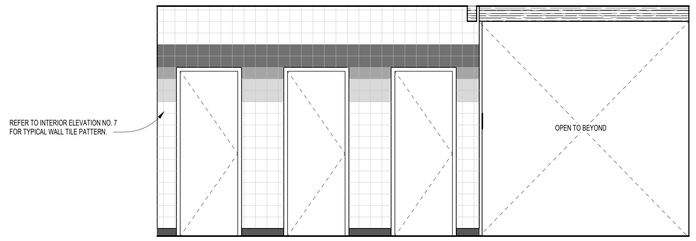
1. MOUNTING HEIGHTS AND POSITIONING SHALL BE AS INDICATED ON GENERAL INFORMATION SHEET (TG.1), U.O.N.

GLAZING TYPES

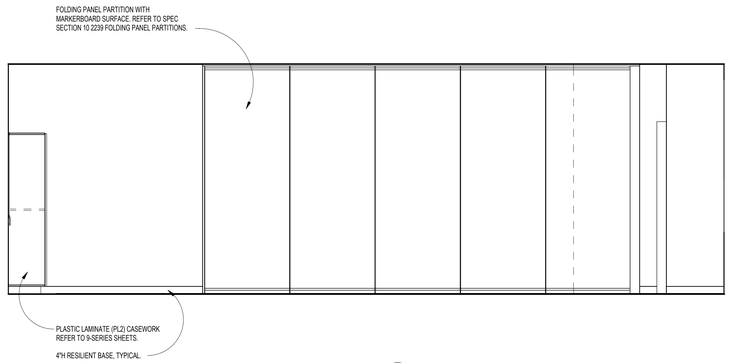
GL-1	1/4" (6mm) CLEAR HEAT-STRENGTHENED LAMINATED GLASS
GL-2	1" (25mm) TINTED HEAT-STRENGTHENED LAMINATED INSULATING GLASS (LOW-E)
FRGL-1	1/4" (6mm) FIRE PROTECTIVE GLAZING (20 MIN)
FRGL-2	3/4" (19mm) FIRE PROTECTIVE GLAZING (45 MIN)



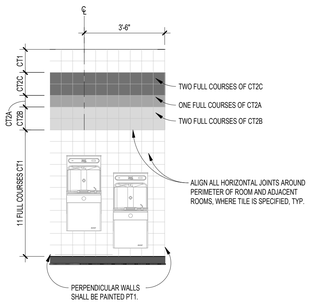
4 A1.1F — INTERIOR ELEVATION - TYPICAL CLASSROOM
SCALE: 3/8" = 1'-0"



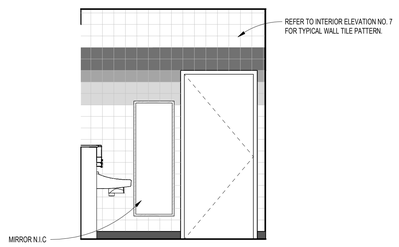
8 A1.1F — INTERIOR ELEVATION - F102 SINKS
SCALE: 3/8" = 1'-0"



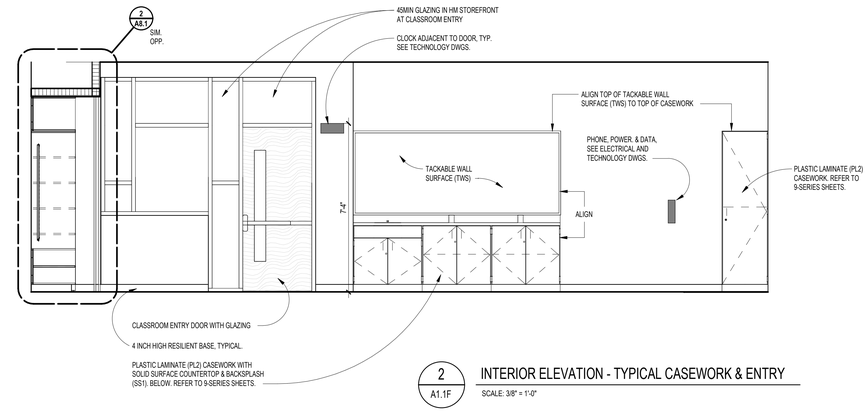
3 A1.1F — INTERIOR ELEVATION - TYPICAL FOLDING PARTITION
SCALE: 3/8" = 1'-0"



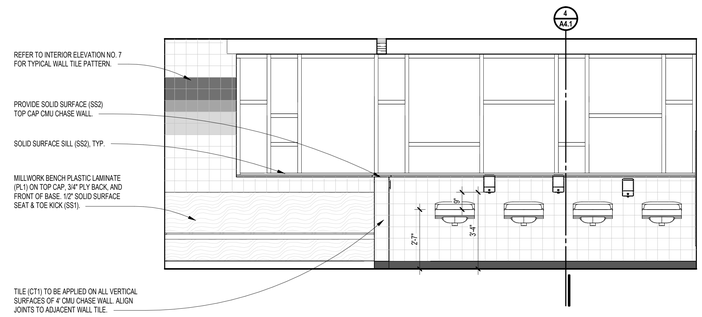
7 A1.1F — INTERIOR ELEVATION - WATER FOUNTAIN
SCALE: 3/8" = 1'-0"



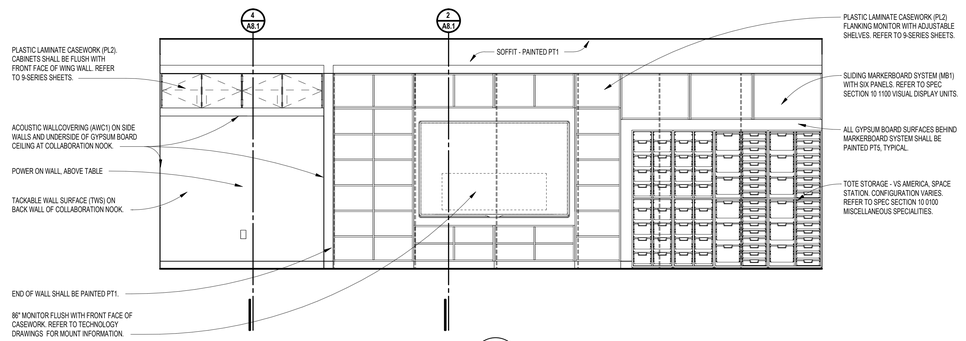
6 A1.1F — INTERIOR ELEVATION - F102 SINKS
SCALE: 3/8" = 1'-0"



2 A1.1F — INTERIOR ELEVATION - TYPICAL CASEWORK & ENTRY
SCALE: 3/8" = 1'-0"



5 A1.1F — INTERIOR ELEVATION - F102 SINKS
SCALE: 3/8" = 1'-0"



1 A1.1F — INTERIOR ELEVATION - TYPICAL TEACHING WALL
SCALE: 3/8" = 1'-0"

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Interior Elevations

ISSUE DATES

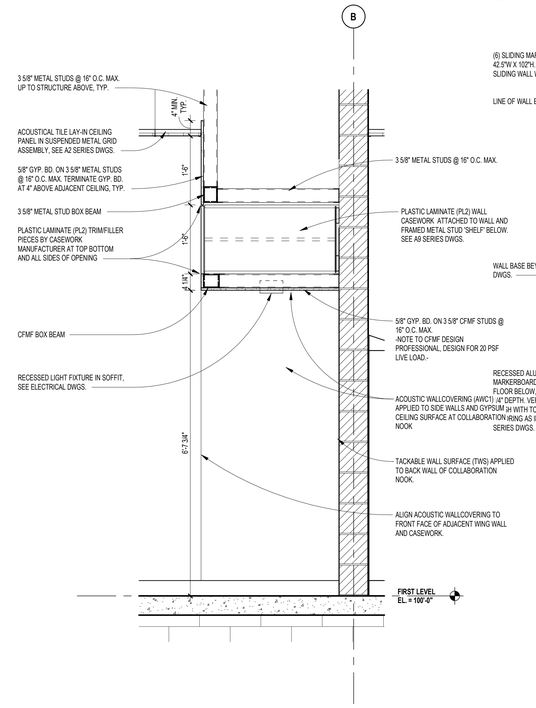
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01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT
10-24-2025	SCHEMATIC DESIGN

DATE:	ISSUED FOR:
DRAWN	SW, AH
CHECKED	ML
APPROVED	DL

PROJECT NO.
25023D

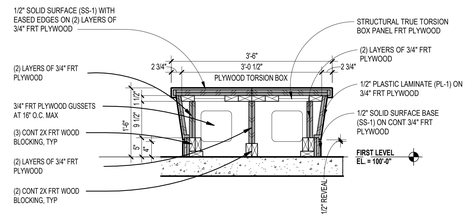
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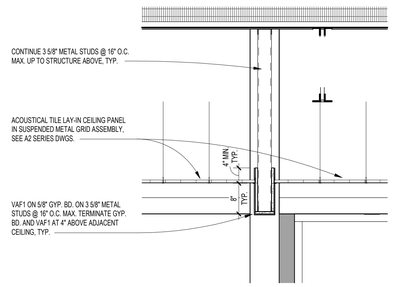


2 A1.1F TEACHING WALL SECTION
SCALE: 3/4" = 1'-0"

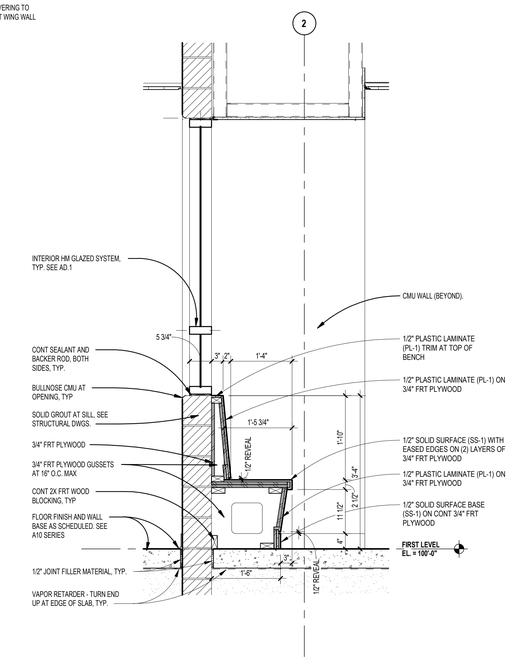
4 A1.1F COLLAB. NOOK SECTION
SCALE: 3/4" = 1'-0"



5 A1.1F MILLWORK FLAT DOUBLE BENCH SECTION
SCALE: 3/4" = 1'-0"



3 A2.1F BULKHEAD DETAIL
SCALE: 3/4" = 1'-0"



1 A1.1F MILLWORK BENCH SECTION
SCALE: 3/4" = 1'-0"

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CONSULTANT

PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Millwork Details

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
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DRAWN	AH, JM
CHECKED	ML
APPROVED	DL

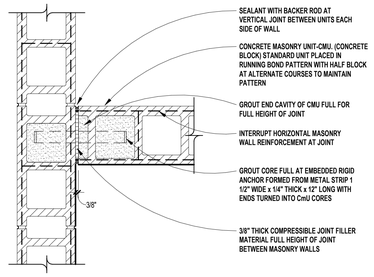
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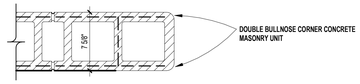
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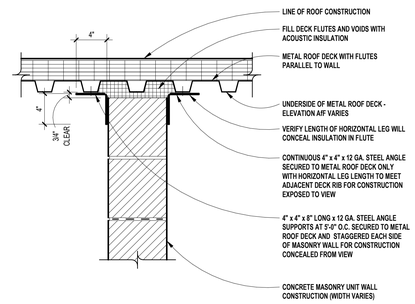
15 MASONRY CONTROL JOINT

SCALE: 1 1/2" = 1'-0"



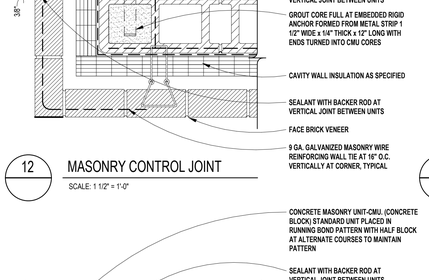
10 C.M.U. BULLNOSE CORNER

SCALE: 1 1/2" = 1'-0"



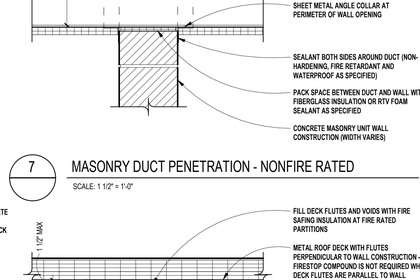
5 MASONRY WALL TERMINATION (NON-RATED WALL)

SCALE: 1 1/2" = 1'-0"



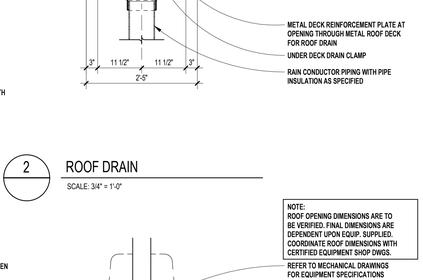
14 MASONRY CONTROL JOINT

SCALE: 1 1/2" = 1'-0"



9 C.M.U. BULLNOSE CORNER

SCALE: 1 1/2" = 1'-0"



4 MASONRY WALL TERMINATION (NON-RATED WALL)

SCALE: 1 1/2" = 1'-0"

13 MASONRY CONTROL JOINT

SCALE: 1 1/2" = 1'-0"

8 MASONRY PIPE PENETRATION

SCALE: 1 1/2" = 1'-0"

3 PIPE AND CONDUIT FLASHING

SCALE: 3/4" = 1'-0"

12 MASONRY CONTROL JOINT

SCALE: 1 1/2" = 1'-0"

7 MASONRY DUCT PENETRATION - NONFIRE RATED

SCALE: 1 1/2" = 1'-0"

2 ROOF DRAIN

SCALE: 3/4" = 1'-0"

11 MASONRY CONTROL JOINT

SCALE: 1 1/2" = 1'-0"

6 1 HOUR FIRE RATED CLOSURE

SCALE: 1 1/2" = 1'-0"

UL SYSTEM NO. HW-D-0009 ASSEMBLY RATING - 1 HOUR

1 ROOF EXHAUST FAN

SCALE: 3/4" = 1'-0"

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Masonry Wall & Roof Details

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
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DRAWING NO.

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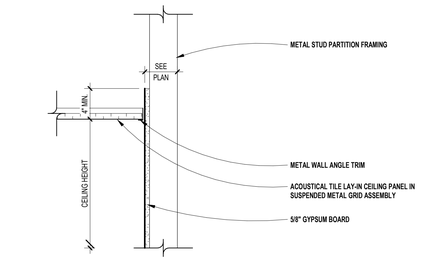
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

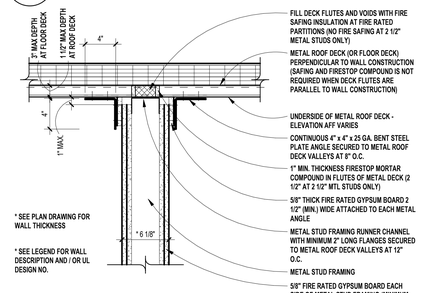
DRAWING TITLE

Wall & Ceiling Details



2 CEILING WALL ANGLE TRIM

SCALE: 1 1/2" = 1'-0"



1 2 HOUR FIRE RATED CLOSURE

SCALE: 1 1/2" = 1'-0"

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APPROVED	DL

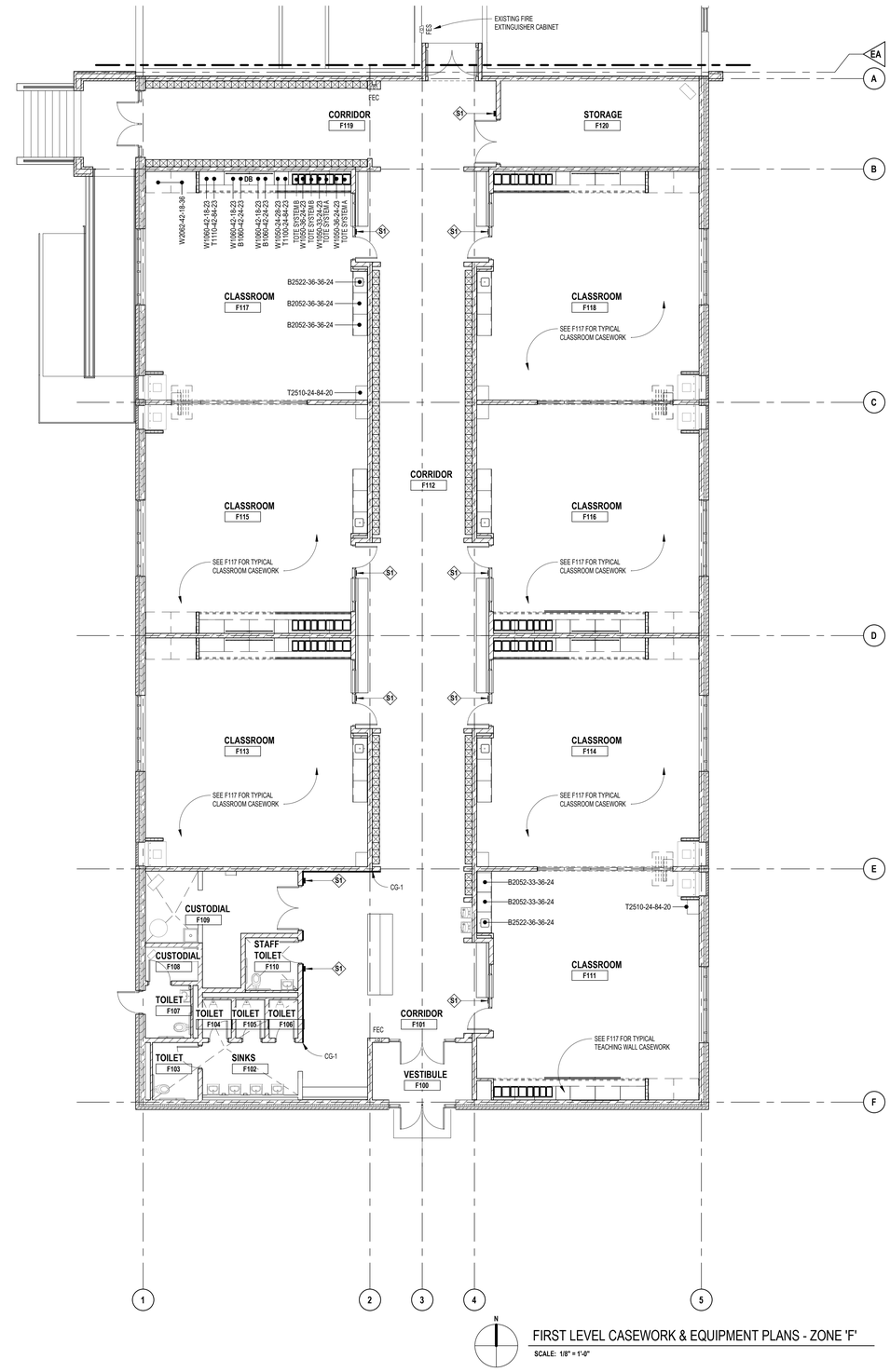
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25023D

DRAWING NO.

A8.3

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FIRST LEVEL CASEWORK & EQUIPMENT PLANS - ZONE 'F'

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

LEGEND

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
   DB = DISPLAY BOARD (BY OTHERS)
2. MOUNTING HEIGHTS (UON):
   MB/TB = 3'-0" AFF TO BOTTOM
   TS = 6'-0" AFF TO CENTER
3. MAP RAILS SHALL BE CONTINUOUS OVER MARKERBOARDS.
4. ALL MARKERBOARDS SHALL BE PROVIDED WITH TRAYS & MAP RAILS.

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 PLASTIC LAMINATE 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.

LOCKER LEGEND

TYPE L-1

SINGLE-TIER STANDARD LOCKERS (12" X 12" X 66" HIGH) VENTILATED, ON METAL 'Z' BASE

SINGLE-TIER ADA ACCESSIBLE LOCKERS (12" X 12" X 60" HIGH) VENTILATED, ON METAL 'Z' BASE

LOCKER NOTES:

1. PROVIDE CONTINUOUS SLOPED TOPS AT ALL LOCKERS (UON)
2. PROVIDE FILLER PIECES AT ENDS & CORNERS AS REQUIRED
3. SIZES INDICATED ABOVE REFER TO WIDTH x DEPTH x HEIGHT
4. AT EXISTING LOCATIONS RECEIVING NEW LOCKERS, PATCH, FILL AND/OR PAINT ADJACENT SURFACES TO MATCH ADJACENT AS REQUIRED.

INTERIOR SIGNAGE

S1 — THIS IS AN INTERIOR SIGNAGE IDENTIFICATION, REFER TO SPECIFICATIONS FOR INTERIOR SIGNAGE TYPE AND SCHEDULED INFORMATION

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Casework & Equipment Plan - Zone 'F'

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
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A9.1F

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FIRST LEVEL FINISH PLAN - ZONE 'E'

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

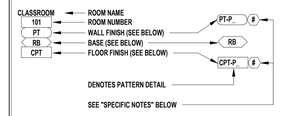
FINISH LEGEND

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

AWC	ACOUSTICAL WALL COVERING
CT	CERAMIC TILE
DEC	DRY ERASE COATING
EP	EPOXY PAINT
EX	EXISTING (NO NEW FINISH)
PT	PAINT
TWS	TACKABLE WALL SURFACE
VAF	VINYL ARCHITECTURAL FILM

BASE FINISH ABBREVIATIONS

CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
NB	NO BASE, WALL FINISH EXTENDS TO FLOOR
RB	RESILIENT BASE

FLOOR FINISH ABBREVIATIONS

CONCS	CONCRETE - WITH APPLIED SURFACE SEALER
CPT	CARPET TILE
CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
RFT	RESILIENT FLOOR TILE

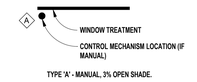
GENERAL NOTES

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.
14. ALL RFT1 CIRCLE AND CURVES SHALL BE WATER JET CUT. FIELD TILE ADJACENT TO CIRCLES OR CURVES MAY BE FIELD CUT, USING A TEMPLATE. REFER TO SPEC SECTION 09 6500 RESILIENT FLOORING.

SPECIFIC NOTES

1. PT5 TO BE APPLIED AT ALL GYPSUM BOARD SURFACES BEHIND SLIDING MARKERBOARD SYSTEM (MB1).
2. REFER TO INTERIOR ELEVATIONS FOR TYPICAL TILE PATTERN. TILE PATTERN APPLIES TO ALL WALLS, WHERE TILE IS SPECIFIED.
3. PROVIDE SEAMLESS TRANSITION BETWEEN CARPET (CPT2) AND RESILIENT TILE (RFT1A). CONTRACTOR SHALL BUILD UP SUBFLOOR USING ARDEX FEATHER FINISH TO ALIGN HEIGHTS OF CARPET (CPT2) AND RESILIENT (RFT1A).
4. REFER TO INTERIOR ELEVATION 1, SHEET A7.1 FOR ADDITIONAL INFORMATION.
5. CPT2 CARPET INSTALLED THROUGHOUT CLASSROOM IN AN ASHLAR PATTERN. CPT3 SHALL BE APPLIED AT COLLABORATION COVE ONLY. ALIGN CARPET TRANSITION WITH FACE OF WING WALL.
6. PER ALTERNATE NO. 1, PROVIDE ROLLER SHADES AT INTERIOR CLASSROOM WINDOWS. BASE BID - NO ROLLER SHADES AT INTERIOR CLASSROOM WINDOWS.
7. INSIDE FACE OF SIDE WALLS AND BOTTOM FACE OF GYPSUM BOARD CEILING SHALL BE PAINTED PT2.

WINDOW TREATMENT LEGEND



TYPE 'A' - MANUAL, 3% OPEN SHADE.

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TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
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REGISTRATION SEAL

CONSULTANT

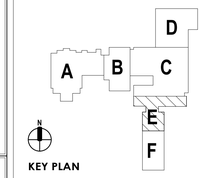
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Finish Plan - Zone 'E'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS

DRAWN	SW, AR
CHECKED	ML
APPROVED	DL

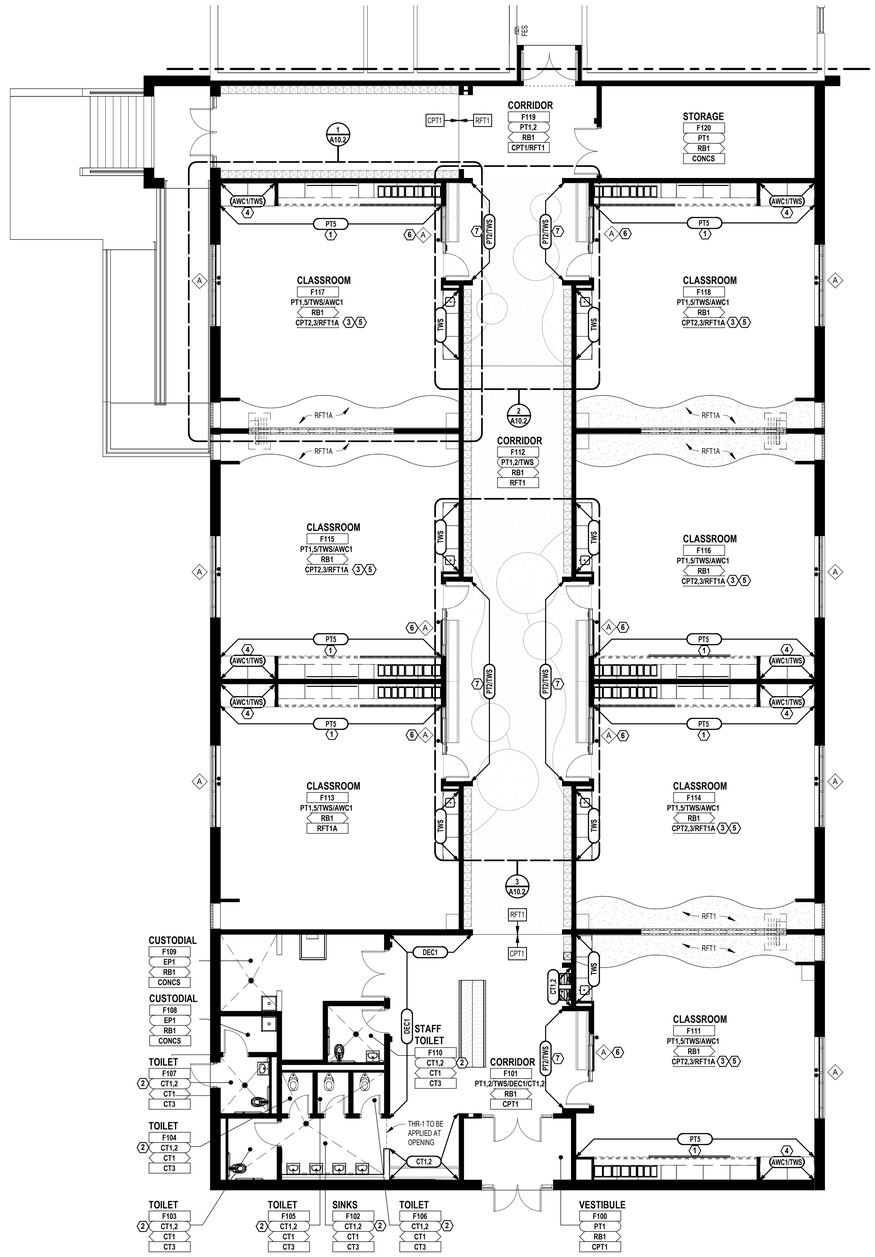
PROJECT NO.

25023D

DRAWING NO.

A10.1E

Autodesk Docs://25023D_Wylie ES Classroom Addition/25023D-ARCH-25.rvt
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FIRST LEVEL FINISH PLAN - ZONE 'F'

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

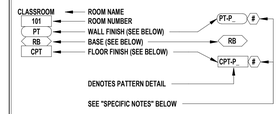
FINISH LEGEND

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

AWC	ACOUSTICAL WALL COVERING
CT	CERAMIC TILE
DEC	DRY ERASE COATING
EP	EPOXY PAINT
EX	EXISTING (NO NEW FINISH)
PT	PAINT
TWS	TACKABLE WALL SURFACE
VAF	VINYL ARCHITECTURAL FILM

BASE FINISH ABBREVIATIONS

CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
NB	NO BASE, WALL FINISH EXTENDS TO FLOOR
RB	RESILIENT BASE

FLOOR FINISH ABBREVIATIONS

CONCS	CONCRETE - WITH APPLIED SURFACE SEALER
CPT	CARPET TILE
CT	CERAMIC TILE
EX	EXISTING (NO NEW FINISH)
RFT	RESILIENT FLOOR TILE

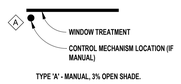
GENERAL NOTES

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.
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14. ALL RFT1 CIRCLE AND CURVES SHALL BE WATER JET CUT. FIELD TILE ADJACENT TO CIRCLES OR CURVES MAY BE FIELD CUT, USING A TEMPLATE. REFER TO SPEC SECTION 09 6500 RESILIENT FLOORING.

SPECIFIC NOTES

1. PT5 TO BE APPLIED AT ALL GYPSUM BOARD SURFACES BEHIND SLIDING MARKERBOARD SYSTEM (MB1).
2. REFER TO INTERIOR ELEVATIONS FOR TYPICAL TILE PATTERN. TILE PATTERN APPLIES TO ALL WALLS, WHERE TILE IS SPECIFIED.
3. PROVIDE SEAMLESS TRANSITION BETWEEN CARPET (CPT2) AND RESILIENT TILE (RFT1A). CONTRACTOR SHALL BUILD UP SUBFLOOR USING ARDEX FEATHER FINISH TO ALIGN HEIGHTS OF CARPET (CPT2) AND RESILIENT (RFT1A).
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6. PER ALTERNATE NO. 1, PROVIDE ROLLER SHADES AT INTERIOR CLASSROOM WINDOWS. BASE BID - NO ROLLER SHADES AT INTERIOR CLASSROOM WINDOWS.
7. INSIDE FACE OF SIDE WALLS AND BOTTOM FACE OF GYPSUM BOARD CEILING SHALL BE PAINTED PT2.

WINDOW TREATMENT LEGEND



TYPE 'A' - MANUAL, 3% OPEN SHADE.

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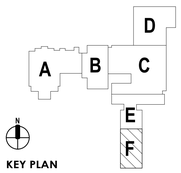
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

First Level Finish Plan - Zone 'F'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-08-2025	DESIGN DEVELOPMENT

DRAWN	SW, AR
CHECKED	ML
APPROVED	DL

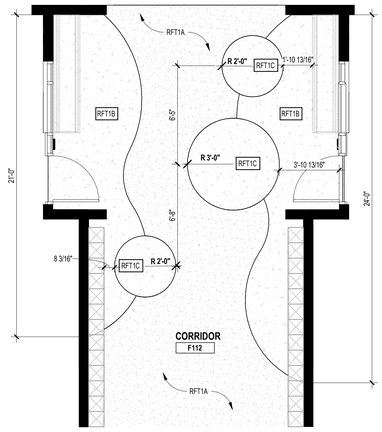
PROJECT NO.

25023D

DRAWING NO.

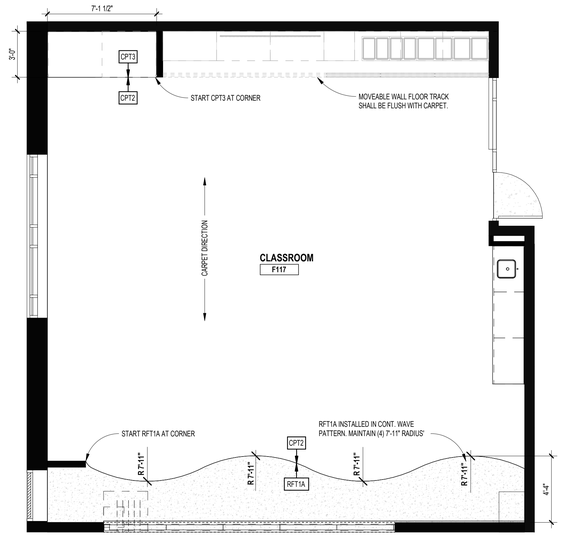
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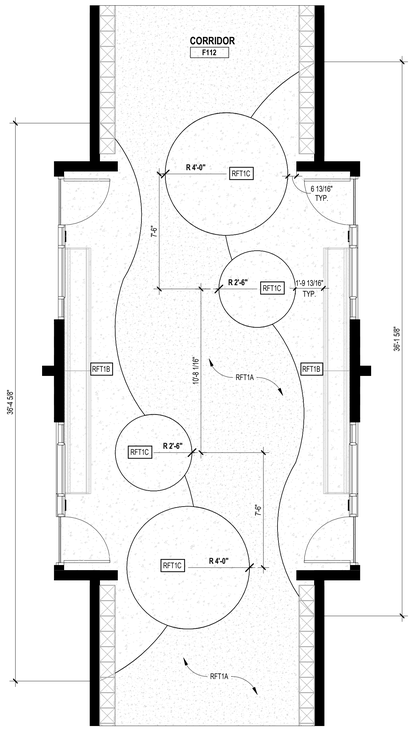
2 A10.1F ENLARGED FINISH PLAN - CORRIDOR A.1 FLOOR PATTERN

SCALE: 1/4" = 1'-0"



1 A10.1F ENLARGED FINISH PLAN - TYPICAL CLASSROOM

SCALE: 1/4" = 1'-0"



3 A10.1F ENLARGED FINISH PLAN - CORRIDOR A.2 FLOOR PATTERN

SCALE: 1/4" = 1'-0"

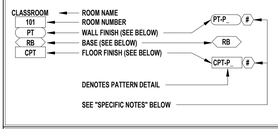
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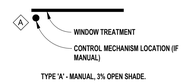
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TYPE 'A' - MANUAL, 3% OPEN SHADE.

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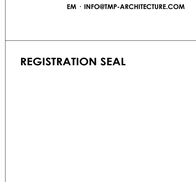
PROJECT TITLE

Wylie Elementary Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

Enlarged Finish Plans



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS

DRAWN	SW, AR
CHECKED	ML
APPROVED	DL

PROJECT NO.

25023D

DRAWING NO.

A10.2

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MECHANICAL ABBREVIATION LIST

ABBREVIATION	DESCRIPTION
A	COMPRESSED AIR
A(__#)	COMPRESSED AIR (SPECIFIC PSIG)
AAV	AUTOMATIC AIR VENT
ACC	AIR COOLED CONDENSER
ACCU	AIR COOLED CONDENSER UNIT
AD	ACCESS DOOR
AD	AREA DRAIN
AE	AIR EXTRACTOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
AMP	AMPERE
APD	AIR PRESSURE DROP
AR	ARGON
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR-CONDITIONING ENGINEERS
ASR	AUTOMATIC SPRINKLER RISER
ATD	AIR TRANSFER DUCT
AUX	AUXILIARY
AV	ACID VENT
AVTR	ACID VENT THROUGH ROOF
AW	ACID WASTE
BAS	BUILDING AUTOMATION SYSTEM
BCU	BLOWER COIL UNIT
BDD	BACK DRAFT DAMPER
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BHP	BRAKE HORSEPOWER
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
BVC	BEVERAGE CONDUIT
BWV	BACKWATER VALVE
C	COMMON
CAP	CAPACITY
CAV	CONSTANT AIR VOLUME
CB	CATCH BASIN
CC	COOLING COIL
CD	COLD DECK
CD	CONDENSATE DRAIN
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CHW	CHILLED WATER
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CLG	COOLING
CNDS	CONDENSATE
CNDS (__#)	CONDENSATE (SPECIFIC PSIG)
CO	CLEAN OUT
CO2	CARBON DIOXIDE
CONT	CONTINUATION OR CONTINUED
CONTR	CONTRACTOR
CONV	CONVECTOR
COP	COEFFICIENT OF PERFORMANCE
CP	CIRCULATING PUMP
CRU	CONDENSATE RETURN UNIT
CSS	CLINICAL SERVICE SINK
CT	COOLING TOWER
CUH	CABINET UNIT HEATER
CW	DOMESTIC COLD WATER
CWF	DOMESTIC COLD WATER - FILTERED
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
D&T	DRIP AND TRAP
DA	DISCHARGE AIR
DAT	DISCHARGE AIR TEMPERATURE
DB	DRY BULB
DDC	DIRECT DIGITAL CONTROL
DEG	DEGREE
DFU	DRAINAGE FIXTURE UNITS
DIA	DIAMETER
DIR	DEIONIZED RETURN
DIS	DEIONIZED SUPPLY
DMPR	DAMPER
DN	DAY/NIGHT
DN	DOWN
DNZ	DOWNSPOUT NOZZLE
DS	DUCT SILENCER
DT	DRAIN TILE
DTC	DRAIN TILE CONNECTION
DWH	DOMESTIC WATER HEATER
DWG	DRAWING
(E)	EXISTING
E	EXHAUST GRILLE OR REGISTER
EA	EACH
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	EXPANSION COMPENSATOR
ECM	ELECTRONICALLY COMMUTATED MOTOR
ECUH	ELECTRIC CABINET UNIT HEATER
EDB	ENTERING DRY BULB
EER	ENERGY EFFICIENCY RATIO
EES	EMERGENCY EYE WASH / SHOWER
EEW	EMERGENCY EYE WASH
EF	EXHAUST FAN
EFF	EFFICIENCY
EHC	ELECTRIC HEATING COIL
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
EMS	ENERGY MANAGEMENT SYSTEM
ERL	ENERGY RECOVERY LOOP
ERLR	ENERGY RECOVERY LOOP RETURN
ERLS	ENERGY RECOVERY LOOP SUPPLY
ERU	ENERGY RECOVERY UNIT
ESH	EMERGENCY SHOWER
ESP	EXTERNAL STATIC PRESSURE
EUH	ELECTRIC UNIT HEATER
EWB	ENTERING WET BULB
EWC	ELECTRIC WATER COOLER
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
F	FIRE PROTECTION
°F	DEGREES FAHRENHEIT
F&B	FACE AND BYPASS
F&T	FLOAT AND THERMOSTATIC
FA	FACE AREA
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FFD	FUNNEL FLOOR DRAIN
FGR	FUEL GAS RETURN
FGS	FUEL GAS SUPPLY
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHR	FIRE HOSE RACK
FHV	FIRE HOSE VALVE
FLA	FULL LOAD AMPS
FLR	FLOOR
FM	FLOW METER
FMS	FLOW MEASURING STATION
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FPM	FEET PER MINUTE
FP	FIRE PUMP
FPTU	FAN POWERED (AIR) TERMINAL UNIT
FS	FLOOR SINK
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR
FT	FEET
FTR	FINNED TUBE RADIATION
FV	FACE VELOCITY
G	NATURAL GAS
GA	GAUGE
GAL	GALLON
GRH	GRAVITY RELIEF HOOD
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GSAN	GREASE SANITARY WASTE
H	HYDROGEN
HB	HOSE BIBB
HC	HEATING COIL
HD	HOT DECK
HEPA	HIGH EFFICIENCY PARTICULATE ARRESTANCE
HL	HIGH LIMIT
HOA	HAND/OFF/AUTO
HP	HEAT PUMP
HP	HORSEPOWER
HPCW	HIGH PRESSURE DOMESTIC COLD WATER
HPHW	HIGH PRESSURE DOMESTIC HOT WATER
HPHWR	HIGH PRESSURE DOMESTIC HOT WATER RETURN
HPL	HEAT PUMP LOOP
HPLR	HEAT PUMP LOOP RETURN
HPLS	HEAT PUMP LOOP SUPPLY
HR	HOUR
HTG	HEATING
HV	HEATING VENTILATING
HVAC	HEATING, VENTILATING, AIR CONDITIONING
HWH	HOT WATER HEATING
HWHR	HOT WATER HEATING RETURN
HWHS	HOT WATER HEATING SUPPLY
HW	DOMESTIC HOT WATER
HW(__)	DOMESTIC HOT WATER (SPECIFIC TEMP °F)
HWR	DOMESTIC HOT WATER RETURN
HWR(__)	DOMESTIC HOT WATER (SPECIFIC TEMP °F)
HX	HEAT EXCHANGER
HZ	HERTZ
IAQ	INDOOR AIR QUALITY
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IH	INTAKE HOOD
IN	INCHES
IR	INFRARED HEATER
IW	INDIRECT WASTE
JC	JANITOR'S CLOSET
JP	JOCKEY PUMP
KA	THOUSAND AMP
KW	KILOWATT
KWH	KILOWATT-HOUR
LAT	LEAVING AIR TEMPERATURE
LAB	LABORATORY
LAV	LAVATORY
LBS	POUNDS
LDB	LEAVING DRY BULB
LL	LOW LIMIT
LPC	LOW PRESSURE CONDENSATE
LPS	LOW PRESSURE STEAM
LRA	LOCKED ROTOR AMPS
LWB	LEAVING WET BULB
LWT	LEAVING WATER TEMPERATURE
MA	MIXED AIR
MAT	MIXED AIR TEMPERATURE
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
MCA	MEDICAL COMPRESSED AIR
MCA	MINIMUM CIRCUIT AMPACITY
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIL	1/1000th INCH
MIN	MINIMUM
MISC	MISCELLANEOUS
MMBH	MILLION BRITISH THERMAL UNITS PER HOUR
MOP	MAXIMUM OVERCURRENT PROTECTION
MS	MOTOR STARTER
MTD	MOUNTED
MTR	MOTOR
MV	MANUAL AIR VENT
MVAC	MEDICAL VACUUM
N	NITROGEN
N2O	NITROUS OXIDE
NC	NOISE CRITERIA
NC	NORMALLY CLOSED
NCTC	NORMALLY CLOSED TIMED CLOSED
NCTO	NORMALLY CLOSED TIMED OPEN
NFPA	NATIONAL FIRE PROTECTION AGENCY
NOTC	NORMALLY OPEN TIMED CLOSED
NOTO	NORMALLY OPEN TIMED OPEN
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NOM	NOMINAL
NPCW	NON POTABLE COLD WATER
NPHW	NON POTABLE HOTE WATER
O	OXYGEN
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OB	OUTLET BOX
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER/CENTER TO CENTER
OD	OUTSIDE DIAMETER
OED	OPEN ENDED DUCT
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OL	OVERLOAD
ORC	OVERFLOW RAIN CONDUCTOR
ORD	OVERFLOW ROOF DRAIN
OS&Y	OUTSIDE SCREW AND YOKE
OV	OUTLET VELOCITY
OWS	OPERATOR WORKSTATION
PACU	PACKAGED AIR CONDITIONING UNIT
PBD	PARALLEL BLADE DAMPER
PC	PUMPED CONDENSATE
PCW	PROCESS COOLING WATER
PCWR	PROCESS COOLING WATER RETURN
PCWS	PROCESS COOLING WATER SUPPLY
PD	PRESSURE DROP (FEET OF WATER)
PH	PERIMETER HEAT
PHR	PERIMETER HEAT RETURN
PHS	PERIMETER HEAT SUPPLY
PNL	PANEL
PPM	PARTS PER MILLION
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE
PSAN	PUMPED SANITARY
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
PSIG	POUNDS PER SQUARE INCH - GAUGE
PST	PUMPED STORM
(R)	RELOCATED
R	RETURN GRILLE OR REGISTER
RA	RETURN AIR
RAT	RETURN AIR TEMPERATURE
RC	RAIN CONDUCTOR
RCP	RADIANT CEILING PANEL
RD	ROOF DRAIN
REQD	REQUIRED
REF	ROOF EXHAUST FAN
RF	RETURN FAN
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID
RLFA	RELIEF AIR
ROR	REVERSE OSMOSIS RETURN
ROS	REVERSE OSMOSIS SUPPLY
RPM	REVOLUTIONS PER MINUTE
RPDA	REDUCED PRESSURE BACKFLOW DETECTION ASSY
RPZA	REDUCED PRESSURE BACKFLOW ZONE ASSY
RS	REFRIGERANT SUCTION
RTU	ROOFTOP UNIT
S	SUPPLY AIR DIFFUSER OR GRILLE
SA	SOUND ATTENUATOR
SA	SUPPLY AIR
SAN	SANITARY WASTE
SAT	SUPPLY AIR TEMPERATURE
SCCA	SHORT CIRCUIT CURRENT RATING
SECT	SECTION
SF	SUPPLY FAN
SH	SHOWER
SK	SINK
SMR	SNOW MELT RETURN
SMS	SNOW MELT SUPPLY
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SPKLR	SPRINKLER
SQFT	SQUARE FOOT/SQUARE FEET
S/S	START/STOP
SS	SERVICE SINK
ST	STORM
STD	STANDARD
STK	STACK
STM	STEAM
STM(__#)	STEAM (SPECIFIC PSIG)
S/W	SUMMER/WINTER
SW	SWITCH
T	TRANSFER GRILLE
TC	TEMPERATURE CONTROL
TC	TEMPERING COIL
TCP	TEMPERATURE CONTROL PANEL
TD	TRENCH DRAIN
TEMP	TEMPERATURE
TEMP	TEMPORARY
TH	TERMINAL HEATING
THA	TOTAL HEAT ABSORBED
THR	TERMINAL HEATING RETURN
THR	TOTAL HEAT REJECTED
THS	TERMINAL HEATING SUPPLY
TK	TANK
TMR	TIMER SWITCH
TPD	TEPID WATER
TSP	TOTAL STATIC PRESSURE
TU	(AIR) TERMINAL UNIT
TV	TURNING VANES
TW	TEMPERED WATER
TYP	TYPICAL
UH	UNIT HEATER
UL	UNDERWRITER'S LABORATORY
UON	UNLESS OTHERWISE NOTED
UR	URINAL
UV	UNIT VENTILATOR
V	VALVE
V	VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VB	VACUUM BREAKER
VD	VOLUME DAMPER (MANUALLY ADJUSTABLE)
VOL	VOLUME
VFC	VARIABLE FREQUENCY CONTROLLER
VTR	VENT THROUGH ROOF
VTU	VENTURI TERMINAL UNIT
VUV	VERTICAL UNIT VENTILATOR
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
	INCLINED DROP IN DIRECTION OF AIRFLOW
	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
	INCLINED DROP IN DIRECTION OF AIRFLOW
	INCLINED RISE IN DIRECTION OF AIRFLOW
	TRANSITION - CONCENTRIC
	TRANSITION -ECCENTRIC

MECHANICAL DRAWING INDEX

SHEET NO.	SHEET TITLE
M0.1	MECHANICAL STANDARDS AND DRAWING INDEX
M2.0E	UNDERGROUND PLUMBING PLAN - ZONE 'E'
M2.0F	UNDERGROUND PLUMBING PLAN - ZONE 'F'
M2.1E	FIRST LEVEL PLUMBING PLAN - ZONE 'E'
M2.1F	FIRST LEVEL PLUMBING PLAN - ZONE 'F'
M3.1E	FIRST LEVEL HVAC PIPING PLAN - ZONE 'E'
M3.1F	FIRST LEVEL HVAC PIPING PLAN - ZONE 'F'
M4.1F	FIRST LEVEL SHEET METAL PLAN - ZONE 'F'
M6.1	MECHANICAL DETAILS
M6.2	MECHANICAL DETAILS
M7.1	MECHANICAL SCHEDULES
M7.2	MECHANICAL SCHEDULES
M8.1	TEMPERATURE CONTROLS
M8.2	TEMPERATURE CONTROLS

STANDARD METHODS OF NOTATION

S-1
10ø
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 — 8
PIPE DIAMETER NOTATION
ALL SIZES IN INCHES

8ø
22x10
18x14ø
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
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.

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PBA Project No.: 2025.0323

PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL STANDARDS AND DRAWING INDEX

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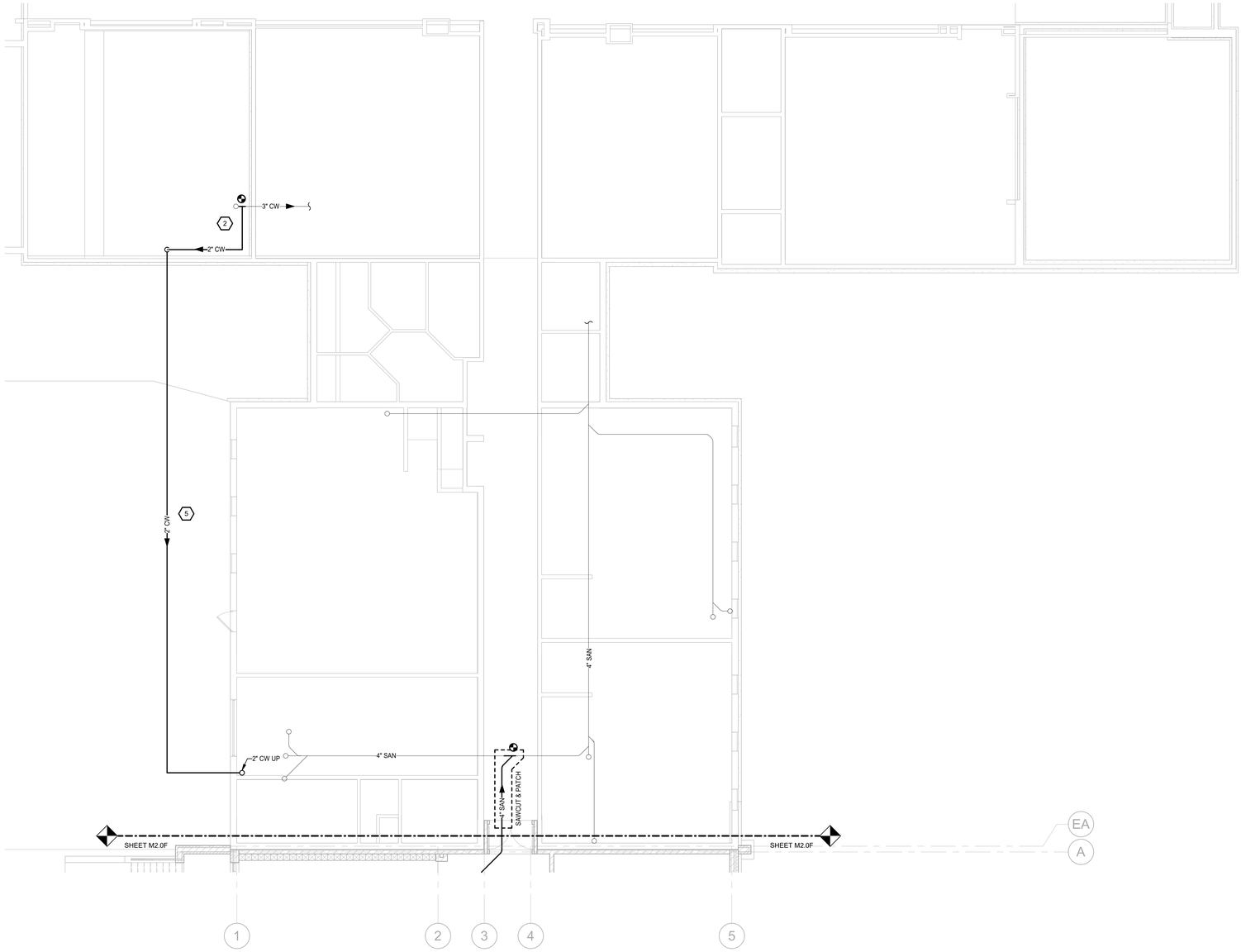
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THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST FLOOR UNDERGROUND PLUMBING 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".

11 WATER SERVICE ENTRANCE PIPING SHALL BE BURIED WITH DEPTH OF COVER OVER TOP OF PIPE OF AT LEAST 72", OR WITH TOP OF PIPE AT LEAST 12" BELOW LEVEL OF MAXIMUM FROST PENETRATION, OR AS REQUIRED BY AUTHORITIES HAVING JURISDICTION, WHICHEVER IS DEEPEST.

(#) CONSTRUCTION KEY NOTES:

1 REFER TO CIVIL FOR CONTINUATION.

2 CONNECT TO 3" CW MAIN SUPPLY LINE WITHIN BOILER ROOM.

3 ROUTE CW, HW, AND HWR PIPING DOWN WITHIN CHASE TO SERVE LAV

4 ROUTE PIPING TIGHT TO UNDERDECK THRU STRUCTURAL JOISTS. COORDINATE WITH DUCT HEIGHTS TO MAINTAIN CEILING HEIGHT.

5 ROUTE CW SUPPLY LINE MINIMUM 5'-0" BELOW GRADE.

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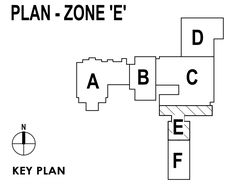
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Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

UNDERGROUND PLUMBING PLAN - ZONE 'E'



KEY PLAN

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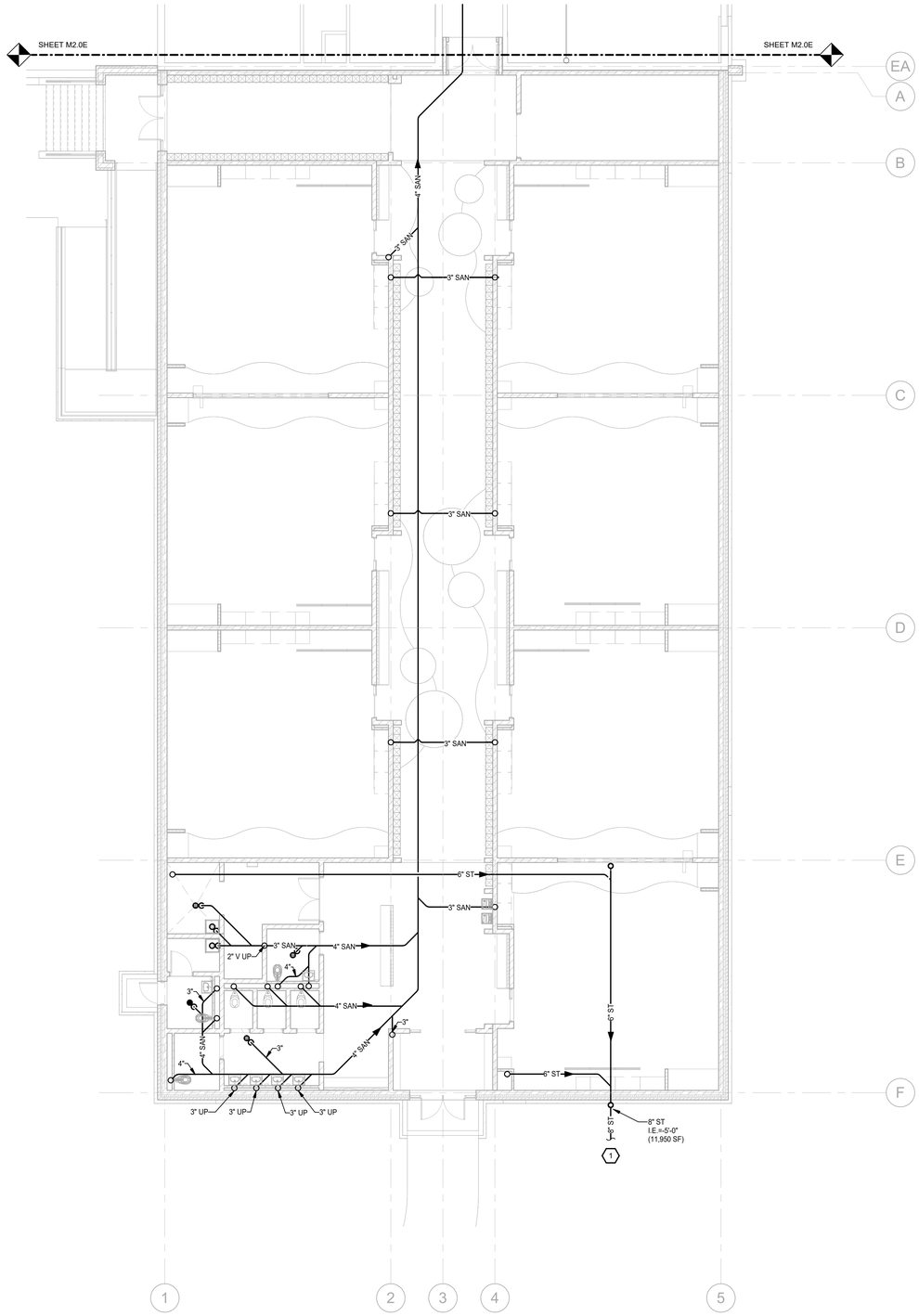
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FIRST FLOOR UNDERGROUND PLUMBING PLAN - ZONE 'F'

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

PLUMBING GENERAL NOTES:

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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.
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9. PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
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(#) CONSTRUCTION KEY NOTES:

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2. CONNECT TO 3" CW MAIN SUPPLY LINE WITHIN BOILER ROOM.
3. ROUTE CW, HW, AND HWR PIPING DOWN WITHIN CHASE TO SERVE LAV
4. ROUTE PIPING TIGHT TO UNDERDECK THRU STRUCTURAL JOISTS. COORDINATE WITH DUCT HEIGHTS TO MAINTAIN CEILING HEIGHT.
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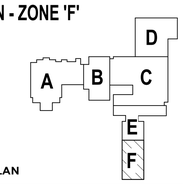
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Dexter, MI

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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".
11. WATER SERVICE ENTRANCE PIPING SHALL BE BURIED WITH DEPTH OF COVER OVER TOP OF PIPE OF AT LEAST 72", OR WITH TOP OF PIPE AT LEAST 12" BELOW LEVEL OF MAXIMUM FROST PENETRATION, OR AS REQUIRED BY AUTHORITIES HAVING JURISDICTION, WHICHEVER IS DEEPEST.

(#) CONSTRUCTION KEY NOTES:

1. REFER TO CIVIL FOR CONTINUATION.
2. CONNECT TO 3" CW MAIN SUPPLY LINE WITHIN BOILER ROOM.
3. ROUTE CW, HW, AND HWR PIPING DOWN WITHIN CHASE TO SERVE LAV
4. ROUTE PIPING TIGHT TO UNDERDECK THRU STRUCTURAL JOISTS. COORDINATE WITH DUCT HEIGHTS TO MAINTAIN CEILING HEIGHT.
5. ROUTE CW SUPPLY LINE MINIMUM 5'-0" BELOW GRADE.

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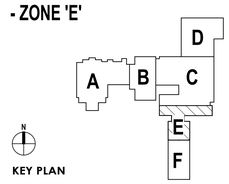
PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL PLUMBING PLAN - ZONE 'E'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
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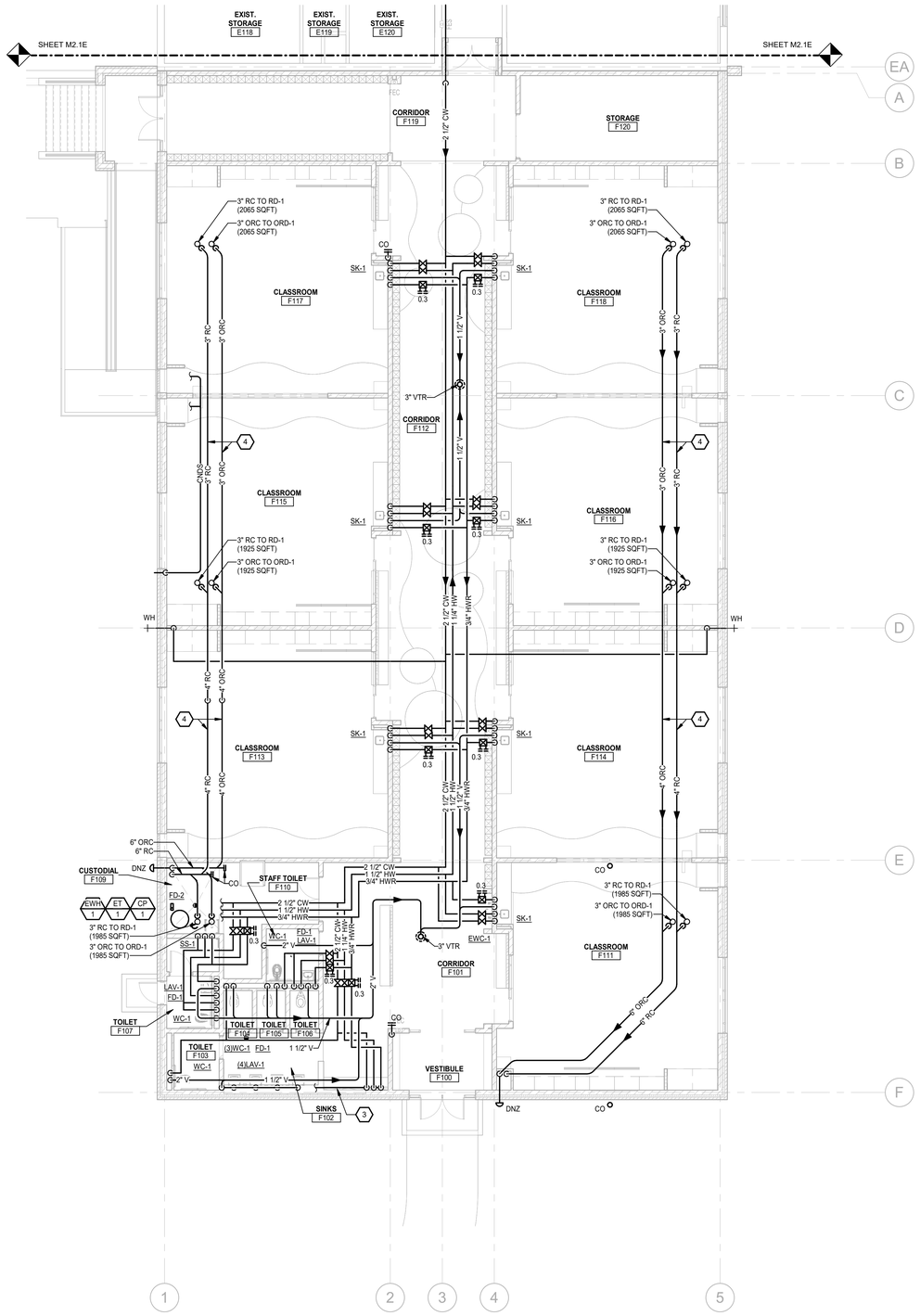
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25023D

DRAWING NO.
M2.1E

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THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST FLOOR 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.
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(#) CONSTRUCTION KEY NOTES:

1. REFER TO CIVIL FOR CONTINUATION.
2. CONNECT TO 3" CW MAIN SUPPLY LINE WITHIN BOILER ROOM.
3. ROUTE CW, HW, AND HWR PIPING DOWN WITHIN CHASE TO SERVE LAV
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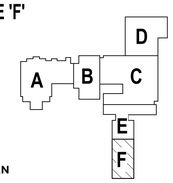
Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL PLUMBING PLAN - ZONE 'F'

KEY PLAN



ISSUE DATES

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DRAWN	KRD
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APPROVED	SVM

PROJECT NO.

25023D

DRAWING NO.

M2.1F

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FIRST FLOOR HVAC PIPING PLAN - ZONE 'E'

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.
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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. CONNECT TO EXISTING HWHS/R PIPING IN EXISTING BOILER ROOM.
2. ROUTE UNDERGROUND EXTERIOR HWHS/R PIPING MINIMUM 5'-0" BELOW GRADE. INSTALL PREINSULATED PIPE SYSTEM ACCORDINT TO SPEC SECTION 336113 UNDERGROUD HYDRONIC DISTRIBUTION PIPING.

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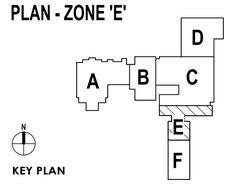
PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL HVAC PIPING PLAN - ZONE 'E'



KEY PLAN

ISSUE DATES

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12-04-2025	DESIGN DEVELOPMENT
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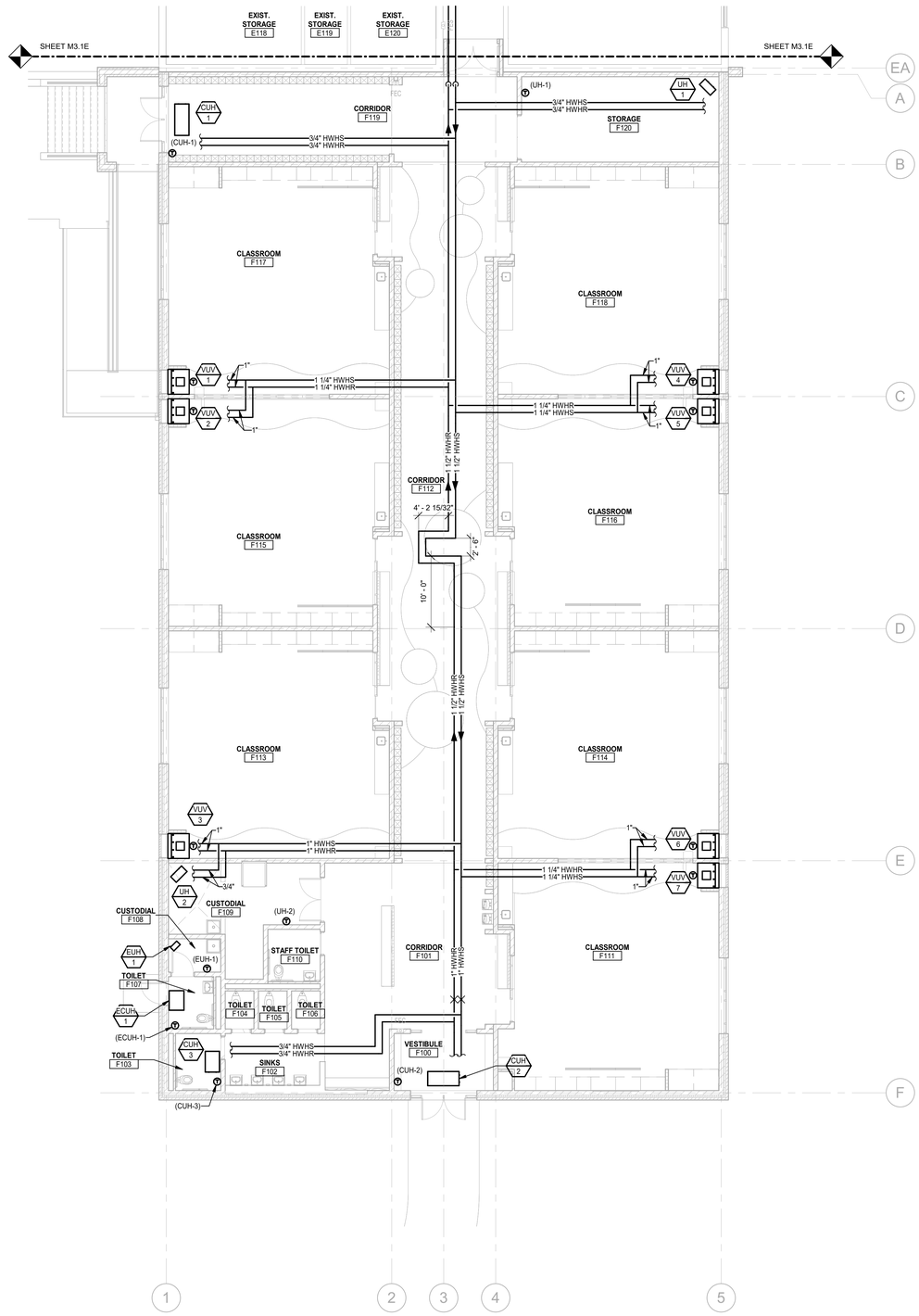
25023D

DRAWING NO.

M3.1E

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FIRST FLOOR HVAC PIPING PLAN - ZONE 'F'

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.
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10. STEAM AND CONDENSATE SYSTEMS ARE DESIGNED BASED ON THE ASSUMPTION OF A SUPERVISED WARM-UP PROCEDURE.

(#) CONSTRUCTION KEY NOTES:

1. CONNECT TO EXISTING HWHS/R PIPING IN EXISTING BOILER ROOM.
2. ROUTE UNDERGROUND EXTERIOR HWHS/R PIPING MINIMUM 5'-0" BELOW GRADE. INSTALL PREINSULATED PIPE SYSTEM ACCORDINT TO SPEC SECTION 336113 UNDERGROUD HYDRONIC DISTRIBUTION PIPING.

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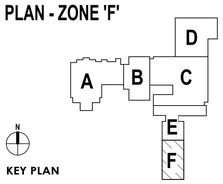
PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL HVAC PIPING PLAN - ZONE 'F'



KEY PLAN

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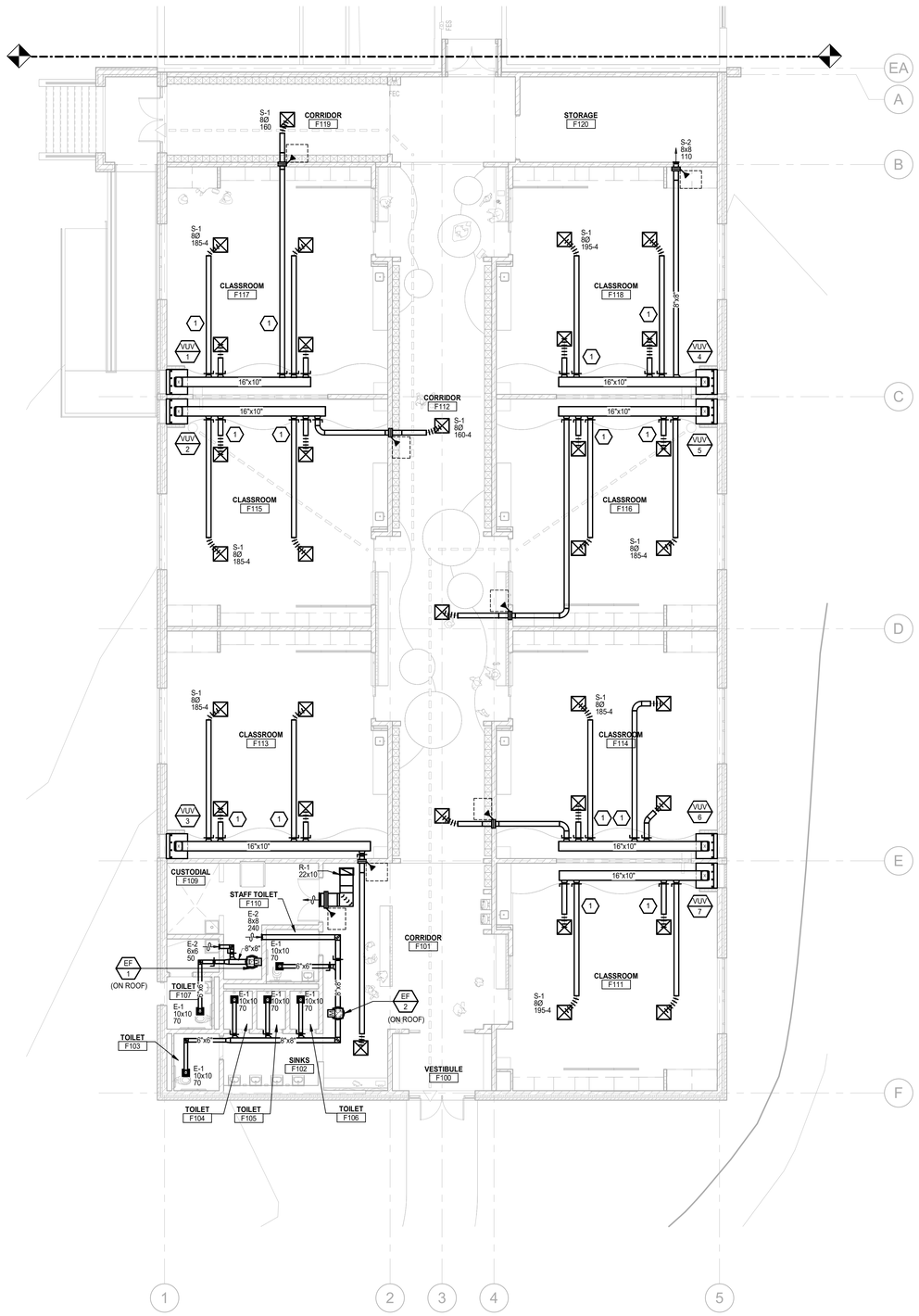
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DRAWING NO.

M3.1F

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FIRST FLOOR 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.

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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 ROUTE DUCT BRANCHES THRU STRUCTURAL JOISTS.

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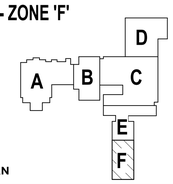
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FIRST LEVEL SHEET METAL PLAN - ZONE 'F'



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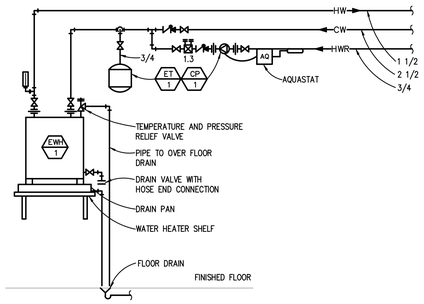
PROJECT NO.

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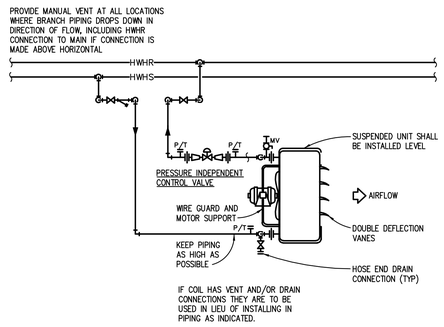
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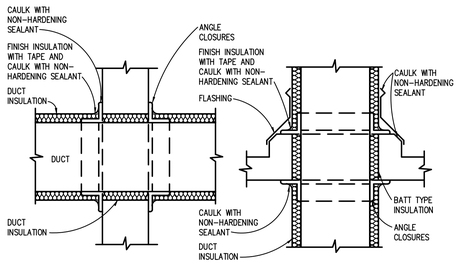
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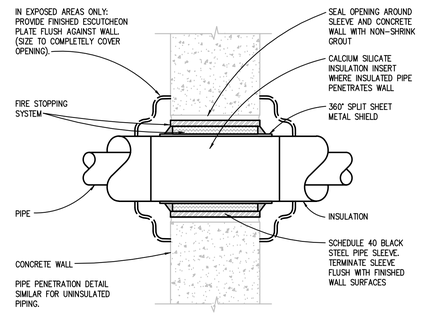
ELECTRIC WATER HEATER PIPING DIAGRAM
NO SCALE



HOT WATER UNIT HEATER WITH TWO-WAY CONTROL VALVE PIPING DIAGRAM
NO SCALE

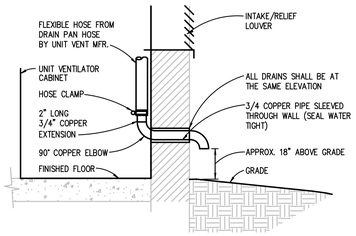


VERTICAL OR HORIZONTAL (NON FIRE RATED ASSEMBLY) DUCT PENETRATION DETAIL
NO SCALE

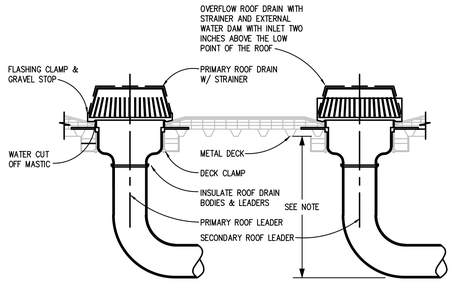


DETAIL INDICATES THE INSTALLATION REQUIREMENTS FOR A FIRE RATED ASSEMBLY. FOR A NON-FIRE RATED ASSEMBLY PACK SLEEVED OPENING WITH INSULATION MATERIAL AND CAULK WITH NON-HARDENING SEALANT.

FIRE RATED AND NON-FIRE RATED POURED CONCRETE OR BLOCK WALL PIPE PENETRATION DETAIL
NO SCALE

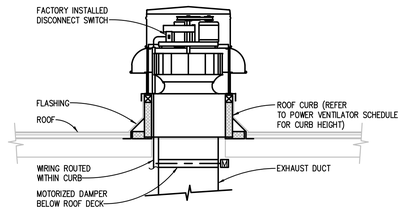


VERTICAL UNIT VENTILATOR CONDENSATE DRAIN DETAIL
NO SCALE

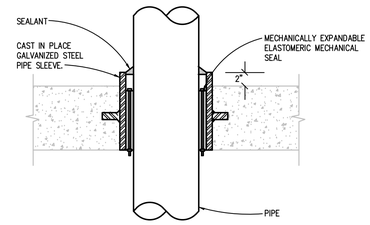


NOTE:
DIMENSION FOR 6" ROOF DRAIN FROM BOTTOM OF DECK TO BOTTOM OF PIPE SHALL BE MAXIMUM OF 20". DIMENSION FOR 8" ROOF DRAIN SHALL BE A MAXIMUM OF 22". DIMENSION FOR 10" ROOF DRAIN SHALL BE A MAXIMUM OF 26".

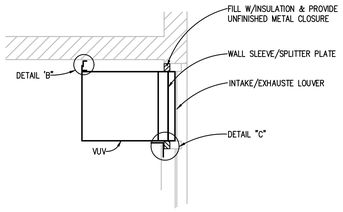
DOUBLE ROOF SUMP DETAIL
NO SCALE



ROOF MOUNTED POWER VENTILATOR EXHAUST FAN DETAIL
NO SCALE

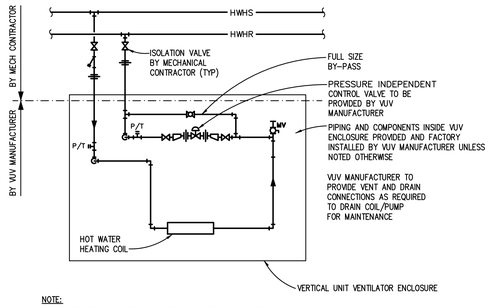


NEW SLAB ON GRADE FLOOR PIPE PENETRATION DETAIL
NO SCALE



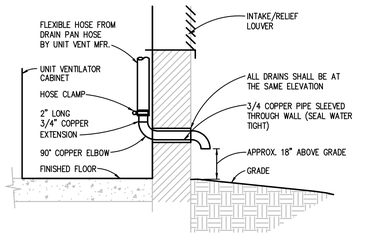
VUV ROOM CORNER ORIENTATION

VERTICAL UNIT VENTILATOR PLAN VIEW DETAILS
NO SCALE

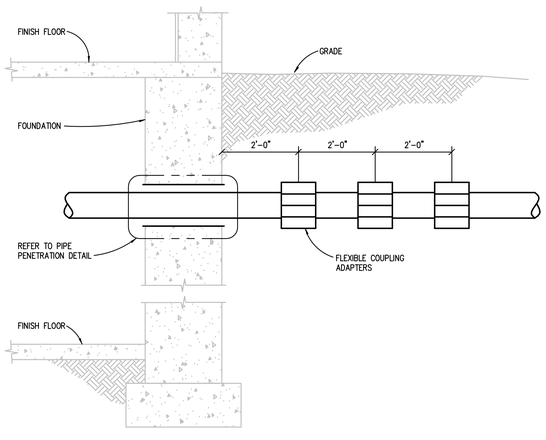


NOTE:
1. ALL ISOLATION AND DRAIN VALVES SHALL BE BALL VALVES.
2. ALL COMBINATION BALANCE AND CONTROL VALVES SHALL BE VENTURI TYPE (MANUFACTURER = PRESO, FLOW DESIGN OR NEXUS).

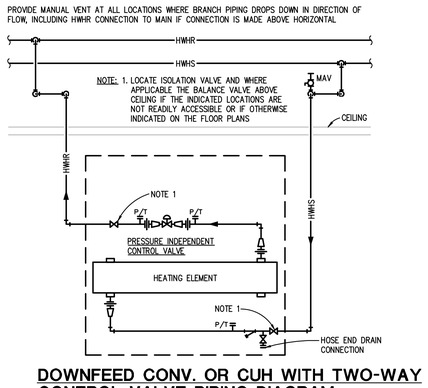
VUV HOT WATER HEATING COIL WITH TWO-WAY CONTROL VALVE PIPING DIAGRAM
NO SCALE
(TYP. VUV-A AND VUV-B)



VERTICAL UNIT VENTILATOR CONDENSATE DRAIN DETAIL
NO SCALE



PIPE PENETRATION THROUGH FOUNDATION DETAIL
NO SCALE



DOWNFEED CONV. OR CUH WITH TWO-WAY CONTROL VALVE PIPING DIAGRAM
NO SCALE

TMP ARCHITECTURE

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PBA Project No.: 2025.0323

PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL DETAILS

ISSUE DATES

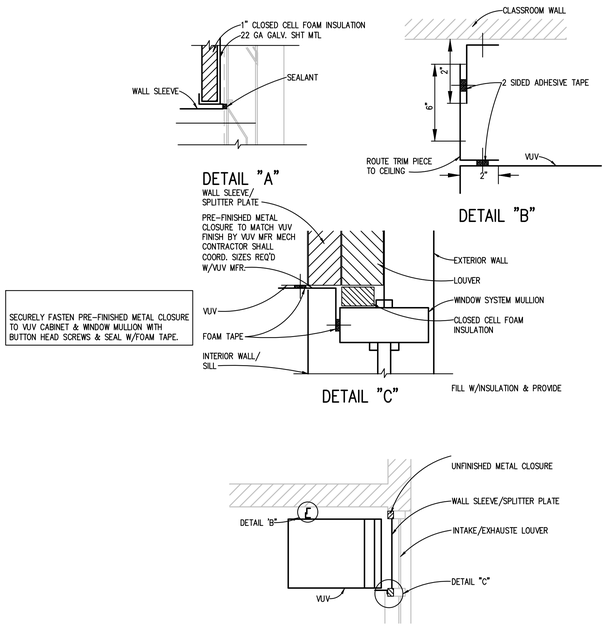
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.
25023D

DRAWING NO.
M6.1

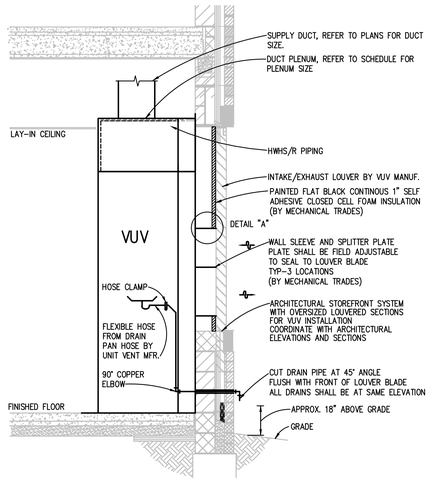
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VUV ROOM CORNER ORIENTATION

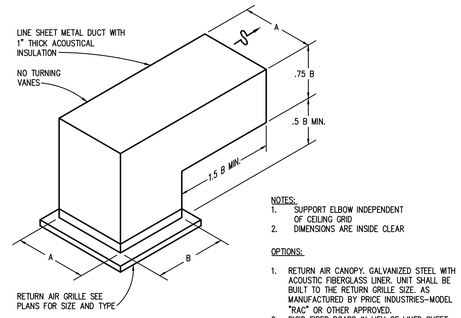
VERTICAL UNIT VENTILATOR PLAN VIEW DETAILS

NO SCALE

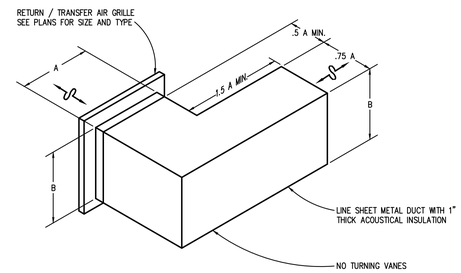


VERTICAL UNIT VENTILATOR SECTION VUV/LOUVER DETAIL

NO SCALE



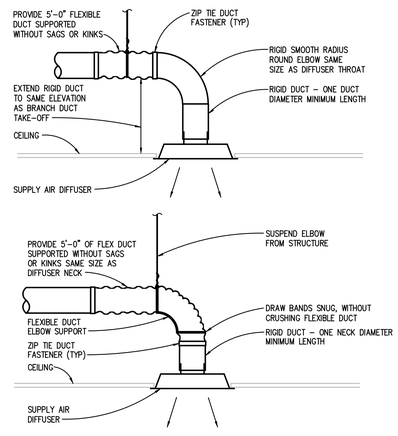
CEILING GRILLE TO/FROM PLENUM



PLENUM TO / FROM WALL GRILLE

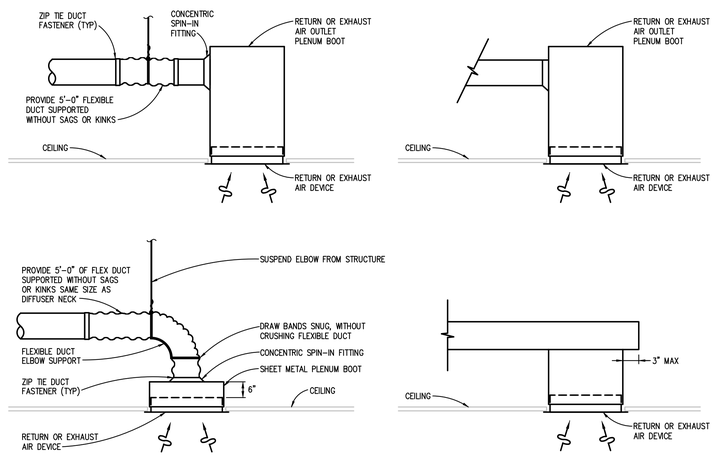
PLENUM RETURN AIR GRILLE DETAILS

NO SCALE



ROUND NECK SUPPLY AIR DIFFUSER DETAIL

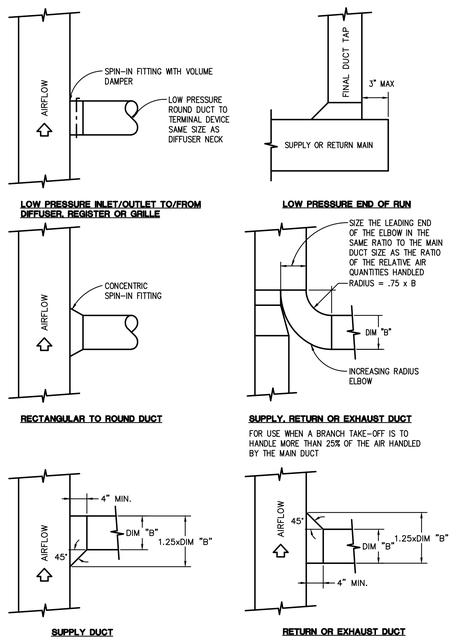
NO SCALE



RETURN OR EXHAUST AIR DEVICE INSTALLATION DETAIL

NO SCALE

NOTE: PAINT INTERIOR SURFACE OF PLENUM BOX FLAT BLACK.



RECTANGULAR DUCT BRANCH TAKE-OFF DETAILS

NO SCALE

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PROJECT TITLE

Wylie Elementary School Classroom Addition

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Dexter, MI

DRAWING TITLE

MECHANICAL DETAILS

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DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT

DRAWN	.
CHECKED	.
APPROVED	.

PROJECT NO.

25023D

DRAWING NO.

M6.2

G:\2025\2025-0323-00\CAD\2025-0323-M6-DT.dwg, M6.2, 2/5/2026 12:02:33 PM, Alexandra A. Muncey, 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 (SCHED. 80)	CARBON STEEL (STD.)	GALV. STEEL (SCHED. 40)	STAINLESS STEEL (SCHED. 10)	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 INDIRECT SANITARY WASTE - MIN. WORKING PRESS.: 10-FOOT HEAD OF WATER																																									
UP TO 8		X													X																		X								
UNDERGROUND SANITARY WASTE & VENT - MIN. WORKING PRESS.: 10-FOOT HEAD OF WATER																																									
3 TO 12													X																				X								
ABOVEGROUND COLD CONDENSATE DRAIN - MIN. WORKING PRESSURE: 10 FT. HEAD OF WATER																																									
ALL SIZES		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								

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 NIPPLEWATERWAY.
   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. 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.

ABOVEGROUND PLUMBING PIPE & ACCESSORY INSULATION APPLICATION SCHEDULE

	INSULATION MATERIAL & THICKNESS (INCHES): FLEXIBLE ELASTOMERIC	FIBERGLASS	MINERAL WOOL	POLYISOCYANURATE	PHENOLIC	CELLULAR GLASS	CALCIUM SILICATE	ALUMINUM	STAINLESS STEEL	PVC	FIELD-APPLIED JACKET MATERIAL: 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												

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.

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.

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								
6 INCH TO 8 INCH	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
2-1/2 INCH TO 4 INCH			X	X	X	X	X		X	B, 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.

ABOVEGROUND HVAC PIPE & ACCESSORY INSULATION APPLICATION SCHEDULE

	INSULATION MATERIAL & THICKNESS (INCHES): FLEXIBLE ELASTOMERIC	FIBERGLASS	MINERAL WOOL	POLYISOCYANURATE	PHENOLIC	CELLULAR GLASS	CALCIUM SILICATE	ALUMINUM	STAINLESS STEEL	PVC	FIELD-APPLIED JACKET MATERIAL: 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.

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														+2	A	5	
RETURN AIR WITHOUT TERMINAL UNITS	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.

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 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.

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	ALUMINUM	FIELD APPLIED JACKET MATERIAL: SELF-ADHESIVE (FOR OUTDOOR APPLICATIONS)	KEYED NOTES
DUCT SYSTEMS LOCATED INDOORS										
SUPPLY AIR, EXCEPT AS NOTED BELOW		1.5								A,E
EXHAUST AND RELIEF AIR BETWEEN ISOLATION DAMPER AND PENETRATION OF BUILDING EXTERIOR, EXCEPT AS NOTED BELOW		1.5								

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 A CONDITIONED SPACE SERVED BY THE SAME AIR HANDLING SYSTEM IS NOT REQUIRED TO BE INSULATED.

PLUMBING CONNECTION SCHEDULE

UNIT IDENTIFICATION: DES.	NO.	CW INCHES	HW INCHES	SAN INCHES	VENT INCHES	KEYED NOTES
EWC	1	1/2	-	1 1/2	1 1/2	
FD	1	-	-	3	-	
FD	2	-	-	4	-	
LAV	1	1/2	1/2	1 1/2	1 1/2	
SK	1	3/4	3/4	1 1/2	1 1/2	
SS	1	3/4	3/4	3	-	
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.

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL SCHEDULES

ISSUE DATES

02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

DRAWN KRD
CHECKED KRD
APPROVED SVM

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M7.1

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UNIT VENTILATOR SCHEDULE

Key Name	CFM	MINIMUM OUTSIDE AIRFLOW CFM	E.S.P. IN. WG.	NUMBER FANS	H.P. EACH	ENERGY RECOVERY WHEEL: SUPPLY CFM	ENERGY RECOVERY WHEEL: RELIEF CFM	ENERGY RECOVERY WHEEL: RECOVERED COOLING MBH	ENERGY RECOVERY WHEEL: RECOVERED HEATING MBH	COOLING COIL: MINIMUM TOTAL CAPACITY MBH	COOLING COIL: AIR: E.D.B. °F	COOLING COIL: AIR: L.D.B. °F	COOLING COIL: AIR: L.W.B. °F	COOLING COIL: DIRECT EXPANSION: MAX FACE VEL. F.P.M.	COOLING COIL: DIRECT EXPANSION: REFRIG. TYPE	COOLING COIL: DIRECT EXPANSION: NO. OF STAGES	HEATING COIL: MINIMUM TOTAL CAPACITY MBH	HEATING COIL: AIR: E.D.B. °F	HEATING COIL: AIR: L.D.B. °F	HEATING COIL: WATER: FLOW GPM	HEATING COIL: WATER: E.W.T. °F	HEATING COIL: WATER: L.W.T. °F	HEATING COIL: WATER: MAXIMUM W.P.D. FT. HEAD	HEATING COIL: WATER: CONTROL VALVE W.P.D. FT. HEAD	ARRANGEMENT	MODULATION/ CONTROL TYPE	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	ELECTRICAL: FLA	ELECTRICAL: MOP	ELECTRICAL: OPTIONS/ ACCESSORIES	MODEL NUMBER	KEYED NOTES
VUV-A	900	400	0.5	1	3/4	400	400	11.3	29.6	24.9	80.0	60.5	57.2	500	R-454B	1	43.4	57.9	107	3.0	150	130	0.4	11.5	VERTICAL	AUTO	208	3	16.3	20.0	B	CMD24	

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MANUFACTURER BASED ON DAIKIN (HORIZONTAL UNITS), AIREDALE (VERTICAL UNITS) UNLESS OTHERWISE INDICATED.

HOT WATER PROPELLER FAN UNIT HEATER SCHEDULE

UNIT IDENTIFICATION: DES.	NO.	CAPACITY MBH	AIRFLOW CFM	LEAVING AIR TEMPERATURE °F	FAN: HP	FAN: RPM	WATER: FLOW GPM	WATER: FLUID TYPE	WATER: E.W.T. °F	WATER: L.W.T. °F	WATER: MAXIMUM W.P.D. FT. HEAD	CONTROL VALVE W.P.D. FT. HEAD	MODULATION / CONTROL TYPE	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	ELECTRICAL: SCCR KA	ELECTRICAL: OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
UH	1	21.5	870	92.8	0.10	1600	2	W	150	130	0.1	11.5	AUTO	120	1	10	A	RH-63	
UH	2	35.0	1340	94.0	0.10	1600	2	W	150	130	0.3	11.5	AUTO	120	1	10	A	RH-86	

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS ARE RITTLING UNLESS OTHERWISE NOTED.
3. FLUID TYPE: W = WATER, PGXX = PROPYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL, EGXX = ETHYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL.

UNIT VENTILATOR APPLICATION SCHEDULE

UNIT IDENTIFICATION: DES.	NO.	VUV TYPE	LOCATION / AREA SERVED	OPTIONS	CONTROL VALVE TYPE	ELECTRICAL SCCR KA	KEYED NOTES
VUV	1	A	F117 - CLASSROOM	1, 2, 3, 4	2-WAY	10	
VUV	2	A	F115 - CLASSROOM	1, 2, 3, 4	2-WAY	10	
VUV	3	A	F113 - CLASSROOM	1, 2, 3	2-WAY	10	
VUV	4	A	F118 - CLASSROOM	1, 2, 3	2-WAY	10	
VUV	5	A	F116 - CLASSROOM	1, 2, 3	2-WAY	10	
VUV	6	A	F114 - CLASSROOM	1, 2, 3	2-WAY	10	
VUV	7	A	F111 - CLASSROOM	1, 2, 3	2-WAY	10	

DESIGNER OPTIONS:
1. 6 INCH REAR EXTENSION WITH SPLITTER PLATE.
2. DUCT SHROUD (REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING HEIGHTS).
3. HOT GAS REHEAT COIL.
4. INTEGRAL CONDENSATE PUMP.

ELECTRIC PROPELLER FAN UNIT HEATER SCHEDULE

UNIT IDENTIFICATION: DES.	NO.	CAPACITY MBH	FAN: RPM	FAN: CFM	HEATING ELEMENT KW	FINAL AIR TEMPERATURE °F	MOTOR HP	MODULATION / CONTROL TYPE	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	ELECTRICAL: FLA	ELECTRICAL: MOP	ELECTRICAL: SCCR KA	ELECTRICAL: OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
EUH	1	10.2	1600	350	3	87	0.01	AUTO	208	1	15	20	10	A	MUH0831	

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS ARE MARLEY UNLESS OTHERWISE NOTED.

HOT WATER CABINET UNIT HEATER SCHEDULE

UNIT IDENTIFICATION: DES.	NO.	CAPACITY MBH	AIR: AIRFLOW CFM	AIR: E.D.B. °F	AIR: L.D.B. °F	FAN: HP	FAN: RPM	WATER: FLOW GPM	WATER: FLUID TYPE	WATER: E.W.T. °F	WATER: L.W.T. °F	WATER: MAXIMUM W.P.D. FT. HEAD	CONTROL VALVE W.P.D. FT. HEAD	DIMENSIONS: LENGTH INCHES	DIMENSIONS: HEIGHT INCHES	DIMENSIONS: WIDTH INCHES	RECESS DEPTH INCHES	FILTER: TYPE	FILTER: AREA SQ. FT.	MODULATION / CONTROL TYPE	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	ELECTRICAL: SCCR KA	ELECTRICAL: OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
CUH	1	22.2	620	70.0	103.0	0.25	1600	2.3	W	150	130	0.9	11.5	24	9.5	53	10	MERV 8	8.8	AUTO	120	1	10	A	RRC-440	
CUH	2	22.2	620	70.0	103.0	0.25	1600	2.3	W	150	130	0.9	11.5	24	9.5	53	10	MERV 8	8.8	AUTO	120	1	10	A	RRC-440	
CUH	3	9.5	150	70.0	128.6	0.25	1600	1.0	W	150	130	0.1	11.5	24	9.5	35	10	MERV 8	5.8	AUTO	120	1	10	A	RRC-440	

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS ARE RITTLING UNLESS OTHERWISE NOTED.
3. FLUID TYPE: W = WATER, PGXX = PROPYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL, EGXX = ETHYLENE GLYCOL SOLUTION XX PERCENTAGE OF GLYCOL.

ELECTRIC CENTRIFUGAL FAN CABINET UNIT HEATER SCHEDULE

UNIT IDENTIFICATION: DES.	NO.	CAPACITY MBH	AIR: AIRFLOW CFM	AIR: E.D.B. °F	AIR: L.D.B. °F	FAN: HP	FAN: RPM	HEATING ELEMENT: 1ST STAGE KW	HEATING ELEMENT: TOTAL KW	DIMENSIONS: LENGTH INCHES	DIMENSIONS: HEIGHT INCHES	DIMENSIONS: DEPTH INCHES	RECESS DEPTH INCHES	FILTER: TYPE	FILTER: AREA SQ. FT.	MODULATION / CONTROL TYPE	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	ELECTRICAL: FLA	ELECTRICAL: MOP	ELECTRICAL: SCCR KA	ELECTRICAL: OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
ECUH	1	10.2	250	60	106	0.25	1750	2	3	33	10	25	10	MERV 8	6	AUTO	208	1	15	20	10	A	6333D2013B6OOF	

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS ARE MARLEY UNLESS OTHERWISE NOTED.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

UNIT IDENTIFICATION: DES.	NO.	TYPE	FACE SIZE	NECKSIZE	FRAME TYPE	ACCESSORY	CONSTRUCTION	FINISH	MODEL NUMBER	KEYED NOTES
S	1	DIFFUSER	24x24	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	SPD	
S	2	DIFFUSER	D+1 3/4	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	510	
R	1	GRILLE	24x12	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	PDDR	
R	2	GRILLE	D+3 3/4	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	530	
E	1	GRILLE	24x24	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	PDDR	
E	2	GRILLE	D+3 3/4	SEE PLANS	NOTE 1	---	STEEL	NOTE 1	530	

GENERAL NOTES:
1. MODEL NUMBERS ARE PRICE UNLESS OTHERWISE NOTED.

KEYED NOTES:
1. COORDINATE FINISH SELECTION AND FRAME WITH CEILING TYPE AND ARCHITECT.

POWER VENTILATOR SCHEDULE

UNIT IDENTIFICATION: DES.	NO.	SYSTEM SERVED	TYPE	AIRFLOW CFM	T.S.P. IN. W.G.	TIP SPEED FPM	FAN RPM	ELECTRONICALLY COMMUTATED MOTOR: FLA	ELECTRONICALLY COMMUTATED MOTOR: MOP	ELECTRONICALLY COMMUTATED MOTOR: RPM	MODULATION TYPE	CURB HEIGHT INCHES	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	ELECTRICAL: SCCR KA (NOTE 3)	ELECTRICAL: OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
EF	1	TOILETS/CUSTODIAL	DOWNBLAST	120	0.50	3451	1725	3.8	15	1725	AUTO	18	120	1	10	B	G-97-VG	
EF	2	TOILETS/CUSTODIAL	DOWNBLAST	590	0.50	3439	1725	2.85	15	1725	AUTO	18	120	1	10	B	G-100-VG	

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.

DOMESTIC WATER HEATER SCHEDULE (ELECTRIC)

UNIT IDENTIFICATION: DES.	NO.	STORAGE CAPACITY GALLONS	KW INPUT	RECOVERY GPH	E.W.T. °F	L.W.T. °F	MODULATION / CONTROL TYPE	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	ELECTRICAL: FLA	ELECTRICAL: MOP	ELECTRICAL: SCCR KA	ELECTRICAL: OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
EWH	1	50	6	26	40	140	AUTO	480	3	8	20	10	---	LDS-50X	

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBERS ARE LOCHINVAR UNLESS OTHERWISE NOTED.

PUMP SCHEDULE

UNIT IDENTIFICATION: DES.	NO.	SYSTEM SERVED	LOCATION	TYPE	COUPLING TYPE	WATERFLOW GPM	FLUID TYPE	COLDEST SYSTEM OPERATING TEMP. °F. FOR PUMP SELECTION	PUMP HEAD FT.	INDUCTION MOTOR: BHP	INDUCTION MOTOR: HP	INDUCTION MOTOR: RPM	MODULATION TYPE	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	ELECTRICAL: SCCR KA (NOTE 4)	ELECTRICAL: OPTIONS / ACCESSORIES	MODEL NUMBER	KEYED NOTES
CP	1	EWH-1	F109 - CUSTODIAL	INLINE	CLOSE	5	W	90	25	---	1/6	3300	AUTO	120	1	10	---	PL-36B	

GENERAL NOTES:
1. REFER TO SCHEDULES GENERAL NOTES.
2. MODEL NUMBER ARE BELL & GOSSETT 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.

DOMESTIC HOT WATER SYSTEM EXPANSION TANK SCHEDULE

UNIT IDENTIFICATION: DES.	NO.	SYSTEM SERVED	ESTIMATED TOTAL SYSTEM VOLUME GALLONS	TYPE	OPERATING PRESSURES AT EXPANSION TANK: INITIAL PSIG	OPERATING PRESSURES AT EXPANSION TANK: PRE-CHARGE PSIG	OPERATING PRESSURES AT EXPANSION TANK: MAX (OPERATING) PSIG	SYSTEM OPERATING TEMPERATURES: MINIMUM °F	SYSTEM OPERATING TEMPERATURES: MAXIMUM °F	EXPANSION VOLUME GALLONS	MINIMUM TANK VOLUME GALLONS	DIMENSIONS: DIAMETER INCHES	DIMENSIONS: HEIGHT INCHES	MODEL NUMBER	KEYED NOTES
ET	1	EWH-1	150	DIAPHRAGM	40	35	75	40	120	3.2	4.4	11	15	PT-12	

GENERAL NOTES:
1. MODEL NUMBERS ARE BELL & GOSSETT 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.

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PBA Project No.: 2025.0323

PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

MECHANICAL SCHEDULES

ISSUE DATES

02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	KRD
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APPROVED	SVM

PROJECT NO.

25023D

DRAWING NO.

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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
N	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

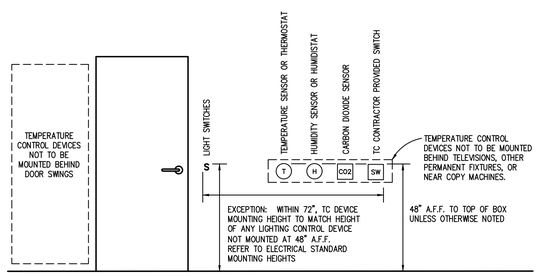
M/S	COIL – MOTOR STARTER CONTACTOR
R	COIL – RELAY
	CONTACT – INSTANT OPERATING, NO
	CONTACT – INSTANT OPERATING, NC
	GROUND
	MOTOR, SINGLE PHASE
	PUSH BUTTON – MOMENTARY, NC (MUSHROOM HEAD)
H O A	SWITCH – 3 POSITION SELECTOR HAND/OFF/AUTO
	SWITCH – FLOW (AIR, WATER, ETC.), NO
	SWITCH – LIMIT, NO
	SWITCH – 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

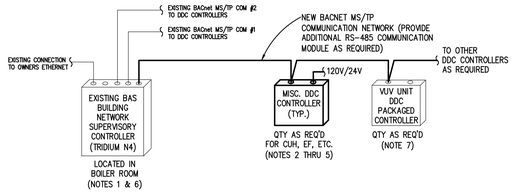
NOTES:

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.



TC DEVICE STANDARD MOUNTING HEIGHTS DETAIL

NO SCALE



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 THE EXISTING BUILDING NETWORK SUPERVISORY CONTROLLER (JACE) 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. 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.
7. 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.

SCHOOL DISTRICT STANDARD SETPOINTS

NOTE:

PROVIDE A BUILDING GLOBAL SETPOINT GRAPHICAL INTERFACE PAGE WITH THE FOLLOWING SCHOOL DISTRICT STANDARDS THAT SHALL BE APPLIED TO ALL EQUIPMENT AND ZONE CONTROL AS APPLICABLE PER SPECIFIC CONTROL DETAILS AND SEQUENCES OF OPERATION. INDIVIDUAL EQUIPMENT OR ZONES SETPOINTS SHALL THEN BE CAPABLE OF BEING OVERRIDDEN BY SCHOOL DISTRICT MAINTENANCE AS REQUIRED.

AIR HANDLING EQUIPMENT ZONES (VUVs, AHUs, RTUs, HVAC UNITS):

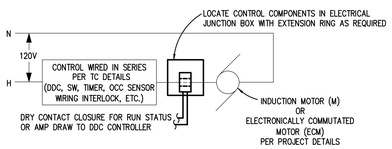
- OCCUPIED HEATING = 70°F
- STANDBY HEATING = 68°F
- UNOCCUPIED HEATING = 62°F

- OCCUPIED COOLING = 74°F
- STANDBY COOLING = 76°F
- UNOCCUPIED COOLING = 80°F (UNLESS SET HIGH TO KEEP UNIT OFF)

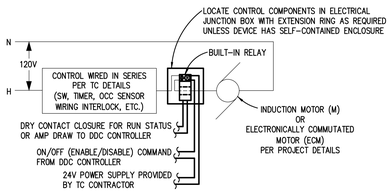
- LOCAL WARM/COOL ADJUSTMENT RANGE FOR OCCUPIED SETPOINTS (WHERE APPLICABLE) SHALL BE +/- 2°F
- ECONOMIZER LOCKOUT SETPOINT (AS APPLICABLE), OA-DEWPOINT = 52°F OR OA-DRY BULB = 65°F.

PERIMETER HEATING ZONES (CUH, FTR)

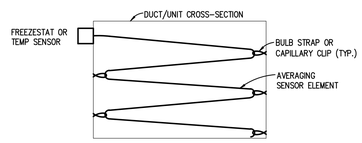
- OCCUPIED HEATING = 68°F
- UNOCCUPIED HEATING = 55°F



1-PHASE POWER APPLICATION - DDC MONITORING



1-PHASE POWER APPLICATION - COMBO DDC MONITORING & CONTROL



AVERAGING ELEMENT INSTALLATION DETAIL

TYPICAL

NOTES:

1. FREEZESTAT QUANTITY SHALL BE ONE PER 20 SQ. FT. OF CROSS-SECTIONAL AREA.
2. AVERAGING DDC SENSOR LENGTH SHALL BE SUFFICIENT TO COVER AND SENSE THE CROSS-SECTIONAL AREA.
3. PROVIDE REQUIRED CAPILLARY STRAP OR CLIPS TO SUPPORT SENSOR TO PREVENT VIBRATION FROM AIR MOVEMENT.
4. PROVIDE PROTECTION AT EACH CAPILLARY STRAP OR CLIP TO PREVENT ABRASION TO CAPILLARY.

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 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.

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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

TEMPERATURE CONTROLS

ISSUE DATES

03-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

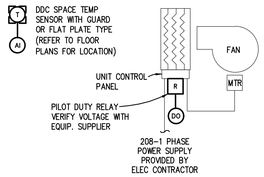
PROJECT NO.

25023D

DRAWING NO.

M8.1

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ELECTRIC CABINET UNIT HEATER (ECUH) CONTROL

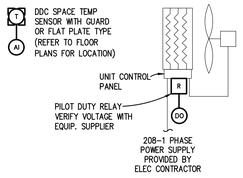
TYPICAL

NOTES:

1. REFER TO FLOOR PLANS FOR QUANTITY AND LOCATION OF UNITS.
2. TC CONTRACTOR SHALL COORDINATE WIRING REQUIREMENTS WITH EQUIPMENT SUPPLIER.

SEQUENCE OF OPERATION:

1. ELECTRIC UNIT HEATER SHALL BE STARTED AND STOPPED BY DDC AS REQUIRED TO MAINTAIN SPACE TEMPERATURE HEATING SETPOINT OF 68°F (ADJ.).
2. DDC SHALL PROVIDE A 2°F DEADBAND AROUND SETPOINT FOR CONTROL.
3. DDC SHALL ACTIVATE CRITICAL ALARM TO BAS IF SPACE TEMP FALLS BELOW 40°F (ADJ.).



ELECTRIC UNIT HEATER (EUH) CONTROL

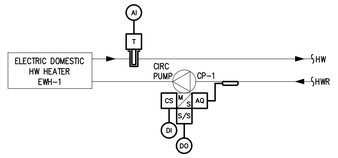
TYPICAL

NOTES:

1. REFER TO FLOOR PLANS FOR QUANTITY AND LOCATION OF UNITS.
2. TC CONTRACTOR SHALL COORDINATE WIRING REQUIREMENTS WITH EQUIPMENT SUPPLIER.

SEQUENCE OF OPERATION:

1. ELECTRIC UNIT HEATER SHALL BE STARTED AND STOPPED BY DDC AS REQUIRED TO MAINTAIN SPACE TEMPERATURE HEATING SETPOINT OF 68°F (ADJ.).
2. DDC SHALL PROVIDE A 2°F DEADBAND AROUND SETPOINT FOR CONTROL.
3. DDC SHALL ACTIVATE CRITICAL ALARM TO BAS IF SPACE TEMP FALLS BELOW 40°F (ADJ.).



DOM HW SYSTEM MONITORING & CONTROL

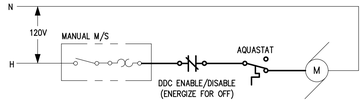
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NOTES:

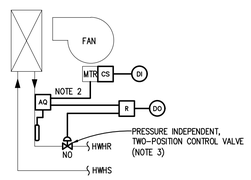
1. REFER TO FLOOR PLANS FOR LOCATION OF UNITS.
2. AQUASTAT PROVIDED BY TC CONTRACTOR.

SEQUENCE OF OPERATION:

1. DDC SHALL ACTIVATE DOMESTIC HW CIRC PUMP BASED ON BAS TIME OF DAY BUILDING OCCUPANCY SCHEDULE. DDC SYSTEM SHALL MONITOR PUMP MOTOR STATUS AND TOTALIZE RUN TIME HOURS OF OPERATION.
2. DDC SYSTEM SHALL MONITOR DOMESTIC HW SYSTEM SUPPLY TEMP FOR REMOTE SYSTEM DIAGNOSTIC CAPABILITY BY OWNER. DDC SYSTEM SHALL PROVIDE A HIGH TEMPERATURE ALARM WITH SETPOINT 5°F (ADJ.) ABOVE SYSTEM HW SETPOINT.



DOM HW CP-1 M/S WIRING



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 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.

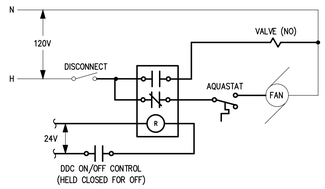
1.2. WHEN OUTSIDE AIR TEMPERATURE INCREASES ABOVE 45°F, DDC SHALL DISABLE CONTROL OF THE CUH.

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.

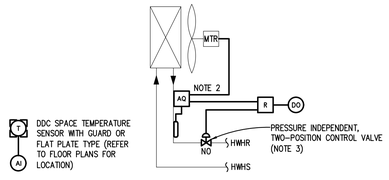
2.2. WHEN OUTSIDE AIR TEMPERATURE INCREASES ABOVE 60°F, DDC SHALL DISABLE CONTROL OF THE CUH.

3. DDC SHALL MONITOR FAN RUN STATUS THRU CURRENT SWITCH. ABNORMAL STATUS CONDITION SHALL ACTIVATE ALARM.



HWH CUH WIRING

TYPICAL



HWH UNIT HEATER (UH) CONTROL

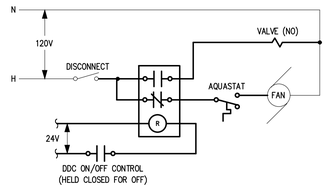
TYPICAL

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 CONTROL VALVE REPLACEMENT SCHEDULE FOR CONTROL VALVE SIZING CRITERIA.

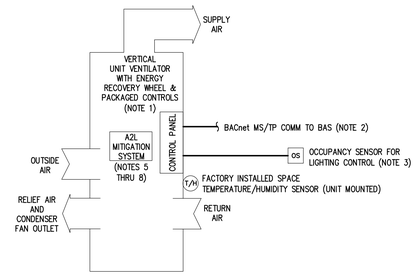
SEQUENCE OF OPERATION:

1. DDC SYSTEM SHALL ENABLE/DISABLE FAN CIRCUIT AND OPEN/CLOSE HEATING CONTROL VALVE AS REQUIRED TO MAINTAIN SPACE TEMP SETPOINT OF 65°F. FAN SHALL ACTIVATE UPON PROOF OF HWHR FLOW BY AQ.
2. DDC SHALL ACTIVATE CRITICAL ALARM TO BAS IF SPACE TEMP FALLS BELOW 50°F (ADJ.).



HWH UH WIRING

TYPICAL



SELF-CONTAINED PACKAGED VERTICAL UNIT VENTILATOR (VUV) FIELD INSTALLATION & CONTROL

TYPICAL – REFER TO FLOOR PLANS FOR QUANTITY AND LOCATION OF UNITS

NOTES:

1. SINGLE ZONE VERTICAL UNIT VENTILATOR (VUV) SHALL BE SUPPLIED FOR PROJECT WITH COMPLETE PACKAGED CONTROLS INCLUDING ENERGY RECOVERY WHEEL, CONTROL DAMPERS, HWH HEATING CONTROL VALVE AND DX COOLING WITH HOT GAS REHEAT. BACnet COMMUNICATION INTERFACE SHALL BE PROVIDED WITH UNIT FOR BAS SCHEDULING, OCCUPIED AND UNOCCUPIED SPACE TEMP SETPOINT ADJUSTMENT AND UNIT MONITORING. SINGLE POINT POWER SUPPLY CONNECTION SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
2. TC CONTRACTOR SHALL PROVIDE BACnet COMMUNICATION INTERFACE WIRING FROM VUV CONTROL PANEL TO BAS NETWORK SUPERVISORY CONTROLLER.
3. NEW OCCUPANCY SENSOR MODULE FOR HVAC CONTROL ASSOCIATED WITH NEW LIGHTING CONTROL AS PROVIDED BY ELECTRICAL CONTRACTOR SHALL BE WIRED TO VUV PACKAGED CONTROLS BY TC CONTRACTOR. COORDINATE MODULE LOCATION WITH ELECTRICAL CONTRACTOR.
4. TC CONTRACTOR SHALL OBTAIN EQUIPMENT SHOP DRAWINGS FROM SELECTED VUV SUPPLIER TO DEVELOP GRAPHICS THAT REPRESENT ACTUAL UNIT CONFIGURATION WITH COMPONENTS SHOWN IN CORRECT LOCATIONS.
5. LEAK DISSIPATION SYSTEM SHALL CONSIST OF TWO A2L SENSORS CERTIFIED TO UL-60335-2-40.
6. A2L LEAK DETECTION SENSORS SHALL BE DESIGNED FOR THE LIFE OF THE UNIT. SINGLE USE REFRIGERANT LEAK SENSORS SHALL NOT BE PERMITTED.
7. A2L DISSIPATION SYSTEM SHALL BE AUTOMATIC, SHIP PRE-WIRED AND REQUIRE NO ADDITIONAL FIELD CONNECTIONS.
8. REFRIGERANT LEAK SENSOR SHALL BE INSTALLED IN UL-CERTIFIED LOCATION AND ORIENTATION. SENSORS SHALL BE SELF-CORRECTING AND RESETTABLE.

SEQUENCE OF OPERATION (SINGLE ZONE VUV):

1. FOR OCCUPIED MODE, VUV WITH PACKAGED CONTROLS SHALL MODULATE HWH HEATING OR ACTIVATE DX COOLING AS REQUIRED TO MAINTAIN OCCUPIED SPACE TEMPERATURE HEATING OF 70°F OR COOLING SETPOINT OF 74°F WHILE SUPPLY FAN OPERATES CONTINUOUSLY. DAMPER SHALL BE OPENED TO MINIMUM POSITION AND DAMPER ECONOMIZER SHALL BE AVAILABLE FOR COOLING MODE WHENEVER RA TEMP IS HIGHER THAN THE OCCUPIED COOLING MODE SPACE TEMP SETPOINT AND OA TEMP IS LOW ENOUGH TO SATISFY COOLING LOAD IN SPACE. LOCAL +/- 2°F SETPOINT ADJUSTMENT.
2. STANDBY (TEMPORARY UNOCCUPIED) MODE SHALL BE INITIATED DURING OCCUPIED MODE WHEN ZONE IS NOT OCCUPIED AS DETERMINED BY VUV PACKAGED CONTROL MONITORING OF THE LIGHTING CONTROLS HVAC AUX CONTACTS. CONTACTS SHALL BE WIRED DIRECT TO VUV CONTROLLER VENTILATION LOCKOUT TERMINATIONS WHICH WILL CAUSE DAMPERS TO FULLY CLOSE WHEN SPACE IS DEEMED UNOCCUPIED AND EFFECTIVE OCCUPIED MODE SPACE TEMP SETPOINT SHALL BE MAINTAINED WHILE FAN CONTINUES TO OPERATE. BAS SHALL MONITOR OA DAMPER POSITION BACnet READ OBJECT AND WHEN 0% DURING OCCUPIED MODE, VUV SHALL BE CONSIDERED TO BE IN STANDBY MODE WHICH IS TO BE INDICATED ON BAS GRAPHICS.
3. FOR UNOCCUPIED MODE, VUV WITH PACKAGED CONTROLS SHALL CYCLE SUPPLY FAN WHILE MODULATING HWH HEATING OR ACTIVATING DX COOLING AS REQUIRED TO MAINTAIN TO MAINTAIN UNOCCUPIED SPACE TEMPERATURE HEATING SETPOINT OF 62°F OR COOLING SETPOINT OF 82°F. OA DAMPER SHALL REMAIN CLOSED.
4. RELIEF/CONDENSER FAN SPEED SHALL BE MODULATED BY PACKAGED CONTROLS RELATIVE TO DAMPER ECONOMIZER CONTROL.
5. ENERGY RECOVERY WHEEL SHALL BE SEQUENCED BY PACKAGES CONTROLS WHEN OA CONDITIONS ARE AVAILABLE. HEAT RECOVERY WHEEL OPERATES IN CONJUNCTION WITH VUV OA/RA DAMPERS TO MAINTAIN SPACE TEMP/HUMIDITY SETPOINTS, WITH DEFROST CYCLE MODE.
6. VUV PACKAGED CONTROLS SHALL INCLUDE DEHUMIDIFICATION MODE WHEN SPACE HUMIDITY REACHES HIGH LIMIT SETPOINT. HOT GAS REHEAT SHALL MAINTAIN SPACE TEMP SETPOINT DURING DEHUMIDIFICATION MODE.
7. FREEZESTAT SHALL DEACTIVATE UNIT IF DA TEMP IS 35°F OR BELOW.
8. WHEN SYSTEM DETECTS LEAK, THE FOLLOWING MITIGATION ACTIONS WILL BE INITIATED UNTIL REFRIGERANT HAS NOT BEEN DETECTED FOR AT LEAST 5 MINUTES.

A. ENERGIZE THE SUPPLY FAN TO DELIVER A REQUIRED MINIMUM AMOUNT OF CIRCULATION AIRFLOW.

B. DISABLE COMPRESSOR OPERATION.

C. ISSUE CRITICAL ALARM TO BAS VIA BACNET COMMUNICATION.

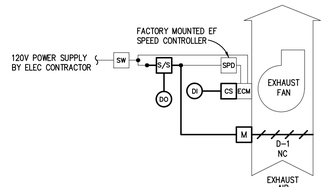
D. A2L SENSOR ALARM HISTORY SHALL BE AVAILABLE THRU VUV PACKAGED DDC CONTROLLER.

E. DISSIPATION SYSTEM SHALL BE "FAIL SAFE" PER UL REQUIREMENTS. IF A REFRIGERANT SENSOR HAS A FAULT OR IS DISCONNECTED, THE UNIT WILL INITIATE THE MITIGATION ACTIONS.

9. BACnet OPEN PROTOCOL COMMUNICATIONS INTERFACE SHALL BE PROVIDED WITH PACKAGED CONTROLS AND CONNECTED TO OWNER'S BUILDING AUTOMATION SYSTEM 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)
   - RELIEF/CONDENSER FAN COMMAND STATUS (TO BAS)
   - RELIEF/CONDENSER FAN FAN RUN STATUS (TO BAS)
   - RELIEF/CONDENSER FAN FAN SPEED COMMAND STATUS (TO BAS)
   - OCCUPIED SPACE HEATING TEMP SETPOINT (FROM BAS)
   - STANDBY SPACE HEATING TEMP SETPOINT (FROM BAS)
   - UNOCCUPIED SPACE HEATING TEMP SETPOINT (FROM BAS)
   - OCCUPIED SPACE COOLING TEMP SETPOINT (FROM BAS)
   - STANDBY SPACE COOLING TEMP SETPOINT (FROM BAS)
   - UNOCCUPIED SPACE COOLING TEMP SETPOINT (FROM BAS)
   - LOCAL SPACE TEMP ADJUSTMENT VALUE (TO BAS)
   - LOCAL OCCUPANCY OVERRIDE ACTIVATION STATUS (TO BAS)
   - OA DAMPER MINIMUM POSITION SETPOINT (FROM BAS)
   - DEHUMIDIFICATION SETPOINT (FROM BAS)
   - DISCHARGE AIR TEMP (TO BAS)
   - SPACE TEMPERATURE (TO BAS)
   - SPACE HUMIDITY (TO BAS)
   - RETURN AIR TEMPERATURE (TO BAS)
   - HEATING/COOLING MODE STATUS (TO BAS)
   - HEATING OUTPUT (MODULATING) STATUS (TO BAS)
   - DAMPER OUTPUT(POSITION) STATUS (TO BAS)
   - DAMPER ECONOMIZER ENABLE STATUS (TO BAS)
   - DX COOLING STATUS/STAGE(S) ACTIVE (TO BAS)
   - DEHUMIDIFICATION MODE STATUS (TO BAS)
   - FREEZESTAT STATUS (TO BAS)
   - DIRTY FILTER STATUS (TO BAS)
   - OTHER AVAILABLE TEMPERATURE MONITORING (TO BAS)
   - SENSOR FAILURE ALARMS (TO BAS)
   - OTHER SAFETY CUTOUT ALARMS (TO BAS)
   - OTHER MISC ALARMS (TO BAS)
   - A2L PURGE SEQUENCE IS ACTIVE (TO BAS)
   - A2L SENSOR IS DETECTING LEAK (TO BAS)
   - A2L SENSOR COMMUNICATION ERROR (TO BAS)
   - A2L SENSOR IS ALARMING (TO BAS)
   - ENERGY RECOVERY WHEEL STATUS SWITCH (TO BAS)
   - ENERGY RECOVERY WHEEL ALARM STATUS (TO BAS)
   - ENERGY RECOVERY WHEEL DEFROST MODE (TO BAS)

TC GENERAL NOTES

TC GENERAL NOTES ON DRAWING M8.1 APPLY TO THIS DRAWING.



EXHAUST FAN (EF) CONTROL

TYPICAL EXCEPT WHERE NOTED. APPLICABLE FOR THE FOLLOWING UNITS:

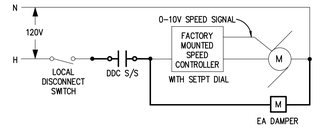
EF-1 SERVES TOILET RM F107
EF-2 SERVES TOILET RMS F104, F105 & F106

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.

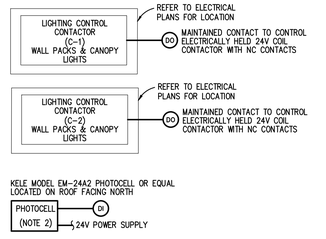
SEQUENCE OF OPERATION:

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.



EF ECM WIRING

TYPICAL



BUILDING EXTERIOR LIGHTING CONTROL

NOTES:

1. COORDINATE WIRING REQUIREMENTS AND TERMINATIONS WITH ELECTRICAL CONTRACTOR. REFER TO E7.1 FOR DETAILS.
2. TC CONTRACTOR SHALL PROVIDE PHOTOCELL, 24 POWER SUPPLY AND ASSOCIATED WIRING FOR BAS FOR MONITORING AND OVERRIDE OFF CONTROL OF EXTERIOR LIGHTING SCHEDULES.

SEQUENCE OF OPERATION:

1. DDC SHALL CONTROL EXTERIOR LIGHTING BASED ON OWNER TIME OF DAY SCHEDULE. INITIAL SCHEDULE SHALL BE AS INDICATED BELOW, CONFIRM WITH OWNER WEEKEND AND SPECIAL EVENTS OPERATION.

   DAILY:
   ENABLED – 18:00HRS (ADJUST FOR DAYLIGHT SAVINGS) – 23:59HRS.
   DISABLED – 00:00HRS – 03:59HRS
   ENABLED – 04:00HRS – 17:59HRS "ENABLE/DISABLE" BY PHOTOCELL AS REQUIRED.
2. DDC MONITORED PHOTOCELL SHALL BE USED FOR "OFF" OVERRIDE CONTROL OF SCHEDULED OPERATION DURING DAYLIGHT.
3. DDC SHALL CONTAIN A SNOW PLOWING SCHEDULE TO ACTIVATE PARKING LOT LIGHTING MANUALLY BY SYSTEM OPERATOR WHEN SNOW PLOWING IS TO OCCUR AT NIGHT.

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PBA Project No.: 2025.0323

PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

TEMPERATURE CONTROLS

ISSUE DATES

02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT
DATE:	ISSUED FOR:

DRAWN	KRD
CHECKED	KRD
APPROVED	SVM

PROJECT NO.

25023D

DRAWING NO.

M8.2

G:\2025\2025-0323-00\CAD\2025-0323-M8-CP.dwg, M8.2, 2/5/2026 11:07:51 AM, Alexandra A. Muncey, None ,0.09448, Peter Basso Associates Inc.

ELECTRICAL SYMBOL LIST (NOTE: SOME SYMBOLS AND ABBREVIATIONS SHOWN MAY NOT APPLY TO THIS PROJECT.)

SYMBOL	DESCRIPTION
NUER 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
KL	LOW VOLTAGE KEY 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
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
S3	DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES
S3S3	3-WAY DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES
S4S4	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
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
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
	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
TWC	TWO-WAY COMMUNICATION SYSTEM CALL STATION
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ST	DIGITAL TIME SWITCH
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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

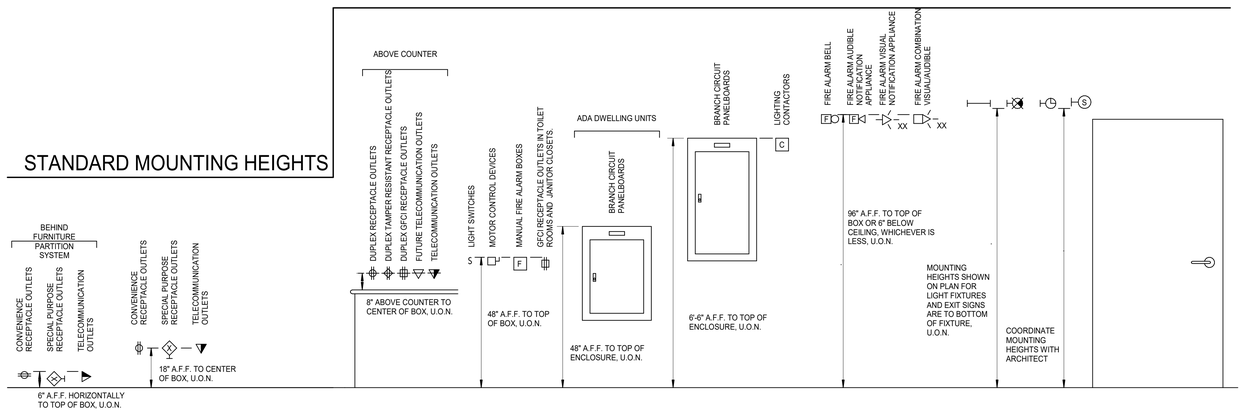
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REX	REQUEST TO EXIT STATION
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DA	DOOR ACTUATOR
AC	ACCESS CONTROL STATION
ACCP	ACCESS CONTROL CONTROL PANEL
ACPS	ACCESS CONTROL POWER SUPPLY
	CIRCUIT BREAKER
	DRAWOUT CIRCUIT BREAKER MANUALLY/ OPERATED
	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
M	UTILITY METER
EMU	ELECTRONIC METERING UNIT
A	AMMETER
V	VOLTMETER
AS	AMMETER SWITCH
VS	VOLTMETER SWITCH
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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

REFER TO ELECTRICAL STANDARD SCHEDULES

SYMBOL	DESCRIPTION
	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
	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
MIC	MICROPHONE
VC	VOLUME CONTROL
B	SIGNALING BELL
	SINGLE FACE CLOCK - CEILING MOUNTED
	SINGLE FACE CLOCK - WALL MOUNTED
	DOUBLE FACE CLOCK - CEILING MOUNTED
S	DOUBLE FACE COMBINATION CLOCK/SPEAKER CEILING MOUNTED
	DOUBLE FACE CLOCK - WALL MOUNTED
S	DOUBLE FACE COMBINATION CLOCK/SPEAKER WALL MOUNTED
	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

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

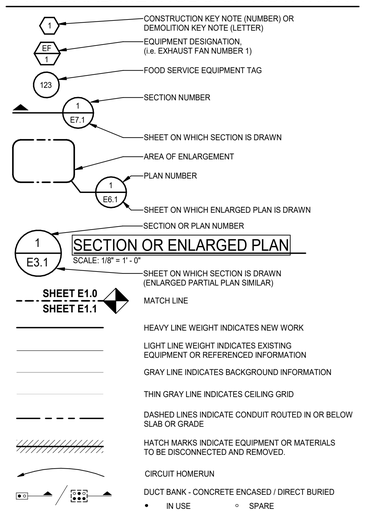
SHEET NO.	SHEET TITLE
E0.1	ELECTRICAL STANDARDS AND DRAWING INDEX
E0.2	ELECTRICAL STANDARD SCHEDULES
E0.3	FIRST LEVEL ELECTRICAL COMPOSITE PLAN
ED1.1E	FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'E'
E2.1F	FIRST LEVEL LIGHTING PLAN - ZONE 'F'
E3.1F	FIRST LEVEL POWER AND AUXILIARY PLAN - ZONE 'F'
E5.1	ONE LINE DIAGRAM
E5.2	PANEL SCHEDULES
E7.1	ELECTRICAL DETAILS AND DIAGRAMS
E7.2	ELECTRICAL DETAILS AND DIAGRAMS
E7.3	LIGHTING SCHEDULES

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
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



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PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ELECTRICAL STANDARDS AND DRAWING INDEX

ISSUE DATES

02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT

DATE:	ISSUED FOR:
DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.

25023D

DRAWING NO.

E0.1

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DRY TYPE DISTRIBUTION TRANSFORMER CIRCUIT SIZING SCHEDULE

TRANSFORMER KVA	PRIMARY (480V)	SECONDARY (208Y/120 VOLT)								
	OVERCURRENT PROTECTION	OVERCURRENT PROTECTION	CONDUCTOR SIZE (AWG OR KCMIL)						GROUNDING ELECTRODE CONDUCTOR		KEYED NOTES
			PHASE & NEUTRAL		SUPPLY SIDE BONDING JUMPER		CONDUIT (4W + SSBJ)				
			COPPER	ALUMINUM	COPPER	ALUMINUM	COPPER	ALUMINUM	COPPER	ALUMINUM	
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%.

MOTOR CIRCUIT SIZING SCHEDULE (120V, SINGLE PHASE)

MOTOR HP	CIRCUIT BREAKER	MANUAL MOTOR STARTER SIZE	COMBINATION STARTER SIZE	MOTOR DISCONNECT (NOTE 3)
1/6	15A	1 HP	0	20A
1/4	15A	1 HP	0	20A
1/3	15A	1 HP	0	20A
1/2	20A	1 HP	0	20A

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.

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.

RACEWAY / CONDUCTOR / CABLE APPLICATION SCHEDULE

E002_RAS_Group-Sequence	E002_RAS_Group-Name	E002_RAS_Group-SubSequence		WIRE		RACEWAY										CABLE/CORD								
				COPPER, TYPE THWN/THWN-2	COPPER, TYPE XHHW-2	ALUMINUM, TYPE XHHW-2 (100A AND ABOVE ONLY)	ELECTRICAL METALLIC TUBING (EMT)	INTERMEDIATE METAL CONDUIT (IMC)	RIGID STEEL CONDUIT (RSC)	PVC COATED RIGID STEEL CONDUIT	RIGID NON-METALLIC CONDUIT (RNC) TYPE EPC-40	HIGH DENSITY POLYETHYLENE (HDPE) SCHEDULE 40	FLEXIBLE METAL CONDUIT (FMC)	LIQUID TIGHT FLEXIBLE METAL CONDUIT (LFMC)	SURFACE RACEWAY	CABLE TRAY	METAL CLAD TYPE CABLE WITH INSULATED GROUND WIRE (TYPE MC)	PVC JACKETED METAL CLAD TYPE CABLE WITH INSULATED GROUND WIRE (TYPE MC)	ARMOR CLAD TYPE CABLE WITH INSULATED GROUND WIRE (TYPE AC)	TWO HOUR FIRE RATED CABLE (RHW-2) (KEYED NOTE 4)	VFC CABLE	TRAY CABLE (TYPE TC)	POWER-LIMITED CABLE	CIRCUIT INTEGRITY CABLE (TYPE CI)
FEEDERS - INTERIOR																								
2	FEEDERS - INTERIOR	10	CONCEALED, ACCESSIBLE CEILINGS	X		X	X	X																
2	FEEDERS - INTERIOR	20	CONCEALED, INACCESSIBLE CEILINGS	X		X	X	X																
2	FEEDERS - INTERIOR	30	CONCEALED IN GYPSUM BOARD PARTITION WALLS	X		X	X	X																
2	FEEDERS - INTERIOR	40	CONCEALED IN CMU WALLS	X		X	X	X																
2	FEEDERS - INTERIOR	50	EXPOSED, BELOW 10' AFF AND SUBJECT TO DAMAGE	X		X	X	X	X															
2	FEEDERS - INTERIOR	60	EXPOSED, BELOW 10' AFF AND NOT SUBJECT TO DAMAGE	X		X	X	X																
2	FEEDERS - INTERIOR	70	EXPOSED, ABOVE 10' AFF UNFINISHED SPACES	X		X	X	X																
2	FEEDERS - INTERIOR	80	EXPOSED, FINISHED SPACES	X		X									X									
2	FEEDERS - INTERIOR	90	BELOW SLAB ON GRADE	X		X				X	X	X												
BRANCH CIRCUITS - EXTERIOR																								
3	BRANCH CIRCUITS - EXTERIOR	10	EXPOSED, SURFACE MOUNTED TO STRUCTURE		X			X	X	X														
3	BRANCH CIRCUITS - EXTERIOR	20	EXPOSED, WITH FREESTANDING SUPPORT		X			X	X	X														
3	BRANCH CIRCUITS - EXTERIOR	30	CONCEALED IN RETAINING WALL OR SIMILAR ELEMENT		X				X	X	X													
3	BRANCH CIRCUITS - EXTERIOR	40	BELOW PARKING LOTS AND ROADWAYS		X				X	X	X	X												
3	BRANCH CIRCUITS - EXTERIOR	50	BELOW GREEN SPACE		X					X														
3	BRANCH CIRCUITS - EXTERIOR	60	WITHIN 5' OF FOUNDATION WALL		X				X	X														
3	BRANCH CIRCUITS - EXTERIOR	70	ROOFTOPS (WHEN APPROVED BY ENGINEER)		X			X	X	X														
BRANCH CIRCUITS - INTERIOR																								
4	BRANCH CIRCUITS - INTERIOR	10	CONCEALED, ACCESSIBLE CEILINGS	X			X	X									X							
4	BRANCH CIRCUITS - INTERIOR	20	CONCEALED, INACCESSIBLE CEILINGS	X			X																	
4	BRANCH CIRCUITS - INTERIOR	30	CONCEALED IN GYPSUM BOARD PARTITION WALLS	X			X	X					X				X							
4	BRANCH CIRCUITS - INTERIOR	40	CONCEALED IN CMU WALLS	X			X	X																
4	BRANCH CIRCUITS - INTERIOR	50	EXPOSED, BELOW 10' AFF AND SUBJECT TO DAMAGE	X				X	X	X														
4	BRANCH CIRCUITS - INTERIOR	60	EXPOSED, BELOW 10' AFF AND NOT SUBJECT TO DAMAGE	X			X	X							X									
4	BRANCH CIRCUITS - INTERIOR	70	EXPOSED, ABOVE 10' AFF UNFINISHED SPACES	X			X	X																
4	BRANCH CIRCUITS - INTERIOR	80	EXPOSED, FINISHED SPACES	X											X									
4	BRANCH CIRCUITS - INTERIOR	90	BELOW SLAB ON GRADE	X							X													
4	BRANCH CIRCUITS - INTERIOR	110	DAMP AND WET LOCATIONS	X			X	X	X	X				X										
SPECIAL APPLICATIONS																								
5	SPECIAL APPLICATIONS	40	CONNECTION BETWEEN VFC AND MOTORS (KEYED NOTE 1)																		X			
5	SPECIAL APPLICATIONS	50	CLASS 1 CONTROL CIRCUITS	X			X	X	X													X		
5	SPECIAL APPLICATIONS	60	CLASS 2 CONTROL CIRCUITS	X			X	X	X							X						X	X	
5	SPECIAL APPLICATIONS	70	CLASS 3 CONTROL CIRCUITS	X			X	X	X							X						X	X	
5	SPECIAL APPLICATIONS	100	CONNECTIONS TO TRANSFORMERS, MOTORS AND VIBRATING EQUIPMENT		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.

FEEDER AND BRANCH CIRCUIT SIZING SCHEDULE - GENERAL PURPOSE

OVERCURRENT DEVICE RATING (AMPERES)	COPPER CONDUCTORS						ALUMINUM CONDUCTORS					
	WIRE SIZE (AWG OR KCMIL)		CONDUIT SIZE				WIRE SIZE (AWG OR KCMIL)		CONDUIT SIZE			
	PHASE & NEUTRAL	GROUND	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)	PHASE & NEUTRAL	GROUND	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"	N/A	N/A	N/A	N/A	N/A	1
60	6 (4)	10	3/4" (1")	3/4" (1")	3/4" (1")	1" (1 1/4")	N/A	N/A	N/A	N/A	N/A	1
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"	N/A	N/A	N/A	N/A	N/A	1
90-100	3 (2)	8	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1	6	1 1/2"	1 1/4"	1 1/2"	1
110	2 (1)	6	-	1 1/4"	1 1/4"	1 1/4" (1 1/2")	1/0	4	1 1/2"	1 1/2"	2"	1
125	1 (1/0)	6	-	1 1/4" (1 1/2")	1 1/4" (1 1/2")	1 1/2"	2/0	4	1 1/2"	1 1/2"	2"	1
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"	

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.

NOTE: SOME SYMBOLS AND ABBREVIATIONS SHOWN MAY NOT APPLY TO THIS PROJECT

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PBA Project No.: 2025.0323

PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ELECTRICAL STANDARD SCHEDULES

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT

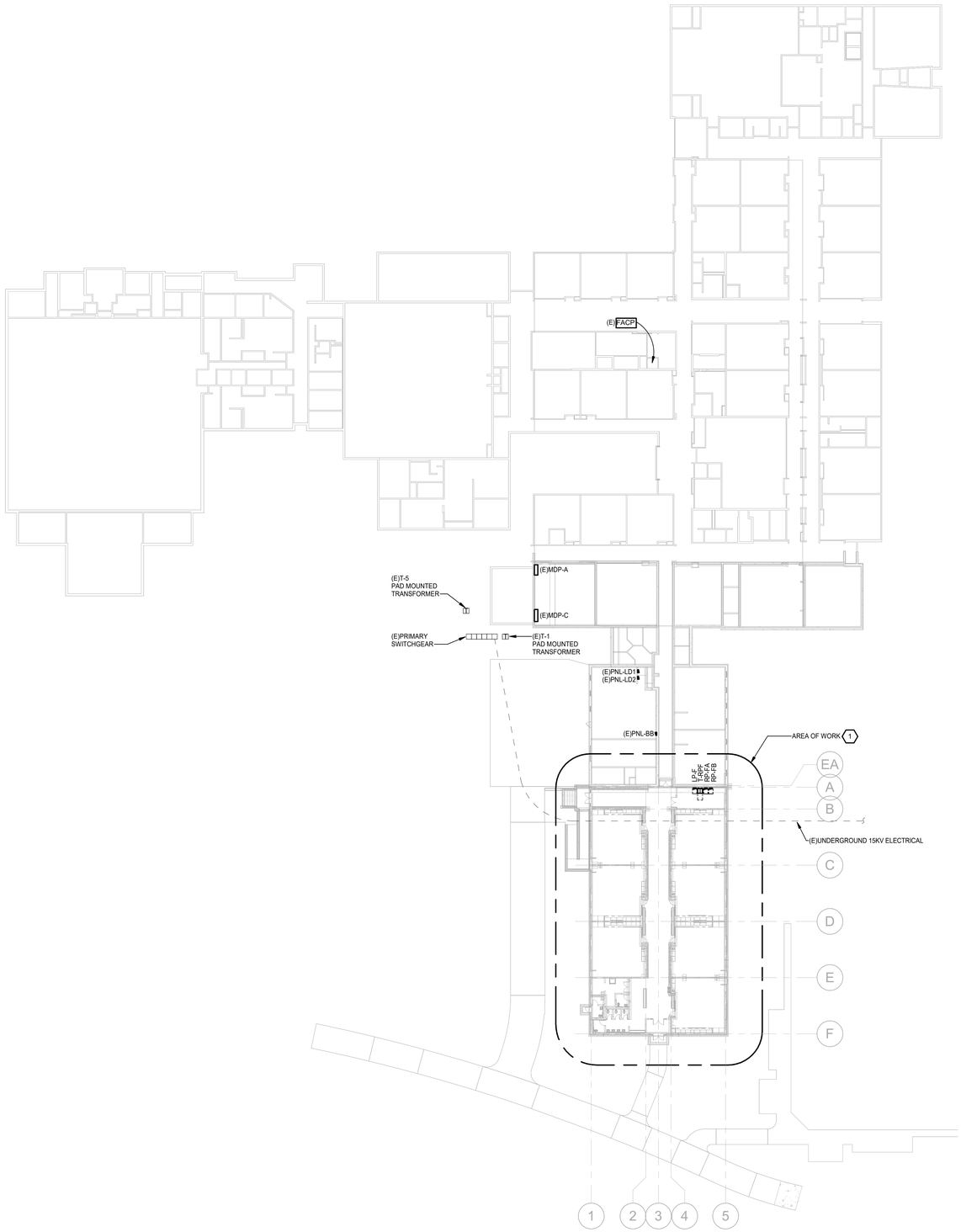
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APPROVED	STP

PROJECT NO.
25023D

DRAWING NO.
E0.2

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THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



ELECTRICAL NEW WORK SITE PLAN
SCALE: 1" = 30'-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 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.

9 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

10 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

11 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

12 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.

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PBA Project No.: 2025.0323

PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL ELECTRICAL COMPOSITE PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT

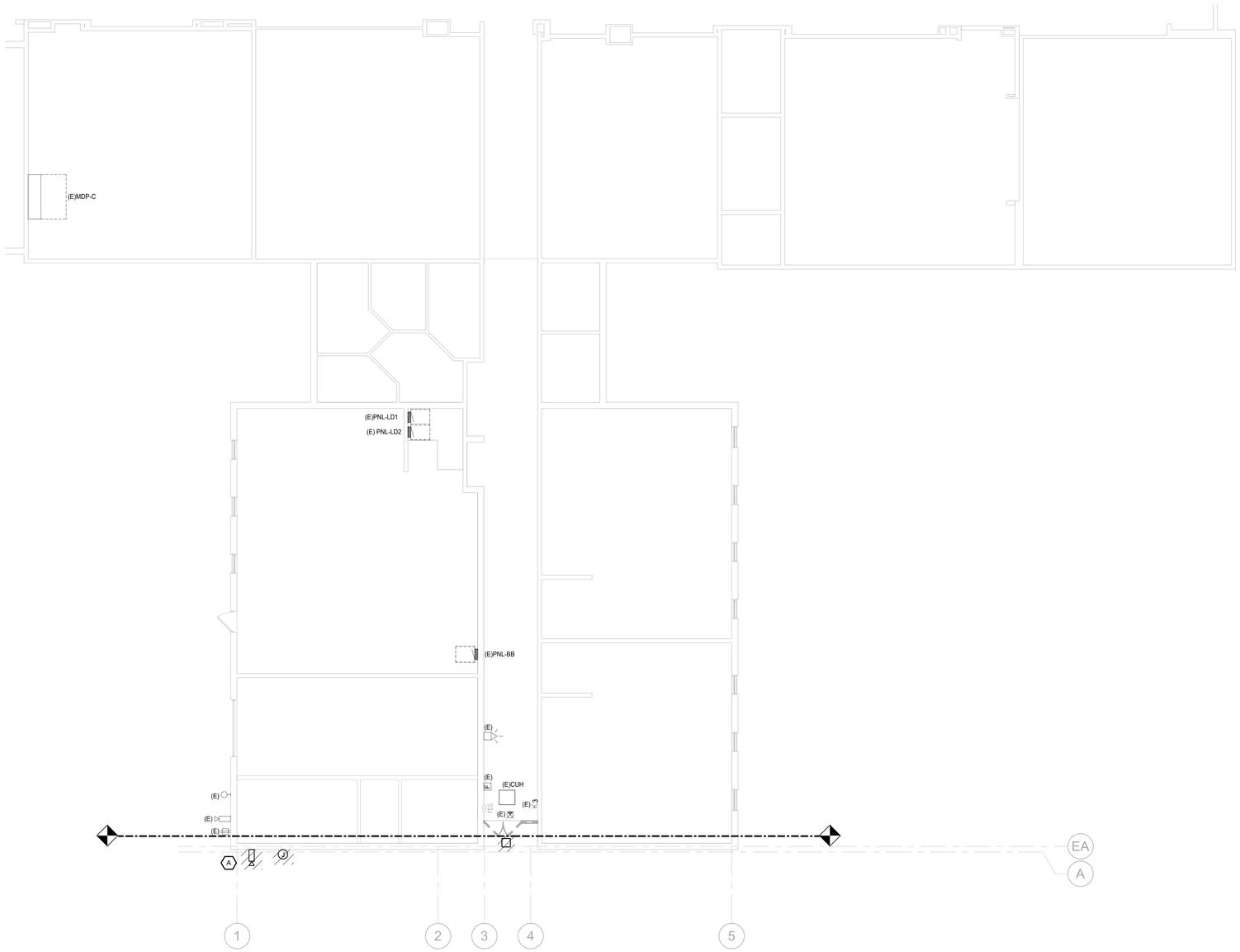
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CHECKED	STP
APPROVED	STP

PROJECT NO.
25023D

DRAWING NO.
E0.3

Autodesk Docs://25023D_Wylie ES Classroom Addition/2025-0323_MEP_Wylie ES Addition_v25.rvt
2/5/2026 11:03:20 AM Autodesk Docs://25023D_Wylie ES Classroom Addition/2025-0323_MEP_Wylie ES Addition_v25.rvt

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



1 **FIRST FLOOR ELECTRICAL DEMOLITION PLAN - ZONE 'E'**
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 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 CAMERA AND TURN BACK TO OWNER.

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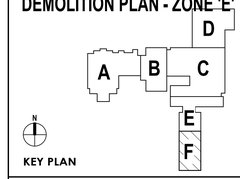
PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL ELECTRICAL DEMOLITION PLAN - ZONE 'E'



KEY PLAN

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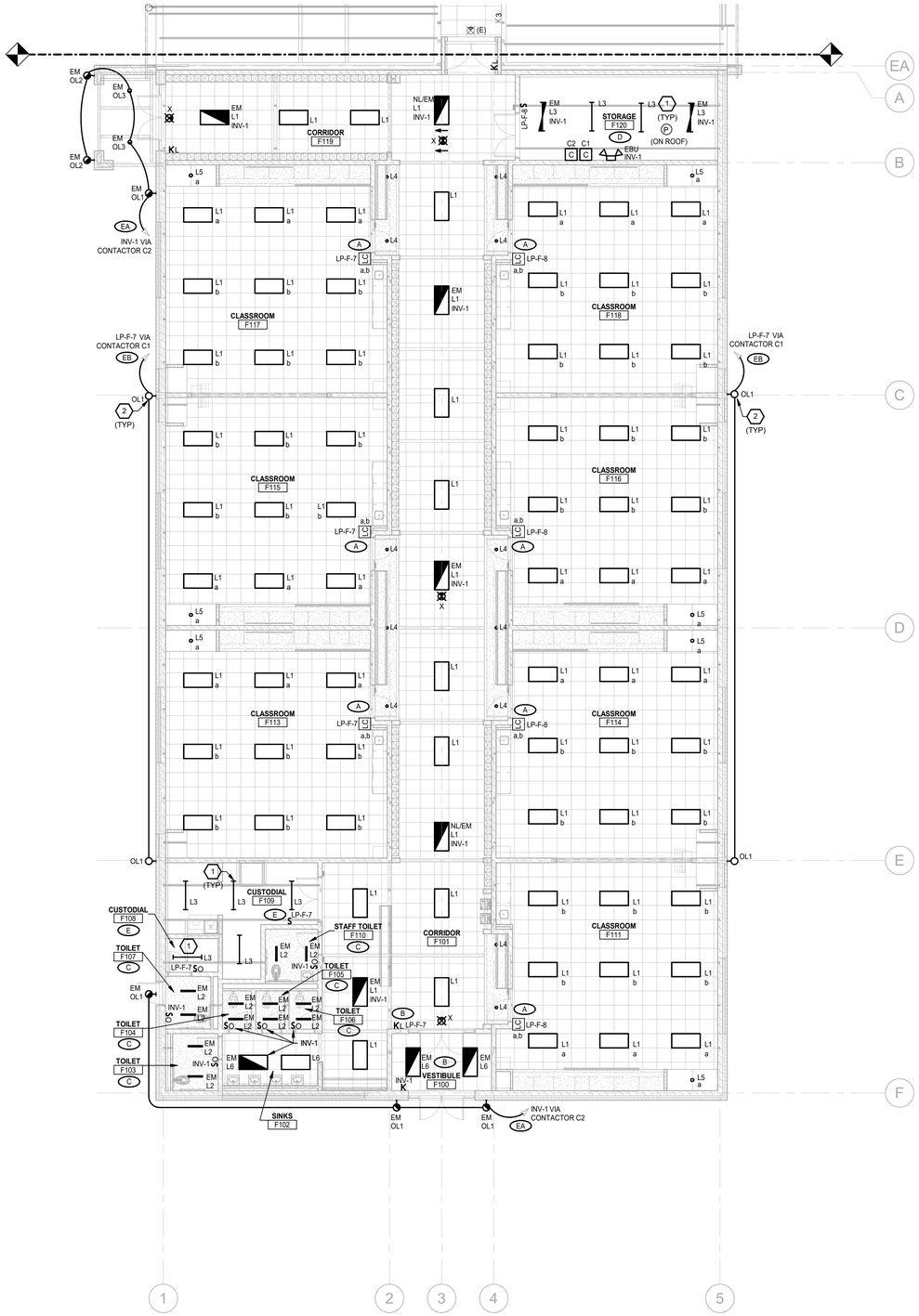
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DRAWING NO.
ED1.1E

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FIRST FLOOR 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 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.

9 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

10 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

11 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

12 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 PENDANT MOUNT LIGHT FIXTURE AT 10'-0"A.F.F. UNLESS OTHERWISE NOTED.

2 EXTERIOR LIGHT FIXTURES TO BE WALL MOUNTED AT 8' A.F.F.

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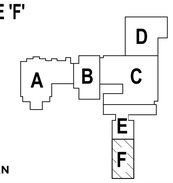
PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL LIGHTING PLAN - ZONE 'F'



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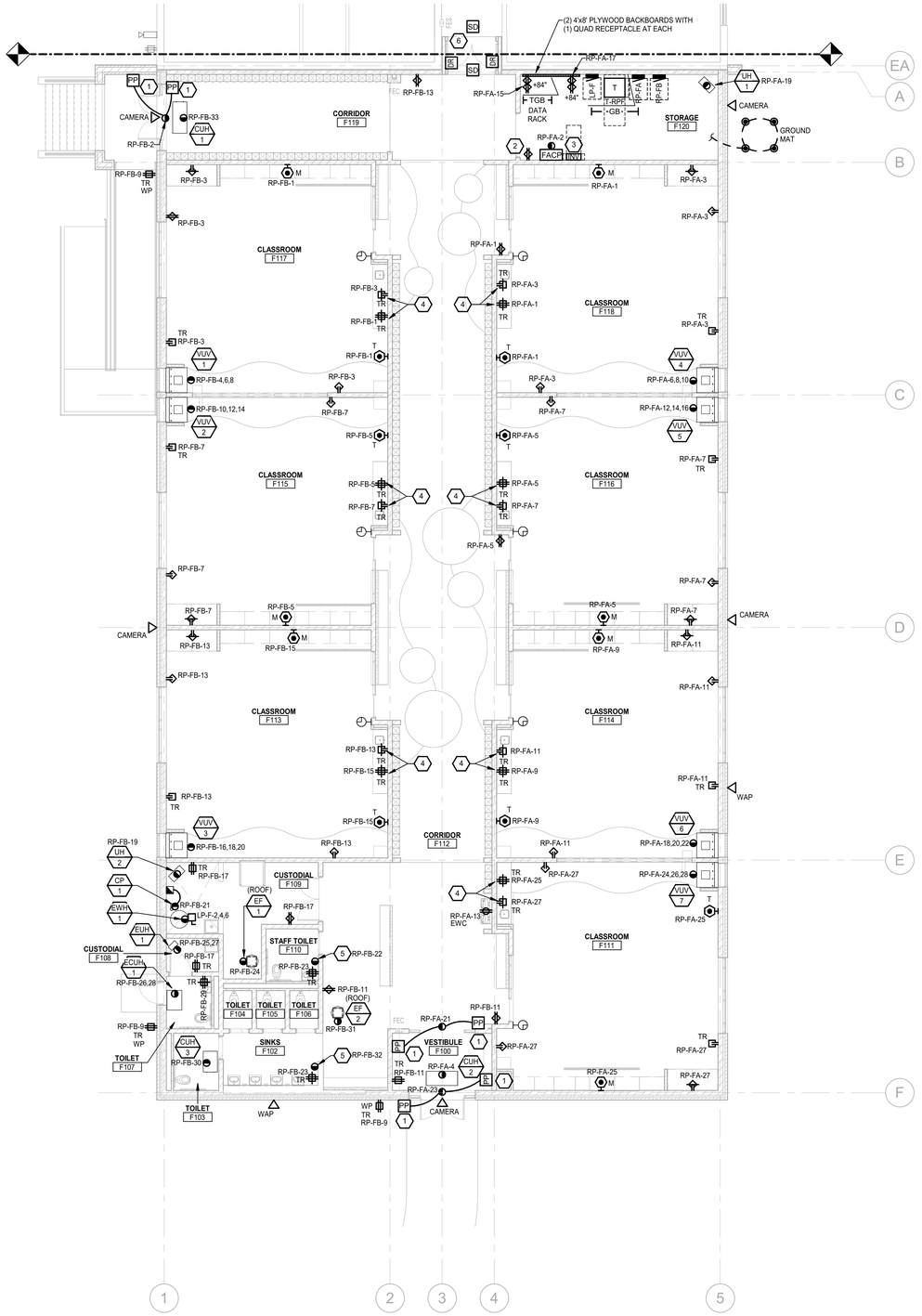
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A/V, SECURITY & TELECOMMUNICATIONS SCHEDULE

SYMBOL	DESCRIPTION
M	WALL MOUNTED MONITOR. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
T	(1) QUAD RECEPTACLE ADJACENT TO LOWER TECHNOLOGY OUTLET. ONE DUPLEX RECEPTACLE OF QUAD RECEPTACLE TO BE CONTROLLED.
▽	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.

FIRST FLOOR POWER AND AUXILIARY SYSTEMS PLAN - ZONE 'F'

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

EACH INTERIOR AND EXTERIOR DOOR IN ENTIRE BUILDING HAS ACCESS CONTROL REQUIREMENTS. REFER TO TC SERIES FOR BOX AND RACEWAY REQUIRES AND INSTALLATION DETAILS.

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 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.

9 REFER TO TEMPERATURE CONTROLS SHEETS FOR REQUIRED FIRE ALARM CONTROL MODULES, DUCT SMOKE DETECTORS, AND MOTOR CONTROLLERS. PROVIDE ALL ACCESSORIES INDICATED.

10 REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

11 CONNECT EXIT SIGNS AND NIGHT LIGHTS TO EMERGENCY LIGHTING BRANCH CIRCUIT SERVING THE AREA. CONNECT AHEAD OF ANY LIGHTING CONTROL DEVICE OR SYSTEM.

12 PROVIDE TAMPER-RESISTANT TYPE RECEPTACLES FOR ALL NEW RECEPTACLES.

(#) CONSTRUCTION KEY NOTES:

1 PUSH PAD FOR AUTOMATIC DOORS. ALL DOOR AND PUSH PAD HARDWARE IS PROVIDED BY DOOR CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL PUSH PADS AND PROVIDE CONDUIT AND WIRE FOR COMPLETE OPERATION. COORDINATE WITH DOOR CONTRACTOR. PUSH PAD BACK BOX IS DOUBLE GANG.

2 SERVE FROM AVAILABLE 120V CIRCUIT IN EXISTING PANEL BB.

3 PROVIDE 2.2KVA CENTRAL BATTERY INVERTER, 277V INPUT / 277V OUTPUT, (2) NORMAL ON 277V, 20A OUTPUT CIRCUIT BREAKERS.

4 MOUNT RECEPTACLES HORIZONTALLY ON BACKSPLASH AT APPROXIMATELY 38" A.F.F. TO CENTER OF BOX.

5 ELECTRIC HAND DRYER FURNISHED BY OTHERS, INSTALLED BY ELECTRICAL CONTRACTOR. FIELD COORDINATE MOUNTING HEIGHT WITH ARCHITECT.

6 ELECTRICAL CONTRACTOR SHALL PROVIDE FIRE ALARM CONTROL MODULES AND SMOKE DETECTORS FOR DOOR RELEASE. COORDINATE MOUNTING WITH FIELD CONDITIONS. WIRE TO FIRE ALARM PANEL SO THAT UPON SYSTEM ALARM, DOOR WILL CLOSE. INSTALL SMOKE DETECTORS WITHIN 5'-0" OF CENTER OF DOORS.

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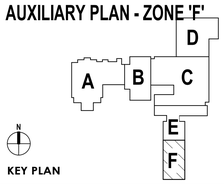
PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

FIRST LEVEL POWER AND AUXILIARY PLAN - ZONE 'F'



KEY PLAN

ISSUE DATES

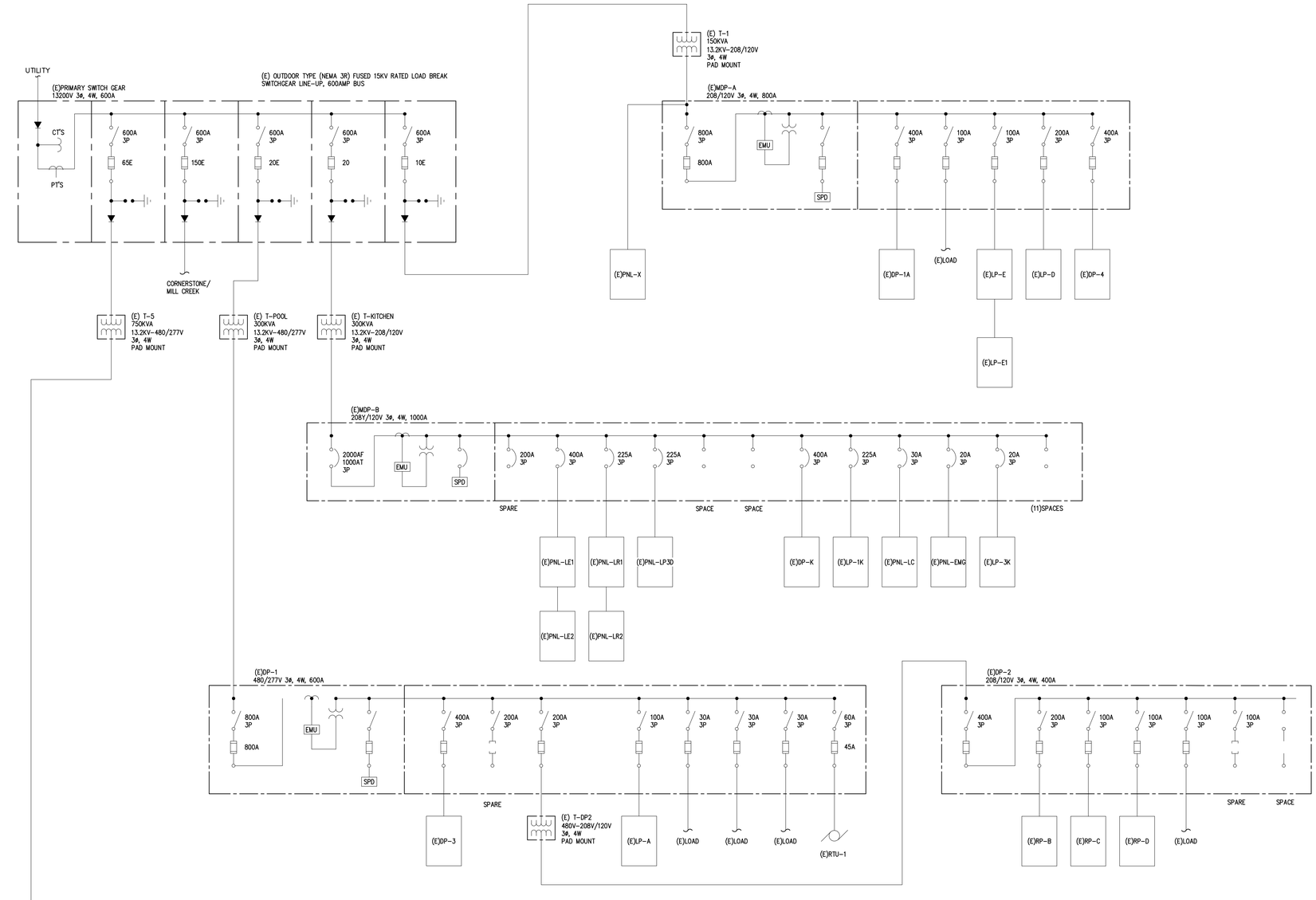
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(E)MDP-C	
CONNECTED LOAD (KVA):	193.58
ADDED LOAD (KVA):	
LP-F	34.82
CALCULATED LOAD	
TOTAL (KVA):	228.40
TOTAL (AMPS):	275
FEEDER AND OVERCURRENT SIZING	
TOTAL (AMPS):	276

FAULT POINT	PANEL/ TRANSFORMER	Isc
1	UTILITY XFMR (E)T-5	15,689
2	(E)MDP-C	15,178
3	LP-F	5,721
4	T-RPF PRIMARY	5,257
5	T-RPF SECONDARY	3,645
6	RP-FA	3,457
7	RP-FB	3,457

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.

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ONE LINE DIAGRAM

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PANELBOARD LP-F

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A		B		C		CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
					18519	2080									
1	Spare; C, R, M, N,														2
3		T-RPF		125			18407	2080			20		EWH-1 - F109	M	4
5									14099	2080					6
7	L	LTG - AREA F WEST SIDE		20	1718	1460					20		LTG - AREA F EAST SIDE	L	8
9	--	SPARE	--	20			0	758			15		INVENTER INV	L	10
11	--	SPARE	--	20					0	0	20	--	SPARE	--	12
13	--	SPARE	--	20	0	0					20	--	SPARE	--	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
					23777		21245		16179						
					ØA		ØB		ØC						

PANELBOARD INFORMATION		BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD		FEEDER AND OCPD SIZING	NOTES
VOLTAGE:	480Y/277V	CONTINUOUS LOAD (C):	1000	100%	1000	125%	1250	
BUS AMPACITY:	225A	ELECTRIC HEAT (E)	3600	100%	3600	100%	3600	
MAIN TYPE:	MLO	NON-CONTINUOUS LOAD (NC):	1500	100%	1500	100%	1500	
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):	4040	50%	2020	100%	2020	
		LIGHTING LOAD (L):	3937.2	100%	3937.2	125%	4921.5	
		ADDITIONAL TRACK LIGHTING LOAD:				100%	0	
		MOTORS, HIGHEST LOAD (M):	6240	125 %	7800	100%	7800	
PANELBOARD LOCATION		MOTORS, REMAINING	30884	100 %	30884	100 %	30884	
		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	60.74			
				TOTAL (AMPS):	73.06	TOTAL (AMPS):	74.54	

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PANELBOARD RP-FA

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A		B		C		CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	R	RECEPT - F118, CORRIDOR		20	900	1000					20	LOD	FACP	C	2
3	R	CONTROLLED RECEPT. - F118		20			900	696			15		CUH-2 - VESTIBULE F100	M	4
5	R	RECEPT - F116		20					900	1087					6
7	R	CONTROLLED RECEPT. - F116		20	900	1087					20		VUV-4 - F118	M	8
9	R	RECEPT - F114		20			720	1087							10
11	R	CONTROLLED RECEPT. - F114		20					900	1087					12
13	NC	WATER COOLER - CORR. F112	GFCI	20	500	1087					20		VUV-5 - F116	M	14
15	NC	RECEPT - DATA RACK - F120		20			500	1087							16
17	NC	RECEPT - DATA RACK - F120		20					500	1087					18
19	M	UH-1 - STORAGE F120		15	156	1087					20		VUV-6 - F114	M	20
21	M	AUTOMATIC DOOR - F100		20			700	1087							22
23	M	AUTOMATIC DOOR - F100		20					700	1087					24
25	R	RECEPT - F111		20	720	1087					20		VUV-7 - F111	M	26
27	R	CONTROLLED RECEPT. - F111		20			900	1087							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
					8523		8763		7347						
					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:	225A	ELECTRIC HEAT (E)	0	100%	0	100%	0	
MAIN TYPE:	200A MCB	NON-CONTINUOUS LOAD (NC):	1500	100%	1500	100%	1500	
MINIMUM A.I.C.:	10,000	KITCHEN LOAD (K):	0		0	100%	0	
MOUNTING:	SURFACE	RECEPT BASE LOAD (R):	6840	100%	6840	100%	6840	
		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):	3260	125 %	4075	100%	4075	
PANELBOARD LOCATION		MOTORS, REMAINING	12032	100 %	12032	100 %	12032	
STORAGE F120		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	25.45			
				TOTAL (AMPS):	70.63	TOTAL (AMPS):	71.33	

DOUBLE LUGS

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PANELBOARD RP-FB

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	A		B		C		CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	R	RECEPT - F117		20	720	700					20		AUTOMATIC DOOR - F119	M	2
3	R	CONTROLLED RECEPT - F117		20			900	1087							4
5	R	RECEPT - F115		20					720	1087	20		VUV-1 - F117	M	6
7	R	CONTROLLED RECEPT - F115		20	900	1087									8
9	R	RECEPT - OUTDOOR		20			540	1087							10
11	R	RECEPT - F100, CORRIDOR		20					540	1087	20		VUV-2 - F115	M	12
13	R	CONTROLLED RECEPT - F113		20	1080	1087									14
15	R	RECEPT - F113		20			720	1087							16
17	R	RECEPT - CUSTODIAL F108, F109		20					540	1087	20		VUV-3 - F113	M	18
19	M	UH-2 - F109		15	156	1087									20
21	M	CP-1 - F109		15			528	1200			20		HAND DRYER - TOILET F110	M	22
23	R	RECEPT- TOILET F102, F110		20					360	456	15		EF-1 - F109	M	24
25	E	EUH-1 - F108		20	900	900					20		ECUH-1 - F107	E	26
27							900	900							28
29	R	RECEPT - TOILET F107		20					180	696	15		CUH-3 - TOILET F103	M	30
31	M	EF-2 - F112		15	180	1200					20		HAND DRYER - SINKS F102	M	32
33	M	CUH-1 - CORRIDOR F112		15			696	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
					9996		9644		6752						
					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)	3600	100%	3600	100%	3600	
MAIN TYPE:	200A MCB	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):	7200	100%	7200	100%	7200	
		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):	3260	125 %	4075	100%	4075	
PANELBOARD LOCATION		MOTORS, REMAINING	12332	100 %	12332	100 %	12332	
STORAG F120		NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD		TOTAL (kVA):	27.21			
				TOTAL (AMPS):	75.52	TOTAL (AMPS):	75.52	

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PBA Project No.: 2025.0323

PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

PANEL SCHEDULES

KEY PLAN

ISSUE DATES

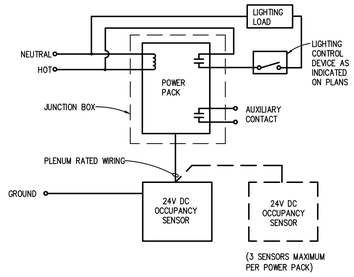
DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25023D

DRAWING NO.
E5.2

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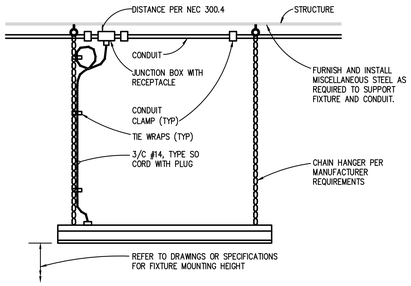


OCCUPANCY SENSOR WIRING DIAGRAM

NO SCALE

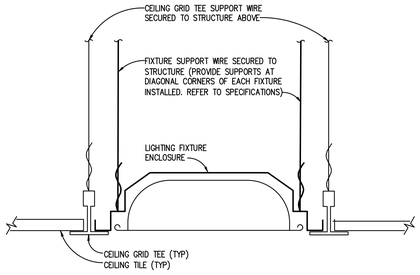
NOTES:

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.



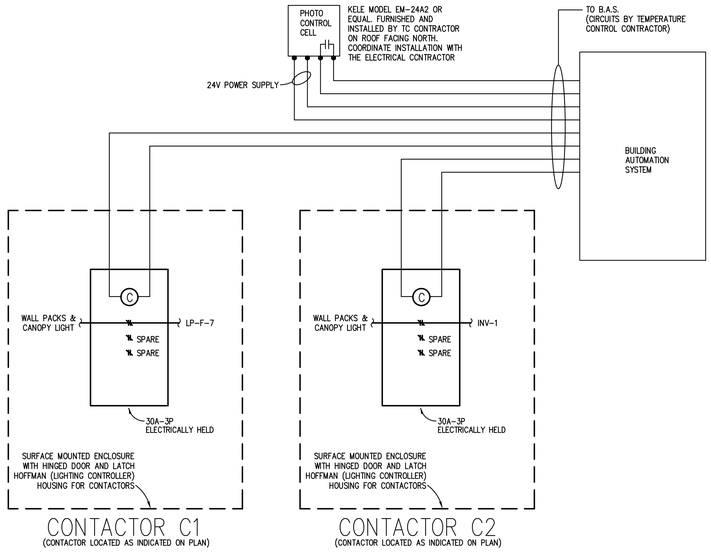
TYPICAL MOUNTING DETAIL FOR CHAIN HUNG LIGHTING FIXTURES

NO SCALE



RECESSED LIGHTING FIXTURE INSTALLATION DETAIL

NO SCALE

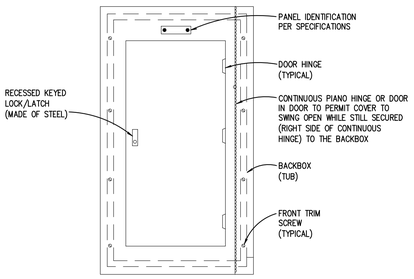


LIGHTING CONTROLLER DETAIL

NO SCALE

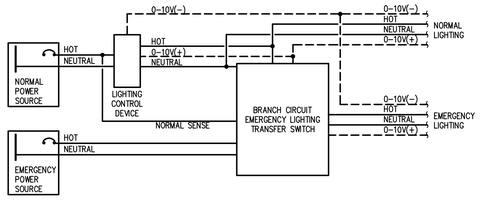
NOTES

1. PROGRAM B.A.S. SYSTEM TIME SCHEDULE PER THE OWNER'S DIRECTION
2. PHOTO CELL SHALL CONTROL EXTERIOR LIGHTING VIA THE B.A.S. SYSTEM CONTROLS.



PANELBOARD FRONT COVER DETAIL

NO SCALE

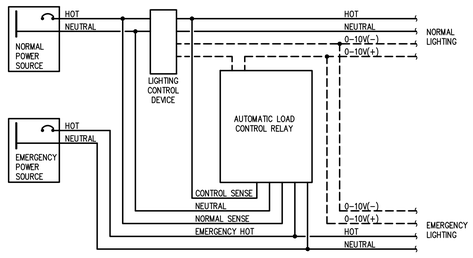


BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH FOR 0-10V DIMMING

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.

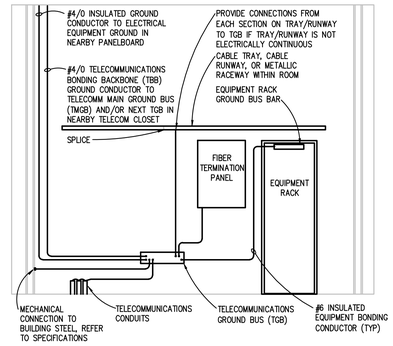


AUTOMATIC LOAD CONTROL RELAY FOR 0-10V DIMMING

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.



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.

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PBA Project No.: 2025.0323

PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

ELECTRICAL DETAILS AND DIAGRAMS

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

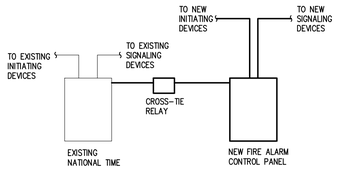
PROJECT NO.

25023D

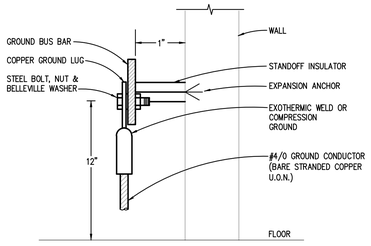
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E7.1

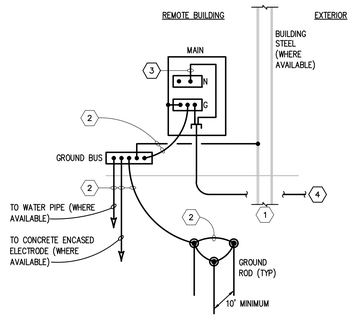
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FIRE ALRM CROSS-TIE RELAY
NO SCALE



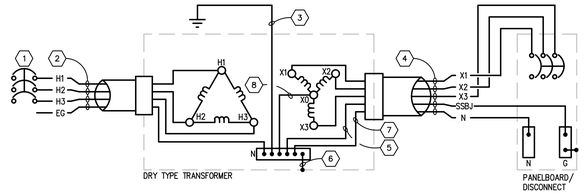
GROUND BUS DETAIL
NO SCALE



REMOTE BUILDING GROUNDING
NO SCALE

(#) KEYED NOTES:

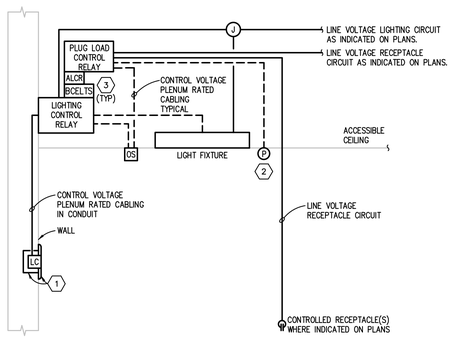
1. METAL IN-GROUND SUPPORT STRUCTURE IN DIRECT CONTACT WITH EARTH VERTICALLY FOR A MINIMUM OF 10FT, WHERE AVAILABLE.
2. GROUNDING ELECTRODE CONDUCTOR, #4/0 COPPER.
3. GROUNDED CONDUCTOR (NEUTRAL), SEE ONE LINE DIAGRAM.
4. PHASE CONDUCTORS, GROUNDED CONDUCTOR (NEUTRAL), AND EQUIPMENT GROUNDING CONDUCTOR IN CONDUIT TO MAIN BUILDING. SEE ONE LINE DIAGRAM.



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.



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.

| | | SYSTEM OUTPUTS | | |

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)	TIME-CLOCK SCHEDULE		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)		ON	OFF				
A	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	NA	NA	N/A	N/A	YES	PARTITION CONTACT
B	CORRIDOR (ALL OTHER CORRIDORS)	WIRED	STANDALONE	ON-OFF	NA	SENSOR	SENSOR	ULTRASONIC	FULL 100%	N/A	N/A	N/A	N/A	N/A	N/A	20	NA	NA	N/A	ALCR	N/A	CORRIDOR OPTIMIZED OCCUPANCY SENSOR
C	RESTROOM (ALL OTHER RESTROOMS)	WIRED	STANDALONE	ON-OFF	NA	SENSOR	SENSOR	PASSIVE INFRARED	FULL 100%	N/A	N/A	N/A	N/A	N/A	N/A	20	NA	NA	N/A	BCELTS	N/A	
D	ELECTRICAL/MECHANICAL ROOM	WIRED	STANDALONE	ON-OFF	NA	MANUAL	MANUAL	N/A	FULL 100%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	N/A	ALCR	N/A	
E	STORAGE ROOM (>50 SQFT AND ≤ 1000 SQFT)	WIRED	STANDALONE	ON-OFF	NA	MANUAL	SENSOR	ULTRASONIC	FULL 100%	N/A	N/A	N/A	N/A	N/A	N/A	20	NA	NA	N/A	N/A	N/A	

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).

N/A = NOT APPLICABLE

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EXTERIOR LIGHTING CONTROL SCHEDULE

LIGHTING CONTROL DESIGNATION	EXTERIOR LOCATION	SYSTEM CONFIGURATION		CONTROL		PHOTOCELL LOCATION	NO DETECTION FULL OFF (MIN)	TIME-CLOCK / BMS SCHEDULE		EMERGENCY LIGHTING CIRCUIT CONTROL	NOTES
		TYPE		ON	OFF			ON	OFF		
EA	BUILDING ENTRANCE / EGRESS	WIRED	STANDALONE	PHOTOCELL AND BMS	PHOTOCELL AND BMS	CENTRAL	N/A	COORDINATE WITH OWNER	COORDINATE WITH OWNER	BCELTS	BMS INTEGRATION
EB	BUILDING FAÇADE	WIRED	STANDALONE	PHOTOCELL AND BMS	PHOTOCELL AND BMS	CENTRAL	N/A	COORDINATE WITH OWNER	COORDINATE WITH OWNER	BCELTS	BMS INTEGRATION

NOTE:
1. PROVIDE EMERGENCY LIGHTING CIRCUIT CONTROL (BCELTS OR ALCR) PER SWITCHING CIRCUIT AS REQUIRED.
2. CONTRACTOR SHALL PROVIDE PLAN INDICATING SENSOR AND EQUIPMENT LOCATIONS OF CHOSEN CONTROL SYSTEM.
3. REFER TO LUMINAIRE SCHEDULE FOR FIXTURE CHARACTERISTICS.
4. PROVIDE WIRING CONTROL DIAGRAM FOR APPLICABLE CONTROL SYSTEM(S).

N/A = NOT APPLICABLE

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER(S)	WATTAGE	VOLTAGE	LIGHT CHARACTERISTICS	CONTROLS	REMARKS
L1	2'X4' RECESSED FLAT PANEL LIGHT FIXTURE: ALUMINUM BEZEL, STEEL BACKING AND WHITE FROST ACRYLIC DIFFUSER. INCLUDES INTEGRAL T-BAR CLIPS FOR INSTALLATION INTO T-GRID CEILING.	1.LITHONIA CPX SERIES 2. METALUX CGTX SERIES 3. COLUMBIA CBT SERIES	40	MVOLT	5000L, 80 CRI, 5000K	0-10V DIMMING	CIRCUIT FIXTURE TO INVERTER FOR FIXTURES WITH EM DESIGNATION
L2	2" WIDE LINEAR LED LIGHT FIXTURE: RECESSED,EXTRUDED ALUMINUM WITH ACRYLIC LENS, WITH BATWING OPTICS.	1.AXIS LIGHTING BEAM 2 SERIES 2. LUMENWERX VIA 2 SERIES 3. NULITE REGOLO 2 SERIES	7.5W/FT	MVOLT	750L/FT, 80 CRI, 5000K	0-10V DIMMING	CIRCUIT FIXTURE TO INVERTER FOR FIXTURES WITH EM DESIGNATION
L3	4' CHAIN HUNG, LED STRIP LIGHT FIXTURE: STEEL HOUSING PAINTED AFTER FABRICATION. FROSTED LENS. FIXTURE SHALL BE WHITE	1. METALUX SNX LENSED SERIES 2. LITHONIA CLX SERIES 3. COLUMBIA LCL LED SERIES	41.5	MVOLT	5000L, 80CRI 5000K	0-10V DIMMING	CIRCUIT FIXTURE TO INVERTER FOR FIXTURES WITH EM DESIGNATION
L4	4" DIAMETER RECESSED DOWNLIGHT LIGHT FIXTURE: VENTILATED DIE CAST ALUMINUM HEAT SINK, SELF FLANGED WHITE TRIM RING WITH SEMI-SPECULAR REFLECTOR, DIFFUSED LENS WIDE DISTRIBUTION.	1. GOTHAM IVO SERIES 2. MAXILUME HH4 LED SERIES 3.PORTFOLIO LD4C SERIES	10	MVOLT	1000L, 80CRI, 5000K	0-10V DIMMING	CIRCUIT FIXTURE TO INVERTER FOR FIXTURES WITH EM DESIGNATION
L5	5" DIAMETER RECESSED DOWNLIGHT FIXTURE: J-BOX MOUNTED PUCK, SLIMFORM, WHITE FINISH	1.JUNO JSF SERIES 2.HALO SMD4 SERIES 3. PRESCOLITE LBSE-RD SERIES	9.2	MVOLT	700L, 80CRI, 5000K	0-10V DIMMING	CIRCUIT FIXTURE TO INVERTER FOR FIXTURES WITH EM DESIGNATION
L6	2'X4' RECESSED FLAT PANEL LIGHT FIXTURE: ALUMINUM BEZEL, STEEL BACKING AND WHITE FROST ACRYLIC DIFFUSER. INCLUDES INTEGRAL T-BAR CLIPS FOR INSTALLATION INTO T-GRID CEILING.	1.LITHONIA CPX SERIES 2. METALUX CGTX SERIES 3. COLUMBIA CBT SERIES	24.6	MVOLT	3000L, 80 CRI, 5000K	0-10V DIMMING	CIRCUIT FIXTURE TO INVERTER FOR FIXTURES WITH EM DESIGNATION
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. FULL 5 YEAR WARRANTY.	1.EVENLITE TELESIS TLX SERIES 2. COMPASS CE SERIES 3.SURE LITES-LPX SERIES	2	MVOLT	RED LETTERING	N/A	CIRCUIT FIXTURE TO INVERTER
EBU	LED EMERGENCY LIGHT: IMPACT RESISTANT THERMOPLASTIC HOUSING , SELF CONTAINED SEALED, MAINTANANCE FREE BATTERY WITH INTEGRAL TEST SWITCH.	1. LITHONIA EU2C SERIES 2.ISOLITE BUG SERIES 3.MAXILUME ELM-LED-804 SERIES	1.8	MVOLT	(2) LED HEADS		
OL1	LED ARCHITECTRAL EXTERIOR WALL PACK FIXTURE: WEATHER PROOF RATING, P2 PACKAGE, VISUAL COMFORT DISTRIBUTION, DUAL SWITCHING OPTION	1.LITHONIA WDGE1 SERIES 2.BEACON PATIO WALL RWL1-RWL2 SERIES 3.SPITZER LIGHTING PEAK JR SERIES	15	MVOLT	2000L,80CRI, 5000K		CIRCUIT FIXTURE TO INVERTER FOR FIXTURES WITH EM DESIGNATION. PROVIDE DUAL SWITCHING
OL2	LED ARCHITECTRAL EXTERIOR WALL PACK FIXTURE: WEATHER PROOF RATING, P4 PACKAGE, VISUAL COMFORT FORWARD THROW DISTRIBUTION,	1.LITHONIA WDGE2 SERIES 2.BEACON PATIO WALL RWL1-RWL2 SERIES 3.SPITZER LIGHTING PEAK JR SERIES	35	MVOLT	4000L,80CRI, 5000K		CIRCUIT FIXTURE TO INVERTER FOR FIXTURES WITH EM DESIGNATION
OL3	6" ROUND LED DOWNLIGHT FIXTURE: RECESSED IN OUTDOOR CANOPY, VANDAL-RESISTANT, WET LOCATION COVERED CEILING RATED. SELF FLANGED WHITE TRIM RING WITH SEMI-SPECULAR REFLECTOR, DIFFUSED LENS, WIDE DISTRIBUTION	1.GOTHAM , IVO VR SERIES 2.LUMINAIRE LED VRDL6 3.MAXILUME HL6-IP-VR-LED SERIES	6	MVOLT	500L,80CRI, 5000K		CIRCUIT FIXTURE TO INVERTER FOR FIXTURES WITH EM DESIGNATION

GENERAL NOTES:
1. WATTAGE LISTED IS FROM THE BASIS OF DESIGN MANUFACTURER.
2. FINISH TO BE APPROVED BY INTERIOR DESIGNER, ARCHITECT OR CLIENT.
3. ALL LUMINAIRES TO BE AS SPECIFIED OR EQUAL APPROVED BY PBA AND/OR ILLUMINARTPRIOR TO BIDS
4.REFER TO ARCHITECTURAL FOR CEILING TYPES.

G:\2025\2025-0323-00\CAD\2025-0323-E7-Std.dwg, E7.3, 2/5/2026 4:46:38 PM, Alexandra A. Muncey, None .0.09448, Peter Basso Associates Inc.

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PBA Project No.: 2025.0323

PROJECT TITLE

Wylie Elementary School Classroom Addition

Dexter Community Schools
Dexter, MI

DRAWING TITLE

LIGHTING SCHEDULES

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS
01-21-2026	90% CD REVIEW
12-04-2025	DESIGN DEVELOPMENT

DRAWN	DMN
CHECKED	STP
APPROVED	STP

PROJECT NO.
25023D

DRAWING NO.
E7.3

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

ABBREVIATIONS

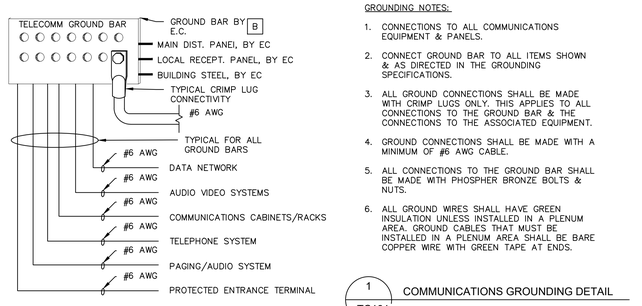
ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
2G	TWO-GANG BOX - PROVIDED BY EC	NIC	NOT IN CONTRACT
AC	ABOVE COUNTER - INSTALL BACKBOX SAME HEIGHT AS OTHER ELECTRICAL OUTLETS ABOVE THE COUNTER.	PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR	PCO-1	PATCH CORD ORGANIZER - 1 UNIT HIGH
AFG	ABOVE FINISHED GROUND	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	WALL MOUNT CABINET. SIZE AS PER DETAILS. INCLUDE PLEXIGLAS FRONT DOOR, FAN ASSEMBLY AND 6-POSITION, RACK MOUNTED POWER STRIP. 48" TALL	HOFFMAN	EWMWG482425
B	TELECOMMUNICATIONS GROUND BAR (TGB). 1/4"x4"x10" EQUIPPED WITH INSULATED STAND-OFFS.	HUBBELL	HBBB14210A
C	SINGLE RACK UNIT PATCH CORD ORGANIZER (PCO-1) WITH HINGED COVER.	HUBBELL	HS13C
D	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
E	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
F	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

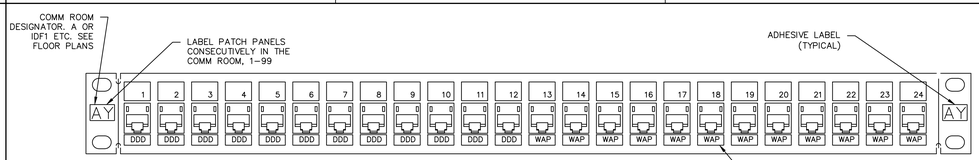
MARK	DESCRIPTION	MANUFACTURER	PART NO.
1	CAT-6 UTP CABLES FOR DATA COMMUNICATIONS SHALL BE BLUE IN COLOR	MOHAWK	M58281
2	CAT-6 UTP CABLES FOR SECURITY CAMERAS SHALL BE GREEN IN COLOR	MOHAWK	M58286
3	CAT-6A UTP CABLES FOR WIRELESS ACCESS POINTS SHALL BE YELLOW IN COLOR	MOHAWK	M59148
4	CAT-6 UTP CABLES 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



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.

1 / TC101 — COMMUNICATIONS GROUNDING DETAIL



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

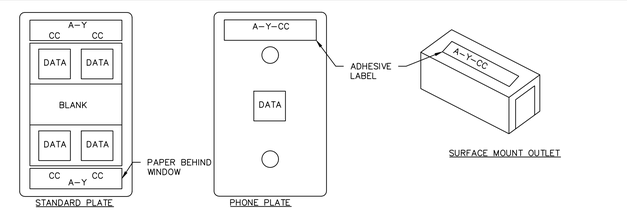
DATA CABLE LABELING A-Y-CC

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

4 / TC101 — CAMERA OR WIRELESS PANEL LABELING



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

2 / TC101 — TYPICAL FACEPLATE LABELING

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.

5 / TC101 — CAT-6 DATA PANEL LABELING

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

3 / TC101 — TYPICAL CABLE LABELING AT FACEPLATE & PATCH PANEL

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PROJECT TITLE

WYLIE ELEMENTARY CLASSROOM ADDITION

Dexter Community School District

DRAWING TITLE

TECHNOLOGY LEGENDS SCHEDUILES & DETAILS

ISSUE DATES

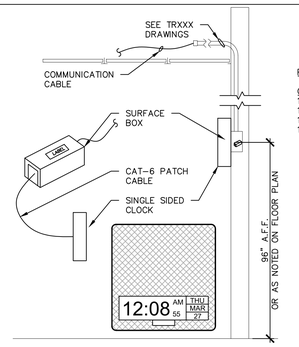
02-06-26	CONSTRUCTION DOCUMENTS
DATE:	ISSUED FOR:
DRAWN	JMS
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25023D

DRAWING NO.

TC101



5

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

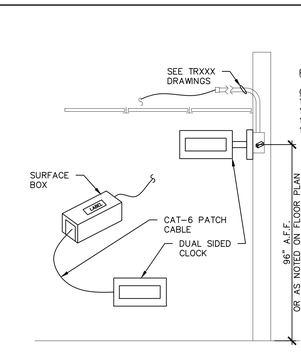
CLOCK/SPEAKER

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

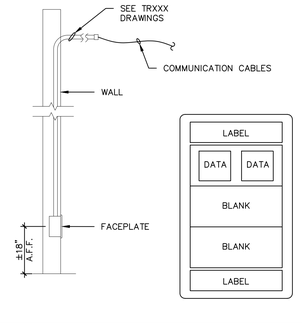


6

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-DD

WALL MOUNTED DUAL SIDED CLOCK

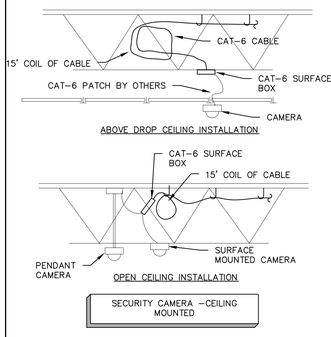
6 CONNECTIVITY CODE
TC102



1

PARTS		CONNECTIVITY CODE	
QTY	DESCRIPTION	MANUFACTURER	PART #
1	FACEPLATE	HUBBELL	IMF10W
2	CAT-6 CABLES	MOHAWK	M58281
2	CAT-6 JACK	HUBBELL	HXJ60W
1	TWO-HOLE KEYSTONE	HUBBELL	IM2K10W
2	1 UNIT BLANK	HUBBELL	IMB10W

1 CONNECTIVITY CODE
TC102



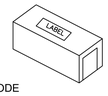
SECURITY CAMERA -CEILING MOUNTED

7

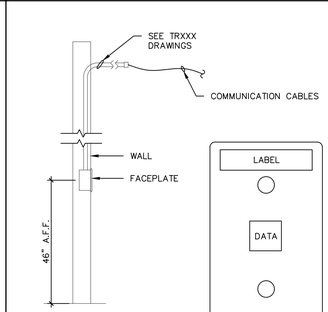
PARTS		CONNECTIVITY CODE	
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES-GREEN	MOHAWK	M58286
1	CAT-6 JACK	HUBBELL	HXJ6GN

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE BUILDING STRUCTURE NEAR THE SECURITY CAMERA LOCATION.
2. SEE FLOORPLAN FOR LOCATION.
3. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR TYPE



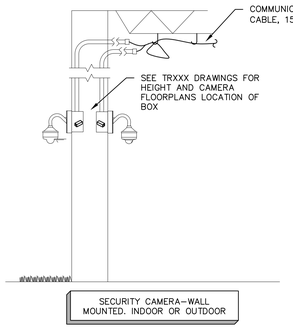
7 CONNECTIVITY CODE
TC102



2

PARTS		CONNECTIVITY CODE	
QTY	DESCRIPTION	MANUFACTURER	PART #
1	CAT-6 CABLE	MOHAWK	M58281
1	CAT-6 JACK	HUBBELL	HXJ60W
1	TELEPHONE PLATE	HUBBELL	SP6F

2 CONNECTIVITY CODE
TC102



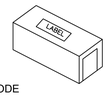
SECURITY CAMERA-WALL MOUNTED. INDOOR OR OUTDOOR

8

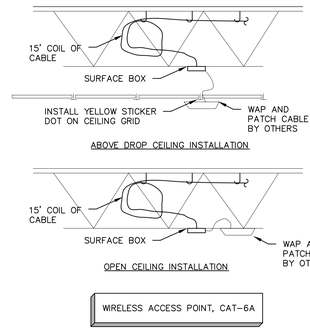
PARTS		CONNECTIVITY CODE	
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES-GREEN	MOHAWK	M58286
1	CAT-6 JACK	HUBBELL	HXJ6GN

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.



8 CONNECTIVITY CODE
TC102



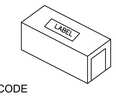
WIRELESS ACCESS POINT, CAT-6A

3

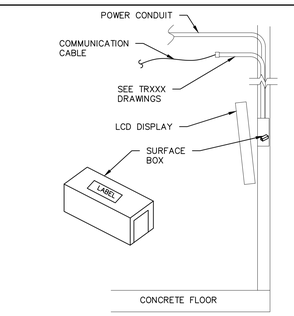
PARTS		CONNECTIVITY CODE	
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6A CABLES-YELLOW	MOHAWK	M59148
1	CAT-6A JACK	HUBBELL	HJ6AY

INSTALLATION NOTES:

1. PROVIDE A SURFACE MOUNT BOX TO THE BUILDING STRUCTURE NEAR THE ACCESS POINT LOCATION.
2. 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.



3 CONNECTIVITY CODE
TC102



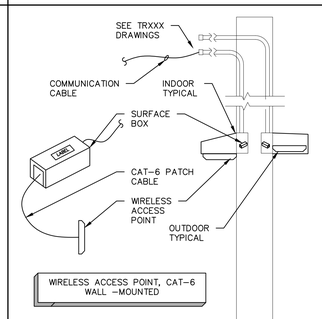
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PARTS		CONNECTIVITY CODE	
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6 CABLES	MOHAWK	M58281
1	CAT-6 JACK	HUBBELL	HXJ60W

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.

9 CONNECTIVITY CODE
TC102



WIRELESS ACCESS POINT, CAT-6 WALL -MOUNTED

4

PARTS		CONNECTIVITY CODE	
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB10W
1	CAT-6A CABLES-YELLOW	MOHAWK	M59148
1	CAT-6 JACK	HUBBELL	HXJ6Y

4 CONNECTIVITY CODE
TC102

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PROJECT TITLE

WYLIE ELEMENTARY CLASSROOM ADDITION

Dexter Community School District

DRAWING TITLE

CABLING CONNECTIVITY CODES

ISSUE DATES

02-06-26	CONSTRUCTION DOCUMENTS

DATE:	ISSUED FOR:
DRAWN	JMS
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

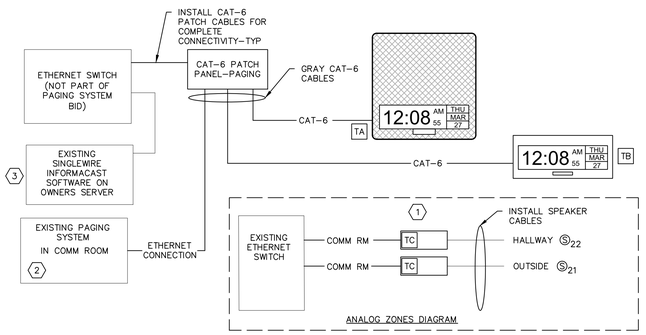
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DRAWING NO.

TC102

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.



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.

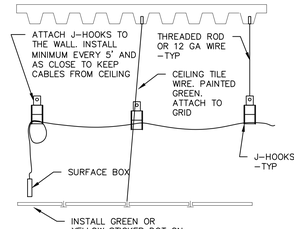
8 TC103 — AUDIO PAGING AND CLOCK SYSTEM NETWORK ATTACHED. SYSTEM DIAGRAM

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

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

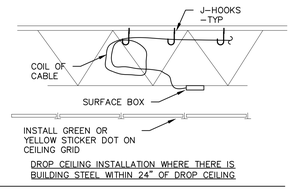


INSTALL CABLING WITH SUPPORT FROM THE CEILING

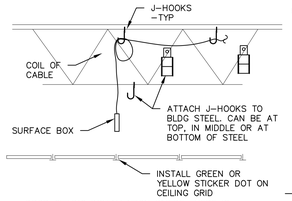
INSTALLATION NOTES:

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.

5 TC103 — DATA CABLE DROP CEILING CABLE SUPPPORT. TYPICAL



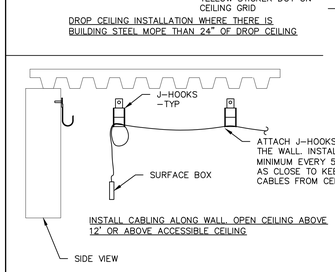
DROP CEILING INSTALLATION WHERE THERE IS BUILDING STEEL WITHIN 24" OF DROP CEILING

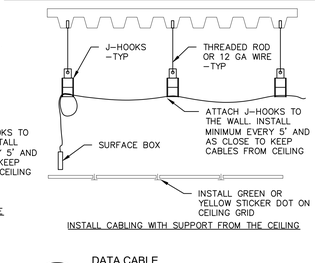


DROP CEILING INSTALLATION WHERE THERE IS BUILDING STEEL MOPE THAN 24" OF DROP CEILING

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.





INSTALL CABLING WITH SUPPORT FROM THE CEILING

6 TC103 — DATA CABLE SUPPORT DETAILS AND REQUIREMENTS

GENERAL NOTES:

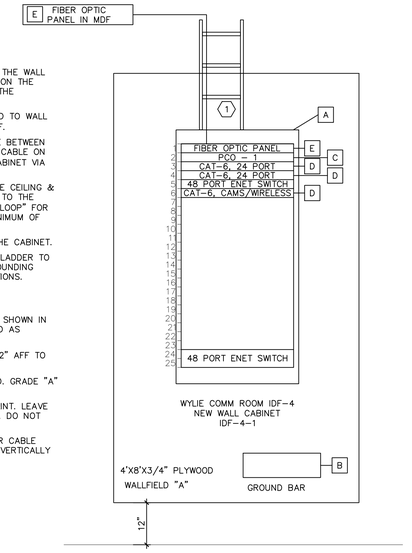
1. CABINETS SHALL BE INSTALLED DIRECTLY TO THE WALL AND PROPERLY SECURED. INSTALL PLYWOOD ON THE WALL PRIOR TO INSTALLING THE CABINET IF THE CABINET IS MOUNTED ON STUD TYPE WALL.
2. WALL MOUNTED CABINETS SHALL BE MOUNTED TO WALL SO TOP OF RACK IS NO HIGHER THAN 7' AFF.
3. INSTALL THE BACKBONE CABLES THAT ROUTE BETWEEN COMMUNICATIONS ROOMS. COIL SPARE FIBER CABLE ON THE WALL. ROUTE CABLES TO THE RACK/CABINET VIA CABLE LADDER.
4. ALL USER DATA CABLES SHALL ROUTE IN THE CEILING & THEN ROUTE DOWN VERTICAL CABLE LADDER TO THE CABINET. IN THE CABINET, PROVIDE A "DRIP LOOP" FOR ALL THE CABLES DRIP LOOP SHALL BE A MINIMUM OF ONE FOOT.
5. ROUTE CABLES ALONG THE HINGE SIDE OF THE CABINET.
6. CONNECT ALL RACKS, CABINETS AND CABLE LADDER TO THE GROUND BAR AS DESCRIBED IN THE GROUNDING DETAIL DETAIL & THE GROUNDING SPECIFICATIONS.

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. PLYWOOD SHALL BE FIRE RESISTANT PLYWOOD. GRADE "A" ON THE SIDE TOWARDS THE USER.
D. PLYWOOD SHALL BE PAINTED WITH WHITE PAINT. LEAVE ONE OF THE FIRE RESISTANT STAMPS VISIBLE. DO NOT PAINT OVER THE STAMP.
E. 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.



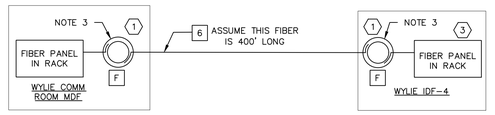
1 TC103 — COMM ROOM "IDF-4" RACK LAYOUTS

KEYED NOTES:

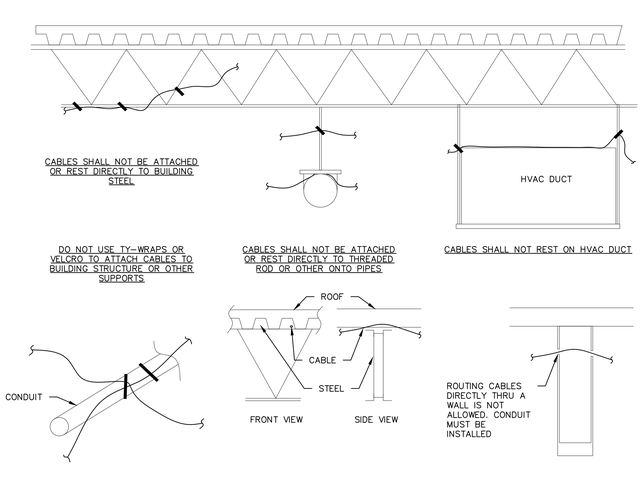
1. INSTALL FIBER OPTIC RINGS ON THE WALL OF THE COMM ROOM. PROVIDE A SPARE 30' COIL OF CABLE.
2. INSTALL FIBER CABLES THROUGH THE CONDUITS BETWEEN BUILDINGS. WHEN INSTALLING THE FIBER INSIDE THE BUILDING ENSURE IT IS ROUTED INSIDE CONDUIT. SEE ELECTRICAL PLANS FOR CONDUIT LOCATIONS
3. SEE RACK LAYOUTS 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.



2 TC103 — BUILDING FIBER BACKBONE CONNECTIVITY

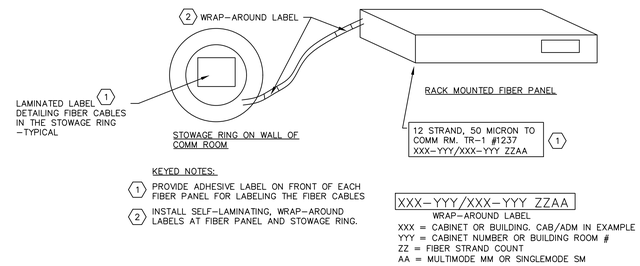


INSTALLATION NOTES:

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

7 TC103 — CABLE INSTALLATION AND SUPPORT TYPES OF SUPPORT THAT ARE DISALLOWED



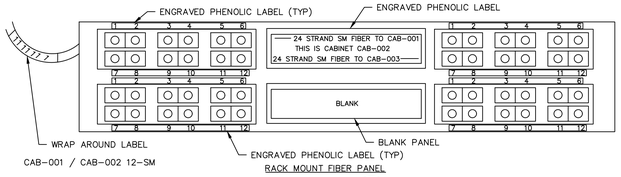
KEYED NOTES:

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.

3 TC103 — FIBER OPTIC CABLE LABELING

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



4 TC103 — FIBER OPTIC PANEL LABELING DETAIL — NOT TO SCALE

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PROJECT TITLE

WYLIE ELEMENTARY CLASSROOM ADDITION

Dexter Community School District

DRAWING TITLE

CABLING RACK LAYOUTS & DETAILS

ISSUE DATES

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PROJECT NO.

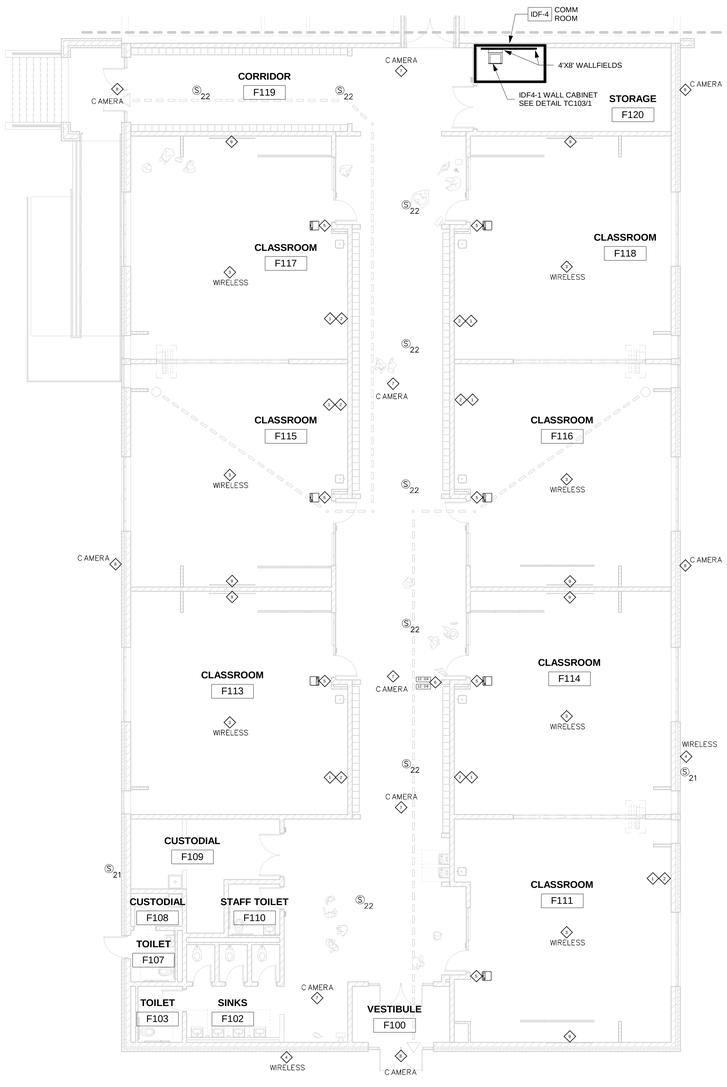
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DRAWING NO.

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.



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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

WYLIE ELEMENTARY CLASSROOM ADDITION

DRAWING TITLE

FIRST LEVEL CABLING PLAN UNIT F

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
02-06-2026	CONSTRUCTION DOCUMENTS

DRAWN	JMS
CHECKED	BVH
APPROVED	BWE

PROJECT NO.

25023D

DRAWING NO.

TC201

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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.
◇ 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.
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.
SEE TC3XX/X	AV SYSTEM DETAIL. REFER TO THIS SHEET AND DETAIL NUMBER FOR THE REQUIREMENTS OF THE AUDIO/VIDEO SYSTEM IN THIS ROOM
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		

SPEAKER SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
S1	CLASSROOM AUDIO SPEAKER. DROP CEILING MOUNTED. CUSTOM CUT INTO CEILING	LIGHTSPEED	DRQ

FLAT PANEL DISPLAY EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
XA	86" FLAT PANEL, TOUCH ENABLED. EQUIP WITH A MOUNT. VERIFY MOUNT PRIOR TO ORDERING.	NEWLINE	TT8625QELT
XB	PULL OUT MOUNT FOR FLAT PANEL 86" TO 98" DIAGONAL	CHIEF	PNRUB
XC	AT EACH DISPLAY WHERE THERE ARE DEVICES TO BE INSTALLED BEHIND THE FLAT PANEL DISPLAY, INSTALL A COMPONENT STORAGE PANEL	CHIEF	CSMP9X12

AUDIO EQUIPMENT SCHEDULE

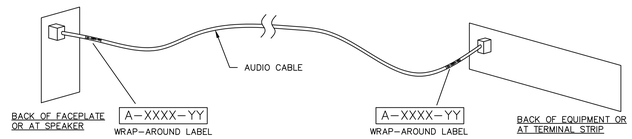
MARK	DESCRIPTION	MANUFACTURER	PART NO.
WA	AUDIO SYSTEM FOR A CLASSROOM. EQUIP WITH ALL CABLING. PROVIDE DROP CEILING SPEAKERS OR CEILING SPEAKERS DEPENDING ON CEILING TYPE. FIELD VERIFY.	LIGHTSPEED	T25-FD
WB	PLASTIC MESH CABLE PROTECTOR AND WRAP. SAMSUNG #HT4044 CABLE FLEXWRAP	TECH FLEX	F6NXX

VIDEO EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
VA	USB AND HDMI TO CAT-6 TRANSMITTER AND RECEIVER. FACEPLATE VERSION.	C2G	C2G31029

AUDIO/VIDEO CABLE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
31	14 AWG TWISTED PAIR DISTRIBUTED SPEAKER CABLE -PLENUM	WEST PENN	25226B
32	CAT-6 UTP CABLES FOR AUDIO/VIDEO CONNECTIVITY SHALL BE BLACK IN COLOR	MOHAWK	M58289
33	CAT-6 UTP CABLES FOR USB CONNECTIVITY SHALL BE ORANGE IN COLOR	MOHAWK	M58288



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

A2

LCD PLATE

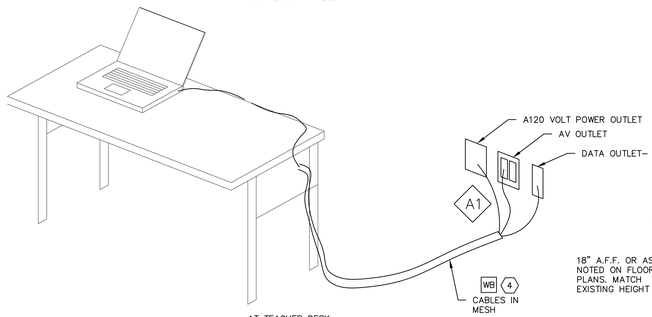
QTY	DESCRIPTION	MANUFACTURER	PART #
1	SURFACE BOX	HUBBELL	HSB20W
1	CAT-6 JACK-ORANGE	HUBBELL	HXJ6OR
1	CAT-6 PATCH CABLE-ORANGE		CONTRACTOR

A1

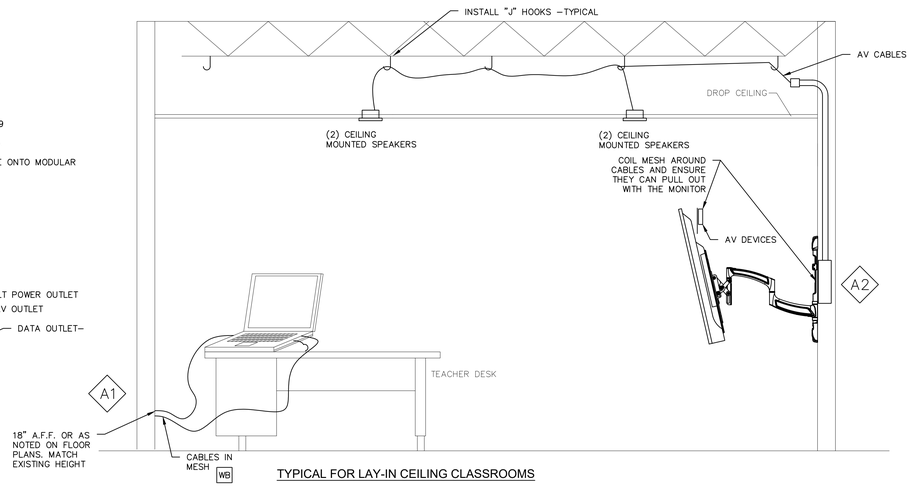
PARTS FOR TEACHER FACEPLATE

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	NS62OLA

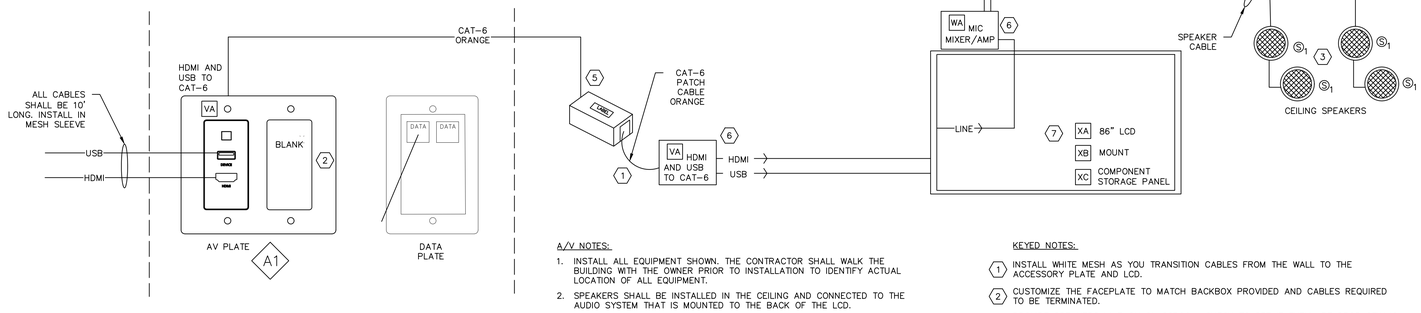
TERMINATE CAT-6 CABLE WITH AN RJ-45 AT C2G DEVICE. TERMINATE ONTO MODULAR CONNECTOR AT LCD.



AT TEACHER DESK



TYPICAL FOR LAY-IN CEILING CLASSROOMS



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. OWNER TO PROVIDE ALL HARDWARE REQUIRED TO SECURELY ATTACH THE LCD TO THE WALL.
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

2 TC301 — INTERACTIVE LCD CLASSROOM AV CONNECTIVITY

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PROJECT TITLE

WYLIE ELEMENTARY CLASSROOM ADDITION

Dexter Community School District

DRAWING TITLE

AV LEGENDS SCHEDUILES & DETAILS

ISSUE DATES

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PROJECT NO.

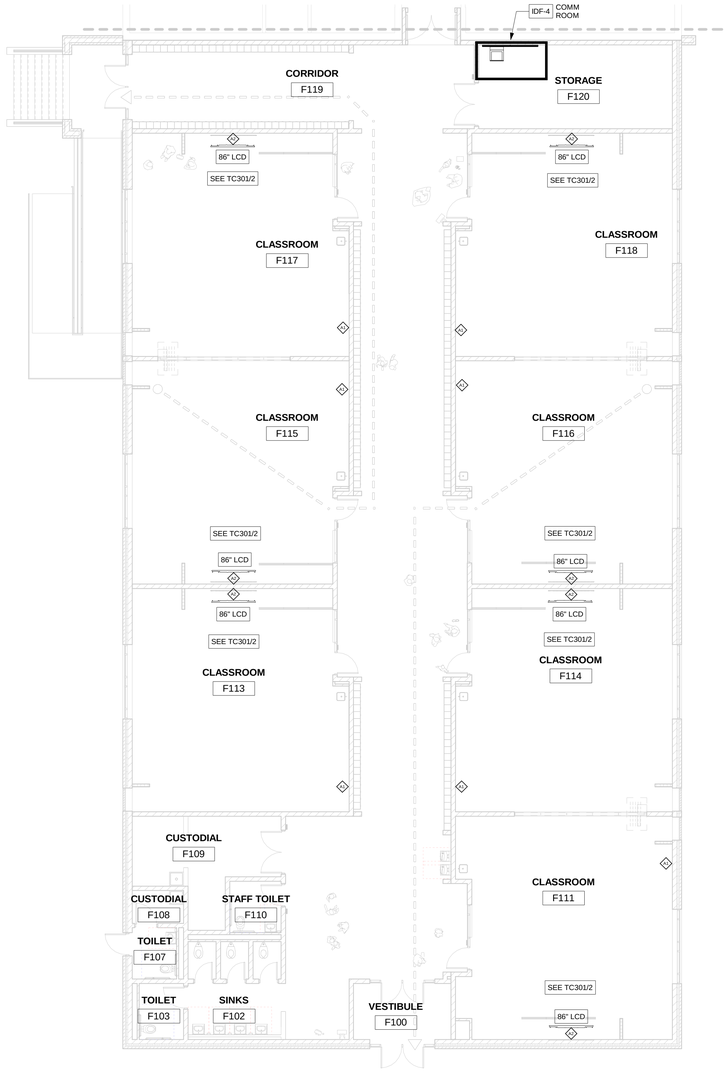
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DRAWING NO.

TC301

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.



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WYLIE ELEMENTARY CLASSROOM ADDITION

DRAWING TITLE

FIRST LEVEL AV PLAN UNIT F

KEY PLAN

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DRAWING NO.

TC401

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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		

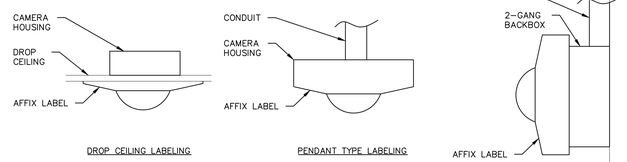
ACCESS CONTROL EQUIPMENT SCHEDULE

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	ACM58 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

VIDEO SECURITY EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	PART NO.
SA	VIDEO SECURITY NVR SERVER AND RECORDING SOFTWARE IS EXISTING.	SEE SPECS	SEE SPECS
SB	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
SC	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-PVF9Di2TW
SD	360 DEGREE CAMERA -FOUR (4) SEPARATE IMAGERS, 20 MEGAPIXEL EACH. 270 COVERAGE WITH A DOWNWARDS 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
SE	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
SF	180 DEGREE CAMERA -MULTIPLE IMAGERS OUTDOOR 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-XSBC08Bi
SG	MONITORING PC IS EXISTING.	SEE SPECS	SEE SPECS

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



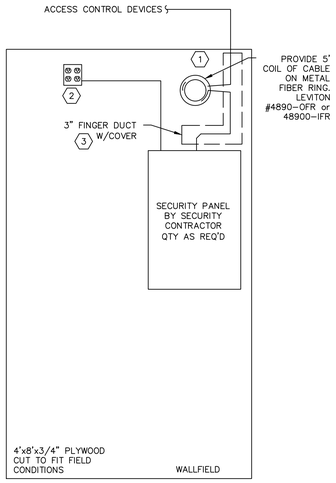
XX-DDD
ADHESIVE CAMERA LABEL

XX = BUILDING NAME
DDD = CAMERA NUMBER

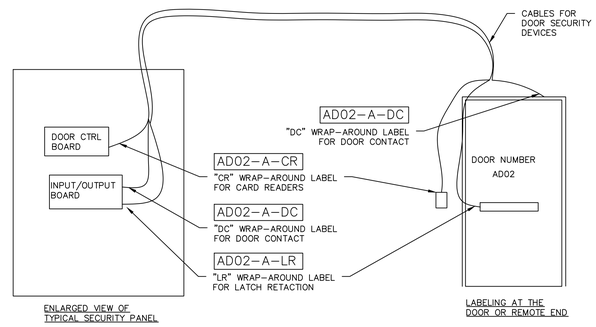
1 TC501 CAMERA LABELING VISIBLE PORTION OF THE BUILDING

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.



3 TC501 TYPICAL SECURITY WALLFIELD
NO SCALE



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 TC501 TYPICAL ACCESS CONTROL CABLE LABELING

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PROJECT TITLE
WYLIE ELEMENTARY CLASSROOM ADDITION

Dexter Community School District

DRAWING TITLE
SECURITY LEGENDS SCHEDUILES & DETAILS

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TC501

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.

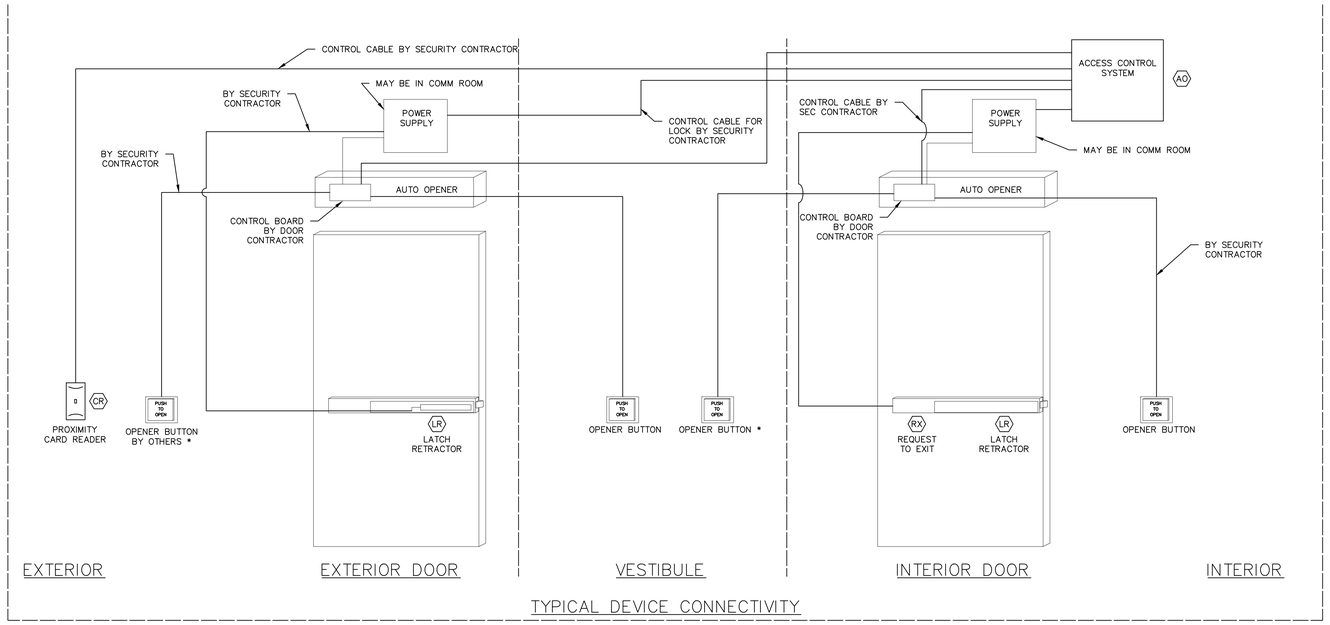
4. THE EXTERIOR CONTROL BOARD SHALL WAIT A SET NUMBER OF SECONDS AND THEN IT SHALL ENGAGE THE EXTERIOR AUTO OPENER TO OPEN THE EXTERIOR DOOR.

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

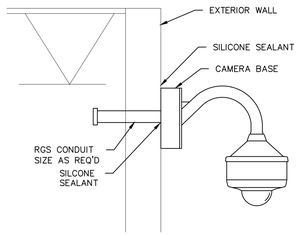
GENERAL NOTE:

- THE OUTSIDE OPENER BUTTON WILL BE ENABLED & DISABLED BY THE ACCESS CONTROL SYSTEM. THE BUTTONS WILL BE ENABLED WHEN THE DOOR IS UNLOCKED.

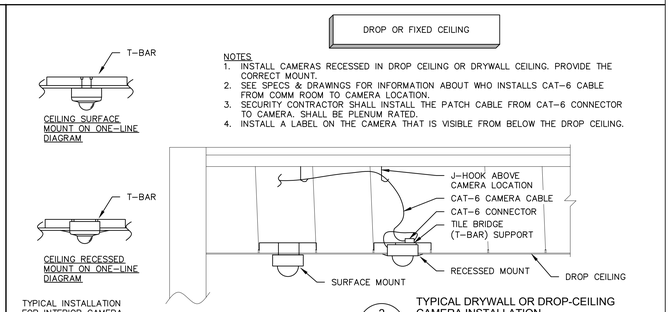
1 / TC502 — ADA DOOR OPENER & ACCESS CONTROL INTEGRATION DIAGRAM

NOTES

1. CORE THROUGH EXTERIOR WALL TO INSTALL A CONDUIT FROM THE INTERIOR TO THE EXTERIOR CAMERA BACKBOX.
2. CONDUIT SHALL BE NO SMALLER THAN 3/4" TRADE SIZE. INSTALL A NYLON GROMMET ON END OF CONDUIT.
3. SEAL AROUND CAMERA BASE WITH CLEAR SILICONE SEALANT. SEAL AROUND CONDUIT ON EXTERIOR WITH SEALANT.
4. ATTACH CAMERA BASE TO THE BUILDING WITH MECHANICAL CONNECTORS.



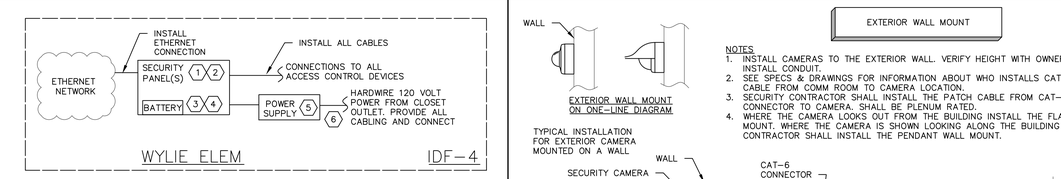
4 / TC502 — CAMERA THROUGH WALL RACEWAY & SEALANT DETAIL



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 / TC502 — TYPICAL DRYWALL OR DROP-CEILING CAMERA INSTALLATION



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.

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.

5 / TC502 — ACCESS CONTROL DIAGRAM

NOTES
1. INSTALL CAMERAS TO THE EXTERIOR WALL. VERIFY HEIGHT WITH OWNER. INSTALL CONDUIT.
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.

3 / TC502 — EXTERIOR WALL MOUNT CAMERA DETAILS

NOT TO SCALE

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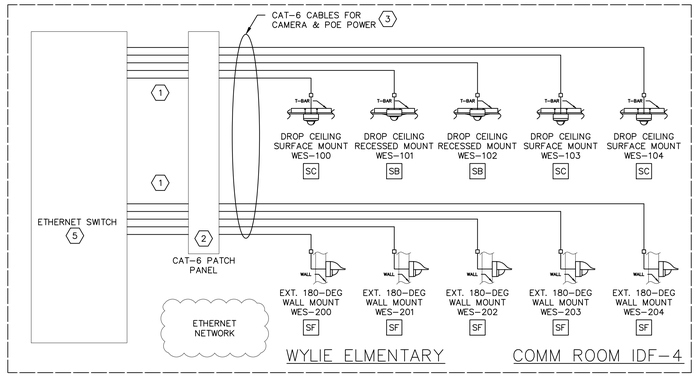
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TC502



REFER TO THE PLANS FOR CAMERA LOCATIONS

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

2 VIDEO SECURITY DIAGRAM WYLIE ELEMENTARY
TC503

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

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

ASSISTED OPENER DETAILS

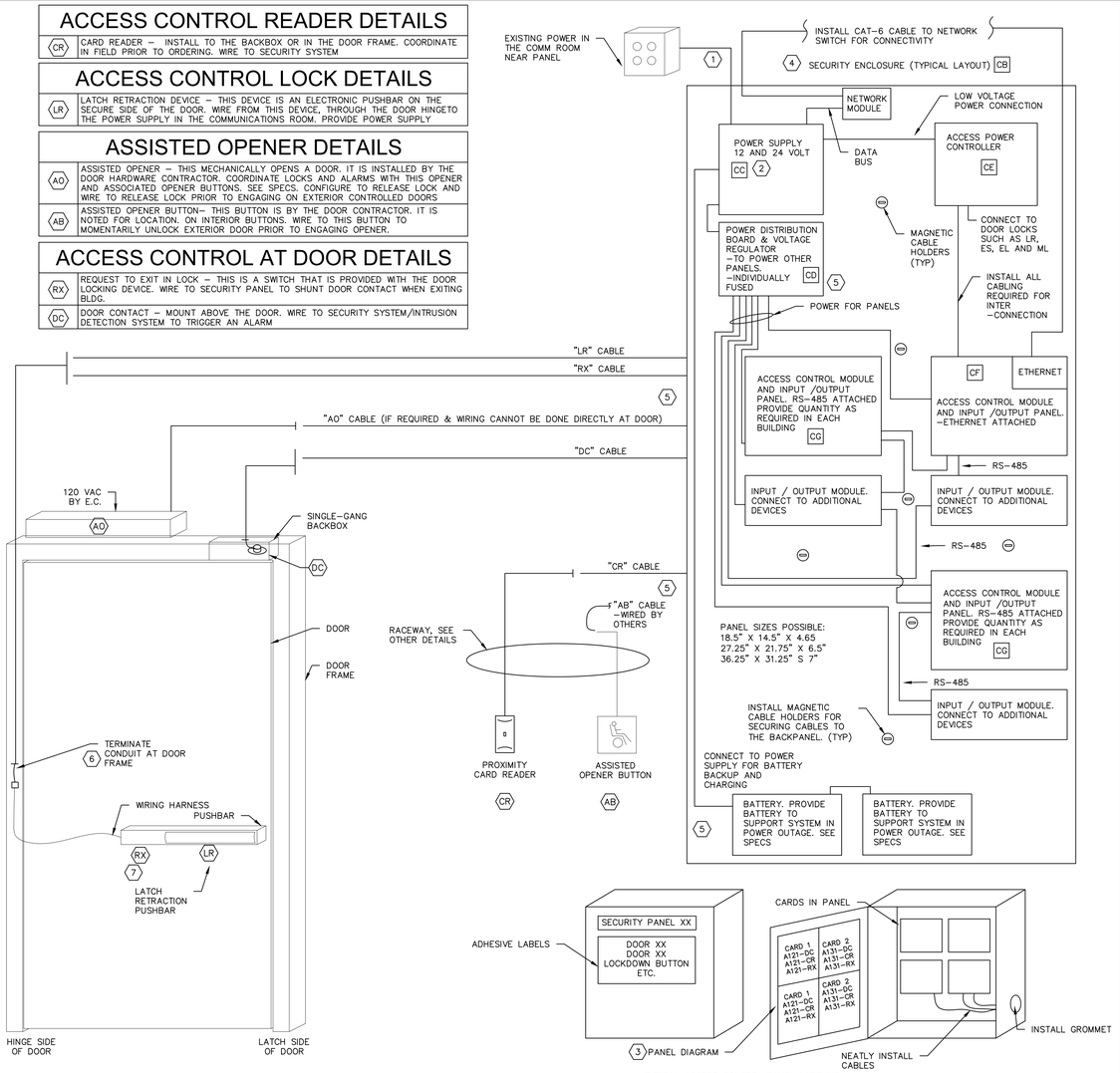
AO — ASSISTED OPENER – THIS MECHANICALLY OPENS A DOOR. IT IS INSTALLED BY THE DOOR HARDWARE CONTRACTOR. COORDINATE LOCKS AND ALARMS WITH THIS OPENER AND ASSOCIATED OPENER BUTTONS. SEE SPECS. CONFIGURE TO RELEASE LOCK AND WIRE TO RELEASE LOCK PRIOR TO ENGAGING ON EXTERIOR CONTROLLED DOORS

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



TYPICAL ACCESS CONTROL PANEL LABELING

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.

1 DOOR HARDWARE & SECURITY EQUIPMENT CONNECTIVITY REQUIREMENTS
TC503

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PROJECT TITLE

WYLIE ELEMENTARY CLASSROOM ADDITION

Dexter Community School District

DRAWING TITLE

DOOR HARDWARE SECURITY DETAILS

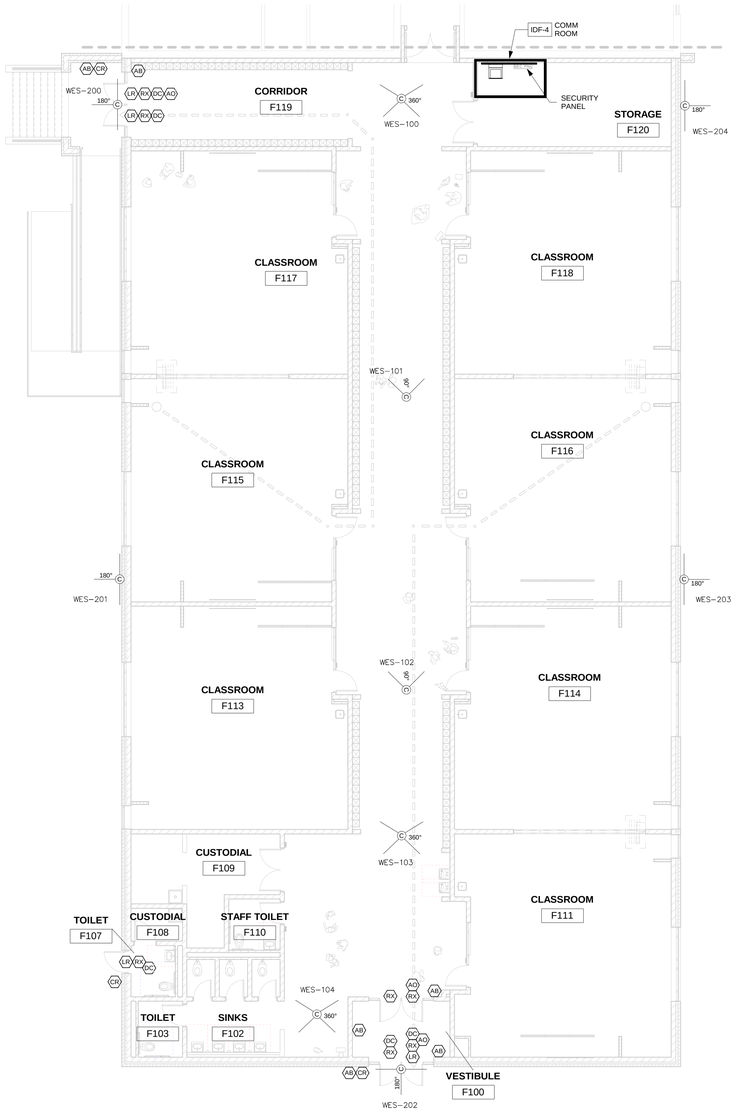
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GENERAL SECURITY NOTES

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.

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CONSULTANT

PROJECT TITLE

WYLIE ELEMENTARY CLASSROOM ADDITION

DRAWING TITLE

FIRST LEVEL SECURITY PLAN UNIT F

KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
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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		

RACEWAY 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
X"	PASS THRU. CONDUIT WITH GROMMETS TO BE INSTALLED. SIZE AS NOTED. NO LESS THAN 1". SEE DETAILS ON TRXXX FLOOR PLANS AND DETAILS. SEAL PER UL REQUIREMENTS
X"	VERTICAL RISER CONDUIT WITH GROMMETS TO BE INSTALLED. SIZE AS NOTED. SEE DETAILS ON TRXXX FLOOR PLANS AND DETAILS. SEAL PER UL REQUIREMENTS
(E)	RACEWAY SYMBOL. SEE TRXXX SHEETS FOR DETAILS FOR RACEWAY REQUIREMENTS.

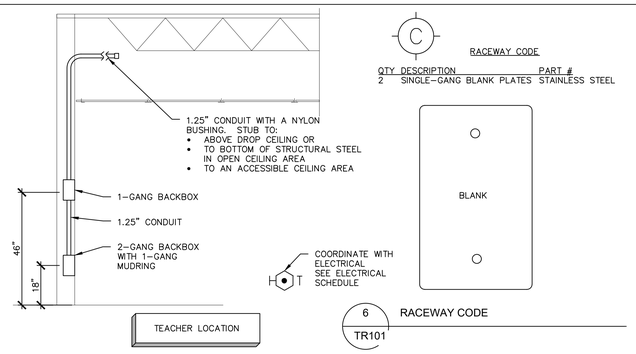
A/V, SECURITY & TELECOMMUNICATIONS SCHEDULE

SYMBOL	DESCRIPTION
H M	WALL MOUNTED MONITOR. (1) QUAD RECEPTACLE ADJACENT TO TECHNOLOGY OUTLET.
H T	(1) QUAD RECEPTACLE ADJACENT TO LOWER TECHNOLOGY OUTLET. ONE DUPLEX RECEPTACLE OF QUAD RECEPTACLE TO BE CONTROLLED.
▽	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 BOXES & 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 RACEWAYS REQUIRED TO SERVE ALL AUDIO/VISUAL, TELECOMMUNICATIONS AND SECURITY EQUIPMENT AND OUTLETS.

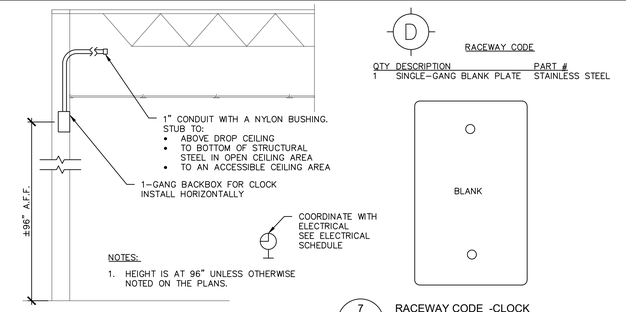


C — RACEWAY CODE

QTY	DESCRIPTION	PART #
2	SINGLE-GANG BLANK PLATES	STAINLESS STEEL

BLANK

6 TR101 — RACEWAY CODE

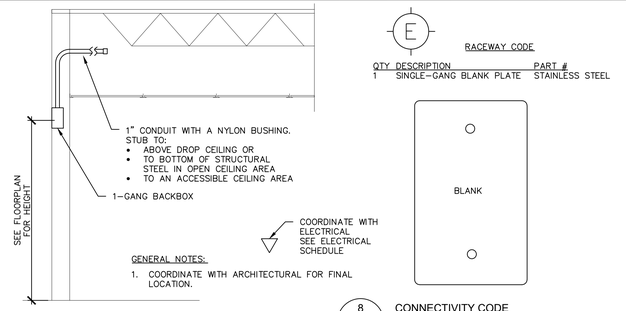


D — RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE-GANG BLANK PLATE	STAINLESS STEEL

BLANK

7 TR101 — RACEWAY CODE -CLOCK



E — RACEWAY CODE

QTY	DESCRIPTION	PART #
1	SINGLE-GANG BLANK PLATE	STAINLESS STEEL

BLANK

8 TR101 — CONNECTIVITY CODE

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.

ACCESS CONTROL LOCK RACEWAY

LR	LATCH RETRACTION DEVICE – LOCK MECHANISM INSIDE PUSHBAR OF DOOR. INSTALL CONDUIT TO DOOR HINGE.

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

INTERCOM / ASST. OPENER RACEWAY

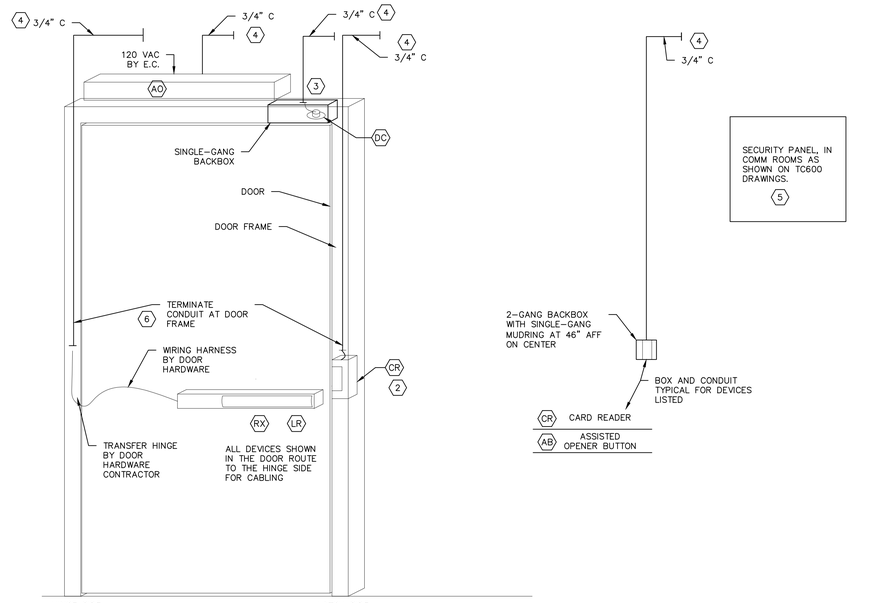
AO	ASSISTED OPENER – THIS MECHANICALLY OPENS A DOOR. CONDUIT FROM OPENER TO CEILING.
AB	ASSISTED OPENER BUTTON– BUTTON TO TRIGGER ASSISTED OPENER. INSTALL CONDUIT AND BACKBOX AT 46" AFF TO CENTER. MATCH LIGHT SWITCH HEIGHT

GENERAL NOTES:

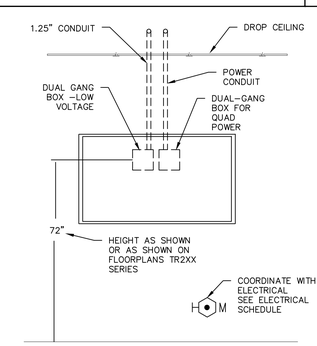
1. INSTALL RACEWAYS AND BACKBOXES AT DOORS AND DESKS FOR CONNECTION OF SECURITY AND ALARM DEVICES.
2. CONDUIT INSTALLER SHALL WORK WITH DOOR INSTALLER, DOOR HARDWARE CONTRACTOR AND SECURITY CONTRACTOR WHEN INSTALLING CONDUITS.

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.



1 TR101 — ACCESS CONTROL RACEWAY DETAIL



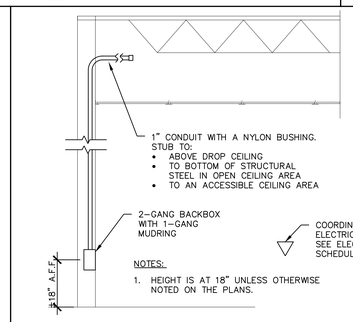
LA — IN WALL BOX PARTS

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
5. COORDINATE WITH ARCHITECTURAL FOR FINAL LOCATION WITHIN THE FURNITURE.

9 TR101 — LCD RACEWAY AND BOX STAND ALONE

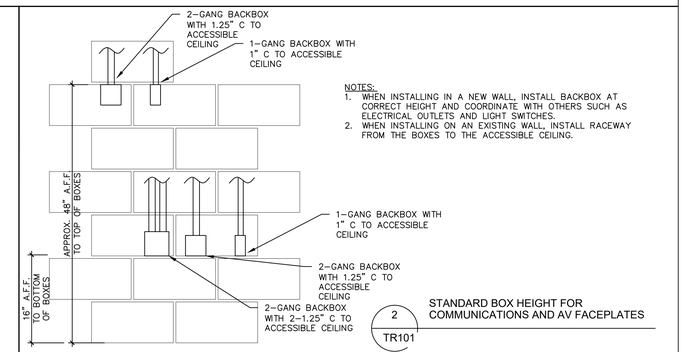


A — RACEWAY CODE

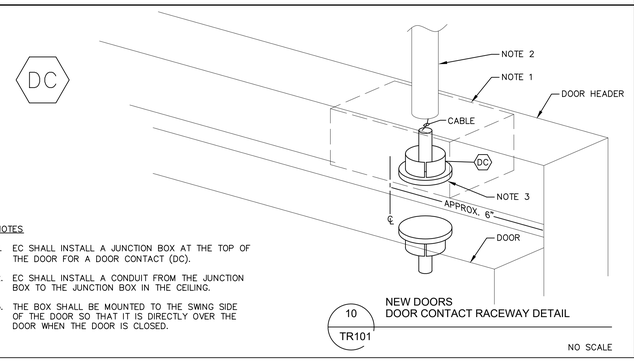
QTY	DESCRIPTION	PART #
1	SINGLE-GANG BLANK PLATE	STAINLESS STEEL

BLANK

4 TR101 — RACEWAY CODE

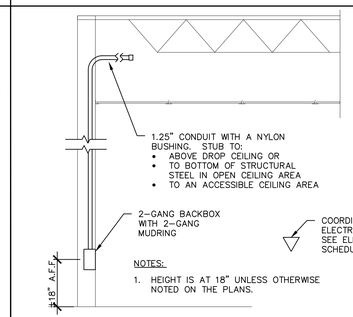


2 TR101 — STANDARD BOX HEIGHT FOR COMMUNICATIONS AND AV FACEPLATES



10 TR101 — NEW DOORS DOOR CONTACT RACEWAY DETAIL

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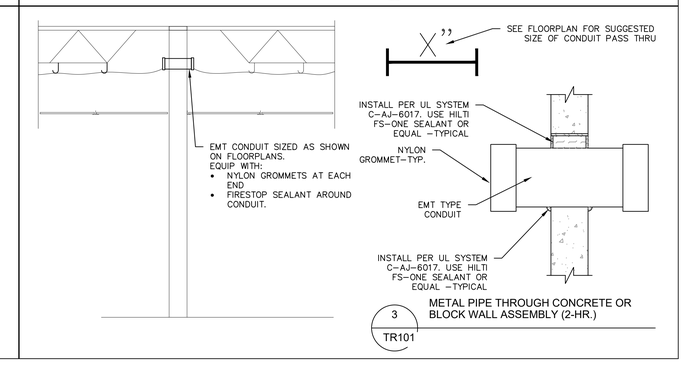


B — RACEWAY CODE

QTY	DESCRIPTION	PART #
1	DOUBLE-GANG BLANK PLATE	STAINLESS STEEL

BLANK

5 TR101 — RACEWAY CODE



3 TR101 — METAL PIPE THROUGH CONCRETE OR BLOCK WALL ASSEMBLY (2-HR.)

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PROJECT TITLE

WYLIE ELEMENTARY CLASSROOM ADDITION

Dexter Community School District

DRAWING TITLE

RACEWAY LEGENDS, SCHEDULES, & DETAILS

ISSUE DATES

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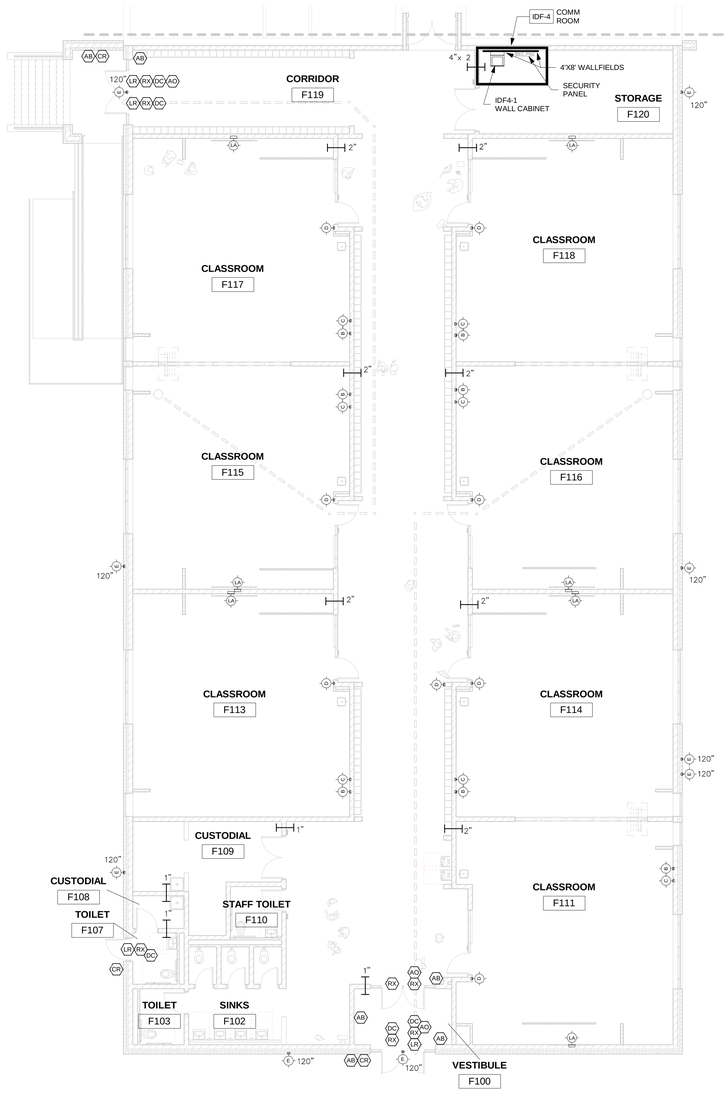
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GENERAL RACEWAY NOTES

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.

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CONSULTANT

PROJECT TITLE

WYLIE ELEMENTARY CLASSROOM ADDITION

DRAWING TITLE

FIRST LEVEL RACEWAY PLAN UNIT F

KEY PLAN

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