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DEXTER HIGH SCHOOL FLEX SPACES

DEXTER COMMUNITY SCHOOLS

DEXTER, MICHIGAN 48130

PROJECT NUMBER 22070G

CONSTRUCTION DOCUMENTS-BID PACK #7

CONSULTANTS:

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LIST OF DRAWINGS

GENERAL INFORMATION
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CIVIL

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PROJECT DATA:

LOCATION MAP

DEXTER, MI — NO SCALE

ADDRESS: DEXTER HIGH SCHOOL
2200 N PARKER RD.
DEXTER, MICHIGAN 48130

BUILDING:

EXISTING BUILDING AREA = 296,270 SQ. FT.

CODE:

GOVERNING CODES :

- 2016 SCHOOL FIRE SAFETY RULES (2012 Life Safety Code, plus amendments)
- 2015 MICHIGAN BUILDING CODE
- 2015 MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS
- 2015 MICHIGAN PLUMBING CODE
- 2015 MICHIGAN MECHANICAL CODE
- 2015 MICHIGAN UNIFORM ENERGY CODE (ANSI/ASHRAE/IES Standard 90.1-2013)
- 2014 MICHIGAN ELECTRICAL RULES (2014 NEC, plus Part 8 Rules)
- 2010 MICHIGAN ELEVATOR RULES (ASME A17.1-2010, ASME A18.1-2011)
- MICHIGAN BARRIER FREE CODE (Michigan Building Code 2015 and ICC A117.1-2009)
- 2013 MICHIGAN BOILER CODE RULES (ASME Boiler and Pressure Vessel Code, 2010 edition, plus 2011a addenda) (National Board Inspection Code [NBIC], 2011 edition)

CONSTRUCTION CLASSIFICATION : TYPE II (000) (NFPA)
TYPE II B (MBC)

USE GROUP CLASSIFICATION : "E" EDUCATION

DATE	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS
06-30-2023	OWNER REVIEW

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PROJECT TITLE
Dexter High School Flex Spaces

PROJECT NO.
22070G

DRAWING NO.
TS.1

Drawing File: Q:\acad\2022\mep\22070g\22070g_cd\22070g_b1.dwg
Jul 28, 2023 - 11:26am

ABBREVIATIONS

A

ABV.	ABOVE
A.F.F.	ABOVE FINISH FLOOR
A.R.F.	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
A.C.B.	AIR CIRCUIT BREAKER
A/C	AIR CONDITIONING
A.C.C.	AIR CONDITIONING COMPRESSOR
A.C.U.	AIR CONDITIONING UNIT
A.H.U.	AIR HANDLING UNIT
ALT.	ALTERNATE
ALUM./AL	ALUMINUM
AMT	AMOUNT
AMP	AMPHERE
AMPL.	AMPLIFIER
ANCH.	ANCHOR
A.B.	ANCHOR BOLT
&	AND
ANG./ L or ∠	ANGLE
ANOD.	ANODIZED
APT.	APARTMENT
APPR.	APPROVED
APPROX.	APPROXIMATE
ARCH.	ARCHITECT/ARCHITECTURAL
A-	ARCHITECTURAL DRAWING-NO.
A. T.	ASH TRAY
ATM	AUTOMATIC TELLER MACHINE
ASPH.	ASPHALT
ASSY.	ASSEMBLY
@	AT
AUTO.	AUTOMATIC
A.S.R.	AUTOMATIC SPRINKLER RISER
AUX.	AUXILIARY
AVG.	AVERAGE

B

B/B	BACK-TO-BACK
B.F.P.	BACK FLOW PREVENTER
B.D.D.	BACK DRAFT DAMPER
B.F.	BARRIER FREE
B.B.R.	BASE BOARD RADIATION
B.PL	BASE PLATE
BSMT	BASEMENT
B.	BATH ROOM
BM	BEAM
B/C	BACK OF CURB
BRG	BEARING
B.R.	BEDROOM
B.M.	BENCH MARK
BT	BENT
BETW.	BETWEEN
BEV.	BEVEL
BIT.	BITUMINOUS
B.I.	BLACK-IRON
BLK.	BLOCK
BLKG	BLOCKING
BD	BOARD
BLR	BOILER
BLR. F.	BOILER FEED
BLR. H.	BOILER HOUSE
BK. SH.	BOOK SHELVES
B.S.	BOTH SIDES
B.W.	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
B.L.	BUILDING LINE
B.U.R.	BUILT-UP ROOFING
B.N.	BULLNOSE
BLKD	BULKHEAD
BULL.	BULLETIN
B.A.	BURGLAR ALARM
BUZZ.	BUZZER

C

CAB.	CABINET
C.U.H.	CABINET UNIT HEATER
CAP.	CAPACITY
CPT	CARPET
C.R.S.	CARPET REDUCER STRIP
CSMT	CASEMENT
CSWRK	CASEWORK
CSG	CASING
C.I.	CAST IRON
C.I.F.	CAST IRON FRAME
C.I.P.	CAST IRON PIPE/CAST-IN-PLACE
CSTG	CASTING
CAT. NO.	CATALOG NUMBER
C.B.	CATCH BASIN
CLG.	CEILING
CLG. DIFF	CEILING DIFFUSER
CLG. HT.	CEILING HEIGHT
CEM.	CEMENT
CEM. PLAS.	CEMENT PLASTER
CTR	CENTER
℄	CENTERLINE
C/C	CENTER-TO-CENTER
CER.	CERAMIC
C.T.	CERAMIC TILE
C.BD.	CHALKBOARD
CHAM.	CHAMFER
CHG.	CHANGE
CHAN. or ⊏	CHANNEL
CHKD. PL.	CHECKERED PLATE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CHD	CHORD
CIRCUM.	CIRCUMFERENCE
CIR.	CIRCLE/CIRCULAR
CIRC.	CIRCUIT
C.BR	CIRCUIT BREAKER
C-	CIVIL DRAWING-NO.
CL.	CLASS
CLRM	CLASSROOM
C.O.	CLEAN OUT
CLR	CLEAR
CLR GL	CLEAR GLASS
CLR W.GL	CLEAR WIRE GLASS
CL.	CLOSET
CLO.	CLOSURE
C.OL.	COAT CLOSET
COEF.	COEFFICIENT
CW	COLD WATER
COL.	COLUMN
CO.	COMPANY
COMPT.	COMPARTMENT
COMPO.	COMPOSITION
CA	COMPRESSED AIR
COMPR.	COMPRESSOR
CONC.	CONCRETE
C.M.U.	CONCRETE MASONRY UNIT
CWR	CONDENSING WATER RETURN
CWS	CONDENSING WATER SUPPLY
COND.	CONDUIT
CONF.	CONFERENCE
CONN.	CONNECT
CONST.	CONSTRUCTION
C.J.	CONTROL JOINT
CONT.	CONTINUE/CONTINUOUS
CONTR.	CONTRACTOR
C.P.	CONTROL PANEL
CONV.	CONVECTOR
CNVYR	CONVEYOR
COR.	CORNER
C.G.	CORNER GUARD
CORR.	CORRIDOR/CORRUGATED
CPR	COPPER
CNTR	COUNTER
CTSK	COUNTERSINK
CRS.	COURSE
COV.	COVER
COV. PL.	COVER PLATE
C.C.T.	CUBICAL CURTAIN TRACK
CU.FT.	CUBIC FEET/ CUBIC FOOT
CFM	CUBIC FEET PER MINUTE
CY	CUBIC YARD
CULV.	CULVERT
C.D.	CUP DISPENSER
CYL.	CYLINDER
CYC.	CYCLES

D

DMPR	DAMPER
DMPFG	DAMPPROOFING
D.L.	DEAD LOAD
DB	DECIBEL
D.	DEEP
DWG.	DRAWING
DMT. PARTN	DEMOUNTABLE PARTITION
DEPT.	DEPARTMENT
DEPR.	DEPRESSED
DES.	DESIGN
DET.	DETAIL
D.E. CO.	DETROIT EDISON COMPANY
DIAG.	DIAGONAL
DGM	DIAGRAM
DIA.	DIAMETER
DIFF.	DIFFUSER
DIM.	DIMENSION
D.R.	DINING ROOM
DIR.	DIRECTORY
DISC.	DISCONNECT
DISCONT.	DISCONTINUOUS
DW	DISHWASHER
DISP.	DISPENSER
DIST.	DISTANCE
D.P.	DISTRIBUTION PANEL
DO	DITTO (DO OVER)
DIV.	DIVIDER/DIVISION
DR.	DOOR
D.O.	DOOR OPENING
DR. OP.	DOOR OPERATOR
DBL.	DOUBLE
D.A.	DOUBLE ACTING
D.H.	DOUBLE HUNG
DWL.	DOWEL
DN	DOWN
D.S.	DOWNSPOUT
DRN	DRAIN
D.T.	DRAIN TILE
D.T.C.	DRAIN TILE CONNECTOR
DWR	DRAWER
DWG	DRAWING
D.F.	DRINKING FOUNTAIN
D.B.	DRY BULB
D.S.P.	DRY STAND PIPE
DBWTR	DUMBWAITER
DUP.	DUPLICATE
D.DR.	DUTCH DOOR

E

EA	EACH
E.F.	EACH FACE
E.W.	EACH WAY
E	EAST
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM
ELAST.	ELASTOMERIC
ELAST. FLASH.	ELASTOMERIC FLASHING
ELAST. W.P.	ELASTOMERIC WATERPROOFING
E.S.R.	ELASTOMERIC SHEET ROOFING
ELEC.	ELECTRIC/ELECTRICAL
ELEC. CL.	ELECTRICAL CLOSET
ELEC. CAB.	ELECTRICAL CABINET
E.C.	ELECTRICAL CONTRACTOR
E-	ELECTRICAL DRAWING-NO.
E.P.	ELECTRICAL PANEL
EWC	ELECTRIC 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
E.D.	EXHAUST DUCT
E.F.	EXHAUST FAN
E.G.	EXHAUST GRILLE
E.R.	EXHAUST REGISTER
EX./EXIST.	EXISTING
EXP.	EXPANSION
EXP.B.	EXPANSION BOLT
E.J.	EXPANSION JOINT
EXPL.P.	EXPLOSION PROOF
EXP'D	EXPOSED
EXT'N	EXTENSION
EXT.	EXTERIOR
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM
E.H.	EXTRA HEAVY
EXTR.	EXTRUDED
E.S.P.	EXTERNAL STATIC PRESSURE

F

FAB.	FABRICATED/FABRIC
F/F	FACE-TO-FACE
F. FIN.	FACTORY FINISH
F.C.U.	FAN COIL UNIT
F.S.	FAR SIDE
FAS.	FASTENER
FDR	FEEDER
FT or '	FEET/FOOT
FPM	FEET PER MINUTE
FN	FENCE
F.BD.	FORM BOARD
FIG.	FIGURE
FIN.	FINISH/FINISHED
FIN. FLR/F.F.	FINISH FLOOR
F.T.R.	FINNED TUBE RADIATION
F.A.	FIRE ALARM
F.A.C.P.	FIRE ALARM CONTROL PANEL
F. BRK	FIRE BRICK
F.D.	FIRE DAMPER
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
F.H.C.	FIRE HOSE CABINET
F.H.	FIRE HYDRANT
F.L.	FIRE LINE
F.R.	FIRE RETARDANT/FIRE RATED
F.R.T.WD	FIRE RETARDANT TREATED WOOD
F.V.C.	FIRE VALVE CABINET
FP.	FIREPLACE
FPRFG.	FIREPROOFING
FIXT.	FIXTURE
FL. FLASH.	FLASHING
FHMS	FLAT HEAD MACHINE SCREW
FHWS	FLAT HEAD WOOD SCREW
F.C.	FLEXIBLE CONNECTION
FLR	FLOOR
F.C.O.	FLOOR CLEAN OUT
F.D.	FLOOR DRAIN
FLR. FIN.	FLOOR FINISH
FLUOR.	FLUORESCENT
FLDG	FOLDING
FTG	FOOTING
FM. BD	FORMBOARD
FDN	FOUNDATION
FR.	FRAME
FR/COV.	FRAME AND COVER
FRMG	FRAMING
FRZR	FREEZER
F.S.	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
G.V.& B.	GATE VALVE AND BOX
GEN'L.	GENERAL
GL.	GLASS
GLZ	GLAZING
G.H.T.	GLAZED HOLLOW TILE
G.B.	GRAB BAR
GR.	GRADE/GRILLE
GB	GRADE BEAM
GRAT.	GRATING
G.L.	GRID LINE
GRN	GRANITE
G.S.	GREASE SEPARATOR
G.T.	GREASE TRAP
GND	GROUND
G.F.I.	GROUND FAULT INTERRUPTER
GT	GROUT
G.	GUTTER ELEVATION
GYP.	GYPSUM
GYP.BD.	GYPSUM BOARD

H

HNDCP	HANDICAPPED
H.R.	HANDRAIL
H.BD	HARDBOARD
HDWE	HARDWARE
HDWD	HARDWOOD
HD	HEAD
HDR	HEADER
H.A. GL.	HEAT ABSORBING GLASS
H.R.U.	HEAT RECOVERY UNIT
HTR	HEATER
HTG	HEATING
H/V	HEATING AND VENTILATING
H.V.A.C.	HEATING, VENTILATING AND AIR CONDITIONING
HHWR	HEATING HOT WATER SUPPLY
HHWS	HEATING HOT WATER RETURN
HGT.	HEIGHT
HEX.	HEXAGON
H.	HIGH
H.I.D.	HIGH INTENSITY DISCHARGE
H.P.	HIGH POINT
H.PR.	HIGH PRESSURE
H.S.	HIGH STRENGTH
H.S.B.	HIGH STRENGTH BOLT
H.V.	HIGH VOLTAGE
HWY	HIGHWAY
HSTWY	HOISTWAY
H.C.	HOLLOW CORE
H.M.	HOLLOW METAL
HNYCB	HONEYCOMB
HK	HOOK
HORIZ.	HORIZONTAL
HP	HORSEPOWER
H.B.	HOSE BIBB
H.S.P.	HOSE STAND PIPE
H.V.C.	HOSE VALVE CABINET
HOSP.	HOSPITAL
H.W.	HOT WATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HR.	HOUR
H.O.	HUB OUTLET
HYD.	HYDRANT/HYDRAULIC
H	HYDROGEN

I

I.D.	IDENTIFICATION
INCAND.	INCANDESCENT
IN. or "	INCH/INCHES
INCIN.	INCINERATOR
INCL.	INCLUDE/INCLUDING
I.W.	INDIRECT WASTE
INFO.	INFORMATION
I.D.	INSIDE DIAMETER
I.F.	INSIDE FACE
INST'L.	INSTALL/INSTALLATION
INSUL.	INSULATE/INSULATION
INT.	INTERIOR
INTER.	INTERMEDIATE
INV.	INVERT
I.E.	INVERT ELEVATION

J

J.C.	JANITOR CLOSET
JT	JOINT
JST	JOIST
J.B.	JUNCTION BOX
JR	JUNIOR

K

K.P.	KICK PLATE
KV	KILOVOLT
KVA	KILOVOLT AMPHERE
KW	KILOWATT
K	KIP (1000#)
KIT.	KITCHEN
K.S.	KNEE SPACE
K.D.	KNOCK DOWN
K.O.P.	KNOCK-OUT PANEL

L

LBL.	LABEL
LAB.	LABORATORY
LAD.	LADDER
L.B.	LAG BOLT
LAM.	LAMINATE/LAMINATED
LDG	LANDING
L-	LANDSCAPE DRAWING-NO.
LGE	LARGE
LDRY	LAUNDRY
LAV.	LAVATORY
L.H.	LEFT HAND
L.H.R.B.	LEFT HAND REVERSE BEVEL
LGTH	LENGTH
LEV.	LEVEL
LIB.	LIBRARY
LT.	LIGHT
LPRF	LIGHTPROOF
LTG	LIGHTING
LTG PNL	LIGHTING PANEL
L.R.P.	LIGHTING RECEPTACLE PANEL
LTWT.	LIGHTWEIGHT
LTWT. CONC.	LIGHTWEIGHT CONCRETE
LMS	LIMESTONE
LTL	LINTEL
LIN. DIFF.	LINEAR DIFFUSER
L.F.	LINEAR FEET/FOOT
LIQ	LIQUID
LPG	LIQUID PROPANE GAS
L.P.G.	LIQUID PETROLEUM GAS
L.L.	LIVE LOAD
L.R.	LIVING ROOM
LOC.	LOCATION
LKR	LOCKER
LG	LONG
L.L.H.	LONG LEG HORIZONTAL
L.L.V.	LONG LEG VERTICAL
LVR	LOUVER
L.O.	LOUVER OPENING
L.P.	LOW POINT
L.PR.	LOW PRESSURE
LBR	LUMBER
LBS. or #	POUNDS

M

MACH.	MACHINE
M.B.	MACHINE BOLT
MACH. RM	MACHINE ROOM
M.A.U.	MAKE-UP AIR UNIT
M.D.P.	MAIN DISTRIBUTION PANEL
M.S.B.	MAIN SWITCH BOARD
MAINT.	MAINTENANCE
MH.	MANHOLE
MFR	MANUFACTURER
MAR.	MARBLE
MK	MARK
MAS.	MASONRY
M.O.	MASONRY OPENING
MATL	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
M-	MECHANICAL DRAWING-NO.
M.C.	MEDICINE CABINET
MED.	MEDIUM
MEMB.	MEMBRANE
MET.	METAL
M.D.S.	METAL DIVIDER STRIP
M.E.S.	METAL EDGE STRIP
M.L.	METAL LATH
M.L.& PLAS.	METAL LATH AND PLASTER
M.T.	METAL THRESHOLD
MET. W.P.	METALLIC WATERPROOFING
MEZZ.	MEZZANINE
MDOT	MICHIGAN DEPARTMENT OF TRANSPORTATION
MWK	MILLWORK
MIN.	MINIMUM
MIR.	MIRROR
M.& S.	MIRROR AND SHELF
MISC.	MISCELLANEOUS
M.I.	MISCELLANEOUS IRON
MOD.	MODEL
MON.	MONUMENT
M.S.& S.	MOP STRIP AND SHELF
M.O.D.	MOTOR OPERATED DAMPER
MLDG	MOLDING
MTD	MOUNTED
MTG	MEETING/MOUNTING
MOV.	MOVEABLE
MOV. PARTN.	MOVEABLE PARTITION
MULL	MULLION
M	THOUSAND (1000)

N

NAT.	NATURAL
N.S.	NEAR SIDE
NEUT.	NEUTRAL
NRC	NOISE REDUCTION COEFFICIENT
NOM.	NOMINAL
NOR.	NORMAL
N	NORTH
NOS.	NOSING
N.I.C.	NOT-IN-CONTRACT
N.T.S.	NOT-TO-SCALE
NO. or #	NUMBER

O

OBS.	OBSCURE
OBS.GL.	OBSCURE GLASS
OFF.	OFFICE
O.C.	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
O.A.	OUTSIDE AIR
O.D.	OUTSIDE DIAMETER
O.F.	OUTSIDE FACE
O.H.S.	OVAL HEAD SCREW
O.A.	OVERALL
OHD	OVERHEAD
OHD.DR	OVERHEAD DOOR
OXY.	OXYGEN

P

PTD	PAINTED
PR	PAIR
PG.	PAGE
PNL	PANEL
P.T.D.	PAPER TOWEL DISPENSER
P.T.W.R.	PAPER TOWEL WASTE RECEPTACLE
PRL	PARALLEL
PKG	PARKING
P.BD	PARTICLE BOARD
PRTN	PARTITION
PASS.	PASSAGE
PAT.	PATENT
PVMT	PAVEMENT
PVG	PAVING
PED.	PEDESTAL
PERF.	PERFORATED
PERIM.	PERIMETER
PERM.	PERMANENT
PERP.	PERPENDICULAR
P. or Ф	PHASE
PHOTO.	PHOTOGRAPH
P.H.	PHYSICALLY HANDICAPPED
PC.	PIECE
PCS.	PIECES
PLAS.	PLASTER
PL. LAM.	PLASTIC LAMINATE
PL.	PLATE
PL. GL.	PLATE GLASS
PLAT.	PLATFORM
PLBG	PLUMBING
PLWD	PLYWOOD
PT	POINT
P.T.	POINT OF TANGENCY
P.C.	POINT OF CURVATURE
POL.	POLISH/POLISHED
PVC	POLYVINYL CLORIDE
PORC.	PORCELAIN
PORC. ENAM.	PORCELAIN ENAMEL
POR.	POROUS
PORT.	PORTABLE
POS.	POSITION
P.I.V.	POST INDICATOR VALVE
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PCF	POUNDS PER CUBIC FOOT
PWR	POWER PANEL
P/C	PRECAST
P.T.R.	PRECAST TERRAZZO RECEPTOR
PREFAB.	PREFABRICATED
PFN.	PREFINISHED
P.T.WD	PRESERVATIVE TREATED WOOD
P.G.	PRESSURE GAUGE
P.R.V.	PRESSURE REDUCING VALVE
PRIM.	PRIMARY
PROJ.	PROJECT/PROJECTION
PROP.	PROPERTY/PROPOSED
P.L.	PROPERTY LINE
P.A.	PUBLIC ADDRESS
P.S.	PURSE SHELF
P.B.	PUSH BUTTON

Q

QTY	QUANTITY
Q.T.	QUARRY TILE
QTR	QUARTER
QTR. RD	QUARTER ROUND

R

RBT	RABBET
RAD. or R.	RADIUS
R.W.C.	RAIN WATER CONDUCTOR
R.R.	RAILROAD
RECV.	RECEIVE/RECEIVING
RECPT.	RECEPTACLE
R.P.	RECEPTACLE PANEL
REC.	RECESS
RECT.	RECTANGLE/RECTANGULAR
RED.	REDUCER
RWD	REDWOOD
REF.	REFER/REFERENCE
REFL.	REFLECTED/REFLECTIVE
REFR.	REFRIGERATOR
REG.	REGISTER
REINF.	REINFORCE/REINFORCING/ REINFORCEMENT
REM.	REMOVE/REMOVABLE
REP.	REPAIR/REPLACE
REQ'D.	REQUIRED
RESIL.	RESILIENT
RET.	RETURN
R.A.	RETURN AIR
R.A.D.	RETURN AIR DIFFUSER
R.A.F.	RETURN AIR FAN
REV.	REVISED/REVISION
RPM	REVOLUTIONS PER MINUTE
R.	RISER
R.H.	RIGHT HAND
R.H.R.B.	RIGHT HAND REVERSE BEVEL
R.O.W.	RIGHT OF WAY
RN'T	ROOM
RO.	ROUGH OPENING
RND or ◯	ROUND
RHMS	ROUND HEAD MACHINE SCREW
RHWS	ROUND HEAD WOOD SCREW
R.T.	RUBBER TILE

S

SAN.	SANITARY
S.N.D.	SANITARY NAPKIN DISPENSER
S.N.R.	SANITARY NAPKIN RECEPTACLE
SCHED.	SCHEDULE
SCN	SCREEN
STG	SEATING
SECT.	SECTION
SERV.	SERVICE
S.S.	SERVICE SINK
SHTHG	SHEATHING
SHT	SHEET
SHT. MET.	SHEET METAL
SH.& R.	SHELF AND ROD
SHWR	SHOWER
S.C.R.	SHOWER CURTAIN ROD
S.DR	SHOWER DOOR
S.W.	SIDEWALK
SIM.	SIMILAR
SGL.	SINGLE
SIK	SINK
S.D.	SOAP DISPENSER
S.C.	SOLID CORE
STC	SOUND TRANSMISSION CLASS
S	SOUTH
SP.	SPACE
SPR.	SPARE
SPKR	SPEAKER
SPEC.	SPECIFICATIONS
S.D.	SPLITTER DAMPER
SPRYED	SPRAYED
SPKLR	SPRINKLER
SQ.	SQUARE
S.F.	SQUARE FEET/SQUARE FOOT
STAG.	STAGGERED
ST.STL	STAINLESS STEEL
STD	STANDARD
SP.	STANDPIPE
S.P.	STATIC PRESSURE
STA.	STATION
STM	STEAM
STL	STEEL
STL. PL.	STEEL PLATE
STIFF.	STIFFENER
STO. FR.	STOREFRONT
STOR.	STORAGE
STR.	STRAIGHT
ST.	STREET
STRUCT.	STRUCTURAL
S-	STRUCTURAL DRAWING-NO.
S.G.F.T.	STRUCTURAL GLAZED FACING TILE
S.STL	STRUCTURAL STEEL
SS.D.	SUBSOIL DRAIN
SS.D.C.	SUBSOIL DRAIN CONNECTION
SUB.	SUBSTATION
S.A.G.	SUPPLY AIR GRILLE
S.D.	SUPPLY DIFFUSER/ DUCT
SUBST.	SUBSTITUTE
S.A.R.	SUPPLY AIR REGISTER
S.F.	SUPPLY FAN

S

SW.	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SYM	SYMBOL/ SYMMETRICAL
SYS.	SYSTEM
SUPP.	SUPPORT
SURF.	SURFACE/ SURFACING
SUSP.	SUSPEND/ SUSPENSION

T

T.BD	TACKBOARD
TAN.	TANGENT
TECH.	TECHNICAL
TEL.	TELEPHONE
TEL. CAB.	TELEPHONE CABINET
TV	TELEVISION
TV.M	TELEVISION MONITOR
TEMP.	TEMPERATURE
TEMP. GL.	TEMPERED GLASS
T.U.	TERMINAL UNIT
TERR.	TERRAZZO
T.B.	TEST BORING
T.	THERMOSTAT
THK	THICK/ THICKNESS
T.S.	THICKENED SLAB
THD	THREAD
THRESH.	THRESHOLD
THRU	THROUGH
T.	TILE
T./ TOIL.	TOILET
T.P.D.	TOILET PAPER DISPENSER
T.P.H.	TOILET PAPER HOLDER
T & G	TONGUE 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/PR	TOP OF PAVEMENT
T/R	TOP OF RIM
T/S	TOP OF STEEL
T/W	TOP OF WALL
T.B.	TOWEL BAR
T.D.	TOWEL DISPENSER
TD & WR	TOWEL DISPENSER AND WASTE RECEPTACLE
T.G.	TRANSFER GRILLE
TRFR	TRANSFORMER
TRAN.	TRANSOM
T	TREAD
T.D.	TRENCH DRAIN
TS	TUBE SECTION
T.V.	TURNING VANE
T.T.	TWIN TEE
TYP.	TYPICAL

U

U.C.	UNDERCUT
U.G.	UNDER GROUND
U.L.	UNDERWRITER'S LABORATORY
ULT.	ULTIMATE
UNFIN.	UNFINISHED
U.H.	UNIT HEATER
U.SUB.	UNIT SUBSTATION
U.V.	UNIT VENTILATOR
USGS	UNITED STATES GEOLOGICAL SURVEY
U.O.N.	UNLESS OTHERWISE NOTED
UR.	URINAL

V

VAC.	VACUUM
V.B.	VACUUM BREAKER
V.C.O.	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
V.I.F.	VERIFY IN FIELD
VS.	VERSUS
VERT.	VERTICAL/ VERTICALLY
VERT. C.	VERTICAL CURVE
VEST.	VESTIBULE
V.I.	VIBRATION ISOLATOR
VNY	VINYL
VCT	VINYL COMPOSITION TILE
VIN. FAB.	VINYL FABRIC
V.R.S.	VINYL REDUCER STRIP
VIT.	VITREOUS
VCP	VITRIFIED CLAY PIPE
VOL.	VOLUME
V.D.	VOLUME DAMPER
V	VOLTS

W

WAINS.	WAINSCOT
W.CAB.	WALL CABINET
W.C.O.	WALL CLEAN OUT
W.H.	WALL HYDRANT
W/W	WALL-TO-WALL
WHSE	WALL VENT
W.F.	WAREHOUSE
W.	WASH FOUNTAIN
W.& V	WASTE/ WATTS
W.R.	WASTE AND VENT
W.C.	WASTE RECEPTACLE
W.G.	WATER CLOSET
W.H.	WATER GAUGE
WP	WATER HEATER
W.PRFG.	WATERPROOFING
W.STPG.	WEATHERPROOFING
WT.	WEATHERSTRIPPING
W.W.F.	WEIGHT
W	WELDED WIRE FABRIC
W.B.	WEST
W.	WET BULB
W._x_	WIDE/ WIDTH
WT	WIDE FLANGE SECTION
W.O.	WIDE FLANGE TEE SECTION
W.GL.	WINDOW OPENING
W.M.	WIRE GLASS
w/	WIRE MESH
w/o	WITH
WD	WITHOUT
W.L.	WOOD
W.P.	WORK LINE
W.I.	WORK POINT
	WROUGHT IRON

X

Y

YD	YARD
Y.P.	YIELD POINT
Y.S.	YIELD STRENGTH
YR	YEAR

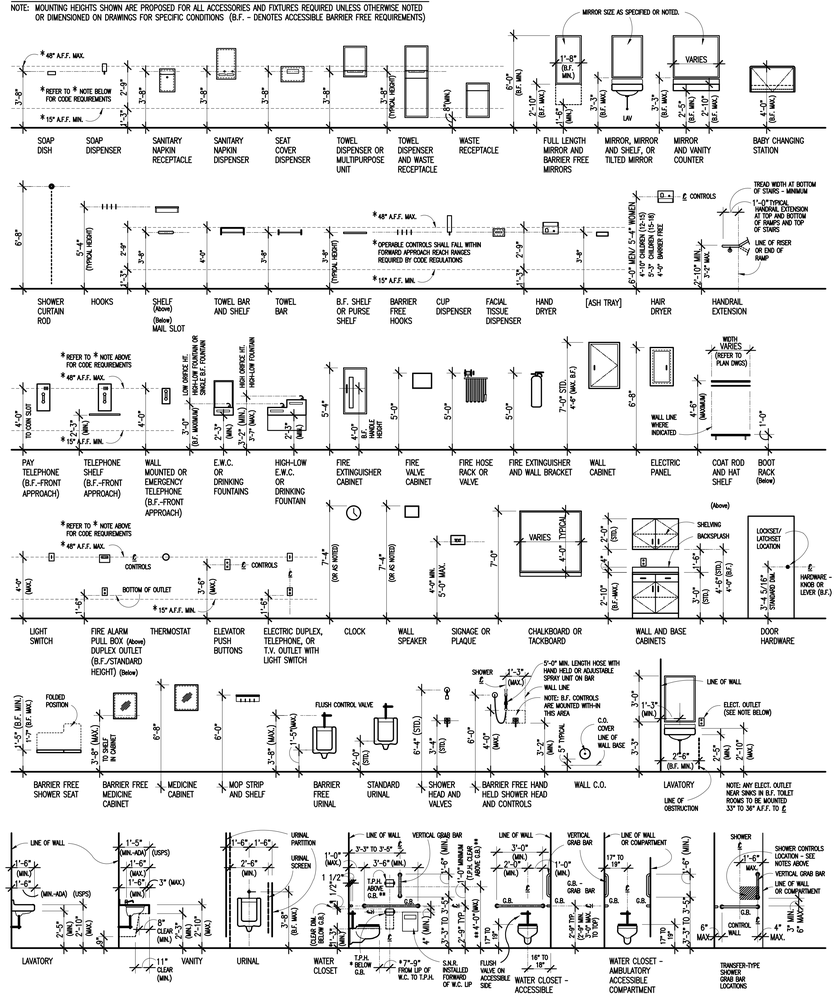
Z

ZC	ZINC

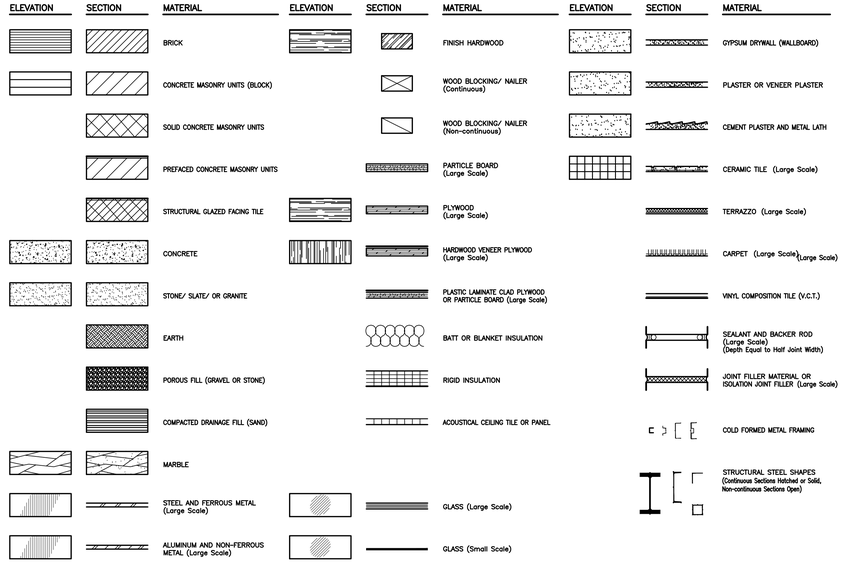
TYPICAL MOUNTING HEIGHTS

MISCELLANEOUS ACCESSORIES, TOILET ACCESSORIES AND FIXTURES

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



MATERIAL DESIGNATIONS


ELEVATION
SECTION
MATERIAL
BRICK
CONCRETE MASONRY UNITS (BLOCK)
SOLID CONCRETE MASONRY UNITS
PREFACED CONCRETE MASONRY UNITS
STR

STRUCTURAL GENERAL NOTES

GENERAL

1. THIS BUILDING HAS BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MICHIGAN BUILDING CODE, 2015 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. MASONRY.
      I. MASONRY SPECIAL INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH TMS 402 & TMS 602 AND SHALL BE LEVEL B QUALITY ASSURANCE.
   B. STEEL.
      I. STEEL SPECIAL INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH AISC 360.

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 STRUCTURAL STEEL AND COLD FORMED METAL 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 WITH NEW WORK.

DIVISION 4 - MASONRY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DIVISION 5 - STRUCTURAL STEEL

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

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

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

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

3. ALL WELDING SHALL BE PERFORMED USING THE ELECTRIC ARC METHOD IN ACCORDANCE WITH THE LATEST REVISION OF THE AMERICAN WELDING SOCIETY (AWS) D1.1 "STRUCTURAL WELDING CODE". E70XX ELECTRODES CONFORMING TO AWS A5.1 OR A5.5 SHALL BE USED FOR SHIELDED METAL ARC METHOD & FX7-EC0XX 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 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.

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

8. 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.

9. 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.

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

11. 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.

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

DESIGN CRITERIA

MICHIGAN BUILDING CODE 2015 (ASCE 7-10)
RISK CATEGORY III.

WIND LOADS

- BASIC WIND SPEED — 120 MPH (3 SEC GUST)
- EXPOSURE CATEGORY — B
- COMPONENTS AND CLADDING PER ASCE 7

SEISMIC DESIGN DATA

- SITE CLASS — D
- RESPONSE COEFFICIENTS — $SD_S = 0.097$, $SD_1 = 0.075$
- SEISMIC DESIGN CATEGORY — B

ABBREVIATIONS

@	AT
A.B.	ANCHOR BOLT
ADD'L	ADDITIONAL
A.F.F.	ABOVE FINISHED FLOOR
B.C.	BOTTOM CHORD
B.O.	BOTTOM OF
B.O.D.	BOTTOM OF DECK
B.O.F.	BOTTOM OF FOOTING
B.O.S.	BOTTOM OF STEEL
B.O.T.	BOTTOM OF TRUSS
B.S.	BOTH SIDES
BM	BEAM
BOTT	BOTTOM
BRG	BEARING
C.L.	CENTER LINE
CJ	CONTROL JOINT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CSJ	CONSTRUCTION JOINT
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DL	DEAD LOAD
DWG	DRAWING
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
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

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
BLOOMFIELD HILLS · MICHIGAN · 48302
PH 248.338.4561 FX 248.338.0223
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REGISTRATION SEAL

CONSULTANT

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

PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Structural General Notes

ISSUE DATES

DATE:	ISSUED FOR:
07/31/2023	CONSTRUCTION DOCUMENTS

DRAWN	D. BART
CHECKED	B. KANNERS
APPROVED	E. MANNOR

PROJECT NO.

22070G

DRAWING NO.

S0.0

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PARTAIL FRAMING PLAN – ZONE 'G'
SCALE: 1/8" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
1191 WEST SQUARE LAKE ROAD · BOX 289
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REGISTRATION SEAL

CONSULTANT

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

PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Framing Plan Zone 'G'

ISSUE DATES

DATE:	ISSUED FOR:
07/31/2023	CONSTRUCTION DOCUMENTS

DRAWN	D. BART
CHECKED	B. KANNERS
APPROVED	E. MANNOR

PROJECT NO.

22070G

DRAWING NO.

S1.2G

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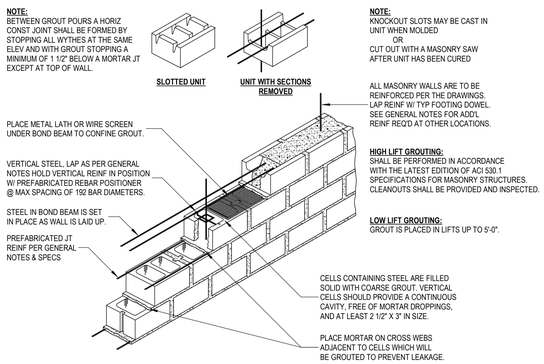
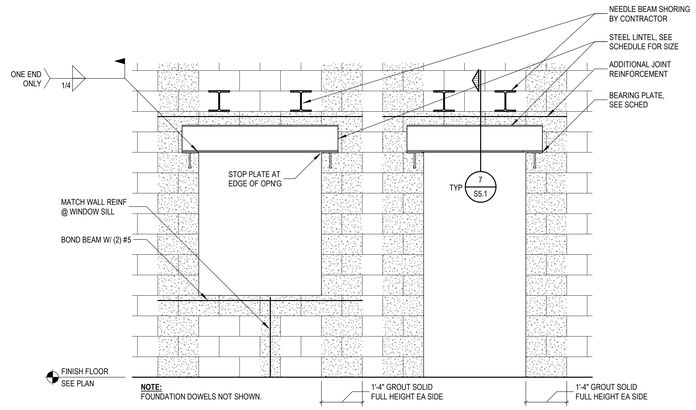
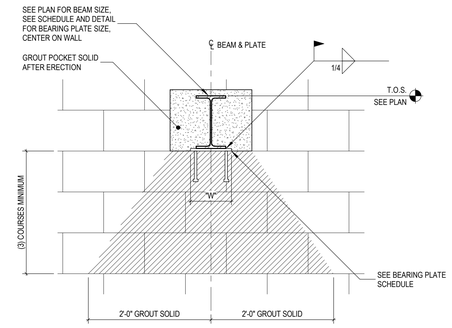


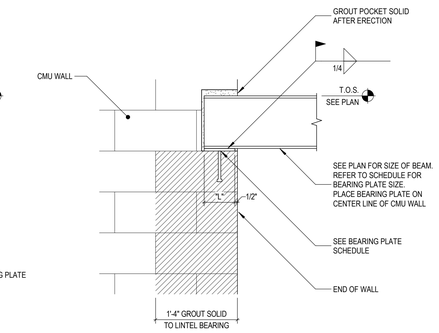
1 S5.1 LOW-LIFT GROUTING TECHNIQUE
NOT TO SCALE



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

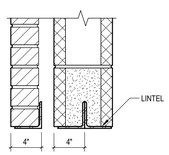


3 S5.1 TYPICAL BEAM PERPENDICULAR TO WALL
NOT TO SCALE



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

LINTELS ARE SCHEDULED FOR EACH 4" UNIT OF MASONRY



LOOSE LINTEL SCHEDULE

*L (FT)	SIZE OF LINTEL	BEARING EACH END (IN)
UP TO 4	L3-1/2X3-1/2X1/4	4
5	L3-1/2X3-1/2X1/4	6
6	L3-1/2X3-1/2X1/4	6
7	L4X3-1/2X1/4 L.L.V.	6
8	L5X3-1/2X1/4 L.L.V.	8
9	L6X3-1/2X1/4 L.L.V.	8

NOTES:
1. LINTEL SCHEDULE APPLIES AT ALL OPENINGS IN MASONRY VENEER AND NON-LOAD BEARING MASONRY, SEE ARCH FOR SIZE AND LOCATIONS.
2. (S.L.V.) - SHORT LEG VERTICAL.
3. (L.L.V.) - LONG LEG VERTICAL.
4. *L = CLEAR OPENING

5 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

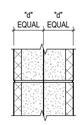
DESIGN CRITERIA:
Fy = 60,000 PSI
Fm = 2,000 PSI

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

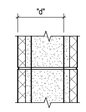
BARS PLACED FOR MAX "d" (DOUBLE REINFORCING)

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

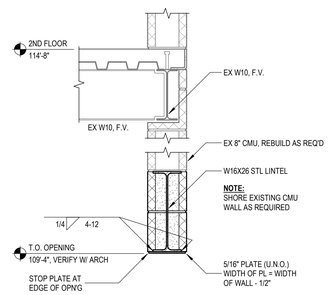


WALL SECTION-SINGLE REINFORCING
"d" = 1/2 SPECIFIED UNIT THICKNESS

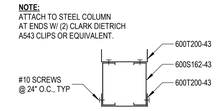


WALL SECTION-DOUBLE REINFORCING
"d" = NOMINAL UNIT THICKNESS MINUS 3"

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



7 S5.1 TYP STEEL LINTEL DETAIL
NOT TO SCALE



8 S5.1 DETAIL
SCALE: 1 1/2" = 1'-0"

TMP ARCHITECTURE

TMP ARCHITECTURE INC
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REGISTRATION SEAL

CONSULTANT

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

PROJECT TITLE
Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE
Masonry Details

ISSUE DATES

DATE:	ISSUED FOR:
07/31/2023	CONSTRUCTION DOCUMENTS

DRAWN	D. BART
CHECKED	B. KANNERS
APPROVED	E. MANNOR

PROJECT NO.
22070G

DRAWING NO.
S5.1

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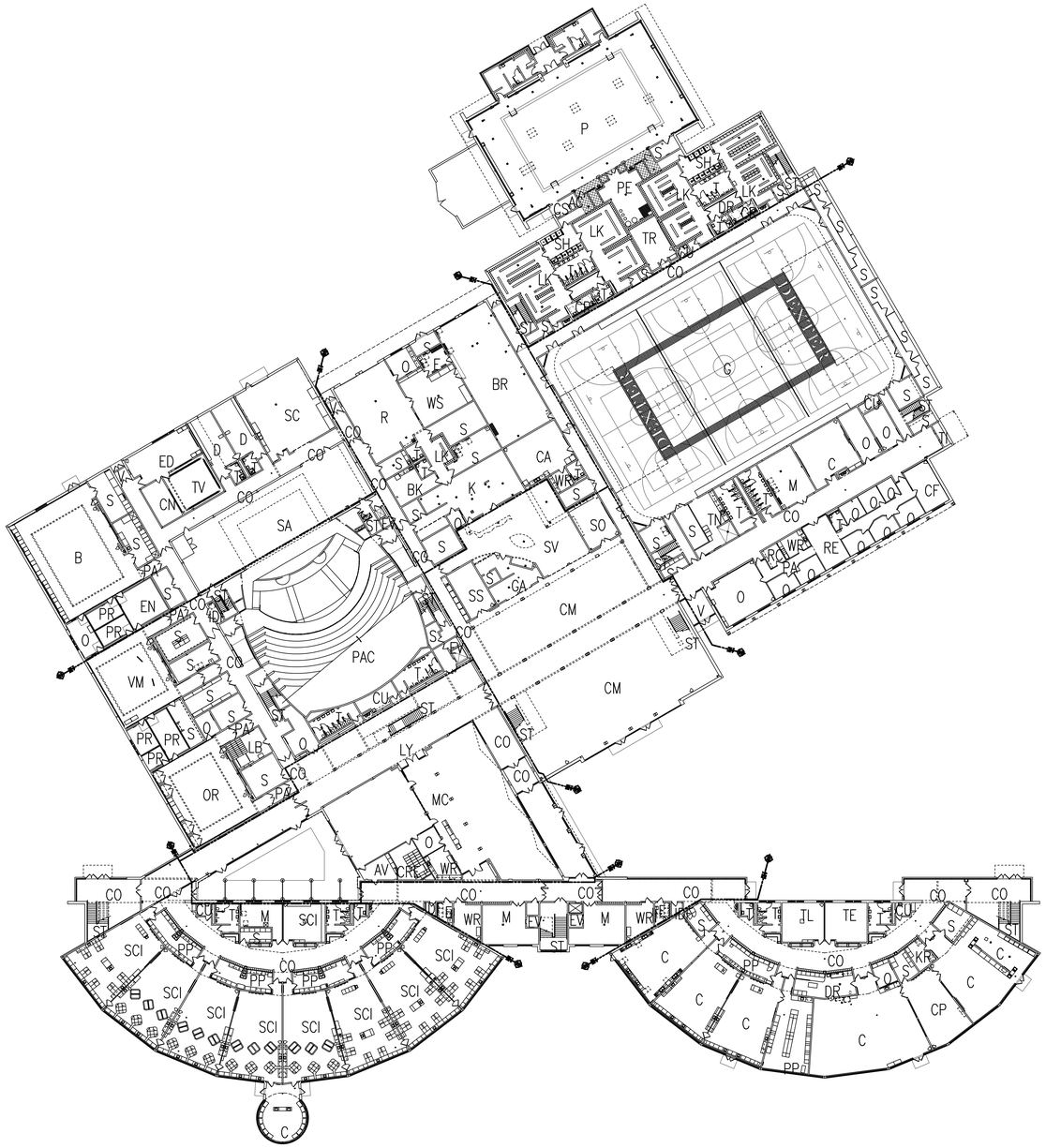

ROOM USE LEGEND

AC	ACID STORAGE	M	MECHANICAL
AS	ART STUDIO	MC	MEDIA CENTER
AV	AUDIO/VIDEO PRODUCTION	MS	MOTOR SKILLS
B	BAND	MU	MUSIC
BK	BREAKROOM	N	NURSE
BO	BREAK OUT	O	OFFICE
BR	BOILER ROOM	OR	ORCHESTRA
C	CLASSROOM	PA	PASSAGE
CA	CAFETERIA	PAC	PERFORMING ARTS CENTER
CB	COLLABORATION	PE	POOL EQUIPMENT
CF	CONFERENCE	PL	POOL
CL	CLOSET	PP	PREPARATION
CM	COMMONS	PR	PRACTICE
CN	CONTROL	R	RECEIVING
CO	CORRIDOR	RC	RECORDS
CON	CONCESSIONS	RE	RECEPTION
CN	CLINIC	S	STORAGE
CP	COMPUTER	SA	STAGE
CR	CHANGING ROOM	SB	SOUND BOOTH
CRE	CLOSED RESERV	SC	SCENE SHOP
CS	CHLORINE STORAGE	SCI	SCIENCE LAB
CU	CUSTODIAL	SE	SPECIAL EDUCATION
D	DRESSING	SF	STAFF
DR	DARKROOM	SH	SHOWER
E	ELECTRICAL	SO	STUDENT ORGANIZATION
ED	EDITING	SS	STUDENT STORE
EN	ENSEMBLE	ST	STAIR
EV	ELEVATOR	SV	SERVERY
FL	FLEXIBLE LEARNING STUDIO	T	TOILET
G	GYMNASIUM	TC	TECH CLOSET
GA	GALLERY	TE	TECH. EDUCATION
IDF	IDF	TI	TIME CAPSULE
F	FITNESS	TK	TRACK
FS	FILE SERVER	TL	TRAINING LAB
JC	JANITOR'S CLOSET	TN	TRAINING
K	KITCHEN	TR	TEAM ROOM
KR	KILN ROOM	TV	TV STUDIO
L	LAB	V	VESTIBULE
LB	LIBRARY	VM	VOCAL MUSIC
LI	LIGHT BOOTH	W	WRESTLING
LK	LOCKERS	WR	WORKROOM
LS	LIFE SKILLS	WS	WORKSHOP
LY	LOBBY		

FIRST LEVEL COMPOSITE FLOOR PLAN
SCALE: 1/32" = 1'-0"

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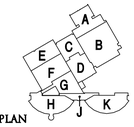
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE
Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE
First Level Composite Floor Plan



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

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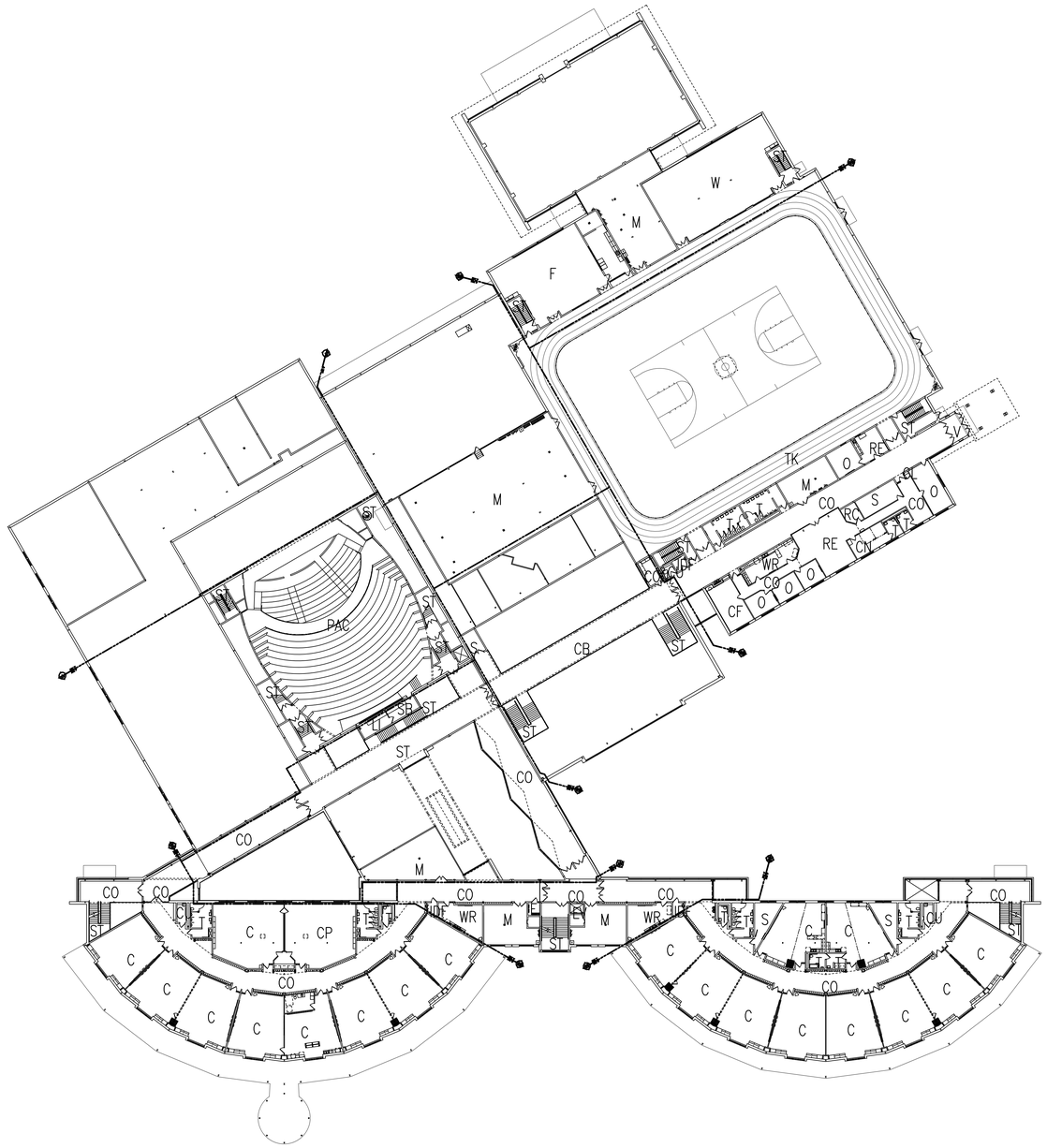
CHECKED	...
APPROVED	...

PROJECT NO.
22070G

DRAWING NO.
AC.1

ROOM USE LEGEND

AC	ACID STORAGE	M	MECHANICAL
AS	ART STUDIO	MC	MEDIA CENTER
AV	AUDIO/VIDEO PRODUCTION	MS	MOTOR SKILLS
B	BAND	MU	MUSIC
BK	BREAKROOM	N	NURSE
BO	BREAK OUT	O	OFFICE
BR	BOILER ROOM	OR	ORCHESTRA
C	CLASSROOM	PA	PASSAGE
CA	CAFETERIA	PAC	PERFORMING ARTS CENTER
CB	COLLABORATION	PE	POOL EQUIPMENT
CF	CONFERENCE	PL	POOL
CL	CLOSET	PP	PREPARATION
CM	COMMONS	PR	PRACTICE
CN	CONTROL	R	RECEIVING
CO	CORRIDOR	RC	RECORDS
CON	CONCESSIONS	RE	RECEPTION
CN	CLINIC	S	STORAGE
CP	COMPUTER	SA	STAGE
CR	CHANGING ROOM	SB	SOUND BOOTH
CRE	CLOSED RESERV	SC	SCENE SHOP
CS	CHLORINE STORAGE	SCI	SCIENCE LAB
CU	CUSTODIAL	SE	SPECIAL EDUCATION
D	DRESSING	SF	STAFF
DR	DARKROOM	SH	SHOWER
E	ELECTRICAL	SO	STUDENT ORGANIZATION
ED	EDITING	SS	STUDENT STORE
EN	ENSEMBLE	ST	STAIR
EV	ELEVATOR	SV	SERVERY
FL	FLEXIBLE LEARNING STUDIO	T	TOILET
G	GYMNASIUM	TC	TECH CLOSET
GA	GALLERY	TE	TECH. EDUCATION
IDF	IDF	TI	TIME CAPSULE
F	FITNESS	TK	TRACK
FS	FILE SERVER	TL	TRAINING LAB
JC	JANITOR'S CLOSET	TN	TRAINING
K	KITCHEN	TR	TEAM ROOM
KR	KILN ROOM	TV	TV STUDIO
L	LAB	V	VESTIBULE
LB	LIBRARY	VM	VOCAL MUSIC
LI	LIGHT BOOTH	W	WRESTLING
LK	LOCKERS	WR	WORKROOM
LS	LIFE SKILLS	WS	WORKSHOP
LY	LOBBY		



SECOND LEVEL COMPOSITE FLOOR PLAN
SCALE: 1/32" = 1'-0"

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REGISTRATION SEAL

CONSULTANT

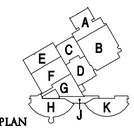
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Second Level Composite Floor Plan



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN	DSB
CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

AC.2

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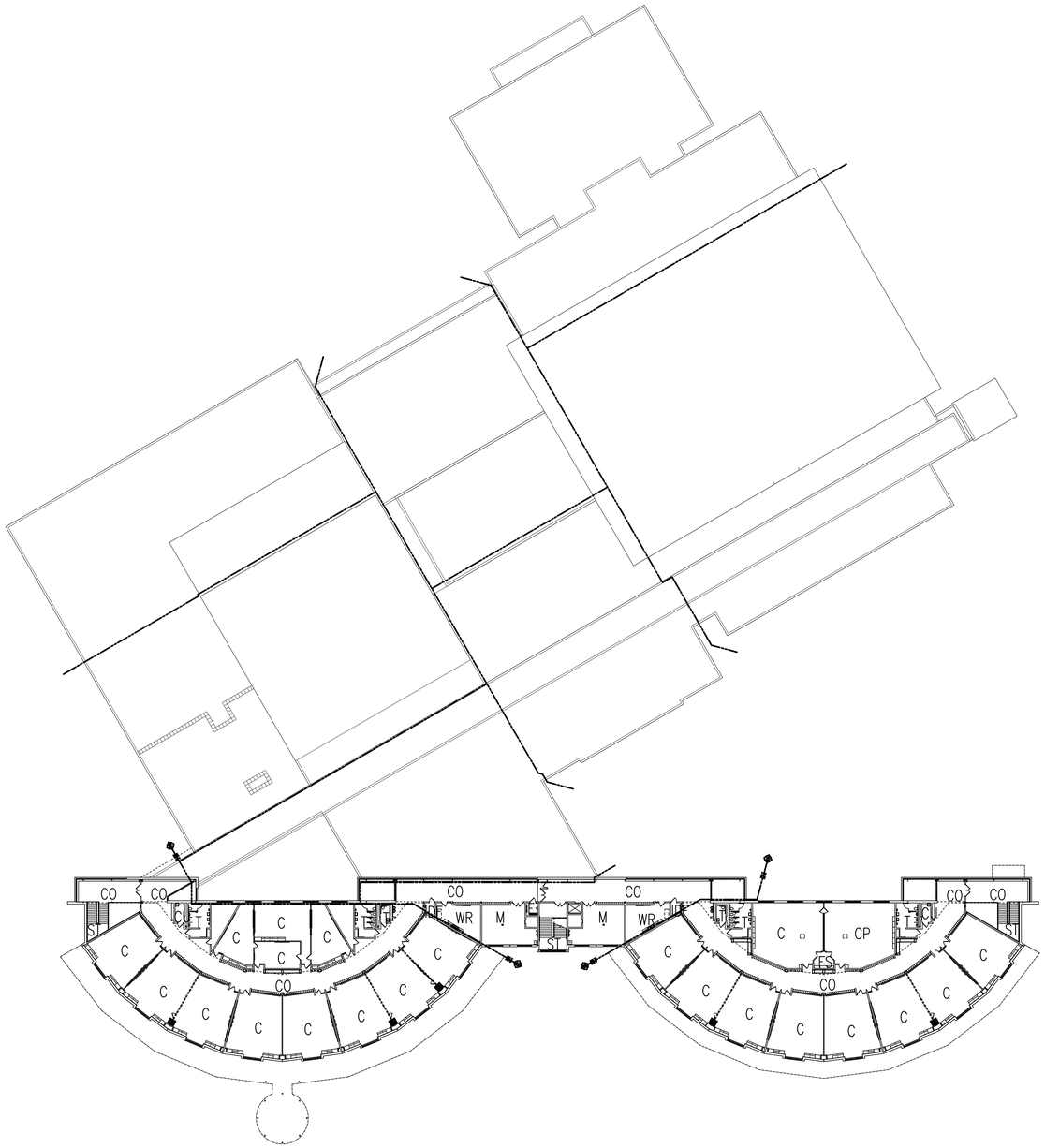

THIRD LEVEL COMPOSITE FLOOR PLAN
SCALE: 1/32" = 1'-0"

ROOM USE LEGEND

AC	ACID STORAGE	M	MECHANICAL
AS	ART STUDIO	MC	MEDIA CENTER
AV	AUDIO/VIDEO PRODUCTION	MS	MOTOR SKILLS
B	BAND	MU	MUSIC
BK	BREAKROOM	N	NURSE
BO	BREAK OUT	O	OFFICE
BR	BOILER ROOM	OR	ORCHESTRA
C	CLASSROOM	PA	PASSAGE
CA	CAFETERIA	PAC	PERFORMING ARTS CENTER
CB	COLLABORATION	PE	POOL EQUIPMENT
CF	CONFERENCE	PL	POOL
CL	CLOSET	PP	PREPARATION
CM	COMMONS	PR	PRACTICE
CN	CONTROL	R	RECEIVING
CO	CORRIDOR	RC	RECORDS
CON	CONCESSIONS	RE	RECEPTION
CN	CLINIC	S	STORAGE
CP	COMPUTER	SA	STAGE
CR	CHANGING ROOM	SB	SOUND BOOTH
CRE	CLOSED RESERV	SC	SCENE SHOP
CS	CHLORINE STORAGE	SCI	SCIENCE LAB
CU	CUSTODIAL	SE	SPECIAL EDUCATION
D	DRESSING	SF	STAFF
DR	DARKROOM	SH	SHOWER
E	ELECTRICAL	SO	STUDENT ORGANIZATION
ED	EDITING	SS	STUDENT STORE
EN	ENSEMBLE	ST	STAIR
EV	ELEVATOR	SV	SERVERY
FL	FLEXIBLE LEARNING STUDIO	T	TOILET
G	GYMNASIUM	TC	TECH CLOSET
GA	GALLERY	TE	TECH. EDUCATION
IDF	IDF	TI	TIME CAPSULE
F	FITNESS	TK	TRACK
FS	FILE SERVER	TL	TRAINING LAB
JC	JANITOR'S CLOSET	TN	TRAINING
K	KITCHEN	TR	TEAM ROOM
KR	KILN ROOM	TV	TV STUDIO
L	LAB	V	VESTIBULE
LB	LIBRARY	VM	VOCAL MUSIC
LI	LIGHT BOOTH	W	WRESTLING
LK	LOCKERS	WR	WORKROOM
LS	LIFE SKILLS	WS	WORKSHOP
LY	LOBBY		

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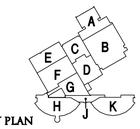
CONSULTANT

PROJECT TITLE
Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE
Third Level Composite Floor Plan



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN	DSB
CHECKED	...
APPROVED	...

PROJECT NO.
22070G

DRAWING NO.
AC.3

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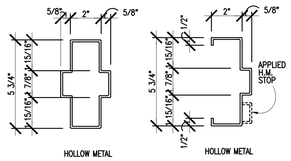
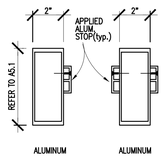
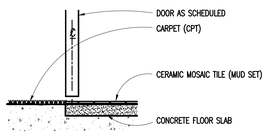


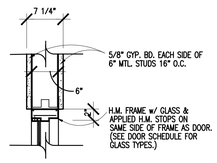
F / AD.1 TYPICAL HM FRAME PROFILES
SCALE: 3" = 1'-0"



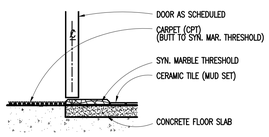
F / AD.1 TYPICAL AL FRAME PROFILES
SCALE: 3" = 1'-0"



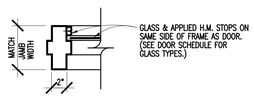
D / AD.1 SILL DETAIL-CMT. TO CARPET
SCALE: 1 1/2" = 1'-0"



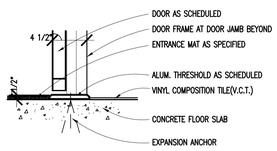
4 / AD.1 H.M. BORROWED LITE HEAD AND JAMB
SCALE: 1 1/2" = 1'-0"



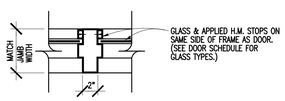
C / AD.1 SILL DETAIL-CT. TO CARPET
SCALE: 1 1/2" = 1'-0"



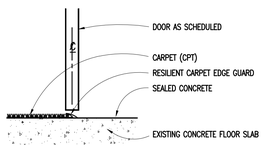
3 / AD.1 H.M. DR. JAMB @ BORROWED LITE
SCALE: 1 1/2" = 1'-0"



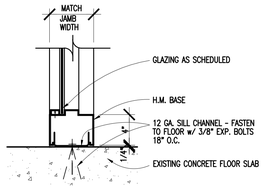
B / AD.1 ALUM. THRESHOLD @ ENTRY MAT
SCALE: 1 1/2" = 1'-0"



2 / AD.1 H.M. MULLION @ BORROWED LITE
SCALE: 1 1/2" = 1'-0"



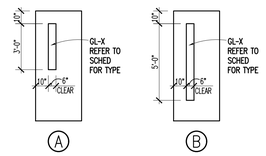
A / AD.1 SILL DETAIL-CONC. TO CARP.
SCALE: 1 1/2" = 1'-0"



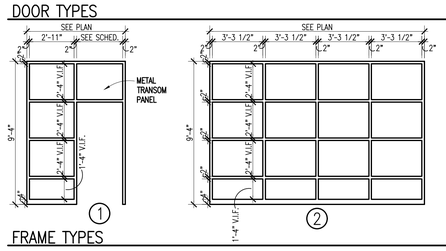
1 / AD.1 H.M. BORROWED LITE SILL
SCALE: 1 1/2" = 1'-0"

DOOR & FRAME SCHEDULE

Opening		Door				Frame				Details						
No.	Opening Size (Width x Height)	Type	Material	Finish	Glass	Type	Material	Finish	Glass	Head	Jamb	Sill	Threshold	U.L. Label	Hdwe. Set	Remarks
First Floor Level - Zone 'G'																
G104A	(2) 3'-4"x 6'-10" V.I.F.	A	WD	PFN	GL-2	EX	EX	EX	EX	.	.	.	.	.	04	NEW DOORS IN EXISTING FRAME, V.I.F. OPENING DIMENSIONS
G104B	(2) 3'-4"x 6'-10" V.I.F.	A	WD	PFN	FRGL-3	EX	EX	EX	EX	.	.	.	.	90	02	NEW DOORS IN EXISTING FRAME, V.I.F. OPENING DIMENSIONS
G104C	14'-0"x 9'-4" - BORROWED LITE	-	-	-	-	2	HM	PTD	FRGL-1	4/AD.1	2/AD.1, 4/AD.1	1/AD.1	.	.	.	COORDINATE WITH EXISTING, V.I.F.
G104D	14'-0"x 9'-4" - BORROWED LITE	-	-	-	-	2	HM	PTD	FRGL-1	4/AD.1	2/AD.1, 4/AD.1	1/AD.1	.	.	.	COORDINATE WITH EXISTING, V.I.F.
G110A	3'-0"x 6'-10"	B	WD	PFN	GL-2	1	HM	PTD	GL-2	4/AD.1	2/AD.1, 3/AD.1	1/AD.1	.	.	03	COORDINATE FRAME SETBACK IN WALL TO ALIGN W/ EXISTING
G110B	(2) 3'-8 1/2"x 6'-10"	-	AL/GL	PFN	GL-2	-	AL/GL	PFN	GL-2	2/A5.1	1/A5.1	2/A5.1	.	.	01	SLIDING ALUMINUM MALL FRONT SYSTEM INSIDE ALUMINUM FRAMED OPENING, REFER TO A5.1 & A7.1
G110C	3'-0"x 6'-10"	B	WD	PFN	GL-2	1	HM	PTD	GL-2	4/AD.1	2/AD.1, 3/AD.1	1/AD.1	.	.	03	COORDINATE FRAME SETBACK IN WALL TO ALIGN W/ EXISTING
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.



DOOR TYPES



FRAME TYPES

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 LOCATION.
2. DOORS ARE 1-3/4" THICK 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 (U.O.N.).
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 ASTERISK (*) CALLS ATTENTION TO THE REMARKS COLUMN OF THE SCHEDULE.
7. WHERE NEW DOORS ARE INDICATED IN EXISTING FRAMES, FIELD VERIFY EXISTING FRAME PREP'S AND FABRICATE DOORS TO MATCH.

U.L. DOOR LABEL DESIGNATIONS:

U.L. LABEL**	MIN. OPENING PROTECTION ASSEMBLY
180	3 HR. FIRE RATING
90	1-1/2 HR. FIRE RATING
60	1 HR. FIRE RATING
45	3/4 HR. FIRE RATING
20	1/3 HR. FIRE RATING

** ALL FIRE RATED DOORS SHALL BE SMOKE AND DRAFT CONTROL LABELED IN ADDITION TO U.L. LABELS INDICATED.

GLAZING TYPES

(REFER TO SPECIFICATIONS FOR ASSEMBLIES)

GL-1	1/4" (6mm) CLEAR ANNEALED MONOLITHIC GLASS
GL-2	1/4" (6mm) CLEAR TEMPERED MONOLITHIC GLASS
FRGL-1	1/4" (6mm) FIRE PROTECTIVE GLAZING (20 MIN.)
FRGL-3	3/16" (5mm) FIRE PROTECTIVE GLAZING (90 MIN.)

TMP ARCHITECTURE

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE
Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE
Door & Frame Schedule

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN ASH
CHECKED ...
APPROVED ...

PROJECT NO.
22070G

DRAWING NO.
AD.1

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Jul 28, 2023 - 11:43am

GENERAL NOTES

1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED AND ADDITIONAL DEMOLITION AND PATCHING WORK BY MECHANICAL AND ELECTRICAL TRADES.
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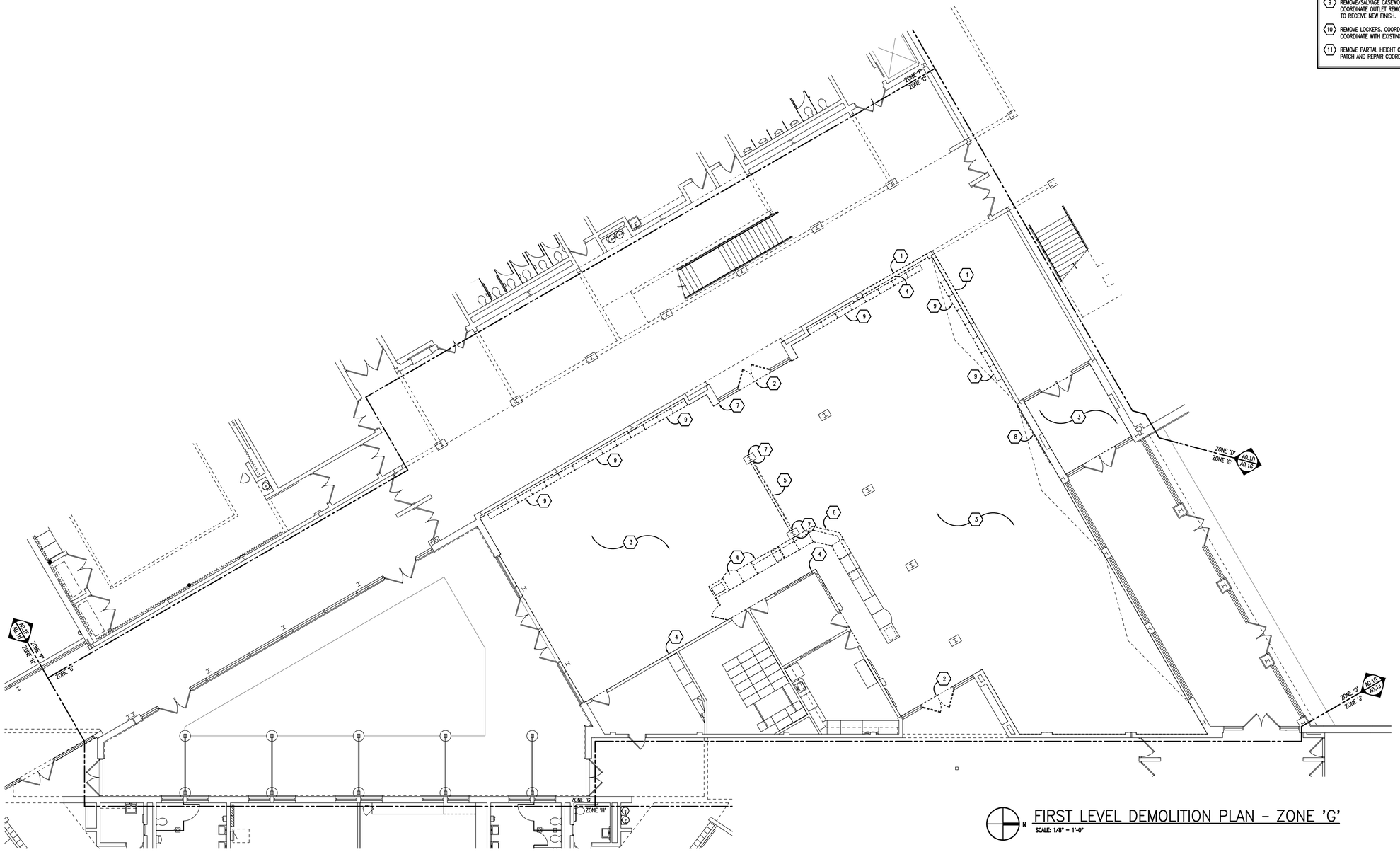

N

FIRST LEVEL DEMOLITION PLAN - ZONE 'G'

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

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REGISTRATION SEAL

CONSULTANT

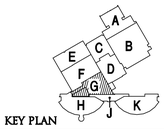
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

First Level Demolition Plan - Zone 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS
06-30-2023	OWNER REVIEW

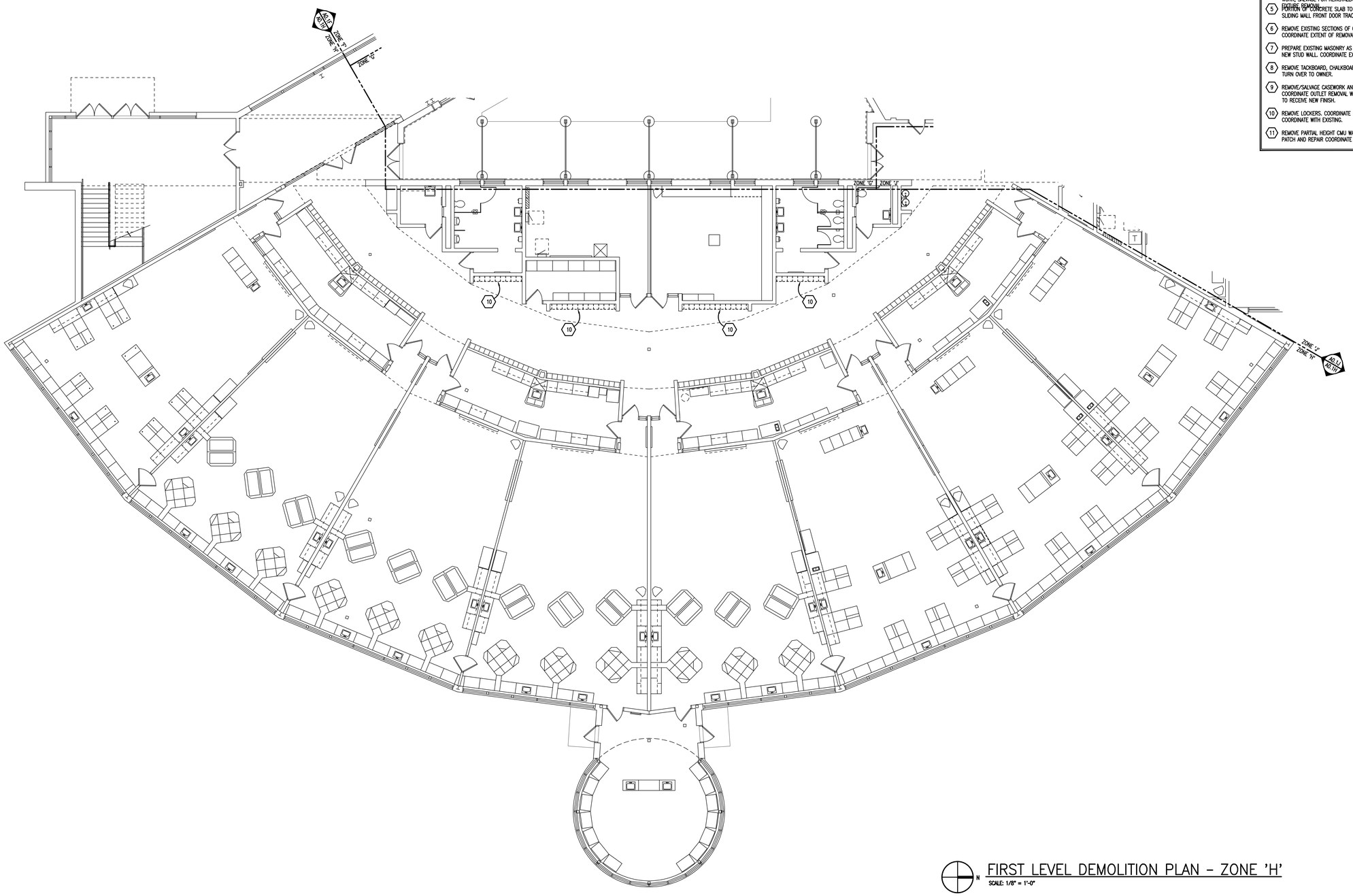
DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A0.1G



FIRST LEVEL DEMOLITION PLAN - ZONE 'H'

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TMP ARCHITECTURE

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REGISTRATION SEAL

CONSULTANT

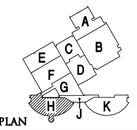
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

First Level Demolition Plan - Zone 'H'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

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CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A0.1H - ALTERNATE NO.1

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Jul 25, 2023 - 3:46pm

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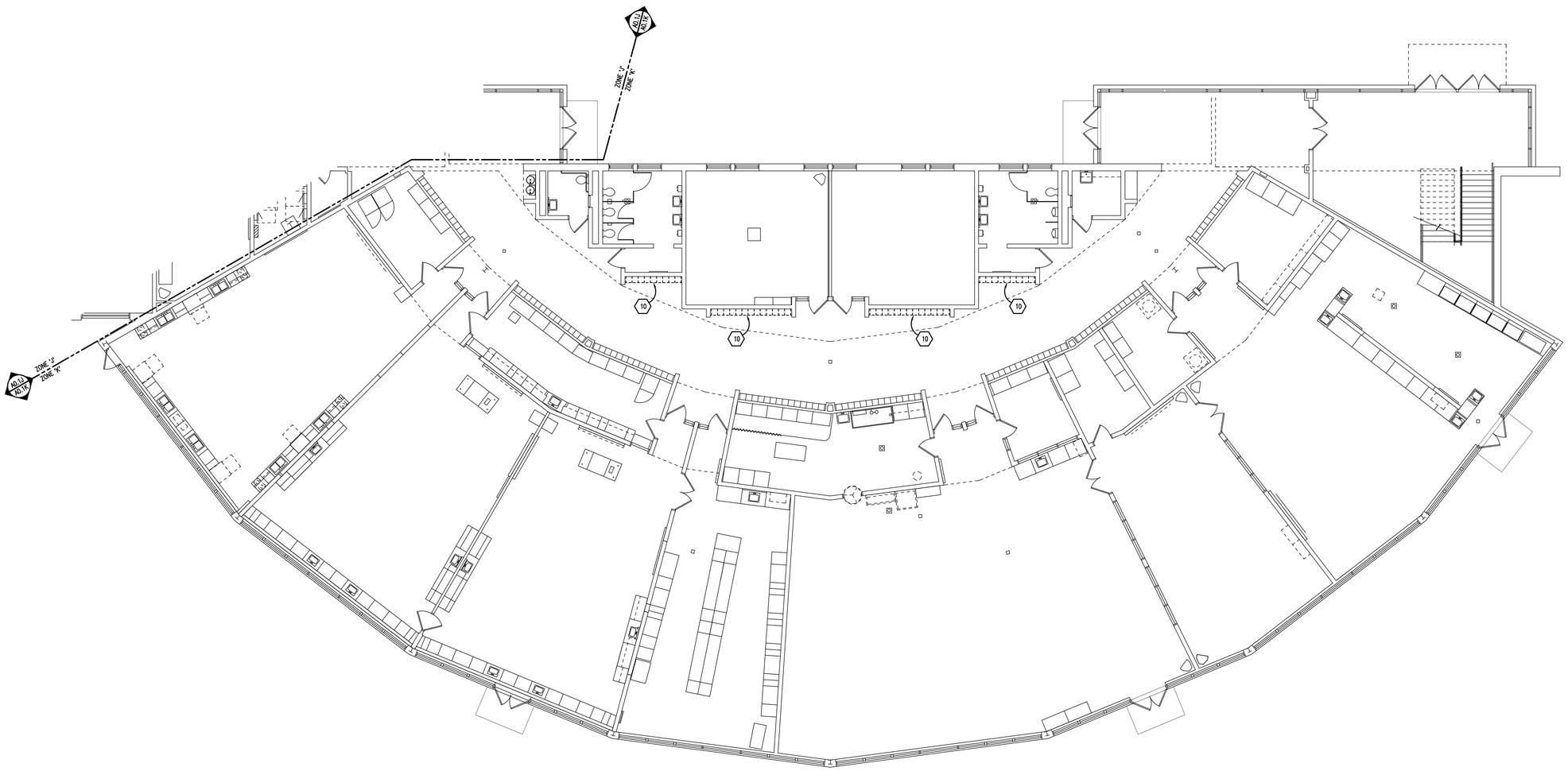

FIRST LEVEL DEMOLITION PLAN – ZONE 'K'
SCALE: 1/8" = 1'-0"

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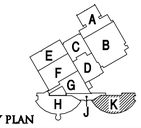
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE
Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE
First Level Demolition Plan - Zone 'K'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

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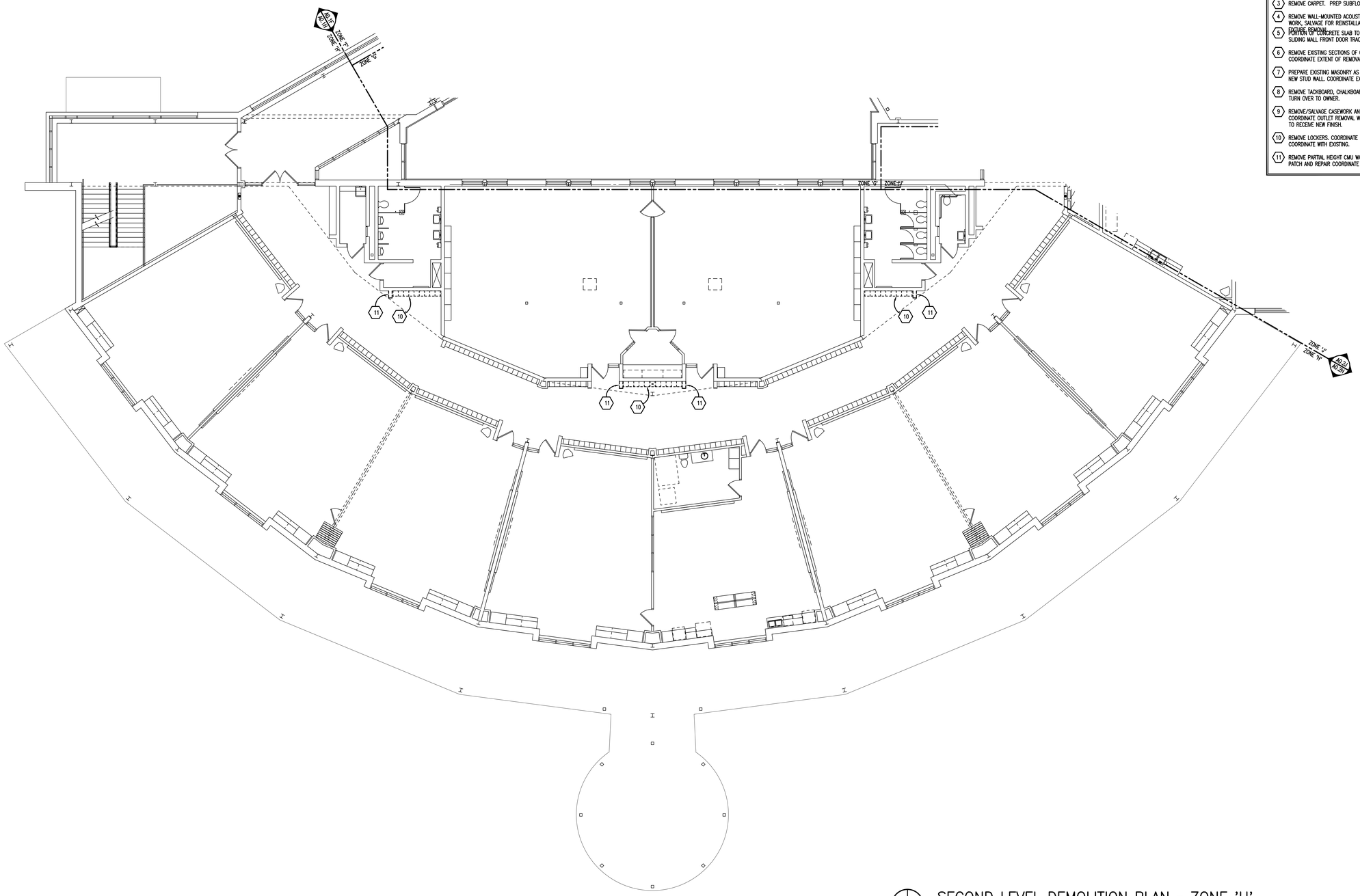
PROJECT NO.
22070G

DRAWING NO.
A0.1K - ALTERNATE NO.1



SECOND LEVEL DEMOLITION PLAN - ZONE 'H'

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TMP ARCHITECTURE

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EM · INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

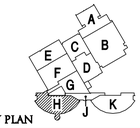
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Second Level Demolition Plan - Zone 'H'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

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APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A0.2Hi - ALTERNATE NO.1

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Jul 27, 2023 - 3:47pm

GENERAL NOTES

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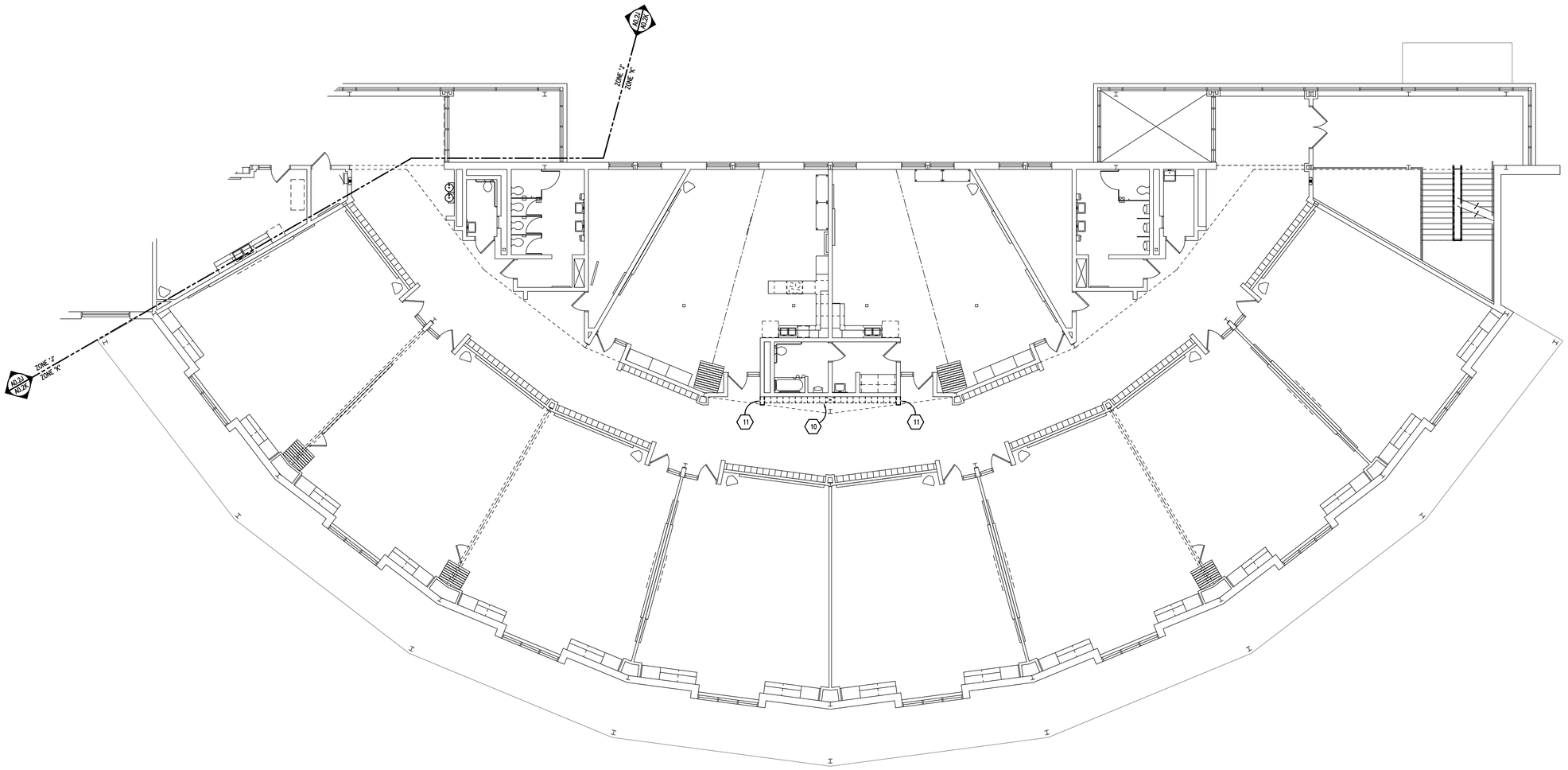

SECOND LEVEL DEMOLITION PLAN - ZONE 'K'

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

TMP ARCHITECTURE

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EM - INFO @TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT

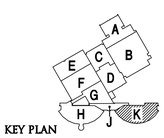
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Second Level Demolition Plan - Zone 'K'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

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CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A0.2K - ALTERNATE NO.1

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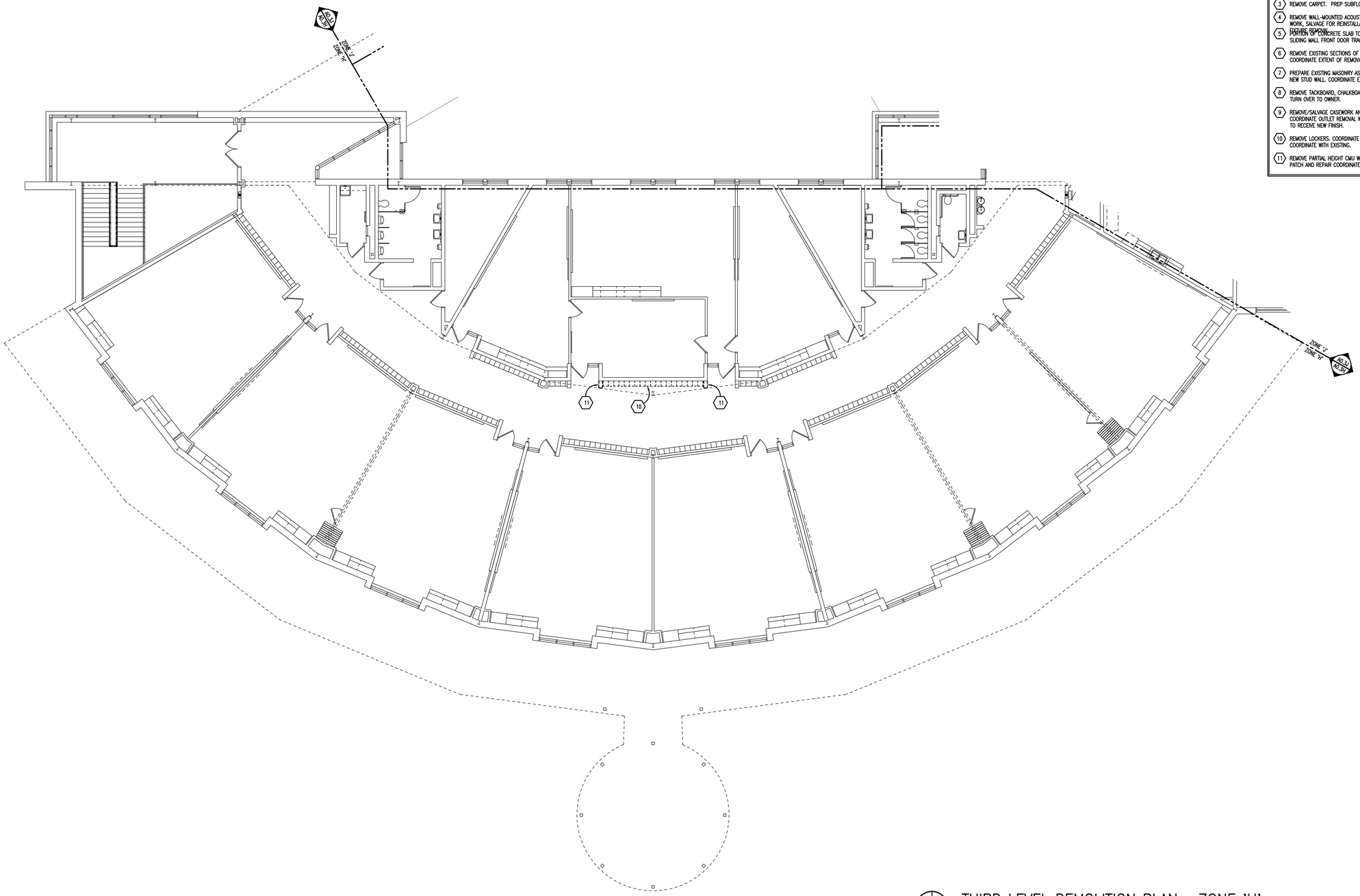
Jul 27, 2023 - 3:47pm



THIRD LEVEL DEMOLITION PLAN - ZONE 'H'
SCALE: 1/8" = 1'-0"

GENERAL 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, CHALKBOARDS, TACKBOARDS, OR EQUIPMENT IS INDICATED, FILL HOLES AND PATCH EXISTING WALLS, BASE AND CEILINGS WHICH ARE TO REMAIN EXPOSED.
6. UNLESS OTHERWISE INDICATED, TOOTH NEW MATERIAL, INTO EXISTING, WHEREVER INFILL REMAINS EXPOSED.
7. SEE SPECIFICATION SECTIONS 01 7329 AND 02 4100 FOR ADDITIONAL DEMOLITION AND PATCHING REQUIREMENTS.
8. REFER TO ARCHITECTURAL WALL SECTIONS FOR ADDITIONAL SELECTIVE DEMOLITION.

DEMOLITION KEYNOTES

1. REMOVE CMU WALL FOR NEW OPENING. COORDINATE OPENING REQUIRED WITH THE NEW WORK.
2. REMOVE DOOR AND HARDWARE. SALVAGE AND TURN OVER TO OWNER.
3. REMOVE CARPET. PREP SUBFLOOR TO RECEIVE NEW FINISH.
4. REMOVE WALL-MOUNTED ACOUSTIC PANELS AS NEEDED FOR EXTENT OF NEW WORK, SALVAGE FOR REINSTALLATION. PATCH AND REPAIR ANY HOLES FROM FIXTURE REMOVAL.
5. PORTION OF CONCRETE SLAB TO BE MODIFIED TO ACCEPT NEW RECESSED SLIDING MALL FRONT DOOR TRACK.
6. REMOVE EXISTING SECTIONS OF CIRCULATION DESK FURNITURE AS INDICATED. COORDINATE EXTENT OF REMOVAL WITH OWNER.
7. PREPARE EXISTING MASONRY AS NEEDED FOR INSTALLATION/CONSTRUCTION OF NEW STUD WALL. COORDINATE EXTENT WITH THE NEW WORK.
8. REMOVE TACKBOARD, CHALKBOARD AND/OR MARKERBOARD. SALAVAGE AND TURN OVER TO OWNER.
9. REMOVE/SALVAGE CASEWORK AND/OR MILLWORK, TURN OVER TO OWNER. COORDINATE OUTLET REMOVAL WITH ELECTRICAL DRAWINGS. PREP SUBFLOOR TO RECEIVE NEW FINISH.
10. REMOVE LOCKERS. COORDINATE EXTENT WITH NEW WORK. PATCH AND REPAIR COORDINATE WITH EXISTING.
11. REMOVE PARTIAL HEIGHT CMU WALL. COORDINATE EXTENT WITH THE NEW WORK. PATCH AND REPAIR COORDINATE WITH EXISTING.

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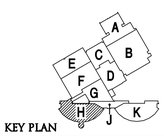
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE
Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE
Third Level Demolition Plan - Zone 'H'



KEY PLAN

ISSUE DATES

07-31-2023	CONSTRUCTION DOCUMENTS
DATE:	ISSUED FOR:
DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.
22070G

DRAWING NO.
A0.3H - ALTERNATE NO.1

GENERAL 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.
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7. SEE SPECIFICATION SECTIONS 01 7329 AND 02 4100 FOR ADDITIONAL DEMOLITION AND PATCHING REQUIREMENTS.
8. REFER TO ARCHITECTURAL WALL SECTIONS FOR ADDITIONAL SELECTIVE DEMOLITION.

DEMOLITION KEYNOTES

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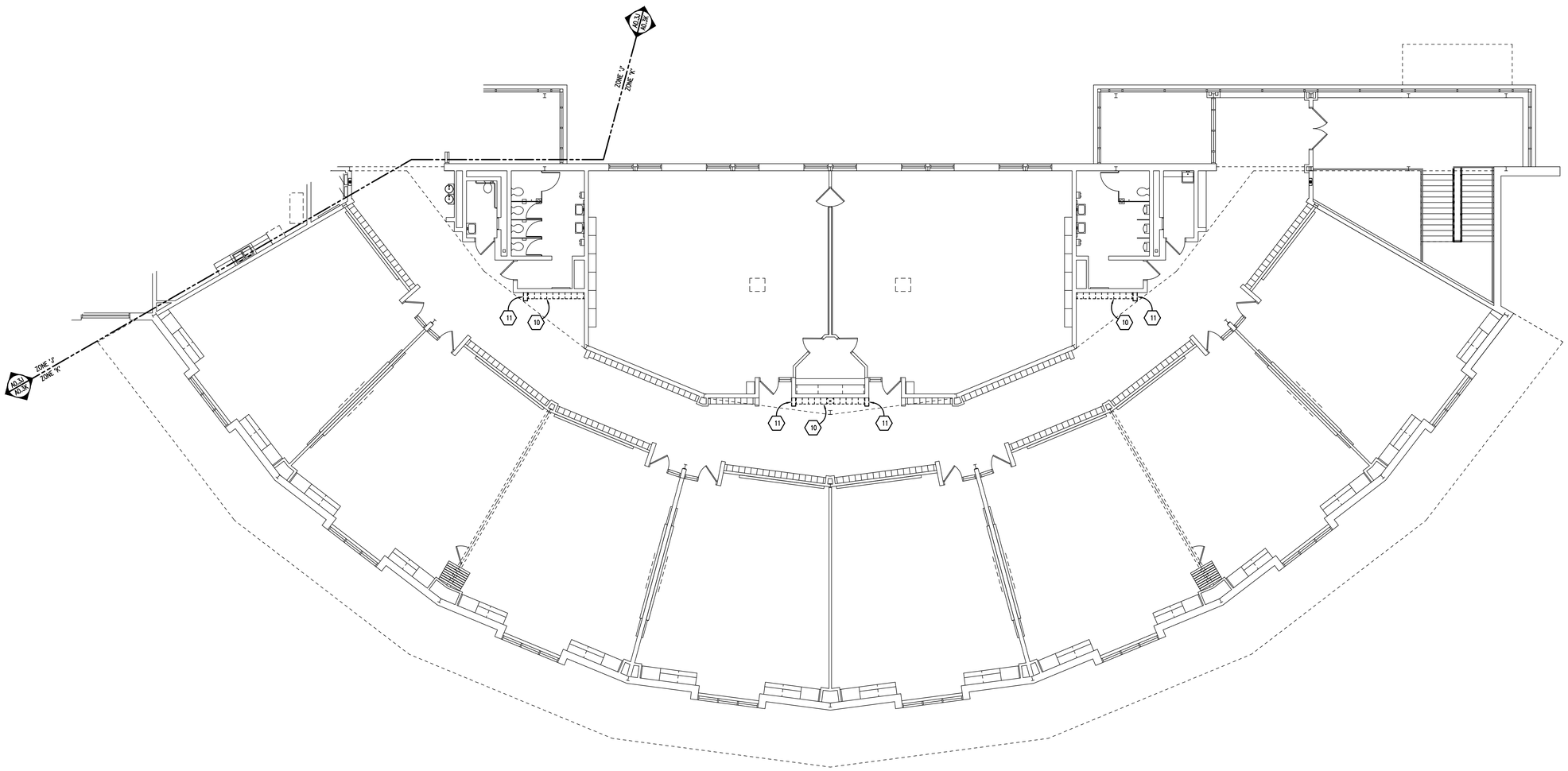
5. PORTION OF CONCRETE SLAB TO BE MODIFIED TO ACCEPT NEW RECESSED SLIDING MALL FRONT DOOR TRACK.
6. REMOVE EXISTING SECTIONS OF CIRCULATION DESK FURNITURE AS INDICATED. COORDINATE EXTENT OF REMOVAL WITH OWNER.
7. PREPARE EXISTING MASONRY AS NEEDED FOR INSTALLATION/CONSTRUCTION OF NEW STUD WALL. COORDINATE EXTENT WITH THE NEW WORK.
8. REMOVE TACKBOARD, CHALKBOARD AND/OR MARKERBOARD. SALAVAGE AND TURN OVER TO OWNER.
9. REMOVE/SALVAGE CASEWORK AND/OR MILLWORK, TURN OVER TO OWNER. COORDINATE OUTLET REMOVAL WITH ELECTRICAL DRAWINGS. PREP SUBFLOOR TO RECEIVE NEW FINISH.
10. REMOVE LOCKERS. COORDINATE EXTENT WITH NEW WORK. PATCH AND REPAIR COORDINATE WITH EXISTING.
11. REMOVE PARTIAL HEIGHT CMU WALL. COORDINATE EXTENT WITH THE NEW WORK. PATCH AND REPAIR COORDINATE WITH EXISTING.



THIRD LEVEL DEMOLITION PLAN – ZONE 'K'
SCALE: 1/8" = 1'-0"

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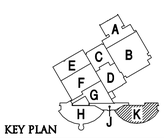
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE
Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE
Third Level Demolition Plan - Zone 'K'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.
22070G

DRAWING NO.
A0.3K - ALTERNATE NO.1

WALL / PARTITION KEY

EXISTING WALL CONSTRUCTION

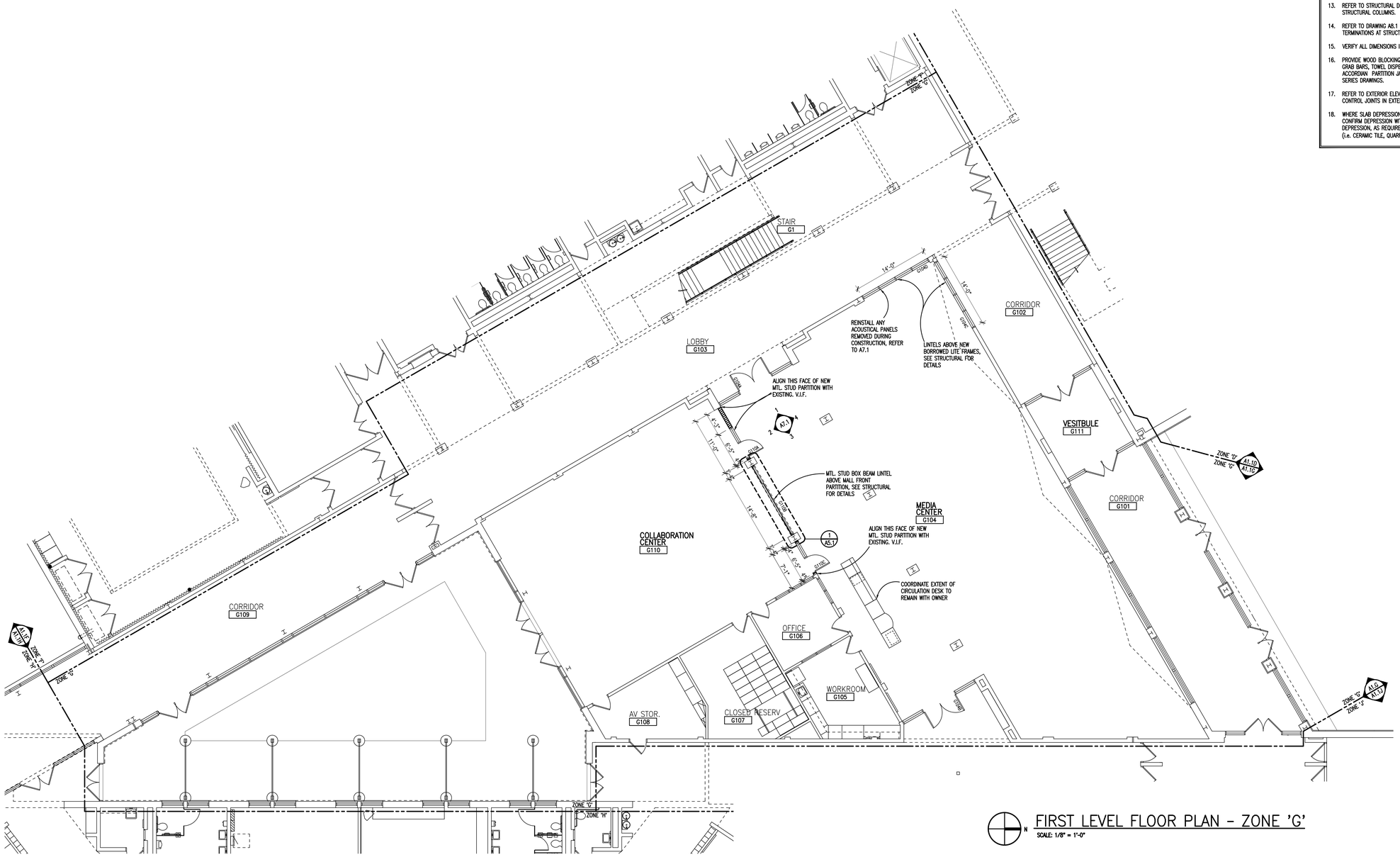
METAL STUD PARTITION

PATCHING NOTES

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
2. FOR ALL FLOOR SURFACES RECEIVING NEW FLOOR FINISHES, PREPARE SUBSTRATE BY PROVIDING LEVELING AND PATCHING COMPOUNDS RECOMMENDED BY FINISH FLOORING MANUFACTURERS. CONTRACTOR'S BASE BID PROPOSAL SHALL ASSUME THAT ALL AREAS, INDICATED TO RECEIVE NEW FINISHES, WILL REQUIRE FLOOR PREPARATION.
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 DOOR AND OTHER OPENINGS.

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 NOMINAL 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 A10.1 SERIES DRAWINGS FOR FLOOR FINISH PATTERNS AND ROOM FINISHES.
13. REFER TO STRUCTURAL DRAWINGS FOR ORIENTATION AND SIZES OF ALL STRUCTURAL COLUMNS.
14. REFER TO DRAWING A8.1 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.).



N

FIRST LEVEL FLOOR PLAN - ZONE 'G'

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

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REGISTRATION SEAL

CONSULTANT

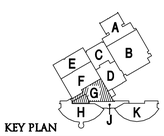
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

First Level Floor Plan - Zone 'G'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS
06-30-2023	OWNER REVIEW

DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A1.1G

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Jul 28, 2023 - 11:42am

WALL / PARTITION KEY

EXISTING WALL CONSTRUCTION

METAL STUD PARTITION

PATCHING NOTES

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
2. FOR ALL FLOOR SURFACES RECEIVING NEW FLOOR FINISHES, PREPARE SUBSTRATE BY PROVIDING LEVELING AND PATCHING COMPOUNDS RECOMMENDED BY FINISH FLOORING MANUFACTURERS. CONTRACTOR'S BASE BID PROPOSAL SHALL ASSUME THAT ALL AREAS, INDICATED TO RECEIVE NEW FINISHES, WILL REQUIRE FLOOR PREPARATION.
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 DOOR AND OTHER OPENINGS.

GENERAL NOTES

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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 NOMINAL 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.
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14. REFER TO DRAWING A8.1 FOR TYPICAL DETAILS PERTAINING TO WALL TERMINATIONS AT STRUCTURE ABOVE AND MASONRY CONTROL JOINT DETAILS.
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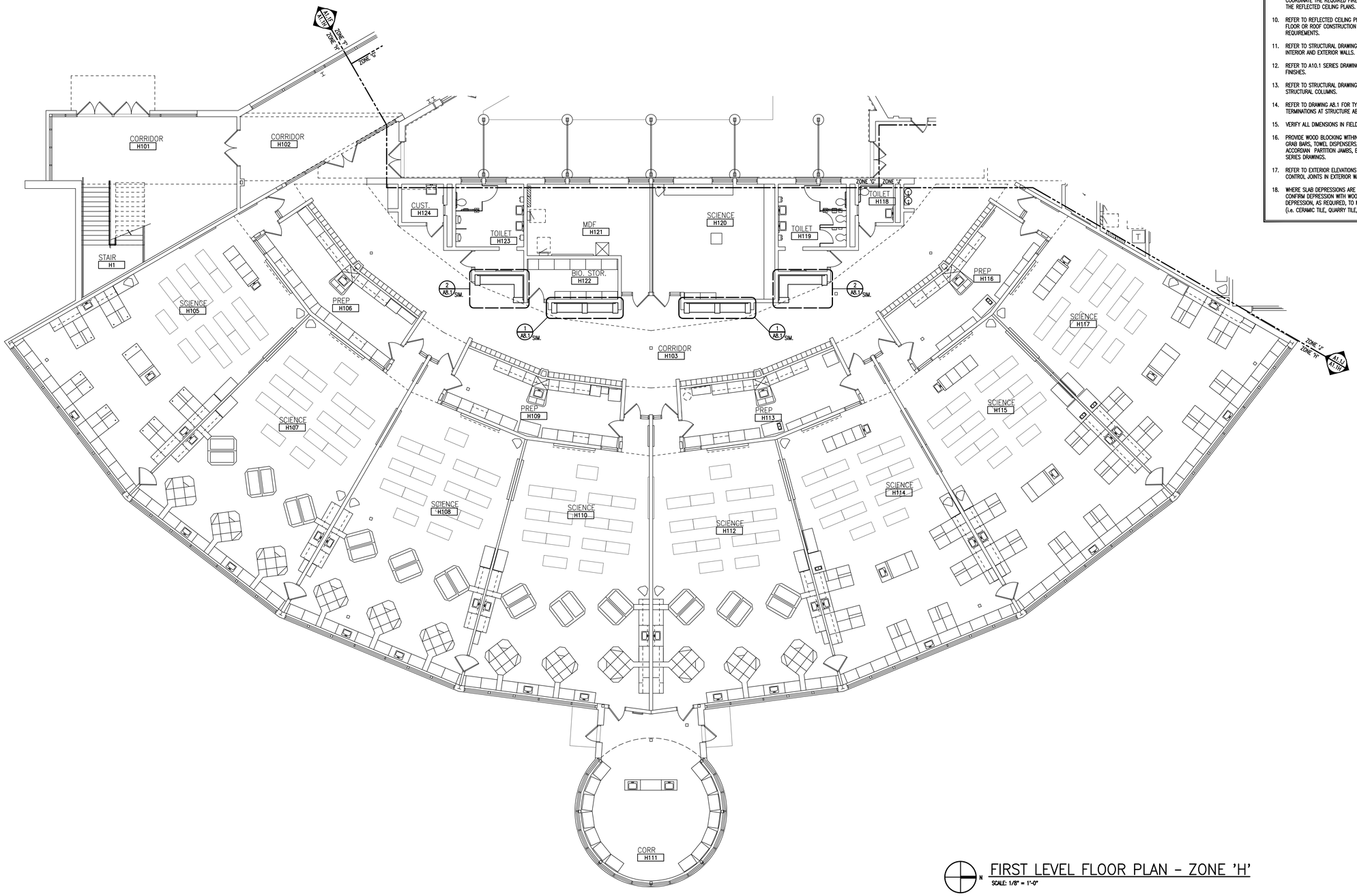

FIRST LEVEL FLOOR PLAN - ZONE 'H'

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

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REGISTRATION SEAL

CONSULTANT

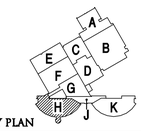
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

First Level Floor Plan - Zone 'H'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A1.1H1--ALTERNATE NO.1

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Jul 27, 2023 - 3:32pm

WALL / PARTITION KEY

EXISTING WALL CONSTRUCTION

METAL STUD PARTITION

PATCHING NOTES

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
2. FOR ALL FLOOR SURFACES RECEIVING NEW FLOOR FINISHES, PREPARE SUBSTRATE BY PROVIDING LEVELING AND PATCHING COMPOUNDS RECOMMENDED BY FINISH FLOORING MANUFACTURERS. CONTRACTOR'S BASE BID PROPOSAL SHALL ASSUME THAT ALL AREAS, INDICATED TO RECEIVE NEW FINISHES, WILL REQUIRE FLOOR PREPARATION.
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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).
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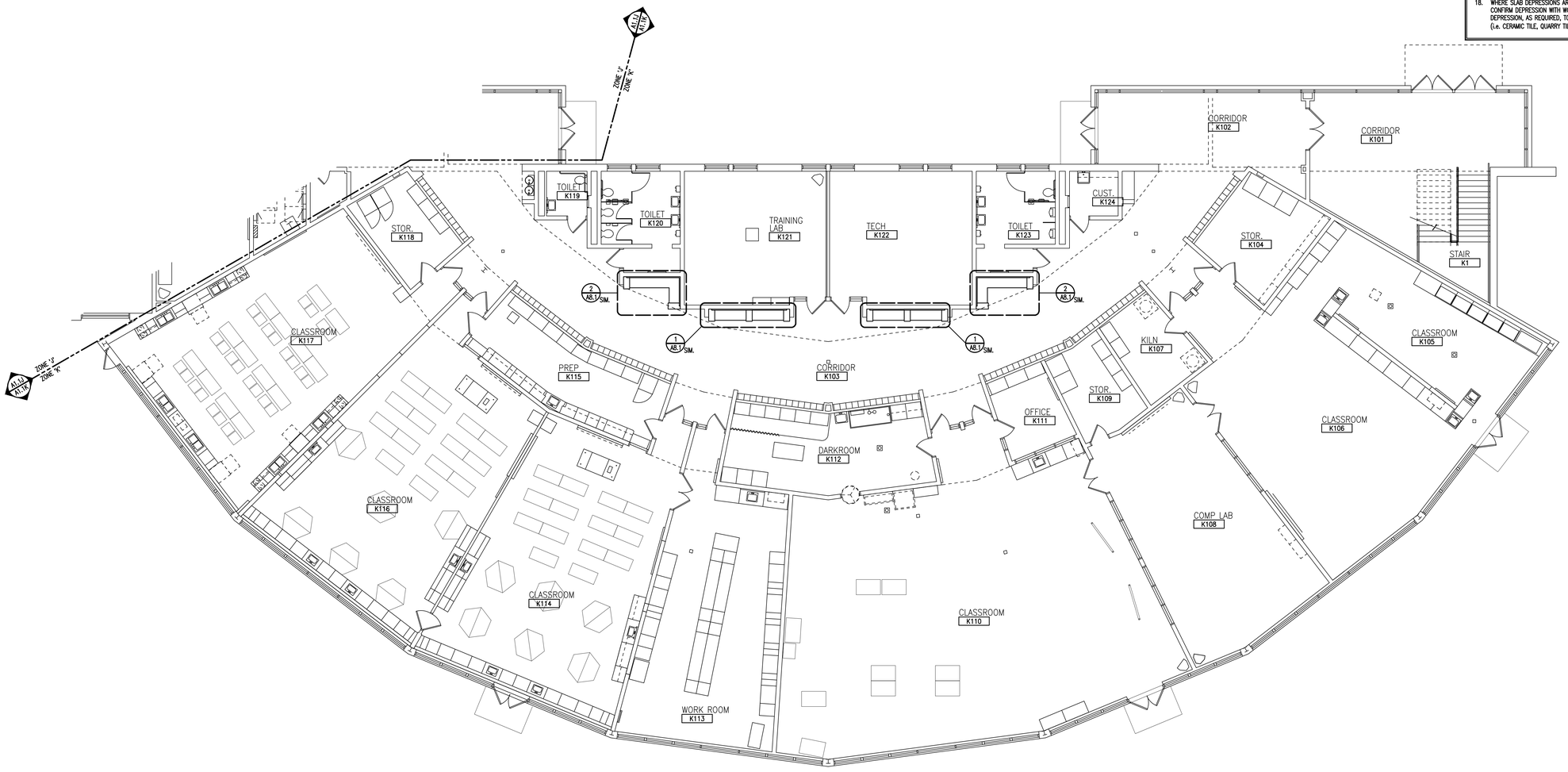
18. WHERE SLAB DEPRESSIONS ARE INDICATED FOR WOOD FLOOR SYSTEMS, CONFIRM DEPRESSION WITH WOOD FLOORING CONTRACTOR. ADJUST DEPRESSION, AS REQUIRED, TO MEET FLUSH WITH ADJACENT FLOOR MATERIALS (i.e. CERAMIC TILE, QUARRY TILE, ETC.).



N

FIRST LEVEL FLOOR PLAN - ZONE 'K'

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

TMP ARCHITECTURE

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REGISTRATION SEAL

CONSULTANT

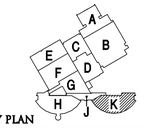
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

First Level Floor Plan - Zone 'K'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A1.1K - ALTERNATE NO.1

Drawing File: Q:\acad\2022\work\22070g\22070g_cd\22070g_a1.1k.dwg
Jul 27, 2023 - 3:32pm

WALL / PARTITION KEY

EXISTING WALL CONSTRUCTION

METAL STUD PARTITION

PATCHING NOTES

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
2. FOR ALL FLOOR SURFACES RECEIVING NEW FLOOR FINISHES, PREPARE SUBSTRATE BY PROVIDING LEVELING AND PATCHING COMPOUNDS RECOMMENDED BY FINISH FLOORING MANUFACTURERS. CONTRACTOR'S BASE BID PROPOSAL SHALL ASSUME THAT ALL AREAS, INDICATED TO RECEIVE NEW FINISHES, WILL REQUIRE FLOOR PREPARATION.
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 DOOR AND OTHER OPENINGS.

GENERAL NOTES

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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.
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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).
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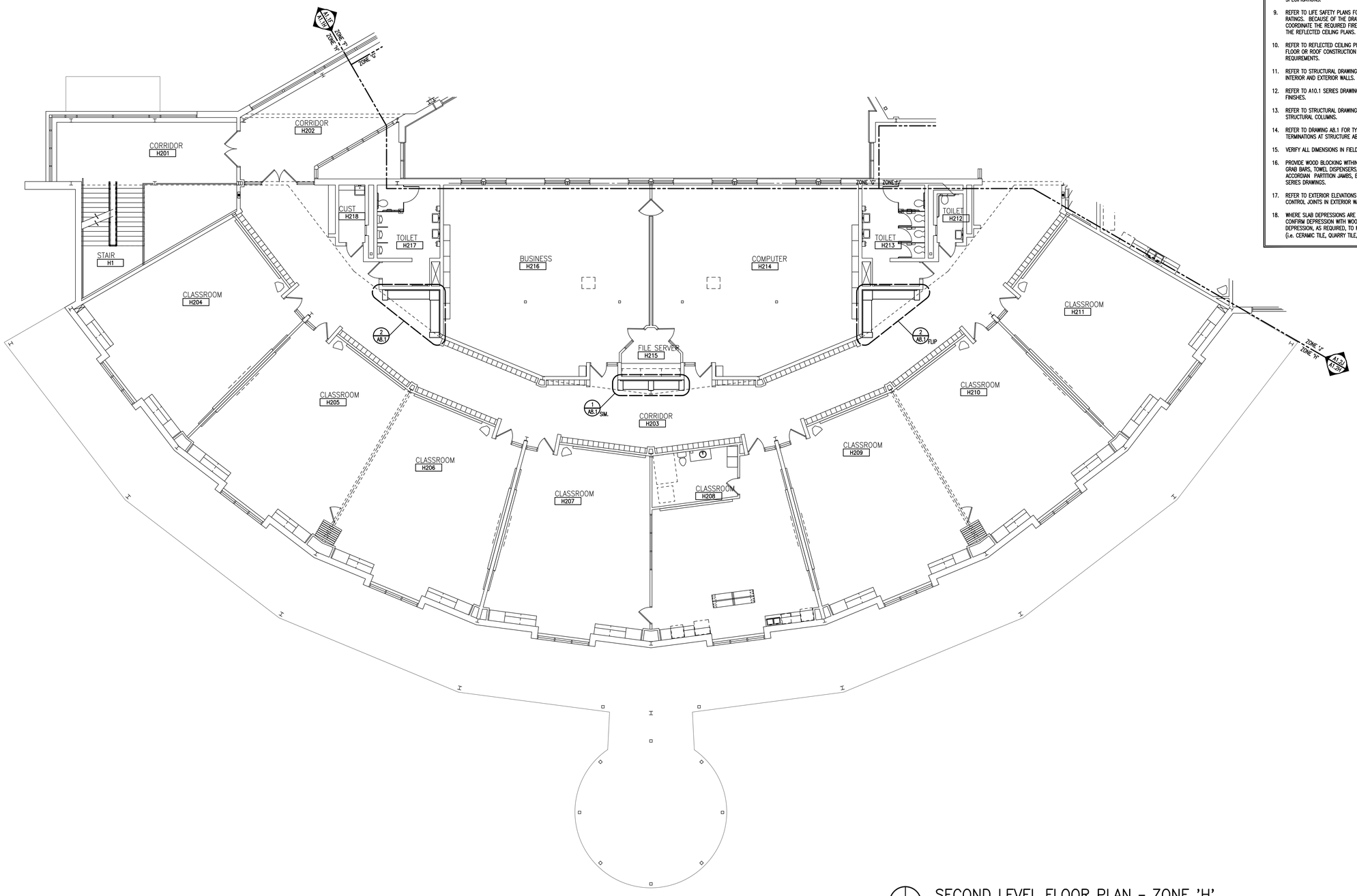

N

SECOND LEVEL FLOOR PLAN - ZONE 'H'

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

TMP ARCHITECTURE

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REGISTRATION SEAL

CONSULTANT

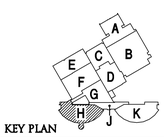
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Second Level Floor Plan - Zone 'H'



KEY PLAN

ISSUE DATES

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07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A1.2H--ALTERNATE NO.1

Drawing file: G:\acad\22070mpk\22070g\22070g.dwg\22070g_a12h.dwg
Jul 27, 2023 - 4:14pm

WALL / PARTITION KEY

EXISTING WALL CONSTRUCTION

METAL STUD PARTITION

PATCHING NOTES

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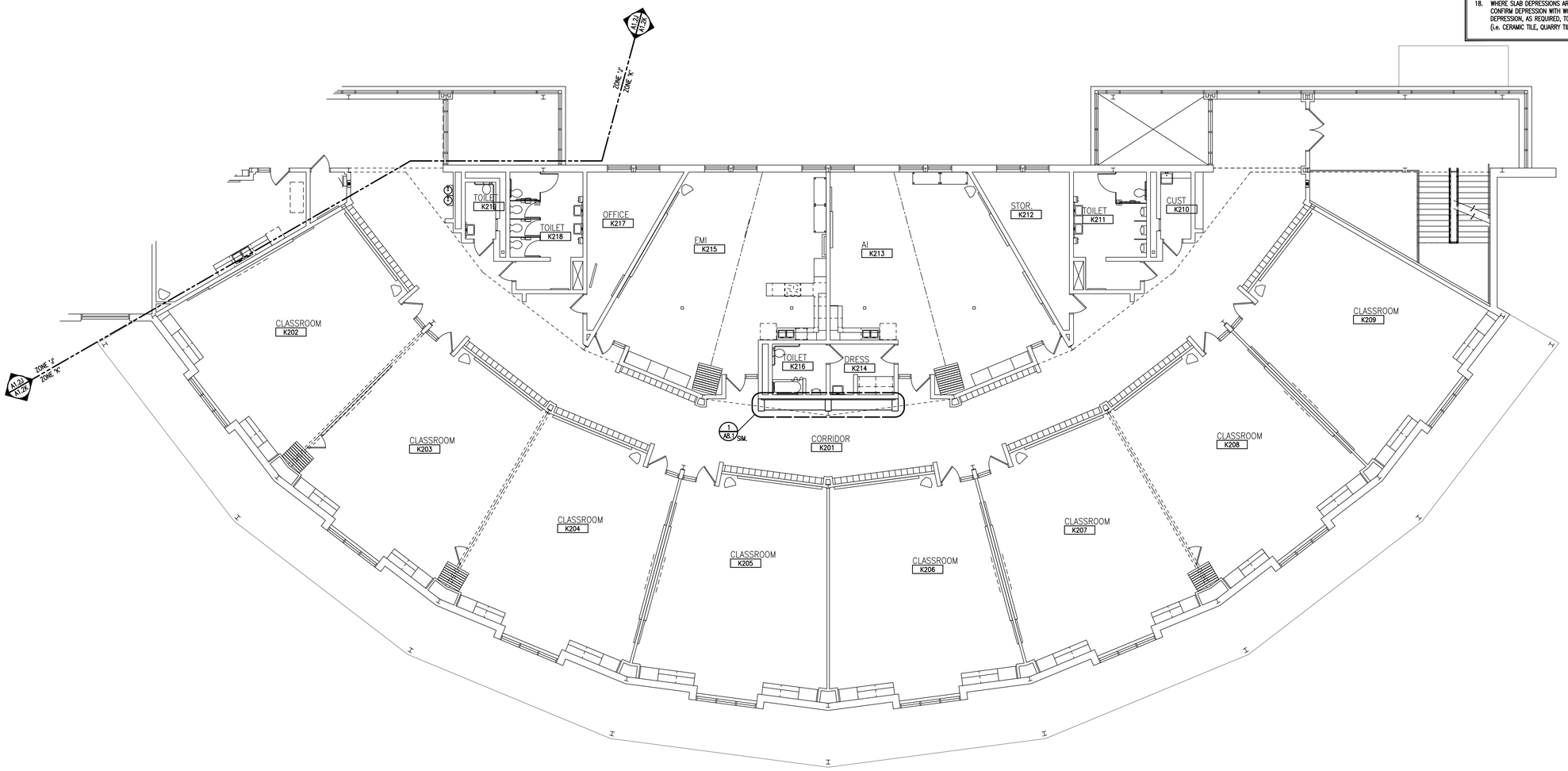

N

SECOND LEVEL FLOOR PLAN - ZONE 'K'

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

TMP ARCHITECTURE

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REGISTRATION SEAL

CONSULTANT

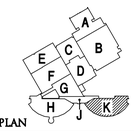
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Second Level Floor Plan - Zone 'K'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A1.2K - ALTERNATE NO.1

Drawing File: G:\acad\2022\revit\22070g\22070g_arch\22070g_a1.2k.dwg
Jul 27, 2023 - 3:53pm

WALL / PARTITION KEY

EXISTING WALL CONSTRUCTION

METAL STUD PARTITION

PATCHING NOTES

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
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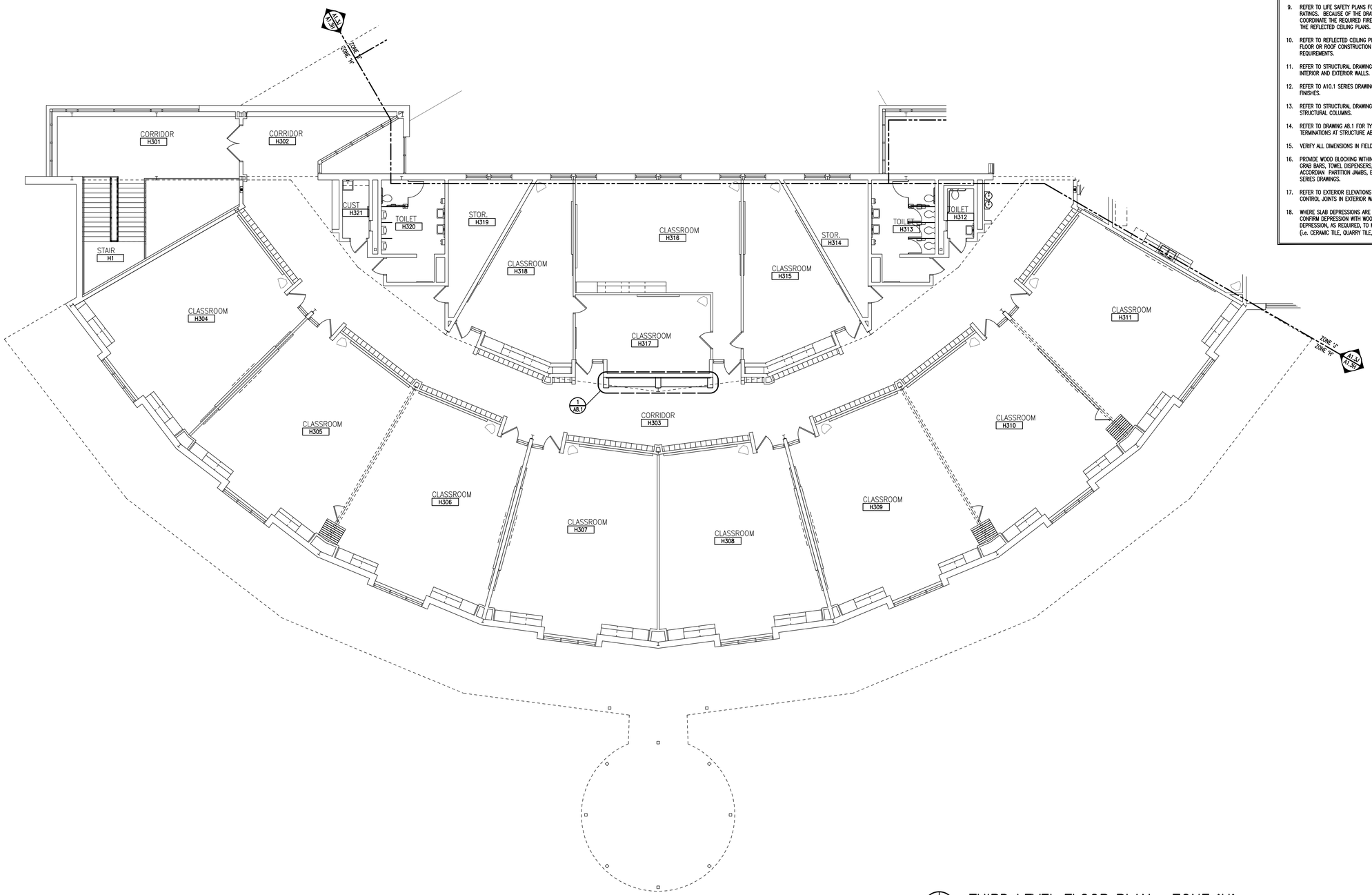

THIRD LEVEL FLOOR PLAN - ZONE 'H'

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

TMP ARCHITECTURE

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REGISTRATION SEAL

CONSULTANT

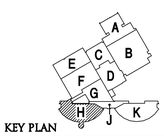
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Third Level Floor Plan - Zone 'H'



KEY PLAN

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A1.3H--ALTERNATE NO.1

Drawing file: G:\acad\22070mpk\22070g\22070g_arch\22070g_a13h.dwg
Jul 27, 2023 - 4:14pm

WALL / PARTITION KEY

EXISTING WALL CONSTRUCTION

METAL STUD PARTITION

PATCHING NOTES

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
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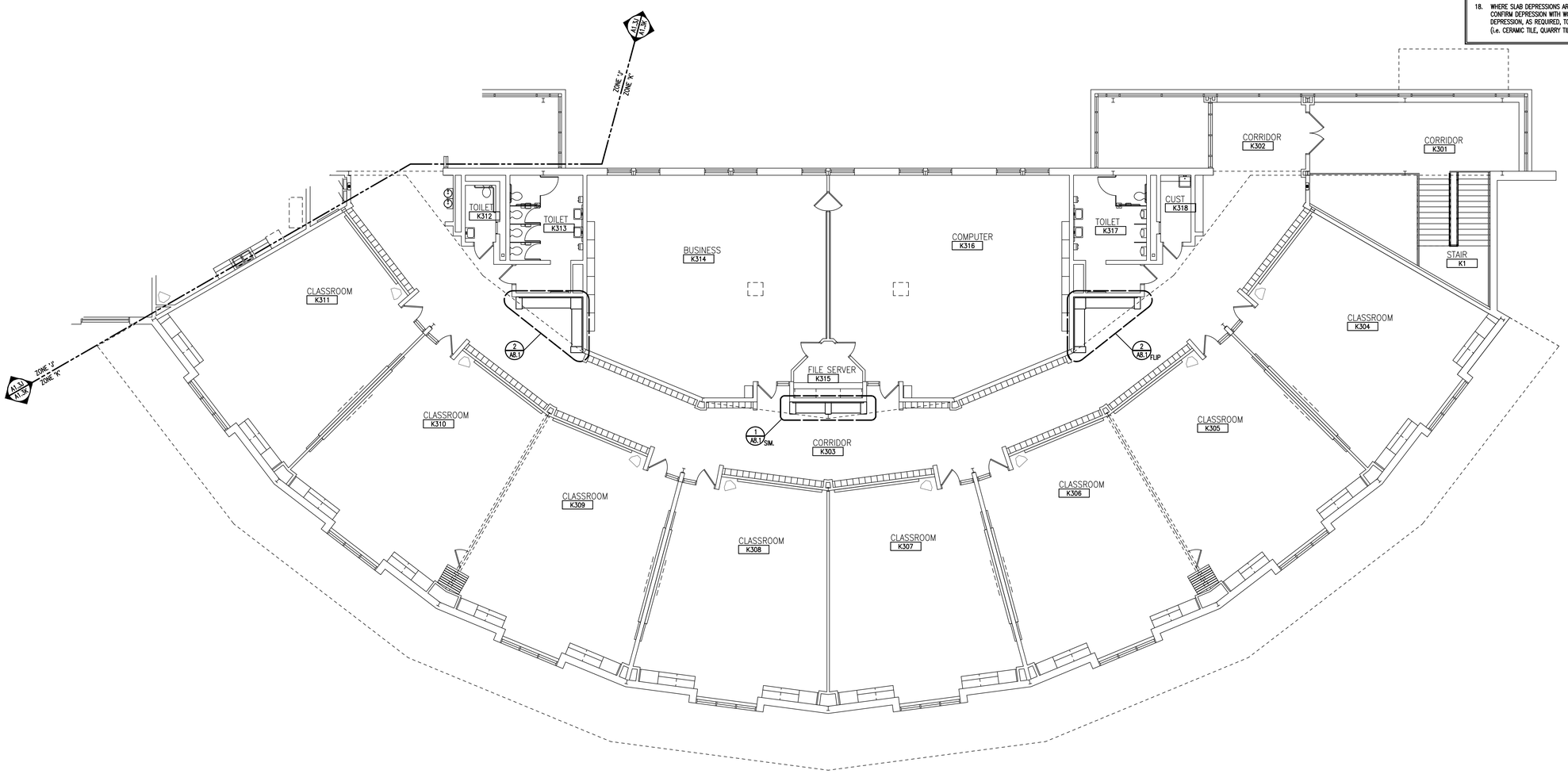
8. VERIFY QUANTITY, SIZE, AND LOCATION OF ALL FLOOR, ROOF, AND WALL OPENINGS FOR MECHANICAL AND ELECTRICAL WORK WITH THE APPROPRIATE TRADE. PROVIDE ALL OPENINGS SHOWN OR REQUIRED FOR THE COMPLETION OF THE WORK. PROVIDE ALL LINTELS REQUIRED FOR THESE OPENINGS PER SPECIFICATIONS.
9. REFER TO LIFE SAFETY 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 A10.1 SERIES DRAWINGS FOR FLOOR FINISH PATTERNS AND ROOM FINISHES.
13. REFER TO STRUCTURAL DRAWINGS FOR ORIENTATION AND SIZES OF ALL STRUCTURAL COLUMNS.
14. REFER TO DRAWING A8.1 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.).



N

THIRD LEVEL FLOOR PLAN - ZONE 'K'

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

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REGISTRATION SEAL

CONSULTANT

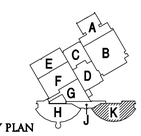
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Third Level Floor Plan - Zone 'K'



KEY PLAN

ISSUE DATES

07-31-2023	CONSTRUCTION DOCUMENTS

DATE:	ISSUED FOR:
DRAWN	ASH
CHECKED	...
APPROVED	...

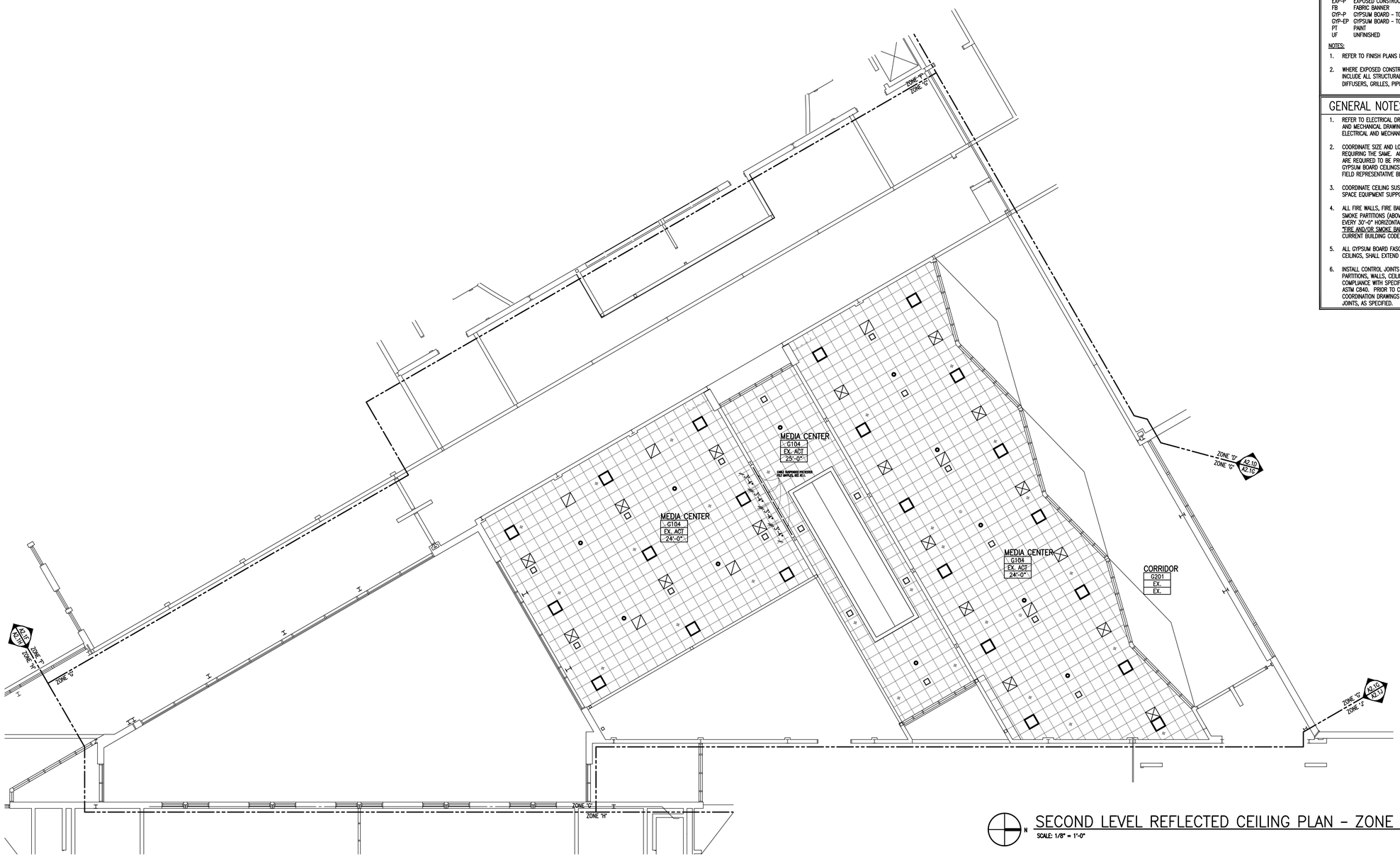
PROJECT NO.

22070G

DRAWING NO.

A1.3K--ALTERNATE NO.1

Drawing file: G:\acad\22070mpk\22070g\22070g.dwg\22070g_a1.3k.dwg
Jul 27, 2023 - 4:14pm



N

SECOND LEVEL REFLECTED CEILING PLAN - ZONE 'G'

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

FIXTURE LEGEND

- NEW RECESSED LED FIXTURE, REFER TO ELECTRICAL. (2'x2')
- NEW CEILING MOUNTED PENDANT FIXTURE, REFER TO ELECTRICAL.
- EXISTING SURFACE MOUNTED L.E.D. FIXTURE
- EXISTING SMOKE DETECTOR
- EXISTING SPEAKER
- EXISTING PENDANT SPRINKLER HEAD
- EXISTING SUPPLY DIFFUSER
- EXISTING RETURN-AIR GRILLE

CEILING KEY

- EXISTING 24" x 24" SUSPENDED LAY-IN ACOUSTICAL CEILING TO REMAIN U.O.N.
- EXISTING CONSTRUCTION TO REMAIN

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.

ALUM
8'-10"

CLASSROOM ← ROOM NAME
101 ← ROOM NUMBER
ACT ← CEILING FINISH ABBREVIATION (SEE BELOW)
9'-0" ← CEILING HEIGHT (A.F.F.)

CEILING FINISH ABBREVIATIONS

ACT	ACOUSTICAL LAY-IN CEILING TILE
AWP	ACOUSTICAL WALL PANEL
AB	ACOUSTICAL BAFFLE
EX	EXISTING
EXP-P	EXPOSED CONSTRUCTION - TO BE PAINTED
FB	FABRIC BANNER
GYP-P	GYPSUM BOARD - TO BE PAINTED
GYP-EP	GYPSUM BOARD - TO BE EPOXY PAINTED
PT	PAINT
UF	UNFINISHED

NOTES:

1. REFER TO FINISH PLANS FOR INFORMATION ON ROOM FINISHES.
2. WHERE EXPOSED CONSTRUCTION IS INDICATED TO BE PAINTED, THIS SHALL INCLUDE ALL STRUCTURAL MEMBERS, ROOF/FLOOR DECK, DUCTWORK, DIFFUSERS, GRILLES, PIPING, SPRAYED FIREPROOFING, CONDUITS, ETC. (U.O.N.)

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE TYPES. REFER TO 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 PARTITIONS (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 FASCIAE @ 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.

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REGISTRATION SEAL

CONSULTANT

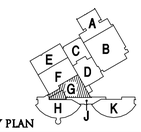
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Second Level Reflected Ceiling Plan - Zone 'G'



KEY PLAN

ISSUE DATES

07-31-2023	CONSTRUCTION DOCUMENTS

DATE: ISSUED FOR:

DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A2.2G

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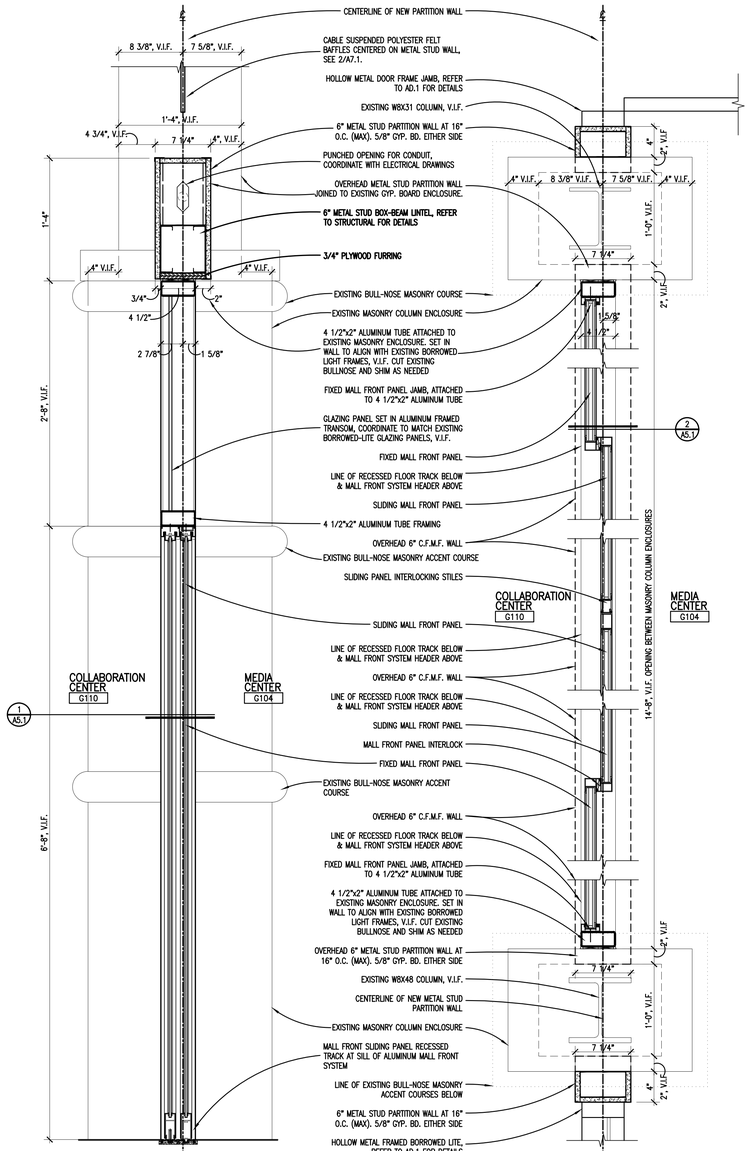

2 / A5.1 SLIDING MALL FRONT SECTION DETAIL

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

1 / A5.1 SLIDING MALL FRONT PLAN DETAIL

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

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Plan Details

ISSUE DATES

07-31-2023	CONSTRUCTION DOCUMENTS

DATE:	ISSUED FOR:
DRAWN	ASH
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APPROVED	...

PROJECT NO.

22070G

DRAWING NO.

A5.1

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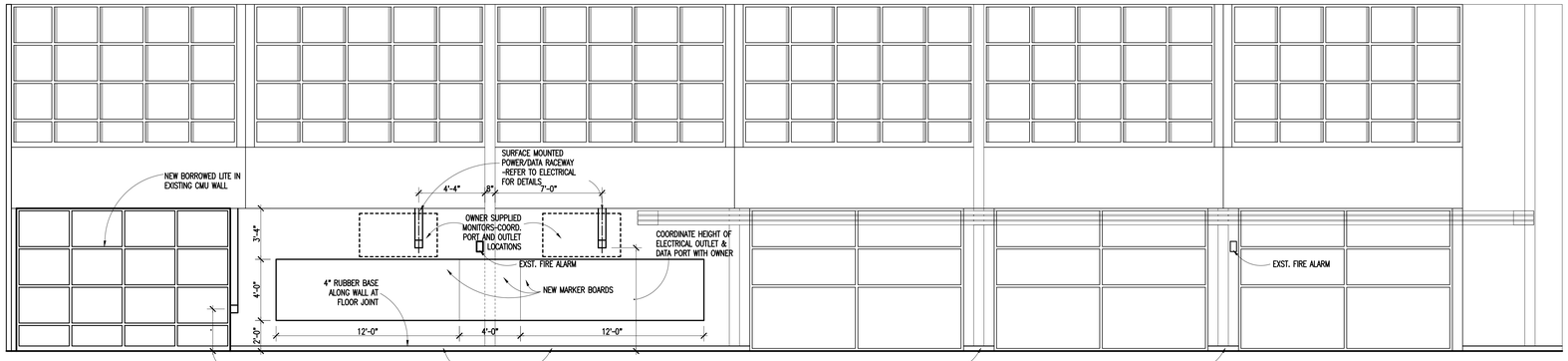
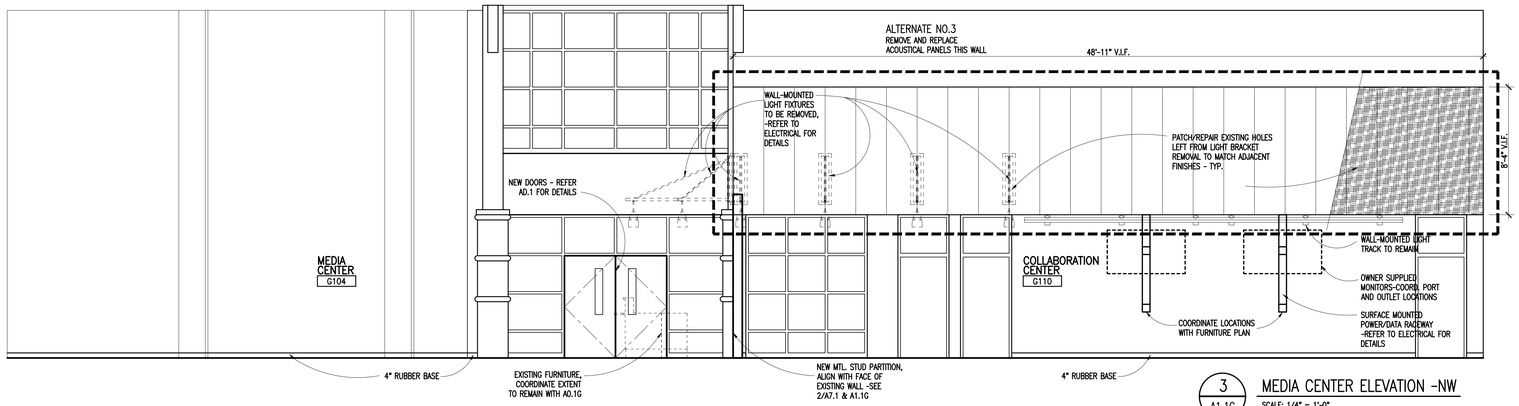


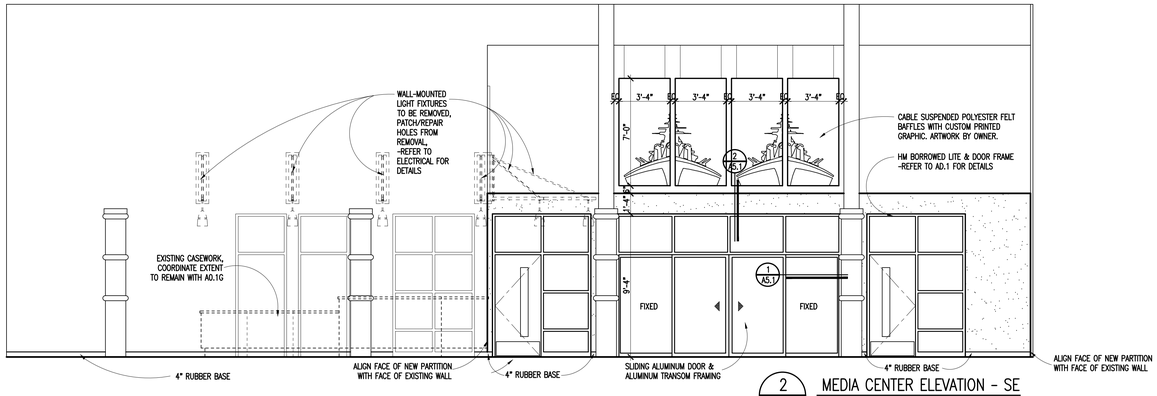
4 / A1.1G MEDIA CENTER ELEVATION -NE

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



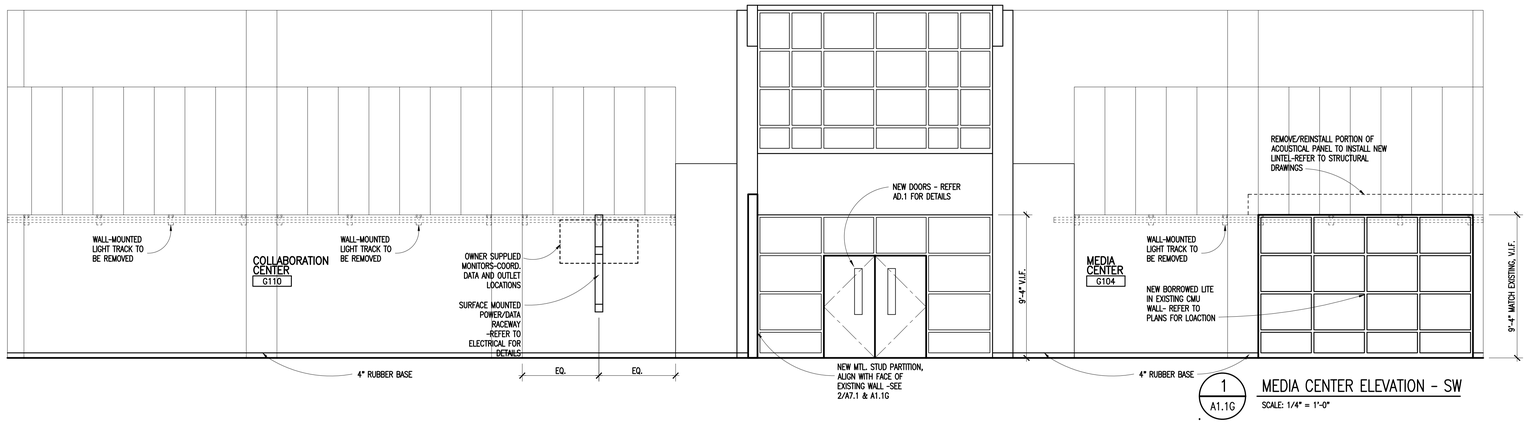
3 / A1.1G MEDIA CENTER ELEVATION -NW

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



2 / A1.1G MEDIA CENTER ELEVATION - SE

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



1 / A1.1G MEDIA CENTER ELEVATION - SW

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

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

Interior Elevations

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS
06-30-2023	OWNER REVIEW

DRAWN	ASH
CHECKED	...
APPROVED	...

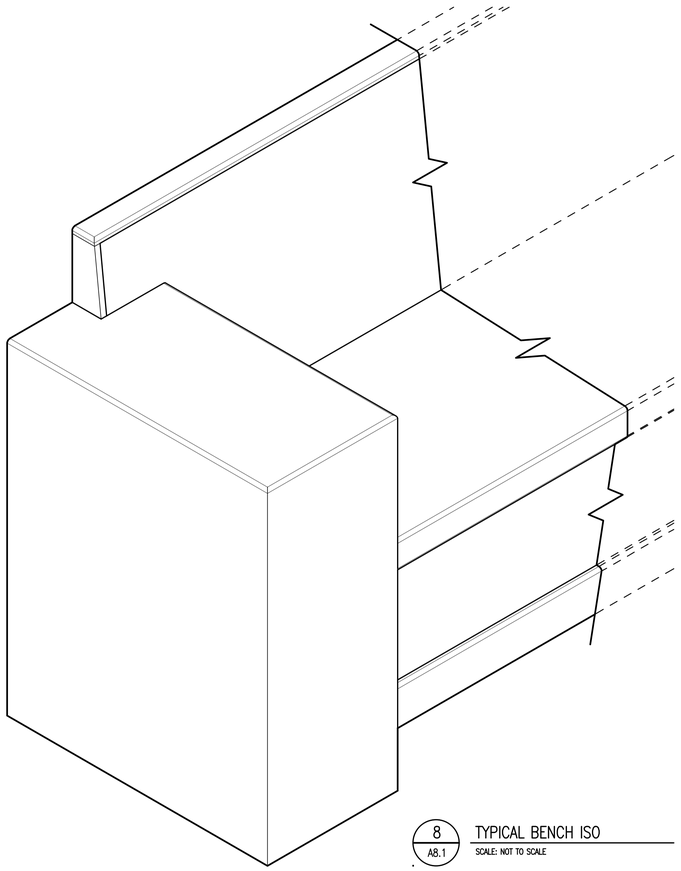
PROJECT NO.

22070G

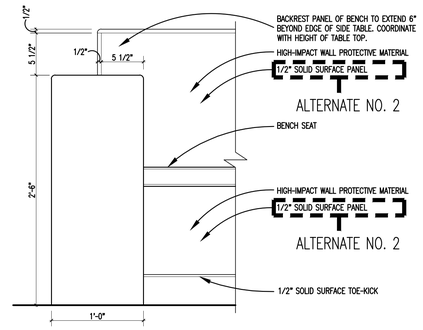
DRAWING NO.

A7.1

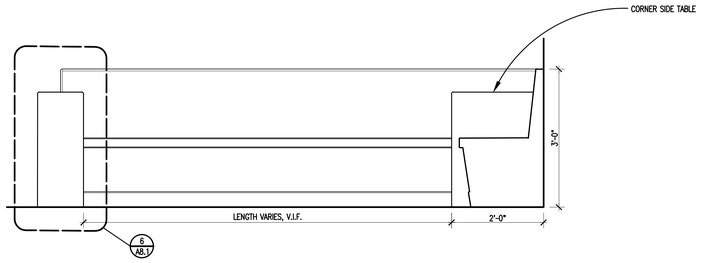
Drawing File: Q:\acad\2022dwgs\22070g\22070g_art\22070g_a7.1.dwg
Jul 31, 2023 - 10:00am



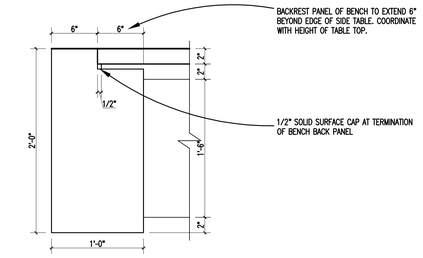
8 / A8.1 TYPICAL BENCH ISO
SCALE: NOT TO SCALE



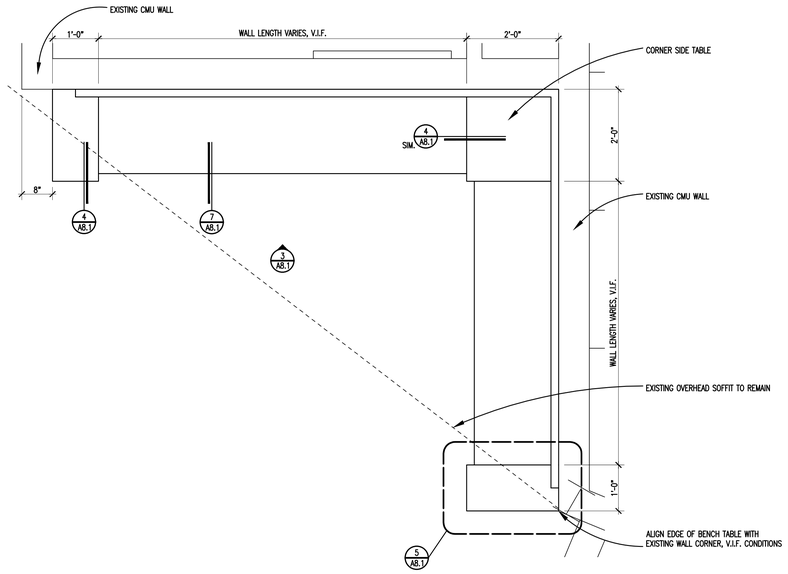
6 / A8.1 FIXED BENCH ELEVATION DETAIL
SCALE: 1 1/2" = 1'-0"



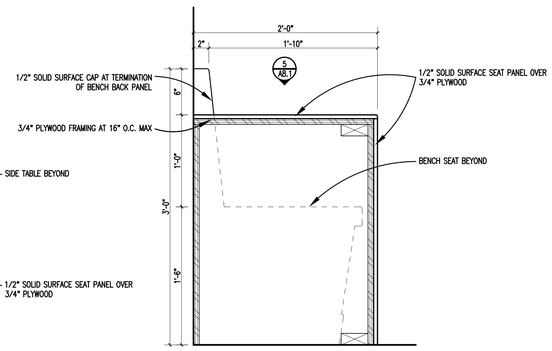
3 / A8.1 CORNER BENCH ELEVATION
SCALE: 3/4" = 1'-0"



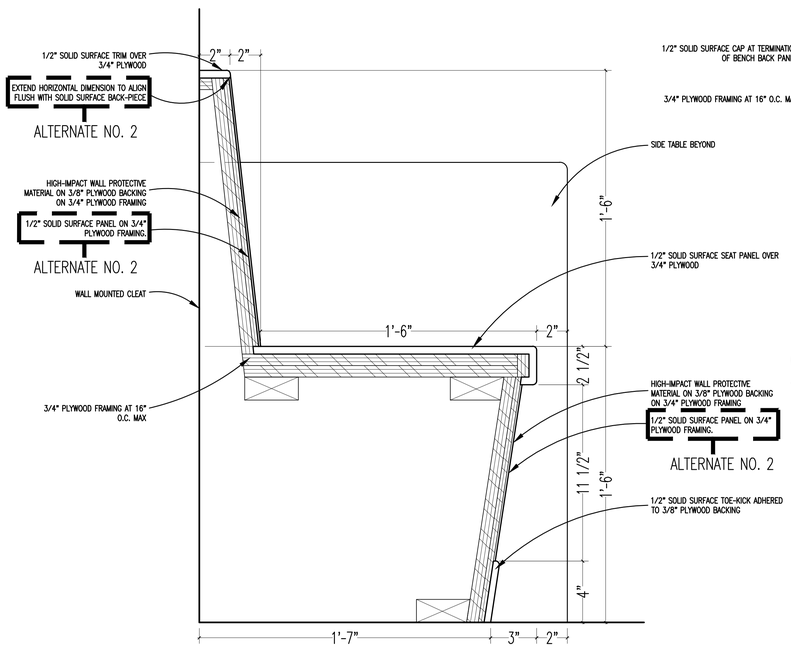
5 / A8.1 FIXED BENCH PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



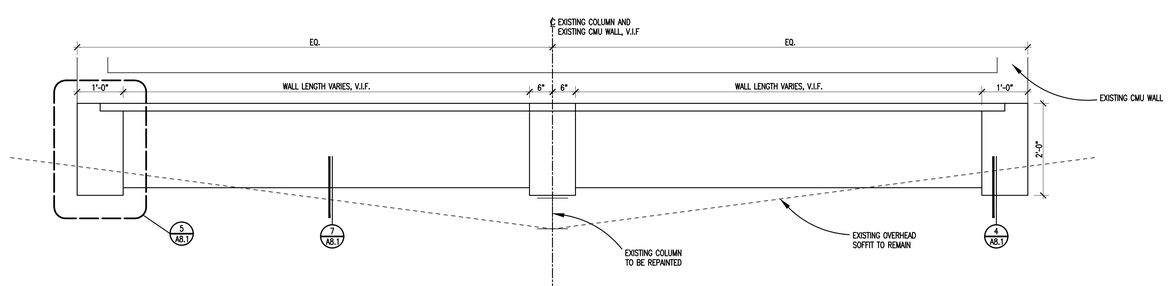
2 / A8.1 TYPICAL CORNER FLEX SPACE BENCH
SCALE: 3/4" = 1'-0"



4 / A8.1 FIXED BENCH SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



7 / A8.1 FIXED BENCH SECTION DETAIL
SCALE: 3" = 1'-0"



1 / A8.1 TYPICAL LINEAR FLEX SPACE BENCH
SCALE: 3/4" = 1'-0"

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE
Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE
Millwork Details

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS
06-30-2023	OWNER REVIEW

DRAWN	ASH
CHECKED	...
APPROVED	...

PROJECT NO.
22070G

DRAWING NO.
A8.1 -ALTERNATE NO.1

Drawing File: Q:\revit\2022\mep\22070g\22070g_cd\22070g_cd81.dwg
Jul 28, 2023 - 11:19am

FIRST LEVEL FINISH PLAN - ZONE 'G'

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

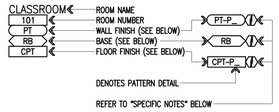
FINISH LEGEND

ROOM TAGS

ROOM NAME AND NUMBER PLUS GENERAL ROOM FINISH INFORMATION. FINISH TAGS SHALL APPLY TO ALL LIKE MATERIALS WITHIN A ROOM (U.O.N.).

FINISH LEGEND

FINISH LEGEND IS GENERAL. REFER TO SPECIFICATIONS FOR SPECIFIC FINISH INFORMATION. MULTIPLE FINISH TYPES ARE DENOTED BY NUMBER FOLLOWING ABBREVIATION.



WALL FINISH ABBREVIATIONS

EX	EXISTING (NO NEW FINISH)
PT	PAINT

BASE FINISH ABBREVIATIONS

EX	EXISTING (NO NEW FINISH)
RB	RESILIENT BASE

FLOOR FINISH ABBREVIATIONS

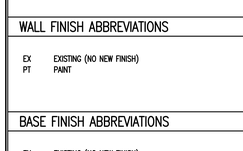
CPT	CARPET
EX	EXISTING (NO NEW FINISH)

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 FLOOR 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 ALTERNATES.
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.

PATTERN DETAILS (FLOORS/WALLS)

PATTERN 1 (P1) - FLOOR



PATTERN 1 IS A MODIFIED BASKET WEAVE USING FULL TILES OF CPT2, CPT3, AND CPT4. THE PATTERN CONSISTS OF ONE FULL UNIT FOLLOWED BY A ROTATED FULL UNIT - ALTERNATING. PLACEMENT OF CPT2/CPT3 IS DEPENDANT ON LOCATION. SEE PLANS.

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REGISTRATION SEAL

CONSULTANT

PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

First Level Finish Plan - Zone 'G'

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN	LCC
CHECKED	...
APPROVED	...

PROJECT NO.

20070G

DRAWING NO.

A10.1G

ELECTRICAL SYMBOL LIST

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

SYMBOL	DESCRIPTION
FX (NL)	FIXTURE TYPE (NL INDICATES NIGHT LIGHT)
	LIGHTING FIXTURE
	DIRECT/INDIRECT LIGHTING FIXTURE
	EMERGENCY FIXTURE
	LIGHTING FIXTURE
	WALL MOUNTED LIGHTING FIXTURE
	LIGHTING FIXTURE
	DIRECTIONAL LIGHTING FIXTURE
	PENDANT LIGHTING FIXTURE
	WALL SCONCE
	LIGHTING TRACK
	TRACK LIGHTING FIXTURE
	POLE MOUNTED LIGHTING FIXTURE
	POLE MOUNTED LIGHTING FIXTURE – POST TOP
	BOLLARD LIGHTING FIXTURE
	EMERGENCY LIGHTING UNIT
	EXIT LIGHTING FIXTURE WITH DIRECTIONAL ARROWS (SHADED AREA INDICATES FACE)
	EXIT LIGHTING FIXTURE WITH DIRECTIONAL ARROWS (SHADED AREA INDICATES FACE)
	EXIT LIGHTING FIXTURE – WALL MOUNTED
	EXIT/EMERGENCY LIGHTING COMBO
BCELTS	BRANCH CIRCUIT EMERGENCY LIGHTING TRANSFER SWITCH
ALCR	AUTOMATIC LOAD CONTROL RELAY
LC	LIGHTING CONTROL DEVICE – REFER TO LIGHTING CONTROL SCHEDULE
XX	ROOM CONTROL DESIGNATION – REFER TO LIGHTING CONTROL SCHEDULE
S	SINGLE POLE TOGGLE SWITCH
S_2	TWO POLE TOGGLE SWITCH
S_3	3 WAY TOGGLE SWITCH
S_4	4 WAY TOGGLE SWITCH
K	KEY OPERATED SWITCH
K_3	3 WAY KEY OPERATED SWITCH
K_4	4 WAY KEY OPERATED SWITCH
D	DIMMER SWITCH
D_3	3 WAY DIMMER SWITCH
D_O	DIMMER OCCUPANCY SENSOR SWITCH
DL	LOW VOLTAGE DIMMER SWITCH
S_P	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 ANNUCIATOR PANEL
ATS	AUTOMATIC TRANSFER SWITCH
UPS	UNINTERRUPTIBLE POWER SUPPLY
CSX	LOW VOLTAGE CONTROL STATION "X" INDICATES TYPE
"X"	SINGLE / DUPLEX RECEPTACLE OUTLET "X" INDICATES TYPE
	SINGLE/DUPLEX RECEPTACLE OUTLET CONTROLLED BY AUTOMATIC CONTROL DEVICE/SYSTEM
	QUAD RECEPTACLE OUTLET
	ABOVE COUNTER DUPLEX RECEPTACLE (SIMILAR FOR TAMPER RESISTANT, QUADS, EMERGENCY AND GFCI RECEPTACLES)
	DUPLEX RECEPTACLE-GROUND FAULT CIRCUIT INTERRUPTER
	DEAD FRONT-GROUND FAULT CIRCUIT INTERRUPTER
	DUPLEX EMERGENCY RECEPTACLE OUTLET
	DUPLEX TAMPER RESISTANT RECEPTACLE OUTLET
	QUAD TAMPER RESISTANT RECEPTACLE OUTLET
	ABOVE COUNTER DUPLEX TAMPER RESISTANT RECEPTACLE OUTLET
	DUPLEX UPS RECEPTACLE
	DUPLEX RECEPTACLE WITH 2 USB PORTS OUTLET
	4 PORT USB CHARGING STATION
	CEILING MOUNTED DUPLEX/QUAD RECEPTACLE
	POWER POLE
	WALL/CEILING MOUNTED SPECIAL RECEPTACLE – REFER TO ELECTRICAL STANDARD SCHEDULES
	MULTI-OUTLET SURFACE RACEWAY
"X"	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
S S	DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES
S3 S3	3-WAY DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES
S4 S4	4-WAY DUAL SWITCHING FOR INNER/OUTER LAMPS OF FLUORESCENT LIGHT FIXTURES
S_T	DIGITAL TIME SWITCH
S_I	ILLUMINATED TOGGLE SWITCH FOR CONTROL OF LIGHTING ON CRITICAL POWER-ILLUMINATED WHEN SWITCH IS IN "OFF" POSITION
S_L	LOW VOLTAGE SWITCH
S_O	OCCUPANCY SENSOR – REFER TO ELECTRICAL STANDARD SCHEDULES
S_{O2}	OCCUPANCY SENSOR
OS X	OCCUPANCY SENSOR "X" INDICATES TYPE

SYMBOL	DESCRIPTION
CP	CONTROL PANEL
	MOTOR
VFC	VARIABLE FREQUENCY CONTROLLER.
	MANUAL CONTROLLER
	MAGNETIC CONTROLLER
	COMBINATION MAGNETIC CONTROLLER
	NON-FUSIBLE DISCONNECT SWITCH
	FUSIBLE DISCONNECT SWITCH
CB	ENCLOSED CIRCUIT BREAKER
	PUSH BUTTON STATION
J	JUNCTION BOX
	HARD WIRE POWER CONNECTION
	GROUND ROD
	GROUND CONNECTION
HH	HANDHOLE
X	CONDUIT SLEEVE WITH BUSHINGS LENGTH AS REQUIRED "X" INDICATES CONDUIT SIZE
	CONDUIT UP
	CONDUIT DOWN
	EMPTY BOX FOR FUTURE TELECOMMUNICATION OUTLET
	ABOVE COUNTER EMPTY BOX FOR FUTURE TELECOMMUNICATION OUTLET
	EMPTY BOX FOR FUTURE CEILING MOUNTED TELECOMMUNICATION OUTLET
X	TELECOMMUNICATION OUTLET "X" INDICATES TYPE
X	ABOVE COUNTER TELECOMMUNICATION OUTLET "X" INDICATES TYPE
X	TELECOMMUNICATION CEILING MOUNTED OUTLET "X" INDICATES TYPE
	REFER TO ELECTRICAL STANDARD SCHEDULES
	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/STATION SELECTOR
B	SIGNALING BELL
	SINGLE FACE CLOCK – CEILING MOUNTED
	SINGLE FACE CLOCK – WALL MOUNTED
	DOUBLE FACE CLOCK – CEILING MOUNTED
	DOUBLE FACE COMBINATION CLOCK/SPEAKER CEILING MOUNTED
	DOUBLE FACE CLOCK – WALL MOUNTED
	DOUBLE FACE COMBINATION CLOCK/SPEAKER WALL MOUNTED
T/C	TIME CLOCK
C	CONTACTOR
P	PHOTOCELL
TT	TWIST TIMER

SYMBOL	DESCRIPTION
	SECURITY CAMERA
MD	MOTION DETECTOR
	SECURITY KEY SWITCH
DC	DOOR CONTACT
KP	KEY PAD
CR	CARD READER
DB	DURESS PUSH BUTTON STATION
DE	DELAYED EGRESS
REX	REQUEST TO EXIT STATION
PP	AUTOMATIC DOOR PUSH PAD OPERATOR
DO	DOOR OPERATOR
DA	DOOR ACTUATOR
AC	ACCESS CONTROL STATION
ACCP	ACCESS CONTROL CONTROL PANEL
ACPS	ACCESS CONTROL POWER SUPPLY
	CIRCUIT BREAKER
	DRAWOUT CIRCUIT BREAKER MANUALLY/ OPERATED
	DRAWOUT CIRCUIT BREAKER ELECTRICALLY/ OPERATED
	SWITCH
	AUTOMATIC OR MANUAL TRANSFER SWITCH
	FUSE
	TRANSFORMER
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	LIGHTNING ARRESTOR
X	PANELBOARD "X" INDICATES PANELBOARD NAME
	GROUND
	STRESS CONE TERMINATION
K	SECURITY 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
TDR	TIME DELAY RELAY
PRM	PHASE ROTATION MONITOR
	CAMLOK – MALE
	CAMLOK – FEMALE
	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
	BRANCH CIRCUIT PANELBOARD
	LOAD CENTER
	MOTOR CONTROL CENTER
T	TRANSFORMER
	DISTRIBUTION PANEL
GB	GROUND BUS
PB	PLUG IN BUSWAY
FB	FEEDER BUSWAY

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)
TD	THERMAL 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
IM	ADDRESSABLE MONITORING MODULE
CM	ADDRESSABLE CONTROL MODULE
TS	TAMPER SWITCH
FS	FLOW SWITCH
DR	MAGNETIC DOOR RELEASE

ELECTRICAL DRAWING INDEX

SHEET NO.	SHEET TITLE
E0.1	ELECTRICAL STANDARDS AND DRAWING INDEX
E0.2	ELECTRICAL STANDARD SCHEDULES
E0.3	ELECTRICAL SPECIFICATIONS
E0.4	FIRST LEVEL ELECTRICAL COMPOSITE PLAN
ED1.1	FIRST LEVEL ELECTRICAL DEMOLITION PLAN
E2.1	FIRST LEVEL LIGHTING PLAN
E3.1	FIRST LEVEL POWER PLAN
E5.1	ONE LINE DIAGRAM

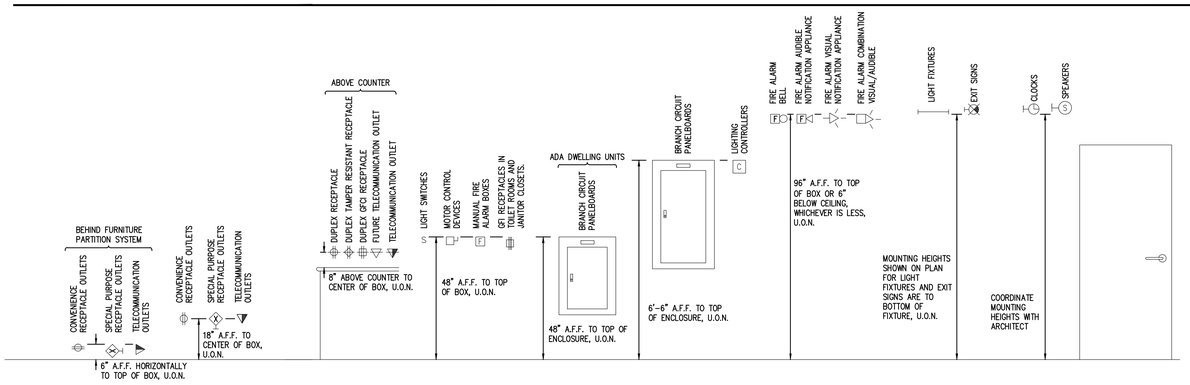
ELECTRICAL ABBREVIATION LIST

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
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
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
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

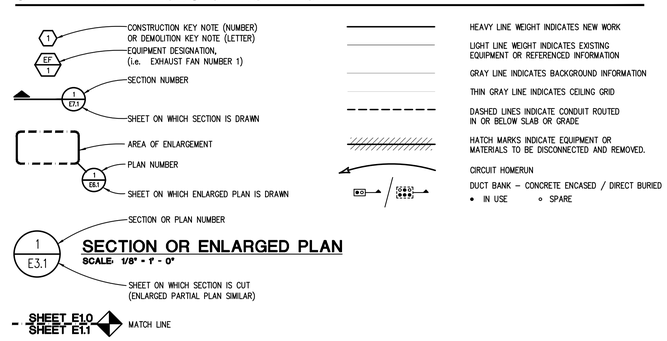
ABBREVIATION	DESCRIPTION
G/GRD/EG	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
HOA	HAND-OFF-AUTO
HP	HORSEPOWER
HV	HIGH VOLTAGE
HZ	HERTZ
IG	ISOLATED GROUND
JB	JUNCTION BOX
KA	THOUSAND AMP
KV	KILOVOLT
KVA	KILOVOLT – AMPERES
KW	KILOWATT
KWH	KILOWATT – HOURS
LA	LIGHTNING ARRESTOR
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

ABBREVIATION	DESCRIPTION
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
TTB	TELEPHONE TERMINAL BACKBOARD
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
US	UPSTAGE
V	VOLTS
W	WIRE OR WATTS
WG	WIRE GUARD
WP	WEATHERPROOF
WR	WEATHER RESISTANT
XFMR	TRANSFORMER
XP	EXPLOSION PROOF
(E)	EXISTING
(R)	RELOCATED

STANDARD MOUNTING HEIGHTS



STANDARD METHODS OF NOTATION



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PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

ELECTRICAL STANDARDS AND DRAWING INDEX

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN BAG
CHECKED STP
APPROVED STP

PROJECT NO.

22070G

DRAWING NO.

E0.1

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INTERIOR LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	VOLTAGE	(QTY.) LAMPS	MANUFACTURERS
L1	LED 2'X2' RECESSED FLAT PANEL LIGHT FIXTURE: ALUMINUM BEZEL, STEEL BACKING AND WHITE FROST ACRYLIC DIFFUSER. 0-10 VOLT DIMMING TO 10% FOR FIXTURES INDICATED AS EMERGENCY ON PLAN, PROVIDE 1200 LUMEN EMERGENCY BATTERY PACK.	MULTI	6,000 LUMENS 5000K 80CRI MINIMUM	1. LITHONIA CPX SERIES 2. MCTALUX CGTX 3. ELITE FPL SERIES
L2	DECORATIVE PENDANT LED CYLINDER FIXTURE 63" MAX LENGTH, 7" DIAMETER, 0-10V DIMMING, MONO POINT ARCCRAFT CABLE MOUNTED WITH WHITE SO POWER CORD. FROSTED WHITE ACRYLIC DIFFUSER.	MULTI	5,000 LUMENS 5000K 80CRI MINIMUM	1. OCL TB7 2. SPI PAVO 6 3. ORACLE P4100 SERIES
EXIT SIGN	LED EXIT SIGN: THERMOPLASTIC WHITE HOUSING, RED LETTERS. MOUNTING AS INDICATED ON DRAWINGS. HIGH OUTPUT LED DIFFUSE LIGHT PANEL, NICKEL-CADMIUM BATTERY BACK UP. SINGLE OR DOUBLE STENCIL WHITE FACE AS INDICATED ON DRAWINGS. REFER TO PLAN FOR MOUNTING TYPES AND DIRECTIONAL ARROWS.	MULTI	HIGH OUTPUT LED LIGHT PANEL	1. SURE-LITES LPX SERIES 2. LITHONIA QUANTUM LQM SERIES 3. DUAL-LITE LX SERIES

NOTES:
FOR FIXTURES INDICATED AS MULTI-VOLT ON SCHEDULE, ELECTRICAL CONTRACTOR SHALL FIELD VERIFY AND PROVIDE PROPER VOLTAGE.
COORDINATE WITH ARCHITECTURAL PLANS FOR CEILING TYPES.
COORDINATE WITH ARCHITECTURAL PLANS FOR EXTERIOR LIGHT FIXTURE MOUNTING HEIGHTS AT NEW ADDITIONS.

ALL LED FIXTURES SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
MULTI-VOLT ELECTRONIC DRIVER, MINIMUM OF 50,000 HOURS OPERATION WITH GREATER THAN 70% DELIVERED LUMEN OUTPUT.
LUMENS SHALL BE DELIVERED LUMENS.
INDOOR DRIVERS SHALL BE RATED FOR A MINIMUM 65°C.
OUTDOOR DRIVERS SHALL BE RATED FOR MINIMUM -20°C.
DRIVER SHALL BE LABELED TO COMPLY WITH NEMA SSL1, AND THD OF LESS THAN 20%
DRIVER SHALL BE SERVICEABLE FROM BELOW CEILING.
LUMINAIRE SHALL COMPLY WITH IES STANDARDS LM-79 AND LM-80.

BRANCH CIRCUIT VOLTAGE DROP WIRING SCHEDULE FOR SINGLE PHASE CIRCUITS

BRANCH CKT RATING (A)	WIRE SIZE (AWG)	MAXIMUM BRANCH CIRCUIT LENGTH (IN FEET)				
		120V	208V	240V	277V	480V
20A	12	83	143	165	191	331
	10	128	222	256	295	511
	8	201	348	402	464	804
	6	313	542	625	721	1250
30A	10	85	148	170	197	341
	8	134	232	268	309	536
	6	208	361	417	481	833
	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%

FEEDER AND BRANCH CIRCUIT SIZING SCHEDULE - GENERAL PURPOSE

OVERCURRENT DEVICE RATING (AMPERES)	COPPER CONDUCTORS						KEYED NOTES
	WIRE SIZE (AWG OR KCMIL)		CONDUIT SIZE				
	PHASE & NEUTRAL	GROUND	SINGLE PHASE 2 WIRE+G (1PH, 1N, 1G, 2PH, 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)	
15-20	12	12	3/4"	3/4"	3/4"	3/4"	
25-30	10	10	3/4"	3/4"	3/4"	3/4"	
35-40	8	10	3/4"	3/4"	3/4"	3/4"	
45-50	8 (6)	10	3/4"	3/4"	3/4"	3/4"	1
60	6 (4)	10	3/4" (1")	3/4" (1")	3/4" (1")	1" (1 1/4")	1
70	4	8	1"	1 1/4"	1 1/4"	1 1/4"	
80	4 (3)	8	1"	1 1/4"	1 1/4"	1 1/4"	1
90-100	3 (2)	8	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1
110	2 (1)	6	–	1 1/4"	1 1/4"	1 1/4" (1 1/2")	1
125	1 (1/0)	6	–	1 1/4" (1 1/2")	1 1/4" (1 1/2")	1 1/2"	1
150	1/0	6	–	1 1/2"	1 1/2"	1 1/2"	
175	2/0	6	–	2"	2"	2"	
200	3/0	6	–	2"	2"	2 1/2"	
225	4/0	4	–	2"	2"	2 1/2"	
250	250	4	–	2 1/2"	2 1/2"	2 1/2"	
300	350	4	–	2 1/2"	2 1/2"	3"	
350	500	3	–	3"	3"	3"	
400	500	3	–	3"	3"	3"	
450	2-4/0	2-2	–	2-2"	2-2"	2-2 1/2"	
500	2-250	2-2	–	2-2 1/2"	2-2 1/2"	2-2 1/2"	
600	2-350	2-1	–	2-2 1/2"	2-2 1/2"	2-3"	
700	2-500	2-1/0	–	2-3"	2-3"	2-3"	
800	2-500	2-1/0	–	2-3"	2-3"	2-3 1/2"	
1000	3-400	3-2/0	–	3-3"	3-3"	3-3"	
1200	3-600	3-3/0	–	3-3 1/2"	3-3 1/2"	3-3 1/2"	
1600	4-600	4-4/0	–	4-3 1/2"	4-3 1/2"	4-3 1/2"	
2000	5-600	5-250	–	5-3 1/2"	5-3 1/2"	5-3 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 UP TO AND INCLUDING #4/0. LARGER THAN #4/0 ARE BASED ON TYPE XHHW.
4. CONDUIT SIZES ARE VALID FOR EMT OR RGS. CONDUIT SIZES SHALL BE ADJUSTED AS REQUIRED FOR OTHER TYPES OF CONDUIT.
5. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR AND PROVIDE REQUIRED WIRE SIZES TO ACCOMMODATE MECHANICAL EQUIPMENT LUG SIZES.
6. SIZE OF DISCONNECT SWITCH LOCATED AT EQUIPMENT SHALL BE SIZED BASED UPON OVERCURRENT PROTECTION OF THAT DEVICE.
7. OBTAIN APPROVAL FROM ENGINEER PRIOR TO INSTALLING DIFFERENT SIZE/QUANTITY OF CONDUCTORS TO OBTAIN AN EQUIVALENT AMPACITY.
8. SPLICE FROM ALUMINUM TO COPPER PRIOR TO ENTERING EQUIPMENT LISTED FOR USE WITH COPPER CONDUCTORS ONLY OR USE COPPER CONDUCTORS FOR THE ENTIRE LENGTH OF FEEDER.

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.

RACEWAY / CONDUCTOR / CABLE APPLICATION SCHEDULE

		WIRE	RACEWAY									CABLE/CORD	
		COPPER, TYPE THHN/THWN-2	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	FLEXIBLE METAL CONDUIT (FMC)	LIQUID TIGHT FLEXIBLE METAL CONDUIT (LFMC)	SURFACE RACEWAY	METAL CLAD TYPE CABLE WITH INSULATED GROUND WIRE (TYPE MC)	POWER LIMITED CABLE
BRANCH CIRCUITS - INTERIOR	CONCEALED, ACCESSIBLE CEILINGS	X	X	X							X	
	CONCEALED, INACCESSIBLE CEILINGS	X	X	X								
	CONCEALED IN GYPSUM BOARD PARTITION WALLS	X	X	X				X			X	
	CONCEALED IN CMU WALLS	X	X	X								
	EXPOSED, BELOW 10' AFF AND SUBJECT TO DAMAGE	X		X	X	X						
	EXPOSED, BELOW 10' AFF AND NOT SUBJECT TO DAMAGE	X	X	X						X		
	EXPOSED, ABOVE 10' AFF UNFINISHED SPACES	X	X	X								
	EXPOSED, FINISHED SPACES	X								X		
	BELOW SLAB ON GRADE	X					X					
	EMBEDDED IN ELEVATED CONCRETE SLAB	X					X					
	DAMP AND WET LOCATIONS	X		X	X	X	X		X			
SPECIAL APPLICATIONS	CLASS 1 CONTROL CIRCUITS	X	X	X	X							
	CLASS 2 CONTROL CIRCUITS	X	X	X	X							X
	CLASS 3 CONTROL CIRCUITS	X	X	X	X							X

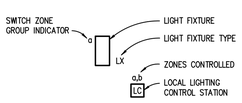
GENERAL NOTES:
1. TRANSITION FROM PVC/HDPE AND PROVIDE RIGID STEEL OR RTRC SWEEPS WHERE CONDUITS PENETRATE WALLS, CONCRETE SLABS, CONCRETE BASES, AND ASPHALT.
2. REFER TO SPECIFICATIONS FOR RESTRICTIONS ON MC/AC CABLE INSTALLATION.
3. EMT SHALL NOT BE USED ON THE EXTERIOR OF A BUILDING OR IN AREAS SUBJECT TO DAMAGE BELOW 10' AFF.
4. INSTALL SURFACE RACEWAYS ONLY WHERE INDICATED ON DRAWINGS.

INTERIOR LIGHTING CONTROL SCHEDULE

PLAN REFERENCE	ROOM TYPE	LOCAL CONTROL			CONTROL ON / OFF	SENSOR TYPE	TURN ON LIGHTING TO %	BI-LEVEL CONTROL	DAYLIGHT			NO DETECTION PARTIAL OFF		NO DETECTION FULL OFF (MIN)	EMERGENCY LIGHTING CIRCUIT CONTROL	HVAC CONTROL
		SWITCH TYPE	SWITCH CONTROL	SCENE CONTROL					SIDE LIGHT	TOP LIGHT	MAINTAIN FC LEVEL	REDUCE TO (%)	AT(MIN)			
A	LIBRARY (IN A READING AREA)	LOW VOLTAGE	ON-OFF-DIM	N/A	SENSOR ON / SENSOR OFF	DUAL TECHNOLOGY	PARTIAL 50%	CONTINUOUS DIM	YES	YES	EQUAL TO LIGHT OUTPUT OF FIXTURES OUTSIDE OF DAYLIGHTING AREA	N/A	N/A	20	BATTERY	YES

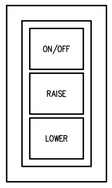
N/A = NOT APPLICABLE

NOTE:
1. REFER TO PLANS FOR LOCATION OF LOCAL CONTROL.
2. REFER TO PLANS FOR SCENE CONTROL.
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).



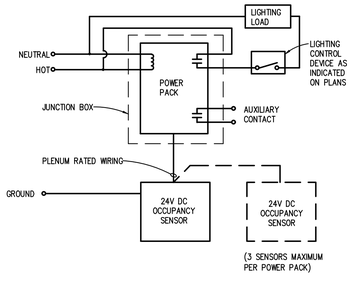
LIGHT FIXTURE CONTROLS KEY
NO SCALE

NOTES:
1. WHERE SWITCHING ZONES ARE NOT INDICATED, LOCAL LIGHTING CONTROL STATION SHALL CONTROL ALL LIGHT FIXTURES IN SPACE.
2. REFER TO LIGHTING CONTROL MATRIX FOR SWITCH TYPES REQUIRED AT LOCAL CONTROL STATION FOR EACH SPACE TYPE.



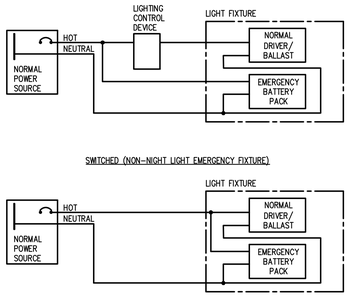
TYPICAL DIMMING LIGHTING CONTROL STATION
NO SCALE

NOTES:
1. FOR LIGHTING CONTROL DEVICES IN REMOTE LOCATIONS DEVICES SHALL HAVE PILOT LIGHT AND LABELING FOR FIXTURES BEING CONTROLLED.

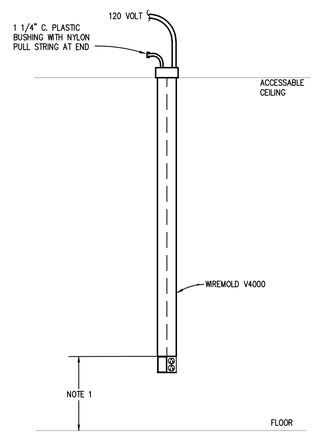


OCCUPANCY SENSOR WIRING DIAGRAM
NO SCALE

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.

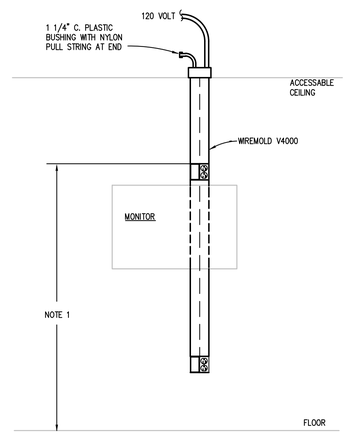


EMERGENCY BATTERY BACKUP WIRING DIAGRAM - INTERNAL TO LIGHT FIXTURE
NO SCALE



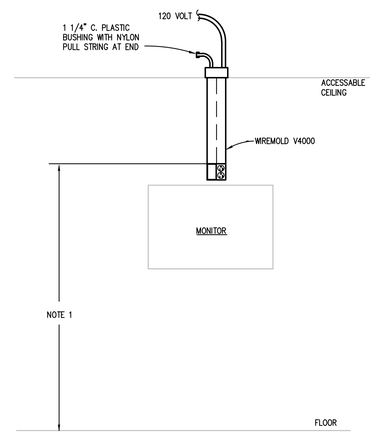
T CLASSROOM SURFACE MOUNTED TEACHERS STATION DETAIL
NO SCALE

NOTES:
1. COORDINATE FINAL TECHNOLOGY OUTLET AND ASSOCIATED POWER LOCATIONS WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH IN.
2. DATA DEVICES SHALL BE PROVIDED BY TECHNOLOGY CONTRACTOR.
3. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ALL TECHNOLOGY OUTLETS.



M1 CLASSROOM SURFACE MOUNTED MONITOR DETAIL
NO SCALE

NOTES:
1. COORDINATE FINAL TECHNOLOGY OUTLET AND ASSOCIATED POWER LOCATIONS WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH IN.
2. DATA DEVICES SHALL BE PROVIDED BY TECHNOLOGY CONTRACTOR.
3. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ALL TECHNOLOGY OUTLETS.



M2 CLASSROOM SURFACE MOUNTED MONITOR DETAIL
NO SCALE

NOTES:
1. COORDINATE FINAL TECHNOLOGY OUTLET AND ASSOCIATED POWER LOCATIONS WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH IN.
2. DATA DEVICES SHALL BE PROVIDED BY TECHNOLOGY CONTRACTOR.
3. PROVIDE BLANK STAINLESS STEEL FACEPLATE FOR ALL TECHNOLOGY OUTLETS.

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

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PBA Project No.: 2023.0300

PROJECT TITLE
Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE
ELECTRICAL STANDARD SCHEDULES

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN BAG
CHECKED STP
APPROVED STP

PROJECT NO.
22070G

DRAWING NO.
E0.2

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260010 – ELECTRICAL GENERAL REQUIREMENTS

A. SCOPE OF WORK: ALL MATERIAL SHALL BE NEW UNLESS OTHERWISE INDICATED. FURNISH ALL LABOR, EQUIPMENT, TECHNICAL SUPERVISION, AND INCIDENTAL SERVICES REQUIRED TO COMPLETE, TEST, AND LEAVE READY FOR OPERATION THE ELECTRICAL SYSTEMS AS SPECIFIED AND AS INDICATED ON DRAWINGS.
B. ORDINANCES AND CODES: PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES AND REGULATIONS, THE RULES AND REGULATIONS OF NFPA, NECA, AND UL, UNLESS OTHERWISE INDICATED.
C. UNLESS OTHERWISE INDICATED, ALL REQUIRED PERMITS, LICENSES, INSPECTIONS, APPROVALS AND FEES FOR ELECTRICAL WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES, RULES AND REGULATIONS.
D. THE DRAWINGS SHOW THE LOCATION AND GENERAL ARRANGEMENT OF EQUIPMENT, ELECTRICAL SYSTEMS AND RELATED ITEMS. THEY SHALL BE FOLLOWED AS CLOSELY AS ELEMENTS OF THE CONSTRUCTION WILL PERMIT.
E. EXAMINE THE DRAWINGS OF OTHER TRADES AND VERIFY THE CONDITIONS GOVERNING THE WORK ON THE JOB SITE. ARRANGE WORK ACCORDINGLY, PROVIDING SUCH FITTINGS, CONDUIT, JUNCTION BOXES AND ACCESSORIES AS MAY BE REQUIRED TO MEET SUCH CONDITIONS.
F. COORDINATE ARRANGEMENT, MOUNTING AND SUPPORT OF ELECTRICAL EQUIPMENT WITH OTHER TRADES.
G. VISIT THE SITE, EXAMINE AND VERIFY THE CONDITIONS UNDER WHICH THE WORK MUST BE CONDUCTED BEFORE SUBMITTING PROPOSAL. THE SUBMITTING OF A PROPOSAL IMPLIES THAT THE CONTRACTOR HAS VISITED THE SITE AND UNDERSTANDS THE CONDITIONS UNDER WHICH THE WORK MUST BE CONDUCTED. NO ADDITIONAL CHARGES WILL BE ALLOWED BECAUSE OF FAILURE TO MAKE THIS EXAMINATION OR TO INCLUDE ALL MATERIALS AND LABOR TO COMPLETE THE WORK.
H. BIDS SHALL BE BASED UPON MANUFACTURED EQUIPMENT SPECIFIED. VOLUNTARY ALTERNATES MAY BE SUBMITTED FOR CONSIDERATION, WITH LISTED ADDITION OR DEDUCTION TO THE BID.
I. WARRANTY: CONTRACTOR SHALL WARRANTY THAT THE ELECTRICAL INSTALLATION IS FREE FROM DEFECTS AND AGREES TO REPLACE OR REPAIR, TO THE OWNER'S SATISFACTION, ANY PART OF THIS ELECTRICAL INSTALLATION WHICH BECOMES DEFECTIVE WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION FOLLOWING FINAL ACCEPTANCE, PROVIDED THAT SUCH FAILURE IS DUE TO DEFECTS IN THE EQUIPMENT, MATERIAL, WORKMANSHIP OR FAILURE TO FOLLOW THE CONTRACT DOCUMENTS.
J. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEMPORARY SERVICES INCLUDING EQUIPMENT AND INSTALLATION REQUIRED TO MAINTAIN OPERATION AS A RESULT OF ANY EQUIPMENT FAILURE OR DEFECT DURING WARRANTY PERIOD.
K. FILE WITH THE OWNER ANY AND ALL WARRANTIES FROM THE EQUIPMENT MANUFACTURERS INCLUDING THE OPERATING CONDITIONS AND PERFORMANCE CAPACITIES THEY ARE BASED ON.
L. CONSULT WITH THE OWNER'S REPRESENTATIVE AS TO THE METHODS OF CARRYING ON THE WORK SO AS NOT TO INTERFERE WITH THE OWNER'S OPERATION ANY MORE THAN ABSOLUTELY NECESSARY. ACCORDINGLY, ALL SERVICE LINES SHALL BE KEPT IN OPERATION AS LONG AS POSSIBLE AND THE SERVICES SHALL ONLY BE INTERRUPTED AT SUCH TIME AS WILL BE DESIGNATED BY THE OWNER'S REPRESENTATIVE.
M. ALL CUTTING, PATCHING AND REPAIR WORK SHALL BE PERFORMED BY THE CONTRACTOR THROUGH APPROVED, QUALIFIED SUBCONTRACTORS. CONTRACTOR SHALL INCLUDE FULL COST OF SAME IN BID.
N. PROVIDE ALL EXCAVATION, TRENCHING, TUNNELING, DEWATERING AND BACKFILLING REQUIRED FOR THE ELECTRICAL WORK. COORDINATE THE WORK WITH OTHER EXCAVATING AND BACKFILLING IN THE SAME AREA.
O. INSPECT THE INSTALLATION OF ALL EQUIPMENT PER THE MANUFACTURER'S RECOMMENDATION AND APPLICABLE CODES.
P. PROVIDE UL APPROVED FIRE-STOPPING SYSTEM FOR ALL PENETRATIONS PASSING THROUGH FIRE RATED ASSEMBLIES.
Q. COMPLY WITH NECA 1.
R. PROVIDE COMPLETE OPERATION AND MAINTENANCE INSTRUCTIONAL MANUALS COVERING ALL ELECTRICAL EQUIPMENT HEREIN SPECIFIED, TOGETHER WITH PARTS LISTS.
S. CONTRACTOR SHALL SUBMIT TO THE ARCHITECT/ENGINEER, RECORD DRAWINGS ON ELECTRONIC MEDIA OR MYLAR WHICH HAVE BEEN NEATLY MARKED TO REPRESENT AS-BUILT CONDITIONS FOR ALL NEW ELECTRICAL WORK.
T. SUBMIT FOR REVIEW SHOP DRAWINGS FOR ELECTRICAL SYSTEMS OR EQUIPMENT LISTED BELOW:
   1. WIRING DEVICES
   2. LIGHTING FIXTURES
   3. LIGHTING CONTROL SYSTEMS AND DEVICES
   4. SURFACE RACEWAYS
   5. FIRE ALARM SYSTEM

DEMOLITION WORK

A. IN GENERAL, DEMOLITION WORK IS INDICATED ON THE DRAWINGS. HOWEVER, THE CONTRACTOR SHALL VISIT THE JOB SITE TO DETERMINE THE FULL EXTENT AND SCOPE OF THIS WORK.
B. UNLESS SPECIFICALLY NOTED TO THE CONTRARY, REMOVED MATERIALS SHALL NOT BE REUSED IN THE WORK. SALVAGED MATERIALS THAT ARE TO BE REUSED SHALL BE STORED SAFE AGAINST DAMAGE AND TURNED OVER TO THE APPROPRIATE TRADE FOR REUSE. SALVAGED MATERIALS OF VALUE THAT ARE NOT TO BE REUSED SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS SUCH OWNERSHIP IS WAIVED. ITEMS ON WHICH THE OWNER WAIVES OWNERSHIP SHALL BECOME THE PROPERTY OF THE CONTRACTOR, WHO SHALL REMOVE AND LEGALLY DISPOSE OF SAME, AWAY FROM THE PREMISES.
C. WHERE EQUIPMENT OR FIXTURES ARE REMOVED AND WALLS REMAIN, OUTLETS SHALL BE PROPERLY BLANKED OFF, CONDUITS CAPPED, AND CONDUCTORS REMOVED BACK TO SOURCE OR NEAREST UPSTREAM DEVICE REMAINING IN SERVICE. AFTER ALTERATIONS ARE DONE, THE ENTIRE INSTALLATION SHALL PRESENT A "FINISHED" LOOK, AS APPROVED BY THE ARCHITECT/ENGINEER. THE ORIGINAL FUNCTION OF THE PRESENT ELECTRICAL WORK TO BE MODIFIED SHALL NOT BE CHANGED UNLESS REQUIRED BY THE SPECIFIC REVISIONS TO THE SYSTEM AS SPECIFIED OR AS INDICATED.
D. REROUTE SIGNAL WIRES, LIGHTING AND POWER WIRING AS REQUIRED TO MAINTAIN SERVICE. WHERE WALLS AND CEILINGS ARE TO BE REMOVED AS SHOWN ON THE DRAWINGS, THE CONDUIT IS TO BE CUT OFF BY THE ELECTRICAL TRADES SO THAT THE ABANDONED CONDUIT IN THESE WALLS AND CEILINGS MAY BE REMOVED WITH THE WALLS AND CEILINGS BY THE ARCHITECTURAL TRADES. ALL DEAD-END CONDUIT RUNS SHALL BE PLUGGED AT THE REMAINING LINE OUTLET BOXES OR AT THE PANELS.
E. WHERE NEW WALLS AND/OR FLOORS ARE INSTALLED WHICH INTERFERE WITH EXISTING OUTLETS, DEVICES, ETC., THE ELECTRICAL TRADES SHALL ADJUST, EXTEND AND RECONNECT SUCH ITEMS AS REQUIRED TO MAINTAIN CONTINUITY OF SAME.
F. ALL ELECTRICAL WORK IN ALTERED AND UNALTERED AREAS SHALL BE RUN CONCEALED WHEREVER POSSIBLE. USE OF SURFACE RACEWAY OR EXPOSED CONDUITS WILL BE PERMITTED ONLY WHERE APPROVED BY THE ARCHITECT/ENGINEER.

260519 – CONDUCTORS AND CABLES

A. CONDUCTOR MATERIAL: COPPER COMPLYING WITH NEMA WC 70; STRANDED CONDUCTOR.
B. CONDUCTOR INSULATION TYPES: TYPE THHN-THWN, XHHW-2, SO, COMPLYING WITH NEMA WC 70.
C. CONCEAL CABLES IN FINISHED WALLS, CEILINGS, AND FLOORS, UNLESS OTHERWISE INDICATED.
D. USE CONDUCTOR NOT SMALLER THAN 12 AWG FOR POWER AND LIGHTING CIRCUITS. UNLESS INDICATED OTHERWISE, ALL CIRCUITS SHALL BE 2#12, 1#12G, 3/4"C.
E. USE CONDUCTOR NOT SMALLER THAN 14 AWG FOR CONTROL CIRCUITS, PROVIDED BY ELECTRICAL CONTRACTOR.
F. SUPPORT COMMUNICATION CABLES ABOVE ACCESSIBLE CEILING, USING SPRING METAL CLIPS OR PLASTIC CABLE TIES TO SUPPORT CABLES FROM STRUCTURE. DO NOT REST CABLE ON CEILING PANELS.
G. USE "STA-KON" CONNECTORS TO TERMINATE STRANDED CONDUCTORS #10 AWG AND SMALLER TO SCREW TERMINALS.
H. CONDUCTOR AND INSULATION APPLICATIONS:
   1. REFER TO APPLICATION SCHEDULE INCLUDED ON THE DRAWINGS.

260526 – GROUNDING AND BONDING

A. EQUIPMENT GROUNDING: COMPLY WITH NFPA 70, ARTICLE 250, FOR TYPES, SIZES, AND QUANTITIES OF EQUIPMENT GROUNDING CONDUCTORS, UNLESS SPECIFIC TYPES, LARGER SIZES, OR MORE CONDUCTORS THAN REQUIRED BY NFPA 70 ARE INDICATED.
B. PROVIDE EQUIPMENT GROUNDING CONDUCTORS IN EACH RACEWAY.

260533 – RACEWAYS AND BOXES

A. SURFACE METAL RACEWAYS: GALVANIZED STEEL WITH SNAP-ON COVERS. FINISH WITH MANUFACTURER'S STANDARD PRIME COATING. WIREMOLD OR EQUAL. SIZE/TYPE AS SHOWN ON DRAWINGS.
B. MINIMUM RACEWAY SIZE: 3/4-INCH TRADE SIZE.
C. INSTALL CONDUIT IN ACCORDANCE WITH NECA "NATIONAL ELECTRICAL INSTALLATION STANDARDS".
D. ROUTE CONDUITS IN FINISHED AREAS WITH EXPOSED CEILINGS AT UNDERSIDE OF STRUCTURAL DECK OR AS HIGH AS POSSIBLE. WHERE STEEL METAL DECK ON STEEL JOIST CONSTRUCTION, ROUTE CONDUITS ABOVE JOISTS. DO NOT SECURE CONDUIT TO BOTTOM OF JOISTS.
E. RACEWAY APPLICATIONS: REFER TO RACEWAY APPLICATIONS SCHEDULE INCLUDED ON THE DRAWINGS.
F. FITTINGS FOR EMT: STEEL, SET SCREW TYPE.
G. INSTALL SURFACE RACEWAYS ONLY WHERE INDICATED ON DRAWINGS.
H. CONCEAL CONDUIT AND EMT WITHIN FINISHED WALLS, CEILINGS, AND FLOORS UNLESS OTHERWISE INDICATED.
I. COMMUNICATIONS AND SIGNAL CABLING SYSTEMS RACEWAYS: ALL BENDS WILL BE LONG, SWEEPING BENDS WITH A RADIUS NOT LESS THAN:
   1. SIX TIMES THE INTERNAL DIAMETER OF CONDUITS 2 INCHES OR SMALLER.
   2. TEN TIMES THE INTERNAL DIAMETER OF CONDUITS LARGER THAN 2 INCHES.
   3. TEN TIMES THE INTERNAL DIAMETER OF CONDUITS FOR FIBER CABLING.

260553 – ELECTRICAL IDENTIFICATION

A. COMPLY WITH ANSI A13.1, ANSI C2, NFPA 70, AND 29 CFR 1910.145.
B. COORDINATE IDENTIFICATION NAMES, ABBREVIATIONS, COLORS, AND OTHER FEATURES WITH REQUIREMENTS IN THE CONTRACT DOCUMENTS, SHOP DRAWINGS, MANUFACTURER'S WIRING DIAGRAMS, AND THE OPERATION AND MAINTENANCE MANUAL, AND WITH THOSE REQUIRED BY CODES, STANDARDS, AND 29 CFR 1910.145. USE CONSISTENT DESIGNATIONS THROUGHOUT PROJECT.
C. COORDINATE INSTALLATION OF IDENTIFYING DEVICES WITH COMPLETION OF COVERING AND PAINTING OF SURFACES WHERE DEVICES ARE TO BE APPLIED, WITH LOCATION OF ACCESS PANELS AND DOORS.
D. INSTALL IDENTIFYING DEVICES BEFORE INSTALLING ACOUSTICAL CEILINGS AND SIMILAR CONCEALMENT.
E. INSTALL ENGRAVED, LAMINATED ACRYLIC OR MELAMINE LABEL THAT ARE PUNCHED OR DRILLED FOR SCREW MOUNTING WITH SELF TAPPING STAINLESS STEEL SCREWS. LABELS SHALL HAVE BLACK LETTERS ON A WHITE BACKGROUND. MINIMUM LETTER HEIGHT SHALL BE 3/8 INCH (10 MM). LABELS SHALL BE INSTALLED ON ALL ELECTRICAL EQUIPMENT AFFECTED BY PROJECT.
   1. PANELBOARD AND TRANSFORMER NAMEPLATES: IDENTIFY SOURCE FED FROM, VOLTAGE, SIZE, AND NAME.
   2. ENCLOSED CONTROLLERS, CIRCUIT BREAKERS, DISCONNECT SWITCHES: IDENTIFY SOURCE AND LOAD SERVED.
F. WIRING DEVICES: USE ADHESIVE LABEL WITH BLACK FILLED LETTERING ON FACE OF WALL PLATE AND DURABLE WIRE MARKERS OR TAGS INSIDE OUTLET BOXES. LABELS SHALL BE CLEAR POLYESTER WITH BLACK LETTER, FONT SIZE OF 7. IDENTIFY PANELBOARD AND CIRCUIT NUMBER FROM WHICH SERVED.
G. USE THE COLORS LISTED BELOW FOR UNGROUNDED SERVICE, FEEDER, AND BRANCH-CIRCUIT CONDUCTORS.
   1. COLOR SHALL BE FACTORY APPLIED OR, FOR SIZES LARGER THAN NO. 10 AWG IF AUTHORITIES HAVING JURISDICTION PERMIT, FIELD APPLIED.
   2. COLORS FOR 208/120-V CIRCUITS:
      a. PHASE A: BLACK.
      b. PHASE B: RED.
      c. PHASE C: BLUE.
      d. NEUTRAL: WHITE.
   3. COLORS FOR 480/277-V CIRCUITS:
      a. PHASE A: BROWN.
      b. PHASE B: ORANGE.
      c. PHASE C: YELLOW.
      d. NEUTRAL: GRAY.
   4. FIELD-APPLIED, COLOR-CODING CONDUCTOR TAPE: APPLY IN HALF-LAPPED TURNS FOR A MINIMUM DISTANCE OF 6 INCHES FROM TERMINAL POINTS AND IN BOXES WHERE SPLICES OR TAPS ARE MADE. APPLY LAST TWO TURNS OF TAPE WITH NO TENSION TO PREVENT POSSIBLE UNWINDING. LOCATE BANDS TO AVOID OBSCURING FACTORY CABLE MARKINGS.
H. ACCESSIBLE RACEWAYS AND CABLES OF AUXILIARY SYSTEMS: IDENTIFY THE FOLLOWING SYSTEMS WITH COLOR-CODED, SELF-ADHESIVE VINYL TAPE APPLIED IN BANDS:
   1. FIRE ALARM SYSTEM: RED.
   2. SECURITY SYSTEM: BLUE AND YELLOW.
   3. TELECOMMUNICATION SYSTEM: GREEN AND YELLOW.
   4. CONTROL WIRING: GREEN AND RED.

260923 – LIGHTING CONTROL DEVICES

A. INSTALL LIGHTING CONTROL DEVICES AS INDICATED ON PLAN. INSTALL AT ACCESSIBLE LOCATIONS. MOUNT PHOTOCELL ON ROOF OR PARAPET TO ½" GRS CONDUIT, SUPPORTED TO BUILDING STRUCTURE BELOW. COORDINATE ROOF PENETRATION WITH ROOFING CONTRACTOR.
B. COORDINATE OCCUPANCY SENSOR LOCATIONS, COVERAGES AND REQUIRED QUANTITIES WITH MANUFACTURER'S RECOMMENDATIONS. COVERAGE AREAS INDICATED ON THE DRAWINGS ARE FOR MINOR MOTION (6 TO 8 INCHES OF HAND MOVEMENT). PROVIDE ADDITIONAL OCCUPANCY SENSORS AND CONTROL UNITS AS REQUIRED TO ACHIEVE COMPLETE MINOR MOTION COVERAGE OF THE SPACE INDICATED.
C. OCCUPANCY SENSOR ADJUSTMENTS: WHEN REQUESTED WITHIN 12 MONTHS OF DATE OF SUBSTANTIAL COMPLETION, PROVIDE ON-SITE ASSISTANCE IN ADJUSTING SENSORS TO SUIT ACTUAL OCCUPIED CONDITIONS. PROVIDE UP TO TWO VISITS TO SITE OUTSIDE NORMAL OCCUPANCY HOURS FOR THIS PURPOSE.
D. OCCUPANCY SENSOR:
   1. WALL SWITCH PASSIVE INFRARED OCCUPANCY SENSOR: WATTSTOPPER PW-100 OR EQUAL.
   2. DUAL LEVEL SWITCHING PASSIVE INFRARED OCCUPANCY SENSOR: WATTSTOPPER PW-200 OR EQUAL.
   3. 360° CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR: WATTSTOPPER DT 300 OR EQUAL.
   4. 110° WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR: WATTSTOPPER DT-200 OR EQUAL.
   5. 360° CEILING MOUNTED ULTRASONIC OCCUPANCY SENSORS: WATTSTOPPER "WT" SERIES OR EQUAL.
   6. 360° CEILING MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR. WATTSTOPPER CI-200 OR EQUAL.
E. OCCUPANCY SENSOR CONTROL UNITS:
   1. DESCRIPTION: TRANSFORMER AND RELAY COMBINED IN SINGLE UNIT TO PROVIDE 24DC POWER TO SENSORS AND PROVIDE 20A CONTACT(S) FOR CONTROL OF LIGHTING LOADS AT 120 OR 277V. CONTROL UNIT INPUT POWER SHALL BE FROM UNSWITCHED LEG OF LIGHTING CIRCUIT IT IS CONTROLLING.
      a. CONTROL UNITS SHALL BE PROVIDED AS REQUIRED TO POWER CEILING MOUNTED OCCUPANCY SENSORS, CONTROL LIGHTING LOADS AND PROVIDE A MINIMUM OF ONE AUXILIARY CONTACT.
      b. OCCUPANCY SENSOR CONTROL UNITS SHALL MOUNT EXTERNAL TO 4"SQ JUNCTION BOX IN THE CEILING SPACE. ALL WIRING BETWEEN CONTROL UNIT AND OCCUPANCY SENSOR SHALL BE PLENUM RATED.
      c. LOCATE CONTROL UNIT IN ACCESSIBLE LOCATION IN GYP-BOARD CEILINGS, ADJACENT TO RETURN AIR GRILLES, OR PROVIDE ACCESS PANEL.
      d. ADDITIONAL AUXILIARY RELAY MODULES SHALL BE PROVIDED AS REQUIRED TO PROVIDE CONTROL OF ALL LIGHTING CIRCUITS AND ADDITIONAL AUXILIARY CONTACTS AS REQUIRED.
      e. IT IS ACCEPTABLE TO PROVIDE CONTROLS AND AUXILIARY CONTACTS AS REQUIRED INTEGRAL TO THE CEILING SENSOR, PROVIDED ALL REQUIRED CONTACTS ARE PROVIDED.
      f. MAXIMUM OF 3 SENSORS PER POWER PACK. VERIFY EXACT QUANTITIES REQUIRED WITH MANUFACTURER.

262726 – WIRING DEVICES

A. GENERAL WIRING DEVICE REQUIREMENTS: COMPLY WITH NFPA 70, NEMA WD 1, NEMA WD 6, UL498.
B. WIRING DEVICE AND WALL SWITCH COLOR WHITE
C. STANDARD GRADE RECEPTACLES
   1. TAMPER-RESISTANT DUPLEX RECEPTACLE, NEMA 5-20R: COMMERICAL GRADE. SAFETY MECHANISM TO ENERGIZE CONTACTS ONLY WHEN BOTH OPENINGS ARE SIMULTANEOUSLY ENGAGED. HUBBELL 5362TR OR EQUAL BY EATON/ARROW HART, LEVITON, OR LEGRAND PASS & SEYMOUR.
D. STRAIGHT-BLADE AND TWIST-LOCK RECEPTACLES, OTHER THAN NEMA 5-20R. PROVIDE COMMERCIAL SPECIFICATION GRADE STRAIGHT BLADE AND TWIST-LOCK RECEPTACLES WITH STANDARD NEMA CONFIGURATIONS IN ACCORDANCE WITH THE SPECIAL RECEPTACLES SCHEDULE INCLUDED ON THE DRAWINGS. HUBBELL, EATON/ARROW HART, AND LEVITON.
E. INSTALL RECEPTACLES FLUSH, WITH LONG DIMENSION VERTICAL, AND WITH GROUNDING TERMINAL ON TOP.
F. INSTALL TAMPER-RESISTANT TYPE RECEPTACLES IN ALL LOCATIONS AS REQUIRED BY THE NEC (406.12) AND AS INDICATED ON PLAN.
G. WALL SWITCHES: SINGLE AND DOUBLE-POLE SWITCHES COMPLY WITH DSCC W-C-896F AND UL 20. HUBBELL 1220 SERIES OR EQUAL BY EATON/ARROW HART, LEVITON, OR LEGRAND PASS & SEYMOUR.
H. WHERE MULTIPLE SWITCHES, DIMMERS, AND/OR OCCUPANCY SENSORS ARE ADJACENT TO EACH OTHER, PROVIDE A SINGLE COVER PLATE.
I. WALL PLATES:
   1. PROVIDE SATIN-FINISHED STAINLESS-STEEL WALL PLATES IN FINISHED AREAS.
   2. PROVIDE GALVANIZED STEEL WALL PLATES IN UNFINISHED AREAS.
J. CONNECT WIRING DEVICE GROUNDING TERMINAL TO OUTLET BOX WITH BONDING JUMPER. USE OF QUICK GROUND STRAP OR SCREW IS NOT ACCEPTABLE.

265119 – LED INTERIOR LIGHTING

A. PROVIDE LUMINAIRES (LIGHTING FIXTURES) AS INDICATED ON DRAWINGS.
B. PROVIDE DRIVERS AS AN INTEGRATED COMPONENT OF THE LUMINAIRE OR AS AN EXTERNAL COMPONENT OF AN ASSEMBLY OF LUMINARIES.
C. INSTALL FIXTURES LEVEL, PLUMB, AND SQUARE WITH CEILINGS AND WALLS UNLESS OTHERWISE INDICATED.
D. SUPPORT LUMINAIRES INDEPENDENT OF CEILING FRAMING. SUPPORT RECESSED GRID LUMINARIES FROM TWO OPPOSITE CORNERS DIRECTLY TO STRUCTURE. WIRE OR ROD SHALL HAVE BREAKING STRENGTH OF THE WEIGHT OF FIXTURE AT A SAFETY FACTOR OF 3.
E. INSTALL RECESSED LUMINAIRES TO PERMIT REMOVAL FROM BELOW.
F. INSTALL RECESSED LUMINAIRES USING ACCESSORIES AND FIRESTOPPING MATERIALS TO MEET REGULATORY REQUIREMENTS FOR FIRE RATING.
G. INSTALL SURFACE MOUNTED LUMINAIRES AND EXIT SIGNS PLUMB AND ADJUST TO ALIGN WITH BUILDING LINES AND WITH EACH OTHER. SECURE TO PROHIBIT MOVEMENT.
H. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS ACCORDING TO MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES. IF MANUFACTURER'S TORQUE VALUES ARE NOT INDICATED, USE THOSE SPECIFIED IN UL 486A AND UL 486B.
I. MAKE WIRING CONNECTIONS TO BRANCH CIRCUIT USING BUILDING WIRE WITH INSULATION SUITABLE FOR TEMPERATURE CONDITIONS WITHIN LUMINAIRE.
J. BOND PRODUCTS AND METAL ACCESSORIES TO BRANCH CIRCUIT EQUIPMENT GROUNDING CONDUCTOR.
K. CONNECT LUMINAIRES TO BRANCH CIRCUIT OUTLET BOXES PROVIDED UNDER RACEWAYS AND BOXES SECTION USING 1/2" FLEXIBLE CONDUIT.
L. CLEAN ELECTRICAL PARTS TO REMOVE CONDUCTIVE AND DELETERIOUS MATERIALS.
M. REMOVE DIRT AND DEBRIS FROM ENCLOSURES AND LENSES.
N. CLEAN PHOTOMETRIC CONTROL SURFACES AS RECOMMENDED BY MANUFACTURER.
O. CLEAN FINISHES AND TOUCH UP DAMAGE.
P. EXIT SIGNS: COMPLY WITH UL 924; FOR SIGN COLORS AND LETTERING SIZE, COMPLY WITH AUTHORITIES HAVING JURISDICTION.
   1. PROVIDE EXIT SIGNS WITH LIGHT-EMITTING DIODES, 70,000 HOURS MINIMUM OF RATED LAMP LIFE.
   2. SELF-POWERED EXIT SIGNS (BATTERY TYPE): INTEGRAL AUTOMATIC CHARGER IN A SELF-CONTAINED POWER PACK.
   3. BATTERY: SEALED, MAINTENANCE-FREE, NICKEL-CADMIUM TYPE WITH SPECIAL WARRANTY.
   4. CHARGER: FULLY AUTOMATIC, SOLID-STATE TYPE WITH SEALED TRANSFER RELAY.
   5. OPERATION: RELAY AUTOMATICALLY ENERGIZES LAMP FROM BATTERY WHEN CIRCUIT VOLTAGE DROPS TO 80 PERCENT OF NOMINAL VOLTAGE OR BELOW. WHEN NORMAL VOLTAGE IS RESTORED, RELAY DISCONNECTS LAMPS FROM BATTERY, AND BATTERY IS AUTOMATICALLY RECHARGED AND FLOATED ON CHARGER.
Q. EMERGENCY LIGHTING FIXTURES: SELF-CONTAINED, MODULAR, BATTERY-INVERTER UNIT FACTORY MOUNTED WITHIN FIXTURE BODY. COMPLY WITH UL 924.
   1. TEST SWITCH AND LIGHT-EMITTING-DIODE INDICATOR LIGHT: VISIBLE AND ACCESSIBLE WITHOUT OPENING FIXTURE OR ENTERING CEILING SPACE. INSTALL REMOTE TEST SWITCH AND PLATE IN ADJACENT CEILING TILE.
   2. BATTERY: SEALED, MAINTENANCE-FREE, NICKEL-CADMIUM TYPE WITH MINIMUM SEVEN-YEAR NOMINAL LIFE.
   3. CHARGER: FULLY AUTOMATIC, SOLID-STATE, CONSTANT-CURRENT TYPE.
   4. UNIVERSAL TRANSFORMER TO OPERATE AT 120 VOLT OR 277 VOLT.

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PBA Project No.: 2023.0300

PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

ELECTRICAL SPECIFICATIONS

ISSUE DATES

DATE:	ISSUED FOR:
07-31-2023	CONSTRUCTION DOCUMENTS

DRAWN BAG
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APPROVED STP

PROJECT NO.

22070G

DRAWING NO.

E0.3

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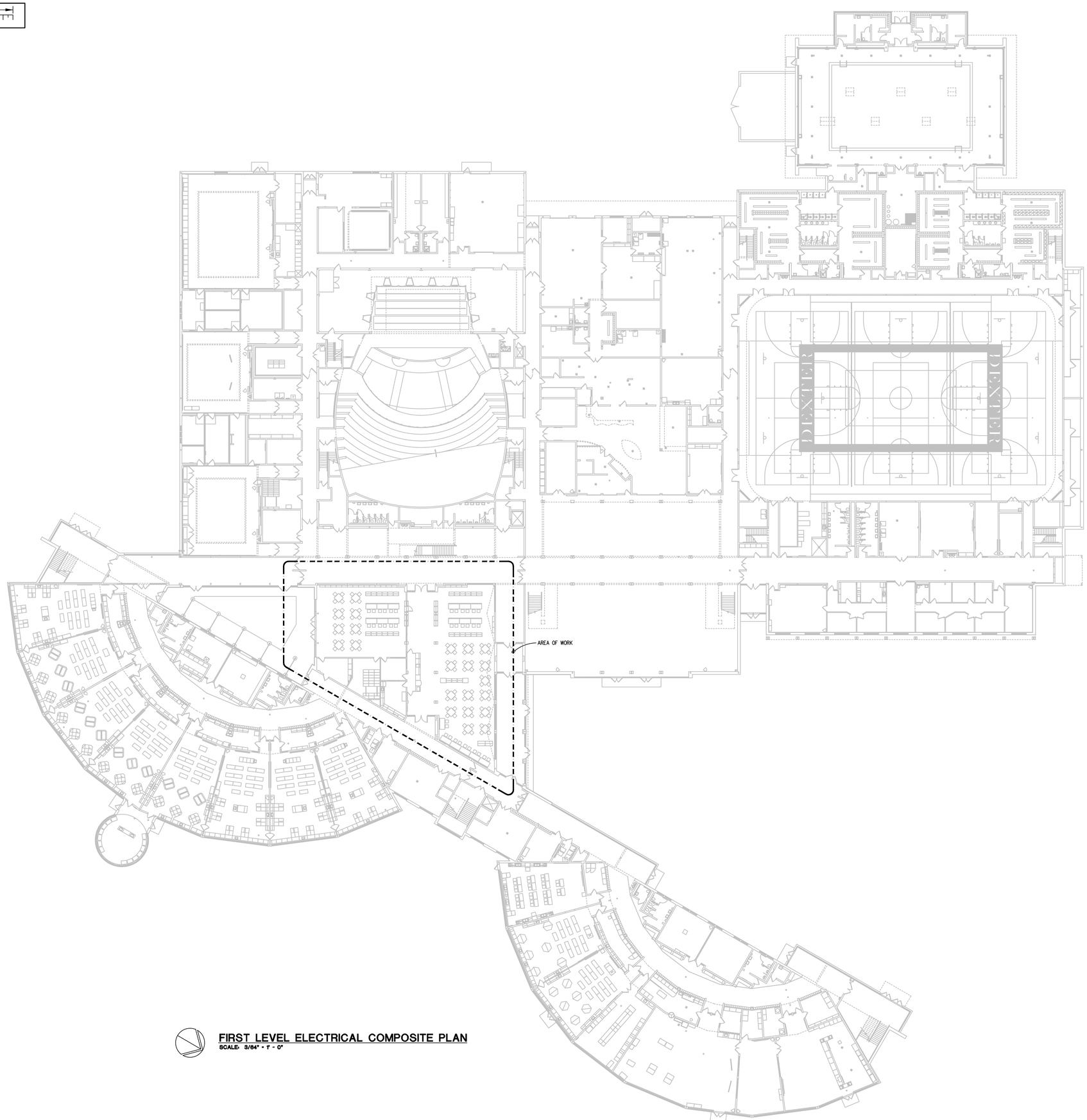
THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE. 1"



FIRST LEVEL ELECTRICAL COMPOSITE PLAN
SCALE: 3/64" = 1' - 0"

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PROJECT TITLE

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Dexter Community Schools

DRAWING TITLE

FIRST LEVEL ELECTRICAL COMPOSITE PLAN

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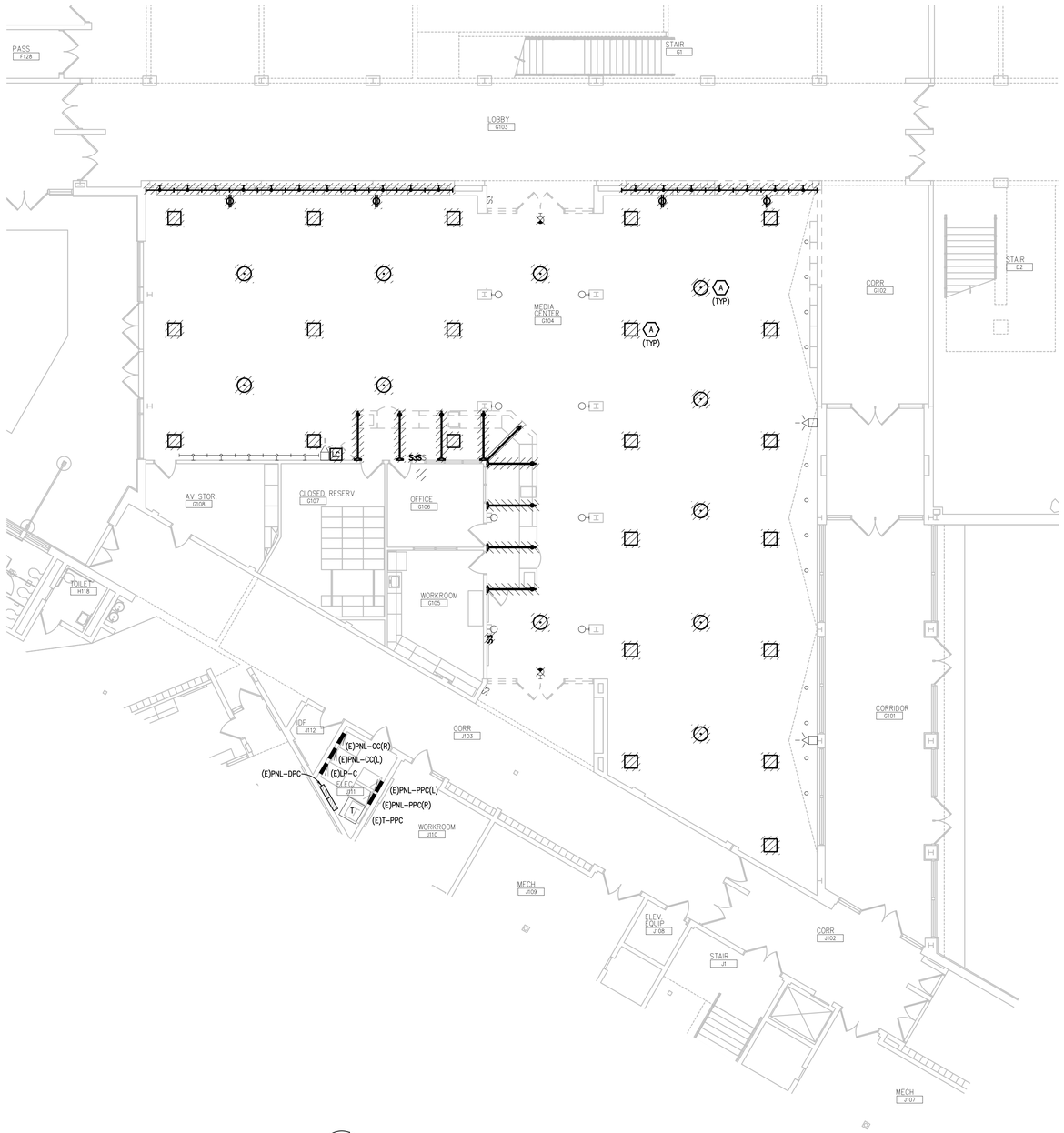
DRAWING NO.

E0.4

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



FIRST LEVEL ELECTRICAL DEMOLITION PLAN

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 LIGHT FIXTURE AND CONTROLS. MAINTAIN LIGHTING BRANCH CIRCUIT FOR RECONNECTION.

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PBA Project No.: 2023.0300

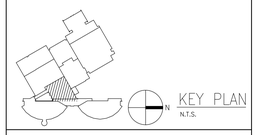
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

FIRST LEVEL ELECTRICAL DEMOLITION PLAN



ISSUE DATES

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PROJECT NO.

22070G

DRAWING NO.

ED1.1

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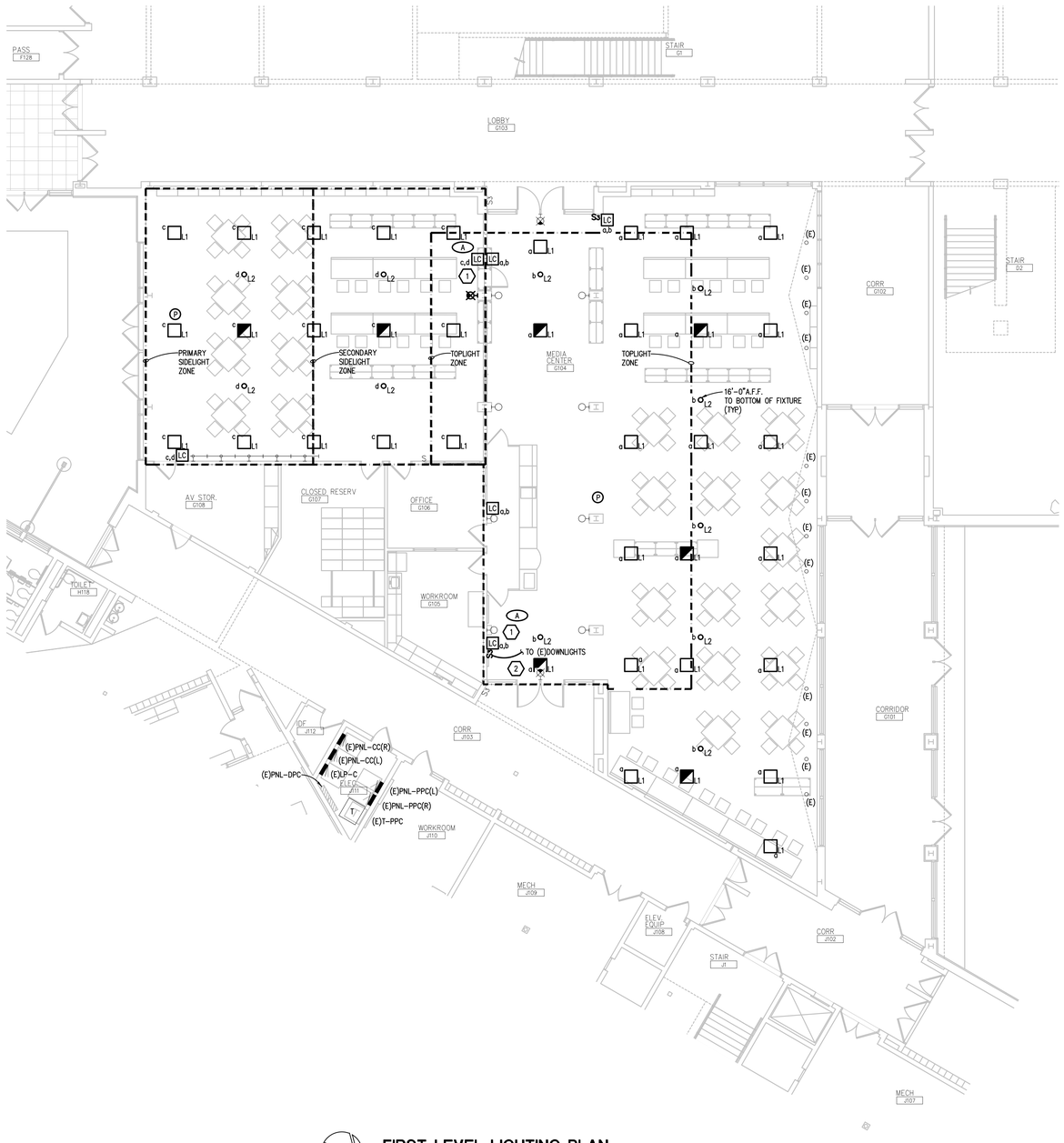

FIRST LEVEL LIGHTING PLAN

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. COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.
6. REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

(#) CONSTRUCTION KEY NOTES:

1. CIRCUIT LIGHTING TO MAINTAINED BRANCH CIRCUIT. MODIFY SWITCH LEG AS REQUIRED FOR WORK INDICATED.
2. MODIFY SWITCH LEG AS REQUIRED FOR EXISTING DOWNLIGHTS.

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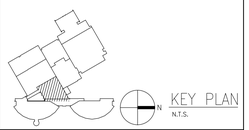
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

FIRST LEVEL LIGHTING PLAN



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PROJECT NO.

22070G

DRAWING NO.

E2.1

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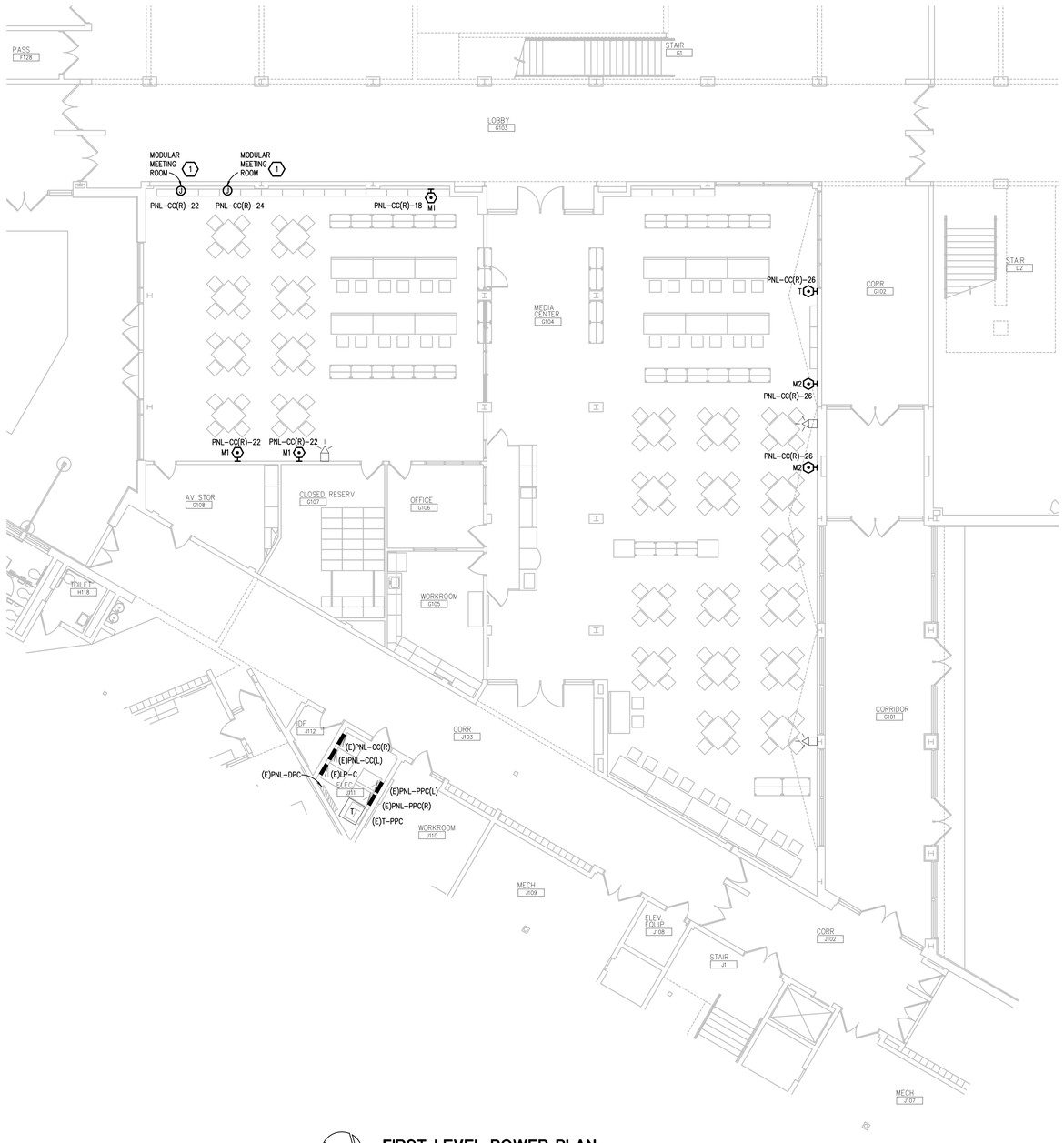

FIRST LEVEL POWER PLAN

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. COORDINATE THE MOUNTING HEIGHTS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND THE TRADES INSTALLING THE WORK.
6. REFER TO LIGHTING CONTROL SCHEDULE FOR ROOM CONTROL AND EMERGENCY LIGHTING CIRCUIT CONTROL REQUIREMENTS. DESIGNATION FOR ROOM IS INDICATED AS A LETTERED OVAL SYMBOL.

CONSTRUCTION KEY NOTES:

1. NEW POWERED FURNITURE BY OTHERS. COORDINATE EXACT REQUIREMENTS WITH FURNITURE MANUFACTURER.

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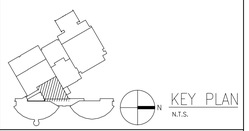
PROJECT TITLE

Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE

FIRST LEVEL POWER PLAN



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PROJECT NO.

22070G

DRAWING NO.

E3.1

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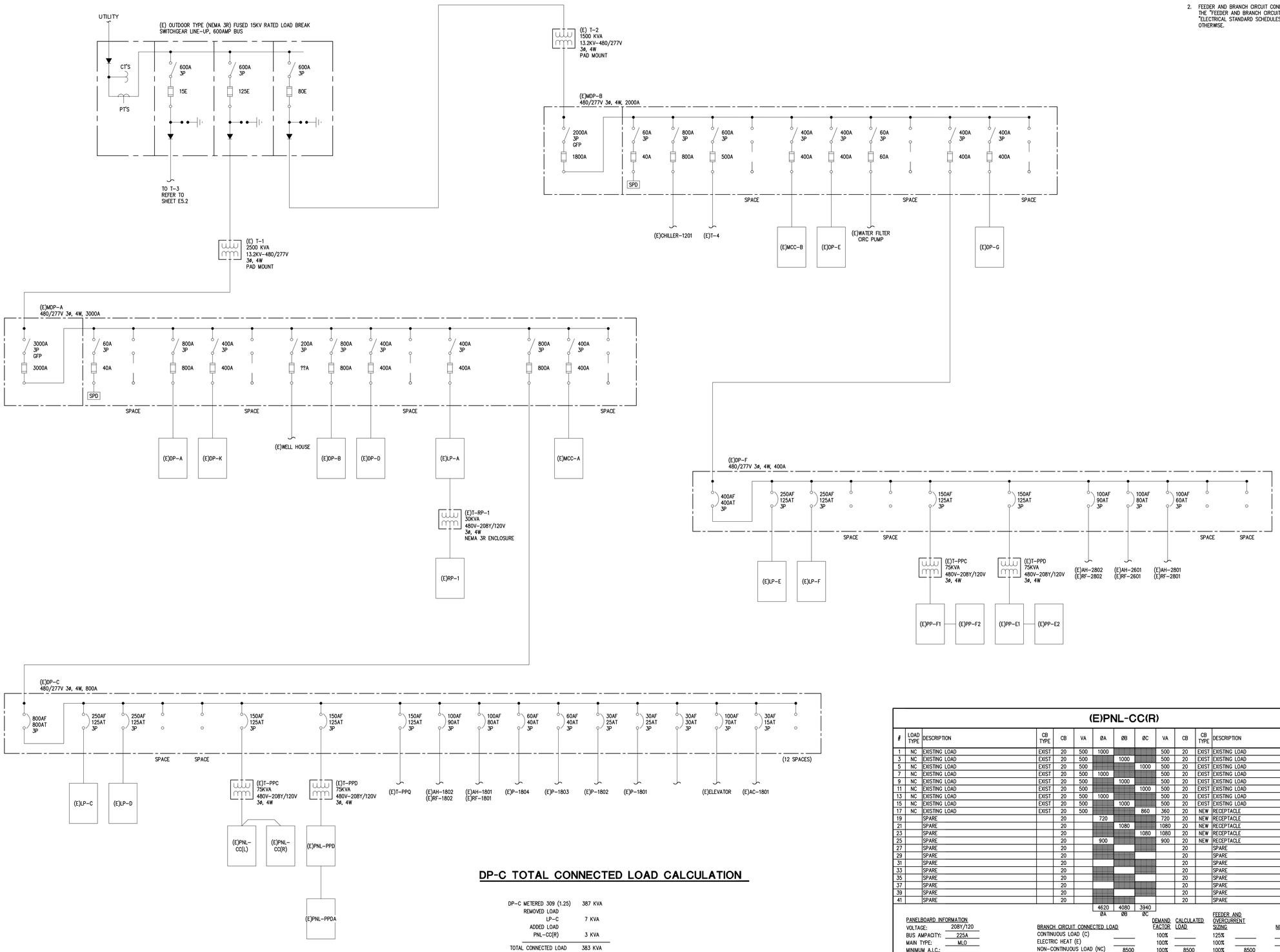
DIAGRAM GENERAL NOTES:

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.



DP-C TOTAL CONNECTED LOAD CALCULATION

DP-C METERED 309 (1.25)	387 KVA
REMOVED LOAD	
LP-C	7 KVA
ADDED LOAD	
PNL-CC(R)	3 KVA
TOTAL CONNECTED LOAD	383 KVA

ONE LINE DIAGRAM
NO SCALE

(E)PNL-CC(R)

#	LOAD TYPE	DESCRIPTION	CB TYPE	CB	VA	ØA	ØB	ØC	VA	CB	CB TYPE	DESCRIPTION	LOAD TYPE	#
1	NC	EXISTING LOAD	EXIST	20	500	1000			500	20	EXIST	EXISTING LOAD	NC	2
3	NC	EXISTING LOAD	EXIST	20	500		1000		500	20	EXIST	EXISTING LOAD	NC	4
5	NC	EXISTING LOAD	EXIST	20	500			1000	500	20	EXIST	EXISTING LOAD	NC	6
7	NC	EXISTING LOAD	EXIST	20	500	1000			500	20	EXIST	EXISTING LOAD	NC	8
9	NC	EXISTING LOAD	EXIST	20	500		1000		500	20	EXIST	EXISTING LOAD	NC	10
11	NC	EXISTING LOAD	EXIST	20	500			1000	500	20	EXIST	EXISTING LOAD	NC	12
13	NC	EXISTING LOAD	EXIST	20	500	1000			500	20	EXIST	EXISTING LOAD	NC	14
15	NC	EXISTING LOAD	EXIST	20	500		1000		500	20	EXIST	EXISTING LOAD	NC	16
17	NC	EXISTING LOAD	EXIST	20	500			860	360	20	NEW	RECEPTACLE	R	18
19		SPARE		20		720			720	20	NEW	RECEPTACLE	R	20
21		SPARE		20			1080		1080	20	NEW	RECEPTACLE	R	22
23		SPARE		20				1080	1080	20	NEW	RECEPTACLE	R	24
25		SPARE		20		900			900	20	NEW	RECEPTACLE	R	26
27		SPARE		20						20		SPARE		28
29		SPARE		20						20		SPARE		30
31		SPARE		20						20		SPARE		32
33		SPARE		20						20		SPARE		34
35		SPARE		20						20		SPARE		36
37		SPARE		20						20		SPARE		38
39		SPARE		20						20		SPARE		40
41		SPARE		20						20		SPARE		42
						4620	4080	3940						
						ØA	ØB	ØC						

PANELBOARD INFORMATION
VOLTAGE: 208Y/120
BUS AMPACITY: 225A
MAIN TYPE: MLO
MINIMUM A.I.C.: ____
MOUNTING: SURFACE

X FEED-THROUGH LUGS
____ DOUBLE LUGS
X INTEGRAL SPD

PANELBOARD LOCATION

BRANCH CIRCUIT CONNECTED LOAD		DEMAND FACTOR	CALCULATED LOAD	FEEDER AND OVERCURRENT SIZING		NOTES:
CONTINUOUS LOAD (C)		100%		125%		
ELECTRIC HEAT (E)		100%		100%		
NON-CONTINUOUS LOAD (NC)	8500	100%	8500	100%	8500	
KITCHEN LOAD (K)		100%		100%		
RECEPTACLE BASE LOAD (R)	4140	100%	4140	100%	4140	
RECEPTACLE DEMAND LOAD (R)		50%		100%		
LIGHTING LOAD (L)		100%		125%		
ADDITIONAL TRACK LIGHTING LOAD				100%		
MOTORS, HIGHEST LOAD (MH)		125%		100%		
MOTORS, REMAINING LOAD (M)		100%		100%		
		TOTAL(KVA):	33.64			

NOTE: DEMAND AND SIZING INFORMATION IS CALCULATED FROM CONNECTED LOAD

TOTAL (AMPS): 93 TOTAL (AMPS): 93

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Dexter High School Flex Spaces

Dexter Community Schools

DRAWING TITLE
ONE LINE DIAGRAM

ISSUE DATES

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DRAWN BAG
CHECKED STP
APPROVED STP

PROJECT NO.
22070G

DRAWING NO.
E5.1

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