

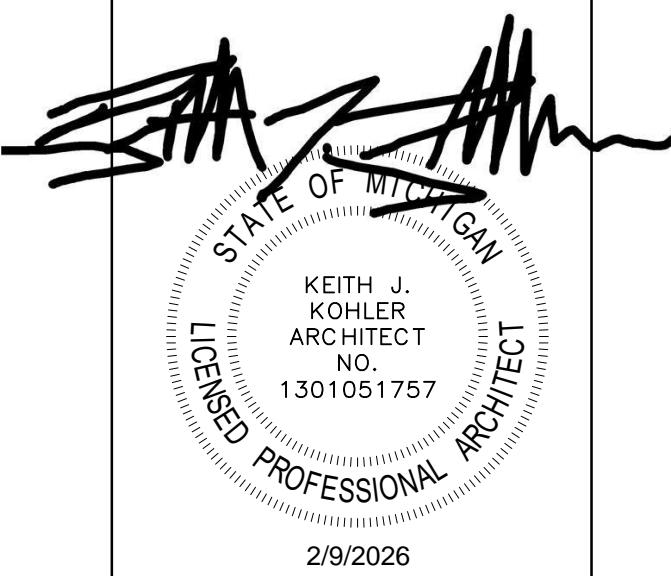


FIRE ALARM REPLACEMENT & RELATED WORK AT RAISINVILLE ELEMENTARY SCHOOL

2300 NORTH RAISINVILLE ROAD, MONROE MI 48162

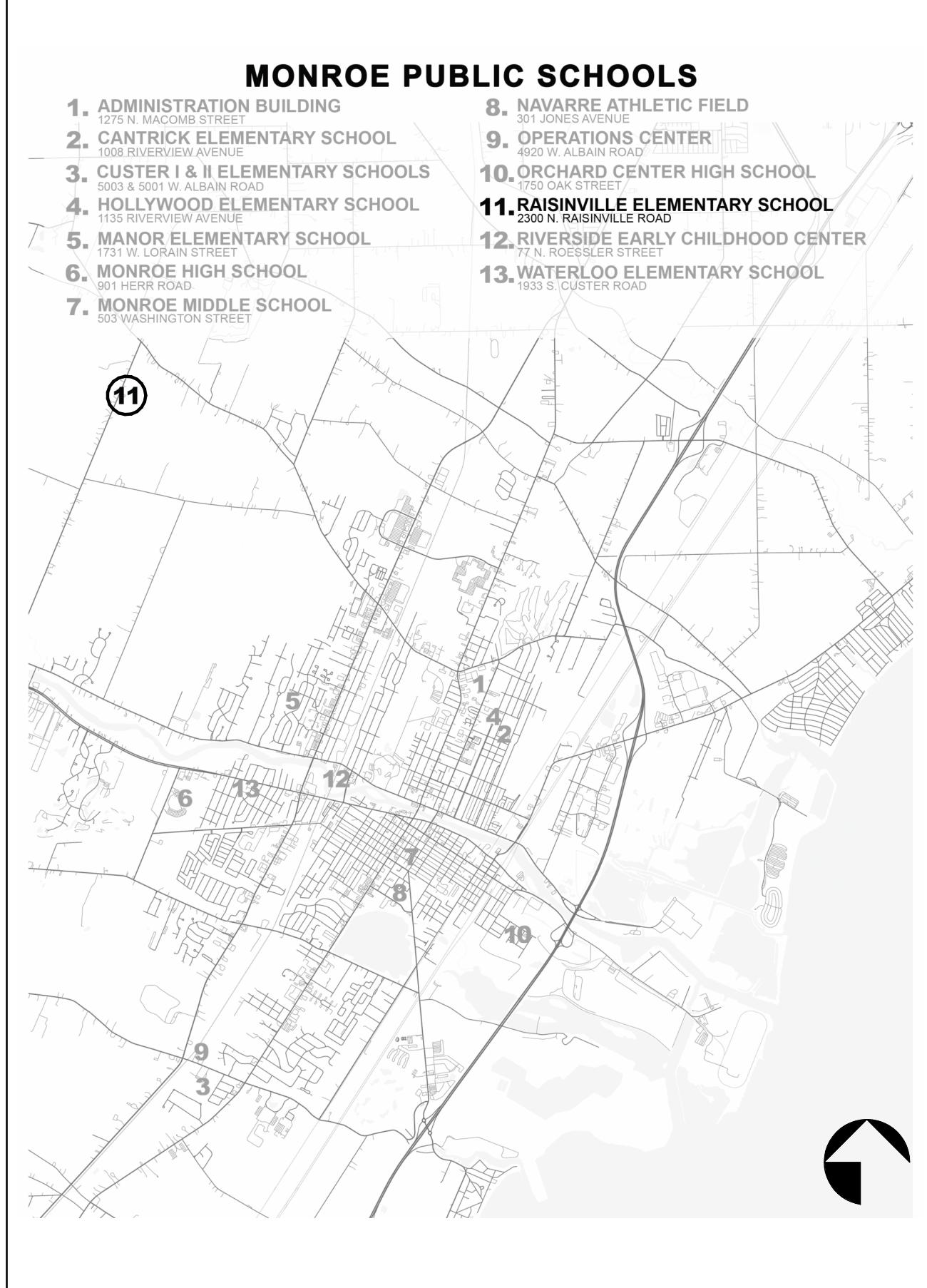


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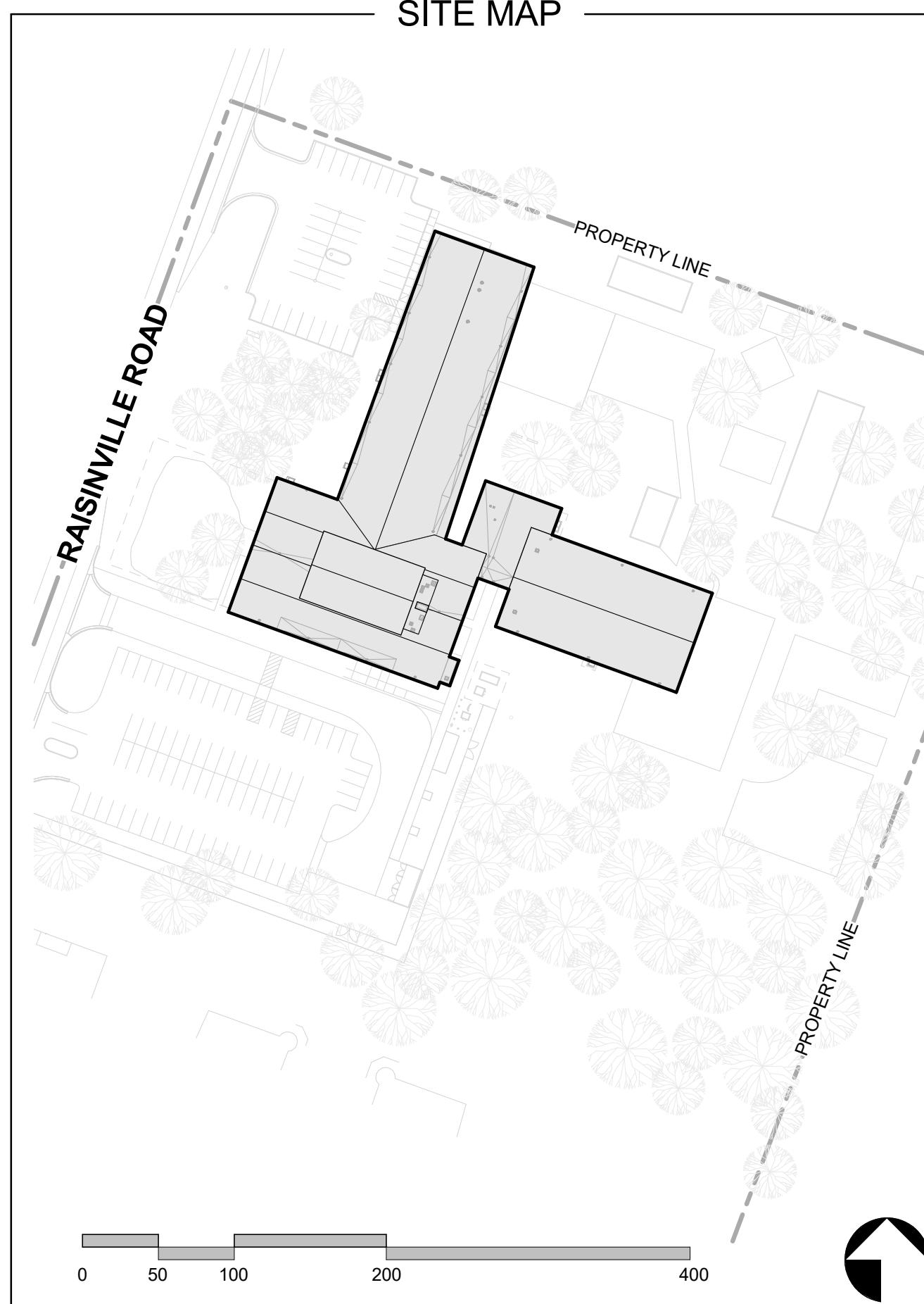


DATE 02.09.2026 DESCRIPTION BIDDING & STATE REVIEW

LOCATION MAP



SITE MAP



PROJECT DIRECTORY

OWNER:
MONROE PUBLIC SCHOOLS
1275 NORTH MACOMB STREET
MONROE, MICHIGAN 48162

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T0.00 TITLE SHEET
T1.00 ABBREVIATIONS, LEGENDS, SYMBOLS
LS1.00 CODE COMPLIANCE PLAN
A1.00 OVERALL REFLECTED CEILING PLAN W / FIRE ALARM COORDINATION
E1.01 ELECTRICAL LEGEND AND DETAILS
E2.01 FIRE ALARM SYSTEM DEMOLITION PLAN
E4.01 FIRE ALARM SYSTEM PLAN

DRAWING INDEX

PROJECT DESCRIPTION

PROJECT NARRATIVE:
REMOVE EXIST. FIRE ALARMS AND RELATED HARDWARE, INSTALL NEW UP TO DATE FIRE ALARMS AND RELATED HARDWARE. PATCH FINISHES IN AREA OF WORK.

FIRE ALARM REPLACEMENT & RELATED WORK

RAISINVILLE ELEMENTARY SCHOOL

1275 N. MACOMB STREET, MONROE MI 48162

MONROE PUBLIC SCHOOLS

AT FOR

JOB # 26103

TITLE SHEET

T0.00



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RAISINVILLE ELEMENTARY SCHOOL

230 NORTH RAISINVILLE ROAD, MONROE MI 48162

AT

FOR

FIRE ALARM REPLACEMENT & RELATED WORK

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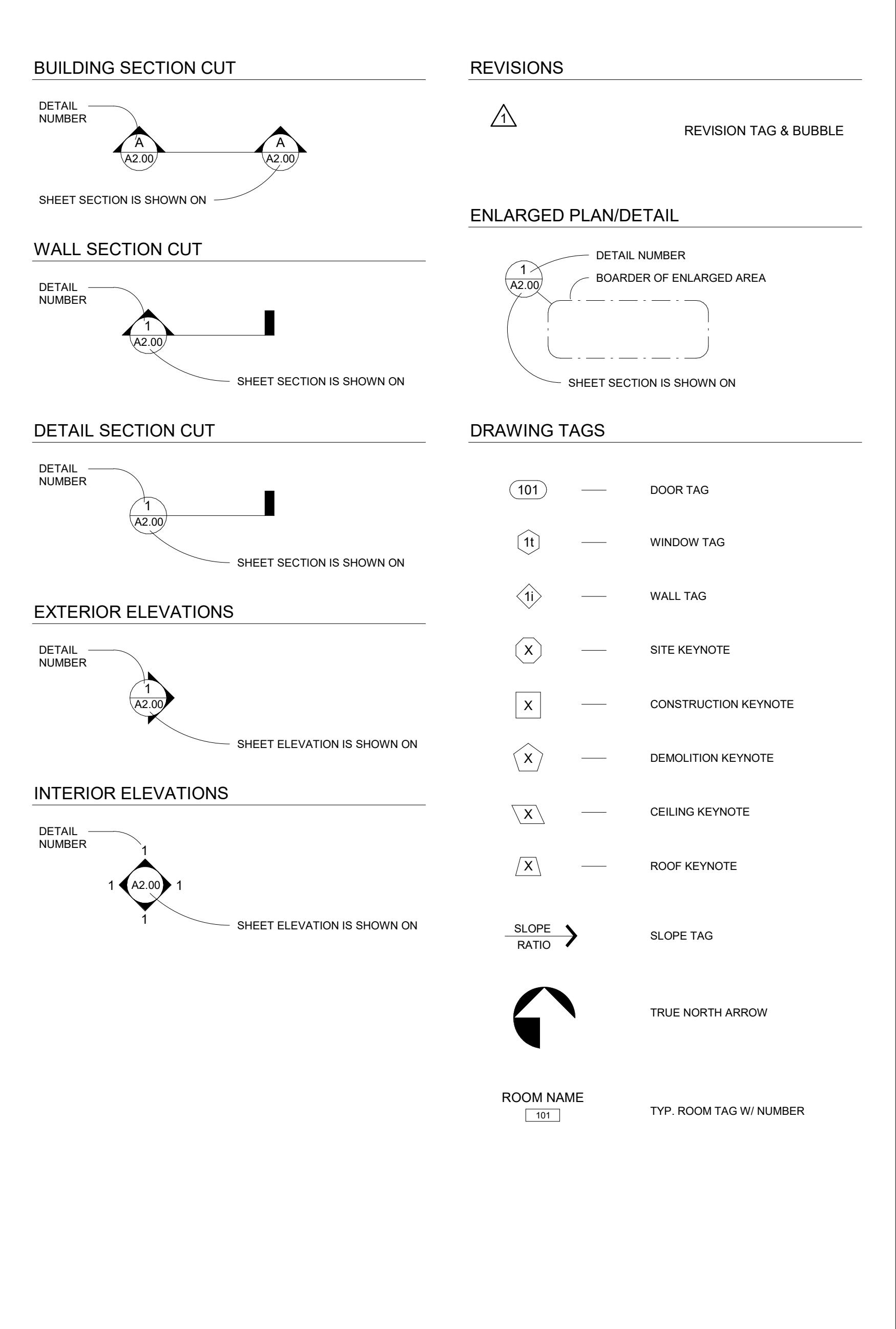
ABBREVIATIONS, LEGENDS, SYMBOLS

T1.00

ABBREVIATIONS

" INCHES	GFI GROUND FAULT INTERRUPTED	RTU ROOF TOP UNIT
# POUND/NUMBER	GL GLASS	S SOUTH
% PERCENT	GYP. GYPSUM BOARD	SAN. SANITARY
& AND	BD. BOUNDARY	SCHED. SCHEDULED
' FEET		SD. STORM DRAIN / SMOKE
/ PER	HB HOSE BIBB	DETECTOR
< ANGLE	HC HANDICAP ACCESSIBLE	SECT. SECTION
@ AT	HDW HARDWARE	SGT. STRUCTURAL GLAZED TILE
© COPYRIGHT	HDWD HARDWOOD	SHT. SHEET
° DEGREE	HM HOLLOW METAL	SHWR. SHOWER
± PLUS/MINUS	HORIZ. HORIZONTAL	SIM. SIMILAR
Ø DIAMETER	HR HOUR	SP. SPACES
A.C. AIR CONDITIONING	HSS HOLLOW STEEL SECTION	SPEC. SPECIFICATION
ACT. ACOUSTICAL CEILING TILE	HT HEIGHT	SQ. SQUARE
ADD. ADDITIONAL / ADDENDUM	HVAC HEATING / VENTILATING / AIR CONDITIONING	SS. STAINLESS STEEL
ADJ. ADJACENT		STD. STANDARD
AFF. ABOVE FINISHED FLOOR	IN INCH(ES)	STL. STEEL
AHU. AIR HANDLING UNIT	INFO INFORMATION	STO. STORAGE
ALT. ALTERNATE	INSUL. INSULATION	STRUC. STRUCTURAL
ALUM. ALUMINUM	INT. INTERIOR	SUSP. SUSPENDED
ANOD. ANODIZED		SYM. SYMMETRICAL
APPRO. APPROXIMATE	JAN. JANITOR	T. TOILET
X	JST. JOIST	T.G. TEMPERED GLASS
ARCH. ARCHITECTURAL	JT. JOINT	T.O. TOP OF
AUTO. AUTOMATIC	K KIP (1000 lbs)	T.O.C. TOP OF CONCRETE
B.O. BOTTOM OF	KD KNOCK DOWN	T.S. TUBE STEEL
B.PL. BASE PLATE	KIT KITCHEN	T.V. TELEVISION
BD. BOARD	KW KILOWATT	TECH. TECHNICAL
BLDG. BUILDING	L LENGTH	TELE. TELEPHONE
BLKG. BLOCKING	L.G. LONG	TEMP. TEMPERATURE
BOT. BOTTOM	L.H. LEFT HAND	THRU. THROUGH
BTW. BETWEEN	LL. LIVE LOAD	TRANS. TRANSITION
C.G. CORNER GUARD	L.W.C. LIGHT WEIGHT CONCRETE	TYP. TYPICAL
C.I. CAST IRON	LAB LABORATORY	VB. VAPOR BARRIER
C.I.P. CAST-IN-PLACE	LAM LAMINATE	VCT. VINYL COMPOSITION TILE
C.J. CONTROL JOINT	LAV. LAVATORY	VERT. VERTICAL
C.L. CENTERLINE	LB POUND	VEST. VESTIBULE
C.O. CLEAN OUT	LT LIGHT	VIF. VERIFY IN FIELD
CL. CLOSET	LTL LINTEL	VWC. VINYL WALL COVERING
CLG. CEILING	LVR LOUVER	
CLKG. CAULKING		
CLR. CLEAR	M.O. MASONRY OPENING	
CLRM. CLASSROOM	MAS. MASONRY	
CMU. CONCRETE MASONRY UNIT	MATL. MATERIAL	
COL. COLUMN	MAX. MAXIMUM	
COND. CONCRETE	MBR. MEMBER	
COORD. COORDINATE	MDF. MEDIUM DENSITY	
CORR. CORRIDOR	FIREBOARD	
CPT. CARPET	MECH. MECHANICAL	
CT. CERAMIC TILE	MED. MEDIUM	
D.F. DRINKING FOUNTAIN	MEMB. MEMBRANE	
D.L. DEAD LOAD	MEZZ. MEZZANINE	
D.O. DOOR OPENING	MFR. MANUFACTURER	
DEG. DEGREE	MH. MANHOLE	
DEPT. DEPARTMENT	MIN. MINIMUM	
DIA. DIAMETER	MIRR. MIRROR	
DIM. DIMENSION	MISC. MISCELLANEOUS	
DIV. DIVISION	MTD. MOUNTED	
DN. DOWN	MTL. METAL	
DR. DOOR	MULL. MULLION	
DS. DOWNSPOUT	MULT. MULTIPLE	
DTL. DETAIL	N. NORTH	
DWG. DRAWING	N.I.C. NOT IN CONTRACT	
	N.O. NUMBER	
E. EAST	N.R. NOT RATED	
E.J. EXPANSION JOINT	N.T.S. NOT TO SCALE	
E.S. EACH SIDE	NFPA. NATIONAL FIRE PROTECTION ASSN	
EA. EACH	NOM. NOMINAL	
EIFS. EXTERIOR INSULATION AND FINISH SYSTEM	NORM. NORMAL	
EL. ELEVATION	O.C. ON CENTER	
ELEC. ELECTRICAL	O.D. OVERFLOW DRAIN	
ELEV. ELEVATOR	O.H. OVERHEAD	
EPDM. DIENE PROPYLENE DIENE MONOMER	OFF. OFFICE	
EQ. EQUAL	OPNG. OPENING	
EQUIP. EQUIPMENT	OPP. OPPOSITE	
EXIST. EXISTING	ORIG. ORIGINAL	
EXP. EXPANSION	OVHG. OVERHANG	
EXT. EXTERIOR	OZ. OUNCE	
F.A. FIRE ALARM	P.C. PRECAST CONCRETE	
F.D. FLOOR DRAIN	P.T. PRESSURE TREATED	
F.E. FIRE EXTINGUISHER	PAR. PARALLEL	
F.E.C. FIRE EXTINGUISHER CABINET	PARA. PARAPET	
F.HYD. FIRE HYDRANT	PERF. PERFORATED	
F.O. FACE OF	PL. PLATE	
F.R. FIRE RATED	PLAM. PLASTIC LAMINATE	
F.R.P. FIBER-REINFORCED PLASTIC	PLUM. PLUMBING	
F.R.T. FIRE RETARDANT TREATED	PLYWD. PLYWOOD	
FDC. FIRE DEPARTMENT CONNECTION	PSF. POUNDS / SQUARE FOOT	
FF. FINISH FLOOR	PT. PAINT	
FIN. FINISH	PVC. POLYVINYL CHLORIDE	
FIXT. FIXTURE	PVMT. PAVEMENT	
FLASH. FLASHING	PWR. POWER	
FLR. FLOORING	QT. QUARRY TILE	
FRMG. FRAMING	R.A. RETURN AIR	
FT. FOOT / FEET	R.B. RUBBER OR RESILIENT	
FTG. FOOTING	BASE	
FURR. FURRING	R.D. ROOF DRAIN	
G. GAS	R.O. ROUGH OPENING	
G.B. GRADE BEAM	RAD. RADIUS	
G.C. GENERAL CONTRACTOR	REF. REFERENCE	
G.R. GUARDRAIL	REFG. REFRIGERATOR	
GA. GAUGE	REINF. REINFORCED	
GALV. GALVANIZED	REQD. REQUIRED	
GB. GRAB BAR	REV. REVISED / REVISION	
GEN. GENERATOR	RH. ROOF HATCH	

SYMBOLS LEGEND



GENERAL NOTES

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH APPLICABLE SECTIONS OF THE FEDERAL, STATE AND LOCAL BUILDING CODES, ZONING ORDINANCE, HEALTH AND FIRE REGULATIONS AS ADOPTED BY THE LOCAL GOVERNING BUILDING AUTHORITY.
2. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY BUILDING PERMITS FROM ALL GOVERNING AGENCIES INCLUDING THE CITY / TOWNSHIP AND SUBMIT FOR THEIR USE ANY CERTIFICATES OF INSURANCE, BONDS, ESCROW ACCOUNTS, LICENSES, PAY ALL FEES, OBTAIN ALL APPROVALS, ETC. ALL AS MAY BE REQUIRED TO COMPLETE THIS PROJECT.
3. CONTRACTOR SHALL RETAIN THE SERVICES OF AN APPROVED THIRD PARTY AGENCY TO PERFORM ALL SPECIAL INSPECTIONS AND TESTING AS REQUIRED BY THE LOCAL GOVERNING BUILDING CODE, GOVERNING BUILDING AUTHORITY, OR AS CALLED OUT IN THESE CONSTRUCTION DOCUMENTS. NOTIFY OWNER / ARCHITECT, IMMEDIATELY, OF ANY FAILED TESTS OR INSPECTIONS AND PROVIDE OWNER WITH ALL WRITTEN REPORTS AND TEST RESULTS AT PROJECT COMPLETION.
4. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS BEFORE PROCEEDING WITH THE WORK. IF ANY DIFFERENCES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY, IN WRITING FOR CLARIFICATION PRIOR TO PROCESSING WITH WORK.
5. THESE DOCUMENTS ARE DEVELOPED TO PROVIDE THE CONTRACTOR WITH A WORKING KNOWLEDGE OF THE SYSTEMS AND MATERIALS TO BE INSTALLED, AND THE SCOPE OF WORK WHERE THESE DOCUMENTS ARE IN CONFLICT WITH THE JOB CONDITIONS, OR STANDARD DETAILS OR SPECIFICATIONS OF THE MANUFACTURED COMPONENT, OR AFFECT THE GUARANTEED, THEY SHALL BE MODIFIED AS REQUIRED BY THE CONTRACTOR AND APPROVED BY THE ARCHITECT.
6. PROVIDE AND MAINTAIN SUITABLE TEMPORARY FENCES, BARRICADES, LIGHTS, WARNINGS, ETC. FOR PROTECTION OF PUBLIC AND OTHERS HAVING ACCESS TO THE SITE. CONTRACTOR SHALL KEEP CLEAN AND ADEQUATELY PROTECT ALL STREETS, DRIVES, WALKS, BLDGS, ETC. FROM DAMAGE DUE TO ANY ITEM INVOLVED WITH THIS WORK. ANY DAMAGED WORK SHALL BE REPAIRED / REPAIRED AT CONTRACTORS EXPENSE.
7. CONTRACTOR SHALL RELY ON WRITTEN DIMENSIONS (DO NOT SCALE DRAWINGS), WHERE NONE ARE PRESENT OR IN CONFLICT WITH WRITTEN, FIELD MEASURE AND/OR NOTIFY ARCHITECT FOR CLARIFICATION.
8. SHOULD THE CONTRACT DOCUMENTS DISAGREE (DRAWINGS AND SPECIFICATIONS), THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING. THE BETTER QUALITY OR LARGER QUANTITY OF MATERIALS OR WORK SHALL BE INCLUDED IN THE BID AND UNLESS OTHERWISE ORDERED IN WRITING, SHALL BE FURNISHED BY THE CONTRACTOR.
9. THE CONTRACTOR SHALL EXAMINE ALL DRAWINGS, SPECIFICATIONS AND ALL OTHER DATA OR INSTRUCTIONS PERTAINING TO THE WORK. BEFORE COMMENCING PHYSICAL WORK, THE CONTRACTOR SHALL LOCATE ALL GENERAL REFERENCE POINTS AND TAKE SUCH ACTION AS IS NECESSARY TO PREVENT THEIR DESTRUCTION, LAY OUT HIS WORK AND BE RESPONSIBLE FOR ALL LINES, ELEVATIONS AND MEASUREMENTS OF BUILDINGS, GRADING, PAVING, UTILITIES AND OTHER WORK EXECUTED BY HIM UNDER THE CONTRACT. HE MUST EXERCISE PROPER PRECAUTIONS TO VERIFY FIGURES SHOWN ON DRAWINGS BEFORE LAYING OUT WORK.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, HIS SUB-CONTRACTOR AND/OR SUPPLIER TO WORK FROM A FULL SET OF CONTRACT DOCUMENTS FOR BOTH THE WORK TO BE COMPLETED AND IN PREPARATION OF THE SHOP DRAWINGS, SO THAT EACH PART OR COMPONENT WILL WORK WITH THOSE PARTS AS FURNISHED OR FABRICATED BY OTHERS, AND THE ASSEMBLED WHOLE WORKS TOGETHER AS INTENDED.
11. MATERIALS - SHALL BE NEW. SECONDS OR DAMAGED MATERIALS WILL BE REJECTED BY THE ARCHITECT, WHO RESERVES THE RIGHT TO DISAPPROVE AND REJECT ANY MATERIALS PROPOSED OR INSTALLED, WHICH IN HIS OPINION FAIL TO MEET QUALITY STANDARDS SPECIFIED.
12. THE ARCHITECT SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL, OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO ASBESTOS AND HAZARDOUS MATERIALS IN ANY FORM FOR THE PROJECT.
13. AS-BUILTS - THE CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF ALL DEVIATIONS FROM THE CONTRACT DRAWINGS AND SPECIFICATIONS. HE SHALL NEATLY AND CORRECTLY DRAFT (NO FREEHAND) ANY DEVIATIONS ON THE DRAWINGS AFFECTED AND SHALL KEEP DRAWINGS AVAILABLE FOR INSPECTION. GIVE TO THE ARCHITECT AT COMPLETION.
14. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE VARIOUS TRADE ITEMS WITHIN THE SPACE ABOVE ALL CEILINGS (INCLUDING, BUT NOT LIMITED TO: STRUCTURAL MEMBERS, MECHANICAL DUCTS AND INSULATION, CONDUITS, RACEWAYS, SPRINKLER SYSTEM, LIGHT FIXTURES, CEILING SYSTEM, AND ANY SPECIAL STRUCTURAL SUPPORTS REQUIRED) AND SHALL BE RESPONSIBLE FOR MAINTAINING THE FINISH CEILING HEIGHT ABOVE THE FINISHED FLOOR INDICATED IN THE DRAWINGS AND THE FINISH SCHEDULE. (CEILING HEIGHT DIMENSIONS ARE TO THE FINISH SURFACE OF THE CEILING).
15. IN AREAS OF NEW WORK, ACCESS PANELS SHALL BE PROVIDED AND INSTALLED WHEREVER REQUIRED BY CODE OR FOR THE PROPER OPERATION OR MAINTENANCE OF MECHANICAL OR ELECTRICAL EQUIPMENT (I.E. TERMINAL BOXES, VALVES, DAMPERS, ETC.), WHETHER OR NOT INDICATED ON THE DRAWINGS. CONTRACTOR SHALL COORDINATE SIZE, LOCATION, AND TYPE OF ACCESS PANEL WITH OTHER CONTRACTORS WORK AND RECEIVE APPROVAL OF THE ARCHITECT. ACCESS PANEL SHALL NOT BE LOCATED, FRAMED OR INSTALLED WITHOUT EXPRESSED APPROVAL OF THE ARCHITECT.
16. ALL DUCT PENETRATION THROUGH PARTITIONS AND CEILINGS SHALL BE PROVIDED WITH NECESSARY FRAMED OPENINGS, BRACING, AND FIRE DAMPERS AS REQUIRED BY CODE.
17. THE ARCHITECT SHALL BE CONSULTED IN ALL CASES WHERE CUTTING INTO AN EXISTING STRUCTURAL PORTION OF ANY BUILDING PRIOR TO PROCEEDING WITH WORK.

DATE 02.09.2026
DESCRIPTION BIDDING & STATE REVIEW

RAISINVILLE ELEMENTARY SCHOOL
230 NORTH RAISINVILLE ROAD, MONROE MI 48162

MONROE PUBLIC SCHOOLS
1275 N. MACOMB STREET, MONROE MI 48162

FOR

JOB # 26103

ABBREVIATIONS, LEGENDS, SYMBOLS

RAISINVILLE ELEMENTARY

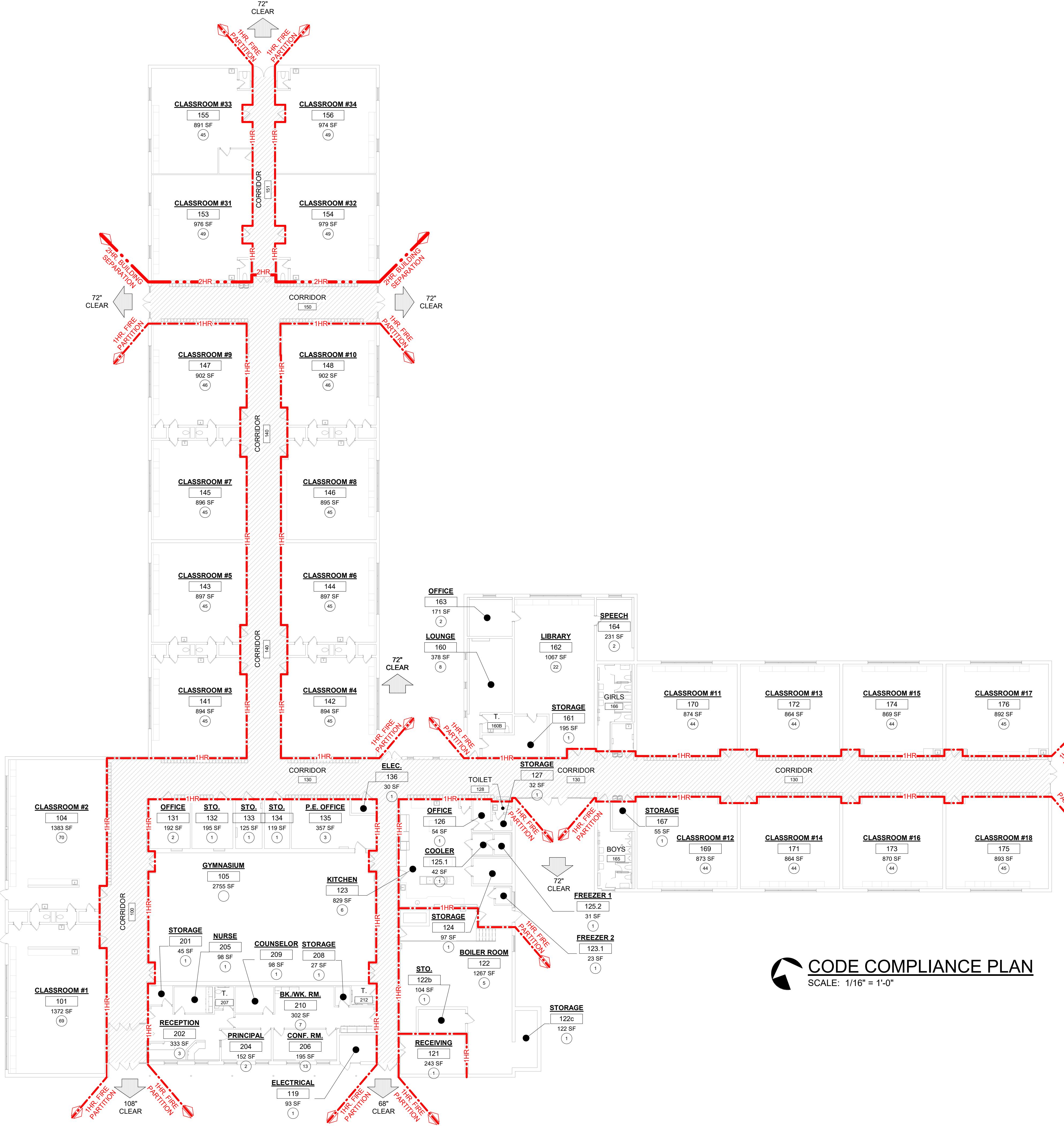
2300 N. RAISINVILLE RD, MONROE, MI 48162

BUILDING CODE REVIEW

PROJECT DESCRIPTION	EXISTING SCHOOL BUILDING - FIRE ALARM REPLACEMENT & RELATED WORK				
BUILDING CODE:	2021 MICHIGAN BUILDING CODE 2021 MICHIGAN REHABILITATION CODE 2021 MICHIGAN MECHANICAL CODE 2021 MICHIGAN PLUMBING CODE 2021 MICHIGAN ENERGY CODE 2023 NATIONAL ELECTRICAL CODE (NEC) 2012 NFPA 101 LIFE SAFETY CODE 2016 SCHOOL FIRE SAFETY RULES 1991 / 2010 ADA STANDARDS				
BUILDING AREA:	EXISTING BUILDING (GROSS) = 44,094 S.F.				
BUILDING OCCUPANCY TYPE:	EDUCATIONAL GROUP E TYPE IIB NS				
CONSTRUCTION TYPE:	(SEC. 602.5, TABLE 601) 14,500 S.F.				
ALLOWABLE AREA:	N.R.				
INCREASE ALLOWABLE:	(TABLE 506.2) N.R.				
ALLOWABLE HEIGHTS:	(TABLE 504.3) 55'				
ALLOWABLE NUMBER OF STORIES:	(TABLE 504.4) 3				
HEIGHT MODIFICATION:	(TABLE 504.3) N.A.				
FIRE RESISTIVE CONSTRUCTION:	STRUCTURAL FRAMING: (TABLE 601) 0				
BEARING WALLS:	NON-BEARING WALLS: EXTERIOR: (TABLE 601, 602) 0 (NFPA 101, TABLE A.8.2.1.2) 0 INTERIOR: (TABLE 601) 0 (NFPA 101, TABLE A.8.2.1.2) 0				
NON-BEARING WALLS:	EXTERIOR: (TABLE 601, 602) 1 HR. <=5' (NFPA 5000, TABLE 7.3.2.1) 1 HR. < 3' INTERIOR: (TABLE 601) 0 (NFPA 101, TABLE A.8.2.1.2) 0				
FLOOR CONSTRUCTION:	ROOF CONSTRUCTION: (TABLE 601) 0 (NFPA 101, TABLE A.8.2.1.2) 0				
ROOF CONSTRUCTION:	FIRE WALLS: (SEC. 706, TABLE 706.4) 2 HR. (AREA SEPARATION)				
FIRE WALLS:	FIRE BARRIERS: EXIT STAIR/RAMP: (SEC. 1023.2) N.A. EXIT ACCESS STAIR: (SEC. 713.4) N.A. EXIT PASSAGEWAY: (SEC. 709) N.A. HORIZ. EXIT (REFUGE AREA): (SEC. 1026.1) N.A. ATRUM: (SEC. 404.6) N.A. INCIDENTAL USES: (TABLE 509) BOILER ROOMS - 1 HR. OR SPRINKLER IN GROUP E; LABORATORIES & VOCATIONAL SHOPS - 1 HR.				
FIRE PARTITIONS:	CONTROL AREA: (SEC. 414.2.4) N.A. SEPARATED OCCUPANCIES: (SEC. 508.4, TABLE 508.4) N.A. FIRE AREAS: (SEC. 707.3.10) 2 HR. EXT. DOORS & WINDOWS: (TABLE 705.8) NO LIMIT > 30FT. FIRE SEPARATION				
CORRIDOR WALLS:	1 HR. W/O SPRINKLER SYSTEM AND > 30 PEOPLE 1/2 HR. W/O SPRINKLER SYSTEMS				
SMOKE BARRIERS:	N/A				
OPENING PROTECTIVES:	20 MIN. IN (1) HR. WALLS 45 MIN.				
CORRIDOR DOORS:	REQUIRED IF COMBUSTIBLE CONSTRUCTION IN FLOOR / CEILING				
CORRIDOR OPENINGS:	DRASTIC STOPPING: FIRE BLOCKING: (SEC. 718) REQUIRED IF FIRE AREA > 12,000 S.F. (BETWEEN FIRE SEPARATION)				
DRASTIC STOPPING:	FIRE SPRINKLERS: (SEC. 901.7, SEC. 903.2.3) REQUIRED IN GROUP E OCCUPANCY WITH > 50 OCCUPANTS (NEW BUILDINGS AND STRUCTURES)				
FIRE BLOCKING:	FIRE ALARMS: (SEC. 907.2.3)				
FIRE SPRINKLERS:	FIRE EXTINGUISHERS: (SEC. 906)				
FIRE ALARMS:	PLATFORMS / STAGES: (SEC. 410.4, 410.7) EXISTING				
WIDTH OF EGRESS:	OR EGRESS SHALL BE OF SUCH WIDTH AND CAPACITY THAT THE LOSS OF ANY ONE MEANS OF EGRESS LEAVES AVAILABLE NOT LESS THAN 50% OF THE REQUIRED CAPACITY				
STAIRS:	0.3 / OCCUPANT (W/O SPRINKLERS)				
OTHER:	0.2 / OCCUPANT (W/O SPRINKLERS)				
NUMBER OF EGRESS:	MIN. 3 FOR 500-1000 OCC. LOAD MIN. 4 FOR 1000+ OCC. LOAD				
CORRIDOR WIDTH:	44' MIN. AREAS OF OCCUPANT LOAD < 50 PEOPLE = 36" MIN. AREAS OF OCCUPANT LOAD > 100 PEOPLE = 72" MIN. MIN. 34" WIDE EXIT (38" WIDE FOR ADA)				
DOORS:	DOORS: ENCROACHMENT (SEC. 1005.7) MAX. HANDRAIL PROJECTION PER SIDE IS 1-1/2"				
ENCROACHMENT:	EXIT ACCESS: (SEC. 1016) MAX. 1 INTERVENING SPACE				
DOOR:	TRAVEL DISTANCE: (TABLE 1017.2) 200' MAX. WITHOUT SPRINKLERS				
ENCROACHMENT:	DEAD-END CORRIDORS: (SEC. 1020.4) DEAD-END CORRIDORS IN ANY AREA SHALL NOT EXCEED 20 FT.				
DOORS:	ELEVATOR/CONVEY SYSTEMS: (SEC. 1009.2.1) (SEC. 3001.2) N/A				
ENCROACHMENT:	ELEVATORS REQUIRED TO BE ACCESSIBLE OR SERVE ACCESSIBLE MEANS OF EGRESS SHALL COMPLY WITH SEC. 1009 AND 1109.7				
FIRE RATED WALLS LEGEND <table border="1"> <tr> <td></td> <td>1 HOUR FIRE RATED WALL</td> </tr> <tr> <td></td> <td>2 HOUR FIRE RATED WALL</td> </tr> </table>			1 HOUR FIRE RATED WALL		2 HOUR FIRE RATED WALL
	1 HOUR FIRE RATED WALL				
	2 HOUR FIRE RATED WALL				
NOTE: CONTRACTOR SHALL STENCIL PAINT FIRE WALLS ABOVE ACCESSIBLE CEILINGS PER IBC 703.7					

CODE COMPLIANCE PLAN

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



FIRE ALARM REPLACEMENT & RELATED WORK

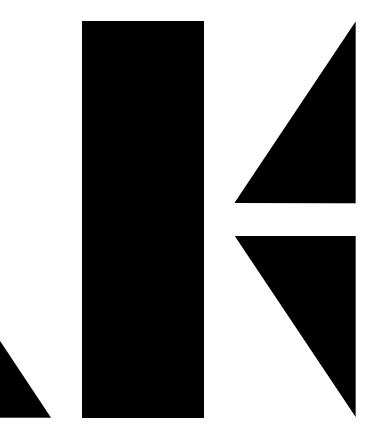
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LS1.00

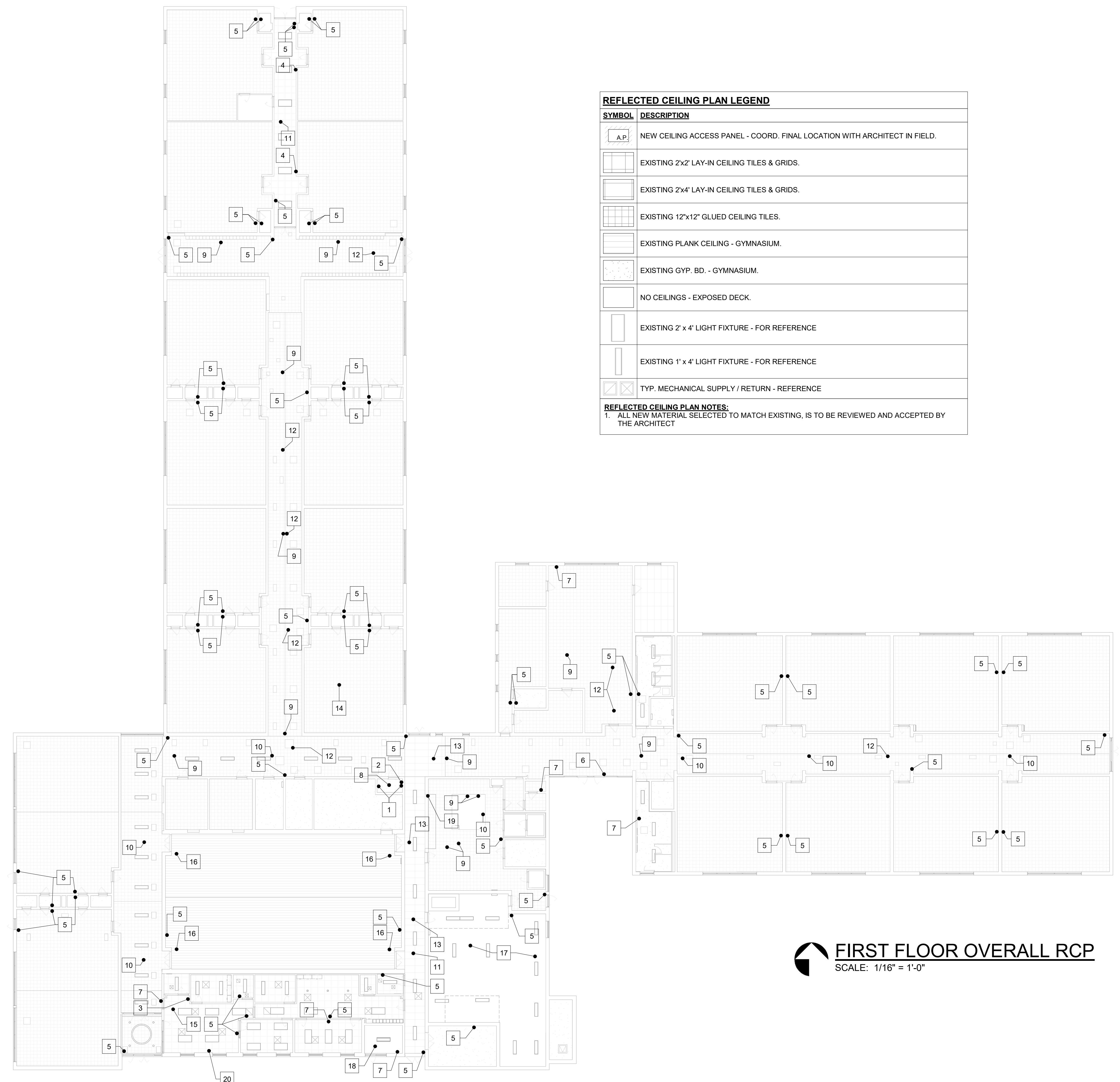


KOHLER ARCHITECTURE

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MONROE, MICHIGAN 48161
WWW.KOHLERARCHITECT.NET

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FIRST FLOOR OVERALL RCP

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

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

PLAN NOTES:

PLAN NOTES:

- REFER TO ELECTRICAL DRAWINGS FOR PRIMARY SCOPE OF WORK. THE WORK SHOWN ON THE ARCHITECTURAL DRAWINGS IS DIRECTLY RELATED AND SHOULD BE COORDINATED.
- FIELD VERIFY AREAS WHERE DEVICES ARE BEING REMOVED AND NO NEW DEVICE IS GETTING INSTALLED, INSTALL NEW COVER PLATE AS REQUIRED PER DETAIL THIS SHEET.
- NEW EXPOSED DEVICE BOX AND RACEWAYS TO BE PAINTED COLOR TO MATCH XT'G SURFACE.
- REFER TO ELEC. DWGS. FOR SPECIFIC FIRE ALARM EQUIPMENT AND INSTALLATION REQUIREMENTS.

PRIME / PAINT ENTIRE ASSEMBLY TO MATCH SURFACE IT IS MOUNTED TO OR AS NOTED

TYP. AT EACH CORNER - INSTALL NEW METAL COVER PLATE WITH TAPCON SCREW ANCHORS, MIN. 1/4" DIA. x 1-1/4", W/ FINISHED HEAD. USE STAINLESS STEEL FASTENERS ON EXTERIOR APPLICATIONS.

FOR EXTERIOR APPLICATION, APPLY A WEATHERTIGHT SEAL @ PERIMETER

INFILL BACKBOX WITH PACKED TIGHT FIRE RATED INSULATION @ AREAS WHERE 1HR ASSEMBLY NEEDS TO BE MAINTAINED

X + 1 1/2"

X

Y

EXISTING BACKBOX

1/16" THICK METAL COVER PLATE.

NOTE: AVERAGE METAL COVER PLATE SIZE IS 12"x12". FIELD VERIFY AFTER REMOVAL OF ELECTRICAL EQUIPMENT TO DETERMINE ACTUAL SIZE OF BACKBOX. SIZE NEW COVER PLATE AS INDICATED ABOVE.

TYP. COVER PLATE

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

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<u>RAISINVILLE ELEMENTARY SCHOOL</u>	
	2300 NORTH RAISINVILLE ROAD, MONROE MI 48162
<u>MONROE PUBLIC SCHOOLS</u>	
	1275 N. MACOMB STREET, MONROE MI 48162
AT	FOR
JOB #	26103
OVERALL REFLECTED CEILING PLAN W / FIRE ALARM COORDINATION	
A1.00	

FIRE AI ARM COORDINATION KEYNOTES

FIRE ALARM 300

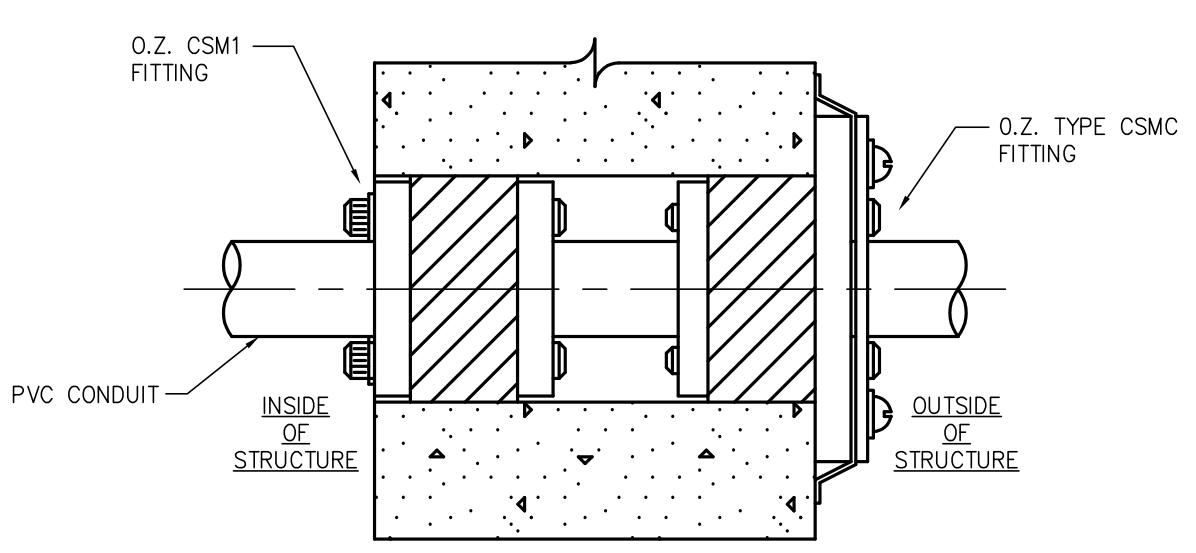
- 1 EXISTING FIRE ALARM CONTROL PANEL TO BE REMOVED AND NEW PLANEL TO BE RELOCATED TO OPPOSITE WALL. REFER TO ELECTRICAL DRAWINGS FOR COORDINATION.
- 2 EXISTING FIRE ALARM NOTITIFACTION CIRCUIT PANEL TO BE REMOVED.
- 3 NEW FIRE ALARM ANNUNCIATOR PANEL TO BE INSTALLED. ANY NEW EXPOSED DEVICE BOX AND RACEWAY TO BE PAINTED COLOR TO MATCH XTG. WALL.
- 4 WALL MOUNTED FIRE ALARM DEVICE TO BE REMOVED. XTG. GYP. BD. WALL TO BE PATCHED PAINTED FOR A SMOOTH CONSISTANT FINISH, COLOR TO MATCH XTG.
- 5 WALL MOUNTED FIRE ALARM DEVICE TO BE REMOVED & REPLACED WITH NEW. PATCH & PAINT WALL TO A SMOOTH FINISH, COLOR TO MATCH EXISTING WALL.
- 6 XTG STOREFRONT MOUNTED FIRE ALARM DEVICE BEING REMOVED & REPLACED.
- 7 NEW WALL MOUNTED FIRE ALARM DEVICE BEING INSTALLED IN NEW LOCATION. ANY NEW EXPOSED DEVICE BOX AND/OR RACEWAY TO BE PAINTED COLOR TO MATCH XTG. WALL.
- 8 CEILING MOUNTED FIRE ALARM DEVICE TO BE REMOVED & REPLACED WITH NEW IN SAME LOCATION ON GYP. BD. CEILING.
- 9 CEILING MOUNTED FIRE ALARM DEVICE TO BE REMOVED & REPLACED ON EXISTING GLUED TILE CEILING.
- 10 NEW CEILING MOUNTED FIRE ALARM DEVICE TO BE INSTALLED IN EXISTING GLUED CEILING CEILING.
- 11 NEW CEILING MOUNTED FIRE ALARM DEVICE TO BE INSTALLED IN EXISTING LAY-IN CEILING TILE.
- 12 EXISTING CEILING MOUNTED FIRE ALARM DEVICE TO BE REMOVED AND DISCONNECTED. REPLACE GLUED CEILING TILE AS REQUIRED TO MATCH EXISTING.
- 13 EXISTING CEILING MOUNTED FIRE ALARM DEVICE TO BE REMOVED AND DISCONNECTED. REPLACE LAY-IN CEILING TILE AS REQUIRED TO MATCH EXISTING.
- 14 NEW CEILING MOUNTED FIRE ALARM DEVICE TO BE INSTALLED ON XTG. LAY-IN CEILING.
- 15 CEILING FIRE ALARM DEVICE TO BE REMOVED & REPLACED IN EXACT SAME LOCATION ON LAY-IN CEILING. REPLACE CEILING TILE AS REQUIRED.
- 16 NEW DEVICE BEING INSTALLED IN NEW LOCATION ON EXISTING SLAT CEILING. ANY NEW EXPOSED DEVICE BOX AND RACEWAY TO BE PAINTED TO MATCH XTG. SURFACE.
- 17 FIRE ALARM DEVICES MOUNTED TO EXPOSED ROOF STRUCTURE IN BOILER ROOM TO BE REMOVED & REPLACED. NEW CONDUIT AND JUNCTION BOXES TO REMAIN UNFINISHED. REFER TO ELEC. DWGS. FOR MORE INFO.
- 18 NEW FIRE ALARM DEVICES MOUNTED TO EXPOSED ROOF STRUCTURE. IN ELEC. RM. NEW CONDUIT AND JUNCTION BOXES TO REMAIN UNFINISHED. REFER TO ELEC. DWGS. FOR MORE INFO.
- 19 EXISTING FIRE RATED OVERHEAD DOOR TO BE TIED INTO NEW FIRE ALARM SYSTEM.
- 20 RED PHONE - EXISTING TO REMAIN

JOB # 26103

OVERALL REFLECTED CEILING PLAN W / FIRE ALARM COORDINATION

A1.00

ELECTRICAL LEGEND	
ABBREVIATIONS	
CCT	CIRCUIT
E.C.	ELECTRICAL (SUB) CONTRACTOR
EXIST.	EXISTING
F.B.O.	FURNISHED BY OTHERS, INSTALLED AND/OR WIRED BY ELECTRICAL CONTRACTOR
G.C.	GENERAL (SUB) CONTRACTOR
H.P.	HORSEPOWER
L.D.	LOAD AS DIRECTED
MAX.	MAXIMUM
M.C.	MECHANICAL (HVAC, PLBG, FP, OR TC) (SUB) CONTRACTOR
MH	MOUNTING HEIGHT TO BOTTOM OF DEVICE, BOX, OR FIXTURE, UNO
MIN	MINIMUM
N/L	NIGHT LIGHT, UNSWITCHED CIRCUIT
OREQ	OR EQUAL
REV	REVERSE
R/M	REMOVE
R/L	RELOCATE/RELOCATED
UNO	UNLESS NOTED OTHERWISE
W/	COMPLETE WITH
WG	WITH WIRE GUARD
WP	WEATHERPROOF DEVICE, ENCLOSURE OR COVER PLATE.
XX,XXX	INDICATES MAXIMUM RMS SHORT CIRCUIT FAULT AT NOTED BUS PER ENGINEER'S CALCULATIONS VIA ASSUMPTIONS ON FAULT INFORMATION.
②	INDICATES NOTE-SEE TABULATION ON SAME SHEET
WIRE TICKS	INDICATE BRANCH CIRCUIT PHASE, NEUTRAL, & GROUND WIRES, RESPECTIVELY CONDUIT-CONCEALED IN CEILING, WALL OR FLOOR OF NEW CONSTRUCTION, CONCEALED WHEREVER POSSIBLE IN EXISTING CONSTRUCTION (1/2" DIA. MIN.)
HOMERUN	TO PANEL OR LOCATION NOTED
—	INDICATES CONCEALED CONDUIT UNDERGROUND/UNDERFLOOR - 3/4" MIN.
—	SURFACE MOUNTED RACEWAY-W/MATCHING FITTINGS, BOXES, ACCESSORIES, MOUNTING BRACKETS/SUPPORTS (NO STRAPS), ETC. WIREMOLD #700 SERIES, HUBBELL #HBL75010W SERIES OREQ
—	INDICATES LOW VOLT CABLING ROUTED THRU PLENUM OR CEILING SPACE.
RED FIRE ALARM MANUAL PULL STATION-RED SURFACE BOX/SKIRT-CLEAR ENCLOSURE SHIELD OR (WG-WIREGUARD)-UNO-MH 4"	RED FIRE ALARM SIGNAL-STROBE LIGHT ONLY-RED SURFACE BOX/SKIRT-MH 80"
RED FIRE ALARM SIGNAL-SPEAKER W/STROBE LIGHT-RED SURFACE BOX/SKIRT-MH 80"	RED FIRE ALARM SIGNAL-HEAT DETECTOR-CEILING MOUNTED
RED FIRE ALARM SMOKE DETECTOR-CEILING MOUNTED	FIRE ALARM HEAT DETECTOR-CEILING MOUNTED
RED FIRE ALARM CARBON MONOXIDE DETECTOR-CEILING MOUNTED	FIRE ALARM CARBON MONOXIDE DETECTOR-CEILING MOUNTED
RED FIRE ALARM DUCT TYPE SMOKE DETECTOR (SA=SUPPLY; RA=RETURN; OA=OUTSIDE AIR)	FIRE ALARM MAGNETIC DOOR HOLDER-MH 6"
RED FIRE ALARM SYSTEM REMOTE ANNUNCIATOR WITH MICROPHONE-SEMI FLUSH-MH 50" TO TOP - SIMPLEX YM9067	FIRE ALARM SYSTEM CONTROL PANEL-SEMI FLUSH-MH 6" TO TOP
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE ZONE MODULE-FLUSH MOUNTED- MH 50"	FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING ITEMS ARE TO REMAIN-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	ALL EXISTING ITEMS "DASHED" ARE TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	REMOVE EXISTING ITEM INCLUDING ASSOCIATED CONDUIT AND WIRING NO LONGER IN SERVICE BACK TO SOURCE
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING FIRE ALARM SYSTEM CONTROL PANEL TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING FA NOTIFICATION CIRCUIT PANEL-TO BE REMOVED
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING FIRE ALARM SYSTEM REMOTE ANNUNCIATOR TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING FIRE ALARM SIGNAL-STROBE LIGHT ONLY TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING FIRE ALARM SIGNAL-HORN W/STROBE LIGHT TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING FIRE ALARM PULL STATION TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING SMOKE DETECTOR TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING HEAT DETECTOR TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING CARBON MONOXIDE DETECTOR TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING FIRE ALARM DUCT TYPE SMOKE DETECTOR TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING INDIVIDUALLY ADDRESSABLE ZONE MODULE TO BE REMOVED-UNO
RED FIRE ALARM INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE-FLUSH MOUNTED-MH 50"	EXISTING INDIVIDUALLY ADDRESSABLE RELAY/SIGNAL MODULE TO BE REMOVED-UNO



CONDUIT THRU WALL SEAL DETAIL

NO SCALE

PROJECT COORDINATION SCOPE:

- FULL COORDINATION BETWEEN ALL TRADES IS REQUIRED TO ENSURE UNINTERRUPTED SYSTEM OPERATION AND CODE COMPLIANCE. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL FIRE ALARM, SECURITY, AND LOW-VOLTAGE SYSTEM INTERFACES AND SHALL CONTACT AND HIRE THE FOLLOWING VENDORS FOR ALL SYSTEM TIE-INS, TESTING, PROGRAMMING, AND COORDINATION.
- GENERAL TRADES SHALL BE RESPONSIBLE FOR ALL PATCHING, REPAIR, AND RESTORATION OF WALLS, CEILINGS, FLOORS, AND FINISHES IMPACTED BY THE FIRE ALARM REPLACEMENT PROJECT, THIS INCLUDES CUTTING, PATCHING, PAINTING, AND SURFACE RESTORATION NECESSARY TO RETURN AFFECTED AREAS TO EXISTING CONDITIONS. GENERAL TRADES SHALL ALSO PROVIDE CEILING ACCESS POINTS AND ANY OTHER MISCELLANEOUS CONSTRUCTION ITEMS REQUIRED TO SUPPORT THE WORK.
- START UP TESTS, INITIAL SYSTEM PROGRAMMING AND DATA BASE ENTRIES SHALL BE PROVIDED BY RED LETTER & HABITEC SECURITY THROUGH THE ELECTRICAL CONTRACTOR. ALL FUNCTIONS SHALL BE DEMONSTRATED TO THE SATISFACTION OF THE OWNER'S DESIGNATED SYSTEM ADMINISTRATOR. AT PROJECT COMPLETION, RED LETTER & HABITEC SECURITY SHALL PROVIDE A LETTER INDICATING THAT ALL PARTS AND FUNCTIONS ARE OPERATING PROPERLY, TURN OVER TO OWNER ALL SOFTWARE LICENSING, PROVIDE RECOMMENDED MAINTENANCE AND INSPECTION SCHEDULES FOR EACH YEAR OF OPERATION, AND PROVIDE WRITTEN WARRANTY FOR EQUIPMENT AND SYSTEM FUNCTIONALITY FOR A PERIOD OF TWO YEARS. DOOR ACCESS SYSTEM TRAINING FOR THE OWNER SHALL BE PROVIDED.
- CONTACT INFORMATION: CONTACT AND HIRE RED LETTER (888) 564-5488. CONTACT AND HIRE HABITEC SECURITY, NICK WERT (419) 205-1147.

FIRE ALARM SYSTEM GENERAL NOTES:

- PROVIDE A COMPLETE NEW BUILDING FIRE ALARM SYSTEM THAT HAS BEEN FULLY TESTED, CERTIFIED, AND INSPECTED BY THE LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO THE REQUIRED OCCUPANCY DATE.
- NEW DEVICES, FIRE ALARM PULL STATIONS WITH VANDAL GUARD, SMOKE DETECTORS, DUCT DETECTORS, HORN(SPEAKER)/STROBE AND STROBE DEVICES SHALL BE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM AND OF SIMILAR TYPE MODEL AS EXISTING DEVICES. CANDLA AND dB RATING PER NFPA 72, PROVIDE RELEASE TO DOORS WITH ACCESS CONTROL UPON FIRE ALARM SIGNAL. PROVIDE 'NAC' PANEL TO EXISTING FIRE ALARM PANEL. PROVIDE NAC CARD IN EXISTING FACP. PROVIDE 120V POWER TO NAC POWER SUPPLY. PROVIDE ALL POWER-LIMITED TWISTED SHIELDED FPLP CABLING, #14 THHN/THWN LOW VOLTAGE CONDUCTORS AND #12 THHN/THWN LINE VOLTAGE CONDUCTORS AND CONDUIT. PROVIDE ALL CONDUIT, J-BOXES, CABLING, CARDS, MODULES, RELAYS, PROGRAMMING AND START-UP. PROVIDE SURFACE MOUNT RACEWAYS AND BOXES AS INDICATED FOR EXISTING WALLS.
- PROVIDE RACEWAY FOR EACH LOW VOLTAGE DEVICE (FIRE ALARM, ACCESS CONTROL, DOOR HARDWARE) AS FOLLOWS: VERTICAL CABLE RUNS IN 3/4" CONDUIT (WITH PULL STRING AND INSULATED BUSHING STUBBED ABOVE AN ACCESSIBLE CEILING OR JOIST SPACE AND HORIZONTAL CABLE RUNS IN J-HOOKS, EVERY 3' TO 4', PROVIDE EACH LOW VOLTAGE DEVICE WITH A ONE-GANG DEEP J-BOX FLUSH IN WALL OR CEILING. SEE OTHER NOTES AND DRAWINGS FOR FIRE ALARM/ACCESS CONTROL/DOOR HARDWARE DEVICE, CABLE, PANEL, EQUIPMENT, ETC. REQUIREMENTS. PROVIDE 120V ELECTRICAL CONNECTION OR DUPLEX RECEPTACLE TO FIRE ALARM/ACCESS CONTROL/DOOR HARDWARE DEVICES, PANELS, AND POWER SUPPLIES.
- OWNER PREFERRED CONTACT INFORMATION: CONTACT AND HIRE FIRE ALARM SYSTEM REPRESENTATIVE JOHNSON CONTROLS, EMILEE J. ROACH (419) 279-3236.

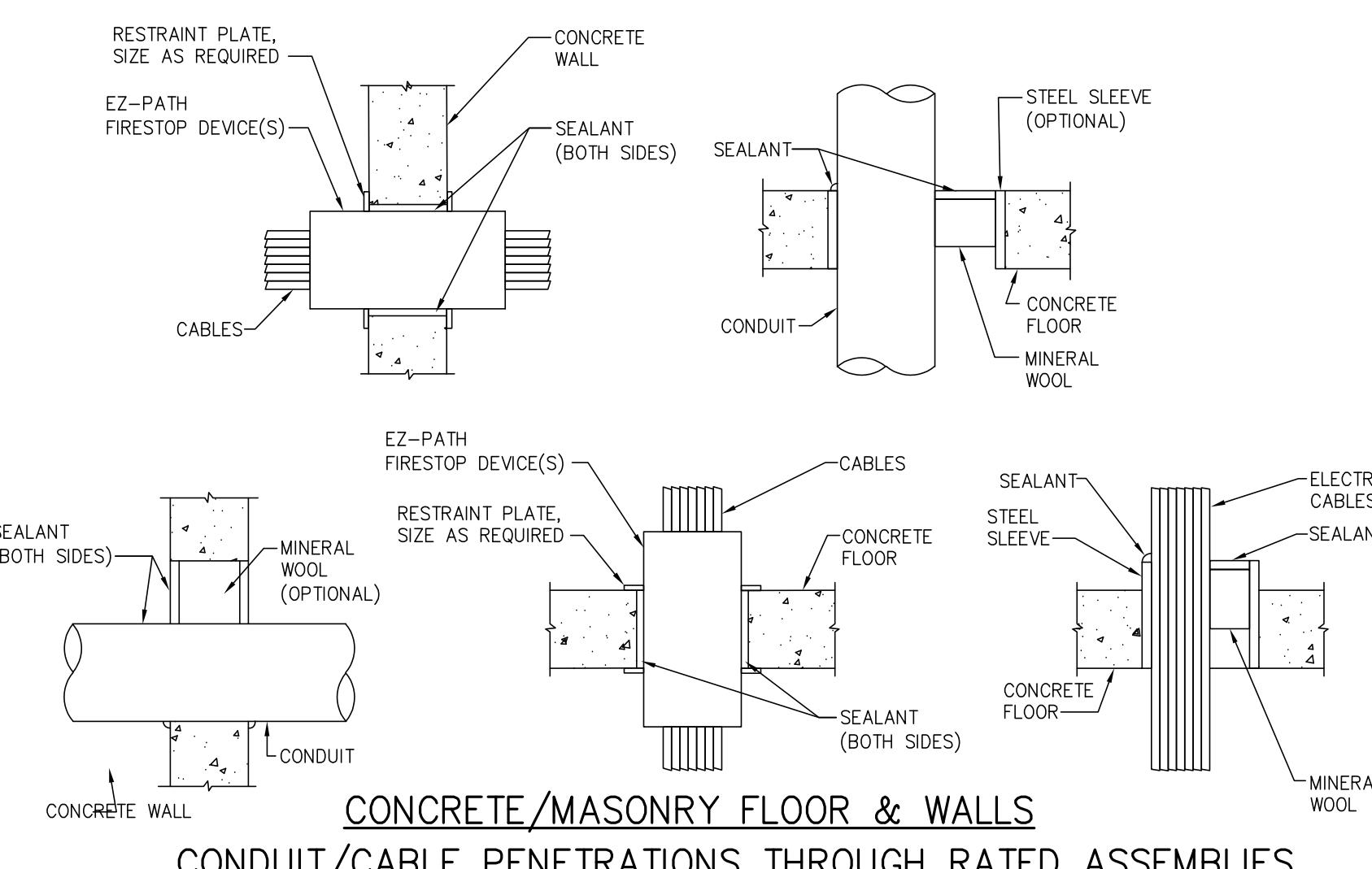
BRANCH CIRCUIT CONDUCTOR SIZING CHART

MAX. CIRCUIT LENGTH TO FARTHEST OUTLET	CIRCUIT VOLTAGE	MINIMUM BRANCH CIRCUIT SIZE
100 FEET	120	#12 AWG
165 FEET	120	#10 AWG
265 FEET	120	#8 AWG
400 FEET	120	#6 AWG
250 FEET	277	#12 AWG
400 FEET	277	#10 AWG
550 FEET	277	#8 AWG
750 FEET	277	#6 AWG

M.P.S. CABLING STANDARDS

BRAND	PART NUMBER	DESCRIPTION	PURPOSE
ICC	IC1078F6BL	BLUE CAT6 KEYSTONE	KEYSTONE FOR DATA PORT DEVICES
ICC	IC1078F6RD	YELLOW CAT6 KEYSTONE	KEYSTONE FOR MISC. DATA PORT
ICC	IC1078F6YL	RED CAT6 KEYSTONE	KEYSTONE FOR AI PHONE SERVICES
ICC	IC1078F6ABL	BLUE CAT6 KEYSTONE	KEYSTONE FOR DATA PORT DEVICES
ICC		CLASSIC CONFIGURABLE FACEPLATES WITH STATION ID (IVORY)	WALL PLATES FOR DATA PORTS
ICC	ICMPP48C61	48 PORT HIGH-DENSITY PATCH PANEL, FEED THROUGH COUPLERS	PATCH BAY FOR DATA PORTS IN DATA CABINET
		LIGHT BLUE CABLING FIBEROPTIC MULTIMODE	FIBER OPTIC NETWORK SERVICES
		DARK GRAY CABLING	16-GAUGE CABLING FOR HABITEC SECURITY
		RED CABLING	CABLING FOR FIRE ALARM
		WHITE CABLING	CABLING FOR ACCESS CONTROL
		BEIGE CABLING	CABLING FOR HVAC / BOILER SERVICES
		CAT 6 550 MHZ PLUMIN YELLOW	DATA CABLE FOR ALL CAT6 PORTS
		CAT5E 350 MHZ PLUMIN BLUE	DATA CABLE FOR ALL PORTS TELCO DEVICES
		CAT 6A 23 AWG 4 PAIR SOLID RISER WHITE	
		CAT6A PATCH CABLE - 1FT (RED, BLUE, YELLOW)	PATCH CABLE FOR PORTS WITH DATA CABINET

- ALL CABLING INSTALLED MUST BE OF CMP (PLUMIN) GRADE. THIS IS TO KEEP WITH STANDARDS IN PLACE WITH DISTRICT-WIDE CABLING.
- ALL DATA CABLING INSTALLED MUST BE CERTIFIED, TESTED AND CERTIFICATION PROVIDED TO OWNER AT THE END OF THE PROJECT.
- ALL DATA CABLING MUST BE LABELED IN ACCORDANCE TO THE DISTRICT STANDARD (RACK LETTER + PORT NUMBER).
- CONTRACTOR SHALL COORDINATE WITH ALL M.P.S. DISTRICT I.T. STANDARDS FOR BRAND, TYPE, PART NUMBER, ETC.



CONCRETE/MASONRY FLOOR & WALLS

CONDUIT/CABLE PENETRATIONS THROUGH RATED ASSEMBLIES

N.T.S.

GENERAL NOTES

- CABLE AND CONDUIT PENETRATION DETAILS ARE BASED ON A U.L. LISTED FIRE RATED ASSEMBLY (MINIMUM) UTILIZING STI FIRE STOP PRODUCTS. MANUFACTURERS SHALL BE STI, HILTI, 3M OR APPROVED EQUAL. REFER TO MANUFACTURER'S SPECIFICATIONS AND INSTALLATION DETAILS FOR EXACT INSTALLATION METHODS.
- PACKING AND SEALANT DEPTHS SHALL BE PER MANUFACTURER'S SPECIFICATIONS FOR UL ASSEMBLY RATING COMPLIANCE.
- ALL FIRE STOP LOCATIONS SHALL BE LABELED AT POINT OF PENETRATION. LABEL SHALL IDENTIFY FIRE STOPPING MATERIAL, U.L. LISTING NUMBER AND HOUR RATING OF WALL/FLOOR.

Digitally signed by Nicole L. Winhoven-Kamm
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E=nikamm@kleinfelder.com,
O=Kleinfelder, OU=Kleinfelder,
CN=Nicole L. Winhoven-Kamm

Date: 2026.02.05 11:34:58-05'00'

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E2.01	26003129E2.01.dwg
E4.01	26003129E4.01.dwg

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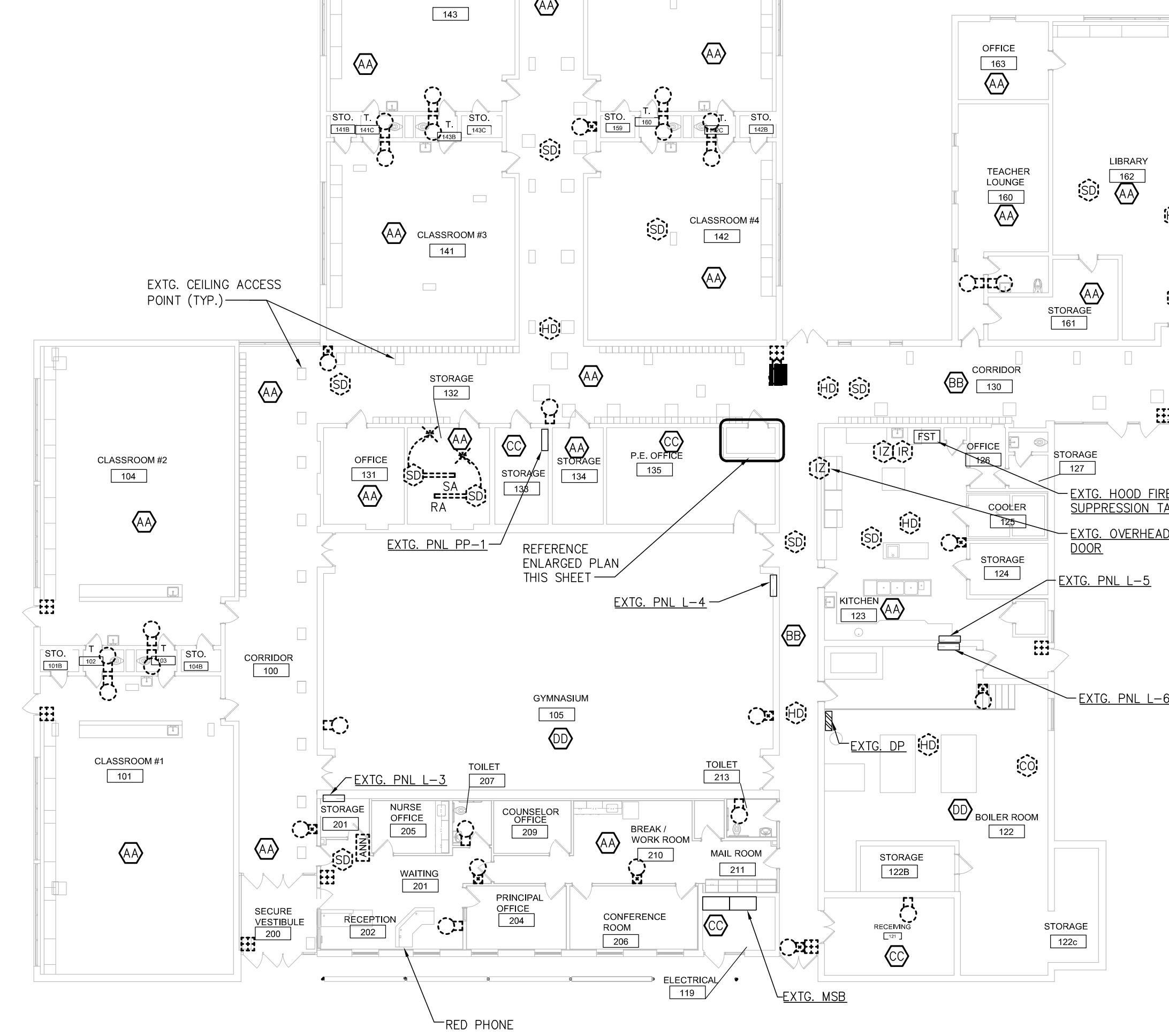
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ELECTRICAL LEGEND AND DETAILS

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FIRE ALARM SYSTEM DEMOLITION PLAN
SCALE: 1/16" = 1'-0"

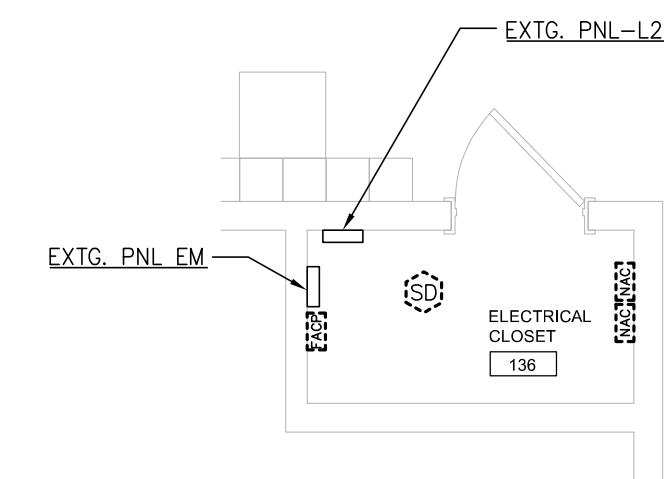
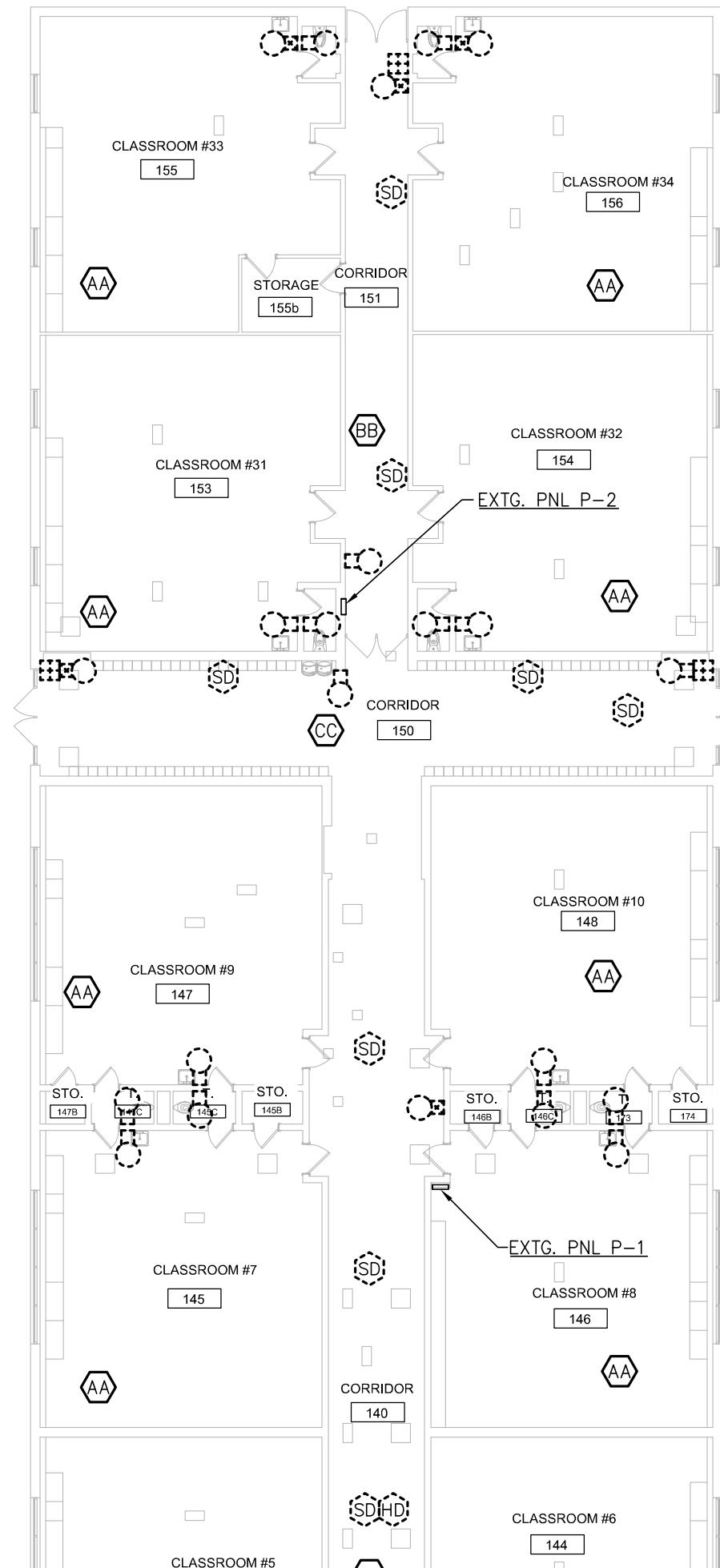
GENERAL NOTES:

1. CONTRACTOR SHALL RECEIVE APPROVAL WITH THE LOCAL AUTHORITY HAVING JURISDICTION ON REMOVAL OF THE EXISTING SYSTEM. BUILDING SHALL REMAIN UNOCCUPIED UNTIL NEW SYSTEM IS INSTALLED. THE BIDDING CONTRACTOR SHALL AGREE TO PROVIDE A COMPLETE NEW BUILDING FIRE ALARM SYSTEM THAT HAS BEEN FULLY TESTED, CERTIFIED, AND INSPECTED BY THE LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO THE REQUIRED OCCUPANCY DATE AS DETERMINED BY THE LOCAL AUTHORITY HAVING JURISDICTION. FOR CEILINGS AND CEILING INCREDIBLE OCCUPANCY OF THE SCHOOL, WHERE ACCESSIBLE CEILINGS ARE PRESENT, WIRING MAY BE RUN IN METAL RACEWAYS ONLY TO ABOVE ACCESSIBLE CEILINGS, WITH OPEN CABLING IN ACCESSIBLE CEILING AND PROPERLY SUPPORTED AS PER THE SPECIFICATIONS. WIRING IN AIR HANDLING PLenum SHALL BE PLENUM RATED AS REQUIRED. ALL WIRING RUN IN METAL RACEWAYS, SHALL BE IN RACEWAYS SEPARATE FROM ALL OTHER WIRING, UNLESS NOTED OTHERWISE. COORDINATE LAYOUT AND RACEWAY SIZES WITH FINAL FIRE ALARM VENDOR PRIOR TO INSTALLATION.

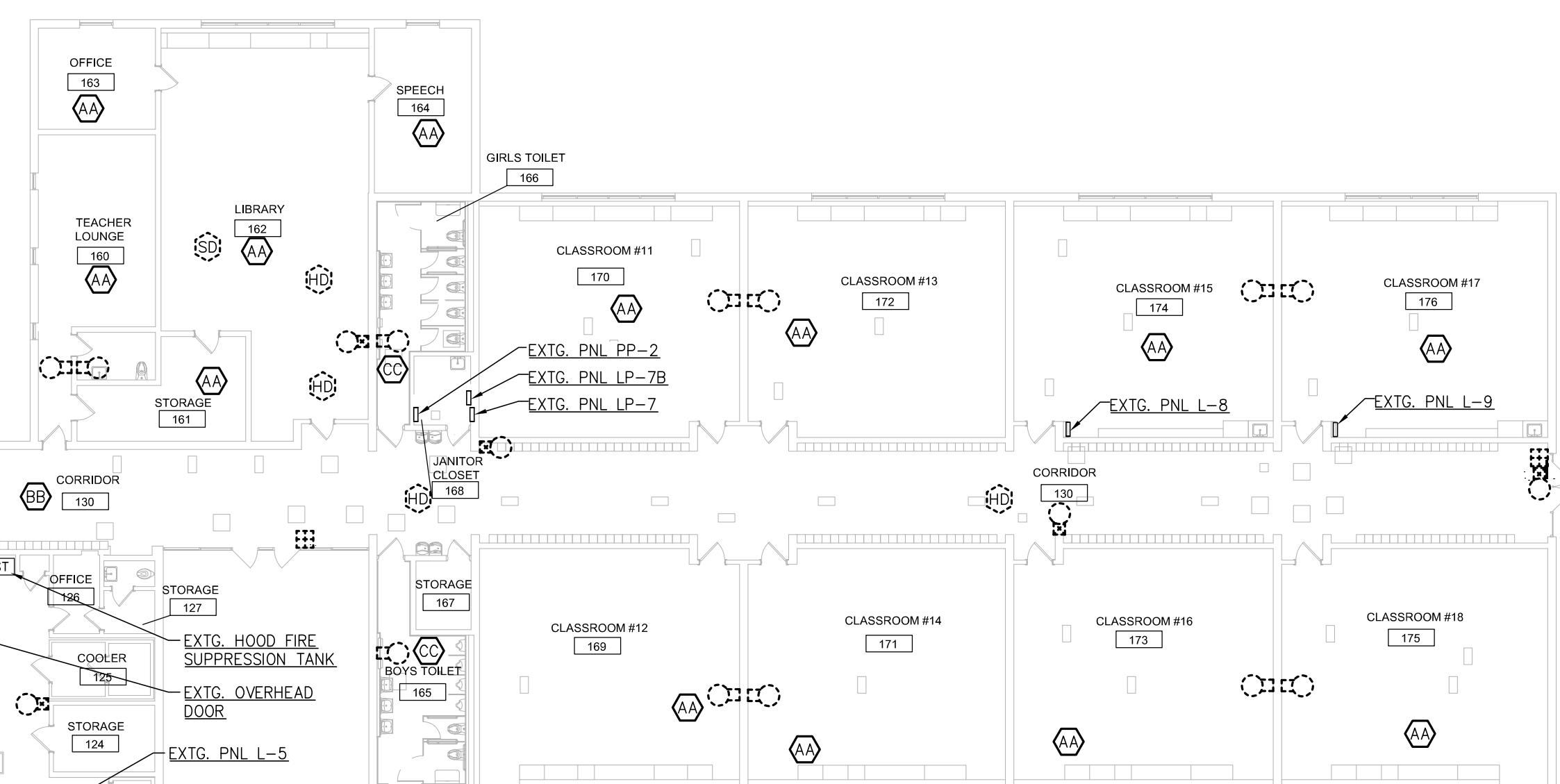
EXISTING CEILING TYPE	
MARK	DESCRIPTION
AA	GLUED TILE CEILING
BB	DROP CEILING
CC	HARD / DRYWALL CEILING
DD	OPEN CEILING

FIRE
ALARM SYSTEM
DEMOLITION PLAN
E2.01

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ELECTRICAL ENLARGED PLAN
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FIRE ALARM REPLACEMENT & RELATED WORK

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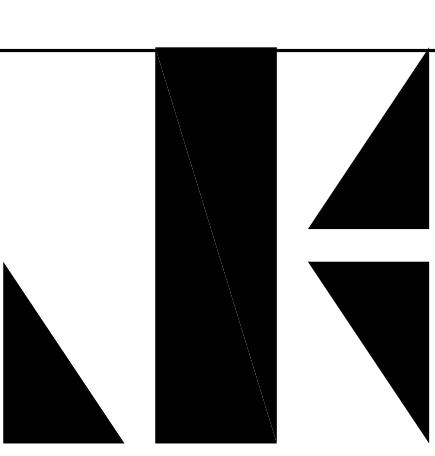
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FOR

JOB # 26103

**FIRE
ALARM SYSTEM
DEMOLITION PLAN**

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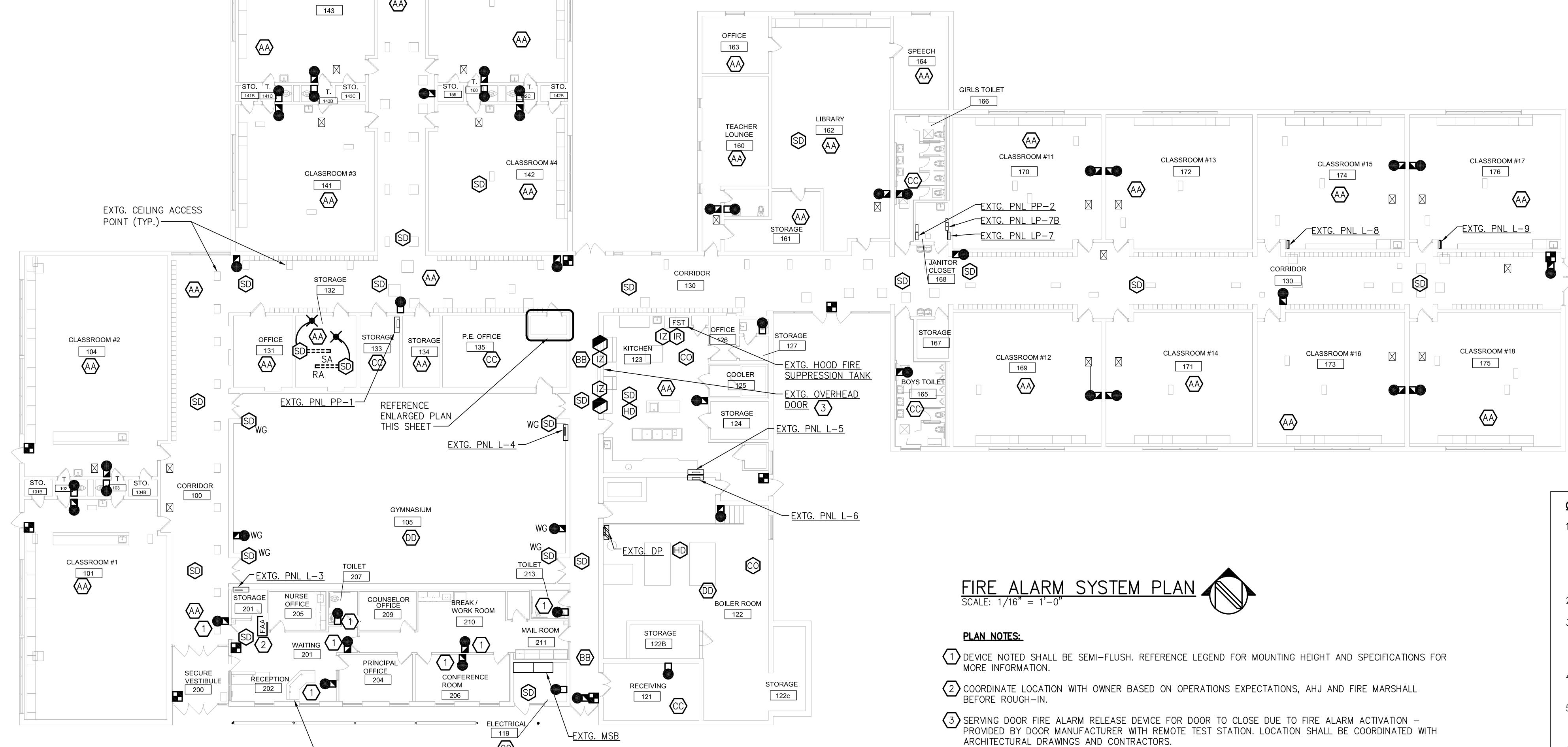
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Signature

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FIRE ALARM SYSTEM PLAN

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

PLAN NOTES:

- ① DEVICE NOTED SHALL BE SEMI-FLUSH. REFERENCE LEGEND FOR MOUNTING HEIGHT AND SPECIFICATIONS FOR MORE INFORMATION.
- ② COORDINATE LOCATION WITH OWNER BASED ON OPERATIONS EXPECTATIONS, AHJ AND FIRE MARSHALL BEFORE ROUGH-IN.
- ③ SERVING DOOR FIRE ALARM RELEASE DEVICE FOR DOOR TO CLOSE DUE TO FIRE ALARM ACTIVATION - PROVIDED BY DOOR MANUFACTURER WITH REMOTE TEST STATION. LOCATION SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND CONTRACTORS.

GENERAL NOTES:

1. WHERE ACCESSIBLE CEILINGS ARE PRESENT, WIRING MAY BE RUN IN METAL RACEWAYS ONLY TO ABOVE CEILING CEILINGS, WITH OPEN CABLING IN ACCESSIBLE CEILINGS AND PROPERLY SUPPORTED AS PER THE SPECIFICATIONS. WIRING IN AIR HANDLING PLenums SHALL BE PLenum RATED AS REQUIRED. ALL WIRING RUN IN METAL RACEWAYS, SHALL BE IN RACEWAYS SEPARATE FROM ALL OTHER WIRING, UNLESS NOTED OTHERWISE. COORDINATE LAYOUT AND RACEWAY SIZES WITH FINAL FIRE ALARM VENDOR PRIOR TO INSTALLATION.
2. ALL NEW FIRE ALARM APPLIANCES SHALL BE SURFACE MOUNTED, UNLESS NOTED OTHERWISE.
3. IN FINISHED AREAS (OFFICES, CLASSROOMS, CORRIDORS, RESTROOMS, ETC.) ALL NEW FIRE ALARM RACEWAYS SHALL BE SURFACE MOUNTED RACEWAYS, CENTERED ON APPLIANCES BACK BOX. REFERENCE SURFACE MOUNTED RACEWAY DESCRIPTION ON LEGEND FOR MORE INFORMATION.
4. IN UNFINISHED AREAS (STORAGE, MECH/ELEC, ETC.) ALL NEW FIRE ALARM RACEWAYS SHALL BE EMT, CENTERED ON APPLIANCES BACK BOX.
5. SEAL ALL PENETRATIONS THRU FIRE RATED ASSEMBLIES WITH APPROVED FIRE-STOPPING MATERIALS. REFER TO SPECIFICATIONS FOR FURTHER DETAILS AND SEE ARCHITECTURAL SHEET LS1.00 FOR RATED ASSEMBLY LOCATIONS.
6. PATCH AND PAINT SHALL BE COVERED BY GENERAL TRADES. ALL RACEWAYS SHALL MATCH WALL FINISH. COORDINATE WITH ARCHITECT.
7. WHERE DROP CEILINGS ARE PRESENT, ROW OF CEILING TILES NEAREST THE HALLWAY INSIDE CLASSROOMS, CONFERENCE ROOMS, OFFICES AND STORAGE ROOMS SHALL BE REMOVED BY OTHERS PRIOR TO E.C. COMMENCING WORK IN THESE AREAS.

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FIRE ALARM
SYSTEM PLAN
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FIRE ALARM REPLACEMENT & RELATED WORK

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MONROE PUBLIC SCHOOLS
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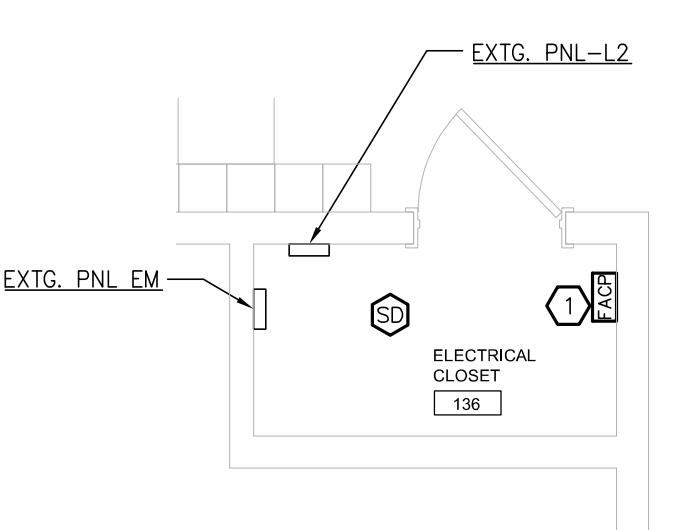
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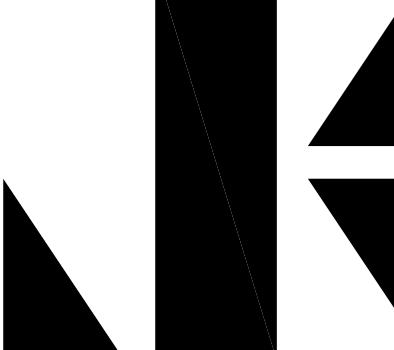
DATE 02.09.2026 DESCRIPTION BIDDING & STATE REVIEW



ELECTRICAL ENLARGED PLAN

ENLARGED PLAN NOTES:

- ① CIRCUIT TO PNL FM USING EXISTING FIRE ALARM CIRCUIT, EM #3.



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