



Architectural
Services

130 Regional Park Drive
Kingsport, TN 37660
Phn (423) 349-7760
Fax (423) 349-7413
www.grcinc.com

ADDENDUM ONE

Project: **Sullivan County East Middle School Porch Enclosure**

Address: **4500 Weaver Pike, Bluff City, Tennessee.**

November 7, 2023

This Addendum is part of the Contract Documents for the above referenced project and modifies the original drawings and/or specifications, dated **10/18/23**, as noted below. The bidder shall acknowledge receipt of this Addendum in the place provided in the Bid Form. The published bid date and time shall remain the same.

GENERAL:

1. Please see attached Pre-Bid Attendance Record.

DRAWINGS:

None

1. **Drawing G-12** has been revised to include the International Existing Building Code, 2012 Edition, excluding Chapter 11 and Section 3411, and the inclusion of the International Existing Building Code, 2012 edition (scope of work related to existing buildings).
2. **Drawing G-00** has been revised to show the TFM#, the County of the project and corrections to the Drawing Index.
3. **Drawing E-01** has been revised to include a symbol for the Emergency Lighting.
4. **Drawing G-00** has been revised to indicate the date of revised drawings.
5. **Drawing G-00** has been revised to include Drawing S-12, and Drawing A-20 has been revised to show the correct drawing number a-20 in lieu of A-10.
6. **Drawing E-21** has been revised to add emergency egress lighting as requested. Drawing E-01 has also been revised to add the symbol representing the combination exit sign/emergency egress lighting unit to the Legend.
7. **Drawing E-01** has been revised to add the combination exit sign/emergency egress lighting unit to the Electrical Specifications. The specified product (Lithonia Quantum LHQM series) has a built-in UL listed battery which provides the required minimum 90 minutes of emergency egress illumination in the event of a normal power loss.
8. **Drawing E-01** has been revised to add the requested notes.
9. **Drawing E-01** has been revised to add the requested notes.

SPECIFICATIONS:

1. **Section 000101 – Table of Contents** – Revised to strike specification section not applicable to this project.
2. **Section 000115 – Index of Drawings** – Revised to include Drawing S-12.

END OF ADDENDUM 1

THIS DRAWING AS PREPARED BY CAIN RASH WEST ARCHITECTS SHALL BE USED FOR THE SPECIFIC IDENTIFIED PROJECT ONLY. THIS DRAWING IS THE PROPERTY OF CAIN RASH WEST ARCHITECTS AND SHALL BE RETURNED UPON REQUEST.



Second Floor Porch Enclosure:

Sullivan East Middle School

4500 Weaver Pike

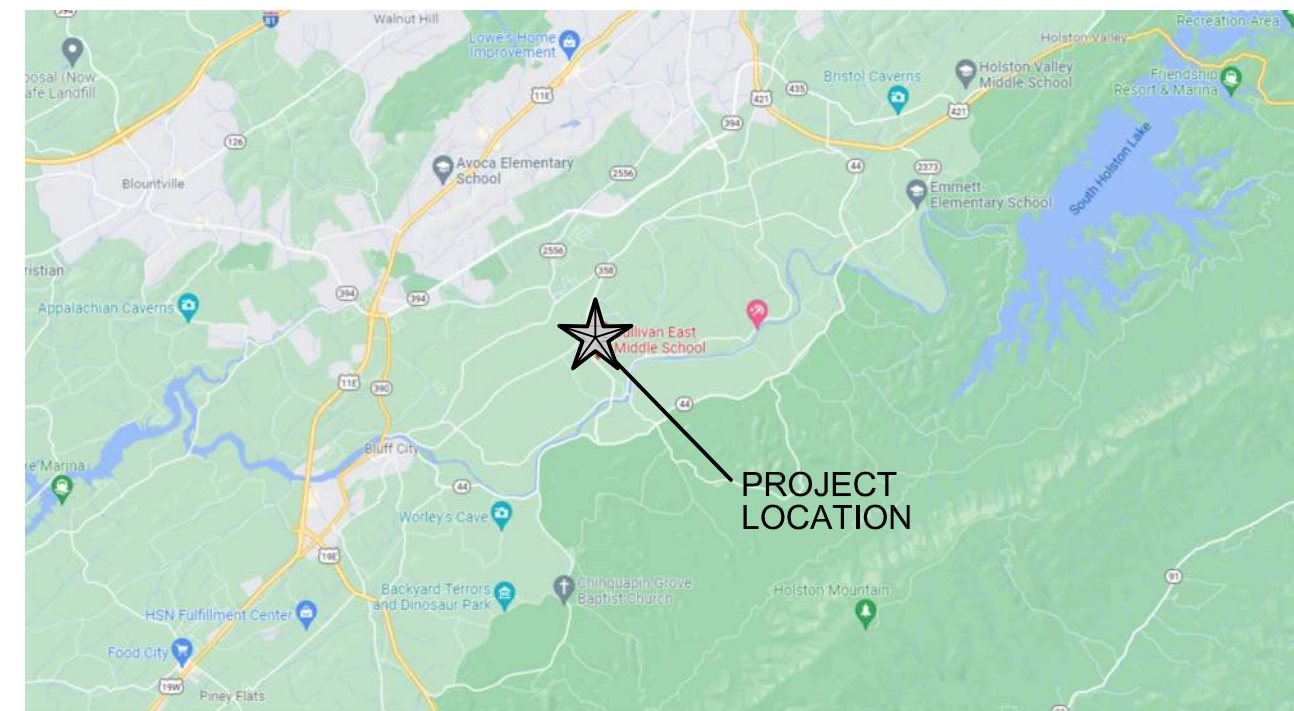
Bluff City, SULLIVAN COUNTY, TN

October 18, 2023

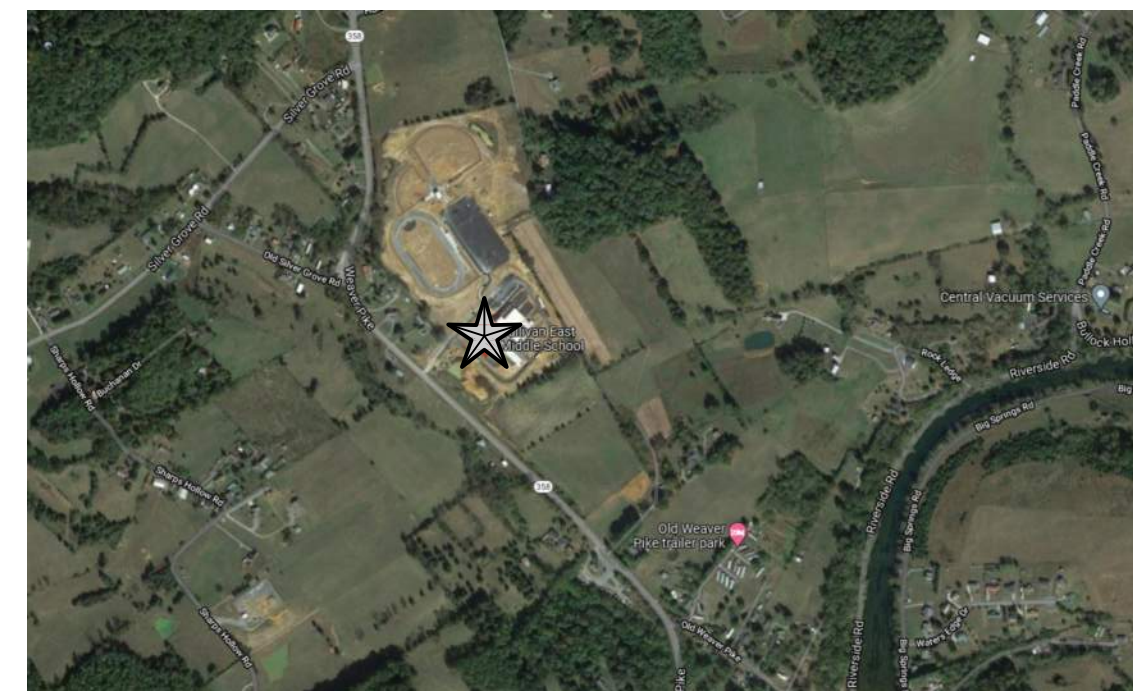
CRW Project # 202335

TFM # 19128

VICINITY MAP



LOCATION MAP



DRAWING INDEX

GENERAL		
G-00	COVER SHEET	REVISED 11/7/2023
G-01	GENERAL INFORMATION SHEET	
G-12	LIFE SAFETY PLAN	REVISED 11/7/2023
SITE / CIVIL		
NONE		
STRUCTURAL		
S-11	FRAMING FLOOR PLAN	
S-12	SECTIONS AND DETAILS	REVISED 11/7/2023
ARCHITECTURAL		
A-01	DEMOLITION PLAN	
A-10	FLOOR PLANS	
A-20	EXTERIOR ELEVATIONS	
A-21	EXTERIOR ELEVATIONS	
A-31	WALL SECTIONS	
A-40	PLAN DETAILS	
INTERIORS		
I-40	CASEWORK DETAILS AND FINISH SCHEDULE	
MECHANICAL		
M-11	HVAC FLOOR PLAN	
PLUMBING		
P-11	WASTE & WATER FLOOR PLAN	
FIRE PROTECTION		
NOT USED		
ELECTRICAL		
E-01	ELECTRICAL SCHEDULES, LEGENDS AND DETAILS	REVISED 11/7/2023
E-21	ELECTRICAL FLOOR PLAN	REVISED 11/7/2023



130 Regional Park Dr.
Kingsport, TN 37660
Phn (423) 349-7760
Fax (423) 349-7413
www.grcinc.com

THIS DRAWING AS PREPARED BY CainRashWest Architects SHALL BE USED FOR THE SPECIFIC IDENTIFIED PROJECT ONLY. THIS DRAWING IS THE PROPERTY OF CainRashWest Architects AND SHALL BE RETURNED PER THEIR REQUEST.

no.	date	rev. description
1	11-7-23	ADDENDUM #1

issued	10/18/2023
checked	RDL
drawn	RDL
project no.	202335

COVER SHEET

G-00

MECHANICAL / PLUMBING

BCE
BEDINGER CONSULTING ENGINEERS
5641 Merchants Center Blvd;
STE A104
Knoxville, TN 37912
Ph: 865-5975
www.bce1946.com



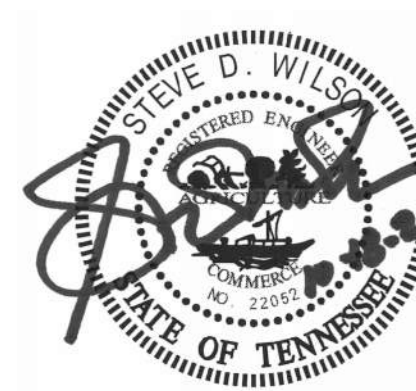
ELECTRICAL

VEE VREELAND ENGINEERS INC.
CONSULTING ELECTRICAL ENGINEERS
3107 SUTHERLAND AVENUE
P.O. BOX 10648
KNOXVILLE, TENNESSEE 37939-0648
PHONE 865/637-4451 FAX 865/637-1558



STRUCTURAL

SPODEN & WILSON
CONSULTING ENGINEERS
430 CLAY STREET
KINGSPORT, TENNESSEE 37660
Phone: (423) 245-1181 Fax: (423) 245-0852
email: sweng@spodenwilson.com



ARCHITECT / CIVIL

Cain Rash West Architects
Architectural Services
130 Regional Park Dr.
Kingsport, TN 37660
Phn (423) 349-7760
Fax (423) 349-7413
www.grcinc.com



printed: 11/7/2023 3:49:01 PM file: G-00_COVER SHEET.DWG

COMcheck Software Version 4.1.5.1
Mechanical Compliance Certificate

Project Information

Energy Code: 2012 IECC
 Project Title: Classroom
 Location: Blountville, Tennessee
 Climate Zone: 4a
 Project Type: New Construction

Construction Site: Owner/Agent: Designer/Contractor:

Additional Efficiency Package(s)
 Unspecified

Mechanical Systems List

Quantity System Type & Description
 2 NU-1 & 2 (Single Zone):
 Split System Heat Pump
 Heating Motor Capacity = 46 kBtu/h, Proposed Efficiency = 9.00 HSPF, Required Efficiency = 7.70 HSPF
 Cooling Mode Capacity = 46 kBtu/h, No Economizer, Economizer exception: Cooling Efficiency is greater than 20% min. efficiency
 Proposed Efficiency = 17.50 SEER, Required Efficiency: 13.00 SEER
 Fan System: FAN SYSTEM 1 - Compliance (Motor nameplate HP method), Passes
 Fans:
 FAN 1 Supply, Single-Zone VAV, 1400 CFM, 0.8 motor nameplate hp



Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.1.5.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Steven Zimny - Mechanical Engineer
 Name - Title: Signature: Date: 9/29/23

Project Title: S:\Cain Rash West\23063 - Sullivan Co East Middle School Enclosure\Deliverables\Final Sets\20 Page 1 of 8
 Data filename: S:\Cain Rash West\23063 - Sullivan Co East Middle School Enclosure\Deliverables\Final Sets\20 09-29 Sealed Plans\23063 Comcheck.cck Report date: 09/28/23

CODE DATA

ORIGINAL BUILDING APPROVED
 TFM #19128 PROJECT #2017-12-11-01

SCOPE OF WORK SUMMARY

THIS PROJECT CONSISTS OF RENOVATIONS TO CREATE A S.T.E.M. CLASSROOM

APPLICABLE CODES

- NFPA 101 LIFE SAFETY CODE (2012 EDITION)
- ICC INTERNATIONAL BUILDING CODE, 2012 EDITION (EXCLUDING CHAPTER 11 & SECTION 3411)
- INTERNATIONAL EXISTING BUILDING CODE, 2012 EDITION (SCOPE OF WORK RELATED TO EXISTING BUILDINGS)
- ICC INTERNATIONAL FIRE CODE (2012 EDITION)
- ICC INTERNATIONAL MECHANICAL CODE (2012 EDITION)
- ICC INTERNATIONAL FUEL GAS CODE (2012 EDITION)
- ICC INTERNATIONAL PLUMBING CODE (2012 EDITION)
- ICC INTERNATIONAL ENERGY CONSERVATION CODE (2012 EDITION)
- NATIONAL ELECTRIC CODE (NFPA70) (2017 EDITION)
- U.S. PUBLIC HEALTH FOOD CODE (2009 EDITION)
- ACCESSIBILITY CODE: 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

NOTE: IN INSTANCES WHERE THE SPECIFIC REQUIREMENTS OF ICC AND NFPA 101 DIFFER, THE MORE STRINGENT OF THE TWO CODES SHALL APPLY.)

OCCUPANCY

EDUCATIONAL - GROUP E NON-SEPARATED

CONSTRUCTION TYPE

TYPE II - B NON-COMBUSTIBLE FULLY SPRINKLERED

GENERAL BUILDING LIMITATIONS

ALLOWABLE HEIGHT - 7'
 TOTAL ACTUAL HEIGHT UNCHANGED AT 42'-4"
 ALLOWABLE STORIES - 3 STORIES
 ACTUAL STORIES UNCHANGED AT 2 STORIES
 ALLOWABLE AREA - 43,500 SF PER STORY
 ACTUAL SQUARE FEET UNCHANGED
 1ST FLOOR = 27,184 SF
 2ND FLOOR = 28,207 SF
 TOTAL = 55,391 SF

OCCUPANT LOAD

ORIGINAL DESIGN WAS A 1,545 SF ASSEMBLY SPACE WITH AN OCCUPANCY OF 103
 PROPOSED CLASSROOM WILL HAVE A REDUCED OCCUPANCY OF 78 (20 SF / PERSON)

INTERIOR FINISHES

UNCHANGED

EGRESS

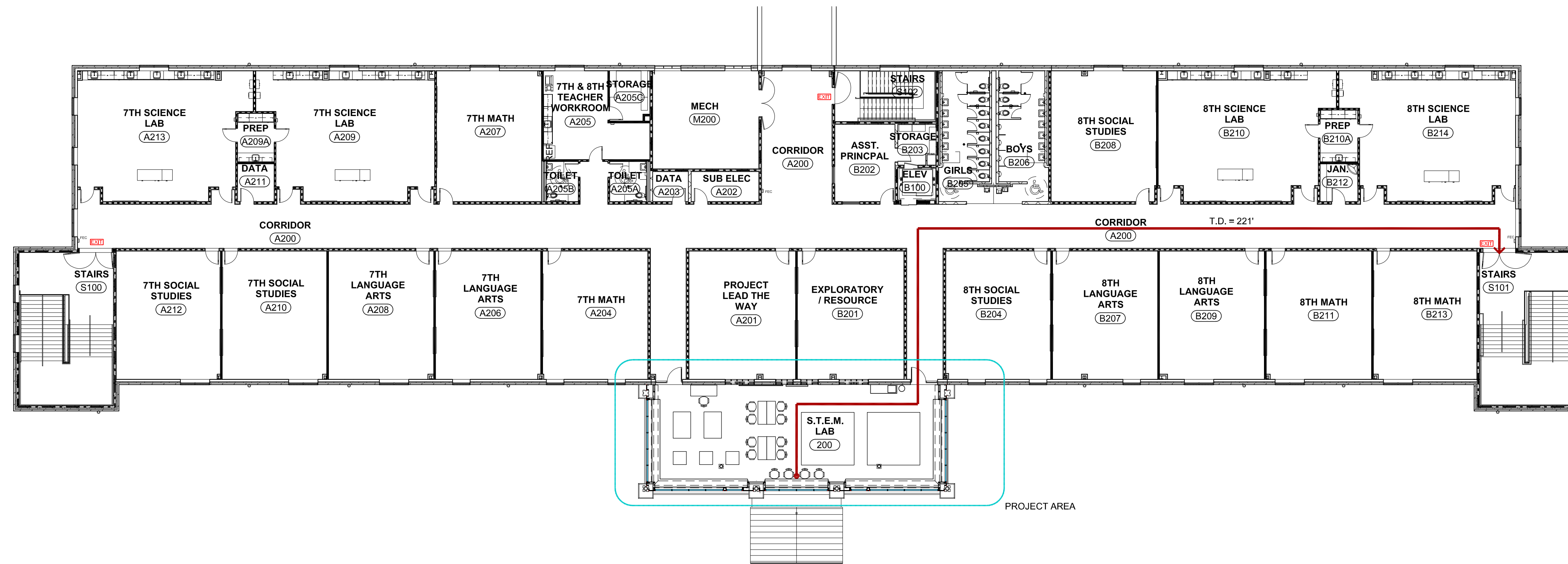
250' WITH SPRINKLER SYSTEM PER TABLE 1017.2
 UNCHANGED

LOCAL FIRE DEPARTMENT

SULLIVAN EAST VOLUNTEER FIRE DEPARTMENT
 MATT KEGLEY - CHIEF
 3287 WEAVER PIKE
 BRISTOL, TN 37620
 NON-EMERGENCY PHONE: 423-878-2787
 FAX: 423-217-1043
 WEB: HTTP://EASTSULLIVANCOUNTYVFD.COM

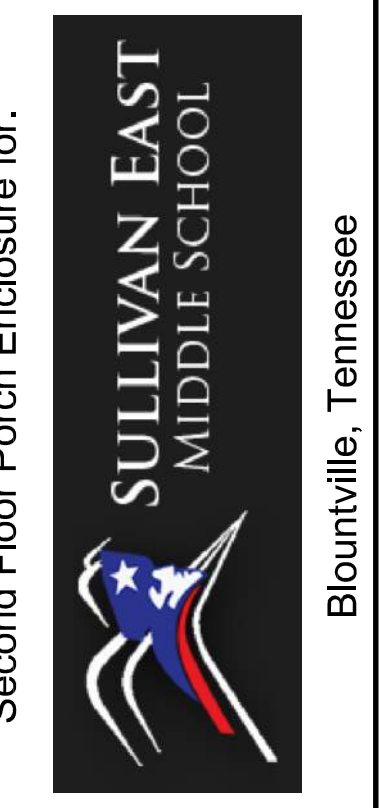
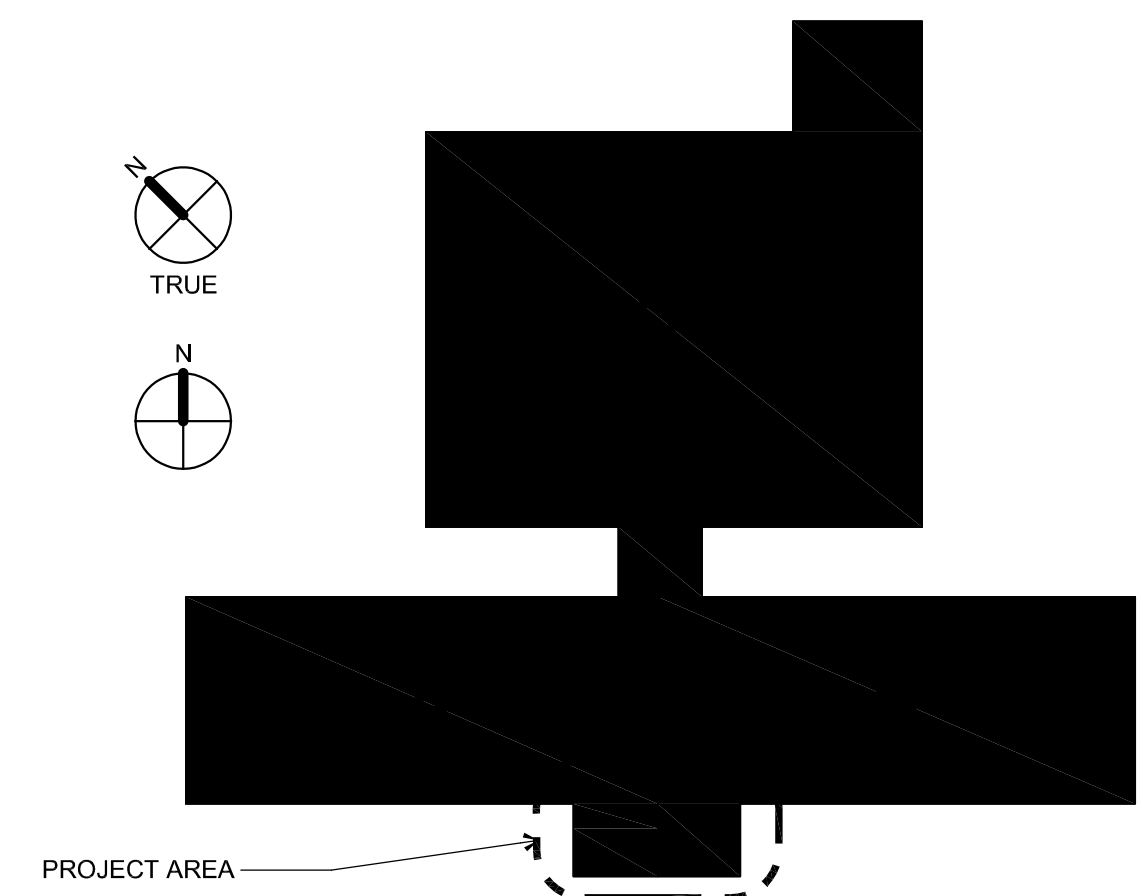
LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- NEW WALL CONSTRUCTION
- DENOTES AREA OF WORK
- DENOTES 1-HR RATED FIRE BARRIER
- T.D. = 100 FT. TRAVEL DISTANCE TO EXIT (NOTE: TRAVEL DISTANCES INDICATED ON PLAN HAVE BEEN ROUNDED UP TO THE NEAREST WHOLE FOOT.)
- FIRE EXTINGUISHER / FIRE EXTINGUISHER CABINET



LIFE SAFETY PLAN

KEY PLAN



130 Regional Park Dr.
 Kingsport, TN 37660
 Phn (423) 349-7760
 Fax (423) 349-7413
 www.grcinc.com

THIS DRAWING AS PREPARED BY CainRashWest Architects SHALL BE USED FOR THE SPECIFIC IDENTIFIED PROJECT ONLY. THIS DRAWING IS THE PROPERTY OF CainRashWest Architects AND SHALL BE RETURNED PER THEIR REQUEST

no.	date	rev. description
1	11-7-23	ADDENDUM #1



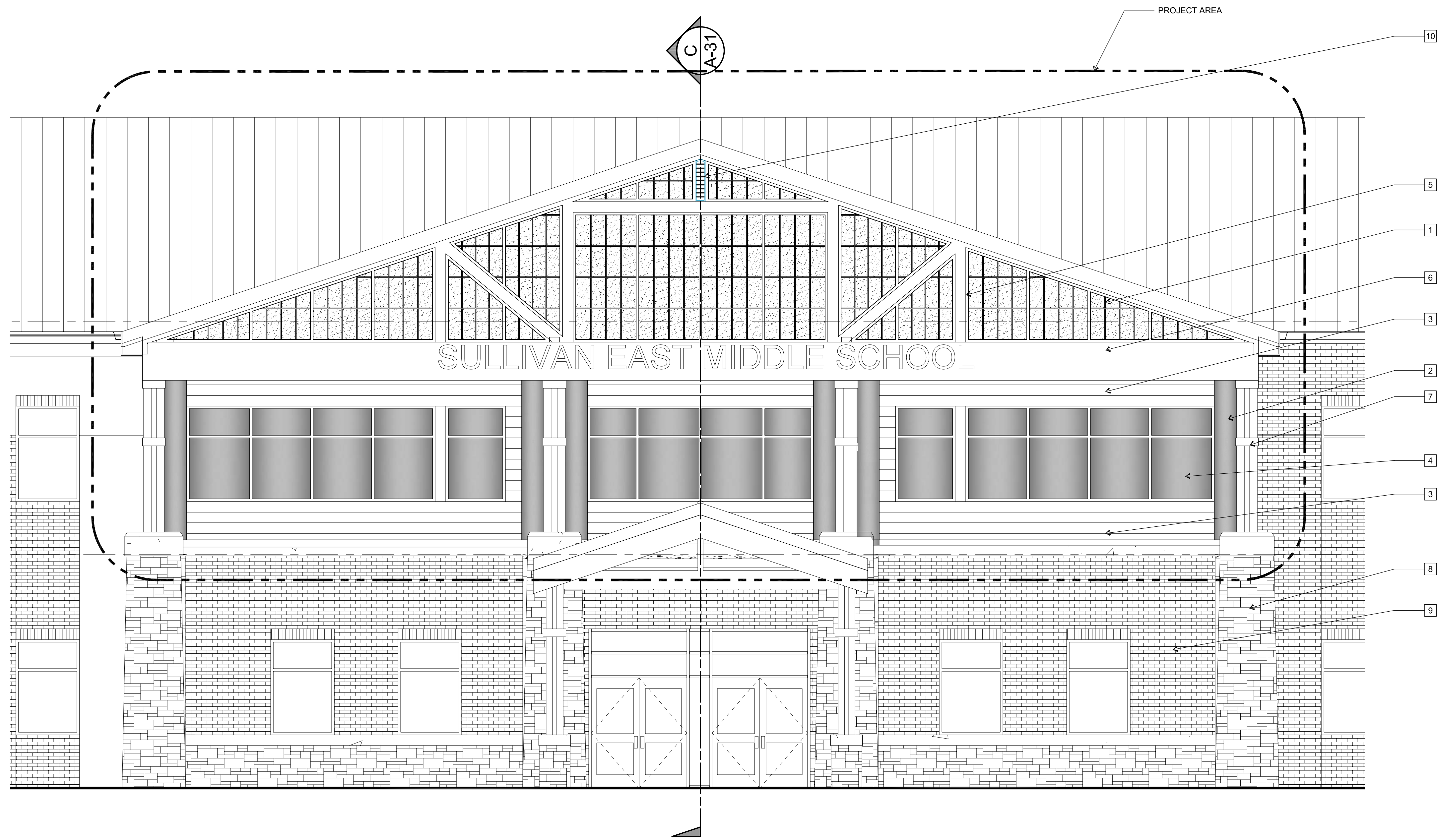
issued OCT. 18, 2023
 checked RDL
 drawn RDL
 project no. 202335

LIFE SAFETY PLAN

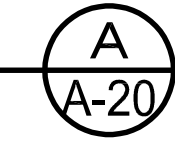
G-12

ELEVATION KEY NOTES

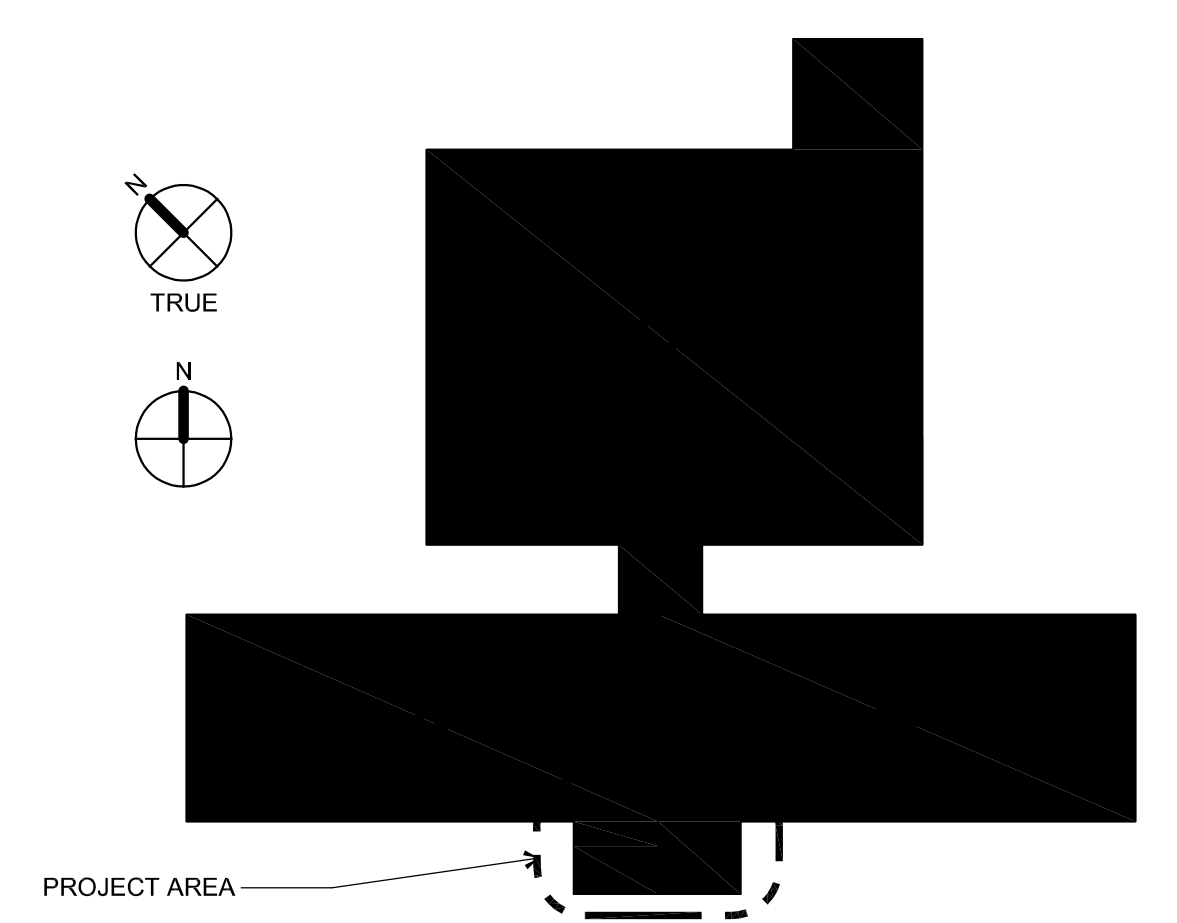
- 1 TRANSLUCENT INSULATED PANELS WITHIN THE EXISTING STEEL TRUSS STRUCTURE.
- 2 METAL PANEL TO MATCH EXISTING. 074112
- 3 METAL SIDING. 074100
- 4 ALUMINUM WINDOWS WITH INSULATING GLASS TO MATCH EXISTING.
- 5 EXISTING STEEL TRUSS STRUCTURE
- 6 EXISTING METAL PANELS
- 7 EXISTING COLUMN
- 8 EXISTING STONE VENEER
- 9 EXISTING BRICK VENEER
- 10 CUSTOM SIZE AND SHAPE INTAKE LOUVER.



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



KEY PLAN



130 Regional Park Dr.
Kingsport, TN 37660
Phn (423) 349-7760
Fax (423) 349-7413
www.grcinc.com

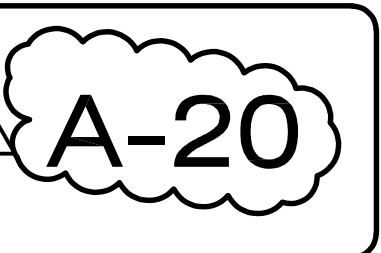
THIS DRAWING AS PREPARED BY CainRashWest Architects SHALL BE USED FOR THE SPECIFIC IDENTIFIED PROJECT ONLY. THIS DRAWING IS THE PROPERTY OF CainRashWest Architects AND SHALL BE RETURNED PER THEIR REQUEST

no.	date	rev. description
1	11-7-23	ADDENDUM #1



issued	10/18/2023
checked	RDL
drawn	RDL
project no.	202335

FLOOR PLAN



ELECTRICAL SPECIFICATIONS

- SCOPE: FURNISH PLANT, LABOR, MATERIAL, SERVICES, AND EQUIPMENT NECESSARY FOR AND REASONABLY INCIDENTAL TO THE INSTALLATION OF ELECTRICAL FACILITIES SHOWN ON THE DRAWINGS AND CALLED FOR HEREINAFTER.
- CODES AND PERMITS: SECURE NECESSARY PERMITS, PAY NECESSARY FEES, CONFORM TO ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES.
- POWER SERVICE: POWER SERVICE SHALL BE TAKEN FROM THE EXISTING BUILDING POWER DISTRIBUTION SYSTEM AS INDICATED ON DRAWINGS.
- WIRING METHODS: FURNISH AND INSTALL A SYSTEM OF LINE VOLTAGE POWER WIRING FOR RENOVATION AREA AS INDICATED ON DRAWINGS AND AS SET FORTH HEREINAFTER. ALL WIRING SHALL BE RUN CONCEALED TO THE MAXIMUM EXTENT POSSIBLE. UTILIZE ELECTRICAL-METALLIC TUBING (EMT) FOR NEW CONDUIT RUNS THAT ARE CONCEALED ABOVE LAY-IN ACUSTICAL TILE CEILING AND CONCEALED IN NEW WALL CONSTRUCTION. EXISTING CONDUIT AND BOXES MAY BE UTILIZED WHERE PRACTICABLE TO ACHIEVE NEW BRANCH WIRING ARRANGEMENTS SHOWN ON DRAWINGS. OTHERWISE, PROVIDE ALL NEW CONDUIT AND BOXES AS ILLUSTRATED. PROVIDE TWO COMPARTMENT SURFACE NON-METALLIC RACEWAY SYSTEM WHERE INDICATED ON DRAWINGS, OTHERWISE, ALL NEW WIRING SHALL BE INSTALLED CONCEALED UNLESS SPECIFIC PERMISSION IS GIVEN BY ARCHITECT FOR EXPOSED WIRING. THE EXCEPTION TO THIS RULE IS FOR NEW WATER HEATERS AND RECIRCULATION PUMPS SHALL BE PERMITTED TO BE RUN EXPOSED IN STORAGE AND PREP ROOMS. ALL CONDUCTORS SHALL BE COPPER WITH "THHN/THWN" INSULATION. PROVIDE COLOR CODING OF CONDUCTORS IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE REQUIREMENTS. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG WITH LARGER SIZES WHERE INDICATED ON DRAWINGS. ALL WIRING (CONCEALED AND EXPOSED) SHALL BE RUN IN A NEAT AND WORKMANLIKE MANNER, PARALLEL OR PERPENDICULAR TO BUILDING STRUCTURAL ELEMENTS. NO DIAGONAL RUNS WILL BE PERMITTED. NEW EXPOSED WIRING RUNS SHALL BE SUBJECT TO APPROVAL OF ROUTING IN ADVANCE OF INSTALLATION BY ARCHITECT.
- WORK AT EXISTING PANELBOARDS: MAKE MODIFICATIONS TO EXISTING PANELBOARD AS ILLUSTRATED ON DRAWINGS. PROVIDE NEW CIRCUIT BREAKER IN EXISTING 120/208-VOLT PANELBOARD TO SERVE BRANCH WIRING AS INDICATED ON PLANS. PROVIDE NEW TYPEWRITTEN CIRCUIT DIRECTORIES IN THE PANELBOARD TO REPLACE EXISTING CIRCUIT DIRECTORIES. NEW TYPEWRITTEN CIRCUIT DIRECTORIES SHALL ACCURATELY IDENTIFY TYPE OF LOAD, LOCATION, LOAD, FOR EACH CIRCUIT BREAKER IN THE PANELBOARD WITH NUMBERING TO MATCH CIRCUIT BREAKER NUMBERS.
- SAFETY SWITCHES: FURNISH AND INSTALL HEAVY-DUTY FUSIBLE TYPE SAFETY SWITCHES WHERE ILLUSTRATED ON DRAWINGS. SAFETY SWITCHES SHALL BE HEAVY DUTY, HORSEPOWER RATED, QUICK BREAK WITH ARC SHIELD, WITH ENCLOSED CONSTRUCTION. UTILIZE NEMA 3R ENCLOSURES FOR OUTDOOR SAFETY SWITCHES. WHERE SAFETY SWITCHES ARE REQUIRED TO BE INSTALLED AWAY FROM WALLS, A SUITABLE SUPPORT WILL BE PROVIDED BY ELECTRICAL CONTRACTOR TO ALLOW THE SWITCH TO BE IN A POSITION OF APPROXIMATELY 4' ABOVE FLOOR OR ROOF LEVEL. SWITCHES MAY BE MOUNTED ON EQUIPMENT WHERE SPECIFIC APPROVAL IS PROVIDED BY EQUIPMENT SUPPLIER.
- MANUAL MOTOR STARTERS: FURNISH AND INSTALL MANUAL MOTOR STARTERS FOR FRACTIONAL HORSEPOWER EQUIPMENT AS INDICATED ON DRAWINGS. NEW MOTOR STARTERS SHALL BE SIMILAR AND EQUAL TO SQUARE D COMPANY 2510 SERIES, CATALOG NO. FF-1P OR FF-2P, DEPENDING UPON SINGLE-POLE OR DOUBLE-POLE APPLICATIONS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- WIRING DEVICES: FURNISH AND INSTALL NEW DUPLEX PLUG RECEPTACLES, GFCI DUPLEX PLUG RECEPTACLES, WALL SWITCHES, ETC., AS INDICATED ON DRAWINGS. NEW WIRING DEVICES SHALL BE TAMPER RESISTANT WITH MINIMUM RATING OF 20-AMPERES. PROVIDE STAINLESS STEEL COVERPLATES. COLOR OF DEVICES SHALL BE IVORY, WHITE, OR GRAY AS DIRECTED BY ARCHITECT.
- LIGHTING FIXTURE AND EXIT SIGN/EMERGENCY LIGHTING COMBO UNITS: FURNISH AND INSTALL LED LIGHTING FIXTURES AS INDICATED ON DRAWINGS. REFER TO LIGHTING FIXTURE SCHEDULE AS INDICATED ON DRAWINGS. REFER TO LIGHTING FIXTURE SCHEDULE FOR FIXTURE SPECIFICATIONS. FURNISH AND INSTALL COMBO EXIT SIGN/TWIN HEAD EMERGENCY LIGHT COMBO UNITS WITH LED LAMPING, MATTE WHITE THERMOPLASTIC HOUSING, RED LETTERS, AND BUILT-IN NICKEL CADMIUM BATTERY BACKUP WHERE NOTED ON DRAWINGS. UNITS SHALL BE LITHONIA QUANTUM LHQM SERIES OR EQUAL.
- DEMOLITION AND EXISTING CONDITIONS: PLANS ARE APPROXIMATE IN NATURE AND MUST BE VERIFIED ON SITE. CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL ELECTRICAL DEMOLITION WORK REQUIRED TO ACCOMMODATE NEW WORK SHOWN ON DRAWINGS. REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, AND OTHER DRAWINGS WHICH FURTHER INDICATE THE EXTENT OF DEMOLITION WORK REQUIRED. ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING, DEVICES, EQUIPMENT, ETC., FROM WALLS BEING REMOVED AND SHALL REVISE WIRING AS NEEDED TO MAINTAIN SERVICE TO DOWNSTREAM LOADS THAT ARE OUTSIDE RENOVATION AREA. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION. CONDUITS SERVING DEVICES/EQUIPMENT BEING REMOVED FROM BELOW CONCRETE FLOOR SLABS SHALL BE CUT OFF BELOW SLAB AND ABANDONED WITH ALL CONDUCTORS REMOVED BACK TO SOURCE PANELBOARD. CONTRACTOR SHALL ARRANGE WITH G.C. TO HAVE HOLES PATCHED SURROUNDING CONDITIONS. CONDUITS FEEDING DEVICES/EQUIPMENT BEING REMOVED FROM OVERHEAD SHALL BE DISCONNECTED AND REMOVED BACK TO SOURCE WITH ALL CONDUCTORS REMOVED AS WELL. ALL CEILING DAMAGED DUE TO REMOVAL OF ABANDONED CONDUIT SHALL BE REPLACED OR REPAIRED TO MATCH EXISTING CONDITIONS. COORDINATE WITH ARCHITECT. EXISTING CIRCUIT BREAKERS IN PANELBOARDS SERVING CIRCUITS THAT ARE NO LONGER IN USE AS A RESULT OF THIS RENOVATION PROJECT SHALL BE MARKED "SPARE" IN THE UPDATED PANELBOARD CIRCUIT DIRECTORY.
- GROUNDING: FURNISH AND INSTALL GROUNDING IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE. PROVIDE A SEPARATE CODE-SIZED EQUIPMENT GROUNDING CONDUCTOR IN ALL NEW BRANCH CIRCUIT WIRING RUNS. SEPARATE GROUNDING CONDUCTOR IS GENERALLY NOT ILLUSTRATED ON THE DRAWINGS BUT SHALL BE REQUIRED. GROUND EQUIPMENT AND LIGHTING FIXTURES IN ACCORDANCE WITH CODE.
- SITE VISITATION: VISIT THE SITE SO AS TO HAVE A FULL UNDERSTANDING OF WORK REQUIRED IN THE EXISTING BUILDING. MAKE DUE ALLOWANCE FOR SAME IN BID PRICE. PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK, CONTRACTOR SHALL CONFIRM THAT INFORMATION SHOWN ON DRAWINGS REGARDING EXISTING ELECTRICAL ARRANGEMENT IS ACCURATE. CALL ANY DISCREPANCIES THAT ARE DISCOVERED TO THE IMMEDIATE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
- SUBMITTALS: PROVIDE SUBMITTALS FOR REVIEW BY ARCHITECT AND ENGINEER. SUBMITTALS SHALL BE PROVIDED IN ELECTRONIC PDF FILE FORMAT WITH DESCRIPTIVE FILENAMES AND ALL MANUFACTURER'S CUT SHEETS APPROPRIATELY HIGHLIGHTED TO CLEARLY NOTE THE SPECIFIC EQUIPMENT BEING PROPOSED FOR USE ON THIS PROJECT. SUBMITTALS ON THIS PROJECT SHALL INCLUDE WIRING DEVICES, SAFETY SWITCHES, MANUAL MOTOR STARTERS, AND COMMUNICATIONS/PANEL POLES.
- GUARANTY: GUARANTEE ALL WORK TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF JOB. MAKE ALL REPAIRS/REPLACEMENT OF DEFECTIVE PARTS/LABOR DURING WARRANTY PERIOD AT NO ADDITIONAL COST TO THE OWNER.

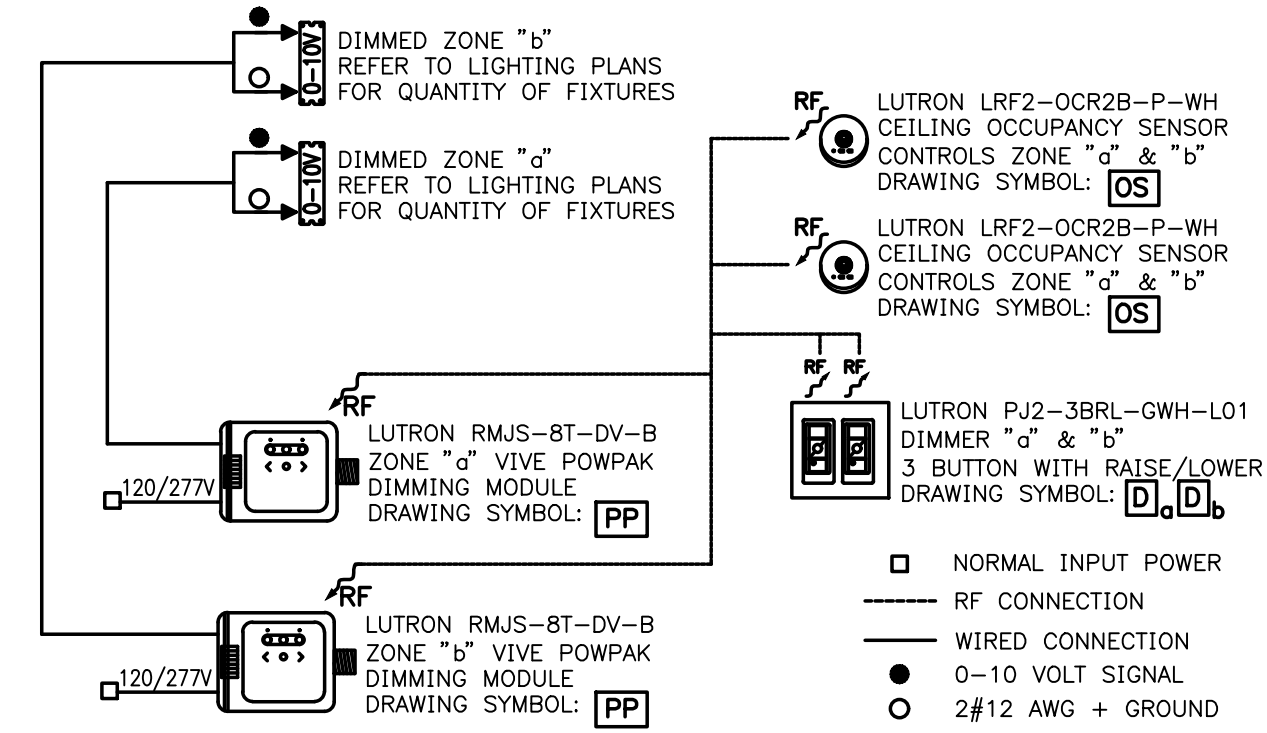
EXISTING FIRE ALARM NOTES:

- EXISTING BUILDING FIRE ALARM SYSTEM SHALL REMAIN IN PLACE AND BE MAINTAINED IN OPERATION.
- ALL REQUIRED DOCUMENTATION REGARDING THE DESIGN OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS AND THE PROCEDURES FOR MAINTENANCE, INSPECTION, AND TESTING OF FIRE DETECTION, ALARM, AND COMMUNICATIONS SYSTEMS SHALL BE MAINTAINED AT AN APPROVED, SECURED LOCATION FOR THE LIFE OF THE SYSTEM. (IFC 901.6.2.1).
- FIRE ALARM CONTROL PANEL CIRCUIT DISCONNECTING MEANS SHALL HAVE A RED MARKING, SHALL BE ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL, AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT". THE LOCATION OF THE CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT. (2010 NFPA 72 10.5.5.2.2).

LIGHTING FIXTURE SCHEDULE

DESIGNATION	ILLUMINATION				MOUNTING			DESCRIPTION: SHIELDING, TYPE MATERIALS, FINISH, MOUNTING	MANUFACTURER'S PRODUCT ITEM		*EQUAL PRODUCT PERMITTED	REMARKS
	WATTS	DELIVERED LUMENS	COLOR TEMPERATURE (°K)	MINIMUM CRI	PENDANT STEM LENGTH	CEILING			COMPANY	CATALOG NO.		
						SURFACE RECESSED	WALL					
A	72	700 UP 1000 DOWN	3500	80	•				PEERLESS	EGRMAL LSL 4FT 80CRI 35K 1700LMF 1000LMF DARK 277	•	CONFIRM SUSPENSION LENGTH WITH ARCHITECT

* UNLESS NOTED, EQUAL PRODUCT TO THAT SPECIFIED WILL BE ACCEPTED. THE DESIGN PROFESSIONAL SHALL HAVE SOLE JUDGEMENT CONCERNING EQUIVALENCY OF SUBSTITUTION.



LEGEND

- | SYMBOL | DESCRIPTION |
|--------|-------------|
|--------|-------------|
- LED LIGHTING FIXTURE; "B" REFERS TO DESIGNATION IN THE LIGHTING FIXTURE SCHEDULE; "G" REFERS TO SWITCH CONTROL; AND "2" REFERS TO CIRCUIT NUMBER.
 - WALL MOUNTED DIMMER TO CONTROL LIGHTING FIXTURES INDICATED, SAME MOUNTING HEIGHT AS REGULAR WALL SWITCH. PROVIDE NEUTRAL CONDUCTOR IN ADDITION TO LINE AND SWITCHED CONDUCTORS.
 - DUPLEX PLUG RECEPTACLE; 120-VOLTS; 20-AMPERES; MOUNT 3" ABOVE BACKSPASH AT WORK COUNTERS AND LAVATORIES AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT. TAMPER RESISTANT, UNLESS NOT REQUIRED BY CODE.
 - QUADRUPLEX PLUG RECEPTACLE, 120-VOLTS, 20-AMPERES. MOUNT 3" ABOVE BACKSPASH AT WORK COUNTERS/LAVATORIES AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT. TAMPER RESISTANT, UNLESS NOT REQUIRED BY CODE.
 - DUPLEX PLUG RECEPTACLE, 120-VOLTS, 20-AMPERES. SHADED CENTER INDICATES EQUIPPED WITH BUILT-IN GROUND FAULT CIRCUIT INTERRUPTER, MOUNT 3" ABOVE BACKSPASH AT WORK COUNTERS/LAVATORIES AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT. PROVIDE WEATHER RESISTANT DEVICE AND WEATHERPROOF "EXTRA DUTY WHILE IN USE" COVER WHERE LOCATED OUTDOORS. TAMPER RESISTANT, UNLESS NOT REQUIRED BY CODE.
 - DUPLEX PLUG RECEPTACLE, 120-VOLTS, 20-AMPERES. SHADED SIDES INDICATES OUTLET TO BE FOR WALL MOUNTED TELEVISION, VERIFY EXACT MOUNTING HEIGHT PRIOR TO ROUGH-IN, LOCATE ADJACENT TO TELEVISION OUTLET.
 - CONDUIT AND CONDUCTORS EXTENDED TO PANELBOARD A, CIRCUITS 1, 3, AND 5. CROSS LINES INDICATE #12 AWG PHASE AND NEUTRAL CONDUCTORS WHERE MORE THAN TWO. SINGLE CIRCUIT BRANCH CIRCUIT WIRING RUNS SHOWN WITHOUT CROSS LINES SHALL BE PROVIDED WITH 2#12, 1#12G. EACH 20 AMPERE BRANCH CIRCUIT SHALL BE PROVIDED WITH SEPARATE NEUTRAL CONDUCTOR. SHARING OF NEUTRAL CONDUCTORS SHALL NOT BE PERMITTED. PROVIDE EQUIPMENT GROUNDING CONDUCTOR IN EACH CONDUIT RUN.
 - CONDUIT IN THE WALL OR CEILING CONSTRUCTION SHOWN TURNING DOWN.
 - JUNCTION BOX, SIZE AND USE AS REQUIRED; COVERPLATE SHALL OVERLAP THE BOX EDGE BY 1/2" WHERE RECESSED IN WALL WITH CONCEALED WIRING.
 - DATA/VOICE OUTLET, PROVIDE 4 11/16" SQUARE BOX WITH SINGLE-GANG DEVICE RING AND BLANK COVERPLATE. EXTEND EMPTY 1" CONDUIT FROM OUTLET BOX TO POINT ABOVE ACCESSIBLE LAY-IN CEILING AND TERMINATE WITH BUSHING. LOCATE OUTLET BOX 3" ABOVE BACKSPASH AT WORK COUNTERS AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT ON DRAWINGS. "WG" BY DEVICE INDICATES DEVICE TO BE DEDICATED FOR WIRELESS ACCESS POINT USE.
 - WALL-MOUNTED INTERCOM LOUDSPEAKER, LOCATE 7"-6" AFF EXCEPT NOT LESS THAN 12" BELOW CEILING.
 - WALL MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE UNIT, CANDELA AND DBA RATING AS NOTED ON DRAWINGS. PROVIDE BACKBOX SUCH THAT BOTTOM OF STROBE LENS IS 81" ABOVE FINISHED FLOOR. COORDINATE BACKBOX TYPE AND EXACT MOUNTING HEIGHT WITH FIRE ALARM EQUIPMENT SUPPLIER. "WG" BY SPEAKER/STROBE INDICATES CONTRACTOR TO PROVIDE WIRE GUARD.
 - OCCUPANCY/VACANCY SENSOR FOR LIGHTING CONTROL, CEILING OR WALL MOUNTED AS INDICATED ON PLANS. MOUNT WALL-MOUNTED SENSOR AT SAME HEIGHT AS WALL SWITCH (+48" ABOVE FINISHED FLOOR). "D" BY SENSOR ON PLANS INDICATES DUAL RELAY TYPE SENSOR ALLOWING INDEPENDENT CONTROL OF TWO SEPARATE LIGHTING LOADS. PROVIDE NEUTRAL CONDUCTOR IN ADDITION TO LINE AND SWITCHED CONDUCTORS.
 - POWER PACK ROOM CONTROLLER FOR CEILING MOUNTED OCCUPANCY SENSOR SYSTEM, SEE PLANS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - CTV SURVEILLANCE CAMERA, CEILING MOUNTED UNLESS NOTED WITH "W" ON PLANS FOR WALL MOUNTING. EACH TRIANGLE ON CAMERA REPRESENTS DIRECTION OF COVERAGE BY CAMERA, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - EXIT SIGN WITH BUILT-IN TWIN HEAD EMERGENCY LIGHT, "W" INDICATES WALL MOUNTING, "C" INDICATES CEILING MOUNTING, "S" INDICATES SINGLE FACE, "D" INDICATES DOUBLE FACE, "P" INDICATES PENDANT MOUNTED. PROVIDE DIRECTIONAL ARROWS ON EXIT SIGNS AS INDICATED ON PLANS. UNIT EQUIPPED WITH BATTERY BACK-UP. CONNECT TO UNSWITCHED, "HOT", LIGHTING CIRCUIT.

System No. C-AJ-1226

ANSUL1479 (ASTM E814)	CANULC S115
F Rating - 3HF	F Rating - 3HF
T Rating - OH	T Rating - OH
L Rating At Ambient - Less Than 1 CFM/sqft	FH Rating - OH
L Rating At 400F - 4CFM/sqft	FH Rating - OH
	L Rating At Ambient - Less Than 1 CFM/sqft
	L Rating At 400F - 4CFM/sqft

1. Floor/Wall Assembly - Min 4 1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Blocks*. Max diam of opening is 32 in. (813 mm).

2. Metallic Sleeve - (Optional) Nom 2 in. (50.8 mm) diam (or smaller) Schedule 40 (or heavier) steel sleeve cast or grouted in to floor or wall assembly, flush with floor or wall surfaces or extending a max of 3 in. (76 mm) above floor or beyond both surfaces of wall.

2A. Steel Metal Sleeve - (Optional) Max 6 in. (152 mm) diam min 24 gsm galv steel provided with a 24 gsm galv steel square flange spot welded to the sleeve at approx mid height, or flush with bottom of sleeve in floors, and sized to be a min of 2 in. (51 mm) larger than the sleeve diam. The sleeve is to be cast in place and may extend a max of 4 in. (102 mm) below the bottom of the deck and a max of 1 in. (25 mm) above the top surface of the concrete floor.

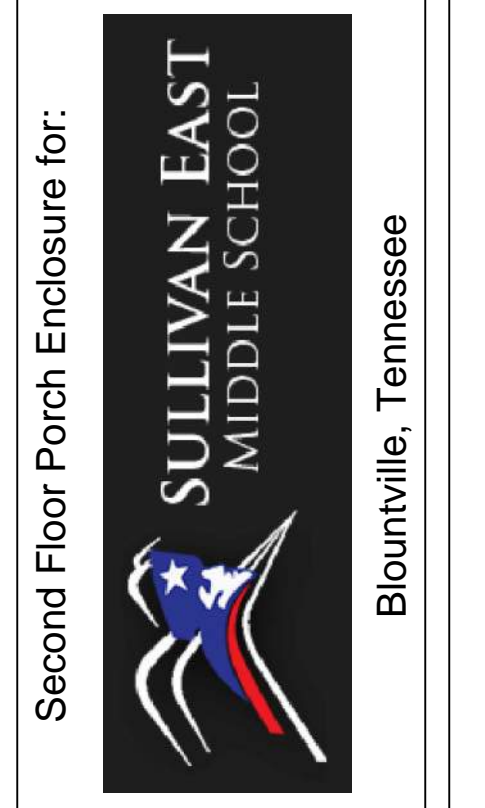
2B. Steel Metal Sleeve - (Optional) Max 12 in. (305 mm) diam min 24 gsm galv steel provided with a 24 gsm galv steel square flange spot welded to the sleeve at approx mid height, or flush with bottom of sleeve in floors, and sized to be a min of 2 in. (51 mm) larger than the sleeve diam. The sleeve is to be cast in place and may extend a max of 4 in. (102 mm) below the bottom of the deck and a max of 1 in. (25 mm) above the top surface of the concrete floor.

3. Through Penetrant - One metallic pipe, tube or conduit to be installed either concentrically or eccentrically within the firestop system. The annular space between penetrant and periphery of opening shall be min 0 in. (point contact) to max 1-7/8 in. (48 mm). Penetrant may be installed with continuous point contact. Penetrant to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic penetrants may be used:
 A. Steel Pipe - Nom 3/4 in. (19.0 mm) diam (or smaller) Schedule 40 (or heavier) steel pipe.
 B. Iron Pipe - Nom 3/4 in. (19.0 mm) diam (or smaller) cast or ductile iron pipe.
 C. Copper Pipe - Nom 1/2 in. (12.7 mm) diam (or smaller) Regulex (or heavier) copper pipe.
 D. Copper Tubing - Nom 1/2 in. (12.7 mm) diam (or smaller) Type L (or heavier) copper tubing.
 E. Conduit - Nom 1/2 in. (12.7 mm) diam (or smaller) steel conduit.
 F. Conduit - Nom 1/2 in. (12.7 mm) diam (or smaller) steel electrical metallic tubing (EMT).

4. Firestop System - The firestop system shall consist of the following:
 A. Packing Material - Min 4 in. (102 mm) thickness of min 1 pcf (64 kg/m³) mineral wool batt insulation flushy packed to openings as a permanent form. Packing material to be recessed from top surface of floor or sleeve or from both surfaces of wall or sleeve as required to accommodate the required thickness of fill material.
 B. Fill Void or Cavity Material - Sealant - Min 1 1/4 in. (31 mm) thickness of fill material applied with in the annulus, flush with top surface of floor or sleeve or with both surfaces of wall or sleeve. At the point or continuous contact locations between penetrant and concrete or sleeve, a min 1 1/4 in. (31 mm) diam bead of fill material shall be applied at the concrete or sleeve/ pipe penetrant interface on the top surface of floor and on both surfaces of wall.
 C. UL LISTED CONSTRUCTION METHODS, IBC/CFR 703.2 - IS-Or Sealant or IS-CHEM-MX in recessed Sealant
 * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

HILTI
Hilti Firestop Systems

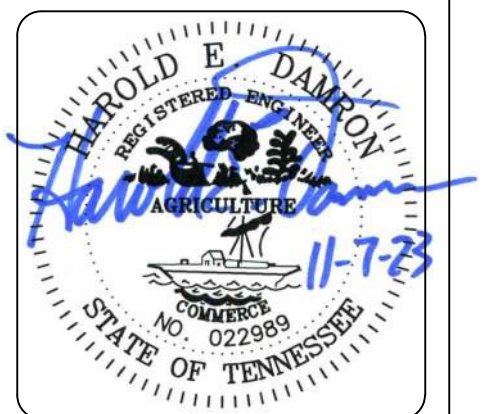
Reproduced by HILTI Inc. Courtesy of Underwriters Laboratories, Inc. January 07, 2015



130 Regional Park Dr.
Kingsport, TN 37660
Phn (423) 349-7760
Fax (423) 349-7413
www.grcinc.com

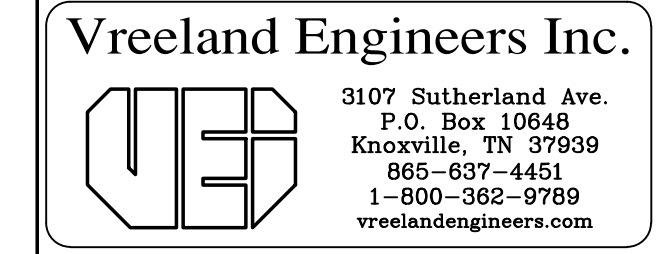
THIS DRAWING AS PREPARED BY GainRashWest Architects SHALL BE USED FOR THE SPECIFIC IDENTIFIED PROJECT ONLY. THIS DRAWING IS THE PROPERTY OF GainRashWest Architects AND SHALL BE RETURNED PER THEIR REQUEST

no.	date	rev. description
1	11-7-23	F5MO COMMENT RESPONSES

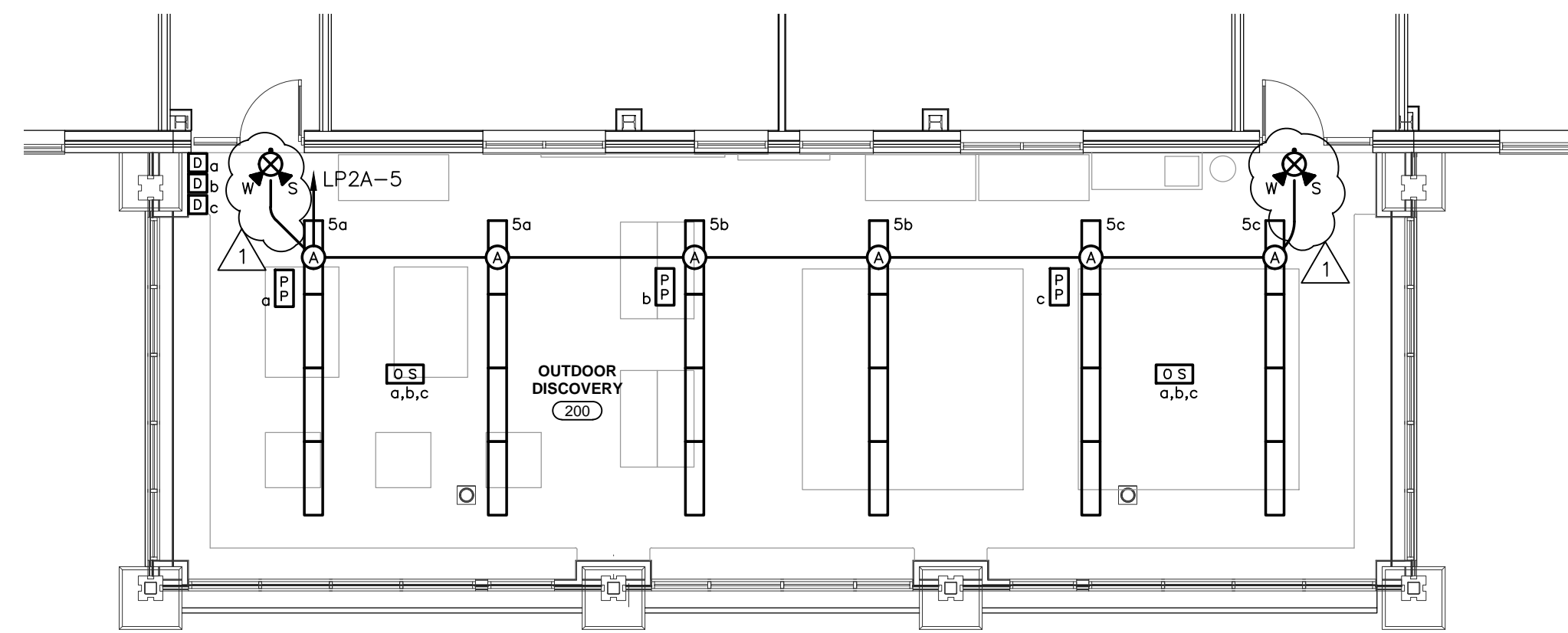


issued	18 OCT. 2023
checked	HED
drawn	VEI
project no.	202335

SCHEDULES, LEGEND, AND DETAILS



E-01



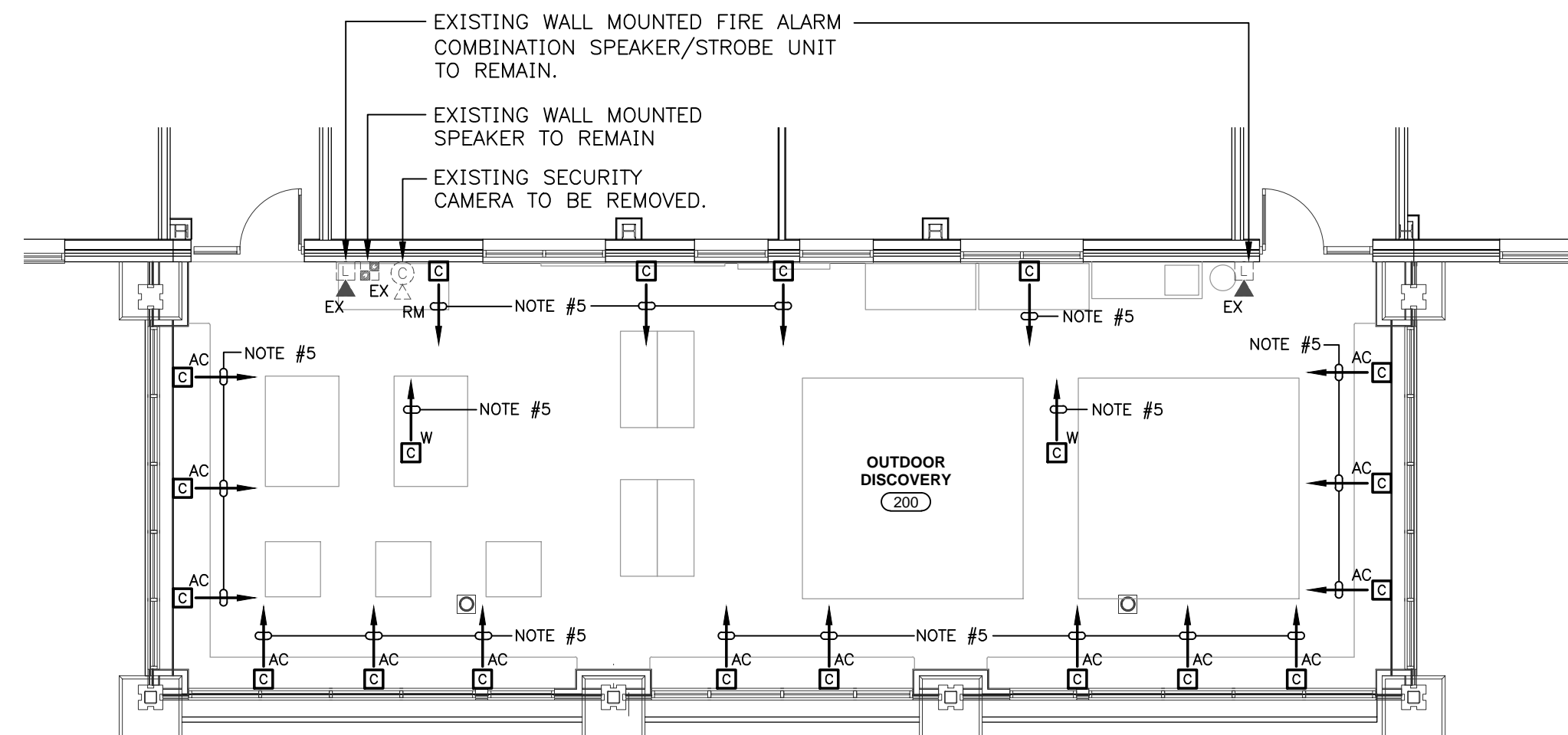
FLOOR PLAN - LIGHTING

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



LIGHTING NOTES:

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL LIGHTING FIXTURES.



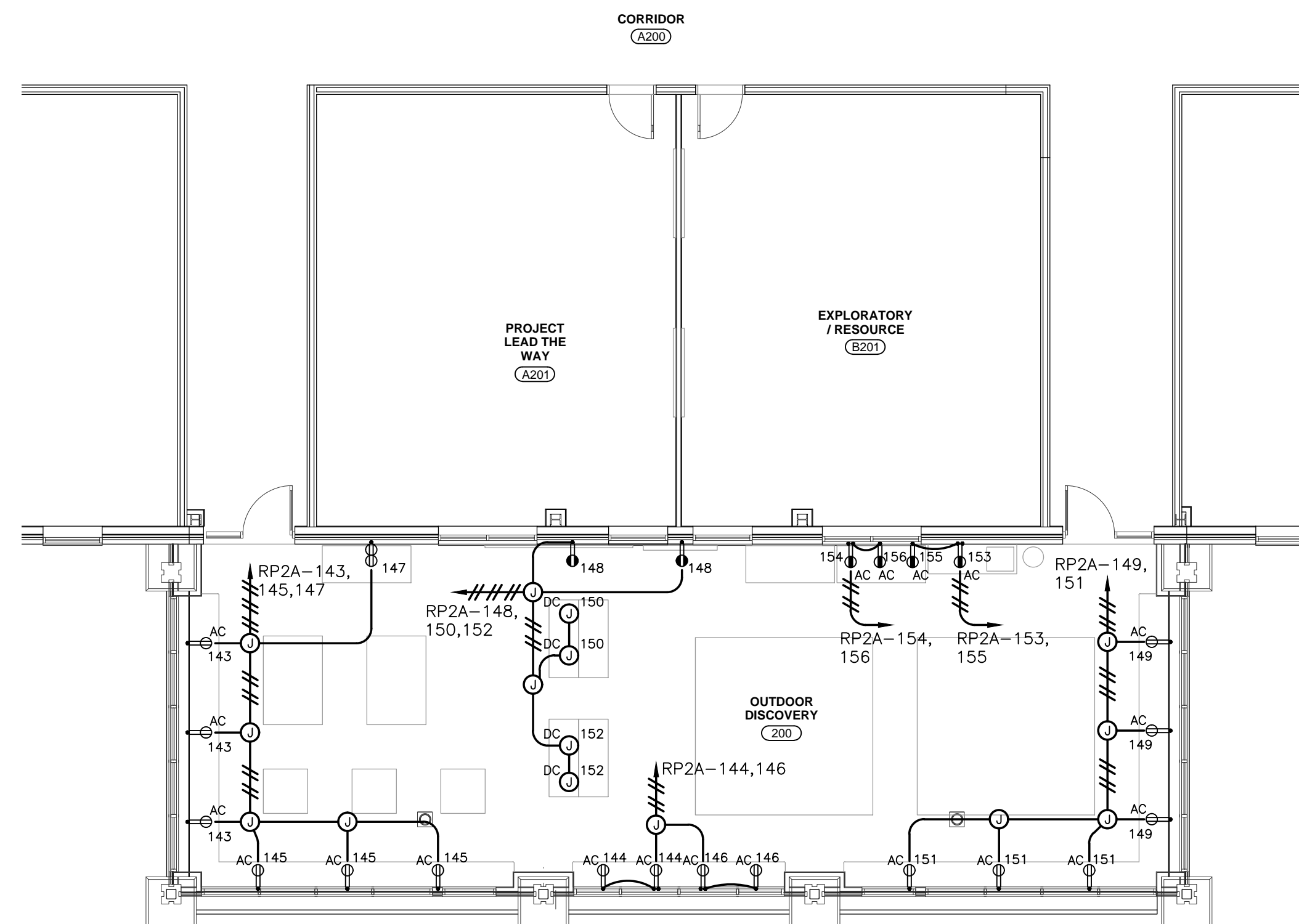
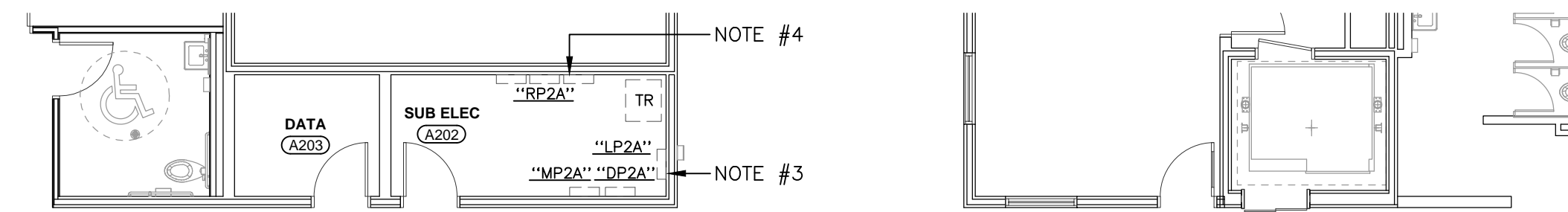
FLOOR PLAN - COMMUNICATIONS

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



COMMUNICATIONS/HVAC WIRING NOTES:

1. RECESSED OUTLET BOXES ON OPPOSITE SIDES OF FIRE RATED PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF AT LEAST 24 INCHES.
2. PRIOR TO BEGINNING CONDUIT INSTALLATION FOR HVAC/PLUMBING EQUIPMENT ELECTRICAL CONTRACTOR SHALL CONFIRM WITH MECHANICAL/PLUMBING CONTRACTOR THE VOLTAGES FOR ALL HVAC/PLUMBING EQUIPMENT REQUIRING ELECTRICAL SERVICE. ELECTRICAL CONTRACTOR SHALL CALL ANY DISCREPANCIES BETWEEN ELECTRICAL DRAWINGS AND VOLTAGE INFORMATION PROVIDED BY MECHANICAL/PLUMBING CONTRACTOR TO THE ATTENTION OF ENGINEER PRIOR TO PROCEEDING WITH WORK.
3. CONFIRM EXACT ROUGH-IN LOCATIONS FOR ALL HVAC/PLUMBING EQUIPMENT WITH MECHANICAL/PLUMBING CONTRACTOR PRIOR TO INSTALLATION OF CONDUIT.
4. "AC" BY DEVICE INDICATES DEVICE TO BE MOUNTED ABOVE COUNTER SUCH THAT BOTTOM OF BOX IS 2" ABOVE COUNTER OR COUNTER BACKSPLASH, AS APPLICABLE. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR COUNTER DETAILS.
5. STUB-OUT 1" EMPTY CONDUIT WITH PULLSTRING TO CORRIDOR.



FLOOR PLAN - POWER

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



POWER NOTES:

1. RECESSED OUTLET BOXES ON OPPOSITE SIDES OF FIRE RATED PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF AT LEAST 24 INCHES.
2. "AC" BY DEVICE INDICATES DEVICE TO BE MOUNTED ABOVE COUNTER SUCH THAT BOTTOM OF BOX IS 2" ABOVE COUNTER OR COUNTER BACKSPLASH, AS APPLICABLE. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR COUNTER DETAILS.
3. EXISTING PANEL, 100A, 277/480, 3-PHASE TO REMAIN. PROVIDE ONE(1) 20 AMP, 1-POLE CIRCUIT BREAKER IN SPARE SPACE FOR NEW LIGHTING CIRCUIT.
4. EXISTING PANEL, 400A, 120/208V., 3-PHASE TO REMAIN. PROVIDE FOURTEEN(14) 20 AMP, 1-POLE CIRCUIT BREAKERS IN SPARE SPACE FOR NEW RECEPTACLES. CIRCUIT NUMBERS SHOWN ON PLANS REPRESENT AVAILABLE "SPACES" PER ORIGINAL CONSTRUCTION DOCUMENTS OF BUILDING. CONFIRM EXACT CIRCUIT NUMBERS IN FIELD. PROVIDE UPDATED TYPEWRITTEN CIRCUIT DIRECTORY WHICH HAS ALL EXISTING CIRCUIT INFORMATION AS WELL AS NEW INFORMATION FOR CHANGES MADE ON THIS PROJECT.
5. "DC" BY J.BOX INDICATES RETRACTABLE POWER CORD, 120 VOLT, 20 AMPERE, SIMILAR AND EQUAL TO DANIEL WOODHEAD CO. INDUSTRIAL DUTY CORD REEL WITH MINIMUM 20'-0" 12/3 RETRACTABLE CORD, RATED 600 VOLT AC. EQUIP EACH CORD REEL WITH 20 AMPERE PENDANT OUTLET BOX WITH NEMA 5-20R DUPLEX RECEPTACLE. CONFIRM EXACT LOCATIONS OF CORD REELS WITH ARCHITECT/OWNER PRIOR TO INSTALLATION. PROVIDE SUITABLE MOUNTING SUPPORT AT CEILING FOR CORD REEL, COORDINATE WITH GC.

no.	date	rev. description
1	11-7-23	SFMO COMMENT RESPONSES



issued	18 OCT. 2023
checked	HED
drawn	VEI
project no.	202335

Sullivan East Middle School
Second Floor Porch Enclosure
Bluff City, Tennessee

TECHNICAL SPECIFICATION TABLE OF CONTENTS

- SECTION 000115 - INDEX OF DRAWINGS

DIVISION 01

- SECTION 002111 – PROSPECTIVE BID LETTER
- SECTION 002112 – INSTRUCTIONS TO BIDDERS
- SECTION 002213 – INVITATION TO BID
- SECTION 004113 – BID FORM
- SECTION 004115 – BID ENVELOPE COVER
- SECTION 006000 – FORMS
- SECTION 006001 – A101-2017 STANDARD FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR
- SECTION 006002 – A201-2017 SUPPLEMENTARY GENERAL CONDITIONS
- SECTION 006003 – A310-2010 BID BOND
- SECTION 006004 – INSURANCE REQUIREMENTS FOR CONSTRUCTION PROJECTS UP TO \$1 MILLION
- SECTION 006005 – SULLIVAN COUNTY COMPLIANCE AFFIDAVITS
- SECTION 011000 – SUMMARY
- SECTION 012100 – ALLOWANCES
- SECTION 012300 – ALTERNATES
- SECTION 012500 – SUBSTITUTION PROCEDURES
- SECTION 012600 – CONTRACT MODIFICATION PROCEDURES
- SECTION 012900 – PAYMENT PROCEDURES
- ~~SECTION 013115 – TRAFFIC PROPERTY AND UTILITY MAINTENANCE~~
- SECTION 013200 – CONSTRUCTION PROGRESS DOCUMENTATION
- SECTION 013300 – SUBMITTAL PROCEDURES
- SECTION 014000 – QUALITY REQUIREMENTS
- SECTION 015000 – TEMPORARY FACILITIES AND CONTROLS
- SECTION 016000 – PRODUCT REQUIREMENTS
- SECTION 017300 - EXECUTION
- SECTION 017310 – CUTTING AND PATCHING
- SECTION 017700 – CLOSEOUT PROCEDURES
- SECTION 017810 – PROJECT RECORD DOCUMENTS
- SECTION 017823 – OPERATION AND MAINTENANCE DATA

DIVISION 02 - EXISTING CONDITIONS

- NOT USED

DIVISION 03- CONCRETE

- SECTION 033000 – CAST-IN-PLACE CONCRETE
- SECTION 035413 – GYPSUM CEMENT UNDERLAYMENT

DIVISION 04- MASONRY

- NOT USED

DIVISION 05- METALS

- STRUCTURAL STEEL

DIVISION 06- WOOD, PLASTICS, AND COMPOSITES

- SECTION 061053 – MISCELLANEOUS ROUGH CARPENTRY

Sullivan East Middle School
Second Floor Porch Enclosure
Bluff City, Tennessee

- SECTION 061600 – SHEATHING
- SECTION 064023 – INTERIOR ARCHITECTURAL WOODWORK

DIVISION 07- THERMAL AND MOISTURE PROTECTION

- SECTION 074100 – PREFORMED METAL WALL SIDING
- SECTION 074213.23 – METAL COMPOSITE MATERIAL WALL PANELS
- SECTION 076200 – SHEET METAL FLASHING AND TRIM
- SECTION 078413 – PENETRATION FIRESTOPPING
- SECTION 079200 – JOINT SEALANTS

DIVISION 08- OPENINGS

- SECTION 084523 – INSULATED TRANSLUCENT FIBERGLASS SANDWICH PANEL WALL SYSTEM
- SECTION 085113 – ALUMINUM WINDOWS
- SECTION 088000 – GLAZING

DIVISION 09- FINISHES

- SECTION 092216 – NON-STRUCTURAL METAL FRAMING
- SECTION 092900 – GYPSUM BOARD
- SECTION 096513 – RESILIENT BASE AND ACCESSORIES
- SECTION 096519 – RESILIENT TILE FLOORING
- SECTION 099123 – INTERIOR PAINTING

DIVISION 10- SPECIALTIES

- NOT USED

DIVISION 11- EQUIPMENT

- NOT USED

DIVISION 12- FURNISHINGS

- NOT USED

DIVISION 13- SPECIAL CONSTRUCTION

- NOT USED

DIVISION 14- CONVEYING EQUIPMENT

- NOT USED

Sullivan East Middle School
Second Floor Porch Enclosure
Bluff City, Tennessee

DIVISION 21- FIRE PROTECTION

- NOT USED
- ~~SECTION 210500 FIRE PROTECTION GENERAL~~
- ~~SECTION 211313 WET PIPE SPRINKLER SYSTEM~~

DIVISION 22- PLUMBING

- SEE DRAWINGS
- ~~SECTION 220500 PLUMBING GENERAL~~
- ~~SECTION 220503 PLUMBING PIPE, TUBE AND FITTINGS~~
- ~~SECTION 220523 GENERAL DUTY VALVES FOR PLUMBING PIPING~~
- ~~SECTION 220529 HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT~~
- ~~SECTION 220553 IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT~~
- ~~SECTION 220700 PLUMBING INSULATION~~

DIVISION 23- HEATING, VENTILATING AND AIR CONDITIONING (HVAC)

- SEE DRAWINGS
- ~~SECTION 230500 COMMON WORK RESULTS FOR HVAC~~
- ~~SECTION 230513 COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT~~
- ~~SECTION 230516 EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING~~
- ~~SECTION 230519 METERS AND GAGES FOR HVAC PIPING~~
- ~~SECTION 230523 GENERAL DUTY VALVES FOR HVAC PIPING~~
- ~~SECTION 230529 HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT~~
- ~~SECTION 230548 VIBRATION AND SEISMIC CONTROLS FOR HVAC PIPING AND EQUIPMENT~~
- ~~SECTION 230553 IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT~~
- ~~SECTION 230593 TESTING, ADJUSTING AND BALANCING FOR HVAC~~
- ~~SECTION 230700 HVAC INSULATION~~
- ~~SECTION 230900 DIRECT DIGITAL CONTROL SYSTEM~~
- ~~SECTION 231123 FACILITY NATURAL GAS PIPING~~
- ~~SECTION 232113 HYDRONIC PIPING~~
- ~~SECTION 232114 PREINSULATED BELOW GRADE PIPING~~
- ~~SECTION 232123 HYDRONIC PUMPS~~
- ~~SECTION 232300 REFRIGERANT PIPING~~
- ~~SECTION 232500 HVAC WATER TREATMENT~~
- ~~SECTION 233113 METAL DUCTS~~
- ~~SECTION 233116 NON METAL DUCTS~~
- ~~SECTION 233300 AIR DUCT ACCESSORIES~~
- ~~SECTION 233423 HVAC POWER VENTILATORS~~
- ~~SECTION 233600 AIR TERMINAL UNITS~~
- ~~SECTION 233713 DIFFUSERS, REGISTERS AND GRILLES~~
- ~~SECTION 233723 HVAC GRAVITY VENTILATORS~~
- ~~SECTION 235216 CONDENSING BOILERS~~
- ~~SECTION 236426 ROTARY SCREW WATER CHILLERS (AIR-COOLED)~~
- ~~SECTION 237200 ENERGY RECOVER UNIT~~
- ~~SECTION 237313 CENTRAL STATION AIR HANDLER~~
- ~~SECTION 237413 PACKAGED, OUTDOOR, CENTRAL STATION AIR HANDLING UNITS~~
- ~~SECTION 238126 SPLIT SYSTEM AIR CONDITIONERS~~

DIVISION 26- ELECTRICAL

- SEE DRAWINGS
- ~~SECTION 260500 COMMON WORK RESULTS FOR ELECTRICAL~~
- ~~SECTION 260519 LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES~~
- ~~SECTION 260523 CONTROL VOLTAGE ELECTRICAL POWER CABLES~~

Sullivan East Middle School
Second Floor Porch Enclosure
Bluff City, Tennessee

- ~~SECTION 260526 — GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS~~
- ~~SECTION 260529 — HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS~~
- ~~SECTION 260533 — RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS~~
- ~~SECTION 260536 — CABLE TRAYS FOR ELECTRICAL SYSTEMS~~
- ~~SECTION 260543 — UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS~~
- ~~SECTION 260548 — VIBRATION AND SEISMIC CONTROLS FOR ELECTRICAL SYSTEMS~~
- ~~SECTION 260553 — IDENTIFICATION FOR ELECTRICAL SYSTEMS~~
- ~~SECTION 260923 — LIGHTING CONTROL DEVICES~~
- ~~SECTION 260943 — RELAY LIGHTING CONTROLS~~
- ~~SECTION 262200 — LOW VOLTAGE TRANSFORMERS~~
- ~~SECTION 262413 — SWITCHBOARDS~~
- ~~SECTION 262416 — PANELBOARDS~~
- ~~SECTION 262726 — WIRING DEVICES~~
- ~~SECTION 262813 — FUSES~~
- ~~SECTION 262816 — ENCLOSED SWITCHES AND CIRCUIT BREAKERS~~
- ~~SECTION 264313 — TRANSIENT VOLTAGE SUPPRESSION FOR LOW VOLTAGE ELECTRICAL POWER CIRCUITS~~
- ~~SECTION 265116 — FLUORESCENT INTERIOR LIGHTING~~
- ~~SECTION 265219 — EMERGENCY AND EXIT LIGHTING~~

DIVISION 27- COMMUNICATIONS

- NOT USED

DIVISION 28- ELECTRONIC SAFETY AND SECURITY

- ~~SECTION 283111 — DIGITAL, ADDRESSABLE FIRE ALARM SYSTEM~~

DIVISION 31- EARTHWORK

- NOT USED

DIVISION 32- EXTERIOR IMPROVEMENTS

- NOT USED

END OF TABLE OF CONTENTS

Sullivan East Middle School
Second Floor Porch Enclosure
Bluff City, Tennessee

SECTION 000115 – INDEX OF DRAWINGS

GENERAL INFORMATION

G-00	COVER SHEET
G-01	GENERAL INFORMATION SHEET
G-12	CODE INFORMATION & LIFE SAFETY

CIVIL / SITE

NOT USED

LANDSCAPE

NOT USED

STRUCTURAL

S-11	FRAMING FLOOR PLAN
S-12	SECTIONS, DETAILS AND GENERAL NOTES

ARCHITECTURAL

A-01	DEMOLITION PLAN
A-10	FLOOR PLAN
A-20	EXTERIOR ELEVATIONS
A-21	EXTERIOR ELEVATIONS
A-31	WALL SECTIONS
A-40	PLAN DETAILS
I-40	CASEWORK

FIRE PROTECTION

NOT USED

PLUMBING

P-11	WASTE AND WATER FLOOR PLAN
------	----------------------------

MECHANICAL

M-11	HVAC FLOOR PLAN
------	-----------------

ELECTRICAL

E-01	ELECTRICAL SCHEDULES, LEGENDS AND DETAILS
E-21	ELECTRICAL FLOOR PLAN

END OF SECTION 000115