



reynoldsburg with walk lights on

REVISION SCHEDULE

#	DATE	REVISION DESCRIPTION
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PROJECT NAME

CML REYNOLDSBURG

1402 BRICE ROAD

100% CONSTRUCTION DOCUMENTS ISSUED FOR BIDDING AND PERMITS

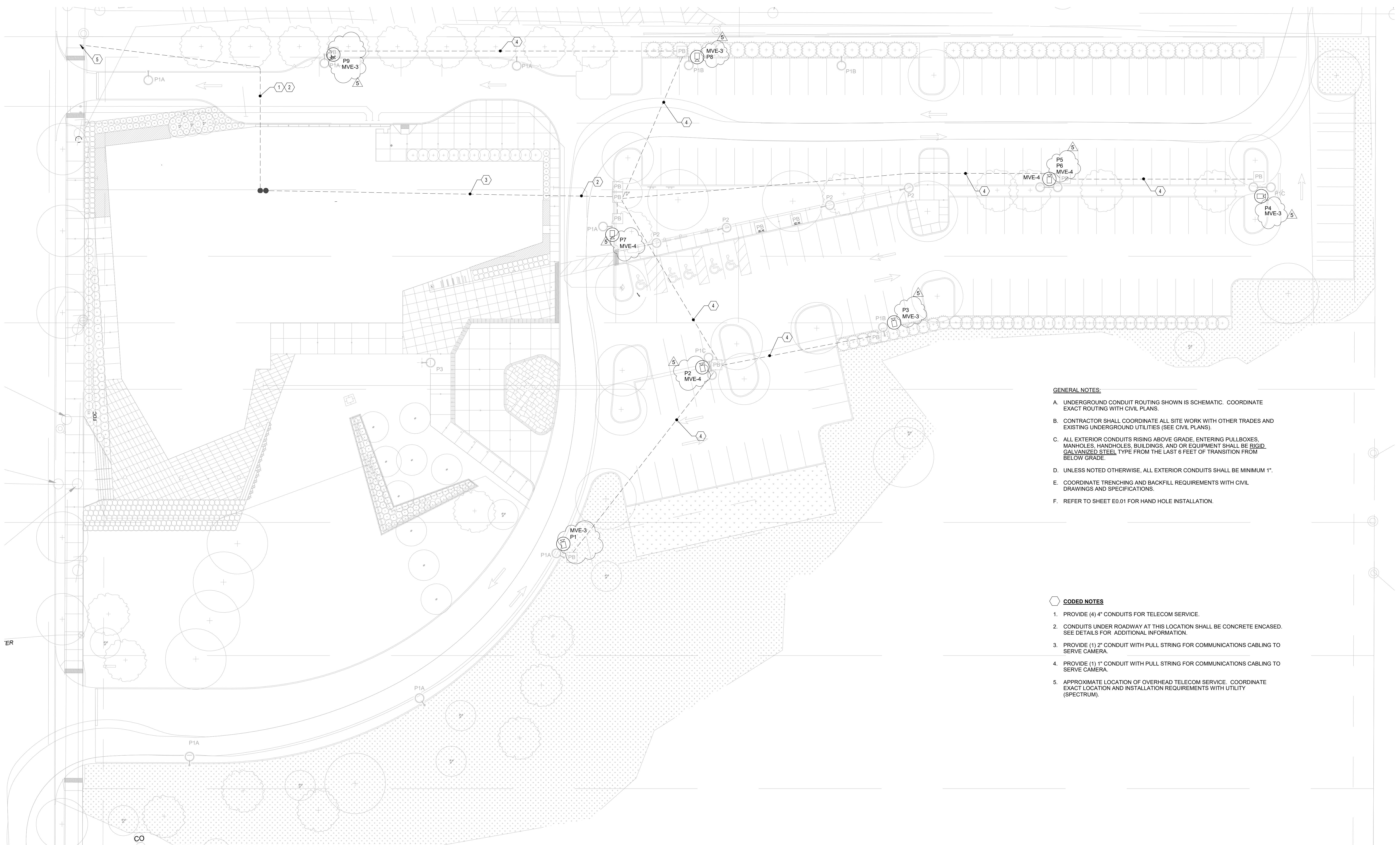
ISSUE DATE : 06/10/22



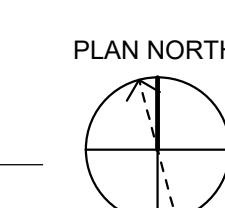
Designer
Date
12/16/2021
Scale
Not to Scale
Drawing No.
Summary

SITE PLAN - ELECTRICAL CALC

E0.01a



1 SITE PLAN - TELECOMMUNICATIONS
1' = 20'-0"



GENERAL NOTES:

- A. UNDERGROUND CONDUIT ROUTING SHOWN IS SCHEMATIC. COORDINATE EXACT ROUTING WITH CIVIL PLANS.
- B. CONTRACTOR SHALL COORDINATE ALL SITE WORK WITH OTHER TRADES AND EXISTING UNDERGROUND UTILITIES (SEE CIVIL PLANS).
- C. ALL EXTERIOR CONDUITS RISING ABOVE GRADE ENTERING PULLBOXES, MANHOLES, HANDHOLES, BUILDINGS, AND OR EQUIPMENT SHALL BE RIGID, GALVANIZED STEEL TYPE FROM THE LAST 6 FEET OF TRANSITION FROM BELOW GRADE.
- D. UNLESS NOTED OTHERWISE, ALL EXTERIOR CONDUITS SHALL BE MINIMUM 1".
- E. COORDINATE TRENCHING AND BACKFILL REQUIREMENTS WITH CIVIL DRAWINGS AND SPECIFICATIONS.
- F. REFER TO SHEET E0.01 FOR HAND HOLE INSTALLATION.

CODED NOTES:

1. PROVIDE (4) 4" CONDUITS FOR TELECOM SERVICE.
2. CONDUITS UNDER ROADWAY AT THIS LOCATION SHALL BE CONCRETE ENCASED. SEE DETAILS FOR ADDITIONAL INFORMATION.
3. PROVIDE (1) 2" CONDUIT WITH PULL STRING FOR COMMUNICATIONS CABLEING TO SERVE CAMERA.
4. PROVIDE (1) 1" CONDUIT WITH PULL STRING FOR COMMUNICATIONS CABLEING TO SERVE CAMERA.
5. APPROXIMATE LOCATION OF OVERHEAD TELECOM SERVICE. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH UTILITY (SPECTRUM).

REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION
5	10.25.22	Bulletin 05

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CML REYNOLDSBURG

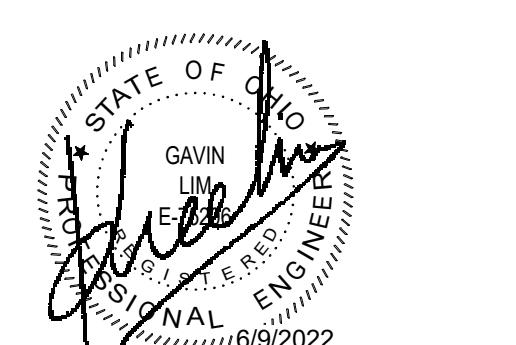
1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068

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SITE PLAN - TELECOMMUNICATIONS

E0.02

GENERAL NOTES:

- A. COORDINATE EXACT LOCATIONS OF DEVICE AND LUMINAIRES WITH ARCHITECTURAL REFLECTED CEILING PLAN AND HVAC PLANS PRIOR TO ROUGH-IN TO AVOID CONFLICTS.
- B. EMERGENCY EGRESS LIGHTING AND EXIT SIGNS SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHES OR CONTROLS WITH A MINIMUM OF #12 AWG CONDUCTORS.
- C. PROVIDE ALL MOUNTING HARDWARE PER MANUFACTURER'S WORKING INSTRUCTIONS TO SUPPORT LUMINAIRE CONTROLLER TO VERIFY MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. LUMINAIRES SHALL NOT BE SUPPORTED BY CEILINGS.
- D. POWER PACKS AND SLAVE PACKS SHALL BE LOCATED WITHIN EACH ROOM ABOVE CEILING ADJACENT TO THE ENTRY DOOR.
- E. NO SHARED NEUTRALS - EACH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR.
- F. STRAIGHT LINES INDICATE LUMINAIRES CIRCUITED TO COMMON CONTROL AND CIRCUIT. ARC LINES INDICATE A COMMON BRANCH BUT SEPARATE CONTROLS CIRCUIT.
- G. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- H. UNLESS NOTED OTHERWISE, LUMINAIRES WITH 0-10V DIMMING DRIVERS SHALL HAVE 0-10V DIMMING CONTROLS WIRED TO LIGHTING CONTROL DEVICE, JUNCTION BOX OR POWER PACK, REGARDLESS OF CONTROLS (DIM OR NONDIM) DEFINED.
- I. UNLESS NOTED OTHERWISE, LIGHTING CONTROLS SHALL SERVE LUMINAIRES IN THE SAME SPACE.
- J. COORDINATE INSTALLATION OF SUSPENDED LUMINAIRES WITH ACUSTIC PANELS. REFER TO ARCHITECTURAL PLANS. PROVIDE BLOCKING/JUNCTION BOXES AS REQUIRED TO MOUNT LUMINAIRES AND CEILING DEVICES.
- K. FIELD COORDINATE ALL SUSPENDED LUMINAIRE MOUNTING WITH CML AND ARCHITECT PRIOR TO ROUGH-IN.
- L. EC TO PROVIDE BAFFLES BAF AS SHOWN ON A1.11.

CODED NOTES:

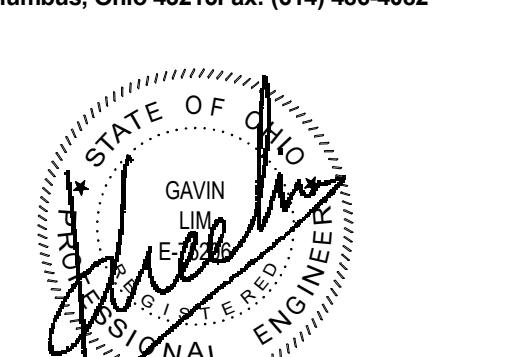
- PARTITION SENSOR, TIE INTO BAS LIGHTING CONTROLLER.
- STEM MOUNT DEVICE (WHERE APPLICABLE). ALL EMERGENCY LIGHTS AND EXIT SIGN SHALL BE SUSPENDED AT EQUAL HEIGHT.
- PROVIDE LOW VOLTAGE OVERRIDE SWITCH FOR AFTER HOURS OF LIGHTING.
- POWER CONNECTION FOR BOOKCASE/ILLUMINATED DISPLAY LIGHTING. REFER TO E4.03 AND ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.
- CONCRETE RECESSED CONTINUOUS LUMINAIRE. COORDINATE MOUNTING AND POWER CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
- IN SLAB JUNCTION BOX FOR ILLUMINATED DISPLAY/BOOKCASE LIGHTING. REFER TO DETAILS.
- PROVIDE 30 WATT EMERGENCY BATTERY. IOTA ILBLP CP30 HE SD HV OR EQUAL. LOCATE WITHIN 25' FIXTURE ABOVE ACCESSIBLE CEILING/IN ACCESSIBLE LOCATION. LOCATE TEST SWITCH IN ACCESSIBLE LOCATION.
- LUMINAIRE WITH MULTIPLE CLUSTERS. PROVIDE POWER CONNECTION TO EACH UNIT.
- IN SLAB JUNCTION BOX FOR ILLUMINATED DISPLAY/BOOKCASE LIGHTING. EXTEND CONDUIT TO ACCESS PANEL AT TOP OF DISPLAY.

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#	DATE	REVISION DESCRIPTION
1	07.05.22	Addendum 01
2	07.11.22	Addendum 03
3	09.16.22	Bulletin 03
5	10.25.22	Bulletin 05

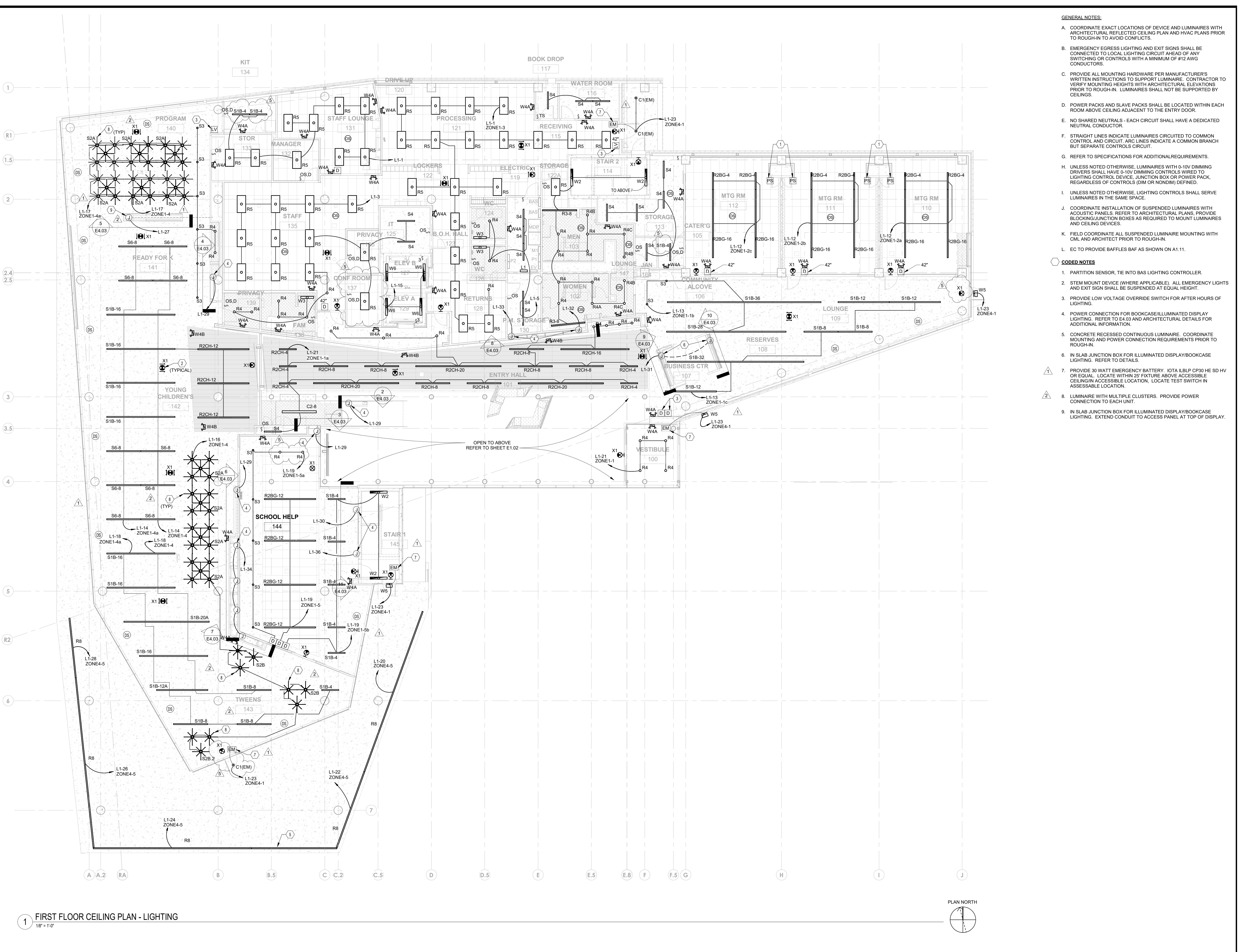
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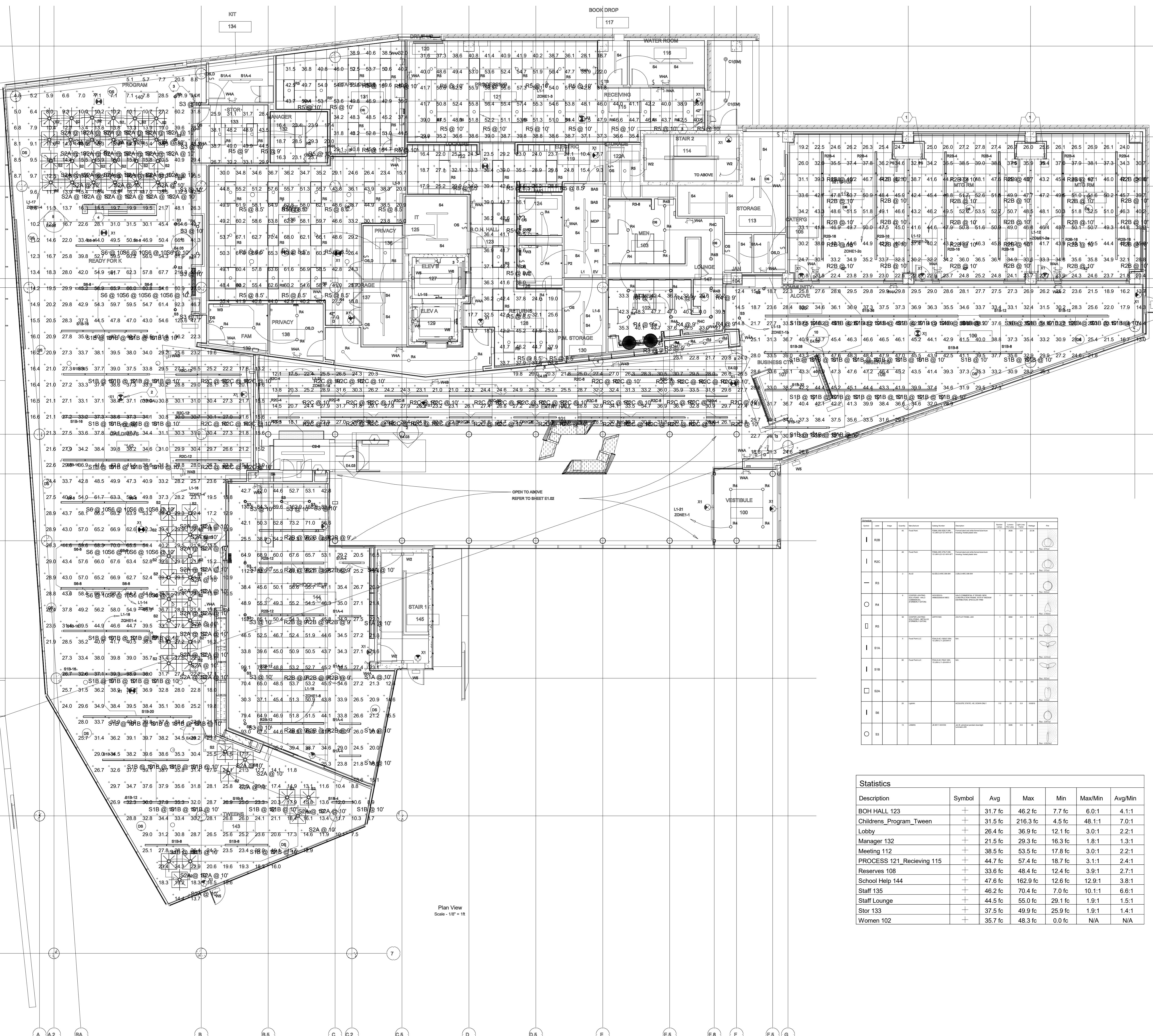
CML REYNOLDSBURG1402 BRICE ROAD
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LEVEL 1 LIGHTING PLAN

E1.01



Revision Schedule							
#	Date	Revision Description					
1							
2							
3							
4							
5							
6							
7							

Statistics							
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	
BOH HALL 123	+	31.7 fc	46.2 fc	7.7 fc	6.0:1	4.1:1	
Childrens_Program_Tween	+	31.5 fc	216.3 fc	4.5 fc	48.1:1	7.0:1	
Lobby	+	26.4 fc	36.9 fc	12.1 fc	3.0:1	2.2:1	
Manager 132	+	21.5 fc	29.3 fc	16.3 fc	1.8:1	1.3:1	
Meeting 112	+	38.5 fc	53.5 fc	17.8 fc	3.0:1	2.2:1	
PROCESS 121_Recieving 115	+	44.7 fc	57.4 fc	18.7 fc	3.1:1	2.4:1	
Reserves 108	+	33.6 fc	48.4 fc	12.4 fc	3.9:1	2.7:1	
School Help 144	+	47.6 fc	162.9 fc	12.6 fc	12.9:1	3.8:1	
Staff 135	+	46.2 fc	70.4 fc	7.0 fc	10.1:1	6.6:1	
Staff Lounge	+	44.5 fc	55.0 fc	29.1 fc	1.9:1	1.5:1	
Stor 133	+	37.5 fc	49.9 fc	25.9 fc	1.9:1	1.4:1	
Women 102	+	35.7 fc	48.3 fc	0.0 fc	N/A	N/A	

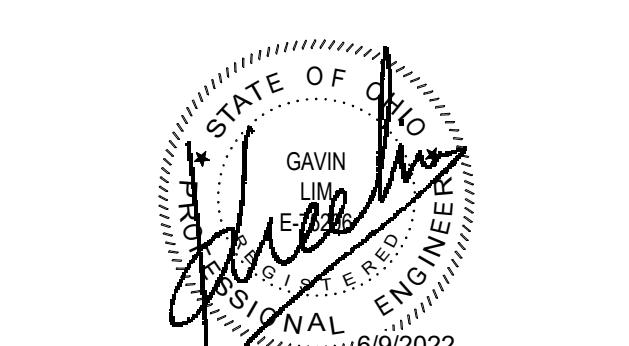
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LEVEL 1 LIGHTING PLAN CALC

E1.01a

GENERAL NOTES:

- A. COORDINATE EXACT LOCATIONS OF DEVICE AND LUMINAIRES WITH ARCHITECTURAL REFLECTED CEILING PLAN AND HVAC PLANS PRIOR TO ROUGH-IN TO AVOID CONFLICTS.
- B. EMERGENCY EGRESS LIGHTING AND EXIT SIGNS SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHES OR CONTROLS WITH A MINIMUM OF #12 AWG CONDUCTORS.
- C. PROVIDE ALL MOUNTING HARDWARE PER MANUFACTURER'S WORKING INSTRUCTIONS TO SUPPORT LUMINAIRES. REFER TO VERIFY MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. LUMINAIRES SHALL NOT BE SUPPORTED BY CEILINGS.
- D. POWER PACKS AND SLAVE PACKS SHALL BE LOCATED WITHIN EACH ROOM ABOVE CEILING ADJACENT TO THE ENTRY DOOR.
- E. NO SHARED NEUTRALS - EACH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR.
- F. STRAIGHT LINES INDICATE LUMINAIRES CIRCUITED TO COMMON CONTROL AND CIRCUIT. ARC LINES INDICATE A COMMON BRANCH BUT SEPARATE CONTROLS CIRCUIT.
- G. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- H. UNLESS NOTED OTHERWISE, LUMINAIRES WITH 0-10V DIMMING DRIVERS SHALL HAVE 0-10V DIMMING CONTROLS WIRED TO LIGHTING CONTROL DEVICE, JUNCTION BOX OR POWER PACK, REGARDLESS OF CONTROLS (DIM OR NONDIM) DEFINED.
- I. UNLESS NOTED OTHERWISE, LIGHTING CONTROLS SHALL SERVE LUMINAIRES IN THE SAME SPACE.
- J. REFER TO SPECIFICATION SECTION 265600 "LIGHTING SYSTEM" FOR LUMINAIRE SCHEDULE.
- K. COORDINATE INSTALLATION OF SUSPENDED LUMINAIRES WITH ACUSTIC PANELS. REFER TO ARCHITECTURAL PLANS. PROVIDE BLOCKING/JUNCTION BOXES AS REQUIRED TO MOUNT LUMINAIRES AND CEILING DEVICES.
- L. REFER TO SHEET E601 FOR LIGHTING CONTROL SCHEDULE.
- M. COORDINATE ALL MOUNTING LOCATIONS AND HEIGHTS WITH ARCHITECT AND LIGHTING DESIGNER PRIOR TO ROUGH-IN.
- N. EC TO PROVIDE BAFFLES BAF AS SHOWN ON A1.12.

CODED NOTES

1. STEM MOUNT DEVICE (WHERE APPLICABLE). ALL EMERGENCY LIGHTS AND EXIT SIGN SHALL BE SUSPENDED AT EQUAL HEIGHT.
2. PROVIDE LOW VOLTAGE OVERRIDE SWITCH FOR AFTER HOURS OF LIGHTING.
3. COORDINATE REMOTE DRIVER LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
4. FIBER OPTIC FIXTURE "RGB" LIGHTING IN THIS AREA. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION. COORDINATE RGB CONTROLLER LOCATION WITH ARCHITECT/OWNER.
5. POWER CONNECTION FOR BOOKCASE/ILLUMINATED DISPLAY LIGHTING. REFER TO E4.03 AND ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION.
6. PROVIDE STAIR LIGHT AT MID LANDING. REFER TO ARCHITECTURAL ELEVATIONS.
7. IN THIS ROOM DEVICES AND WALL PLATE FINISHES SHALL BE SELECTED BY ARCHITECT.

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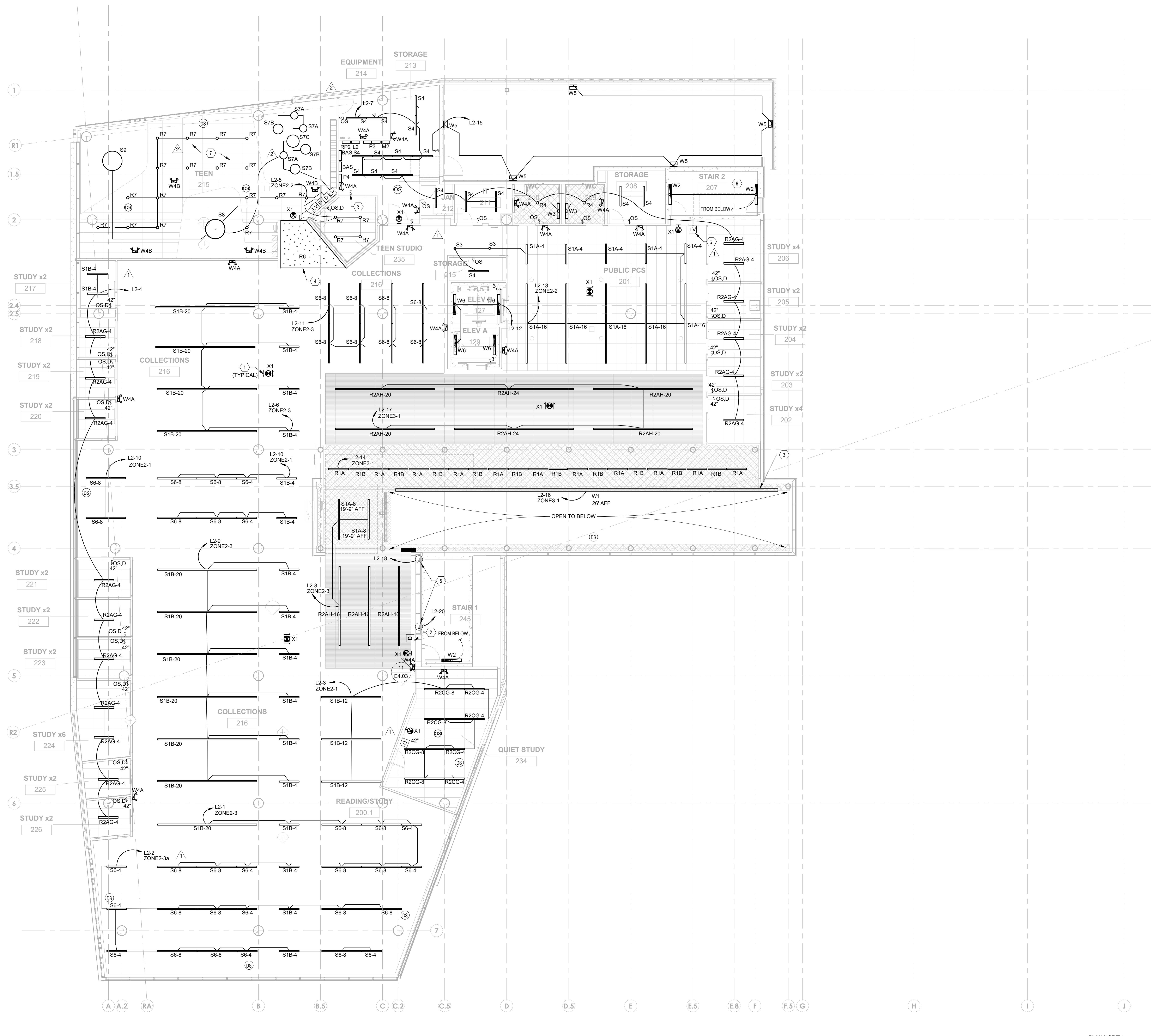
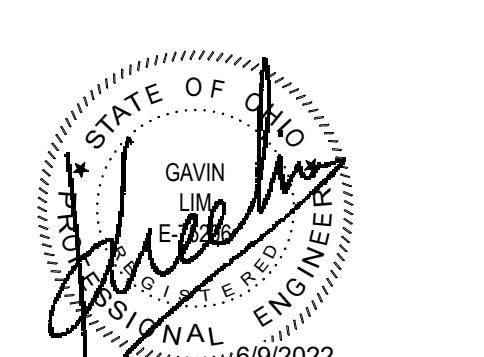
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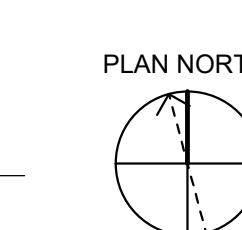
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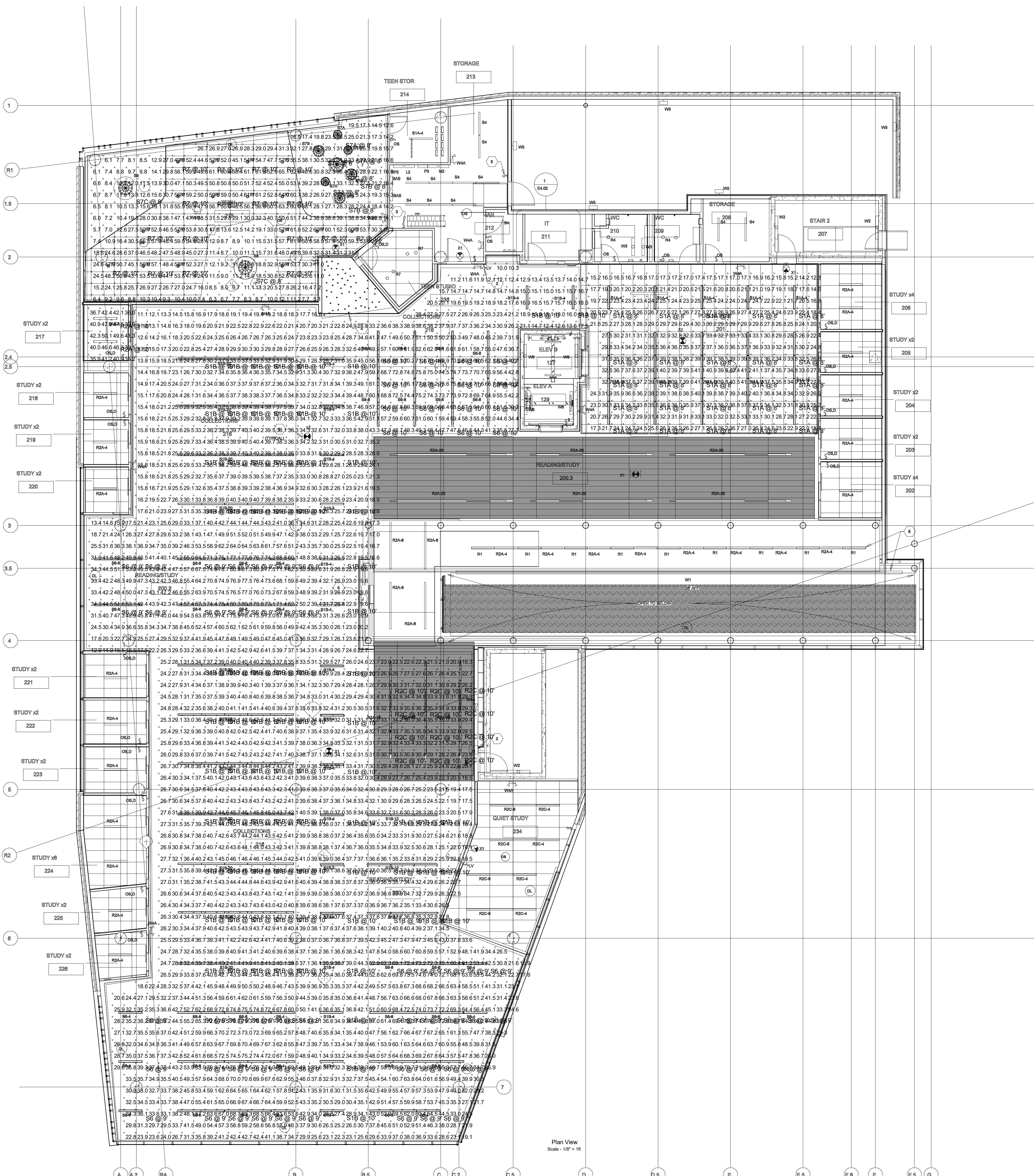


1 SECOND FLOOR CEILING PLAN - LIGHTING



LEVEL 2 LIGHTING PLAN

E1.02



Schedule													
Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	PL	Max:	
	R2A		2	Focal Point	FSM4L-BW-1000LF-35K-1C-UNV-LD1-G1-WH 4FT	Formed steel and white formed aluminum housing, frosted plastic lens	1	4277	0.9	37.29		1423	
	R2B		0	Focal Point	FSM4L-BW-625LF-35K-1C-UNV-LD1-G1-WH 4FT	Formed steel and white formed aluminum housing, frosted plastic lens	1	2629	0.9	22.38		8740	
	R2C		12	Focal Point	FSM4L-BW-275LF-35K-1C-UNV-LD1-G1-WH 4FT	Formed steel and white formed aluminum housing, frosted plastic lens	1	1123	0.9	10.11		3730	
○	R7		17	3G LIGHTING TORONTO, ONTARIO	3G-DL33RF70-22-S80-35K-40D	3.3" ROUND FIXED 70mm DOWNLIGHT. WITH ANODIZED ALUMINUM REFLECTOR	1	2003	0.9	21.9		3408	
	S1A		25	Focal Point LLC	FDALS-AC-1000LF-35K-1C-UNV-L11-J24-WH 4'	N/A	2	1920	0.9	38.2		1231	
	S1B		82	Focal Point LLC	FDALS-AC-750LF-35K-1C-UNV-L11-J24-WH 4'	N/A	2	1440	0.9	27.22		930	
○	S2A		0	OCL ORIGINAL CAST LIGHTING INC - ST. LOUIS, MO	KW3-P1FK-36-MW-WTP-GYA-LED2_35K-ND-UNV-36-DM1	4-24LED 11.75"ARRAY KWYET PENDANT 3"DIA ACRYLIC LENS 14 GRAY .5"ACOUSTIC FINS OPTOTRONIC #OT25W/PRG1250C/UNV/DIM-1 @ 200mA(BODY)	1	823	0.9	9		91cc	
○	S2B		0	OCL ORIGINAL CAST LIGHTING INC - ST. LOUIS, MO	KW3-P1FK-36-MW-WTP-GYA-LED1_35K-WF-LED1_35K-UNV-36-DM1	4-24LED 11.75"ARRAY KWYET PENDANT 3"DIA WHITE ACRYLIC LENS 14 GRAY .5"ACOUSTIC FINS & BRIDGELUX V13 GENT DOWNLIGHT w/FROST LENS & 60DEG SEMI-SPEC REFLECTOR OPTOTRONIC #OT25W/PRG1250C/UNV/DIM-1 OPTOTRONIC #OT25W/PRG1250C/UNV/DIM-1 (@370mA(DL))	1	2034	0.9	21		222	
	S4		0	COOPER LIGHTING SOLUTIONS - METALUX (FORMERLY EATON)	4SNLED-LD5-47SL-LW-UNV-L840-CD1-U	LED STRIP LIGHT - SNLED SERIES 4FOOT	1	5056	0.9	42.8		1222	
	S6		65	LightArt		ACOUSTIC STATIC, HE, DOWN ONLY	112	23	0.9	18.6816		1097	
●	S7A		3	SPI Lighting Inc. 10400 N Enterprise Drive, Mequon, WI 53092 *** PRORATED BY SPI LIGHTING, INC. *** Operating at 120v AC and 60 Hz.			168	11	0.9	22		1640	
●	S7B		3	SPI Lighting Inc. 10400 N Enterprise Drive, Mequon, WI 53092 *** PRORATED BY SPI LIGHTING, INC. *** Operating at 120v AC and 60 Hz.			168	14	0.9	29		2160	
●	S7C		3	SPI Lighting Inc. 10400 N Enterprise Drive, Mequon, WI 53092 *** PRORATED BY SPI LIGHTING, INC. *** Operating at 120v AC and 60 Hz.			168	18	0.9	36		2690	

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/M
Public PCS 201	+	29.4 fc	41.3 fc	12.3 fc	3.4:1	2.4:
Study x2	+	42.1 fc	50.1 fc	35.2 fc	1.4:1	1.2:
COLLECTIONS	+	39.6 fc	81.3 fc	10.0 fc	8.1:1	4.0:
TEEN 215	+	31.6 fc	65.1 fc	5.1 fc	12.8:1	6.2:

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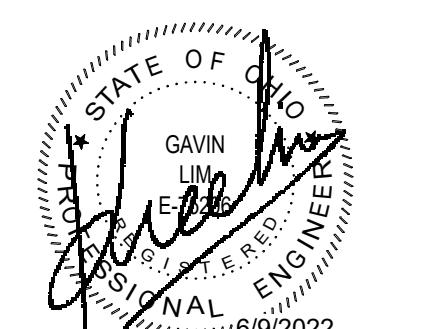
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GENERAL NOTES:

- A. FIELD VERIFY EXACT LOCATIONS OF ALL RECEPTACLES AND EQUIPMENT. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION WORK TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN DIVISION 26.
- B. COORDINATE ALL ROUGH-IN REQUIREMENTS OF DEVICES AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- C. UNLESS NOTED OTHERWISE, ALL CABLING SHALL BE IN CONDUIT ROUTED PARALLEL AND TIGHT TO BUILDING STRUCTURE.
- D. PROVIDE FINAL CONNECTIONS AS SHOWN TO ALL EQUIPMENT SHOWN PER MANUFACTURER'S PUBLISHED INSTRUCTION.
- E. COORDINATE DEVICE COLOR SELECTIONS WITH ARCHITECT AND OWNER.
- F. REFER TO MECHANICAL SCHEDULE SHEETS M6.01 AND M6.02 FOR ADDITIONAL INFORMATION.
- G. COORDINATE FINAL FLOOR BOX LOCATION WITH ARCHITECTURAL FURNITURE PLANS.
- H. PROVIDE ELECTRICAL SHOCK WARNING LABEL FOR MECHANICAL FC UNITS. *WARNING, LIVE ELECTRICAL PARTS WITHIN. REFER TO SPECIFICATIONS.

CODED NOTES:

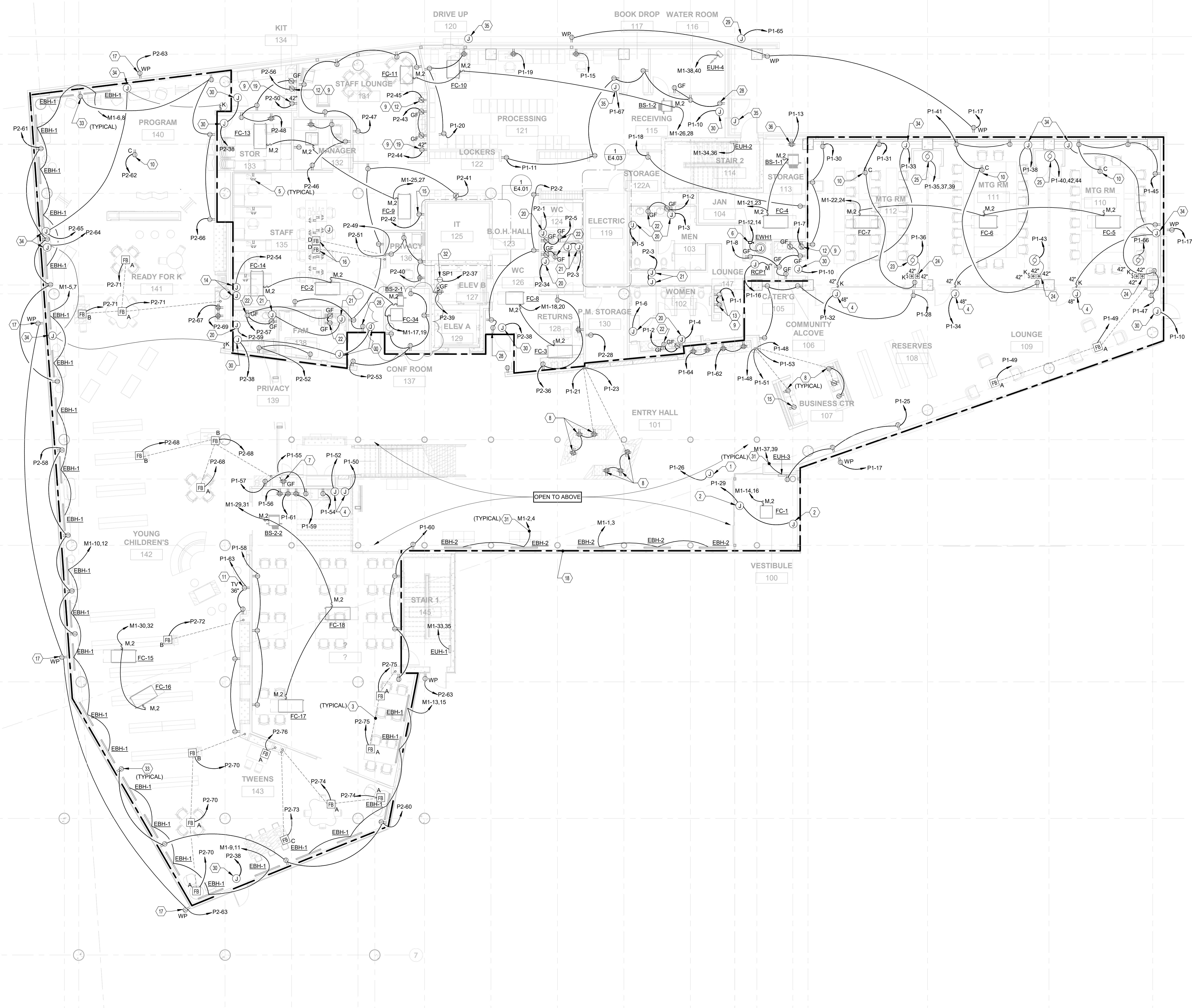
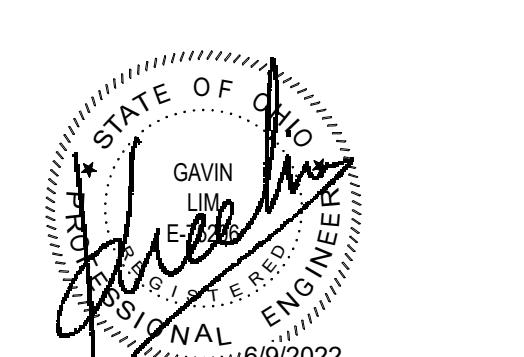
1. PROVIDE POWER CONNECTION FOR BOOK SECURITY SYSTEM. ROUTE HOMERUN IN SLAB TO NEAREST WALL.
2. PROVIDE POWER CONNECTION TO AUTOMATIC DOOR OPERATOR. MAKE FINAL CONNECTIONS TO PUSH BUTTONS.
3. INSTALL CONDUIT PATHWAY IN-SLAB TO NEARBY WALL AS SHOWN FOR HOMERUN. INSTALL 1" CONDUIT FOR POWER AND 1-1/4" CONDUIT FOR LOW VOLTAGE OR FUTURE USE ALONG EACH PATH.
4. JUNCTION BOX FOR POWER CONNECTION TO ROOM SCHEDULER. PROVIDE 1/2" CONDUIT STUBBED UP 3" ABOVE ACCESSIBLE CEILING.
5. RECEPTACLES SHOWN DASHED ARE INTEGRAL WITH FURNITURE AND SHOWN FOR REFERENCE ONLY.
6. EWH1: ELECTRIC WATER HEATER (208V, 1PH). PROVIDE 60A/2P NON-FUSED DISCONNECT SWITCH.
7. PROVIDE RECEPTACLE FOR AQUARIUM.
8. MOUNT RECEPTACLES CONCEALED INSIDE CASEWORK. PROVIDE IN-SLAB CONDUIT FOR HOMERUN.
9. CIRCUIT TO GFCI BREAKER AND LABEL RECEPTACLE "GFCI PROTECTED".
10. PROVIDE CEILING MOUNTED RECEPTACLE FOR CEILING PROJECTOR.
11. RECEPTACLE FOR LED MEDIA DISPLAY.
12. RECEPTACLE FOR MICROWAVE.
13. RECEPTACLE FOR ELECTRIC WATER COOLER.
14. PROVIDE 4" X 4" X 2-5/8" DEEP JUNCTION BOX IN WALL FOR POWER AND DATA CONNECTIONS TO SYSTEM FURNITURE. MAKE FINAL CONNECTIONS VIA LIQUIDTIGHT FLEXIBLE CONDUIT. COORDINATE QUANTITY AND LOCATION WITH CML PRIOR TO ROUGH-IN. RECEPTACLES SHOWN DASHED ARE INTEGRAL WITH FURNITURE AND SHOWN FOR REFERENCE ONLY.
15. RECEPTACLE FOR COPIER.
16. PROVIDE FLOORBOX FOR POWER AND DATA CONNECTIONS TO SYSTEM FURNITURE.
17. MOUNT RECEPTACLE HORIZONTALLY 3" BELOW WINDOW SILL.
18. ALL RECEPTACLES IN THIS AREA SHALL BE TAMPER RESISTANT TYPE.
19. RECEPTACLE FOR REFRIGERATOR.
20. JUNCTION BOX FOR POWER CONNECTION TO HAND DRYER.
21. JUNCTION BOX FOR POWER CONNECTION TO LOW VOLTAGE FLUSH VALVE TRANSFORMER.
22. RECEPTACLE BELOW SINK FOR AUTOMATIC FAUCET POWER.
23. OVERHEAD DOOR OPERATOR. SIDE MOUNT ON WALL AT 120' A.F.F.. PROVIDE LOW VOLTAGE CABLE WITH #24 AWG MINIMUM IN 1/2" CONDUIT TO SAFETY SENSORS AT LOWER EDGES OF DOOR. REFER TO ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
24. WALL MOUNTED OVERHEAD DOOR CONTROLLER PROVIDED BY DOOR SUPPLIER AND INSTALLED BY E.C. MAKE FINAL CONNECTIONS TO DOOR OPERATOR.
25. PROVIDE POWER CONNECTION TO MOTORIZED MOBILE PARTITION (208V, 3PH) AND CONTROLS. MAKE FINAL CONNECTIONS TO CONTROLS AS INDICATED IN CODED NOTES 26 AND 27. FIELD VERIFY EXACT REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN.
26. PUSH BUTTON SWITCH FOR MOTORIZED MOBILE PARTITION FOR SAFETY OPERATIONS.
27. KEY SWITCH FOR MOTORIZED MOBILE PARTITION TO ACTIVATE THE SYSTEM. MOUNT AT 42" A.F.F. NEXT TO PUSH BUTTON SWITCH AS INDICATED IN CODED NOTE 26.
28. JUNCTION BOX FOR SECURITY MONITOR. MOUNT RECEPTACLE ABOVE DOOR.
29. JUNCTION BOX FOR POWER CONNECTION TO SPRINKLER ALARM BELL.
30. JUNCTION BOX FOR POWER CONNECTION TO DOOR HARDWARE POWER SUPPLY.
31. PROVIDE POWER CONNECTION THROUGH INTEGRAL DISCONNECT SWITCH.
32. RECEPTACLE FOR SUMP PUMP SP1 (120V, 1PH).
33. DEVICES ON THIS WALL SHALL BE MOUNTED HORIZONTALLY 3" BELOW WINDOW SILL.
34. PROVIDE POWER CONNECTION TO MOTORIZED SHADE AND WIRE TO SWITCH (BY SHADE MANUFACTURER). PROVIDE #18 AWG TWISTED PAIR CONDUCTORS TO BAS PANEL SYSTEM.
35. PROVIDE DOORBELL/BUTTONS. FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN. BASIS OF DESIGN IS ZENITH SL-27102.
36. RECEPTACLE FOR A/V RACK. MOUNT AT 42" AFF. FIELD COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.

REVISION SCHEDULE		
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1	07.05.22	Addendum 01
5	10.25.22	Bulletin 05

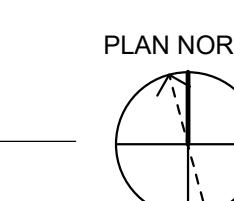
PROJECT NAME :

CML REYNOLDSBURG1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068100% CONSTRUCTION DOCUMENTS
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ISSUE DATE : 06/10/22

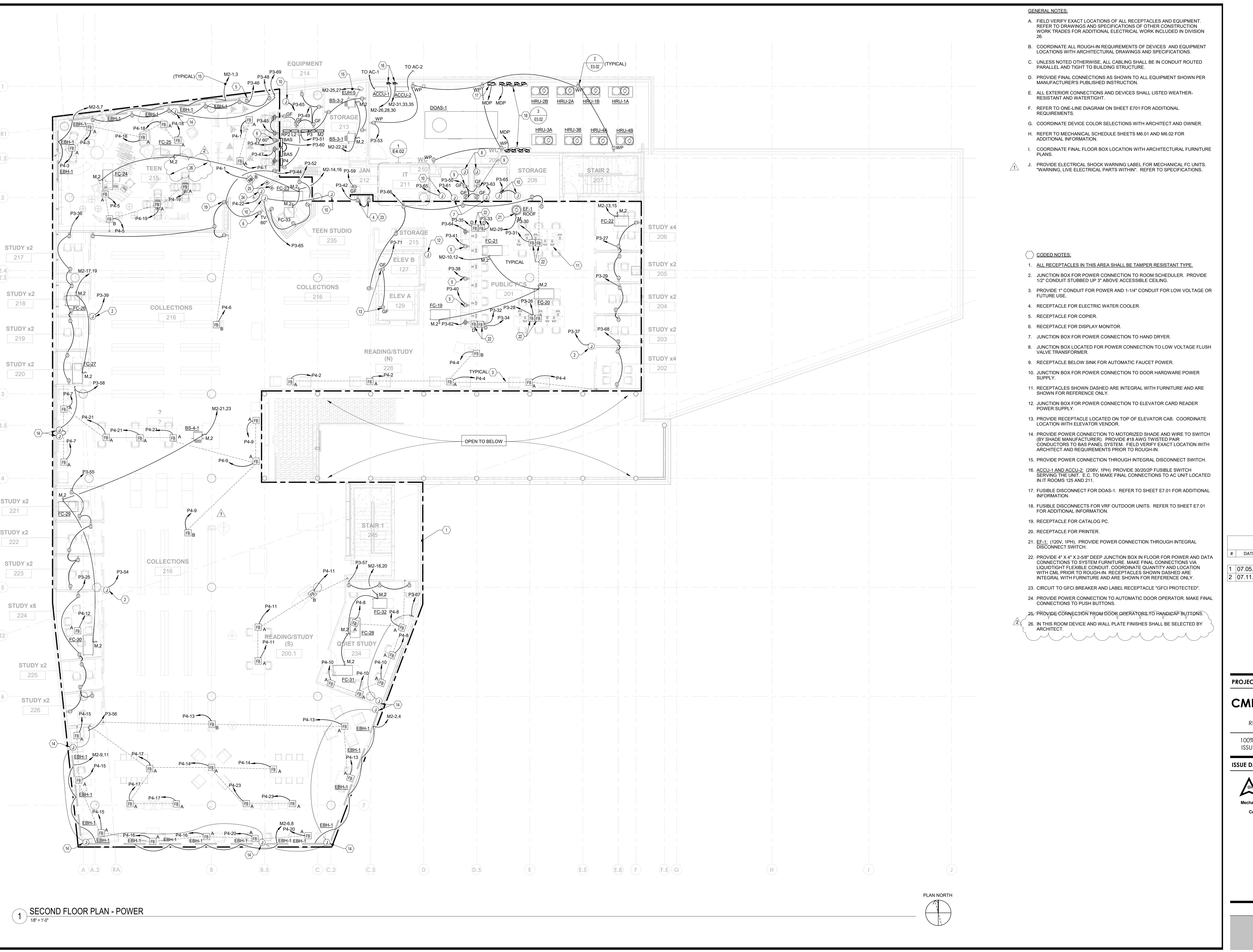
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FIRST FLOOR PLAN - POWER



LEVEL 1 POWER PLAN

E2.01



- A. FIELD VERIFY EXACT LOCATIONS OF ALL RECEPTACLES AND EQUIPMENT. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION WORK TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN DIVISION 26.
 - B. COORDINATE ALL ROUGH-IN REQUIREMENTS OF DEVICES AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
 - C. UNLESS NOTED OTHERWISE, ALL CABLING SHALL BE IN CONDUIT ROUTED PARALLEL AND TIGHT TO BUILDING STRUCTURE.
 - D. PROVIDE FINAL CONNECTIONS AS SHOWN TO ALL EQUIPMENT SHOWN PER MANUFACTURER'S PUBLISHED INSTRUCTION.
 - E. ALL EXTERIOR CONNECTIONS AND DEVICES SHALL LISTED WEATHER-RESISTANT AND WATERTIGHT.
 - F. REFER TO ONE-LINE DIAGRAM ON SHEET E701 FOR ADDITIONAL REQUIREMENTS.
 - G. COORDINATE DEVICE COLOR SELECTIONS WITH ARCHITECT AND OWNER.
 - H. REFER TO MECHANICAL SCHEDULE SHEETS M6.01 AND M6.02 FOR ADDITIONAL INFORMATION.

COORDINATE FINAL FLOOR BOX LOCATION WITH ARCHITECTURAL FURNITURE PLANS.

 - I. PROVIDE ELECTRICAL SHOCK WARNING LABEL FOR MECHANICAL FC UNITS. "WARNING, LIVE ELECTRICAL PARTS WITHIN". REFER TO SPECIFICATIONS.

〉 CODED NOTES:

- 1. ALL RECEPTACLES IN THIS AREA SHALL BE TAMPER RESISTANT TYPE.
 - 2. JUNCTION BOX FOR POWER CONNECTION TO ROOM SCHEDULER. PROVIDE 1/2" CONDUIT STUBBED UP 3" ABOVE ACCESSIBLE CEILING.
 - 3. PROVIDE 1" CONDUIT FOR POWER AND 1-1/4" CONDUIT FOR LOW VOLTAGE OR FUTURE USE.
 - 4. RECEPTACLE FOR ELECTRIC WATER COOLER.
 - 5. RECEPTACLE FOR COPIER.
 - 6. RECEPTACLE FOR DISPLAY MONITOR.
 - 7. JUNCTION BOX FOR POWER CONNECTION TO HAND DRYER.
 - 8. JUNCTION BOX LOCATED FOR POWER CONNECTION TO LOW VOLTAGE FLUSH VALVE TRANSFORMER.
 - 9. RECEPTACLE BELOW SINK FOR AUTOMATIC FAUCET POWER.
 - 10. JUNCTION BOX FOR POWER CONNECTION TO DOOR HARDWARE POWER SUPPLY.
 - 11. RECEPTACLES SHOWN DASHED ARE INTEGRAL WITH FURNITURE AND ARE SHOWN FOR REFERENCE ONLY.
 - 12. JUNCTION BOX FOR POWER CONNECTION TO ELEVATOR CARD READER POWER SUPPLY.
 - 13. PROVIDE RECEPTACLE LOCATED ON TOP OF ELEVATOR CAB. COORDINATE LOCATION WITH ELEVATOR VENDOR.
 - 14. PROVIDE POWER CONNECTION TO MOTORIZED SHADE AND WIRE TO SWITCH (BY SHADE MANUFACTURER). PROVIDE #18 AWG TWISTED PAIR CONDUCTORS TO BAS PANEL SYSTEM. FIELD VERIFY EXACT LOCATION WITH ARCHITECT AND REQUIREMENTS PRIOR TO ROUGH-IN.
 - 15. PROVIDE POWER CONNECTION THROUGH INTEGRAL DISCONNECT SWITCH.
 - 16. ACCU-1 AND ACCU-2: (208V, 1PH) PROVIDE 30/20/2P FUSIBLE SWITCH SERVING THE UNIT. E.C. TO MAKE FINAL CONNECTIONS TO AC UNIT LOCATED IN IT ROOMS 125 AND 211.
 - 17. FUSIBLE DISCONNECT FOR DOAS-1. REFER TO SHEET E7.01 FOR ADDITIONAL INFORMATION.
 - 18. FUSIBLE DISCONNECTS FOR VRF OUTDOOR UNITS. REFER TO SHEET E7.01 FOR ADDITIONAL INFORMATION.
 - 19. RECEPTACLE FOR CATALOG PC.
 - 20. RECEPTACLE FOR PRINTER.
 - 21. EF-1: (120V, 1PH). PROVIDE POWER CONNECTION THROUGH INTEGRAL DISCONNECT SWITCH.
 - 22. PROVIDE 4" X 4" X 2-5/8" DEEP JUNCTION BOX IN FLOOR FOR POWER AND DATA CONNECTIONS TO SYSTEM FURNITURE. MAKE FINAL CONNECTIONS VIA LIQUIDTIGHT FLEXIBLE CONDUIT. COORDINATE QUANTITY AND LOCATION WITH CML PRIOR TO ROUGH-IN. RECEPTACLES SHOWN DASHED ARE INTEGRAL WITH FURNITURE AND ARE SHOWN FOR REFERENCE ONLY.
 - 23. CIRCUIT TO GFCI BREAKER AND LABEL RECEPTACLE "GFCI PROTECTED".
 - 24. PROVIDE POWER CONNECTION TO AUTOMATIC DOOR OPERATOR. MAKE FINAL CONNECTIONS TO PUSH BUTTONS.
 - 25. PROVIDE CONNECTION FROM DOOR OPERATORS TO HANDICAP BUTTONS.
 - 26. IN THIS ROOM DEVICE AND WALL PLATE FINISHES SHALL BE SELECTED BY ARCHITECT.

REVISION SCHEDULE	
DATE	REVISION DESCRIPTION
07.05.22	Addendum 01
07.11.22	Addendum 03

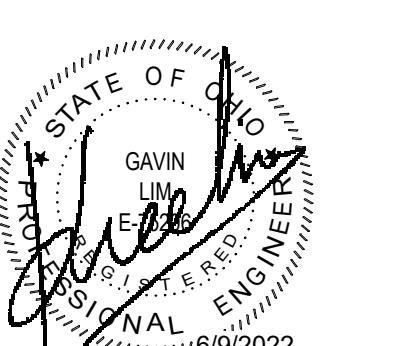
PROJECT NAME :

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LEVEL 2 POWER PLAN

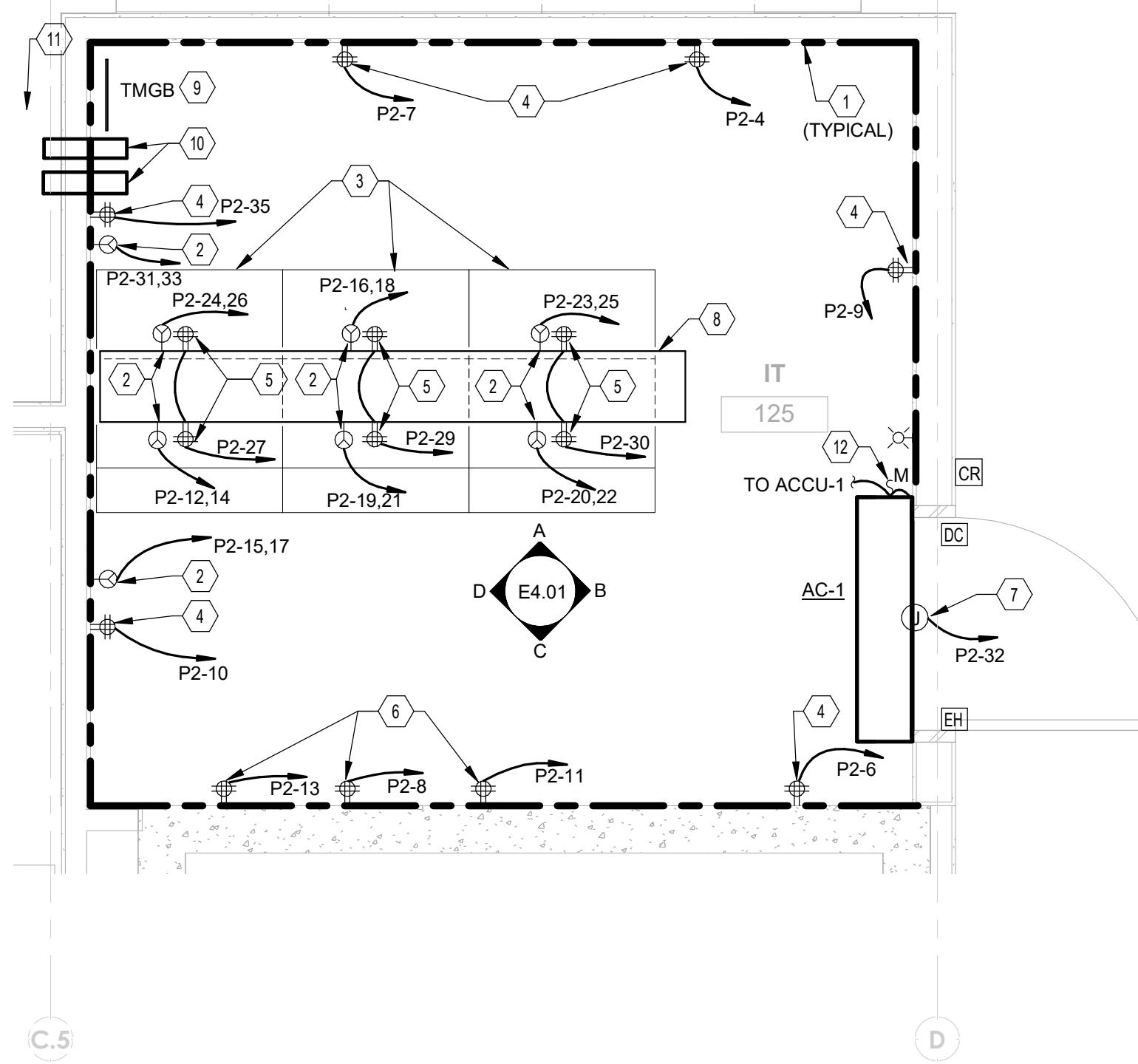
E2.02

GENERAL NOTES:

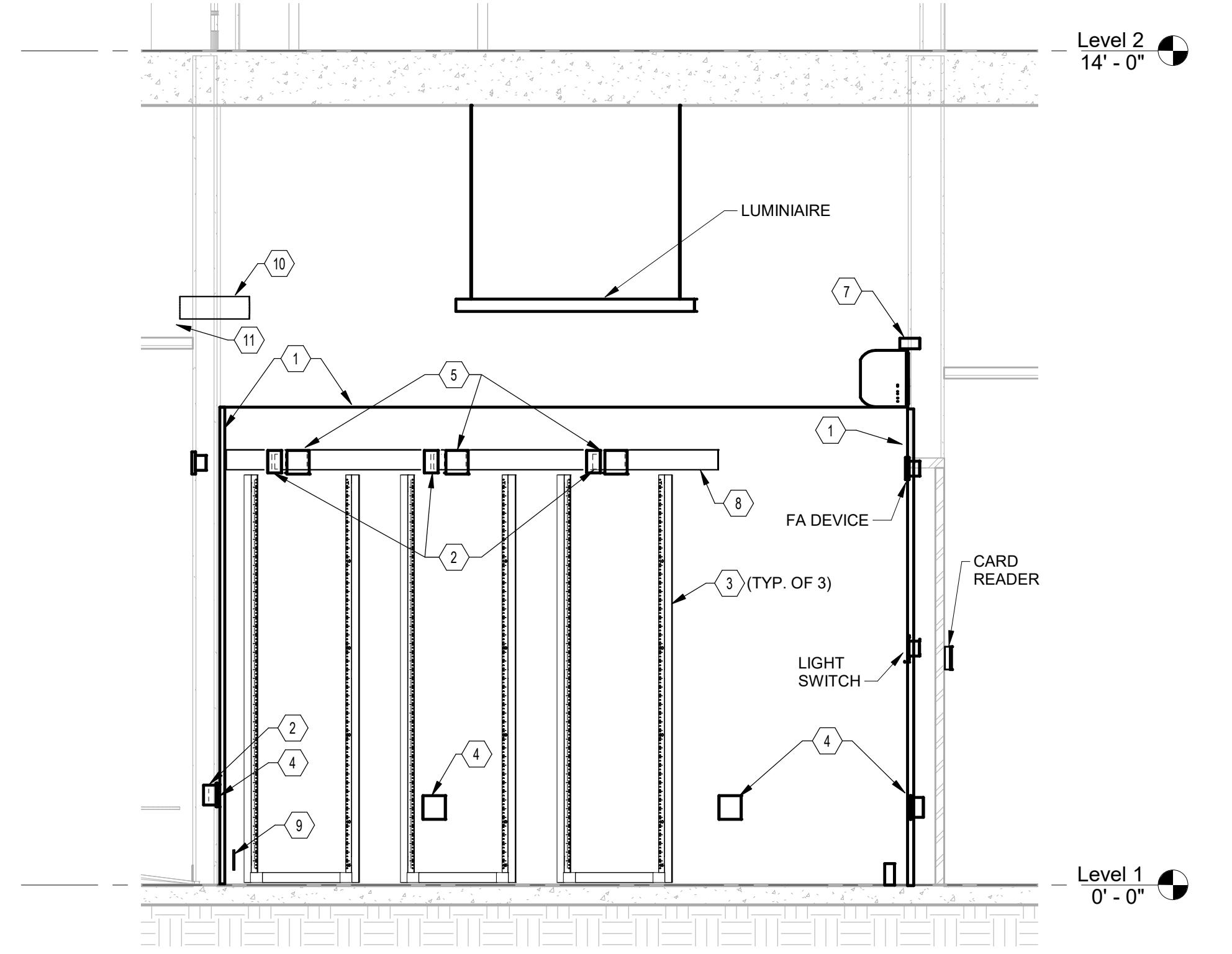
- A. COORDINATE ALL REQUIREMENTS OF WALL AND CEILING DEVICES WITH OTHER TRADE DRAWINGS AND SPECIFICATIONS PRIOR TO ROUGH-IN.
- B. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN DIVISION 26, 27 AND 28.
- C. PROVIDE FINAL CONNECTIONS AS SHOWN TO ALL EQUIPMENT SHOWN PER MANUFACTURER'S PUBLISHED INSTRUCTION.
- D. REFER TO MECHANICAL SCHEDULE SHEETS M6.01 AND M6.02 FOR ADDITIONAL INFORMATION.

CODED NOTES:

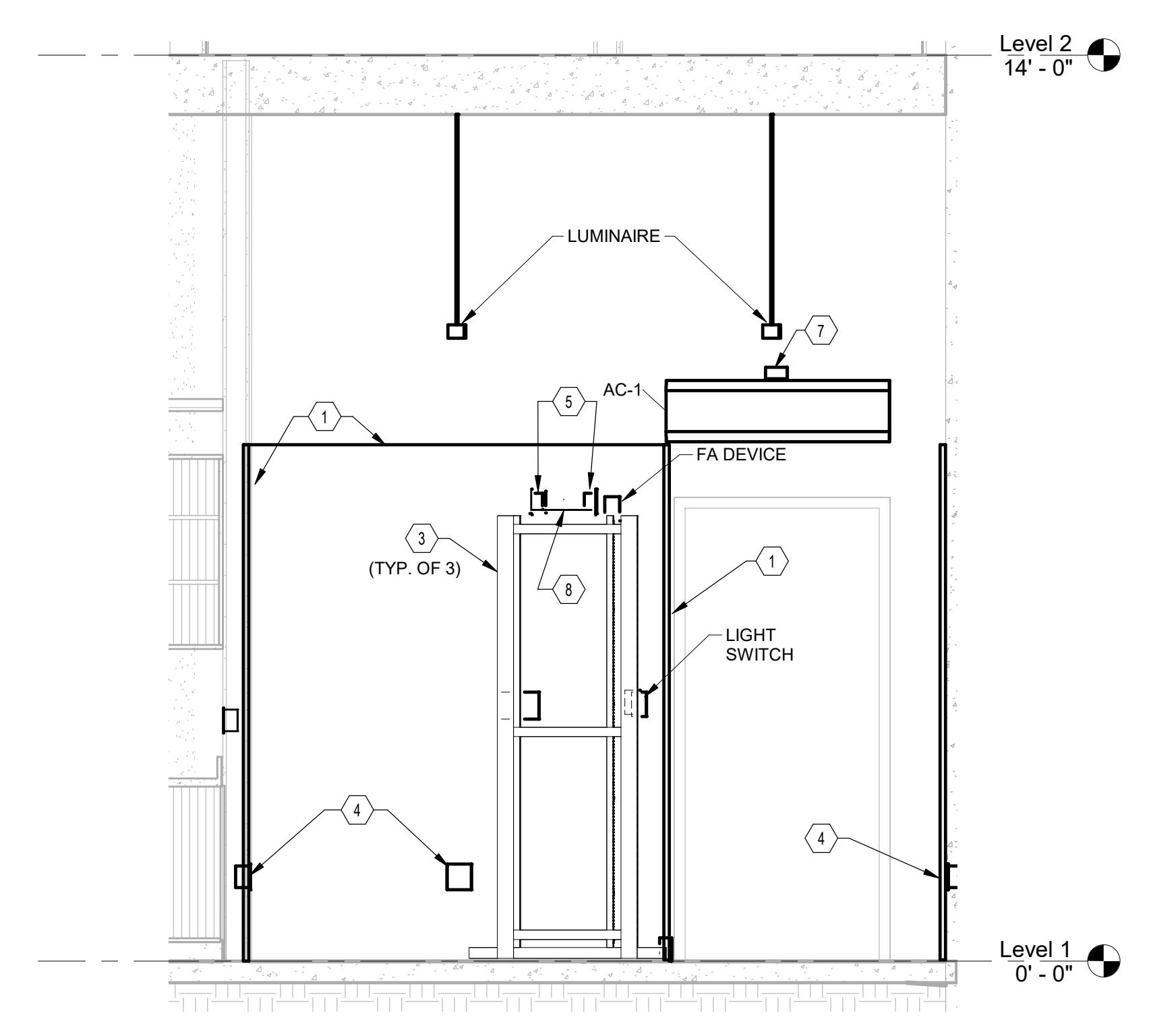
1. 4X8' X 3' PLYWOOD BACKBOARD AROUND THE ENTIRE ROOM FOR DATA AND COMMUNICATION EQUIP. PAINT WITH GRAY FIRE RETARDANT MARINE PAINT.
2. L5-30P RECEPTACLE (208V, 1PH). COORDINATE EXACT LOCATION WITH OWNER.
3. 4-POST FLOOR OPEN FRAME, 24" X 24" DATA RACK WITH 6" VERTICAL CABLE MANAGERS. REFER TO DETAIL 4/15.01
4. RECEPTACLE FOR DATA AND COMMUNICATION EQUIPMENT.
5. RECEPTACLE MOUNTED ON SIDE OF CABLE TRAY TO SERVE RACK EQUIPMENT.
6. RECEPTACLE FOR ACCESS CONTROL SYSTEM EQUIPMENT. FIELD COORDINATE EXACT LOCATION OF EQUIPMENT PRIOR TO ROUGH-IN.
7. JUNCTION BOX FOR POWER CONNECTION FOR DOOR HARDWARE POWER SUPPLY (120V, 1PH). REFER TO DETAIL 1/7.01 FOR ADDITIONAL CONNECTIONS.
8. 12" WIDE CABLE TRAY INSTALLED ABOVE RACK TO SERVE CABLING.
9. PROVIDE TMGB. REFER TO DETAIL 6/E5.01 AND SPECIFICATION SECTION 27.05.26.
10. (2) 4" CONDUIT SLEEVES.
11. CABLE TRAY TO SERVE DATA CABLING. REFER TO SHEET T1.01 FOR ADDITIONAL INFORMATION.
12. AC-1: PROVIDE 302P MANUAL MOTOR SWITCH. MAKE FINAL CONNECTION TO CONDENSING UNIT (ACCU-1) LOCATED ON THE ROOF.



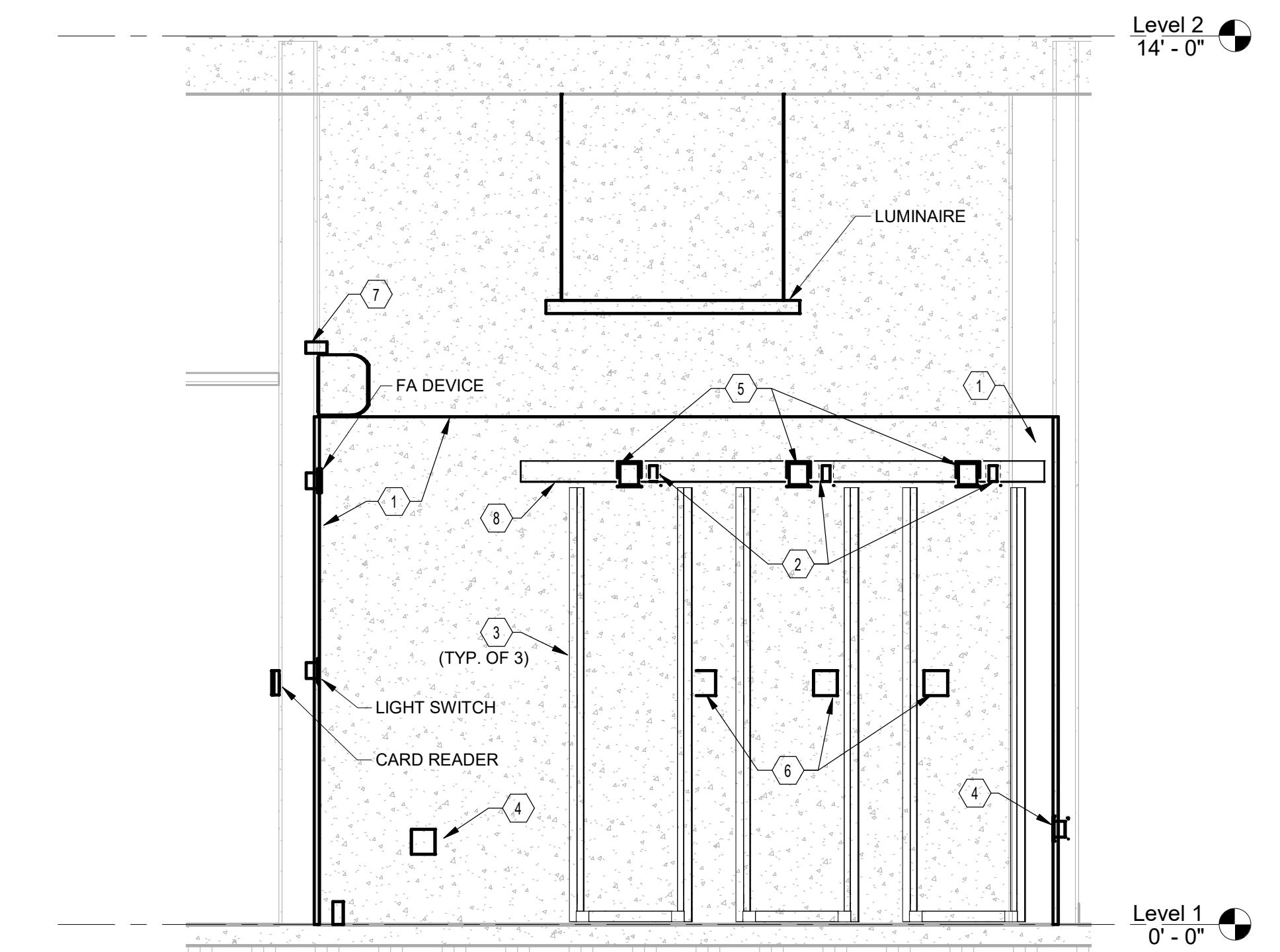
1 ENLARGED PLAN - ELECTRICAL - IT ROOM 125
1/2" = 1'-0"



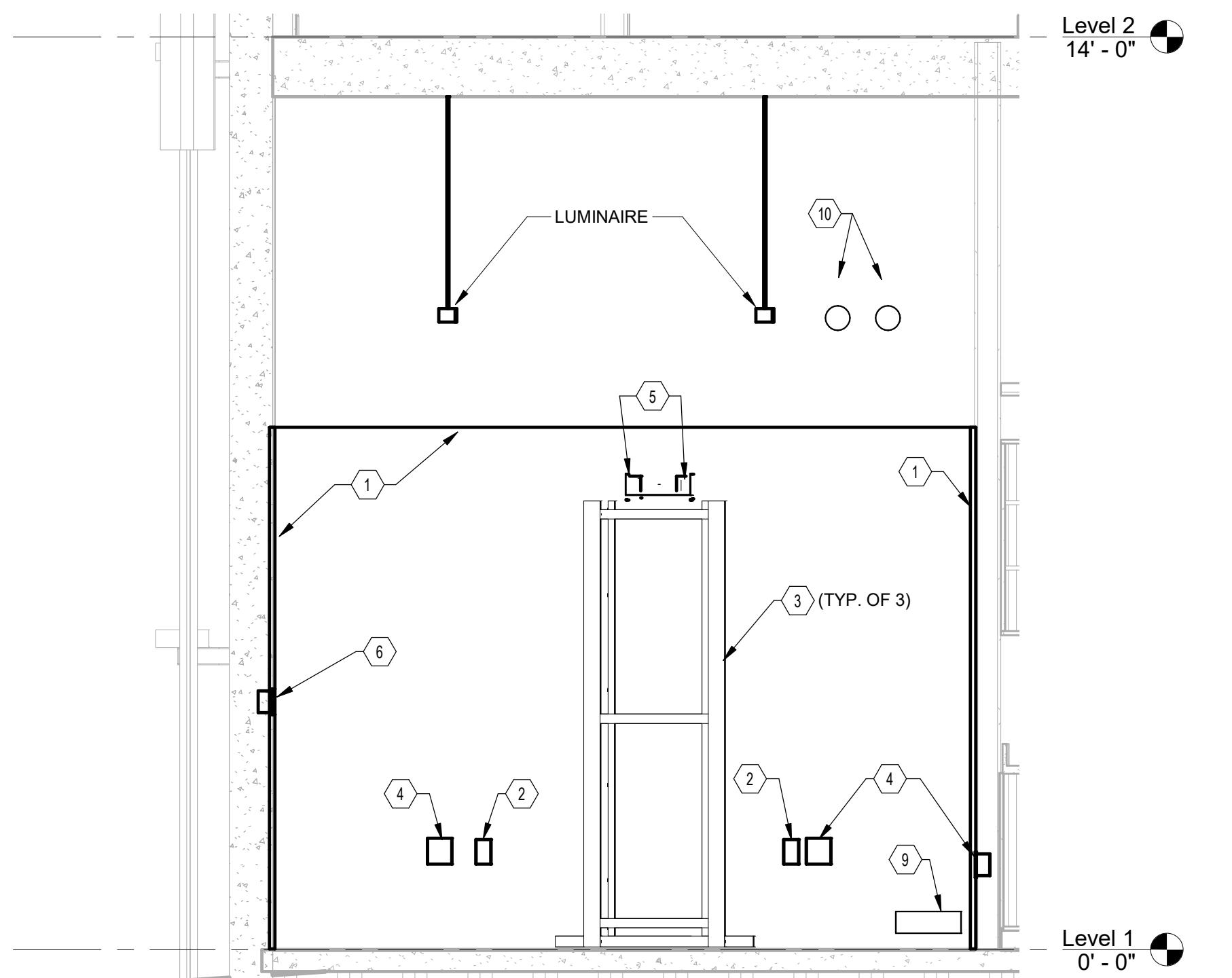
A ELEVATION A - ELECTRICAL - IT ROOM 125
1/2" = 1'-0"



B ELEVATION B - ELECTRICAL - IT ROOM 125
1/2" = 1'-0"



C ELEVATION C - ELECTRICAL - IT ROOM 125
1/2" = 1'-0"



D ELEVATION D - ELECTRICAL - IT ROOM 125
1/2" = 1'-0"

#	DATE	REVISION DESCRIPTION

PROJECT NAME :

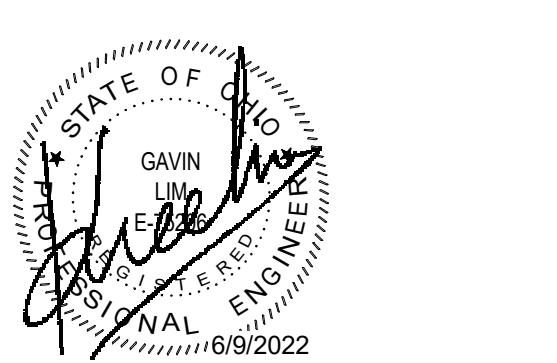
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ENLARGED PLANS - IT ROOM 125 -
POWER AND SYSTEMS

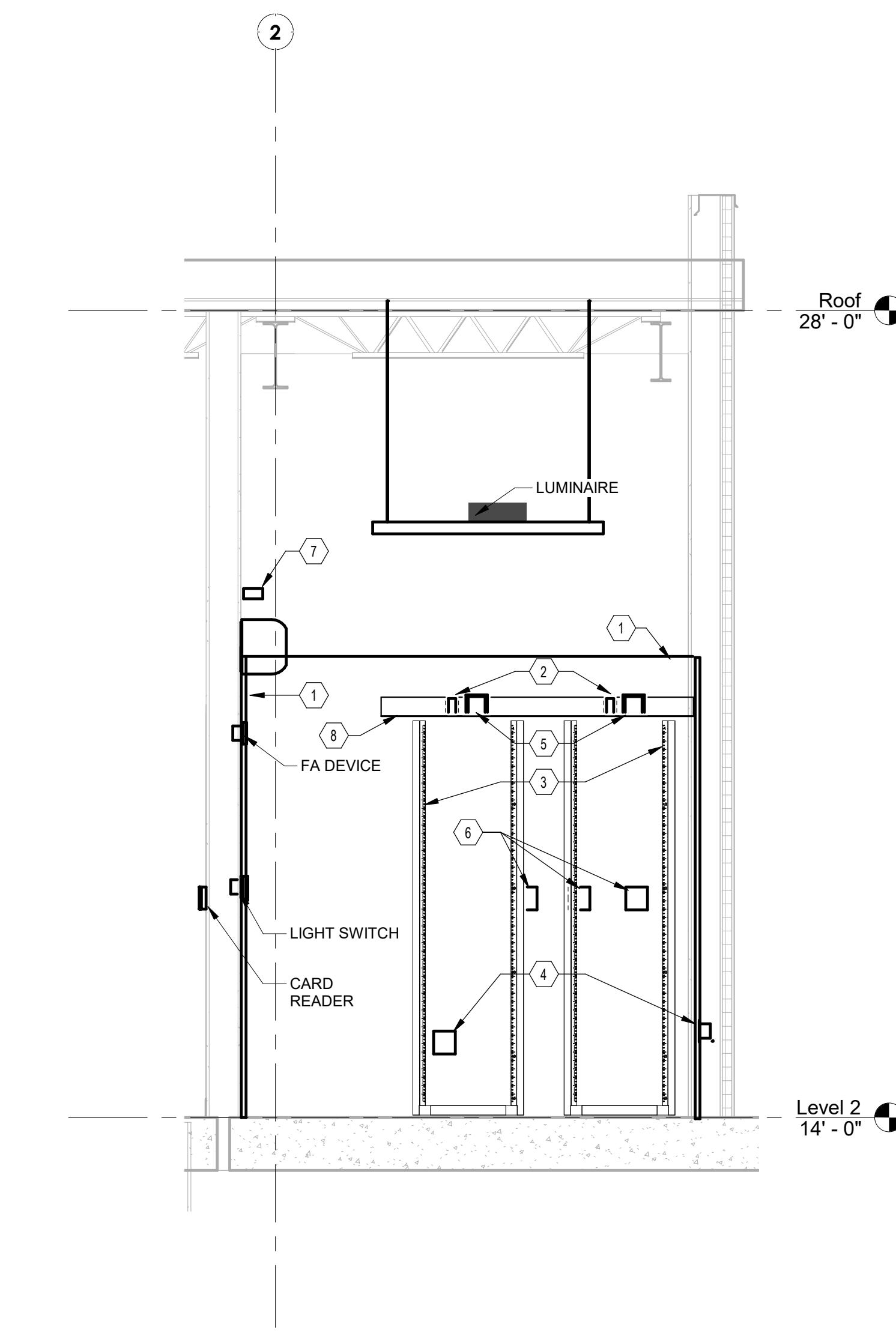
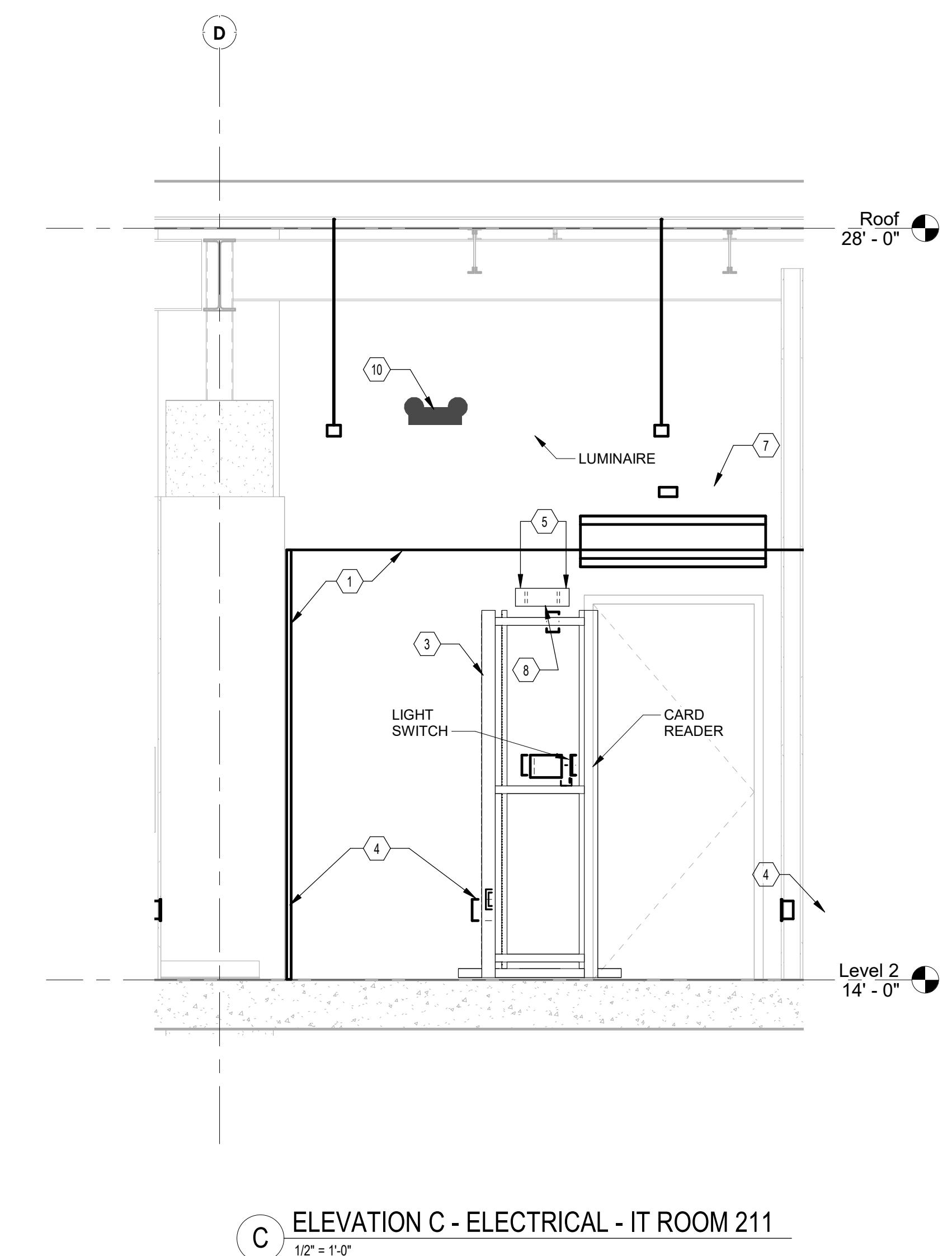
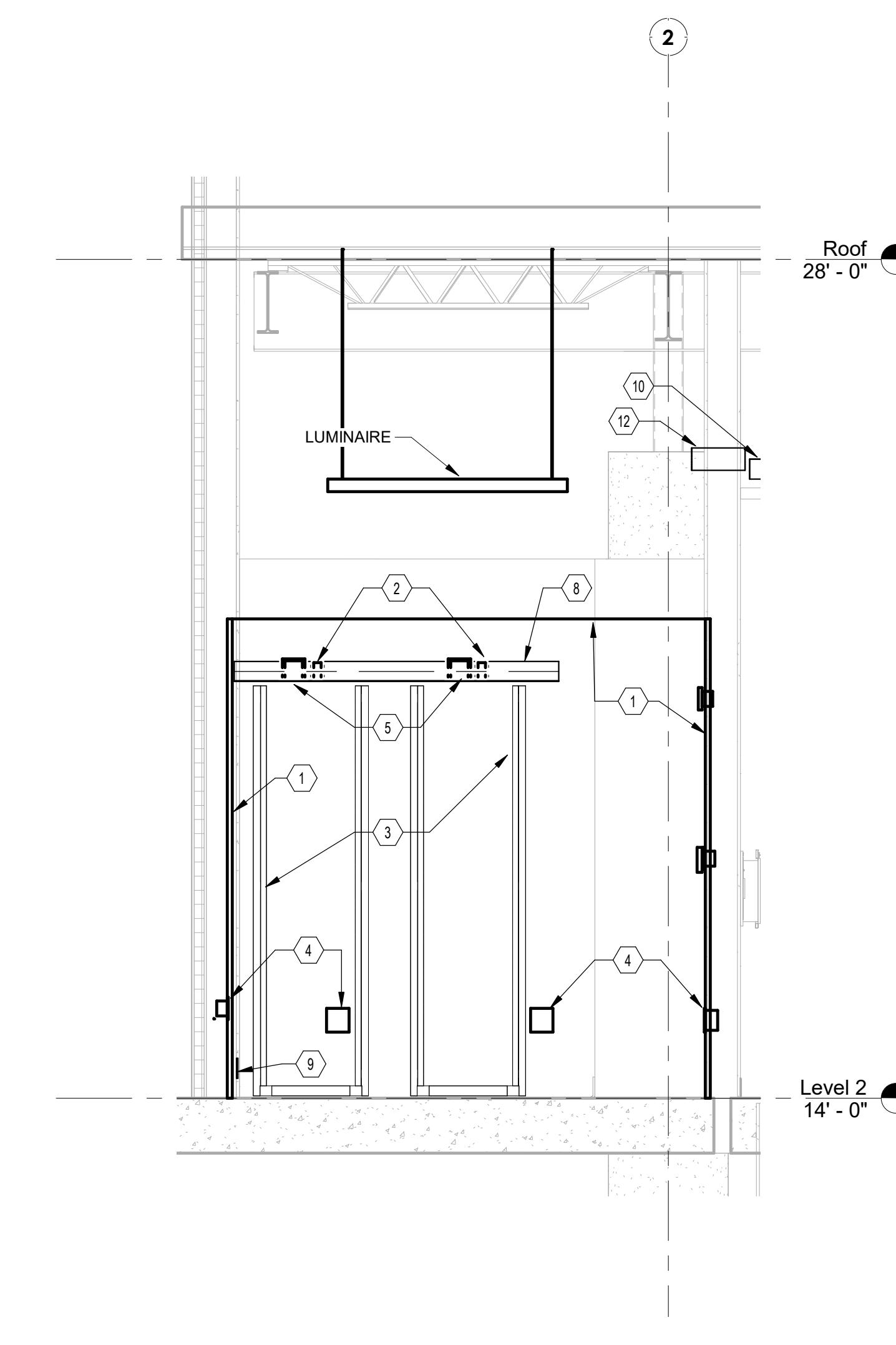
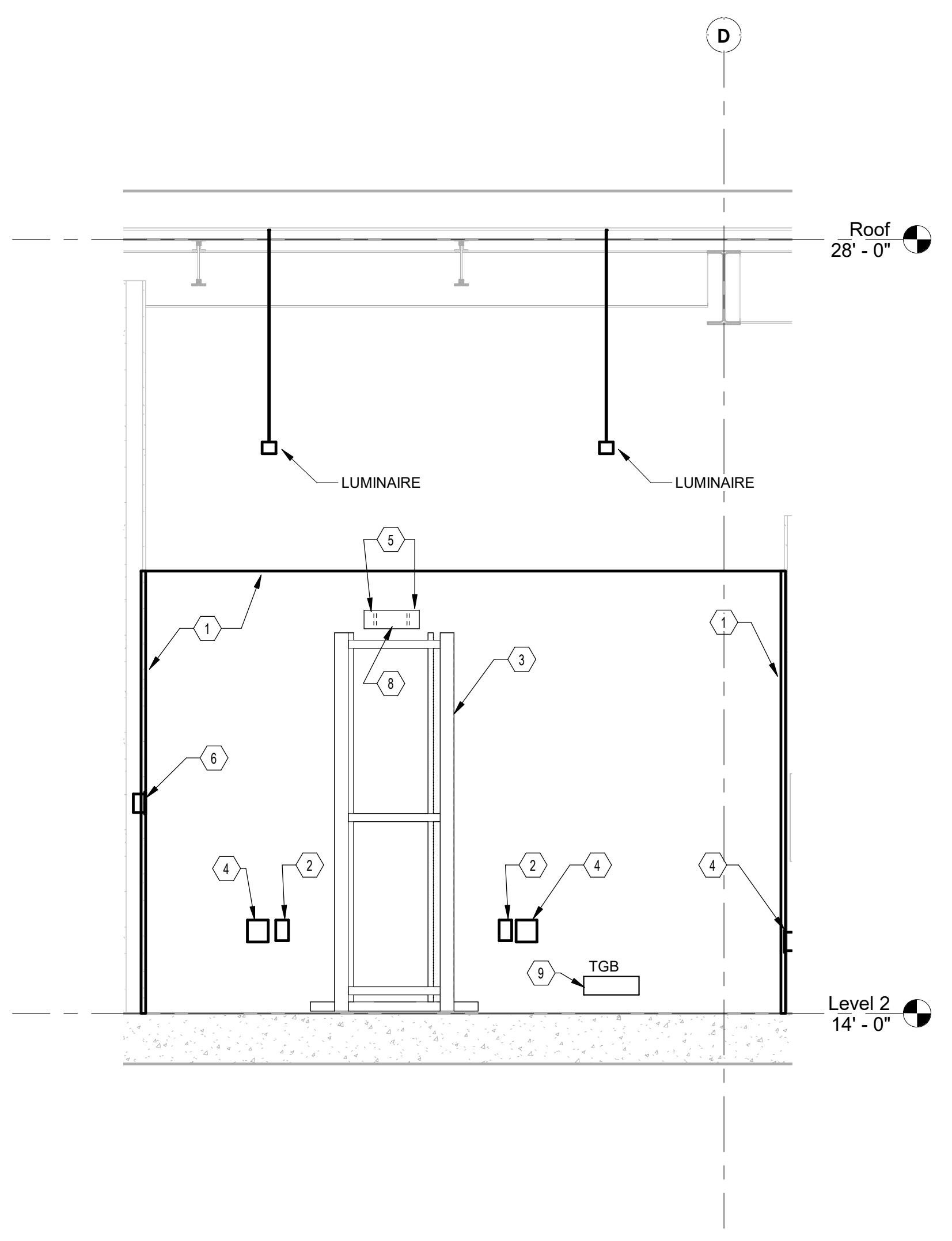
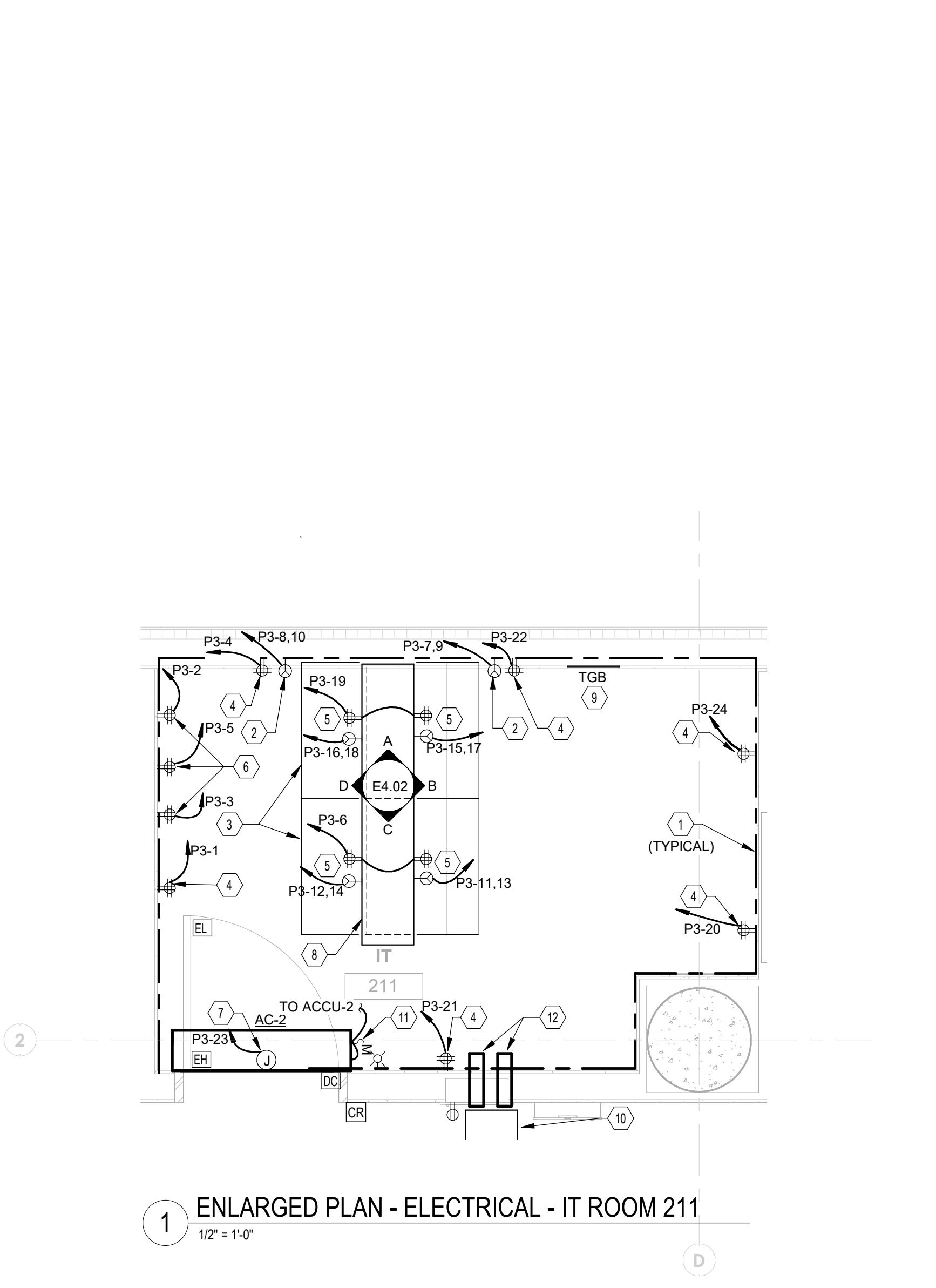
E4.01

GENERAL NOTES

- A. COORDINATE ALL REQUIREMENTS OF WALL AND CEILING DEVICES WITH OTHER DISCIPLINE DRAWINGS AND SPECIFICATIONS PRIOR TO ROUGH-IN.
- B. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN DIVISION 26, 27 AND 28.
- C. PROVIDE FINAL CONNECTIONS AS SHOWN TO ALL EQUIPMENT SHOWN PER MANUFACTURER'S PUBLISHED INSTRUCTION.
- D. REFER TO MECHANICAL SCHEDULE SHEETS M6.01 AND M6.02 FOR ADDITIONAL INFORMATION.

CODED NOTES:

1. 4'X 8' X 3/4" PLYWOOD BACKBOARD AROUND THE ENTIRE ROOM FOR DATA AND COMMUNICATION EQUIPMENT. PAINT WITH GRAY FIRE RETARDANT MARINE PAINT.
2. LS-30R RECEPTACLE (208V, 1PH). COORDINATE EXACT LOCATION WITH OWNER.
3. 4' POST FLOOR OPEN FRAME, 24" X 24" DATA RACK WITH 4' VERTICAL CABLE MANAGERS. REFER TO DETAIL 4/T5.01
4. RECEPTACLE FOR DATA AND COMMUNICATION EQUIPMENT.
5. RECEPTACLE MOUNTED ON SIDE OF CABLE TRAY TO SERVE RACK EQUIPMENT.
6. RECEPTACLE FOR ACCESS CONTROL SYSTEM EQUIPMENT. FIELD COORDINATE EXACT LOCATION OF EQUIPMENT PRIOR TO ROUGH-IN.
7. JUNCTION BOX FOR POWER CONNECTION FOR DOOR HARDWARE POWER SUPPLY (120V, 1PH). REFER TO DETAIL 2/T5.01 FOR ADDITIONAL CONNECTIONS.
8. 12" WIDE CABLE TRAY INSTALLED ABOVE RACK TO SERVE CABLING.
9. PROVIDE TGB. REFER TO DETAIL 2/T5.01 AND SPECIFICATION SECTION 27.05.26.
10. CABLE TRAY TO SERVE DATA CABLING. REFER TO SHEET T1.02 FOR ADDITIONAL INFORMATION.
11. ACU-2. PROVIDE 30/2P MANUAL MOTOR SWITCH. MAKE FINAL CONNECTION TO CONDENSING UNIT (ACU-2) LOCATED ON THE ROOF.
12. (2) 4" CONDUIT SLEEVES



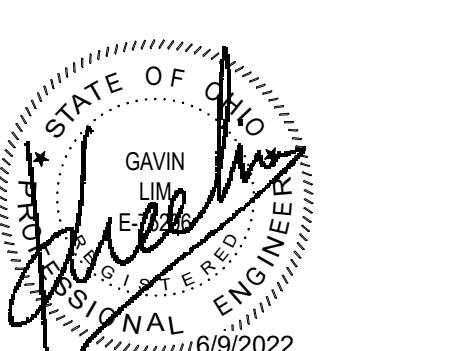
#	DATE	REVISION DESCRIPTION

PROJECT NAME :
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ENLARGED PLANS - IT ROOM 211 -
POWER AND SYSTEMS

E4.02

GENERAL NOTES:

- FIELD VERIFY EXACT LOCATIONS OF ALL RECEPTACLES AND EQUIPMENT. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION WORK TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN Revision 2B.
- COORDINATE ALL ROUGH-IN REQUIREMENTS OF SERVICES IN CASEWORK, FURNITURE AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- UNLESS NOTED OTHERWISE, ALL CABLING SHALL BE EMT CONDUIT (MINIMUM 3/4") AND ROUTE PARALLEL AND TIGHT TO BUILDING STRUCTURE.
- PROVIDE FINAL CONNECTIONS AS SHOWN TO ALL EQUIPMENT SHOWN PER MANUFACTURER'S PUBLISHED INSTRUCTION.
- COORDINATE DEVICE COLOR SELECTIONS WITH ARCHITECT AND OWNER.
- REFER TO SHEET E0.04 FOR ADDITIONAL INFORMATION ON FLOORBOX TYPE.
- REFER TO MECHANICAL SCHEDULE SHEETS M6.01 AND M6.02 FOR ADDITIONAL INFORMATION.
- COORDINATE FINAL FLOOR BOX LOCATION WITH ARCHITECTURAL FURNITURE PLANS.

CODED NOTES:

1. PROVIDE JUNCTION BOX FOR POWER CONNECTION TO DOOR HARDWARE POWER SUPPLY.
2. LIGHTING CONTROL PANEL BY BAS VENDOR.
3. PROVIDE DISCONNECT SWITCH WITH SPD FOR ELEVATOR CONTROLLER. REFER TO SPECIFICATION 2B 28.17 AND ELEVATOR SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
4. PROVIDE DISCONNECT SWITCH FOR ELEVATOR CAB LIGHTING AND RECEPTACLE. REFER TO ELEVATOR SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
5. BOOK DISPLAY LIGHTING. CORNER MOUNT LUMINAIRE WITH FROSTED LENS IN FRONT CONNECTORS, MOUNTING CLIPS, ETC TO MAKE A COMPLETE WORKING SYSTEM. REFER TO ELEVATION PLANS AND ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION. LOCATE REMOTE DRIVER IN ACCESSIBLE LOCATION. BUILD MOCKUPS TO VERIFY SELECTIONS MADE UNDER SAMPLE SUBMITTALS AND TO DEMONSTRATE AESTHETIC EFFECTS AND QUALITIES OF MATERIALS AND EXECUTION. APPROVED MOCKUPS MAY BECOME PART OF THE COMPLETED WORK.
6. BOOK DISPLAY LIGHTING. RECESSED STRIP AT TOP FLAT SHELF (LED800L-MC OR APPROVED EQUAL). PROVIDE RGB CONTROLLER, POWER SUPPLY, CONNECTORS, MOUNTING HARDWARE, ETC. TO MAKE A COMPLETE WORKING SYSTEM. REFER TO ELEVATION PLANS AND ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION. LOCATE REMOTE DRIVER IN ACCESSIBLE LOCATION. BUILD MOCKUPS TO VERIFY SELECTIONS MADE UNDER SAMPLE SUBMITTALS AND TO DEMONSTRATE AESTHETIC EFFECTS AND QUALITIES OF MATERIALS AND EXECUTION. APPROVED MOCKUPS MAY BECOME PART OF THE COMPLETED WORK.
7. CUSTOM ILLUMINATED BACKLIT RGB MODULE SYSTEM. ALANSON SKYLINE ACLW-RGB3.40 OR APPROVED EQUAL. PROVIDE RGB CONTROLLER, POWER SUPPLY, CONNECTORS, MOUNTING HARDWARE, ETC. TO MAKE A COMPLETE WORKING SYSTEM. BUILD MOCKUPS TO VERIFY SELECTIONS MADE UNDER SAMPLE SUBMITTALS AND TO DEMONSTRATE AESTHETIC EFFECTS AND QUALITIES OF MATERIALS AND EXECUTION. APPROVED MOCKUPS MAY BECOME PART OF THE COMPLETED WORK.

REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION
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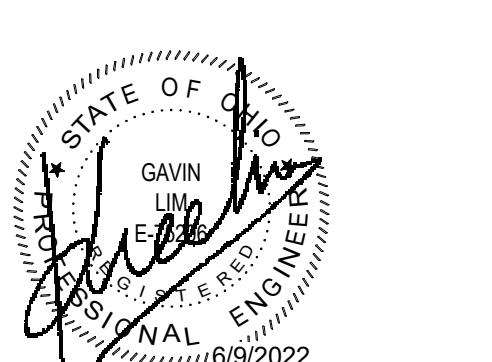
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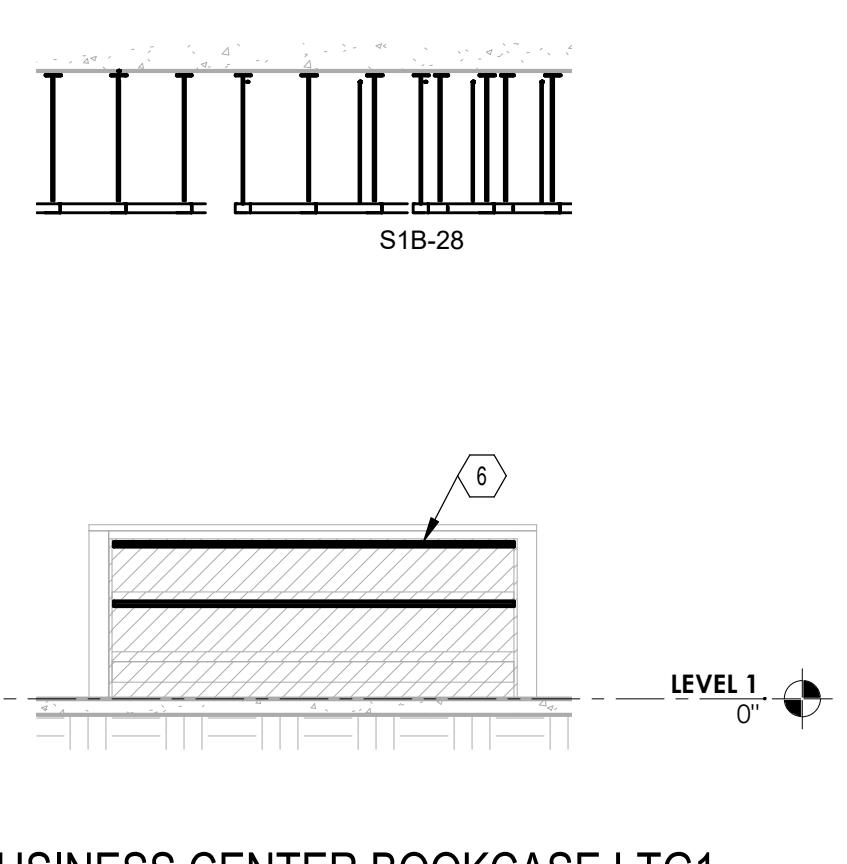
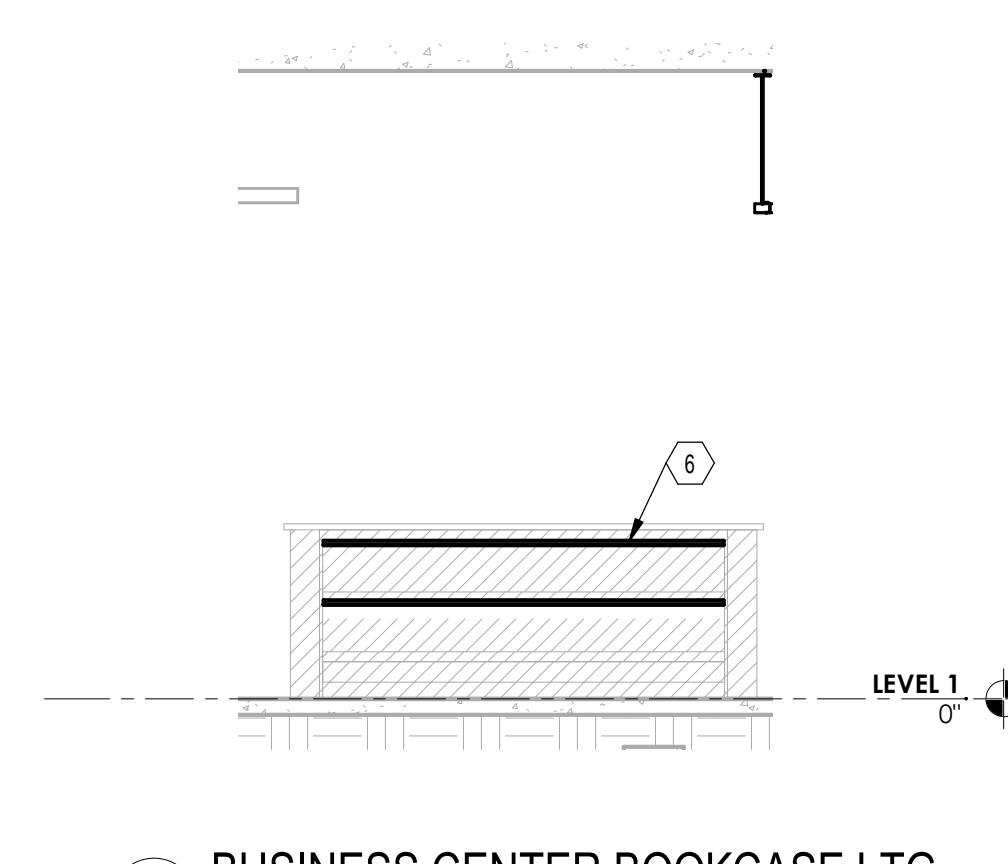
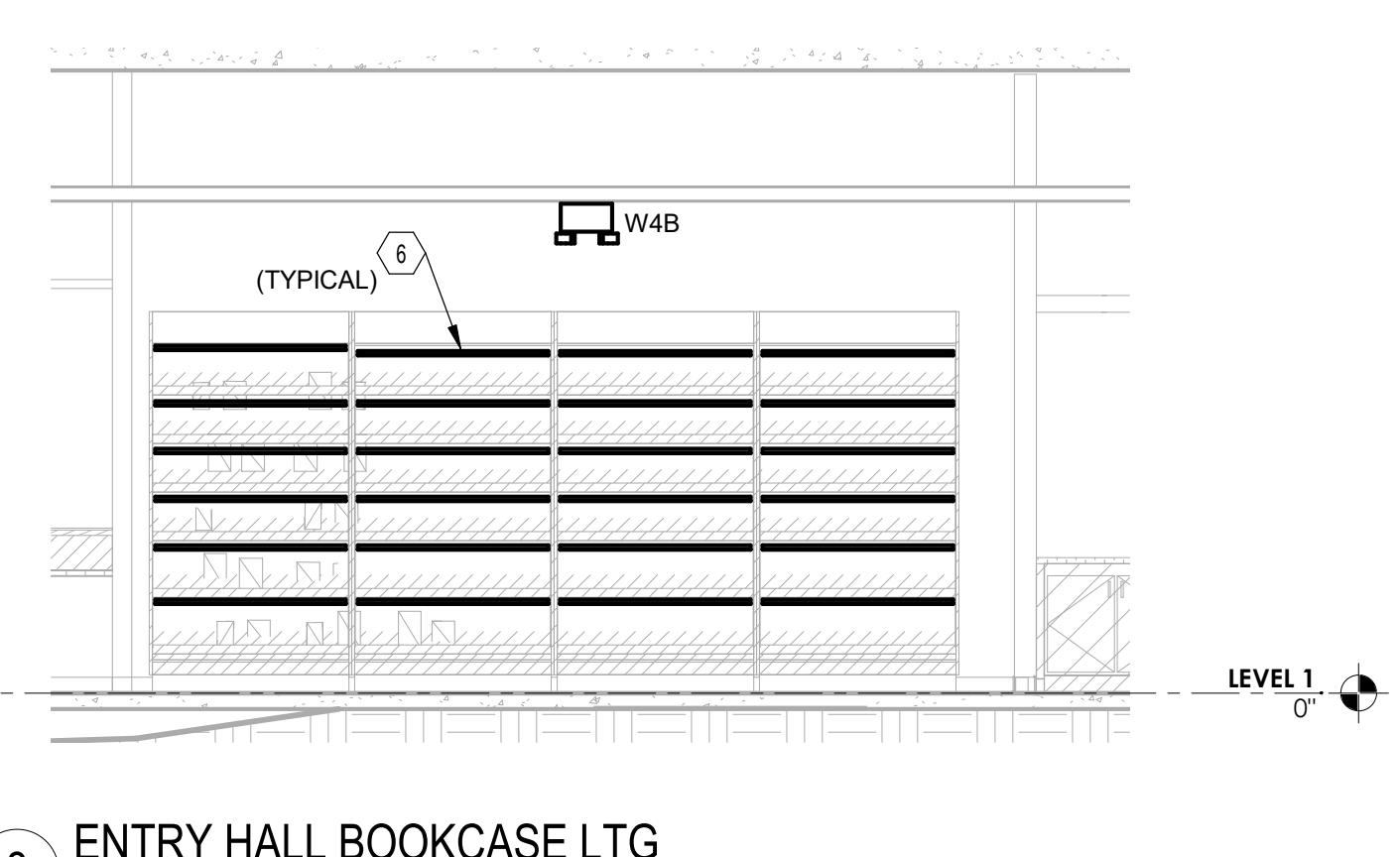
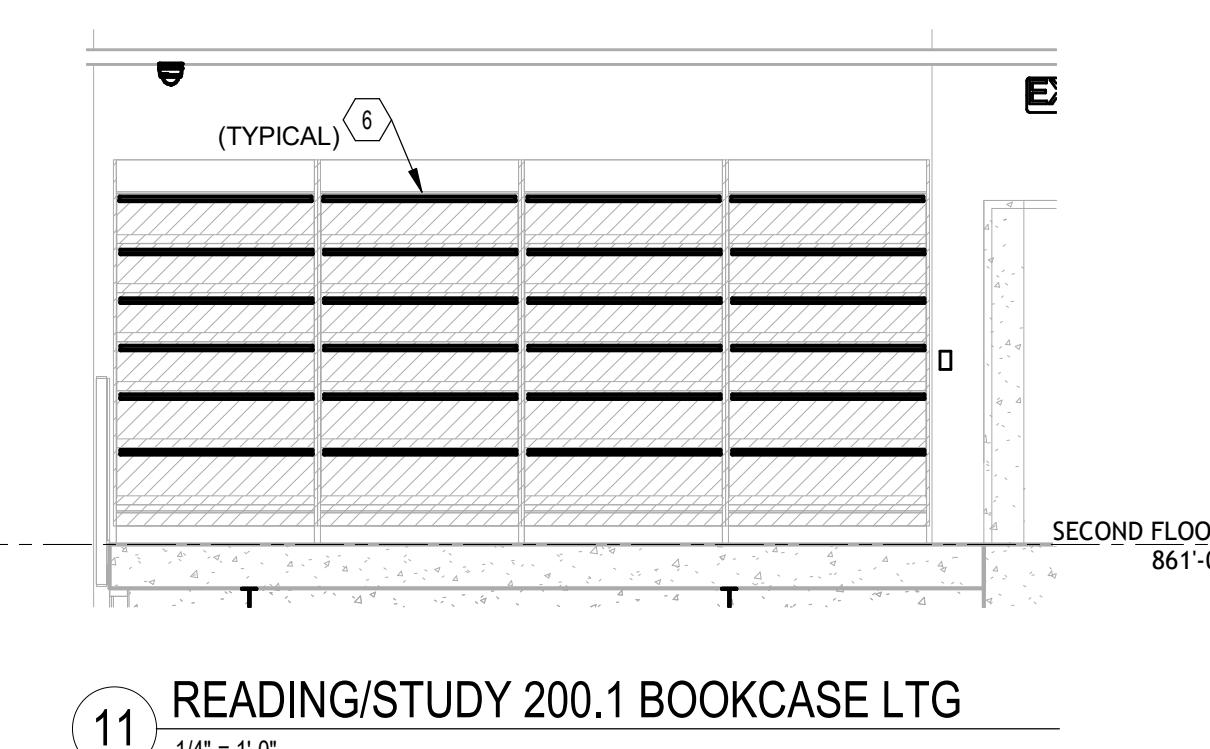
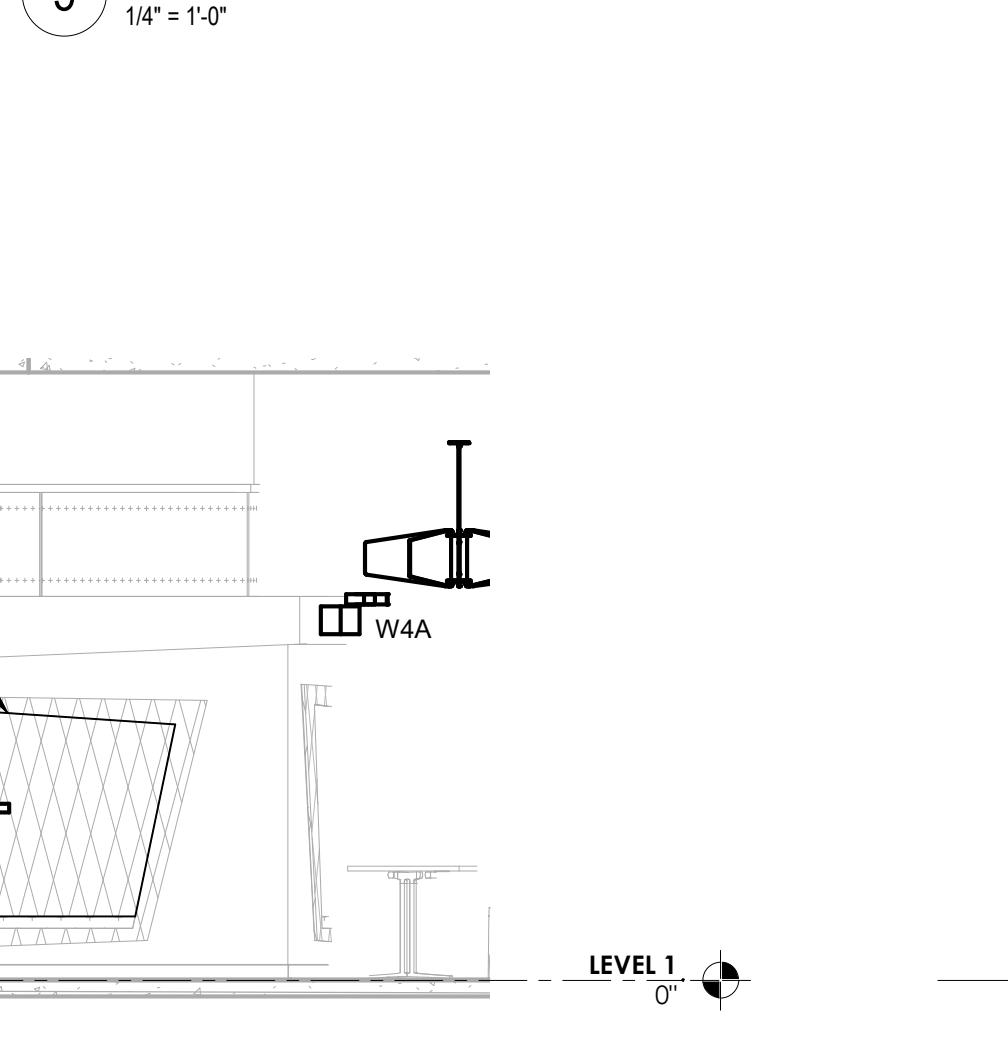
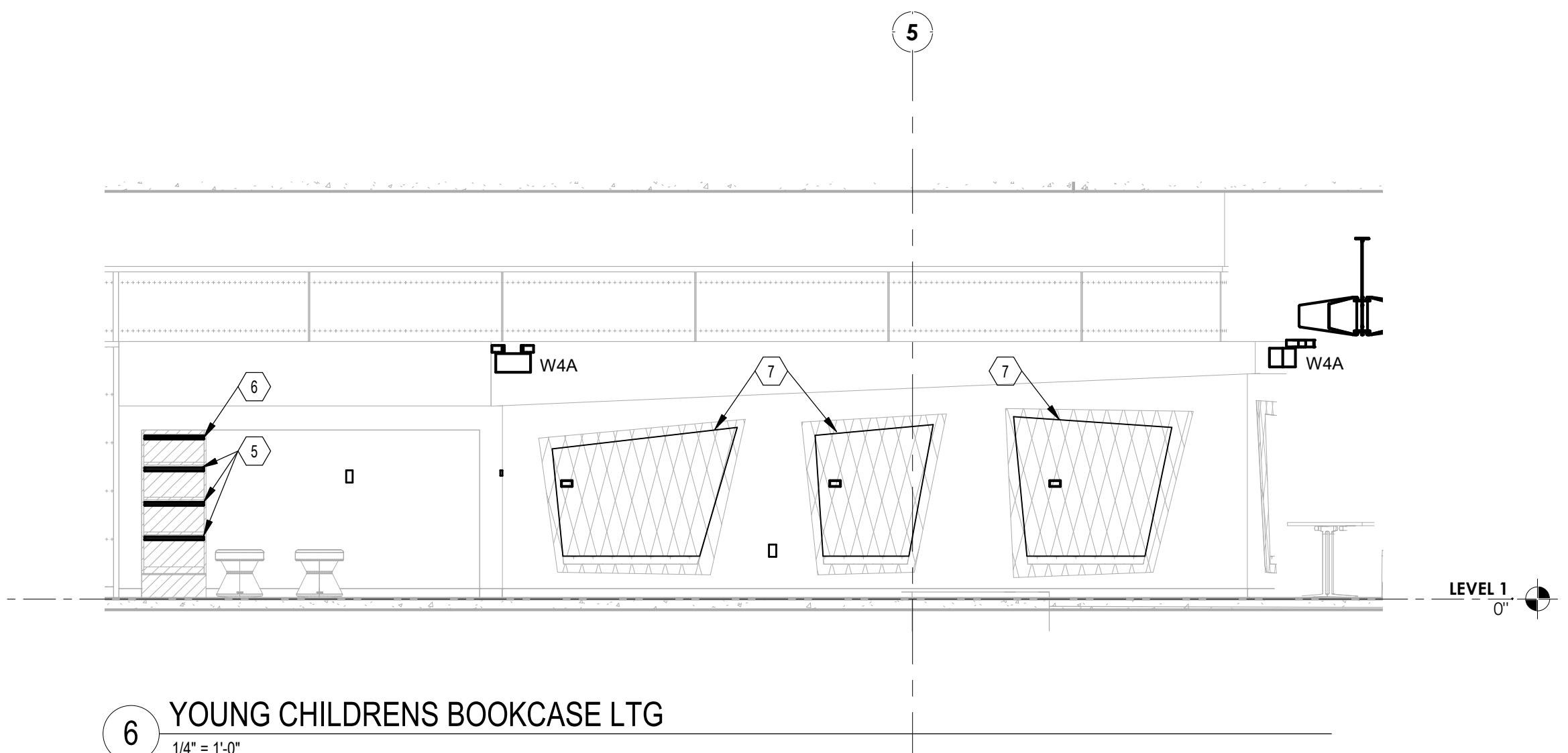
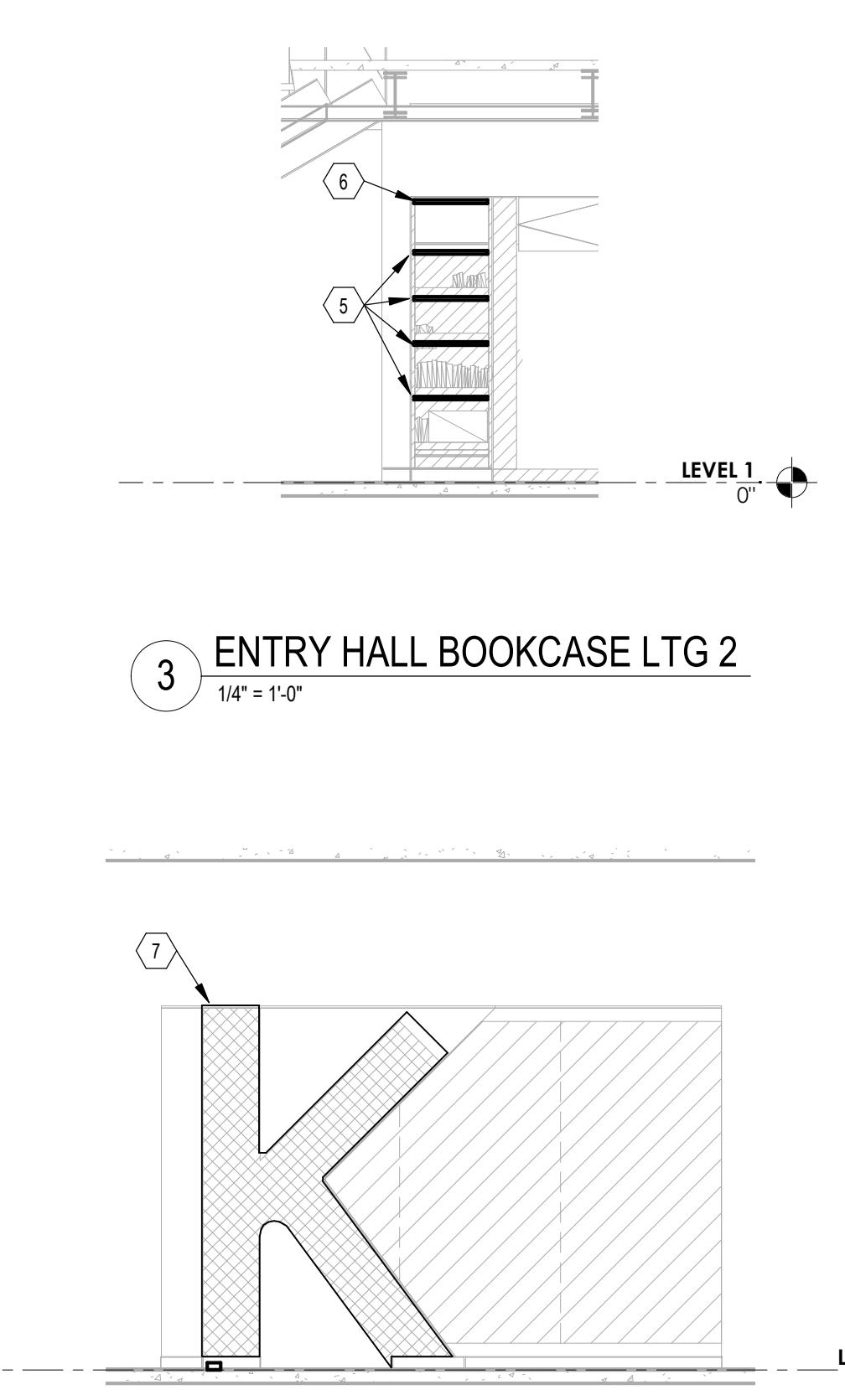
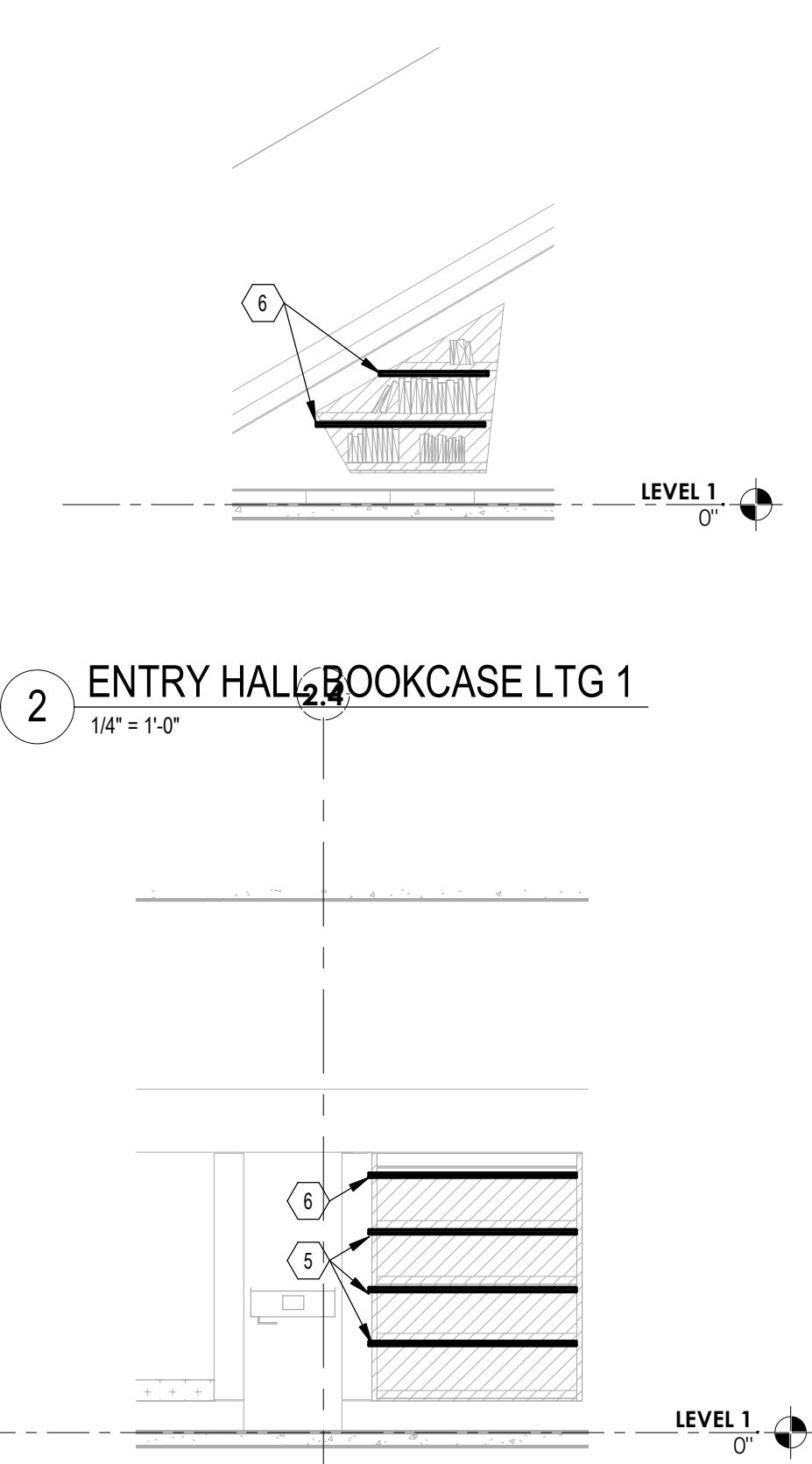
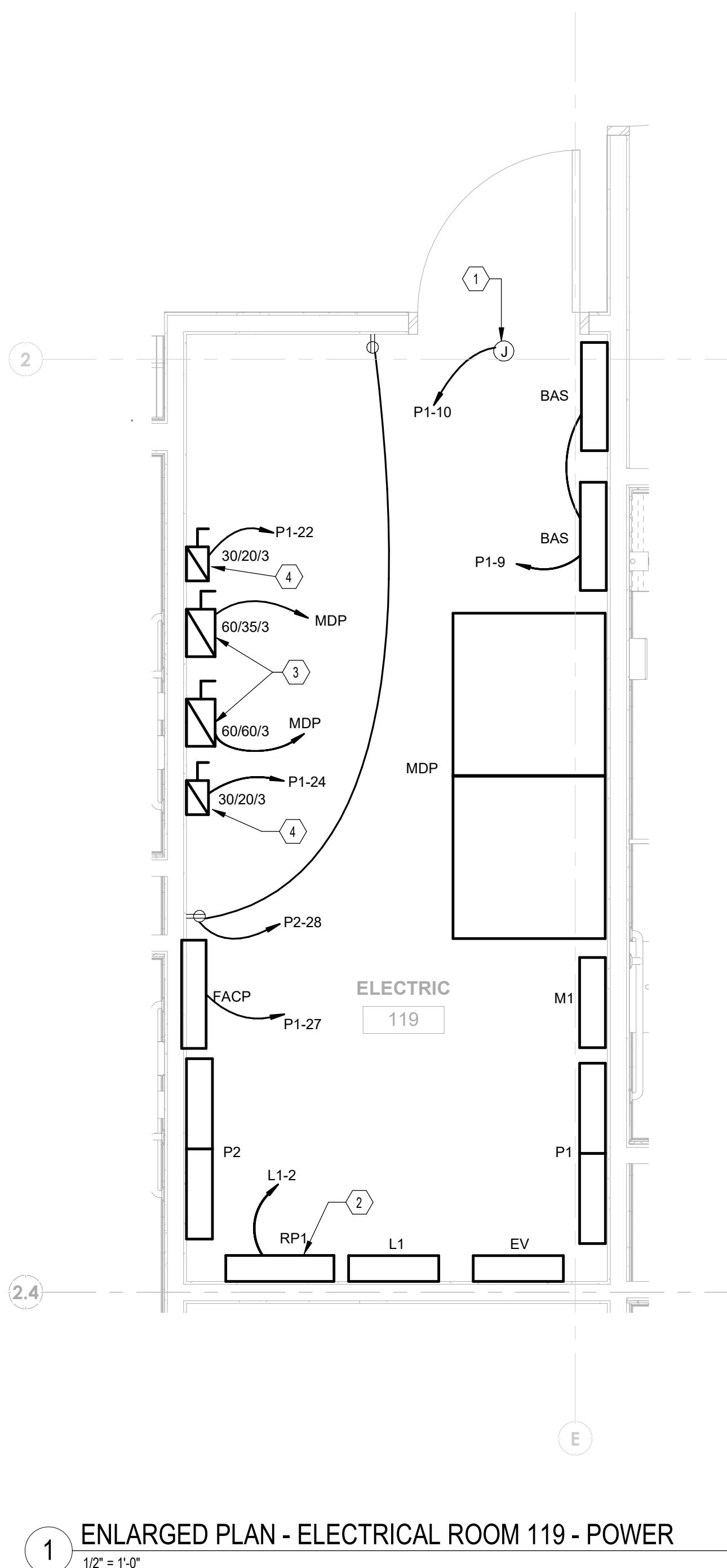
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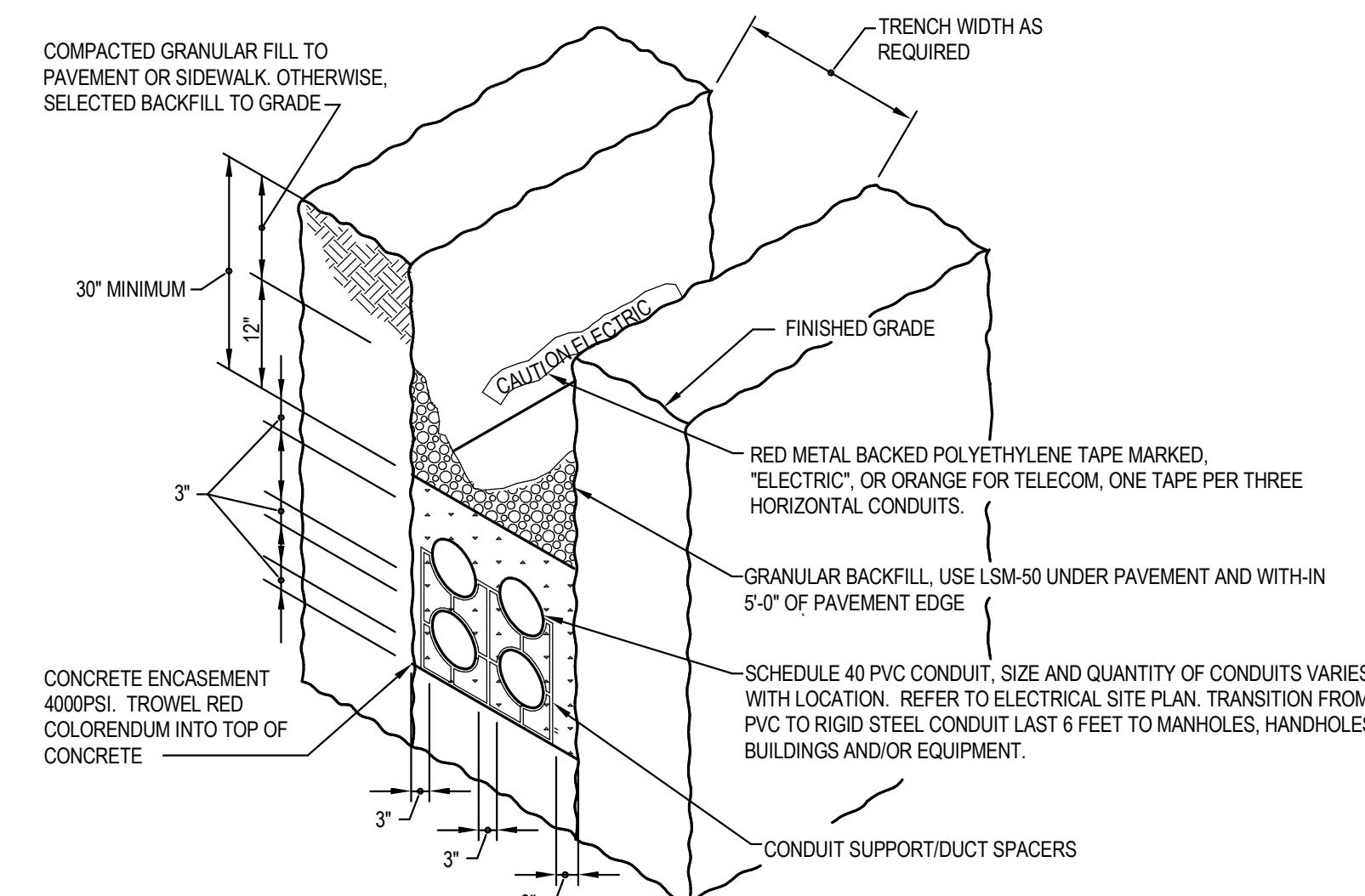
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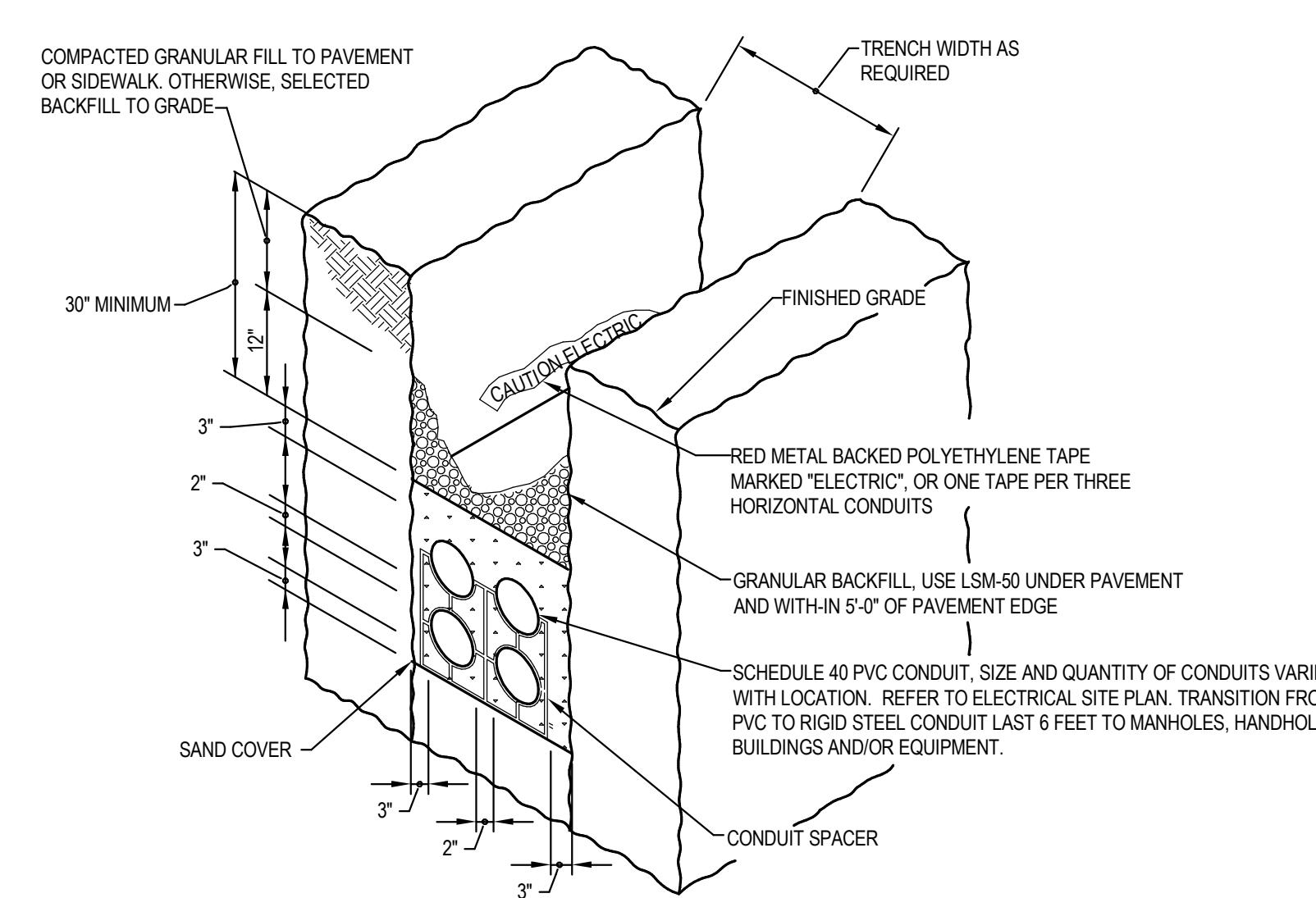
ENLARGED PLANS - SECTIONS

E4.03

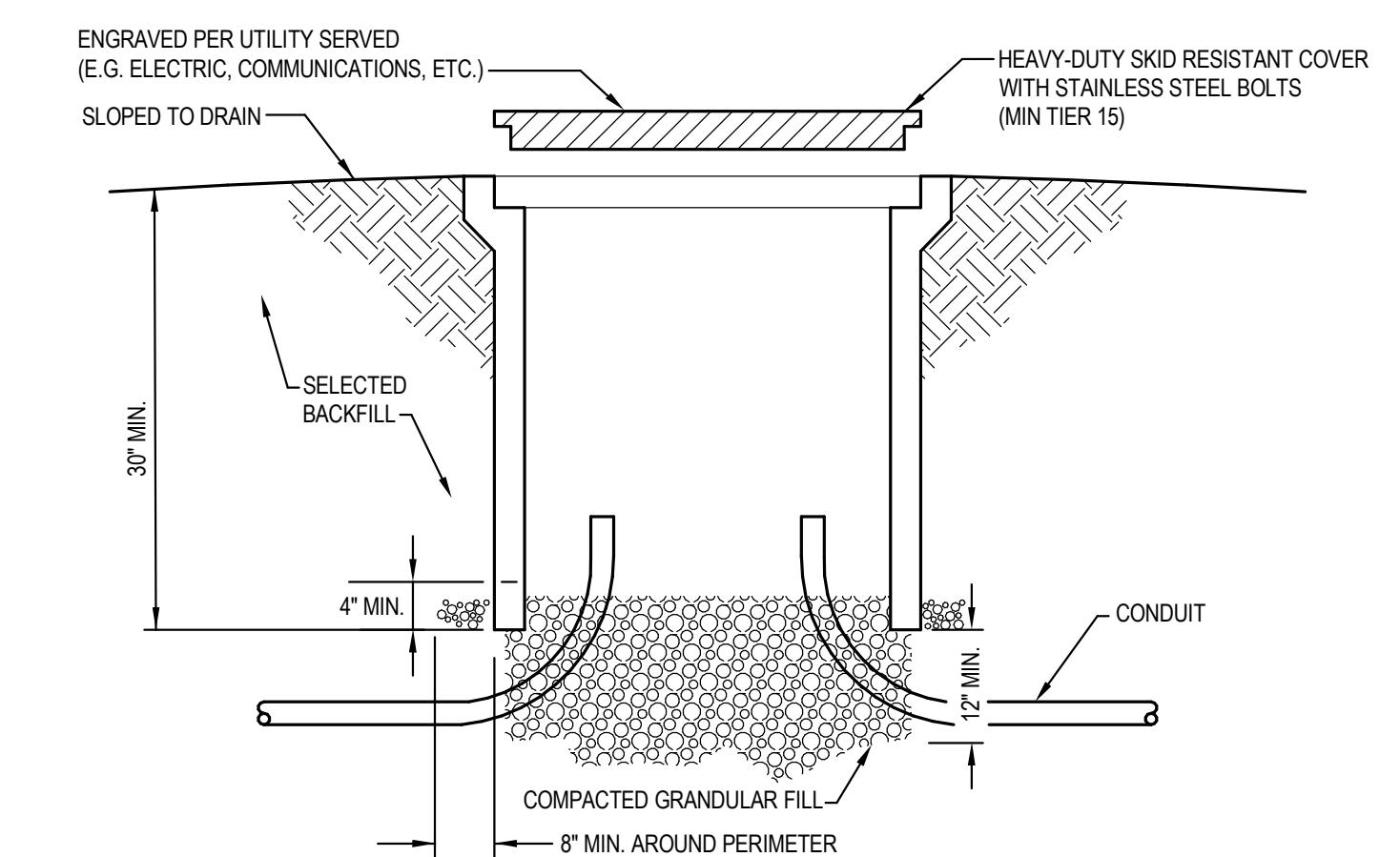




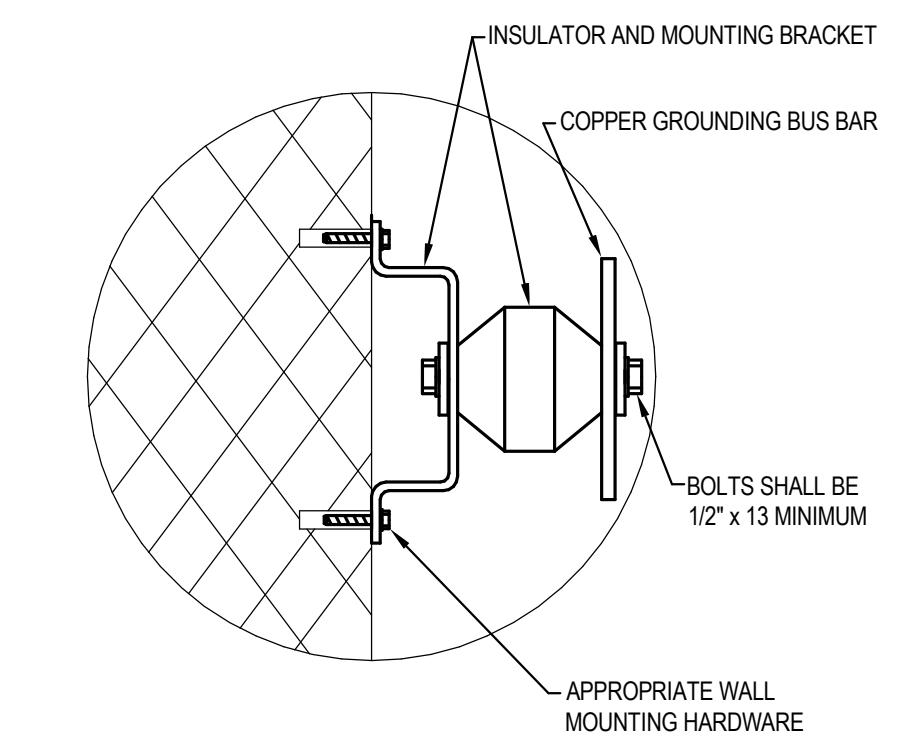
1 DETAIL - CONCRETE ENCASED DUCTBANK
NTS



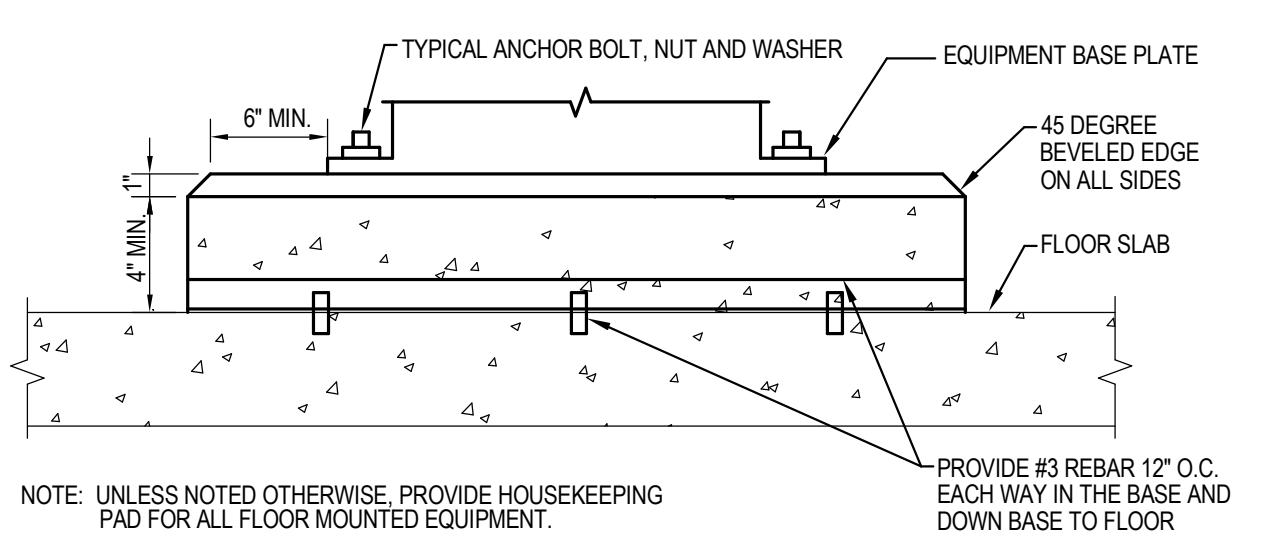
2 DETAIL - DIRECT BURIED CONDUIT
NTS



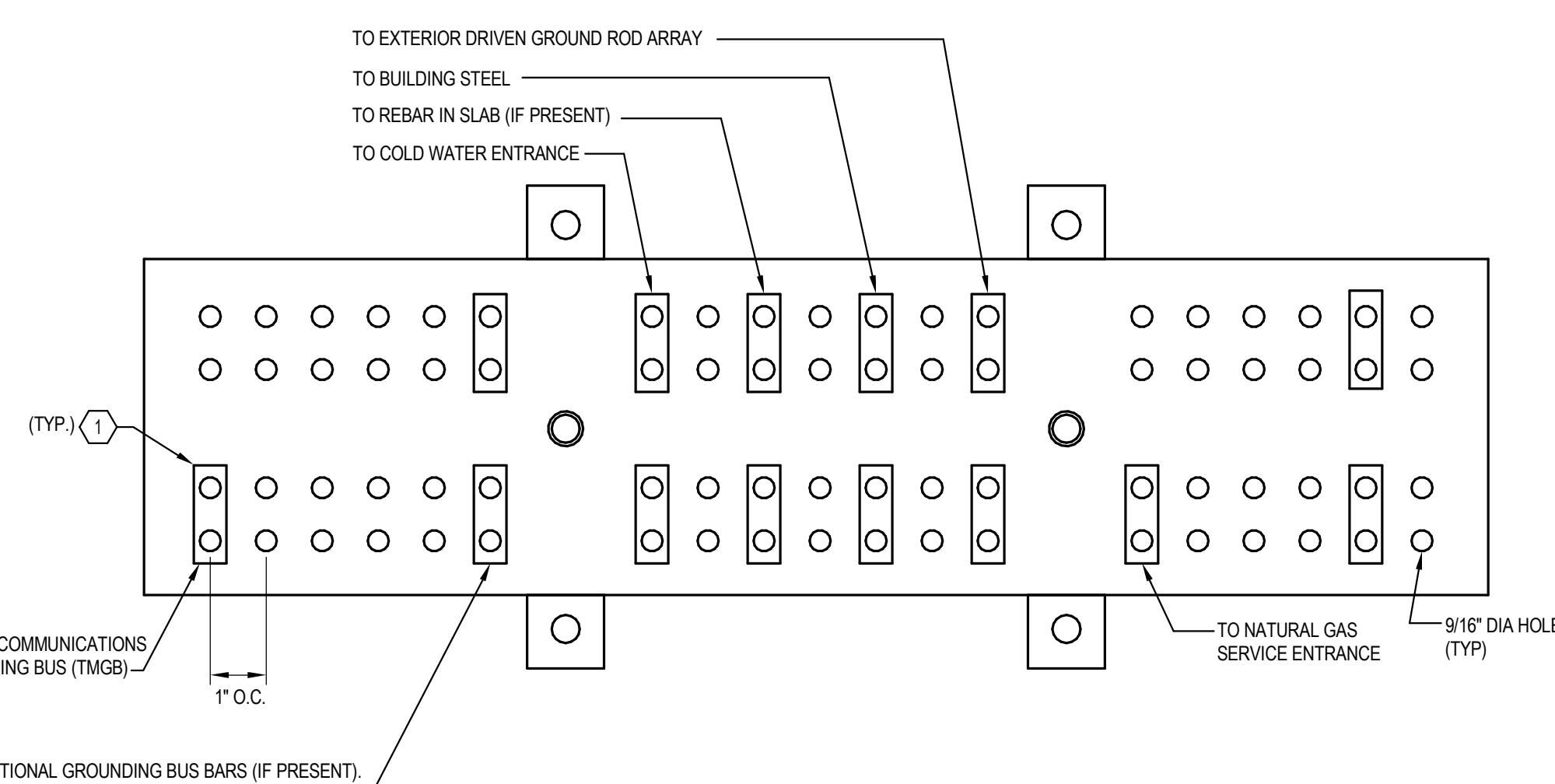
3 DETAIL - TYPICAL PULLBOX
NTS



4 DETAIL - BUS BAR MOUNTING
NTS



5 DETAIL - INTERIOR EQUIPMENT HOUSKEEPING PAD
NTS



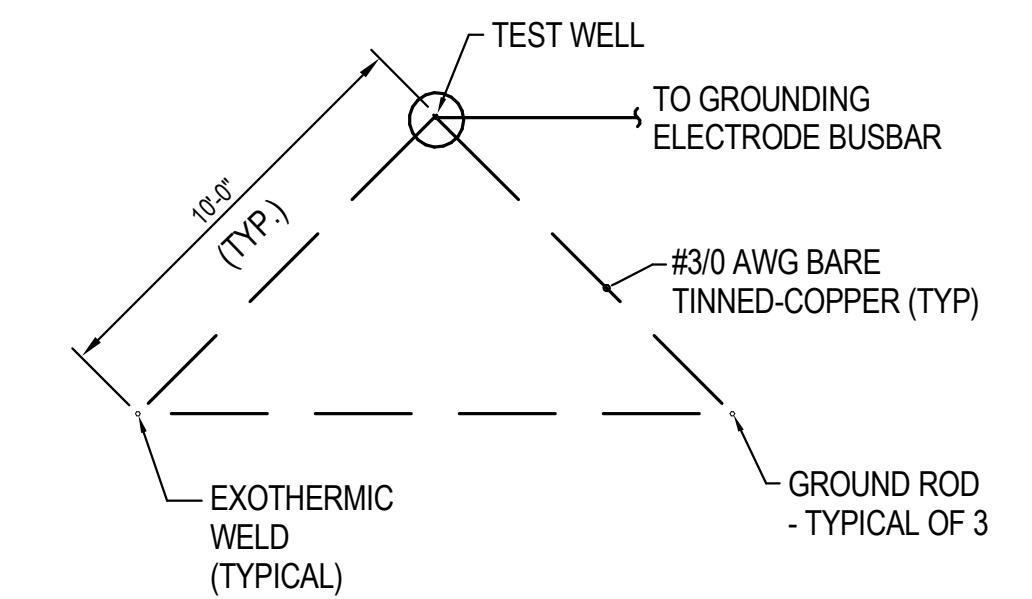
6 DETAIL - ELECTRIC MAIN GROUND BUS BAR
NTS

DETAIL GENERAL NOTES:

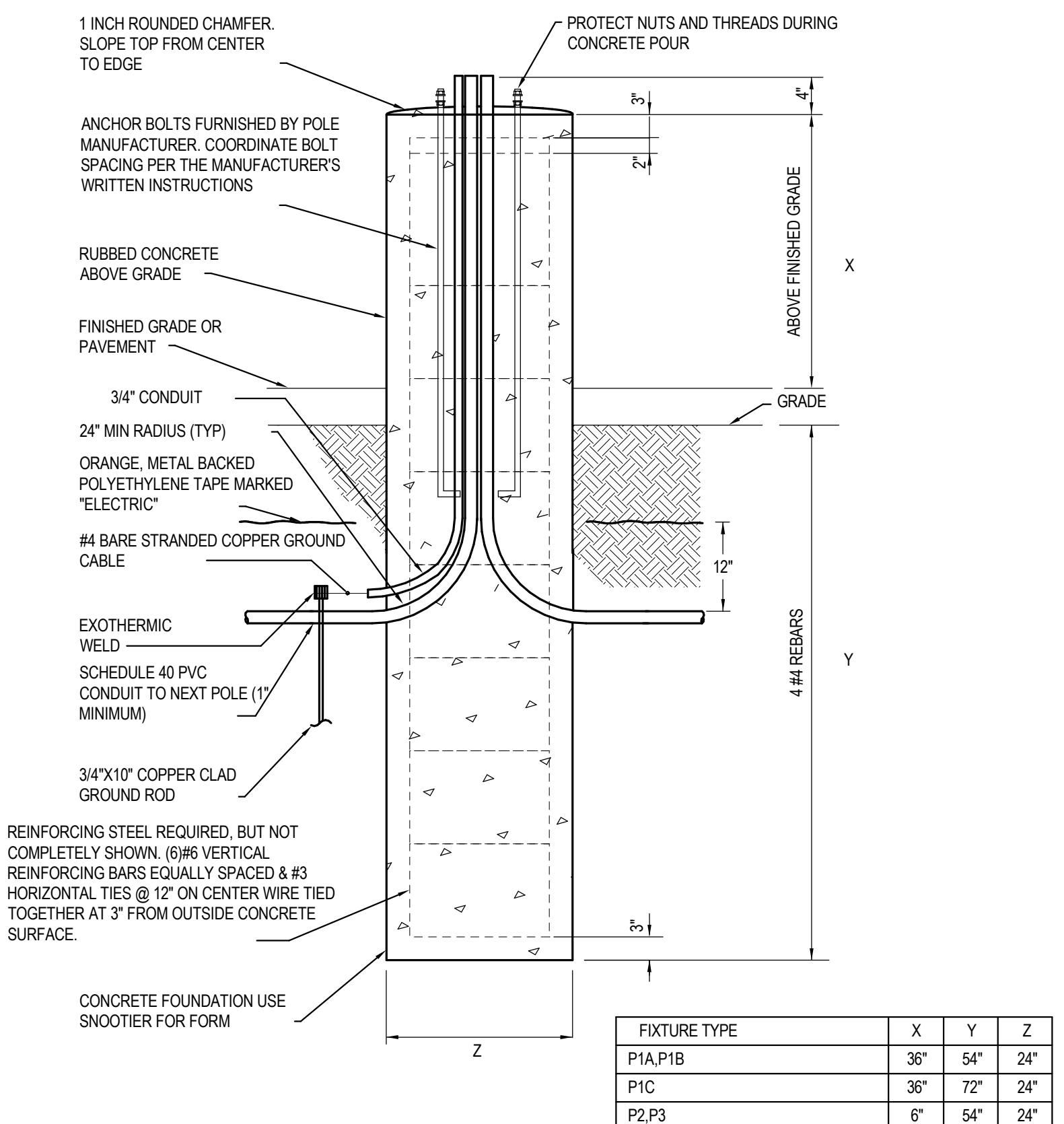
- MINIMUM REQUIRED SIZE OF BUS SHALL BE 6"X2"X10.25". PROVIDE LARGER SIZE AS REQUIRED. ALL CONNECTIONS MAY NOT BE EXPLICITLY SHOWN.
- GROUND BAR SHALL BE SOLID COPPER.
- ALL CONNECTIONS TO GROUND BAR WILL BE WITH 2-HOLE LUGS, 1/2-INCH BOLTS WITH LOCK WASHERS ON THE BACK, AND BELLVILLE WASHERS ON THE FRONT SIDE.

DETAIL CODED NOTES:

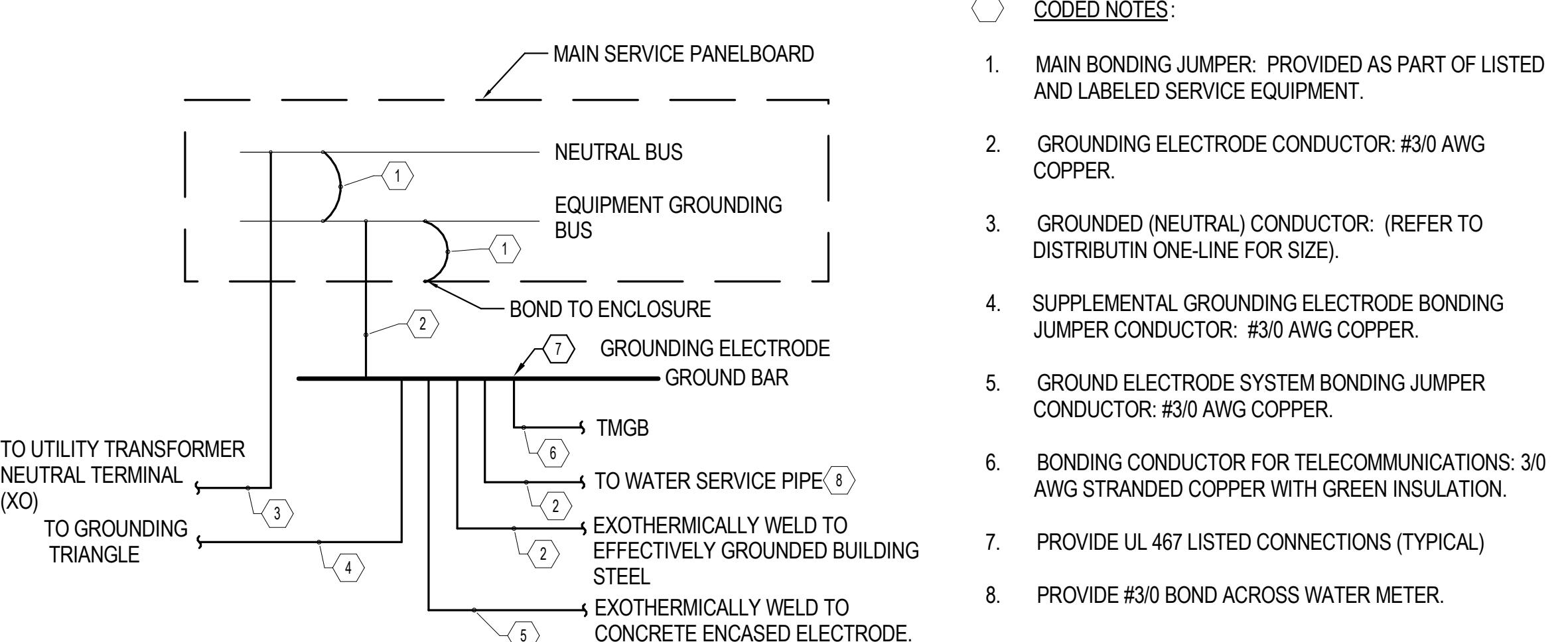
- ALL GROUND WIRING CONNECTING TO GROUNDING BUS BAR SHALL BE MINIMUM #30 AWG UNLESS NOTED OTHERWISE.



7 DETAIL - GROUND TRIANGLE
NTS



8 DETAIL - POLE BASE
NTS



9 DETAIL - SYSTEM GROUNDING
NTS

REVISION SCHEDULE

DATE REVISION DESCRIPTION

PROJECT NAME :

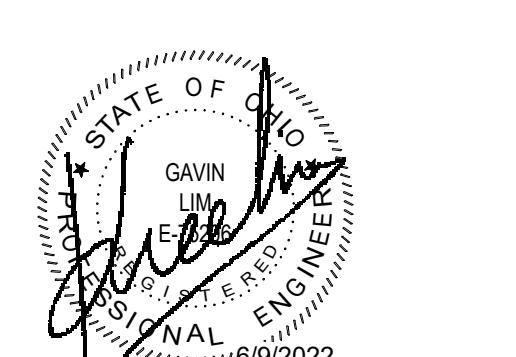
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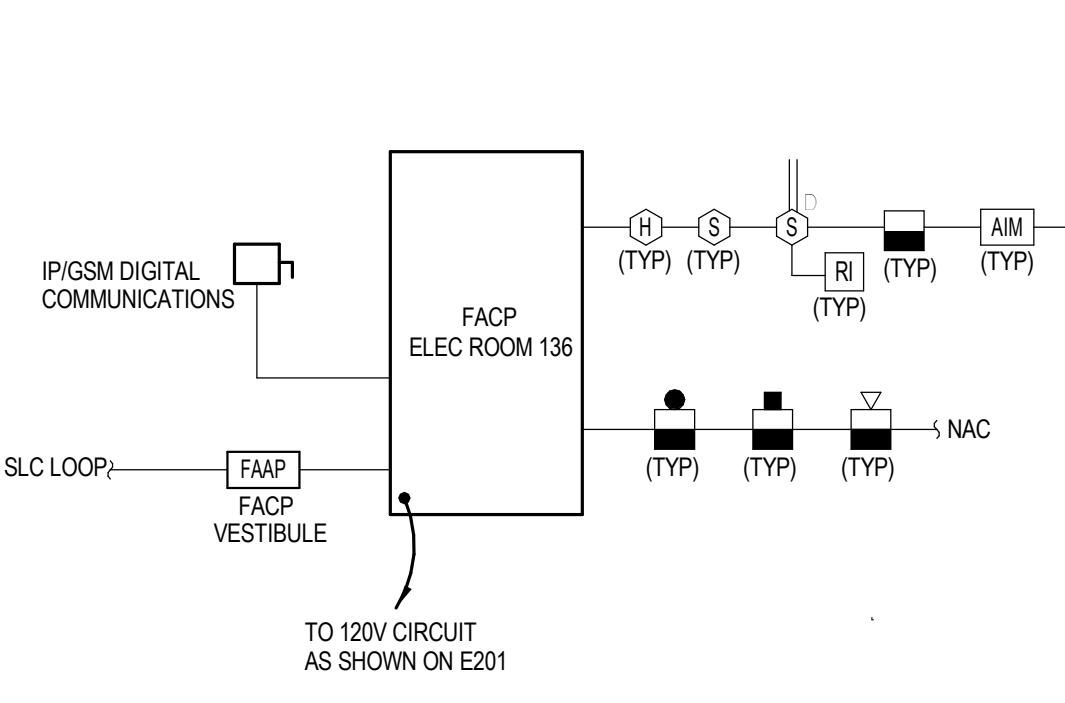
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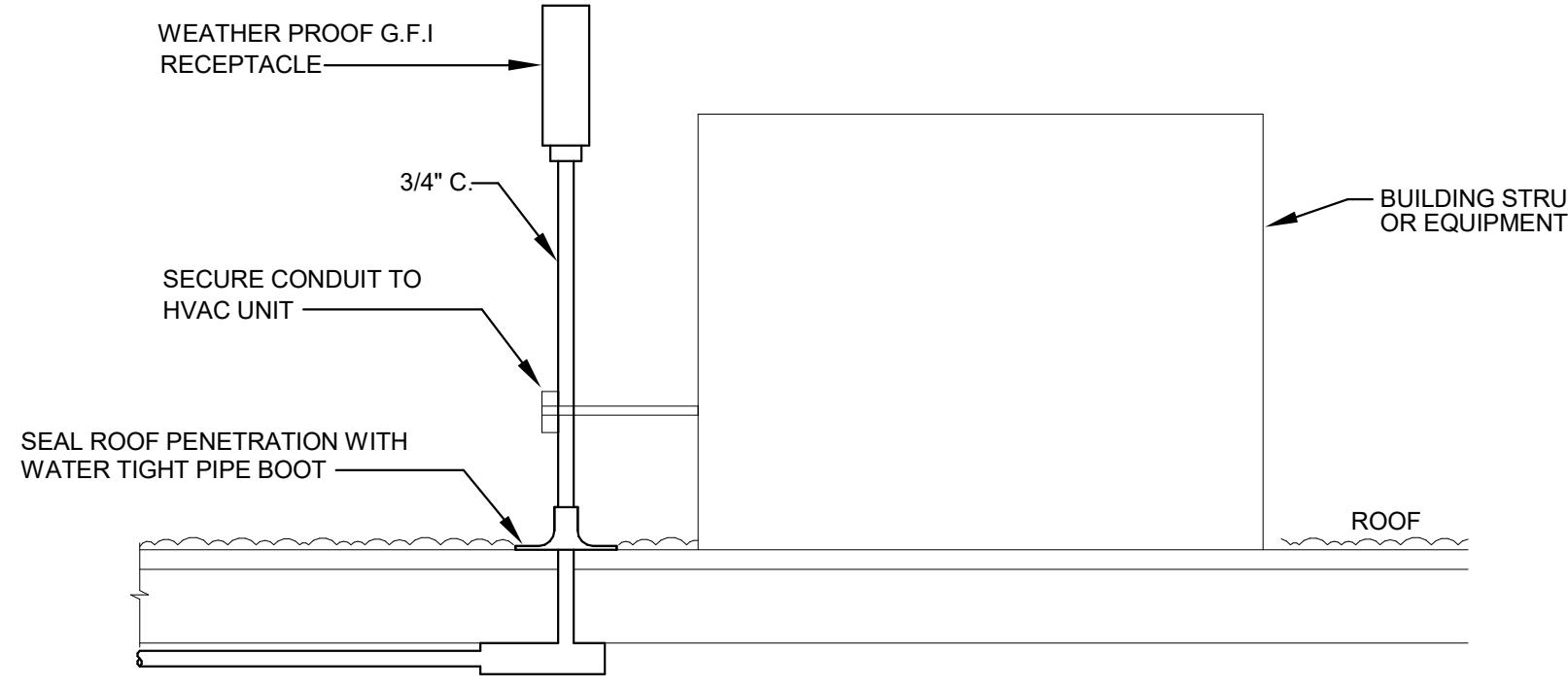


DETAILS - ELECTRICAL

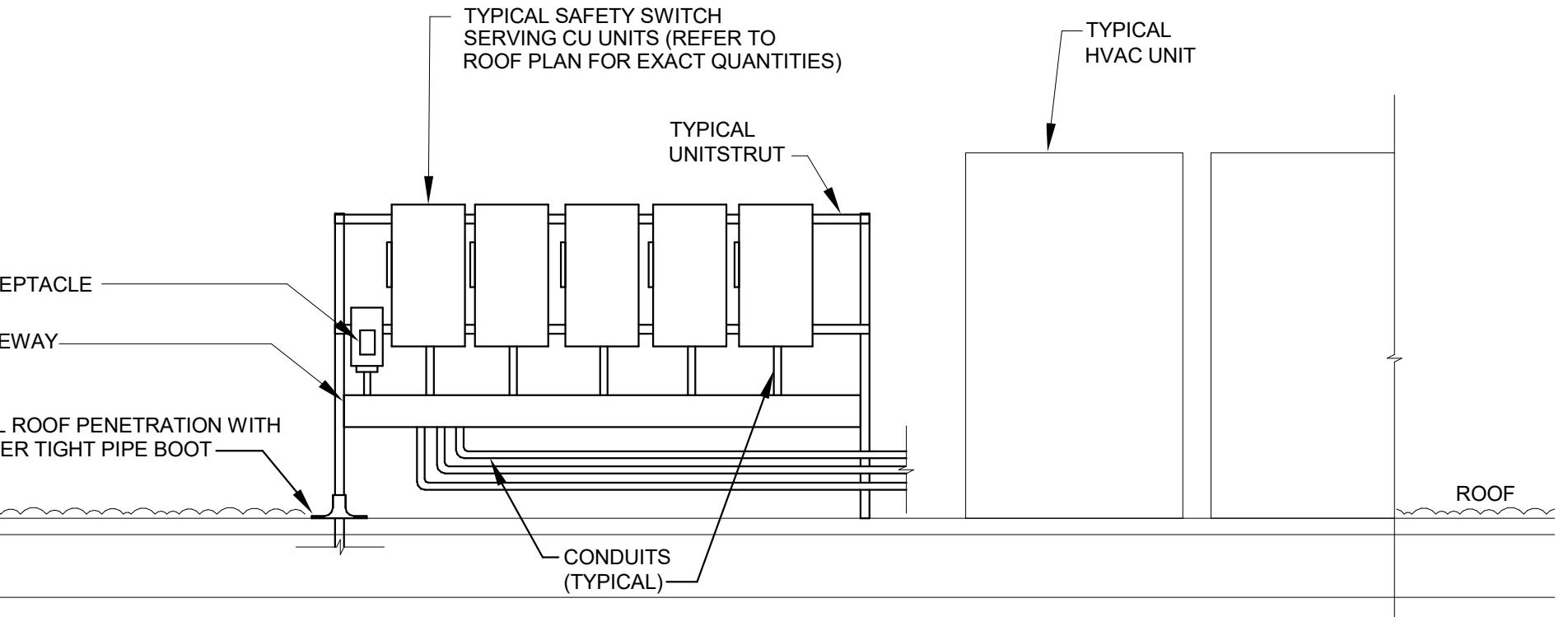
E5.01



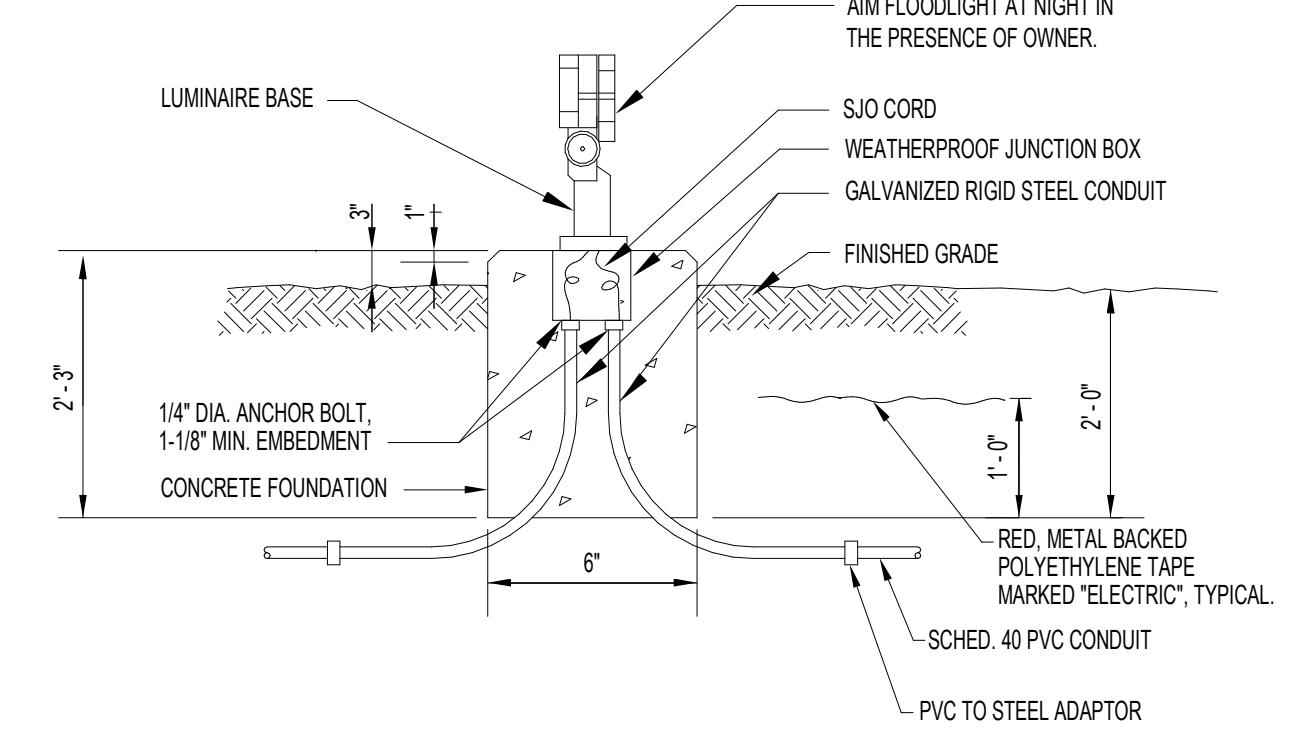
1 DETAIL - FIRE ALARM RISER SYSTEM SCHEMATIC
NTS



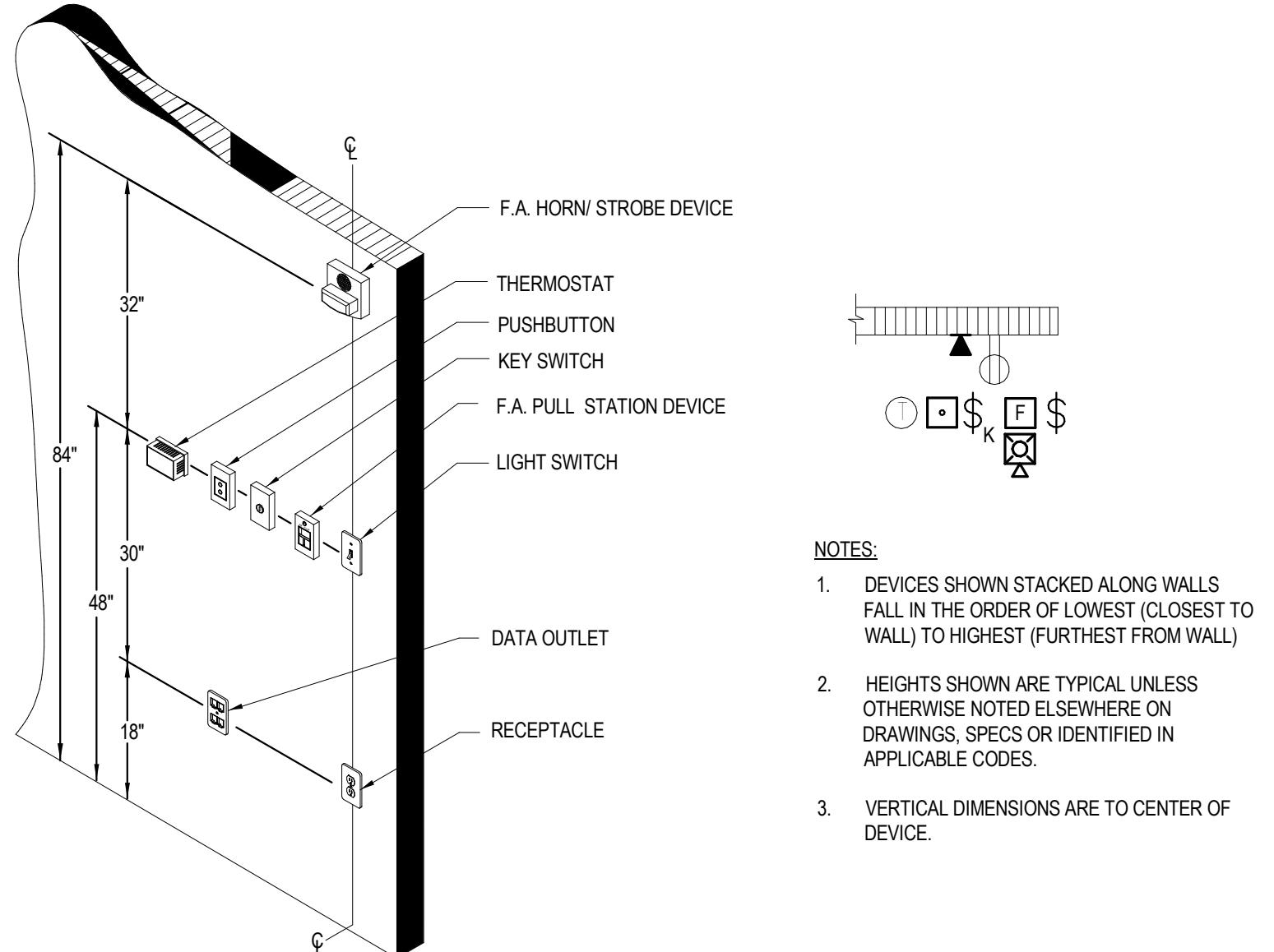
2 DETAIL - ROOFTOP EQUIPMENT LIGHT AND RECEPTACLE
NTS



3 DETAIL - TYPICAL SAFETY SWITCH MOUNTING
NTS



4 DETAIL - FLOOD LIGHTING MOUNT
NTS



5 DETAIL - WALL DEVICE ORIENTATION
NTS

REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION

PROJECT NAME :

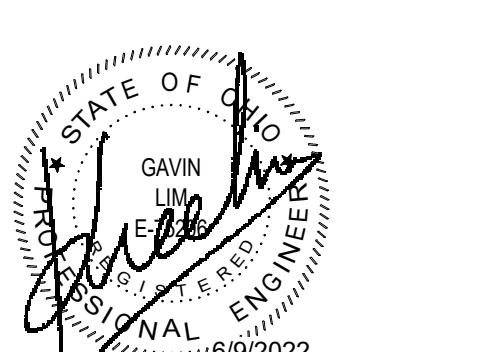
CML REYNOLDSBURG

1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068

100% CONSTRUCTION DOCUMENTS
ISSUED FOR BIDDING AND PERMITS

ISSUE DATE : 06/10/22

AEC ADVANCED
ENGINEERING
CONSULTANTS
Mechanical | Electrical | Plumbing | Fire Protection
1405 Dublin Road Tel: (614) 486-4778
Columbus, Ohio 43215 Fax: (614) 486-4082



DETAILS - ELECTRICAL

E5.02

GENERAL NOTE:

- A. UNLESS NOTED OTHERWISE ALL FINISHES SHALL BE SELECTED BY ARCHITECT.
 B. ALL LOOSE LAMPS SHALL BE SELECTED BY ARCHITECT.
 C. ALL FIXTURES MOUNTED ON EXTERIOR OF BUILDING SHALL BE WET LISTED.

LUMINAIRE SCHEDULE 1								LUMINAIRE SCHEDULE 2									
TYPE	DIMENSIONS	MOUNTING	CONSTRUCTION AND FINISH	DESCRIPTION AND OPTIONS	LAMPS/LUMENS	DRIVER(S)	VOLTAGE/ LOAD	APPROVED MANUFACTURER(S)	TYPE	DIMENSIONS	MOUNTING	CONSTRUCTION AND FINISH	DESCRIPTION AND OPTIONS	LAMPS/LUMENS	DRIVER(S)	VOLTAGE/ LOAD	APPROVED MANUFACTURER(S)
C1	6" DIA 5.5" HIGH	SURFACE	MARINE GRADE 6069 ALUMINUM, DIE CAST AND EXTRUDED	MONOPONT CYLINDER DOWNLIGHT MEDIUM DISTRIBUTION, FROSTED LENS, INTEGRAL COLD WEATHER BATTERY	4000K 2200 LUMENS	INTEGRAL 0-10V	120-277V 20W	LIGMAN LUE-80052-20W-M-W40-XX-120/277V-DIM-F WE-EP-DAC220LED BEGA	R5	2' X 4' 2" DEEP	RECESSED GRID	NARROW ALUMINUM BEZEL, GAUGE PLATE, ACRYLIC SHIELD	LED FLAT PANEL WHITE FROST LENS, IMPACT RESISTANT, DAMP LOCATION LISTED	4000K 4685 LUMENS	INTEGRAL 0-10V DIMMING	120-277V 41.4W	METALUX 2FP4740C ACQUITY GPK COLUMBIA
C2-8	5" X 8' 5" DEEP	SURFACE	EXTRUDED ALUMINUM HOUSING, ACRYLIC LENS	LINEAR SURFACE SLOT FROSTED LENS, BATWING DISTRIBUTION	4000K 1000 LUFIT	INTEGRAL 0-10V	120-277V 37W	FOCALPOINT FSM4LS-BW-1000LF-40K-UNV-LD1-SM-8'	R6	TBD	RECESSED	BLACK MEGOLON S530 JACKET	FIBER OPTICS	TBD	DIMMABLE	120-277V	MEGOFLEX GL S530 VLT CORP BL LIGHTING
G1	11" DIA 6" DIA	IN GRADE CAST IN CONCRETE	MARINE GRADE 6069 ALUMINUM, DIE CAST AND EXTRUDED	IN GRADE FLAG LIGHT ANTI SLIP LENS, ANTI GLARE LOUVER, IP67 RATED	4000K 3300 LUMENS	INTEGRAL 0-10V	120-277V 33W	LIGMAN LUK-60785-03W-UN-W40-120/277V WE-EP ETC330-FS LED BEGA	R7	3.3" DIA. 4.5" DEEP	RECESSED	ALUMINUM SWALLOW HOUSING, MATTE POWDER COATED FINISH	LED DOWNLIGHT	2200 LUMENS	INTEGRAL 0-10V DIMMING	120-277V 22W	USA BEVELED ALPHABET LUMENWERX V3SELRLPAT-D-WETL-ASDO-SW-80-1000-40-XX-X-X-UNV-D1
G2	6" DIA 3" DIA.	ON STANCHION	MARINE GRADE 6069 ALUMINUM, DIE CAST AND EXTRUDED	FLOOD LIGHT VERY NARROW DIRECTIONAL DISTRIBUTION, SAFETY GLASS, GASKETED, ADJUSTABLE HEAD, WET LOCATION LISTED, IP68 RATED, FUSE KIT	4000K 360 LUMENS	REMOTE	120-277V 4W	LIGMAN UTM-50552-2W LED-W40-01-120/277V HYDREL PINE VISION	R8	3" W X LENGTH AS SHOWN	RECESSED CONCRETE	EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	RECESSED LINEAR SLOT CONTINUOUS DIRECT/INDIRECT OPTIC, ASYMMETRIC DISTRIBUTION	4000K 1000 LUFIT	INTEGRAL 0-10V DIMMING	120-277V 88W	LUMENWERX V3SELRLPAT-D-WETL-ASDO-SW-80-1000-40-XX-X-X-UNV-D1
P1A	25"X23" 5" SQ	POLE MOUNTED 17" POLE REFER TO PLANS FOR BASE DETAIL	DIE CAST ALUMINUM 4" SQ ALUM POLE, 188" WALL THICK, FINISH BY ARCHITECT	SITE AREA LIGHT TYPE 2 DISTRIBUTION WITH SPILL CONTROL, MOTION SENSOR, BI-LEVEL DIM TO 30%, FUSE KIT	4000K MIN 1100 LUMENS	INTEGRAL BI-LEVEL DIMMING	120-277V 63W	MCGRAW GALN-SA3A-740-U-SL2-X-AHD245-SPB2 ACUTY DSX0 LED BLC BEACON	S1A-4	4" W X 4'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT/DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 37W	FOCAL POINT SEEM 4 FSM4LS-BW-BWBW-FLFL-1000DN-875UP-40K-1C-UNV-LD1-XX-X-4'
P1B	25"X23" "SQ	POLE MOUNTED 17" POLE REFER TO PLANS FOR BASE DETAIL	DIE CAST ALUMINUM 6" SQ ALUM POLE, 188" WALL THICK, DARK BRONZE	SITE AREA LIGHT TYPE 4 DISTRIBUTION WITH FORWARD THROW, MOTION SENSOR, BI-LEVEL DIM TO 30%, FUSE KIT	4000K MIN 9800 LUMENS	INTEGRAL BI-LEVEL DIMMING	120-277V 93W	MCGRAW GALN-SA3A-740-U-T4F-XX-AHD245-SPB2 ACUTY DSX0 LED 14M BEACON	S1A-8	4" W X 8'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT/DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 14W	FOCAL POINT SEEM 4 FSM4LS-BW-1000DN-875UP-40K-1C-UNV-LD1-XX-X-8'
P1C	25"X23" "SQ	POLE MOUNTED 17" POLE REFER TO PLANS FOR BASE DETAIL	DIE CAST ALUMINUM 6" SQ ALUM POLE, 188" WALL THICK, DARK BRONZE	DUAL HEAD SITE AREA LIGHT TYPE 5 DISTRIBUTION WITH SWIRE WIDE THROW, MOTION SENSOR, BI-LEVEL DIM TO 30%, FUSE KIT	4000K MIN 14000 LUMENS	INTEGRAL BI-LEVEL DIMMING	120-277V 186W	MCGRAW GALN-SA3A-740-U-5WQ-X-AHD245-SPB2 ACUTY DSX0 LED 15W BEACON	S1A-16	4" W X 16'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT/DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 148W	FOCAL POINT SEEM 4 FSM4LS-BW-1000DN-875UP-40K-1C-UNV-LD1-XX-X-16'
P2	26" DIA, 33" DEEP	POLE MOUNTED 12" POLE, SPIDER ARM MOUNT	DIE CAST ALUMINUM 6" SQ ALUM POLE, 188" WALL THICK, DARK BRONZE	SITE AREA LIGHT ASYMETRIC DISTRIBUTION, INTEGRAL MOTION SENSOR, BI-LEVEL DIM, FUSE KIT	4000K MIN 3600 LUMENS	INTEGRAL BI-LEVEL DIMMING	120-277V 48W	INVIEW LSX-VA-2-740-U-ASC-S-F-MS-L20 ACUTY RADEAN PT KIM	S1B-4	4" W X 4'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT/DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 32W	FOCAL POINT SEEM 4 FSM4LS-BW-1000LF-40K-1C-UNV-LD1-XX-X-4'
P3	19" W X 20'L 4.11" DEEP	POLE MOUNTED 19" POLE REFER TO PLANS FOR BASE DETAIL	DIE CAST ALUMINUM 6" SQ ALUM POLE, 188" WALL THICK, DARK BRONZE	AREA LIGHT 3 LIGHT POLY-CORPORATE STRAIGHT ALUMINUM POLE, COORDINATE AIMING WITH MANUFACTURER, FUSE KIT	4000K MIN 4400 LUMENS	INTEGRAL NON DIMMING	120-277V 78W	LIGMAN (1)UZA-2001-9N-8040 (2) UZA-2001-M-8040 WE-EP FLC230LED LUMENPLUR	S1B-8	4" W X 8'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT/DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 64W	FOCAL POINT SEEM 4 FSM4LS-BW-1000LF-40K-1C-UNV-LD1-XX-X-8'
R1A	3.5" W X 4' L 3.75" DEEP	RECESSED/ DRYWALL	RECESSED ALUMINUM BODY WITH MICROPRISMATIC ACRYLIC LENS	RECESSED LINEAR SLOT ASYMMETRIC FLUSH LENS	4000K 1000 LUFIT	INTEGRAL 0-10V DIMMING	120-277V 53W/4FT	FOCAL POINT FSM4AL-FF-1000LF-40K-1C-UNV-LD1-TF-4	S1B-12	4" W X 12'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 96W	FOCAL POINT SEEM 4 FSM4LS-BW-1000LF-40K-1C-UNV-LD1-XX-X-12'
R1B	5" W X 4'L 4.11" DEEP	RECESSED/ DRYWALL	EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	RECESSED LINEAR SLOT FROSTED ALUMINUM LENS, BATWING DISTRIBUTION	4000K 1000 LUFIT	INTEGRAL 0-10V DIMMING	120-277V 37W/4FT	FOCAL POINT FSM4AL-BW-1000LF-40K-1C-UNV-LD1-TF-4	S1B-16	4" W X 16'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 128W	FOCAL POINT SEEM 4 FSM4LS-BW-1000LF-40K-1C-UNV-LD1-XX-X-16'
R2A-G4	5" W X 4'L 4.11" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	RECESSED LINEAR SLOT FROSTED ACRYLIC LENS, BATWING DISTRIBUTION	4000K 1000 LUFIT	INTEGRAL 0-10V DIMMING	120-277V 37W/4FT	FOCAL POINT FSM4AL-BW-1000LF-40K-1C-UNV-LD1-G1-WH-4	S1B-20	4" W X 20'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 160W	FOCAL POINT SEEM 4 FSM4LS-BW-1000LF-40K-1C-UNV-LD1-XX-X-20'
R2A-H16	5" W X 16'L 4.11" DEEP	RECESSED WOOD	EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	RECESSED LINEAR SLOT FROSTED ACRYLIC LENS, BATWING DISTRIBUTION	4000K 1000 LUFIT	INTEGRAL 0-10V DIMMING	120-277V 148W	FOCAL POINT FSM4AL-BW-1000LF-40K-1C-UNV-LD1-TFW-WH-16	S1B-20A	4" W X 20'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 160W	FOCAL POINT SEEM 4 FSM4LS-BW-1000LF-40K-1C-UNV-LD1-XX-X-20'
R2A-H20	5" W X 20'L 4.11" DEEP	RECESSED WOOD	EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	RECESSED LINEAR SLOT FROSTED ACRYLIC LENS, BATWING DISTRIBUTION	4000K 1000 LUFIT	INTEGRAL 0-10V DIMMING	120-277V 185W	FOCAL POINT FSM4AL-BW-1000LF-40K-1C-UNV-LD1-TFW-WH-20	S1B-28	4" W X 28'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 224W	FOCAL POINT SEEM 4 FSM4LS-BW-1000LF-40K-1C-UNV-LD1-XX-X-28'
R2A-24	5" W X 20'L 4.11" DEEP	RECESSED WOOD	EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	RECESSED LINEAR SLOT FROSTED ACRYLIC LENS, BATWING DISTRIBUTION	4000K 1000 LUFIT	INTEGRAL 0-10V DIMMING	120-277V 185W	FOCAL POINT FSM4AL-BW-1000LF-40K-1C-UNV-LD1-TFW-WH-24	S1B-32	4" W X 32'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 256W	FOCAL POINT SEEM 4 FSM4LS-BW-1000LF-40K-1C-UNV-LD1-XX-X-32'
R2B-G4	5" W X 4'L 4.11" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	RECESSED LINEAR SLOT FROSTED ACRYLIC LENS, BATWING DISTRIBUTION	4000K 625LUFIT	INTEGRAL 0-10V DIMMING	120-277V 22W	FOCAL POINT FSM4AL-BW-625L-40K-1C-UNV-LD1-G1-WH-4	S1B-36	4" W X 36'L 4.5" DEEP	SUSPENDED/CABLE	ALUMINUM HOUSING, WHITE FINISH	SUSPENDED DIRECT LINEAR BATWING OPTIC UPLIGHT DISTRIBUTION/FLUSH DOWN LENS	4000K 1000 LUFIT DN 875LUFIT UP	INTEGRAL 0-10V DIMMING	120-277V 288W	FOCAL POINT SEEM 4 FSM4LS-BW-1000LF-40K-1C-UNV-LD1-XX-X-36'
R2B-G12	5" W X 12'L 4.11" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	RECESSED LINEAR SLOT FROSTED ACRYLIC LENS, BATWING DISTRIBUTION	4000K 625LUFIT	INTEGRAL 0-10V DIMMING	120-277V 66W	FOCAL POINT FSM4AL-BW-625L-40K-1C-UNV-LD1-G1-WH-12	S2A	47" DIA 14" HIGH	SUSPENDED	FINS AND HUBS MADE OF PET FELT RECYCLED CONTENT	ACOUSTIC PENDANT FROSTED ACRYLIC DIFFUSER TUBE, WIDE FLOOD, FIN COLOR TBD BY ARCHITECT, CLUSTER OF FIVE	4000K 2100 LUFIT	CANOPY 0-10V DIMMING	120-277V 125W	LIGHTART ECHO ACC-5HP-ECO-E478-X-X-CG-840CK-2000LM-WFL-PCE-LV01-STD-XX-XX
R2B-G16	5" W X 16'L 4.11" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	RECESSED LINEAR SLOT FROSTED ACRYLIC LENS, BATWING DISTRIBUTION	4000K 625LUFIT	INTEGRAL 0-10V DIMMING	120-277V 88W	FOCAL POINT FSM4AL-BW-625L-40K-1C-UNV-LD1-G1-WH-16	S2B	47" DIA 14" HIGH	SUSPENDED	FINS AND HUBS MADE OF PET FELT RECYCLED CONTENT	ACOUSTIC PENDANT FROSTED ACRYLIC DIFFUSER TUBE, WIDE FLOOD, FIN COLOR TBD BY ARCHITECT, CLUSTER OF THREE	4000K 1000 LUFIT	CANOPY 0-10V DIMMING	120-277V 75W	LIGHTART ECHO ACC-5HP-ECO-E478-X-X-CG-840CK-2000LM-WFL-PCE-LV01-STD-XX-XX
R2C-G4	5" W X 4'L 4.11" DEEP	RECESSED GRID	EXTRUDED ALUMINUM HOUSING, EXTRUDED ACRYLIC LENS	RECESSED LINEAR SLOT FROSTED ACRYLIC LENS, BATWING DISTRIBUTION	4000K 275LUFIT	INTEGRAL 0-10V DIMMING	120-277V 10W	FOCAL POINT FSM4AL-BW-275L-40K-1C-UNV-LD1-G1-W									

LIGHTING ROOM CONTROLS								
ROOM NO.	DESCRIPTION	TARGET-FOOTCANDLE	TARGET HEIGHT	Avg/min	CONTROL SOURCE	CONTROL TYPE	CONTROL ZONE	REMARKS
100	VESTIBULE	15	0"	2:1	BAS	TC	ZONE 1-1	TIME CONTROL FOR "ON" DURING OPERATION HOURS
101	LOBBY/ENTRY HALL	50	30"	2:1	BAS	TC/LS	ZONE 1-1a	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
102 & 103	MEN & WOMEN	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
104	JANITOR	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
105	CATERING	50	36"	3:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
106	COMMUNITY ALCOVE	30	30"	2:1	BAS	TC/LS	ZONE 1-1b	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
107	BUSINESS CENTER	30	30"	2:1	BAS	TC/LS	ZONE 1-1b	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
108	RESERVES	30	30"	2:1	BAS	TC/LS/DS	ZONE 1-1b,c	b:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE c:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
109	LOUNGE	30	30"	2:1	BAS	TC/LS/DS	ZONE 1-1b,c	b:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE c:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
110	MEETING ROOM	30	30"	3:1	BAS	OS/DM/PS/LS	ZONE 1-2a	COMMON CONTROLS WHEN ROOMS ARE OPENED TO EACH OTHER/AUTO 50% ON/AUTO OFF/TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
111	MEETING ROOM	30	30"	3:1	BAS	OS/DM/PS/LS	ZONE 1-2b	COMMON CONTROLS WHEN ROOMS ARE OPENED TO EACH OTHER/AUTO 50% ON/AUTO OFF/TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
112	MEETING ROOM	30	30"	3:1	BAS	OS/DM/PS/LS	ZONE 1-2c	COMMON CONTROLS WHEN ROOMS ARE OPENED TO EACH OTHER/AUTO 50% ON/AUTO OFF/TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
113	STORAGE	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
114	STAIRS 2	5	0"	2:1	LOCAL	OS-DT/DM	LOCAL	DIM TO 30% WHEN OCCUPIED
115	RECEIVING	30	30"	2:1	BAS	TC/LS	ZONE 1-3	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
116	WATER ROOM	20	36"	3:1	LOCAL	LS	LOCAL	MANUAL ON/MANUAL OFF
117	BOOK DROP	15	30"	2:1	LOCAL	TS	LOCAL	MANUAL ON/AUTO OFF
118	TBD							
119	ELECTRIC ROOM	20	36"	3:1	LOCAL	LS	LOCAL	MANUAL ON/MANUAL OFF
120								
121	PROCESSING	30	30"	2:1	BAS	TC/LS	ZONE 1-3	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
122	LOCKERS	30	0"	2:1	BAS	TC/LS	ZONE 1-3	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
123	B.O.H. HALL 123	10	0"	2:1	BAS	TC/LS	ZONE 1-3	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
124	WC - STAFF RR	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
125	IT	50	36	3:1	LOCAL	LS	LOCAL	MANUAL ON/AUTO OFF
126	WC - STAFF RR	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
127	ELEVATOR	20	0"	2:1	LOCAL	LS	LOCAL	IN ELEVATOR PIT
128	RETURNS	30	30"	3:1	BAS	TC/LS	ZONE 1-3	AUTO 50% ON/AUTO OFF
129	ELEVATOR	20	0"	2:1	LOCAL	LS	LOCAL	IN ELEVATOR PIT
130	PM STORAGE	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
131	STAFF LOUNGE	15	30"	3:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
132	MANAGER'S OFFICE	30	30"	3:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
133	STORAGE	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
134	KITCHEN	50	36"	3:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
135	STAFF 135	20	0"	3:1	LOCAL	OS/DM	LOCAL	LOCAL DIMMER FOR DIMMING DOWN TO 30%
136	PRIVACY	30	30"	3:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
137	STORAGE/OFFICE	30	30"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
138	PRIVACY	15	30"	2:1	LOCAL	OS/DM	LOCAL	AUTO 50% ON/AUTO OFF
139	FAMILY RR	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
140	PROGRAM SPACE	30	30"	3:1	BAS	TC/LS/DS	ZONE 1-4	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
141	READ FOR K	50	0"	3:1	BAS	TC/LS/DS	ZONE 1-4,a	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE a:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
142	YOUNG CHILDREN'S	50	0"	3:1	BAS	TC/LS/DS	ZONE 1-4,a	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE a:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
143	TWEENS	50	0"	3:1	BAS	TC/LS/DS	ZONE 1-4	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
144	SCHOOL HELP	30	30"	3:1	BAS	TC/DM/DS	ZONE 1-5	TIME CONTROL WITH LOCAL DIMMER FOR DIMMING DOWN TO 30% DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
144	SCHOOL HELP	30	30"	3:1	BAS	TC/DM/DS	ZONE 1-5,a,b	a:TIME CONTROL WITH LOCAL DIMMER FOR DIMMING DOWN TO 30% b:TIME CONTROL WITH LOCAL DIMMER FOR DIMMING DOWN TO 30% DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
145, 245	STAIRS 1	5	0"	2:1	LOCAL	OS-DT/DM	LOCAL	DIM TO 30% WHEN OCCUPIED
200.1, 200.2, 200.3	READING/STUDY AREA	50	30"	3:1	BAS	TC/LS	ZONE 2-1	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
201	PUBLIC PC'S	30	30"	2:1	BAS	TC/LS	ZONE 2-2	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
202	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
203	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
204	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
205	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
206	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
207	STAIRS 2	5	0"	2:1	LOCAL	OS-DT/DM	LOCAL	DIM TO 30% WHEN OCCUPIED
208	STORAGE	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
209	RESTROOM	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
210	RESTROOM	15	30"	2:1	LOCAL	OS-DT	LOCAL	AUTO ON/AUTO OFF
211	IT	50	36	3:1	LOCAL	LS	LOCAL	MANUAL ON/AUTO OFF
212	JANITOR	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/MANUAL OFF
213	STORAGE	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
214	TEENS STORAGE	10	0"	3:1	LOCAL	OS	LOCAL	MANUAL ON/AUTO OFF
215	TEENS	50	30"	3:1	BAS	TC/LS/OS/DM/DS	ZONES 2-2	DAYLIGHT HARVESTING
216	COLLECTIONS	50	0"	3:1	BAS	TC/LS/DS	ZONES 2-3,3a	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE a:TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE/DAYLIGHT HARVESTING (DAYLIGHT MIN 20% TRIM)
217	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
218	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
219	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
220	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
221	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
222	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
223	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
224	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
225	STUDY ROOM	50	30"	3:1	LOCAL	OS-DT/DM	LOCAL	AUTO 50% ON/AUTO OFF
226								
234	QUIET STUDY	50	30"	2:1	LOCAL	LS/OS/DM	LOCAL	AT ELEVATOR DOOR AND TOP OF ELEVATOR SHAFT
227	ELEVATOR	20	0"	2:1	LOCAL	LS	LOCAL	AT ELEVATOR DOOR AND TOP OF ELEVATOR SHAFT
229	ELEVATOR	20	0"	2:1	LOCAL	OS-DT/DM	LOCAL	DIM TO 30% WHEN OCCUPIED
114, 207	STAIRS 2	5	0"	2:1	LOCAL	OS-DT/DM	LOCAL	DIM TO 30% WHEN OCCUPIED
2ND FLR	ENTRY HALL	10	0"	2:1	BAS	TC/LS	ZONE 1-3	TIME CONTROL WITH ON/OFF SWITCH FOR AFTER HOURS OVERRIDE
EXTERIOR	ENTRANCE CANOPY	5	0"	2:1	BAS	TC	ZONES 4-1	ON FROM DUSK TO DAWN
EXTERIOR	PARKING LOT	1.5	0"	3:1	BAS	TC/OC	ZONES 4-2	ON FROM DUSK TO DAWN DIM TO 30% WHEN UN-OCCUPIED
EXTERIOR	PARKING LOT RECEPTACLES				BAS		ZONES 4-3	TIME CONTROL ON/OFF
EXTERIOR	GROUND LIGHTS				BAS	TC/OC	ZONES 4-4	ON FROM DUSK TO DAWN
EXTERIOR	CANOPY				BAS	TC/OC	ZONES 4-5	ON FROM DUSK TO DAWN

AFTER HOURS OVERRIDE - MAXIMUM OF 2HRS: FLASH LIGHTS 10 MINUTES PRIOR TO AUTO OFF.
TIME CLOCK CONTROLS - COORDINATE WITH CML FOR ON AND OFF TIMES FOR EACH "TC" ZONE

REVISION SCHEDULE
DATE REVISION DESCRIPTION
1 07.05.22 Addendum 01

PROJECT NAME :
CML REYNOLDSBURG

1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068
100% CONSTRUCTION DOCUMENTS
ISSUED FOR BIDDING AND PERMITS
ISSUE DATE : 06/10/22

AFC ADVANCED
ENGINEERING
CONSULTANTS
Mechanical | Electrical | Plumbing | Fire Protection
1405 Dublin Road Tel: (614) 486-4778
Columbus, Ohio 43215 Fax: (614) 486-4082

SCHEDULES - ELECTRICAL

E6.02

Branch Panel: L1															
Location: ELECTRIC 119 Supply From: MDP Mounting: Surface Enclosure: Type 1				Volts: 120/208 Wye Phases: 3 Wires: 4				A.I.C. Rating: 22,000 Mains Type: MLO Mains Rating: 100 A							
Notes:															
CKT	Wire Size	Circuit Description	Trip	Brkr Opt	A		B		C		Brkr Opt	Trip	Circuit Description	Wire Size	CKT
1	12	LTG -115-117,121,123,128,131-134	20 A		1.39	0.10						20 A	RP1 - Electric 119	12	2
3	12	LTG - 125,135-139	20 A				0.73	0.63				20 A	LTG - SITE	10	4
5	12	LTG - 102-106,113,114,122A,130,126,124	20 A						0.94	0.00				10	6
7	6	LTG - SITE	20 A		0.92	0.54						20 A	RECEPTACLE POLE MTD	10	8
9							0.00	0.14				20 A	CAMERA - SITE	10	10
11	10	LTG - SITE/GROUND	20 A						0.12	0.66		20 A	LTG - 110,111,112	12	12
13	12	LTG - 106,107,108,109	20 A		1.28	2.04						20 A	LTG - 141,142	12	14
15	12	LTG ELEV 127,129	20 A				0.12	0.27				20 A	LTG - 142	12	16
17	12	LTG - PROGRAM 140	20 A						0.56	0.89		20 A	LTG - 143	12	18
19	12	LTG - 144,145	20 A		0.80	1.40						20 A	LTG - CANOPY	12	20
21	12	LTG - 101	20 A				0.62	1.40				20 A	LTG - CANOPY	12	22
23	12	LTG - BLDG MTD	20 A						0.09	1.40		20 A	LTG - CANOPY	12	24
25	8	MONUMENT SIGN	20 A		0.50	1.40						20 A	LTG - CANOPY	12	26
27	12	LTG - K SIGN	20 A				0.50	1.40				20 A	LTG - CANOPY	12	28
29	12	LTG - BOOKCASE	20 A						1.10	0.20		20 A	LTG - BOOKCASE	12	30
31	12	LTG - BOOKCASE	20 A		0.40	0.20						20 A	LTG - BOOKCASE	12	32
33	12	LTG - BOOKCASE	20 A				0.20	0.80				20 A	LTG - BOOKCASE	12	34
35	SPARE		20 A						0.00	0.20		20 A	LTG - BOOKCASE	12	36
37	SPARE		20 A		0.00	0.00						20 A	SPARE		38
39	SPARE		20 A				0.00	0.00				20 A	SPARE		40
41	SPARE		20 A						0.00	0.00		20 A	SPARE		42
Total Load:					10.93 kVA		6.78 kVA		6.17 kVA						

Total Amps:	92 A	57 A	51 A	
Legend:				
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	16936 VA	100.00%	16936 VA	
Lighting - Exterior	1556 VA	125.00%	1945 VA	Total Conn. Load: 23770 VA
Other	570 VA	100.00%	570 VA	Total Est. Demand: 24142 VA
Power	4240 VA	100.00%	4240 VA	Total Conn.: 66 A
Receptacle	540 VA	100.00%	540 VA	Total Est. Demand: 67 A

Branch Panel: L2

Location: STORAGE 213

Supply From: MDP

Mounting: Surface

Enclosure: Type 1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10,000

Mains Type: MCB

Mains Rating: 100 A

MCB Rating: 100 A

Notes:

Ckt	Wire Size	Circuit Description	Trip	Brkr Opt	A		B		C		Brkr Opt	Trip	Circuit Description	Wire Size	Ckt	
					1.30	1.50	0.41	0.40	0.64	0.77						
1	12	LTG - 200.1,216	20 A									20 A	LTG - 200.1,216	12	2	
3	12	LTG - 200.1,234	20 A									20 A	LTG - 217-226	12	4	
5	12	LTG - 215,235	20 A									20 A	LTG - 216	12	6	
7	12	LTG - 202-214	20 A		0.94	0.59						20 A	LTG - 216	12	8	
9	12	LTG - 216	20 A				1.15	1.07				20 A	LTG - 200.2	12	10	
11	12	LTG - 216	20 A						1.15	0.12		20 A	LTG - ELEVATOR	12	12	
13	12	LTG - 201,215	20 A		1.04	0.94						20 A	LTG - 2ND FLOOR ENTRY	12	14	
15	12	LTG - ROOF	20 A				0.07	0.09				20 A	LTG - 2ND FLOOR ENTRY	12	16	
17	12	LTG - 2ND FLOOR ENTRY	20 A						1.18	0.50		20 A	LTG - BOOKCASE	12	18	
19		SPARE	20 A		0.00	0.50						20 A	LTG - BOOKCASE	12	20	
21		SPARE	20 A				0.00	0.00				20 A	SPARE		22	
23		SPARE	20 A						0.00	0.00		20 A	SPARE		24	
25		SPARE	20 A		0.00	0.00						20 A	SPARE		26	
27		SPARE	20 A				0.00	0.00				20 A	SPARE		28	
29		SPARE	20 A						0.00	0.00		20 A	SPARE		30	
31		SPARE	20 A		0.00	0.00						20 A	SPARE		32	
33		SPARE	20 A				0.00	0.00				20 A	SPARE		34	
35		SPARE	20 A						0.00	0.00		20 A	SPARE		36	
37		SPARE	20 A		0.00	0.00						20 A	SPARE		38	
39		SPARE	20 A				0.00	0.00				20 A	SPARE		40	
41		SPARE	20 A						0.00	0.00		20 A	SPARE		42	
Total Load:					6.81 kVA		3.18 kVA		4.36 kVA							
Total Amps:					58 A		27 A		38 A							

Total Amps.	38 A	27 A	38 A		
Legend:					
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	12964 VA	100.00%	12964 VA		
Power	1000 VA	100.00%	1000 VA	Total Conn. Load:	14350 VA
Altro	386 VA	100.00%	386 VA	Total Est. Demand:	14350 VA
				Total Conn.:	40 A
				Total Est. Demand:	40 A

Branch Panel: EV			
Location:	ELECTRIC 119	Volts:	120/208 Wye
Supply From:	MDP	Phases:	3
Mounting:	Surface	Wires:	4
Enclosure:	Type 1	A.I.C. Rating:	22,000
		Mains Type:	MLO
		Mains Rating:	225 A

Circuit Breaker Trip Log															
Circuit Breaker Number	Wire Size	Circuit Description	Trip	Brkr Opt	A		B		C		Brkr Opt	Trip	Circuit Description	Wire Size	Circuit Breaker Number
					Current A1	Current A2	Current B1	Current B2	Current C1	Current C2					
1	FUTURE EV CHARGING		40 A		0.00	0.00						40 A	FUTURE EV CHARGING	2	2
3							0.00	0.00							
5	FUTURE EV CHARGING		40 A						0.00	0.00		40 A	FUTURE EV CHARGING	6	6
7					0.00	0.00									
9	SPARE		40 A				0.00	0.00				40 A	SPARE	10	10
11									0.00	0.00					
13	SPARE		40 A		0.00	0.00						40 A	SPARE	14	14
15							0.00	0.00							
17	SPACE		--						0.00	0.00		--	SPACE		18
19	SPACE		--		0.00	0.00						--	SPACE		20
21	SPACE		--				0.00	0.00				--	SPACE		22
23	SPACE		--						0.00	0.00		--	SPACE		24
25	SPACE		--		0.00	0.00						--	SPACE		26
27	SPACE		--				0.00	0.00				--	SPACE		28
29	SPACE		--						0.00	0.00		--	SPACE		30
31	SPACE		--		0.00	0.00						--	SPACE		32
33	SPACE		--				0.00	0.00				--	SPACE		34
35	SPACE		--						0.00	0.00		--	SPACE		36
37	SPACE		--		0.00	0.00						--	SPACE		38
39	SPACE		--				0.00	0.00				--	SPACE		40
41	SPACE		--						0.00	0.00		--	SPACE		42
Total Demand					0.00 kVA										

Total Load:	0.00 kVA	0.00 kVA	0.00 kVA
Total Amps:	0 A	0 A	0 A
Legend:			
Load Classification		Connected Load	Demand Factor
			Estimated Demand
			Panel Totals
			Total Conn. Load: 0 VA
			Total Est. Demand: 0 VA
			Total Conn.: 0 A
			Total Est. Demand: 0 A

Branch Panel: M1

Location: ELECTRIC 119
Supply From: MDP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65,000
Mains Type: MLO
Mains Rating: 225 A

Notes:

Ckt	Wire Size	Circuit Description	Trip	Brkr Opt	A		B		C		Brkr Opt	Trip	Circuit Description	Wire Size	Ckt
					1.31	0.87	1.31	0.87	1.25	1.50					
1	12	BASEBOARD HEATING - 101	20 A									20 A	BASEBOARD HEATING - 101	12	2
3							1.31	0.87							4
5	10	BASEBOARD HEATING - 141-142	20 A						1.25	1.50		20 A	BASEBOARD HEATING - 140-141	10	6
7					1.25	1.50									8
9	10	BASEBOARD HEATING - 143	20 A				1.25	1.25				20 A	BASEBOARD HEATING - 142	10	10
11									1.25	1.25					12
13	10	BASEBOARD HEATING - 143-144	20 A		1.25	0.04						15 A	FC-1 - VESTIBULE 100	12	14
15							1.25	0.04							16
17	12	FC-2, FC-14, BS-2-1 - STAFF 135, STORAGE 137	15 A						0.75	0.52		15 A	FC-3, FC-8 RETURNS 128	12	18
19					0.75	0.52									20
21	12	FC-4, BS-1-1 - STORAGE 113	15 A				0.44	0.77				15 A	FC-5,FC-6,FC-7 - MTG RM 110,111,112	12	22
23									0.44	0.77					24
25	12	FC-9,FC-12.FC-13 - MANAGER 132, STOR 133, STAFF 135	15 A		0.68	0.40						15 A	FC-10, FC-11, BS-1-2 - PROCESSING 121, STAFF LOUNGE 131, RECEIVING...	12	26
27							0.68	0.40							28
29	12	FC-17,FC-18, BS-2-2 - SCHOOL HELP 144	15 A						0.67	0.71		15 A	FC-15, FC-16 - YOUNG CHILDREN'S 142, TWEENS 143	12	30
31					0.67	0.71									32
33	12	EUH-1 - STAIR 1 145	20 A				1.50	0.25				20 A	EUH-2 - STAIR 2 114	12	34
35									1.50	0.25					36
37	12	EUH-3 - VESTIBULE 100	20 A		0.25	0.25						20 A	EUH-4 - WATER ROOM 116	12	38
39							0.25	0.25							40
41		SPARE	20 A						0.00	0.00		20 A	SPARE		42
Total Load:					10.45 kVA		10.51 kVA		10.85 kVA						

Total Amps:	87 A	88 A	91 A		
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Heating	21870 VA	100.00%	21870 VA		
Other	9936 VA	100.00%	9936 VA	Total Conn. Load:	31806 VA
				Total Est. Demand:	31806 VA
				Total Conn.:	88 A
				Total Est. Demand:	88 A

Branch Panel: M2

Location:
Supply From: MDP
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Mains Type: MCB
Mains Rating: 225 A
MCB Rating: 225 A

Notes:

Ckt	Wire Size	Circuit Description	Trip	Brkr Opt	A		B		C		Brkr Opt	Trip	Circuit Description	Wire Size	Ckt
					1.00	1.25									
1		BASEBOARD HEATING - 215	20 A									20 A	BASEBOARD HEATING - 200.1 SE		2
3							1.00	1.25							4
5		BASEBOARD HEATING - 215	20 A						0.75	1.25		20 A	BASEBOARD HEATING - 200.1 S		6
7					0.75	1.25									8
9		BASEBOARD HEATING - 200.1 SW	20 A				1.00	1.06				15 A	FC-19, FC-20, FC-21 - PUBLIC PCS 201		10
11									1.00	1.06					12
13		FC-22 - STUDY 206	15 A		0.19	0.97						15 A	FC-23, FC-24, FC-25 - TEEN 215, TEEN STUDIO 235		14
15							0.19	0.97							16
17		FC-26, FC-27 - STUDY x2 217, STUDY x2 220	15 A						0.54	0.90		15 A	FC-28, FC-31, FC-32 - QUIET STUDY 234		18
19					0.54	0.90									20
21		FC-29, FC-30, BS-4-1 - STUDY x2 221, STUDY x6 224, READING/STUDY 200.2	15 A				0.73	0.13				20 A	BS-3-1, BS-3-2 - STORAGE 213		22
23									0.73	0.13					24
25		EUH-5 - STORAGE 213	20 A		2.50	3.67						20 A	ACCU-1		26
27							2.50	3.67							28
29		EF-1 - ROOF	20 A						1.92	3.67					30
31		ACCU-2	20 A		0.00	0.00						20 A	SPARE		32
33							0.00	0.00							34
35									0.00	0.00					36
37		SPARE	20 A		0.00	0.00						20 A	SPARE		38
39		SPARE	20 A				0.00	0.00			40				
41		SPARE	20 A						0.00	0.00		20 A	SPARE		42
					Total Load:	13.01 kVA	12.49 kVA	11.94 kVA							
					Total Amps:	109 A	105 A	100 A							

Legend:		Total Amps.	100 A	100 A	100 A
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Cooling	11014 VA	100.00%	11014 VA		
Heating	15500 VA	100.00%	15500 VA	Total Conn. Load:	37452 VA
Other	10938 VA	100.00%	10938 VA	Total Est. Demand:	37452 VA
				Total Conn.:	104 A
				Total Est. Demand:	104 A

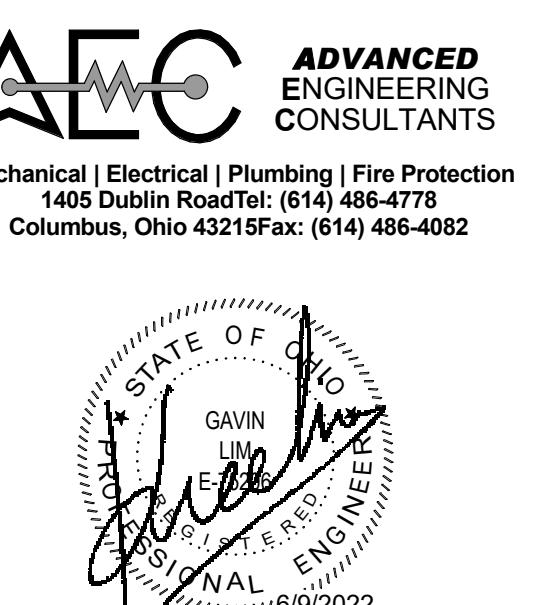
REVISION SCHEDULE	
DATE	REVISION DESCRIPTION

PROJECT NAME :

CML REYNOLDSBURG

1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068

ISSUED FOR BIDDING AND PERMITS



SCHEDULES - ELECTRICAL

E6.03

Branch Panel: P1													
Location: ELECTRIC 119 Supply From: MDP Mounting: Surface Enclosure: Type 1			Volts: 120/208 Wye Phases: 3 Wires: 4			A.I.C. Rating: 22,000 Mains Type: MLO Mains Rating: 225 A							
Notes:													
CKT	Wire Size	Circuit Description	Trip	Brkr Opt	A	B	C	Brkr Opt	Trip	Circuit Description	Wire Size	CKT	
1	12	EWC - Lounge147	20 A	GFCI	0.36	0.72			20 A	Recept - Men 103, Women 102	12	2	
3	12	Hand Dryer-Men 103	20 A			1.00	1.00		20 A	Hand Dryer - Women 102	12	4	
5	12	Hand Dryer-Men 103	20 A				1.00	1.00	20 A	Hand Dryer - Women 102	12	6	
7	12	Microwave - Catering 105	20 A	GFCI	1.20	0.90			20 A	Recept Jan. 104, Cater 105	12	8	
9	12	BAS Panel-Electric 119	20 A				1.00	0.40	20 A	Recept - Rms 115, 105, 109	12	10	
11	12	Recept - Processor 121, Receiving 115	20 A					1.26	1.00	40 A	EWH1 - Janitor 104	10	14
13	12	Recept - AV Rack-Storage 113	20 A		0.36	0.00			20 A	RCP1 - Janitor 104	12	16	
15	12	Recept - Processing 121	20 A			0.36	0.50		20 A	RCP1 - Janitor 104	12	24	
17	12	Recept - Exterior	20 A				0.90	0.36	20 A	Recept Storage 113, 122A	12	18	
19	12	Recept - Processing 121	20 A		0.36	0.72			20 A	Recept - Processing 121	12	20	
21	12	Recept - Reception Desk 101	20 A			1.08	1.00		20 A	Elevator Cab lighting - Electric Rm. 119	12	22	
23	12	Recept - Reception Desk 101	20 A				1.08	1.00	20 A	Elevator Cab lighting - Electric Rm. 119	12	24	
25	12	Recept - Vestibule 100, Business 107	20 A	LO	0.54	0.50			20 A	Book Security System - Vestibule 100	12	26	
27	12	FACP - ELEC 119	20 A		0.50	0.72			20 A	Recept - Alcove 106, Lounge 109	12	28	
29	12	Auto Sliding Door - Vestibule 100	20 A				0.20	0.54	20 A	Recept - Meeting Rm. 112	12	30	
31	12	Recept - Meeting Rm. 112	20 A		0.54	0.50			20 A	Scheduler Tablet - Meeting Rm. 112	12	32	
33	12	Motorized Shade - Meeting Rm. 112	20 A			0.30	0.50		20 A	Scheduler Tablet - Meeting Rm. 111	12	34	
35								0.64	1.20	20 A	Garage Door - Meeting Rm. 112	12	36
37	12	Movable Partition - Meeting Rms 111, 112	20 A		0.64	0.30			20 A	Motorized Shade - Meeting Rm. 111	12	38	
39										20 A		40	
41	12	Recept - Meeting Rm. 111	20 A				0.72	0.64	20 A	Movable Partition - Meeting Rms 110, 111	12	42	
43	12	Recept - Meeting Rm. 111	20 A		1.20	0.64			20 A		44		
45	12	Recept - Meeting Rm. 110, Lounge 109	20 A			0.72	0.50		20 A	Scheduler Tablet - Meeting Rm. 110	12	46	
47	12	Recept - Meeting Rm. 110, Exterior	20 A				0.54	0.54	20 A	Recept - Business Center 107	12	48	
49	12	Floor boxes - 109	20 A		0.72	0.50			20 A	Scheduler Tablet - School Help 144	12	50	
51	12	Printer - Business Center 107	20 A			1.00	0.50		20 A	Scheduler Tablet - School Help 144	12	52	
53	12	Copier - Business Center 107	20 A				1.00	0.18	20 A	Copier - School Help 144	12	54	
55	12	Aquarium - Entry Hall 101	20 A		0.36	0.36			20 A	Charging Carts - School Help 144	12	56	
57	12	Recept - School Help 144	20 A			0.36	0.54		20 A	Recept - School Help 144	12	58	
59	12	Comp. Docking Station - School Help 144	20 A				0.36	0.72	20 A	Recept - School Help 144, Exterior	12	60	
61	12	Comp. Docking Station - School Help 144	20 A		0.36	0.72			20 A	Recept - Self - Checkout - Entry Hall 101	12	62	
63	12	Recept - Young Children's 142	20 A			0.72	0.72		20 A	Recept - Self - Checkout - Entry Hall 101	12	64	
65	12	Fire Sprinkler Bell - Exterior	20 A				0.50	1.20	20 A	Garage Door - Meeting Rm. 110	12	66	
67	12	Doorbell	20 A		0.10	0.00			20 A	SPARE	68		
69			20 A					0.00	0.00	20 A	SPARE	70	
71			20 A							20 A	SPARE	72	
73			20 A		0.00	0.00				20 A	SPARE	74	
75			20 A			0.00	0.00			20 A	SPARE	76	
77			20 A				0.00	0.00		20 A	SPARE	78	
79			20 A		0.00	0.00				20 A	SPARE	80	
81			20 A				0.00	0.00		20 A	SPARE	82	
83			20 A					0.00	0.00	20 A	SPARE	84	
Total Load:			12.60 kVA		14.70 kVA								
Total Amps:			105 A		125 A								

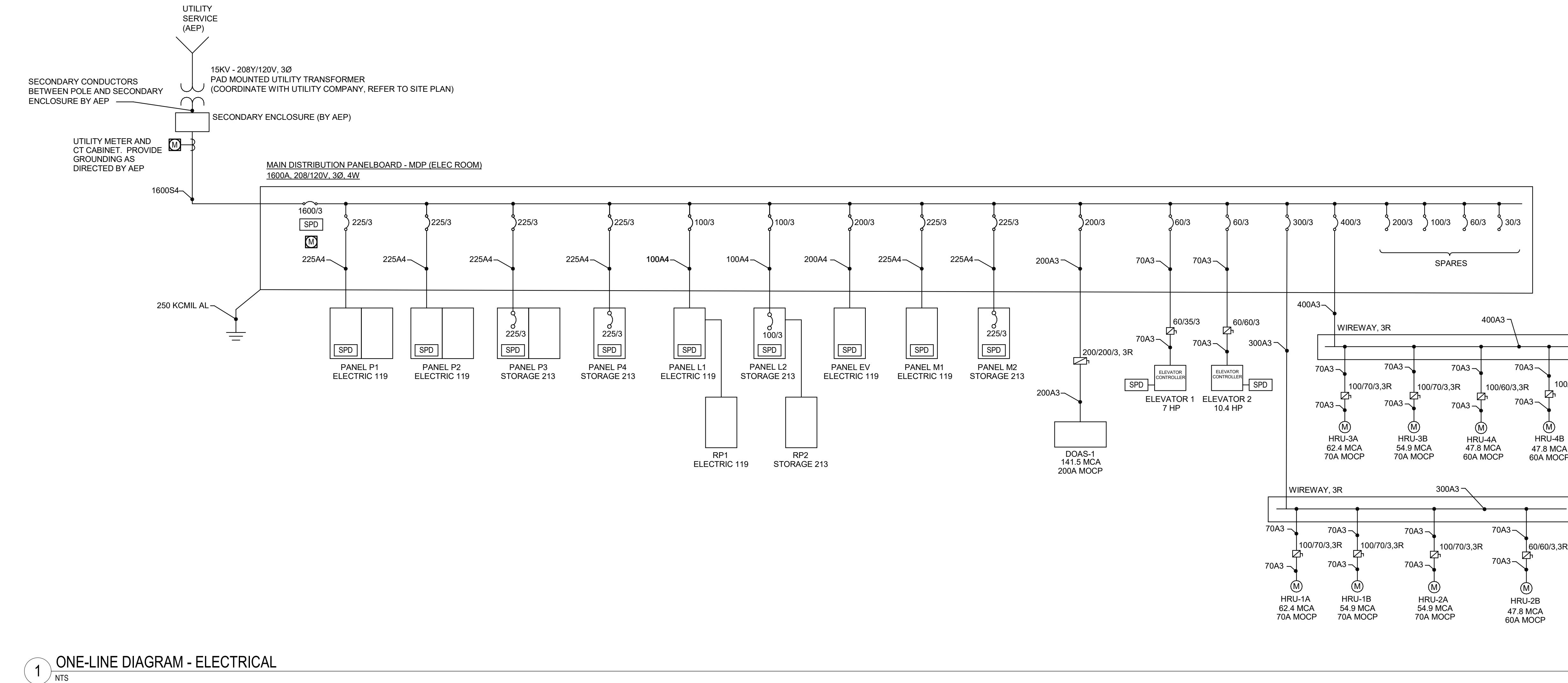
Branch Panel: P3												
Location: ELECTRIC 119 Supply From: MDP Mounting: Surface Enclosure: Type 1			Volts: 120/208 Wye Phases: 3 Wires: 4			A.I.C. Rating: 22,000 Mains Type: MCB Mains Rating: 225 A MCB Rating: 225 A						
Notes:												
CKT	Wire Size	Circuit Description	Trip	Brkr Opt	A	B	C	Brkr Opt	Trip	Circuit Description	Wire Size	CKT
1	12	RECEP - IT 211	20 A		0.36	0.36			20 A	RECEP - IT 211	12	2
3	12	RECEP - IT 211	20 A			0.36	0.36		20 A	RECEP - IT 211	12	4
5	12	RECEP - IT 211	20 A				0.36	0.72	20 A	RECEP - IT 211	12	6
7	12	SPECIAL RECEPTACLE - IT 211	20 A		0.09	0.09			20 A	SPECIAL RECEPTACLE - IT 211	12	8
9	12	SPECIAL RECEPTACLE - IT 211	20 A				0.09	0.09	20 A	SPECIAL RECEPTACLE - IT 211	12	10
11	12	SPECIAL RECEPTACLE - IT 211	20 A		0.09	0.09			20 A	SPECIAL RECEPTACLE - IT 211	12	12
13	12	SPECIAL RECEPTACLE - IT 211	20 A		0.09	0.09			20 A	SPECIAL RECEPTACLE - IT 211	12	14
15	12	SPECIAL RECEPTACLE - IT 211	20 A			0.09	0.09		20 A	SPECIAL RECEPTACLE - IT 211	12	16
17	12	SPECIAL RECEPTACLE - IT 211	20 A				0.09	0.09	20 A	SPECIAL RECEPTACLE - IT 211	12	18
19	12	RECEP - IT 211	20 A		0.72	0.36			20 A	RECEP - IT 211	12	20
21	12	RECEP - IT 211	20 A			0.36	0.36		20 A	RECEP - IT 211	12	22
23	12	DOOR HARDWARE - IT 211	20 A				0.10	0.36	20 A	RECEP - IT 211	12	24
25	10	RECEP - STUDY 224, 225, 226	20 A		1.08	0.36			20 A	PUBLIC PCS SOUTH TABLE	12	26
27	12	RECEP - STUDY 205, 206	20 A			0.72	0.36		20 A	PUBLIC PCS SOUTH TABLE	12	2

COPPER FEEDER SCHEDULES						
TAG	# OF SETS	PHASE WIRES QUANTITY - SIZE	NEUTRAL WIRE QUANTITY - SIZE	GROUND SIZE	CONDUIT SIZE PER SET	PURPOSE NOTES
20A3	1	3-12 AWG	-	12 AWG	3/4"	
30A3	1	3-10 AWG	-	10 AWG	3/4"	
40A3	1	3-8 AWG	-	10 AWG	3/4"	
50A3	1	3-6 AWG	-	10 AWG	3/4"	
70A3	1	3-4 AWG	-	8 AWG	1"	
90A3	1	3-2 AWG	-	8 AWG	1-1/4"	
110A3	1	3-1 AWG	-	6 AWG	1-1/4"	
150A3	1	3-1/0 AWG	-	6 AWG	1-1/2"	
175A3	1	3-2/0 AWG	-	6 AWG	1-1/2"	
200A3	1	3-3/0 AWG	-	6 AWG	2"	
300A3	1	3-350 KCMIL	-	4 AWG	2"-1/2"	
400A3	1	3-600 KCMIL	-	3 AWG	3"	

- COPPER FEEDER GENERAL NOTES:
- 1) IF CONDUIT OR CONDUCTOR SIZE ARE NOT INDICATED, SELECT FROM THE FEEDER SCHEDULE TABLE ABOVE
 - 2) NOT ALL SIZES SHOWN ARE USED
 - 3) CONDUIT SIZES SHOWN ARE BASED ON EMT TYPE, AND CONDUCTORS WITH THHN, THWN, OR XHHW INSULATION. CONTRACT SHALL COMPLY WITH NEC FILL RATIOS IF ANY OTHER TYPE COMBINATIONS ARE USED.
 - 4) AMPACITY SHOWN IS THE NOMINAL REQUIRED FOR CONDUCTORS INDICATED. CONDUCTORS WITH HIGHER CURRENT RATINGS MAY BE SHOWN ON THE DRAWINGS TO ACCOUNT FOR VOLTAGE DROP OR FOR FUTURE EXPANSION.

ALUMINUM FEEDER SCHEDULES						
TAG	# OF SETS	PHASE WIRES QUANTITY - SIZE	NEUTRAL WIRE QUANTITY - SIZE	GROUND SIZE	CONDUIT SIZE PER SET	PURPOSE NOTES
100A4	1	3-1 AWG	1-1 AWG	8 AWG	1-1/2"	
150A4	1	3-4/0 AWG	1-4/0 AWG	4 AWG	2-1/2"	
200A4	1	3-250 KCMIL	1-250 KCMIL	4 AWG	2-1/2"	
225A4	1	3-300 KCMIL	1-300 KCMIL	2 AWG	3"	
250A4	1	3-350 KCMIL	1-350 KCMIL	2 AWG	3"	
300A4	1	3-500 KCMIL	1-500 KCMIL	2 AWG	3-1/2"	
350A4	2	3-4/0 AWG	1-4/0 AWG	1 AWG	2-1/2"	
400A4	2	3-250 KCMIL	1-250 KCMIL	1 AWG	2-1/2"	
500A4	2	3-350 KCMIL	1-350 KCMIL	1/0 AWG	3"	
600A4	2	3-500 KCMIL	1-500 KCMIL	2/0 AWG	3-1/2"	
800A4	3	3-400 KCMIL	1-400 KCMIL	3/0 AWG	3"	
1000A4	3	3-600 KCMIL	1-600 KCMIL	4/0 AWG	3-1/2"	
1200A4	4	3-500 KCMIL	1-500 KCMIL	250 KCMIL	3-1/2"	
1600A4	5	3-600 KCMIL	1-600 KCMIL	350 KCMIL	4"	
2000A4	6	3-600 KCMIL	1-600 KCMIL	400 KCMIL	4"	
2500A4	8	3-600 KCMIL	1-600 KCMIL	600 KCMIL	4"	
3000A4	9	3-600 KCMIL	1-600 KCMIL	600 KCMIL	4"	
4000A4	12	3-600 KCMIL	1-600 KCMIL	750 KCMIL	4"	
100A5	1	3-1/0 AWG	2-1/0 AWG	8 AWG	2"	
200A5	1	3-350 KCMIL	2-350 KCMIL	4 AWG	3"	
225A5	1	3-500 KCMIL	2-500 KCMIL	2 AWG	3-1/2"	
250A5	1	3-600 KCMIL	2-600 KCMIL	2 AWG	4"	
400A5	2	3-350 KCMIL	2-350 KCMIL	1 AWG	3"	
600A5	3	3-350 KCMIL	2-350 KCMIL	2/0 AWG	3"	
800A5	3	3-600 KCMIL	2-600 KCMIL	3/0 AWG	4"	
1000A5	4	3-600 KCMIL	2-600 KCMIL	4/0 AWG	4"	
1200A5	5	3-500 KCMIL	2-500 KCMIL	250 KCMIL	4"	
1600A5	6	3-600 KCMIL	2-600 KCMIL	350 KCMIL	4"	
2000A5	8	3-600 KCMIL	2-600 KCMIL	400 KCMIL	4"	
100L4	1	3-1/0 AWG	1-1/0 AWG	8 AWG	2"	
200L4	1	3-350 KCMIL	1-350 KCMIL	4 AWG	3"	
225L4	1	3-500 KCMIL	1-500 KCMIL	2 AWG	3-1/2"	
400L4	2	3-350 KCMIL	1-350 KCMIL	1 AWG	3"	
600L4	3	3-350 KCMIL	1-350 KCMIL	2/0 AWG	3"	
800L4	3	3-600 KCMIL	1-600 KCMIL	3/0 AWG	4"	
600S4	2	3-500 KCMIL	1-500 KCMIL	-	4"	
1600S4	6	3-600 KCMIL	1-600 KCMIL	-	4"	
3000S4	9	3-600 KCMIL	1-600 KCMIL	-	5"	

- ALUMINUM FEEDER GENERAL NOTES:
- 1) IF CONDUIT OR CONDUCTOR SIZE ARE NOT INDICATED, SELECT FROM THE FEEDER SCHEDULE TABLE ABOVE
 - 2) NOT ALL SIZES SHOWN ARE USED
 - 3) CONDUIT SIZES SHOWN ARE BASED ON SCHEDULE 40 PVC TYPE, AND CONDUCTORS WITH THHN, THWN, OR XHHW INSULATION. CONTRACT SHALL COMPLY WITH NEC FILL RATIOS IF ANY OTHER TYPE COMBINATIONS ARE USED.
 - 4) AMPACITY SHOWN IS THE NOMINAL REQUIRED FOR CONDUCTORS INDICATED. CONDUCTORS WITH HIGHER CURRENT RATINGS MAY BE SHOWN ON THE DRAWINGS TO ACCOUNT FOR VOLTAGE DROP OR FOR FUTURE EXPANSION.



ONE-LINE DIAGRAM - ELECTRICAL

EQUIPMENT SHORT-CIRCUIT (AIC) SCHEDULE			
EQUIPMENT TAG	AVAILABLE SHORT-CIRCUIT CURRENT (AMPS)	MINIMUM EQUIPMENT AIC RATING	REMARKS
MDP	23,792	65k	
PANEL P1	12,895	22k	
PANEL P2	12,895	22k	
PANEL P3	10,025	22k	
PANEL P4	10,025	22k	
PANEL L1	6,355	22k	
PANEL L2	4,359	22k	
PANEL EV	11,757	22k	
PANEL M1	12,895	22k	
PANEL M2	10,025	22k	

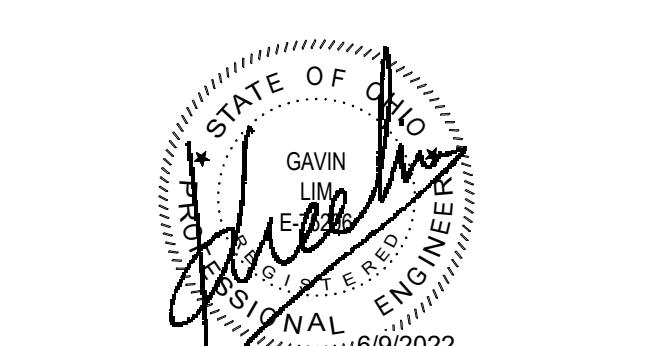
Switchboard: MDP				
Location: ELECTRIC 119	Volts: 120/208 Wye	A.I.C. Rating: 65,000	Mains Type: M.C.B.	Mains Rating: 1600 A
Supply From: Utility	Phas... 3	Wires: 4	Enclosure: Surface	MCB Rating: 1600 A
CKT	Circuit Description	# of Poles	Load	Remarks
1	M1 - ELECTRIC 119	3	31.8 kVA	
2	M2 - STORAGE 213	3	37.5 kVA	
3	P1 - ELECTRIC 119	3	43.5 kVA	
4	P2 - ELECTRIC 119	3	42.3 kVA	
5	P3 - STORAGE 213	3	35.1 kVA	
6	P4 - STORAGE 213	3	19.6 kVA	
7	L1 - ELECTRIC 119	3	23.0 kVA	
8	L2 - STORAGE 213	3	14.4 kVA	
9	EV - ELECTRIC 119	3	0.0 kVA	
10	DOAS - ROOF	3	35.2 kVA	
11	ELEVATION CONTROLLER - ELEV 1 129	3	13.7 kVA	
12	ELEVATOR CONTROLLER - ELEV 2 127	3	19.4 kVA	
13	HRU-1A, HRU-1B, HRU-2A, HRU-2B - ROOF	3	79.2 kVA	
14	HRU-3A, HRU-3B, HRU-4A, HRU-4B - ROOF	3	76.6 kVA	
15	SPARE	3	0.0 kVA	
16	SPARE	3	0.0 kVA	
17	SPARE	3	0.0 kVA	
18	SPARE	3	0.0 kVA	
19	SPARE	3	0.0 kVA	
20	SPARE	3	0.0 kVA	

Conn. Load 470.4 kVA Demand Load 432.3 kVA Demand Current 1200 A

PROJECT NAME : CML REYNOLDSBURG
1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068
100% CONSTRUCTION DOCUMENTS
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ONE-LINE DIAGRAM - ELECTRICAL

E7.01

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED.			
A	COMPRESSED AIR (SHOP AIR)		
AFF	ABOVE FINISHED FLOOR		
AMP	AMPERE		
APPROX	APPROXIMATE		
ARCH	ARCHITECT		
AUTO	AUTOMATIC		
BLDG	BUILDING		
CAP	CAPACITY		
CFH	CUBIC FEET PER HOUR		
CFM	CUBIC FEET PER MINUTE		
CONN	CONNECTION OR CONNECT		
CONT	CONTINUATION		
CU FT	CUBIC FEET		
CU IN	CUBIC INCH		
D	DRAIN		
DIA	DIAMETER		
DS	DOWNSPOUT		
DWG	DRAWING		
EQUIP	EQUIPMENT		
EWC	ELECTRIC WATER COOLER		
EXH	EXHAUST		
EXP	EXPANSION		
EXIST	EXISTING		
"F	DEGREES FAHRENHEIT		
FD	FLOOR DRAIN		
FIN FL EL	FINISHED FLOOR ELEVATION		
FT	FOOT OR FEET		
GA	GAUGE		
GAL	GALLONS		
GPF	GALLONS PER FLUSH		
GPH	GALLONS PER HOUR		
GPM	GALLONS PER MINUTE		
HP	HORSEPOWER		
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING		
Hz	HERTZ		
IN	INCHES		
INV EL	INVERT ELEVATION		
KW	KILOWATT		
L	LAVATORY		
LB	POUNDS		
MAX	MAXIMUM		
MECH	MECHANICAL		
MFG	MANUFACTURER		
MIN	MINIMUM		
MS	MOP SINK		
N/A	NOT APPLICABLE		
NC	NORMALLY CLOSED		
NIC	NOT IN CONTRACT		
NO	NORMALLY OPEN		
NO.	NUMBER		
NTS	NOT TO SCALE		
OFC	OWNER FURNISHED CONTRACTOR INSTALLED		
OS&Y	OUTSIDE STEM AND YOKE VALVE		
PD	PUMPED DISCHARGE		
PLBG	PLUMBING		
PRESS	PRESSURE		
PS	FUEL POLISH SUPPLY		
PSI	POUNDS PER SQUARE INCH		
PSIG	PSI GAUGE		
RCP	RECIRCULATING PUMP		
RPPB	REDUCED PRESSURE BACKFLOW PREVENTER		
RPM	REVOLUTIONS PER MINUTE		
S	SINK		
SH	SHOWER		
SHT	SHEET		
SPEC	SPECIFICATION		
SRD	SECONDARY ROOF DRAIN		
TEMP	TEMPERATURE		
TF	TRUCK FILL		
TMV	THERMOSTATIC MIXING VALVE		
TYP	TYPICAL		
UNO	UNLESS NOTED OTHERWISE		
UR	URINAL		
V	VOLT		
VB	VACUUM BREAKER		
VTR	VENT THRU ROOF		
W	WATER		
WC	WATER CLOSET		

DESCRIPTION	2D SYMBOL	3D SYMBOL	
		PLAN VIEW	SECTION VIEW
DROP	—○		
RISE	—○		
TEE	—○		
CAP	—○		
GLOBE VALVE	☒	○	■
PLUG VALVE	☒	□	■
SOLENOID VALVE	☒	○	■
GAS PRESSURE REGULATOR	☒	○	■
PRESSURE REDUCING VALVE	☒	○	■
OUTSIDE STEM & YOKE VALVE	☒	○	■
BUTTERFLY VALVE	☒	—	—
BALL VALVE	IoI	○	—
CHECK VALVE	☒	○	—
BALANCE VALVE	☒	—	—
STRAINER	—	—	—
UNION	—	—	—
TEMPERATURE & PRESSURE RELIEF VALVE	—	—	—
METER	○	—	—
AQUASTAT	○	—	—
TERMOMETER	—	—	—
PRESSURE GAUGE WITH STOPCOCK	○☒	—	—
REDUCED PRESSURE BACKFLOW PREVENTER	—	○□○	—
PUMP	IoI	—	—
WALL HYDRANT	—	—	—
HOSE BIBB	—	—	—
CLEANOUT	—	—	—
CLEANOUT AT FLOOR OR AT GRADE	○	○	—
FLOOR OR AREA DRAIN	○	○	—
ROOF DRAIN	○	○	—
DOWNSPOUT NOZZLE	—	—	—

SYMBOLS LIST	
PIPING	
DOMESTIC HOT WATER	HW
DOMESTIC COLD WATER	CW
DOMESTIC HOT WATER RETURN	HWR
SANITARY	SAN
VENT	V
PUMP DISCHARGE	PD
NATURAL GAS	G
STORM	ST
SECONDARY STORM	SS
FIRE PROTECTION	F
NOTATIONS	
DOMESTIC WATER RISER	1 PXXX
SANITARY STACK	A PXXX

GENERAL NOTES:

1. PROVIDE NEW DOMESTIC WATER, SANITARY WASTE, STORM DRAINAGE, NATURAL GAS FOR THIS BUILDING. PROVIDE ALL NECESSARY COMPONENTS FOR FULLY OPERATIONAL SYSTEM. INSTALL SYSTEMS IN ACCORDANCE WITH STATE REQUIREMENTS. COORDINATE WITH OTHER TRADES OR FITTINGS REQUIRED FOR PROPER INSTALLATION. COORDINATE WITH OTHER TRADES, AND/OR TO MANTAIN PROPER CLEARANCES.
2. ALL FLOOR PENETRATIONS TO BE SEALED WATER TIGHT AND COMPLETELY PACKED WITH FIRE STOP MATERIAL BY TRADE CONTRACTORS.
3. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO SHOW THE EXACT LOCATIONS OF COMPONENTS, NOR SHOW ALL SYSTEMS. CONTRACTOR COORDINATE WITH OTHER TRADES OR FITTINGS REQUIRED FOR PROPER INSTALLATION, COORDINATION WITH OTHER TRADES, AND/OR TO MANTAIN PROPER CLEARANCES.
4. DRAWINGS ARE NOT TO BE SCALLED. DIMENSIONS SHALL COVER CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE CONCERNING EXISTING AND NEW WORK BEFORE PROCEEDING WITH EITHER FABRICATION OR INSTALLATION IN MECHANICAL AREAS WITH NUMEROUS OBSTRUCTIONS INCLUDING DUCTWORK, EQUIPMENT AND PIPING. THIS WILL REQUIRE ON SITE CUTTING AND VERIFICATION.
5. ANY INFORMATION CONFLICTS BETWEEN THE SPECIFICATIONS AND DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION. THE CONTRACTOR(S) SHALL NOT PROCEED WITH ANY WORK, EXCEPT AT THEIR OWN RISK, UNTIL CLARIFICATIONS OF THE CONFLICTS ARE ISSUED TO THE CONTRACTOR(S) BY THE ENGINEER.
6. THE TERM "PROVIDE" SHALL MEAN THE CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT FOR A COMPLETE AND OPERATIONAL SYSTEM.
7. ALL MATERIAL AND LABOR SHALL BE UNDER WARRANTY FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER. ANY NEW DEVICES OR EQUIPMENT FOUND FAULTY SHALL BE REPLACED AS PART OF THE WARRANTY.
8. A SET OF APPROVED DRAWINGS SHALL BE MAINTAINED ON SITE AND ALL FIELD CHANGES SHALL BE RED LINED ON THE DRAWINGS. CONTRACTOR SHALL PREPARE "AS-BUILT" DRAWINGS IN ELECTRONIC (AUTOCAD) FORMAT, REFLECTING ACCURATE FIELD CONDITIONS.
9. ALL PENETRATIONS THROUGH FIRE RESISTANCE RATED CONSTRUCTION SHALL BE PROVIDED A UL LISTED THROUGH PENETRATION FIRESTOP ASSEMBLY. THE RATINGS OF ALL FIRESTOP ASSEMBLIES SHALL BE GREATER THAN OR EQUAL TO THE RATING OF THE PENETRATED BARRIER.
10. CORE DRILL PENETRATIONS IN CONCRETE FLOORS OR WALLS 1-2 INCHES LARGER THAN THE PIPE DIAMETER OF THE PENETRATING PIPE.
11. DUCTWORK, PIPING, MECHANICAL EQUIPMENT AND CEILINGS SHALL NOT BE UTILIZED AS LADDERS, SCAFFOLDING OR WORK PLATFORMS.
12. NO STRUCTURAL MEMBERS SHALL BE CUT, DRILLED, OR BURNED WITHOUT THE KNOWLEDGE AND WRITTEN APPROVAL OF THE OWNER.
13. EQUIPMENT, MATERIALS, INSTALLATION WORKMANSHIP, EXAMINATION AND TESTING SHALL BE IN ACCORDANCE WITH CURRENT PLUMBING CODE. INSTALL PIPING STRAIGHT AND TRUE TO BEAR EVENLY ON HANGARS AND SUPPORTS. PIPE SHALL NOT INTERFERE WITH OTHER EQUIPMENT AND CONSTRUCTION.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING ALL CONFLICTS WITH LIGHTING FIXTURES, DIFFUSERS, GRILLS, DUCTS, STRUCTURAL MEMBERS, MECHANICAL EQUIPMENT AND PIPES.
15. NO FABRICATION OR INSTALLATION IS ALLOWED WITHOUT APPROVED SHOP DRAWING SUBMITTALS.
16. CONTRACTOR SHALL SUBMIT SYSTEM CATALOG PRODUCT DATA SHEETS OF ALL COMPONENTS PROPOSED FOR USE PRIOR TO INSTALLATION FOR APPROVAL. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.
17. ALL MATERIALS AND EQUIPMENT SHALL BE NEW.
18. PIPING SHALL NOT SHARE SUPPORTS WITH OTHER BUILDING SYSTEMS. IN MECHANICAL AREAS, PIPING SHALL NOT BE ATTACHED TO THE DUCT WORK. STANCHIONS SHALL BE USED WHERE PIPING IS UNABLE TO BE HUNG FROM ABOVE.
19. PIPING IN AREAS WITH FINISHED CEILINGS SHALL BE INSTALLED ABOVE FINISHED CEILINGS.
20. CONTRACTOR SHALL PROVIDE LABELS (WITH FLOW ARROWS) FOR ALL PIPING.
21. PIPING SHALL NOT BE INSTALLED PASSING THROUGH ELECTRICAL ROOMS OR OVER ELECTRICAL PANELS / EQUIPMENT WHICH SERVES OTHER AREAS. COORDINATE THE LOCATION OF ALL PIPING WITH ELECTRICAL EQUIPMENT AND OTHER TRADES AND ADJUST AS NECESSARY.
22. MAKE REASONABLE AND NECESSARY MODIFICATIONS IN LAYOUTS AND COMPONENTS NEEDED TO PREVENT CONFLICTS WITH WORK OF OTHER TRADES AND TO COORDINATE IN ACCORDANCE WITH SPECIFICATIONS.
23. MAINTAIN MAXIMUM HEADROOM AT ALL LOCATIONS. ALL PIPING TO BE AS TIGHT TO THE Underside of DECK AS POSSIBLE. ALL EXPOSED PIPING SHALL BE APPROVED BY ARCHITECT AND SHALL MAINTAIN REQUIRED CLEARANCES. ALL EXPOSED PIPING SHALL BE PAINTED WHITE.

REVISION SCHEDULE

#	DATE	REVISION DESCRIPTION

PROJECT NAME :

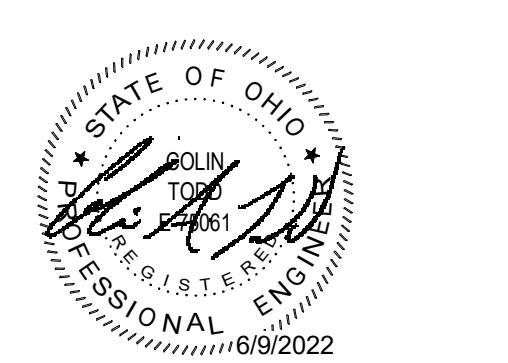
CML REYNOLDSBURG

1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068

100% CONSTRUCTION DOCUMENTS
ISSUED FOR BIDDING AND PERMITS

ISSUE DATE : 06/10/22

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GENERAL INFORMATION - PLUMBING

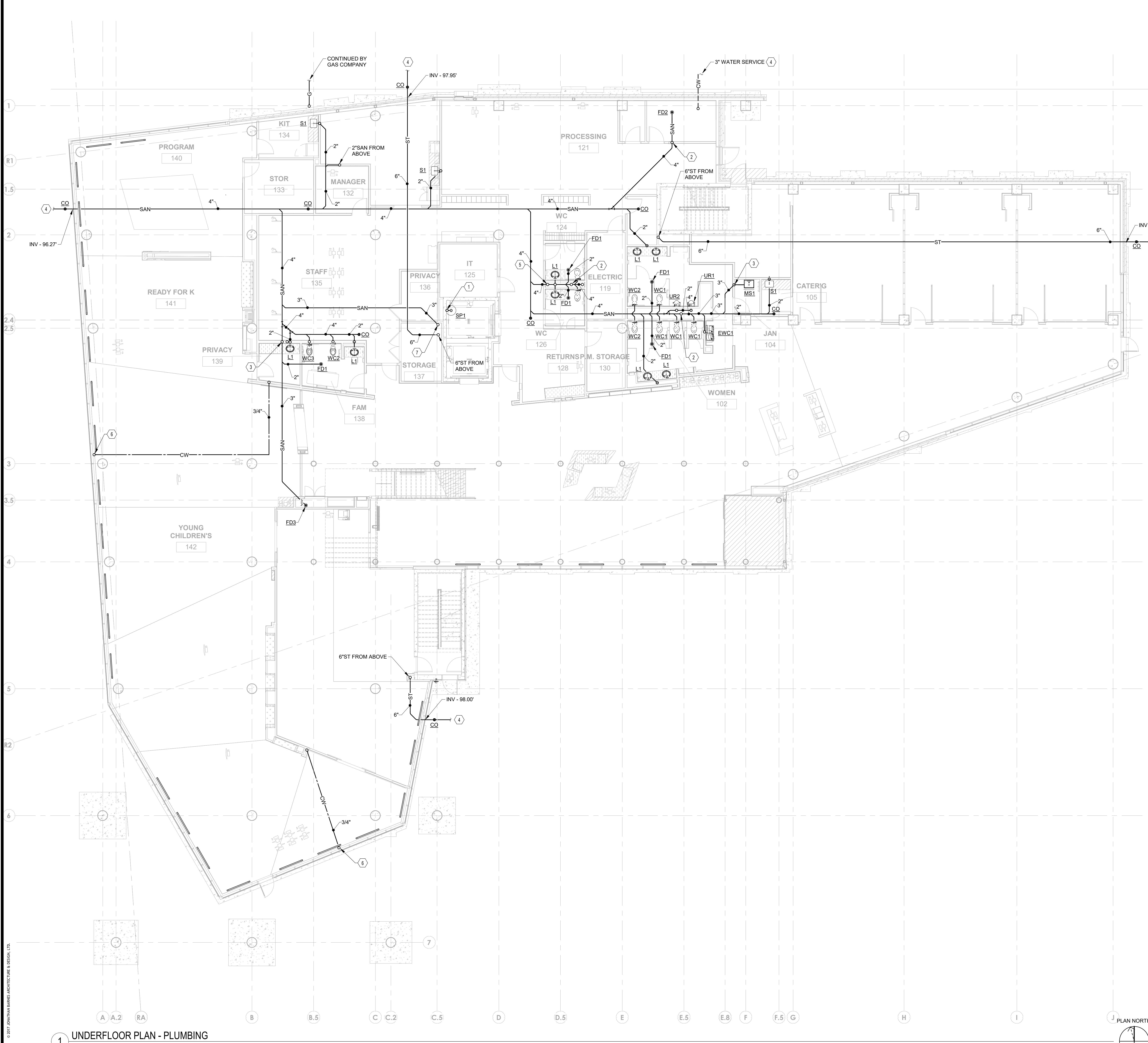
P0.00

GENERAL NOTES

- A. FINISH FLOOR ELEVATION = 100.00'.
B. SEE SHEET P0.00 FOR GENERAL NOTES.

CODED NOTES

- 1. 2" PUMP DISCHARGE PIPING UP ON WALL OF ELEVATOR SHAFT.
- 2. 2" VENT UP.
- 3. 1-1/2" VENT UP.
- 4. CONTINUED BY SITE CONTRACTOR.
- 5. 4" SANITARY FROM ABOVE WITH CLEANOUT AT BASE.
- 6. 3/4" CW UP IN INTERIOR WALL FOR WH.
- 7. 3" SANITARY FROM ABOVE WITH CLEANOUT AT BASE.



REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION

PROJECT NAME :

CML REYNOLDSBURG1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068100% CONSTRUCTION DOCUMENTS
ISSUED FOR BIDDING AND PERMITS

ISSUE DATE : 06/10/22

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UNDERFLOOR PLAN - PLUMBING

P1.00

GENERAL NOTES
A. SEE SHEET P0.00 FOR GENERAL NOTES.

CODED NOTES

1. WATER HEATER MOUNTED ON WALL ABOVE MS1. PROVIDE PLATFORM WITH WALL BRACKET AND GALVANIZED DRAIN PAN. EXTEND 1/2" CW AND HW DOWN IN WALL AND CONNECT TO MS1. EXTEND DRAIN LINES TO MS1.
2. EXTEND 2" PUMP DISCHARGE PIPING TO NEAREST SINK AND DISCHARGE WITH APPROVED AIR GAP. SEE DETAIL ON SHEET P5.01.
3. 2" CW DOWN IN CHASE. RUN FULL SIZE IN CHASE AND CONNECT 1" CW TO THE WATER CLOSET AND 1/2" CW TO THE LAVATORY.
4. 1/2" CW DOWN IN WALL. EXTEND FULL SIZE IN CHASE AND CONNECT 1" CW TO EACH WATER CLOSET AND 1/2" CW TO THE LAVATORY.
5. 1/2" HW UP TO FLOOR ABOVE.
6. 1-1/2" CW UP TO RESTROOM ABOVE.
7. 3/4" CW UP TO FLOOR ABOVE.
8. 2" CW DOWN IN CHASE. RUN FULL SIZE IN CHASE AND CONNECT 1" CW TO EACH WATER CLOSET AND 3/4" CW TO EACH URINAL.
9. 2" CW DOWN IN CHASE. RUN FULL SIZE IN CHASE AND CONNECT 1" CW TO EACH WATER CLOSET.
10. 3/4" CW AND HW DOWN IN WALL. EXTEND AND CONNECT 1/2" CW AND HW TO EACH LAVATORY AND 1/2" CW TO HOSE BIBB HB1 UNDER COUNTER.
11. 3" ST FROM ROOF DRAIN ABOVE.
12. 3" SS FROM SECONDARY ROOF DRAIN ABOVE.
13. 4" ST FROM ROOF DRAIN ABOVE.
14. 4" SS FROM SECONDARY ROOF DRAIN ABOVE.
15. 6" ST UP AND DOWN.
16. HOSE BIBB AT 24" AFF.
17. 1-1/2" V UP.
18. 3/4" CW DOWN IN WALL TO BELOW SLAB FOR WH1 ON WEST WALL. SEE SHEET P1.00 FOR CONTINUATION.
19. WALL HYDRANT SUPPLIED FROM BELOW SLAB. SEE SHEET P1.00 FOR CONTINUATION.
20. 1/2" CW AND HW AND 2" SAN UP TO SINK ON SECOND LEVEL.
21. ST AND SS PIPES TO PENETRATE BEAM AT THIS LOCATION. COORDINATE EXACT LOCATION AND ELEVATION WITH STRUCTURAL CONTRACTOR.

REVISION SCHEDULE		
#	DATE	REVISION DESCRIPTION

PROJECT NAME :

CML REYNOLDSBURG

1402 BRICE ROAD
REYNOLDSBURG, OHIO 43068

100% CONSTRUCTION DOCUMENTS
ISSUED FOR BIDDING AND PERMITS

ISSUE DATE : 06/10/22

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LEVEL 1 PLUMBING PLAN

P1.01

