

ADDENDUM NO. 04

June 24, 2024

Additions and Renovations to Franklin Central High School Phase 2B
6215 S. Franklin Rd.
Indianapolis, IN, 46259

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated May 29, 2024, by VPS Architecture. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 4 – 1 through ADD 4 - 1 and attached VPS Addendum No. 04 dated June 24, 2024, consisting of 10 (ten) pages.

SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY

J. BID CATEGORY NO. 10 CASEWORK

Add the following Clarification:

4. Magnetic Markerboard laminates are not required.
5. Provide integral epoxy sinks, all other faucets, fittings, etc. by Division 22.

Distribution: To all Planholders

ADDENDUM NO. 4 (FOUR)

DATE: June 24, 2024
PROJECT: Additions & Renovations to Franklin Central High School
Phase 2B
OWNER: Franklin Township Community School Corporation
PROJECT NO.: 2022063.10

The original Specifications and Drawings dated May 2024 for the project referenced above, are amended as noted in this Addendum No. 4 (Four). Receipt of this Addendum and any subsequent Addenda must be acknowledged on the Proposal Form. This section of the Addendum consists of 10 (Ten) Addendum pages, 115 (One Hundred Fifteen) items and 105 (One Hundred Five) attachments.

<u>ITEM</u>	<u>DESCRIPTION</u>
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General Items | Clarifications:

- 4-1 The Black Box Theater receives wood floor with vinyl surface.
- 4-2 Advantage Scientific by Stevens is an approved manufacturer for the Science Lab Tables.

Specification Items:

- 4-3 Section 083323 Overhead Coiling Doors: Delete Paragraph 3.6 Schedule (refer, instead, to Door Schedule on drawing A601).
- 4-4 Section 096466 Wood Floor Refinishing:
A. Revise section title to Wood Flooring. There is no refinishing of existing wood flooring in the project.

- B. Rooms J115, J125, and F131 shall receive standard wood floor. Refer to Note 1 for Black Box Theater flooring.
- 4-5 Section 096566.10 Resilient Athletic Flooring (for Track Surfaces): The Super X 720 13.5 mm flooring shall be revised to the Super X 720 10.5 mm.
- 4-6 Section 232513 Water Treatment for Closed-Loop Hydronic Systems: Delete the following sentence in Paragraph 3.2.B., "A unit price for additional drains shall be provided. See front end documents and Bid Form."
- 4-7 Section 237416.13 Packaged, Large-Capacity, Rooftop Air-Handling Units: Paragraph 2.2.3. shall be revised as follows, "Tempmaster."

Drawing Items:

- 4-8 A101 and A603: Classroom F138 and Orchestra Storage F139 shall receive LVT flooring in lieu of carpet tile.
- 4-9 A108: South and West walls of IDF Room T108 shall be Wall Type 2. Walls adjacent to doors T101, T111, and T111A shall be Wall Type 1.
- 4-10 M601: Replace drawing in its entirety with attached revision.
- 4-11 MH1T: Replace drawing in its entirety with attached revision.
- 4-12 E001: Replace drawing in its entirety with attached revision.
- 4-13 EDS01: Replace drawing in its entirety with attached revision.
- 4-14 EC01: Replace drawing in its entirety with attached revision.
- 4-15 ES01: Replace drawing in its entirety with attached revision.
- 4-16 ED1F: Replace drawing in its entirety with attached revision.
- 4-17 ED1G: Replace drawing in its entirety with attached revision.
- 4-18 ED1J: Replace drawing in its entirety with attached revision.

- 4-19 ED1K: Replace drawing in its entirety with attached revision.
- 4-20 ED1M: Replace drawing in its entirety with attached revision.
- 4-21 ED1N: Replace drawing in its entirety with attached revision.
- 4-22 ED1R: Replace drawing in its entirety with attached revision.
- 4-23 ED2X: Replace drawing in its entirety with attached revision.
- 4-24 EDRG: Replace drawing in its entirety with attached revision.
- 4-25 EDRK: Replace drawing in its entirety with attached revision.
- 4-26 EDRM: Replace drawing in its entirety with attached revision.
- 4-27 EDRN: Replace drawing in its entirety with attached revision.
- 4-28 ED601: Replace drawing in its entirety with attached revision.
- 4-29 ED602: Replace drawing in its entirety with attached revision.
- 4-30 ED603: Replace drawing in its entirety with attached revision.
- 4-31 ED604: Replace drawing in its entirety with attached revision.
- 4-32 EL1F: Replace drawing in its entirety with attached revision.
- 4-33 EL1G: Replace drawing in its entirety with attached revision.
- 4-34 EL1J: Replace drawing in its entirety with attached revision.
- 4-35 EL1K: Replace drawing in its entirety with attached revision.
- 4-36 EL1M: Replace drawing in its entirety with attached revision.
- 4-37 EL1N: Replace drawing in its entirety with attached revision.
- 4-38 EL1Q: Replace drawing in its entirety with attached revision.

- 4-39 EL1R: Replace drawing in its entirety with attached revision.
- 4-40 EL1R: Replace drawing in its entirety with attached revision.
- 4-41 EL1T: Replace drawing in its entirety with attached revision.
- 4-42 EL1U.1: Replace drawing in its entirety with attached revision.
- 4-43 EL1U.2: Replace drawing in its entirety with attached revision.
- 4-44 EL1U.3: Replace drawing in its entirety with attached revision.
- 4-45 EL1U.4: Replace drawing in its entirety with attached revision.
- 4-46 EL2U.1: Replace drawing in its entirety with attached revision.
- 4-47 EL2U.2: Replace drawing in its entirety with attached revision.
- 4-48 EL2U.3: Replace drawing in its entirety with attached revision.
- 4-49 EL2U.4: Replace drawing in its entirety with attached revision.
- 4-50 EL2X: Replace drawing in its entirety with attached revision.
- 4-51 EP1F: Replace drawing in its entirety with attached revision.
- 4-52 EP1G: Replace drawing in its entirety with attached revision.
- 4-53 EP1J: Replace drawing in its entirety with attached revision.
- 4-54 EP1K: Replace drawing in its entirety with attached revision.
- 4-55 EP1M: Replace drawing in its entirety with attached revision.
- 4-56 EP1N: Replace drawing in its entirety with attached revision.
- 4-57 EP1R: Replace drawing in its entirety with attached revision.
- 4-58 EP1T: Replace drawing in its entirety with attached revision.

- 4-59 EP1U.1: Replace drawing in its entirety with attached revision.
- 4-60 EP1U.2: Replace drawing in its entirety with attached revision.
- 4-61 EP1U.3: Replace drawing in its entirety with attached revision.
- 4-62 EP1U.4: Replace drawing in its entirety with attached revision.
- 4-63 EP2U.1: Replace drawing in its entirety with attached revision.
- 4-64 EP2U.2: Replace drawing in its entirety with attached revision.
- 4-65 EP2U.3: Replace drawing in its entirety with attached revision.
- 4-66 EP2U.4: Replace drawing in its entirety with attached revision.
- 4-67 EP2X: Replace drawing in its entirety with attached revision.
- 4-68 EPRG: Replace drawing in its entirety with attached revision.
- 4-69 EPRK: Replace drawing in its entirety with attached revision.
- 4-70 EPRM: Replace drawing in its entirety with attached revision.
- 4-71 EPRN: Replace drawing in its entirety with attached revision.
- 4-72 EPRR: Replace drawing in its entirety with attached revision.
- 4-73 EPRT: Replace drawing in its entirety with attached revision.
- 4-74 EPRU.1: Replace drawing in its entirety with attached revision.
- 4-75 EPRU.3: Replace drawing in its entirety with attached revision.
- 4-76 EF1F: Replace drawing in its entirety with attached revision.
- 4-77 EF1G: Replace drawing in its entirety with attached revision.
- 4-78 EF1H: Replace drawing in its entirety with attached revision.

- 4-79 EF1J: Replace drawing in its entirety with attached revision.
- 4-80 EF1K: Replace drawing in its entirety with attached revision.
- 4-81 EF1M: Replace drawing in its entirety with attached revision.
- 4-82 EF1N: Replace drawing in its entirety with attached revision.
- 4-83 EF1R: Replace drawing in its entirety with attached revision.
- 4-84 EF1T: Replace drawing in its entirety with attached revision.
- 4-85 EF1U.1: Replace drawing in its entirety with attached revision.
- 4-86 EF1U.2: Replace drawing in its entirety with attached revision.
- 4-87 EF1U.3: Replace drawing in its entirety with attached revision.
- 4-88 EF1U.4: Replace drawing in its entirety with attached revision.
- 4-89 EF2U.1: Replace drawing in its entirety with attached revision.
- 4-90 EF2U.3: Replace drawing in its entirety with attached revision.
- 4-91 EF2X: Replace drawing in its entirety with attached revision.
- 4-92 E401: Replace drawing in its entirety with attached revision.
- 4-93 E402: Replace drawing in its entirety with attached revision.
- 4-94 E403: Replace drawing in its entirety with attached revision.
- 4-95 E501: Replace drawing in its entirety with attached revision.
- 4-96 E502: Replace drawing in its entirety with attached revision.
- 4-97 E503: Replace drawing in its entirety with attached revision.
- 4-98 E504: Replace drawing in its entirety with attached revision.

- 4-99 E505: Replace drawing in its entirety with attached revision.
- 4-100 E506: Replace drawing in its entirety with attached revision.
- 4-101 E507: Replace drawing in its entirety with attached revision.
- 4-102 E508: Replace drawing in its entirety with attached revision.
- 4-103 E601: Replace drawing in its entirety with attached revision.
- 4-104 E602: Replace drawing in its entirety with attached revision.
- 4-105 E603: Replace drawing in its entirety with attached revision.
- 4-106 E604: Replace drawing in its entirety with attached revision.
- 4-107 E605: Replace drawing in its entirety with attached revision.
- 4-108 E606: Replace drawing in its entirety with attached revision.
- 4-109 E607: Replace drawing in its entirety with attached revision.
- 4-110 E608: Replace drawing in its entirety with attached revision.
- 4-111 E609: Replace drawing in its entirety with attached revision.
- 4-112 E610: Replace drawing in its entirety with attached revision.
- 4-113 E611: Replace drawing in its entirety with attached revision.
- 4-114 E612: Replace drawing in its entirety with attached revision.
- 4-115 E613: Replace drawing in its entirety with attached revision.

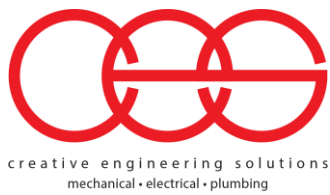
PREPARED BY:  _____
George S. Link, AIA

Attachments:

- M601
- MH1T
- E001
- EDS01
- EC01
- ES01
- ED1F
- ED1G
- ED1J
- ED1K
- ED1M
- ED1N
- ED1R
- ED2X
- EDRG
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- ED601
- ED602
- ED603
- ED604
- EL1F
- EL1G
- EL1J
- EL1K
- EL1M
- EL1N
- EL1Q
- EL1R
- EL1T
- EL1U.1
- EL1U.2
- EL1U.3

EL1U.4
EL2U.1
EL2U.2
EL2U.3
EL2U.4
EL2X
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EP1U.4
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EF2U.1
EF2U.3
EF2X
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E613



PROJECT NAME: ADDITIONS & RENOVATIONS TO FRANKIN CENTRAL HIGH SCHOOL PHASE 2B
OWNER NAME: FRANKIN TWP. COMMUNITY SCHOOL CORP.
CES PROJECT NO. 2023-015.FP2 ARCHITECT PROJECT NO. 2022063.10
ADDENDUM NO. 4
DATED: 6/24/2024

This Addendum consists of 1 Addendum page(s) and 78 attachment pages totaling 79 pages (The entire electrical construction drawing set is included for convenience to the contractor. There are 25 sheets in the set that don't have addendum items). This Addendum shall supplement, amend, and become part of the Bid Documents. All Bids shall be based on these modifications. Bidders shall acknowledge the receipt of this addendum on their Bid Form.

PART 1 - CHANGES TO THE PROJECT MANUAL

Modifications described herein shall be incorporated in the Project Manual. All other Work shall remain unchanged.

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

A. Section 23 74 16.13 "PACKAGED, LARGE-CAPACITY, ROOFTOP AIR-HANDLING UNITS"

1. DELETE AND REPLACE Subparagraph 2.2.3. as follows:
"3. TEMPMASTER"

PART 2 - CHANGES TO THE DRAWINGS

Modifications described herein shall be incorporated in the Drawings. All other Work shall remain unchanged.

2.1 DRAWING SHEETS: ADDITIONS, DELETIONS AND REPLACEMENTS

DRAWING NO.	INDICATE ACTION: REPLACE (R), ADD (A), DELETE (D)
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M-SERIES DRAWINGS

M601 – MECHANICAL SCHEDULES	DELETE AND REPLACE
MH1T – FIRST FLOOR HVAC PLAN – UNIT T	DELETE AND REPLACE

E-SERIES DRAWINGS

ALL DRAWINGS EXCEPT THE FOLLOWING SHALL BE DETETED AND REPLACED: EK1K, ED2X, ED601, ED603, ED604, EDRG, EDRK, EDRM, EDRN, EDS01, EC01, ES01, EP1U.1, EP1U.2, EP1U.4, EP2U.2, EP2U.4, E403, E501, E502, E503, E504, E505, E601, E604	DELETE AND REPLACE
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END OF ADDENDUM NO. 4

LIGHTING CONTROLS

SYMBOL	MOUNTING	DIMMING TYPE	OCCUPANCY SENSOR TYPE	SWITCH/BUTTONS	CONTROL DESCRIPTION
	WALL	0-10V	DUAL TECH.	(1)	- (1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL)/OFF. - (1) MANUAL LIGHT LEVEL WITH SLIDER.
	WALL	0-10V	DUAL TECH.	(1)	- (1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL)/OFF. - (1) MANUAL LIGHT LEVEL WITH SLIDER. - MANUAL ON / AUTO OFF.
	WALL	LINE VOLT.	N/A	(1)	- (1) MANUAL SWITCH ON (TO SELECTED LIGHT LEVEL)/OFF. - (1) MANUAL LIGHT LEVEL WITH SLIDER.
	WALL	DMX	N/A	MULTI.	- DMX COLOR CHANGING CONTROLLER. - NICOLA/DIE STICK/CLU.
	WALL	N/A	DUAL TECH.	(1)	- (1) MANUAL SWITCH ON/OFF. - MANUAL ON / AUTO OFF.
	WALL	N/A	DUAL TECH.	(2)	- (2) MANUAL SWITCH ON/OFF. - MANUAL ON / AUTO OFF.
	CEILING	N/A	DUAL TECH.	N/A	- AUTO-ON / AUTO-OFF - TWO RELAYS IN POWER PACK. - DISTRIBUTION COVERAGE AS REQUIRED FOR SPACE SIZE.
	CEILING	N/A	PIR	N/A	- MANUAL OR AUTO-ON / AUTO-OFF - HIGHBAY COVERAGE. - TWO RELAYS IN POWER PACK. - DISTRIBUTION COVERAGE AS REQUIRED FOR SPACE SIZE.
	WALL				SINGLE POLE SWITCH
	WALL				THREE-WAY SWITCH
	WALL				FOUR-WAY SWITCH
	WALL				SINGLE POLE SWITCH W/ PILOT LIGHT
	WALL				THREE-WAY SWITCH WITH PILOT LIGHT
	WALL				KEY OPERATED SINGLE POLE SWITCH
	WALL				KEY OPERATED THREE-WAY SWITCH
	WALL				TIMER SWITCH

FIRE ALARM

SUBSCRIPTS FOR FIRE ALARM SYSTEM DEVICES INDICATE THE FOLLOWING. U.O.N:
S - SURFACE MOUNTED
WP - WEATHERPROOF

PERFORM A COMPLETE SYSTEM TEST OF FIRE ALARM SYSTEM PRIOR TO STARTING DEMOLITION. PERFORM A COMPLETE SYSTEM TEST OF FIRE ALARM SYSTEM AFTER COMPLETION OF CONSTRUCTION.

WALL	CEILING	DESCRIPTION
		MANUAL PULL STATION: DOUBLE ACTION
		HORN
		HORN/STROBE
		VISUAL STROBE
		SPEAKER
		SPEAKER/STROBE
		BELL
		BELL WITH INDICATOR
		SMOKE DETECTOR: PHOTOELECTRIC
		HEAT DETECTOR
		DUCT DETECTOR - SUPPLY DUCT
		DUCT DETECTOR - RETURN DUCT
		DOOR HOLD RELEASE
		CONTROL PANEL
		ANNUNCIATOR PANEL
		NOTIFICATION APPLIANCE CONTROL PANEL
		ADDRESSABLE MODULE
		CELLULAR DIALER
		FLOW SWITCH
		KNOX BOX
		POWER FAILURE
		PRESSURE SWITCH
		POST VALVE INDICATOR
		REMOTE DIALER
		REMOTE INDICATOR
		REMOTE TEST
		TAMPER SWITCH

LIGHTING

SUBSCRIPTS FOR LIGHTING FIXTURES INDICATE THE FOLLOWING. U.O.N:
NL - NIGHT LIGHT, PANEL SWITCHED, U.O.N.

	LIGHTING FIXTURE - TYPE AS INDICATED
	WALL MOUNTED FIXTURE - TYPE AS INDICATED
	LIGHTING FIXTURE - TYPE AS INDICATED
	POLE MOUNTED LIGHTING FIXTURE - TYPE AS INDICATED
	TRACK LIGHTING FIXTURE
	EMERGENCY BATTERY WALL PACK
	LIGHTING FIXTURE - TYPE AS INDICATED
	SHADING INDICATES EMERGENCY FIXTURE CONNECTED TO BATTERY INVERTER OR GENERATOR. CONNECT TO UNSWITCHED SOURCE IN ADDITION TO SWITCHING INDICATED
	EXIT LIGHT - WALL/CEILING MOUNTED - DIRECTIONAL ARROWS AS INDICATED. SHADING INDICATES ILLUMINATED FACE. CONNECT TO UNSWITCHED BRANCH CIRCUIT INDICATED
	UL 924 DEVICE - CONNECT TO UNSWITCHED BRANCH CIRCUIT INDICATED

LINE SYMBOLS

— LIGHT/SCREENED SOLID LINES INDICATE EXISTING TO REMAIN
--- HEAVY DASHED LINES INDICATE EXISTING TO BE REMOVED
===== HEAVY CONTINUOUS LINES INDICATE NEW WORK

NOTE:
NOT ALL INFORMATION ON THIS SHEET
WILL BE USED IN THIS PROJECT

ABBREVIATIONS

A	AMPERES
AC	ALTERNATING CURRENT
AF	AMPERES FRAME (BREAKER RATING)
AF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
ASD	ADJUSTABLE SPEED DRIVE
AT	AMPERES TRIP (BREAKER SETTING)
ATS	AUTOMATIC TRANSFER SETTING
AUX	AUXILIARY
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CP	CONTROL PANEL
CPT	CONTROL POWER TRANSFORMER
CT	CURRENT TRANSFORMER
DISC	DISCONNECT
DL	DOUBLE LUGS
DP	POWER DISTRIBUTION PANEL
DWG	DRAWING
EF	EXHAUST FAN
EG	EQUIPMENT GROUND
ELEC	ELECTRIC/ELECTRICAL
EMEMERG	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
EO	ELECTRICALLY OPERATED
F	FUSE
FA	FIRE ALARM
FB	FLOOR BOX
FDR	FEEDER
FL	FLOOR
FLEX	FLEXIBLE
FTL	FEED THRU LUGS
G	GROUND
GRND	GROUND
HP	HORSEPOWER
HOA	HAND-OFF-AUTOMATIC
JB	JUNCTION BOX
KV	KILOVOLTS
KVA	KILOVOLTS-AMPERES
KVAR	KILOVOLTS-AMPERES-REACTIVE
KW	KILOWATTS
KWH	KILOWATT-HOURS
LA	LIGHTNING ARRESTOR
LSIG	LONG SHORT, INSTANTANEOUS, GROUND FAULT TRIP SETTINGS
LP	LIGHTING PANELBOARD
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MFS	MAIN FUSED SWITCH
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG	MOUNTING
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NF	NON-FUSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO	NUMBER
N.T.S.	NOT TO SCALE
OC	ON CENTER
OL'S	OVERLOADS
P	POLE
PB	PUSH BUTTON
PT	POTENTIAL TRANSFORMER
RCLP	REMOTE CONTROL LIGHTING PANEL
RECEPT.	RECEPTACLE
RF	RETURN FAN
RP	RECEPTACLE PANELBOARD
RSC	RIGID STEEL CONDUIT
SCHED	SCHEDULE
SF	SUPPLY FAN
ST	SHUNT TRIP
STB	SHUNT TRIP BREAKER
SW	SWITCH
SWBD	SWITCHBOARD
TB	TERMINAL BLOCK
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE

ELECTRICAL RECEPTACLES

	DUPLEX RECEPTACLE - NORMAL POWER
	DUPLEX RECEPTACLE - EMERGENCY POWER
	DUPLEX RECEPTACLE TYPE GFCI - NORMAL POWER
	DUPLEX RECEPTACLE TYPE GFCI - EMERGENCY POWER
	QUADRAPLEX RECEPTACLE - NORMAL POWER
	QUADRAPLEX RECEPTACLE - EMERGENCY POWER
	QUADRAPLEX RECEPTACLE TYPE GFCI - NORMAL POWER
	QUADRAPLEX RECEPTACLE TYPE GFCI - EMERGENCY POWER
	SIMPLEX RECEPTACLE - NORMAL POWER
	SIMPLEX RECEPTACLE - EMERGENCY POWER
	SPECIAL RECEPTACLE - NORMAL POWER
	SPECIAL RECEPTACLE - EMERGENCY POWER
	JUNCTION BOX (RECESSED/WALL)
	DIRECT CONNECTION TO EQUIPMENT
	RECEPTACLE DESIGNATIONS X INDICATED THE FOLLOWING: BLANK - 20A, 125VAC F - FLUSH IN FLOOR, 20A, 125VAC H - HORIZONTALLY MOUNTED, 20A, 125VAC IG - ISOLATED GROUND, 20A, 125VAC T - TAMPER RESISTANT, 20A, 125VAC S - SURFACE MOUNTED, 20A, 125VAC WP - WEATHERPROOF IN-USE, 20A, 125VAC X - MOUNTED IN EXISTING OUTLET BOX, 20A, 125VAC
	CEILING DUPLEX RECEPTACLE - NORMAL POWER CIRCUIT
	CEILING DUPLEX RECEPTACLE - EMERGENCY POWER CIRCUIT
	CEILING QUADRAPLEX RECEPTACLE - NORMAL POWER CIRCUIT
	CEILING QUADRAPLEX RECEPTACLE - EMERGENCY POWER CIRCUIT
	FLOOR BOX DUPLEX RECEPTACLE - NORMAL POWER CIRCUIT
	FLOOR BOX DUPLEX RECEPTACLE - EMERGENCY POWER CIRCUIT
	FLOOR BOX QUADRAPLEX RECEPTACLE - NORMAL POWER CIRCUIT
	FLOOR BOX QUADRAPLEX RECEPTACLE - EMERGENCY POWER CIRCUIT
	LINE ADJACENT DEVICE SYMBOL INDICATES RECEPTACLE AT 2' ABOVE BACK SPLASH/COUNTER TOP OR TO BOTTOM OF DEVICE COORDINATE WITH CASE/WORK.
	FLOOR BOX
	REMOTE TEST FOR GFCI RECEPTACLE
	SURFACE-MOUNTED RACEWAY WITH RECEPTACLES IN LOCATIONS INDICATED

EQUIPMENT NAMING CONVENTION

POWER DISTRIBUTION NAMING	
FLOOR NUMBER	SEQUENCIAL PANEL NUMBER
B - BASEMENT	VOLTAGE
1 - 1ST FLOOR	1 - 208/120
2 - 2ND FLOOR	4 - 480/277
CLASS	FLOOR PLAN UNIT
BLANK OR N - NORMAL	A - UNIT A
C - CRITICAL	B - UNIT B
E - EQUIPMENT	EQUIPMENT TYPE
G - GENERATOR	BLANK - PANELBOARD
L - LIFE SAFETY	DP - DISTRIBUTION PANELBOARD
U - UPS	SB - SWITCHBOARD
	XR - TRANSFORMER

FEEDER & BRANCH CIRCUIT SCHEDULE (COPPER)									
FEEDER/BRANCH CIRCUIT LABEL	CONDUCTOR SIZE PER CONDUIT		CONDUIT SIZE & QUANTITY						
	PHASE & NEUTRAL	EQUIP/SERV CONDUCTOR	1P 1N, 1G	2P 1G	3P 1G	3P 1N, 1G	3P 2N, 1G	3P 3N, 1G	3P 1N, 2G
F20	12	12	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
F30	10	10	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
F40	8	10	3/4"	3/4"	1"	1"	1"	1"	1"
F50	6	10	1"	1"	1"	1-1/4"	1-1/4"	1-1/4"	1"
F60	4	10	1"	1"	1-1/4"	1-1/4"	1-1/4"	1-1/4"	1-1/4"
F70	4	8	1"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-1/4"
F80	3	8	1"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1-1/2"	1-1/4"
F90	2	8	1"	1-1/4"	1-1/2"	1-1/2"	2"	2"	2"
F100	1	8	1-1/4"	1-1/2"	1-1/2"	2"	2"	2"	2"
F110	1	6	1-1/4"	1-1/2"	2"	2"	2-1/2"	2"	2"
F125	1/0	6	1-1/4"	1-1/2"	2"	2"	2-1/2"	2"	2"
F150	1/0	6	1-1/4"	1-1/2"	2"	2"	2-1/2"	2"	2"
F175	2/0	6	1-1/2"	2"	2"	2"	2-1/2"	2-1/2"	2"
F200	3/0	6	1-1/2"	2"	2"	2"	2-1/2"	3"	2-1/2"
F225	4/0	4	2"	2"	2-1/2"	3"	3"	3"	2-1/2"
F250	250	4	2"	2-1/2"	3"	3"	3"	3"	3"
F300	350	4	2"	2-1/2"	3"	3-1/2"	3"	3"	3"
F350	500	3	2-1/2"	3"	3-1/2"	4"	3"	3"	3"
F400	3/0	3	(2) 1-1/2"	(2) 2"	(2) 2-1/2"	(2) 2-1/2"	(2) 2-1/2"	(2) 2-1/2"	(2) 2-1/2"
F450	4/0	2	(2) 2"	(2) 2"	(2) 2-1/2"	(2) 3"	(2) 2-1/2"	(2) 2-1/2"	(2) 2-1/2"
F500	250	2	(2) 2"	(2) 2-1/2"	(2) 3"	(2) 3"	(2) 3"	(2) 3"	(2) 3"
F600	350	1/0	(2) 2-1/2"	(2) 3"	(2) 3"	(2) 3-1/2"	(2) 3-1/2"	(2) 3"	(2) 3"
F700	500	1/0	(2) 2-1/2"	(2) 3"	(2) 3-1/2"	(2) 4"	(2) 3-1/2"	(2) 3-1/2"	(2) 3-1/2"
F800	350	2/0	(3) 2-1/2"	(3) 3"	(3) 3"	(3) 3-1/2"	(3) 3-1/2"	(3) 3"	(3) 3"
F900	350	2/0	(3) 2-1/2"	(3) 3"	(3) 3"	(3) 3-1/2"	(3) 3-1/2"	(3) 3"	(3) 3"
F1000	500	2/0	(3) 2-1/2"	(3) 3"	(3) 3-1/2"	(3) 4"	(3) 3-1/2"	(3) 3"	(3) 3"
F1200	350	3/0	(4) 2-1/2"	(4) 3"	(4) 3"	(4) 3-1/2"	(4) 3-1/2"	(4) 3"	(4) 3"
F1600	500	4/0	(5) 3"	(5) 3"	(5) 3-1/2"	(5) 4"	(5) 3-1/2"	(5) 4"	(5) 4"
F2000	500	250	(6) 3"	(6) 3"	(6) 3-1/2"	(6) 4"	(6) 3-1/2"	(6) 4"	(6) 4"
F2500	500	350	(7) 4"	(7) 3-1/2"	(7) 3-1/2"	(7) 4"	(7) 3-1/2"	(7) 4"	(7) 4"
F3000	500	500	(8) 4"	(8) 4"	(8) 4"	(8) 4"	(8) 4"	(8) 4"	(8) 4"

PANELBOARD ABBREVIATIONS

FTL FEED THROUGH LUGS
MCB MAIN CIRCUIT BREAKER
MFS MAIN FUSED SWITCH
MLO MAIN LUGS ONLY
SFL SUB-FEED LUGS
SPD SURGE PROTECTION DEVICE

POWER DISTRIBUTION

	DISTRIBUTION PANELBOARD
	BRANCH PANELBOARD - SURFACE MOUNT
	BRANCH PANELBOARD - RECESSED MOUNT
	PAD MOUNDED TRANSFORMER
	MAIN SWITCHBOARD
	AUTOMATIC TRANSFER SWITCH
	WORKING CLEARANCE ABOUT ELECTRICAL EQUIPMENT
	ARROW(S) INDICATE(S) HOME RUN AND NUMBER OF CIRCUITS. HASHMARKS INDICATE-NUMBER OF CONDUCTORS.
	GROUND WIRE
	PHASE WIRE
	NEUTRAL WIRE
	GROUND ROD
	NON FUSED DISCONNECT
	FUSED DISCONNECT
	COMBINATION MOTOR STARTER
	VARIABLE FREQUENCY DRIVE
	MOTOR RATED SWITCH
	PUSHBUTTON
	PUSH BUTTON CONTROL STATION

(NOTES APPLY TO ALL ELECTRICAL DRAWINGS)

GENERAL SYMBOLS & ABBREVIATIONS

- WHERE DIFFERENT RECESSED ELECTRICAL DEVICES WITH THE SAME MOUNTING HEIGHTS ARE INDICATED SIDE-BY-SIDE, MOUNT THE DEVICES SO THAT THERE IS FOUR INCHES BETWEEN ADJACENT VERTICAL EDGES.
- WHERE ELECTRICAL DEVICES WITH DIFFERENT MOUNTING HEIGHTS ARE LOCATED IN THE SAME AREA ALIGN DEVICES VERTICALLY THROUGH THEIR CENTERLINES.
- INSTALL SEPARATE INDEPENDENT NEUTRAL CONDUCTORS FOR ALL 120V AND 277V CIRCUITS. DO NOT SHARE NEUTRALS.
- ALL EXIT FIXTURES AND FIXTURES INDICATED WITH "NL" SHALL BE UNSWITCHED.
- UNLESS OTHERWISE NOTED, PROVIDE FEEDERS AND BRANCH CIRCUITS WHICH HAVE AN AMPACITY EQUAL TO OR GREATER THAN THE CIRCUIT OVERCURRENT PROTECTIVE DEVICE RATING SERVING THE CIRCUIT. REFER TO CIRCUIT SIZING SCHEDULE FOR SIZES OF FEEDERS AND BRANCH CIRCUITS.
- DIVISION 26 CONTRACTOR SHALL REFER TO LIFE SAFETY PLAN FOR FIRE-RATING REQUIREMENTS. DIVISION 26 CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE-RATED DEVICES/SEALS AS SHOWN ON ELECTRICAL DRAWINGS AND AS REQUIRED BASED ON LIFE SAFETY PLAN INFORMATION.
- PER NEC ARTICLE 110.26(A) AND 110.26(F) THE DEDICATED ELECTRICAL SPACE INCLUDES THE SPACE DEFINED BY EXTENDING THE FOOTPRINT OF THE ELECTRICAL EQUIPMENT (INCLUDING BUT NOT LIMITED TO SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, MOTOR CONTROLLERS) FROM THE FLOOR TO A HEIGHT OF 6'-0" ABOVE THE HEIGHT OF THE EQUIPMENT OR TO THE STRUCTURAL CEILING, WHICHEVER IS LOWER. THE DEDICATED ELECTRICAL SPACE MUST BE CLEAR OF ANY PIPING, DUCTS, LEAK PROTECTION APPARATUS, OR EQUIPMENT FOREIGN TO THE ELECTRICAL INSTALLATION. PLUMBING, HEATING, VENTILATION, AND AIR-CONDITIONING PIPING, DUCTS, AND EQUIPMENT MUST BE INSTALLED OUTSIDE THE WIDTH AND DEPTH ZONE. CONTRACTOR SHALL MAKE SURE NO PIPING OR DUCT WORK IS INSTALLED ABOVE THE ELECTRICAL EQUIPMENT. COORDINATE THESE REQUIREMENTS WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
- ALL WORK SHALL CONFORM TO OR EXCEED THE MINIMUM REQUIREMENTS OF THE CURRENT ADOPTED AND APPLICABLE ANS/NFPA 70 WITH STATE AMENDMENTS, ENERGY CODE, ANSVIEEE C2, AND ALL FEDERAL, STATE, LOCAL, AND MUNICIPAL CODES AND ORDINANCES. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH THE DIRECTIONS OF ALL AUTHORITIES HAVING JURISDICTION.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR CEILING WORK BY THE GENERAL CONTRACTOR. COORDINATE ALL ELECTRICAL WORK WITH THE GENERAL CONTRACTOR.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE PENETRATIONS THROUGH ALL FLOORS, WALLS, CEILINGS, AND OTHER CONSTRUCTION ELEMENTS REQUIRED TO COMPLETE HIS WORK. PROVIDE PROPER FIRE SAFEGUING FOR ALL PENETRATIONS MADE. PROVIDE APPROPRIATE SEALANT (I.E. FIRESEAL) TO MAINTAIN CONSTRUCTION INTEGRITY FOR ANY PENETRATIONS THROUGH FLOORS, STRUCTURAL CEILING, AND FIRE WALLS.
- ALL FEEDER NEUTRAL / GROUNDING CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. DERATE / ADJUST MULTIPLE CONDUCTORS IN A RACEWAY IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
- INSTALL ALL CONDUITS, RACEWAYS, AND CABLE TRAY FOR MAXIMUM HEAD CLEARANCE IN MECHANICAL AREAS.
- NEW DEVICES SHALL MATCH EXISTING DEVICES AND COVERPLATES.
- CEILING MOUNTED DEVICES TO REMAIN SHALL BE SUPPORTED FROM STRUCTURE DURING CONSTRUCTION AND REINSTALLED IN NEW CEILING.
- COORDINATE ALL ELECTRICAL WORK WITH ALL OTHER TRADES TO ENSURE EFFECTIVE AND EFFICIENT OVERALL INSTALLATION.
- PROVIDE CONDUIT SEALS, BOTH INTERNAL AND EXTERNAL, FOR ALL CONDUITS THAT PENETRATE EXTERIOR WALLS, ROOFS, ETC. AND PENETRATE AIR HANDLERS.
- PROVIDE SHIELDED VARIABLE FREQUENCY CABLE FROM VFD TO MOTOR.

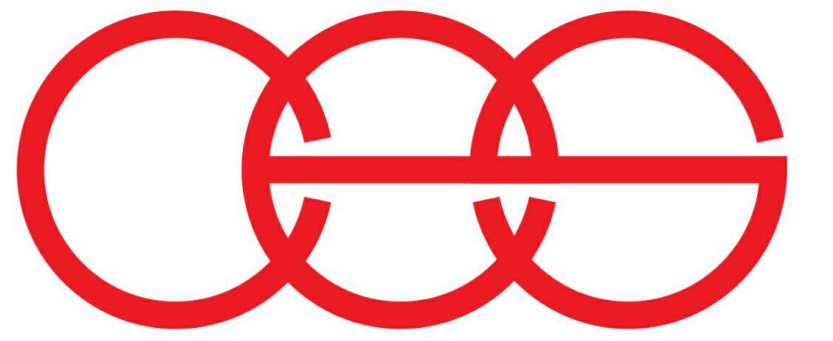
PHASING NOTE:

THIS PROJECT INTERFACES EXTENSIVELY WITH EXISTING BUILDING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND PHASE ALL TIE-INS AND INTERRUPTIONS OF EXISTING SERVICES TO MINIMIZE OR ELIMINATE DOWNTIME. AS AN EXAMPLE, MAIN GAS SERVICE, WATER SERVICE, ELECTRICAL SERVICE, HVAC SERVICES, STEAM GENERATION, ETC., WILL BE AFFECTED AND REPLACED OR MOVED DURING THIS PROJECT. THE CONTRACTOR SHALL INSTALL ALL NEW SERVICES AND EQUIPMENT AND HAVE THEM TESTED AND FULLY AND RELIABLY FUNCTIONAL PRIOR TO INTERRUPTING, RELOCATING OR REMOVING ANY EXISTING SERVICES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BARE ANY AND ALL COSTS ASSOCIATED WITH THIS PHASING, INCLUDING TEMPORARY SERVICES, TEMPORARY RELOCATION, PREMIUM TIME WORK, ETC. CONTRACTOR SHALL COORDINATE ALL SAID WORK WITH THE OWNER AND APPLICABLE UTILITIES PER THE CONTRACT DOCUMENTS.

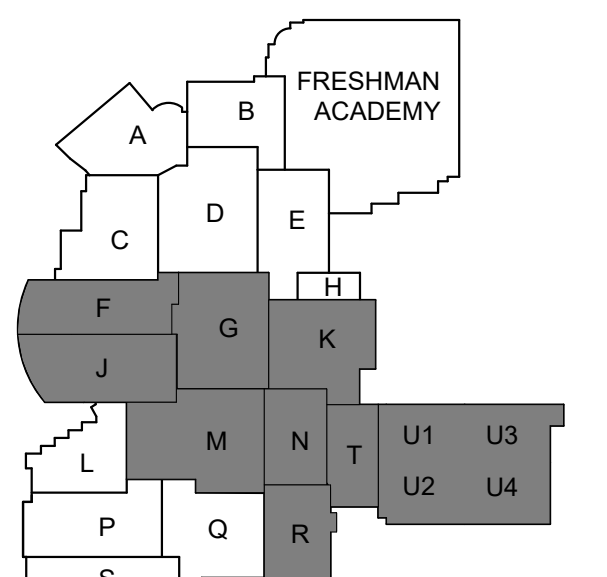
SWITCHBOARD/PANELBOARD NOTES

- VERIFY SIZE AND QUANTITY OF LUGS REQUIRED PER ONE-LINE DIAGRAM AND EXISTING CONDITIONS.
- VERIFY PANEL / LUG SIZE REQUIRED FOR FEEDERS INDICATED ON ONE-LINE DIAGRAM AND EXISTING CONDITIONS. MODIFY AS REQUIRED FOR LARGER FEEDERS.
- VERIFY CONDUIT ENTRY LOCATION ON EACH PANEL.
- CONFIRM FINAL ROOM NAMES AND NUMBERS WITH OWNER PRIOR TO CREATING FINAL PANELBOARD DIRECTORIES.
- MODIFY AIC RATINGS INDICATED ON SCHEDULES, AS REQUIRED, PER SPECIFICATION SECTION 260574.99.
- MAINTAIN EXISTING CIRCUITS TO BE RECONNECTED TO PANELS THAT ARE GETTING NEW INTERIORS. RELOCATE OR RECONNECTION FIELD. VERIFY EXISTING CIRCUITS AND CIRCUIT BREAKERS TO BE RECONNECTED. PROVIDE NEW CIRCUIT BREAKERS TO MATCH RECONNECTED LOADS.

#	Revision	Date
4	ADDENDUM #4	06.24.2024



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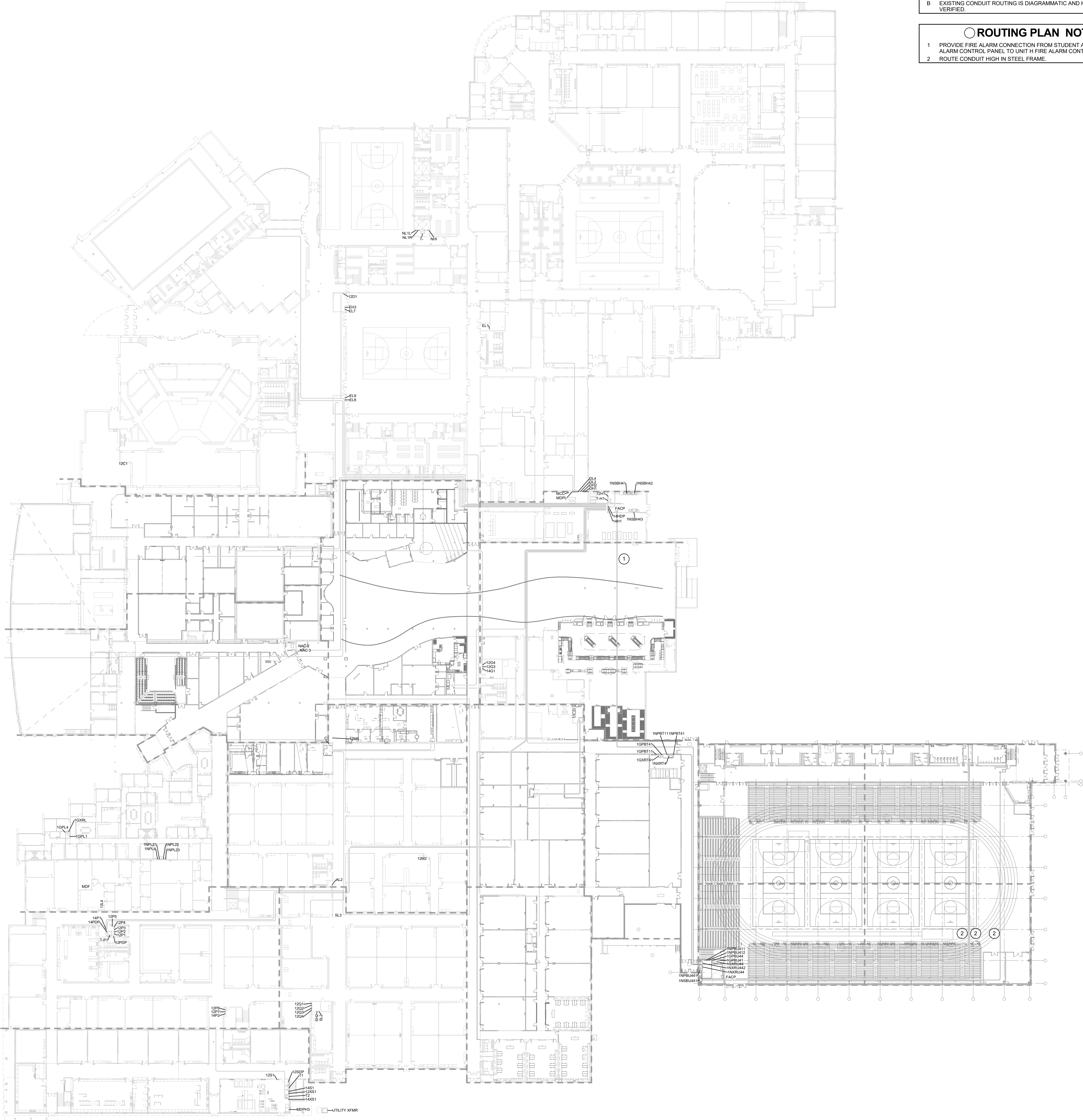
ADDITION & RENOVATIONS TO:

GENERAL ROUTING NOTES

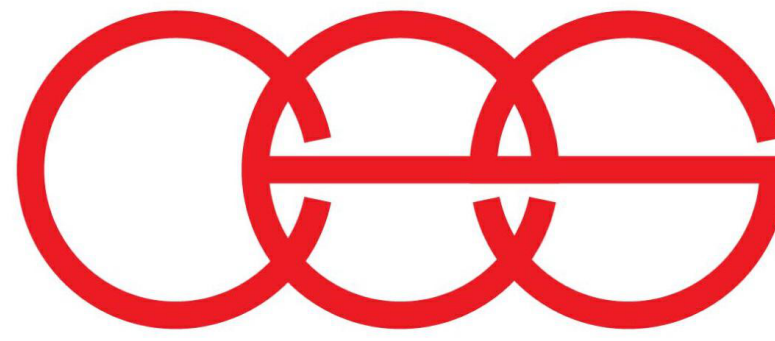
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B EXISTING CONDUIT ROUTING IS DIAGRAMMATIC AND HAS NOT BEEN FIELD VERIFIED.

ROUTING PLAN NOTES

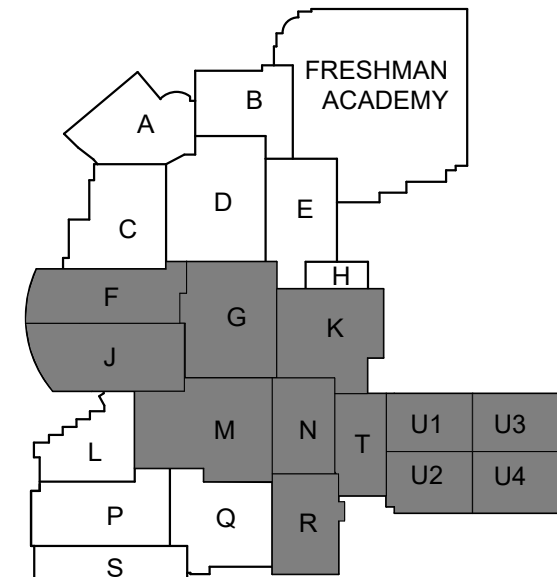
- 1 PROVIDE FIRE ALARM CONNECTION FROM STUDENT ACTIVITY CENTER FIRE ALARM CONTROL PANEL TO UNIT H FIRE ALARM CONTROL PANEL.
2 ROUTE CONDUIT HIGH IN STEEL FRAME.



1 FIRST FLOOR CONDUIT ROUTING PLAN
1" = 40'-0"

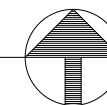


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ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

FIRST FLOOR CONDUIT ROUTING
PLAN



David L. Jones

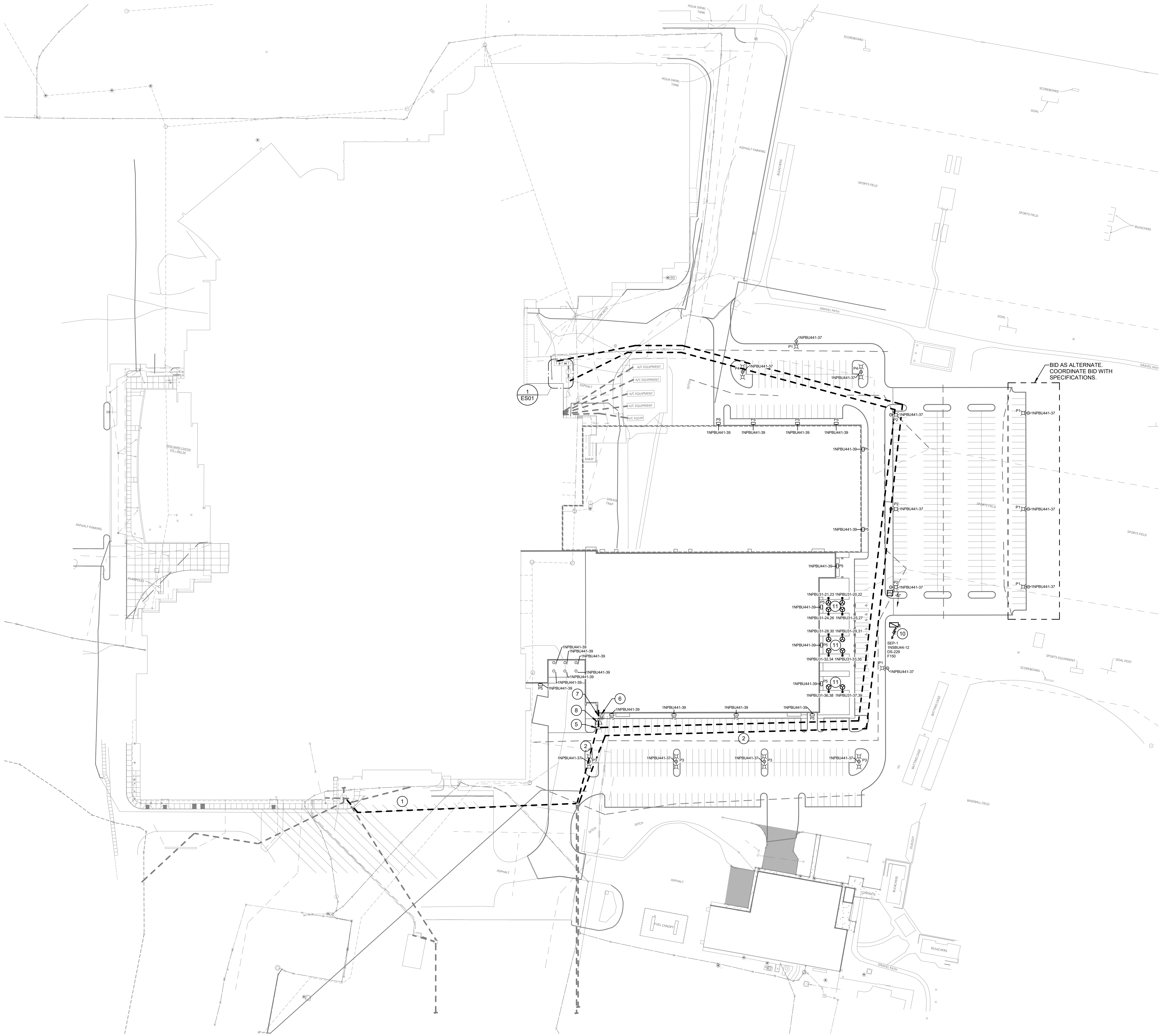
Project No: 2022063.10

Project Date:

May 29, 2024

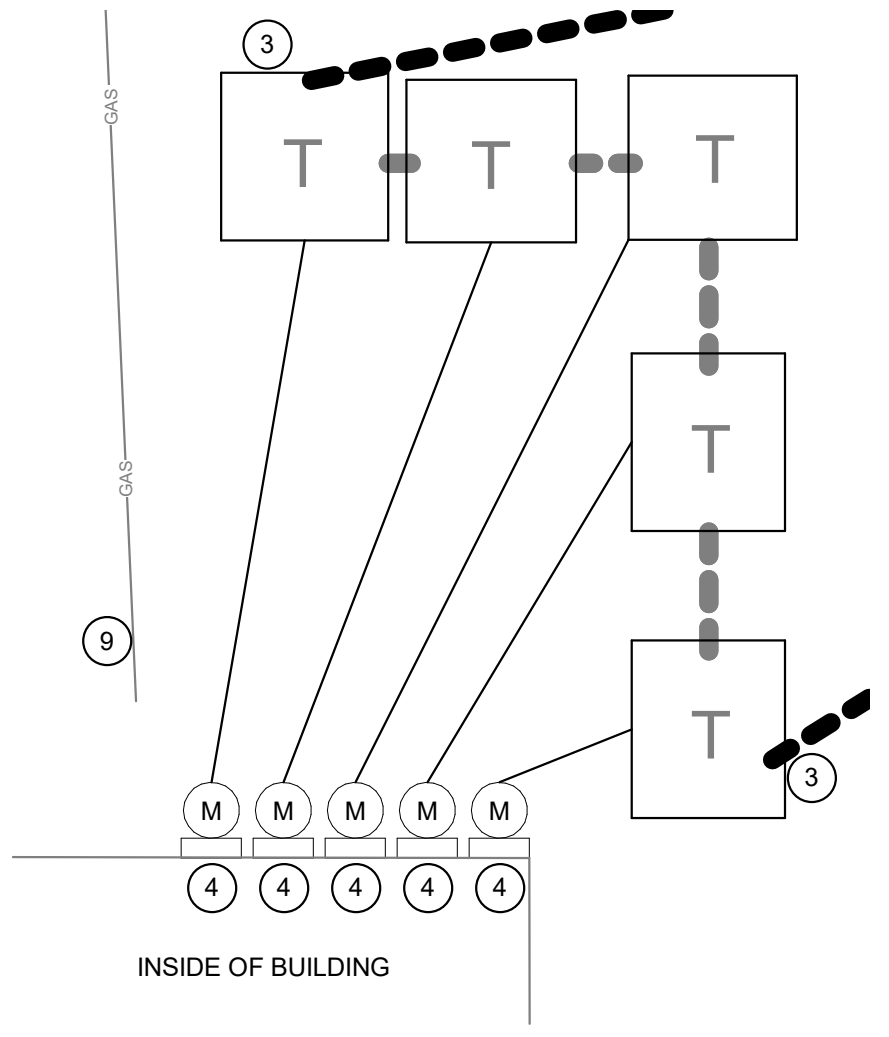
Drawing No:

EC01



2 ELECTRICAL SITE PLAN
1" = 60'-0"

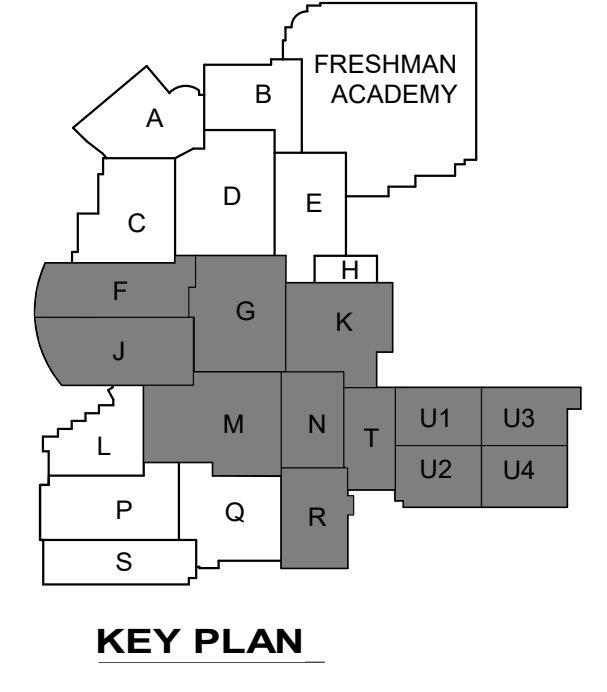
- GENERAL SITE NOTES**
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
 - B REFER TO LOCAL UTILITIES GUIDE FOR DETAILS AND REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, SERVICE REQUIREMENTS FOR UNDERGROUND PRIMARY, PROTECTIVE POLES FOR PAD-MOUNTED EQUIPMENT, UTILITY TRANSFORMER CONCRETE PAD DETAIL, ETC. INCLUDE ALL UTILITY FEES REQUIRED IN BID.
 - C PROVIDE UNDERGROUND MAGNETIC MARKERS AND WARNING TAPE ON ALL CONDUITS EXPOSED AS PART OF THIS PROJECT AND INSTALLED AS PART OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO ALL SECONDARY CONDUITS FROM TRANSFORMERS AND METER CONDUITS.
 - D PROVIDE 10'-0" CLEARANCE ON AES PRIMARY CONDUITS, COORDINATE WITH AES.
- SITE PLAN NOTES**
- 1 IP&L PRIMARY CONDUCTORS IN EXISTING CONDUIT BY IP&L.
 - 2 IP&L PRIMARY CONDUIT AND CONDUCTORS BY IP&L.
 - 3 IP&L PRIMARY CONDUCTORS AND CONDUIT TO EXISTING IP&L TRANSFORMERS. COORDINATE TRANSFORMER TERMINATIONS WITH IP&L.
 - 4 PROVIDE SECONDARY METERING ON EXISTING IP&L TRANSFORMER. PROVIDE POSTS AND UNISTRUT AS REQUIRED PER IP&L TO MOUNT REMOTE METERS. COORDINATE REMOTE METERING WITH IP&L. REFER TO DETAILS 2 AND 3 ON SHEET E501 FOR MORE INFORMATION. PROVIDE BOLLARDS AS REQUIRED BY IP&L.
 - 5 NEW IP&L TRANSFORMER, TRANSFORMER AND TRANSFORMER PAD BY IP&L. REFER TO DETAIL 1 ON SHEET E501 FOR MORE INFORMATION. PROVIDE BOLLARDS AS REQUIRED PER IP&L.
 - 6 NEW IP&L REMOTE METER. REFER TO DETAIL 2 AND 3 ON SHEET E501 FOR MORE INFORMATION. PROVIDE BOLLARDS AS REQUIRED PER IP&L.
 - 7 PROVIDE SECONDARY CONDUCTORS FROM TRANSFORMER TO ELECTRICAL GEAR. COORDINATE LOCATION, GROUND AND BOND NEUTRAL. REFER TO DETAIL 4 ON SHEET E501 FOR MORE INFORMATION.
 - 8 PROVIDE GROUNDING TRIAD. REFER TO DETAIL 5 ON SHEET E501 FOR MORE INFORMATION.
 - 9 MAINTAIN 36" CLEARANCE FROM EXISTING UNDERGROUND GAS LINE FOR NEW ELECTRICAL WORK. FIELD LOCATE UNDERGROUND GAS LINE. PROVIDE UNDERGROUND MAGNETIC MARKERS AND WARNING TAPE ON EXPOSED GAS LINE TO BUILDINGS.
 - 10 PROVIDE POWER CONNECTION TO SEW-1. COORDINATE LOCATION WITH CIVIL DRAWINGS.
 - 11 PROVIDE PEDOC POWER SOLUTIONS IN A 5X5 WITH INTEGRAL BASE, 36" HIGH, 2 GFCI OUTLETS, LOCKABLE HINGED IN USE COVER, BRUSHED FINISH.



1 ENLARGED ELECTRICAL UTILITY METER PLAN
1/8" = 1'-0"

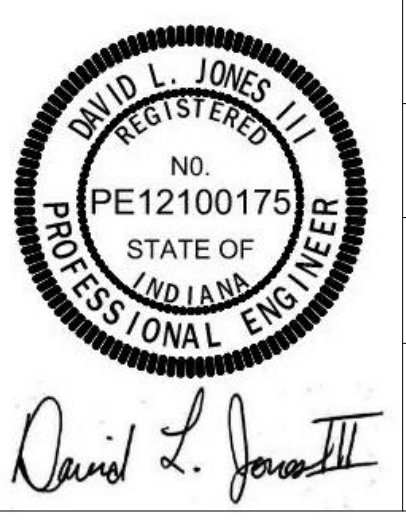
#	Revision	Date
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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
ELECTRICAL SITE PLANS



Project No: 2022063.10
Project Date: **May 29, 2024**
Drawing No: **ES01**

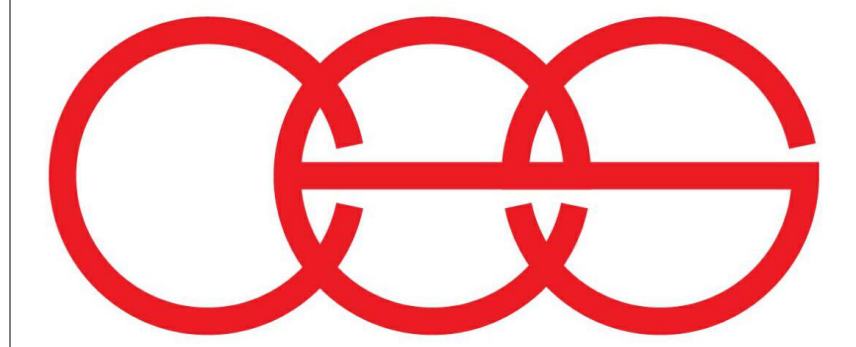
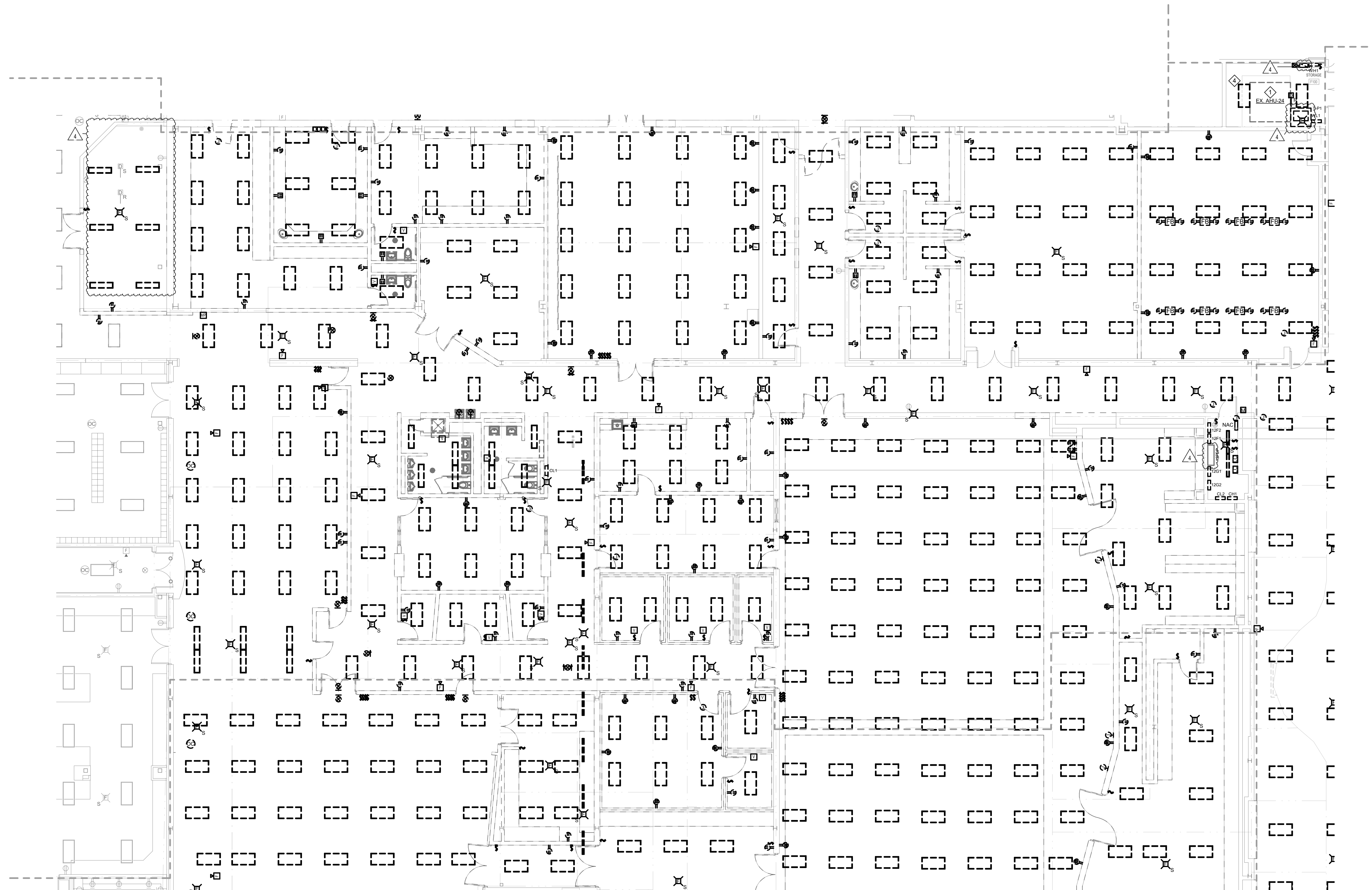
#	Revision	Date
4	ADDENDUM #4	06.24.2024

GENERAL DEMOLITION NOTES

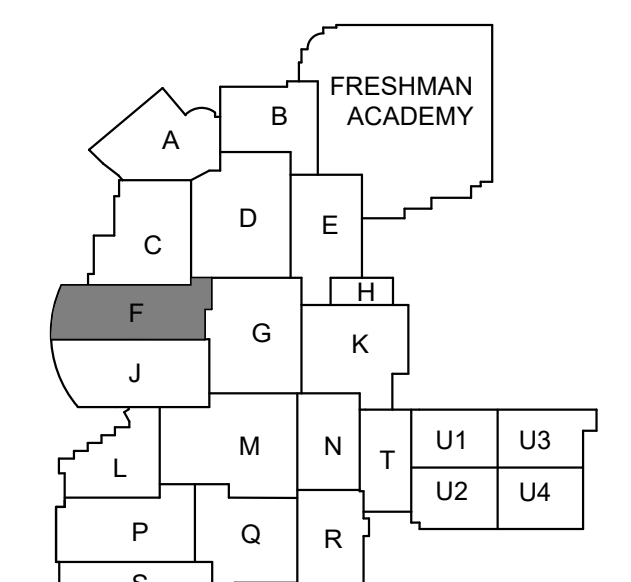
- | | |
|---|--|
| A | REFER TO SHEET E001 FOR ADDITIONAL INFORMATION. |
| B | THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO REMOVAL. |
| C | CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER DRAWING NOT SPECIFICALLY IDENTIFIED AS TO BE REMOVED SHALL BE PRESERVED. |
| D | THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY INSTALL ALL WORK REQUIRED FOR THE PROJECT. |
| E | THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT. |
| F | ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN. |
| G | REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLDDASHED LINEWORK. |
| H | COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT. |
| I | PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT. |
| J | PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS WHERE NEW WALLS ARE BEING CONSTRUCTED, PATCH AND FINISH. |
| K | REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. PRIOR TO ELECTRICAL REMOVAL FOLLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILING. |
| L | PROVIDE A FULL TEST ON FIRE ALARM SYSTEM PRIOR TO DEMOLITION. |

DEMOLITION PLAN NOTES

- 1 DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE CIRCUIT BREAKER.
- 2 DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES.
- 3 DISCONNECT POWER CONNECTION TO ELECTRICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES. CLEAN AND LUBRICATE FUSED SWITCH.
- 4 MAINTAIN LIGHTING CIRCUIT FOR REUSE.
- 5 EXISTING FEEDERS SERVING EXISTING KITCHEN EQUIPMENT TO BE REMOVED ALL THE WAY TO PANELBOARD. EXISTING BREAKERS TO REMAIN FOR LATER USE IN THE NEW CONSTRUCTION PHASE.

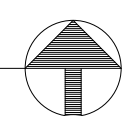


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ADDITION & RENOVATIONS TO:

**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**

FRANKLIN TOWNSHIP COM
INDIANAPOLIS, INDIANA

DEMOLITION FIRST FLOOR
ELECTRICAL PLAN - UNIT F



Project No: 2022063.10

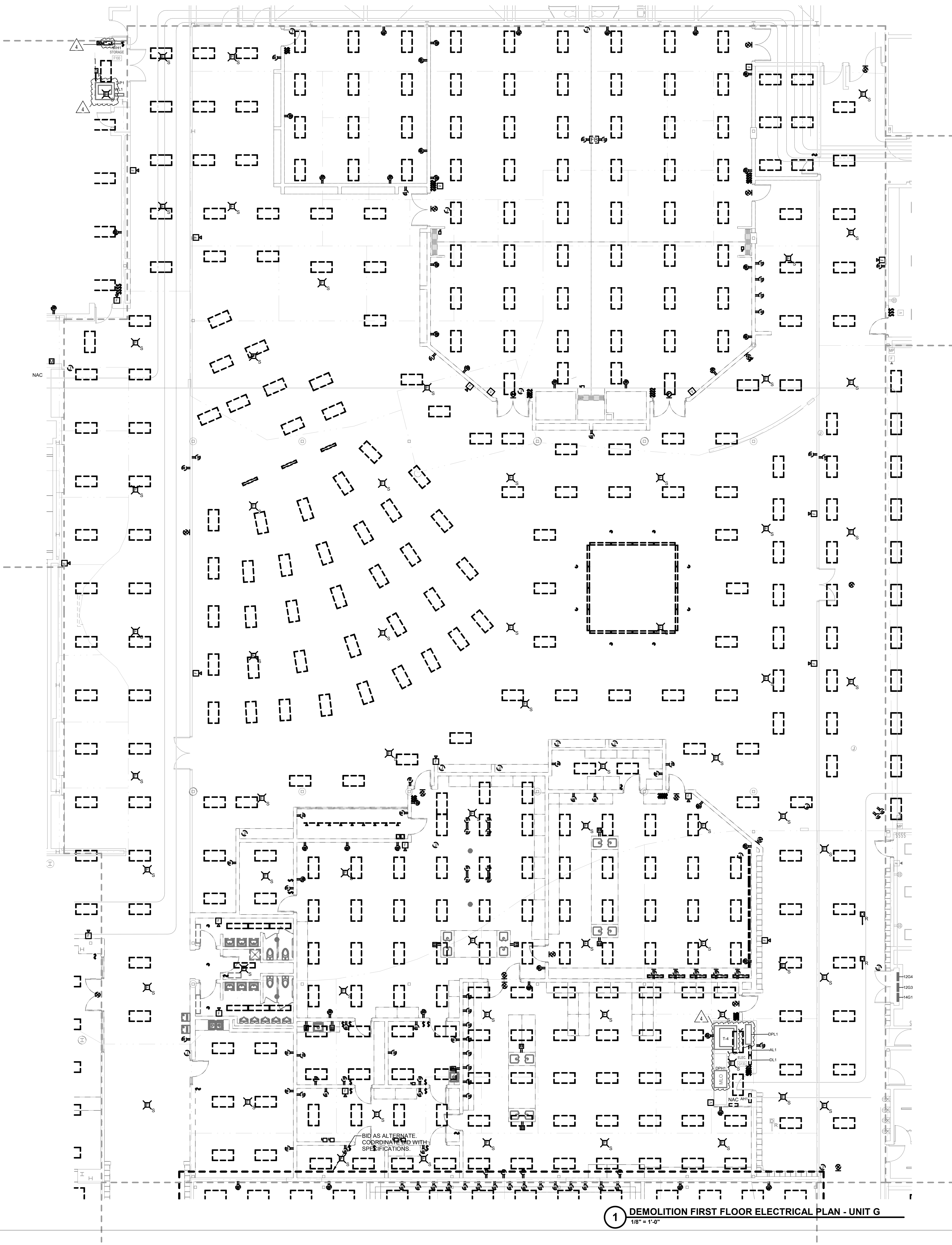
Project Date:
May 29, 2024

Drawing No:

ED1F

1 DEMOLITION FIRST FLOOR ELECTRICAL PLAN - UNIT F
1/8" = 1'-0"

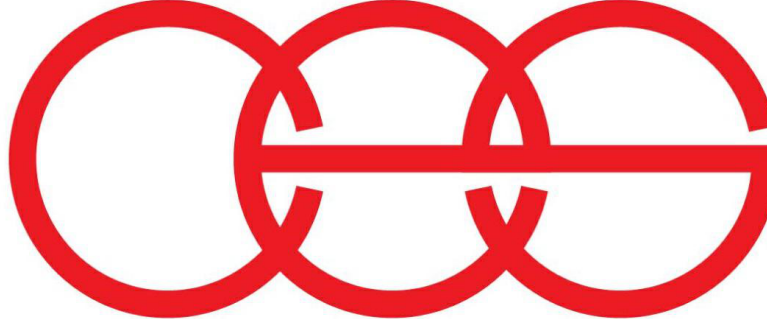
David L. Jones III

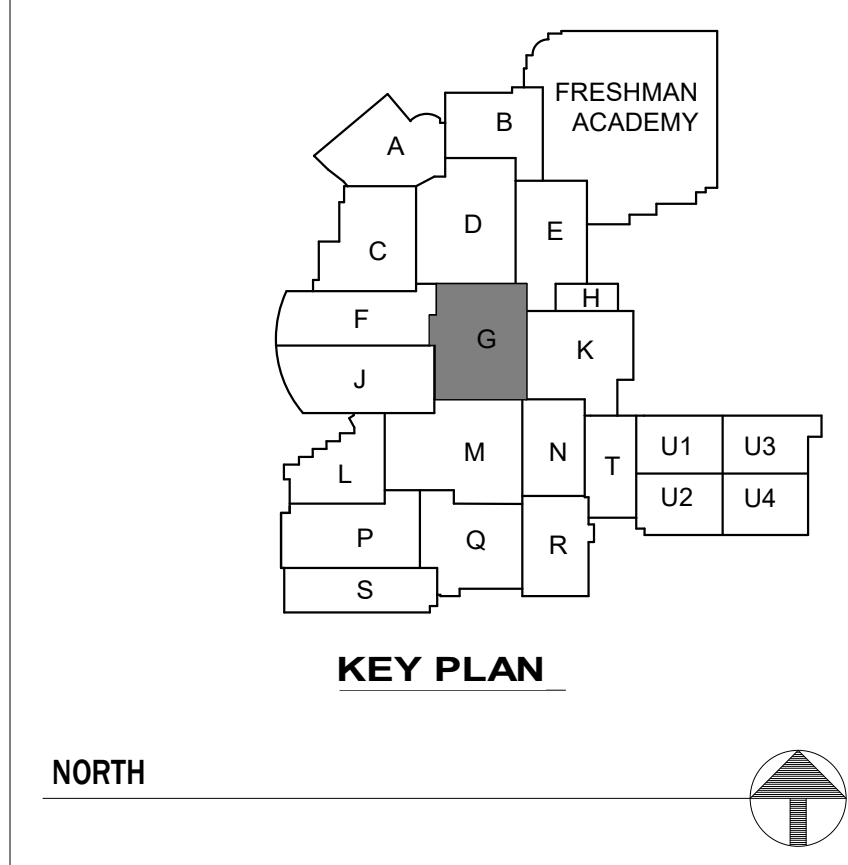


- GENERAL DEMOLITION NOTES**
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
 - B THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
 - C CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
 - D THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY INSTALL ALL WORK REQUIRED FOR THE PROJECT.
 - E THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
 - F ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN.
 - G REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK COMPLETE.
 - H COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.
 - I PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS.
 - J PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS RECEIVING NEW WALL TREATMENTS, PATCH THE EXISTING OPENING.
 - K REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DEVICES, FIXTURES, ETC. AS REQUIRED. RE-INSTALL ELECTRICAL ITEMS FOLLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILINGS.
 - L PROVIDE A FULL TEST ON FIRE ALARM SYSTEM PRIOR TO DEMOLITION.

- DEMOLITION PLAN NOTES**
- 1 DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE CIRCUIT BREAKER.
 - 2 DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES.
 - 3 DISCONNECT POWER CONNECTION TO ELECTRICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES. CLEAN AND LUBRICATE FUSED SWITCH.
 - 4 MAINTAIN LIGHTING CIRCUIT FOR REUSE.
 - 5 EXISTING FEEDERS SERVING EXISTING KITCHEN EQUIPMENT TO BE REMOVED ALL THE WAY TO PANELBOARD. EXISTING BREAKERS TO REMAIN FOR LATER USE IN THE NEW CONSTRUCTION PHASE.

#	Revision	Date
4	ADDENDUM #4	06.24.2024


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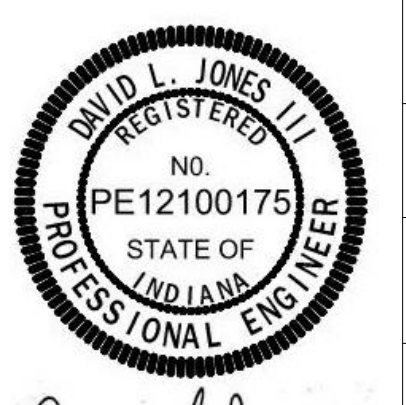


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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**DEMOLITION FIRST FLOOR
ELECTRICAL PLAN - UNIT G**

Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: ED1G


David L. Jones

1 DEMOLITION FIRST FLOOR ELECTRICAL PLAN - UNIT G
1/8" = 1'-0"

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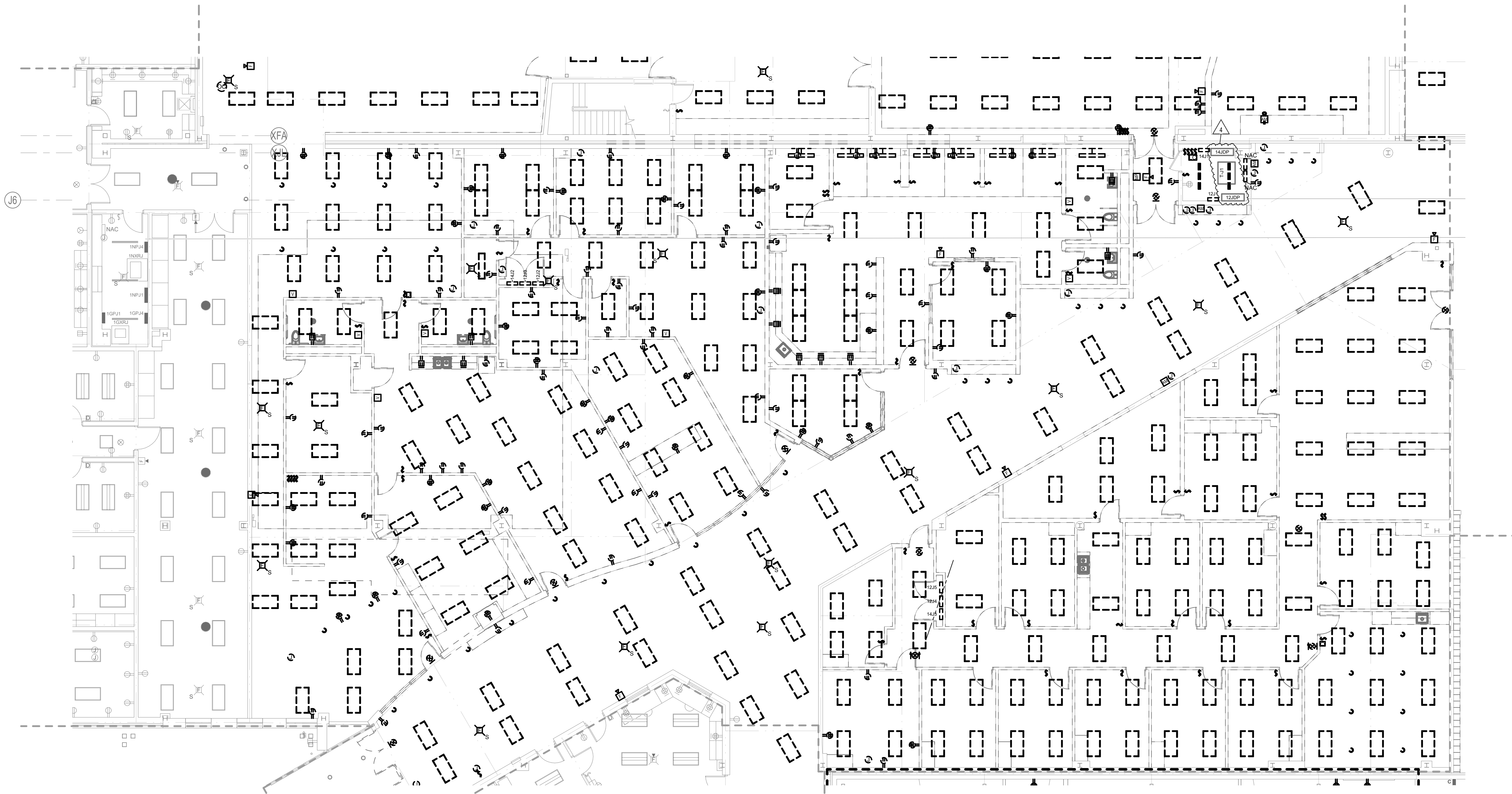
#	Revision	Date
4	ADDENDUM #4	06.24.2024

GENERAL DEMOLITION NOTES

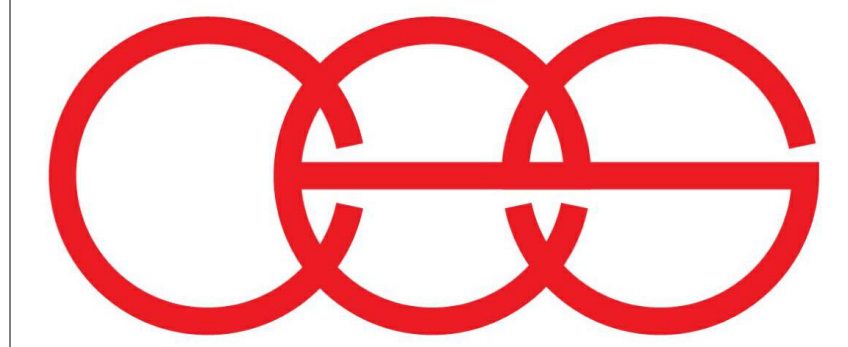
- REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
- THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
- CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
- THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY INSTALL ALL WORK REQUIRED FOR THE PROJECT.
- THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
- ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN.
- REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK COMPLETE.
- COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.
- PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS.
- PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS RECEIVING NEW WALL TREATMENTS, PATCH THE EXISTING OPENING.
- REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DEVICES, FIXTURES, ETC. AS REQUIRED. RE-INSTALL ELECTRICAL ITEMS FOLLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILINGS.
- PROVIDE A FULL TEST ON FIRE ALARM SYSTEM PRIOR TO DEMOLITION.

DEMOLITION PLAN NOTES

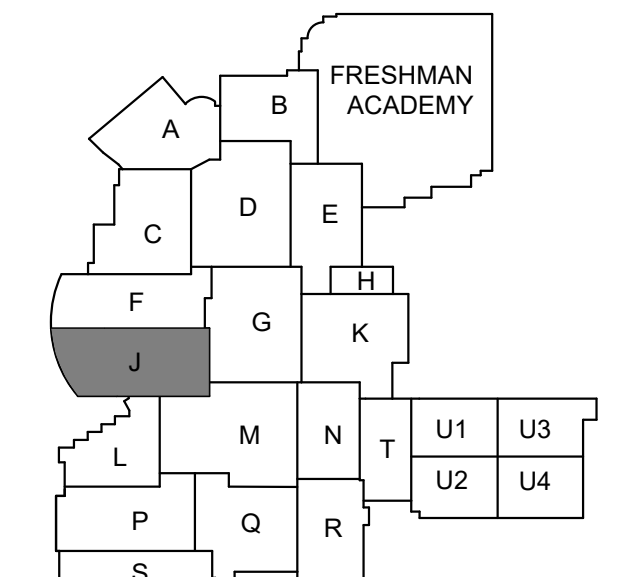
- DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE CIRCUIT BREAKER.
- DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES.
- DISCONNECT POWER CONNECTION TO ELECTRICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES. CLEAN AND LUBRICATE FUSED SWITCH.
- MAINTAIN LIGHTING CIRCUIT FOR REUSE.
- EXISTING FEEDERS SERVING EXISTING KITCHEN EQUIPMENT TO BE REMOVED ALL THE WAY TO PANELBOARD. EXISTING BREAKERS TO REMAIN FOR LATER USE IN THE NEW CONSTRUCTION PHASE.



1 DEMOLITION FIRST FLOOR ELECTRICAL PLAN - UNIT J
1/8" = 1'-0"

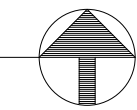


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**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

**DEMOLITION FIRST FLOOR
ELECTRICAL PLAN - UNIT J**



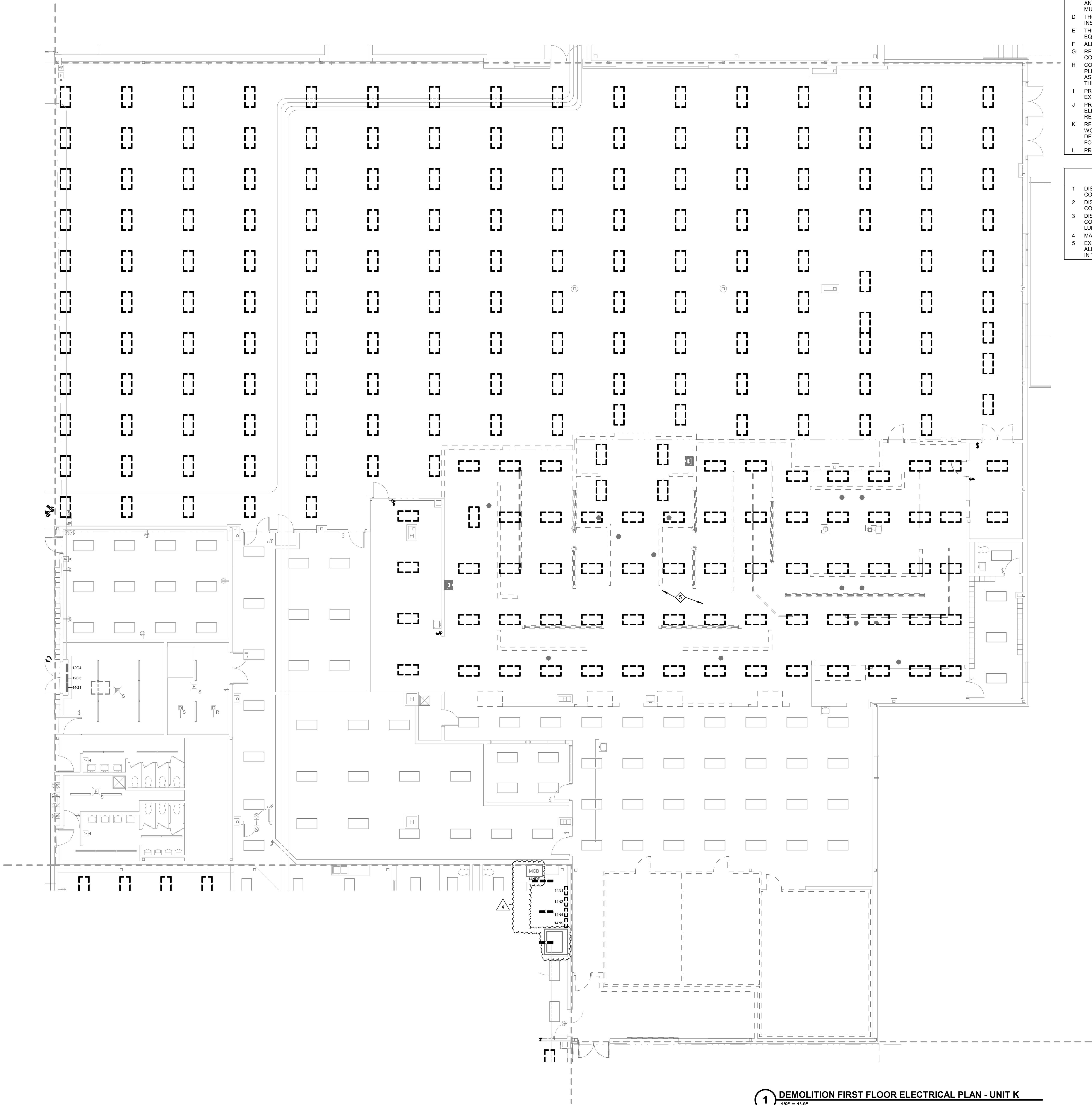
David L. Jones III

Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

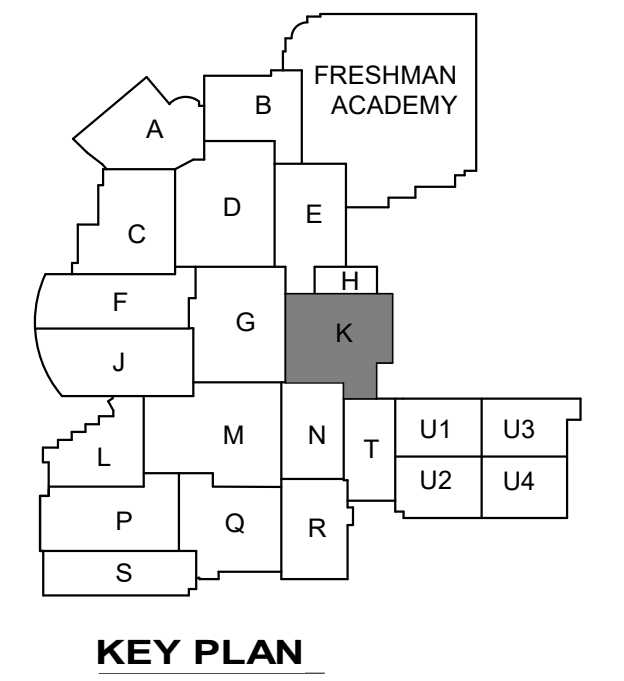
ED1J



- GENERAL DEMOLITION NOTES**
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
 - B THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
 - C CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
 - D THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY INSTALL ALL WORK REQUIRED FOR THE PROJECT.
 - E THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
 - F ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN.
 - G REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK COMPLETE.
 - H COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.
 - I PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS.
 - J PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS RECEIVING NEW WALL TREATMENTS, PATCH THE EXISTING OPENING.
 - K REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DEVICES, FIXTURES, ETC. AS REQUIRED. RE-INSTALL ELECTRICAL ITEMS FOLLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILINGS.
 - L PROVIDE A FULL TEST ON FIRE ALARM SYSTEM PRIOR TO DEMOLITION.

- DEMOLITION PLAN NOTES**
- 1 DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE CIRCUIT BREAKER.
 - 2 DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES.
 - 3 DISCONNECT POWER CONNECTION TO ELECTRICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES. CLEAN AND LUBRICATE FUSED SWITCH.
 - 4 MAINTAIN LIGHTING CIRCUIT FOR REUSE.
 - 5 EXISTING FEEDERS SERVING EXISTING KITCHEN EQUIPMENT TO BE REMOVED ALL THE WAY TO PANELBOARD. EXISTING BREAKERS TO REMAIN FOR LATER USE IN THE NEW CONSTRUCTION PHASE.

#	Revision	Date
4	ADDENDUM #4	06.24.2024



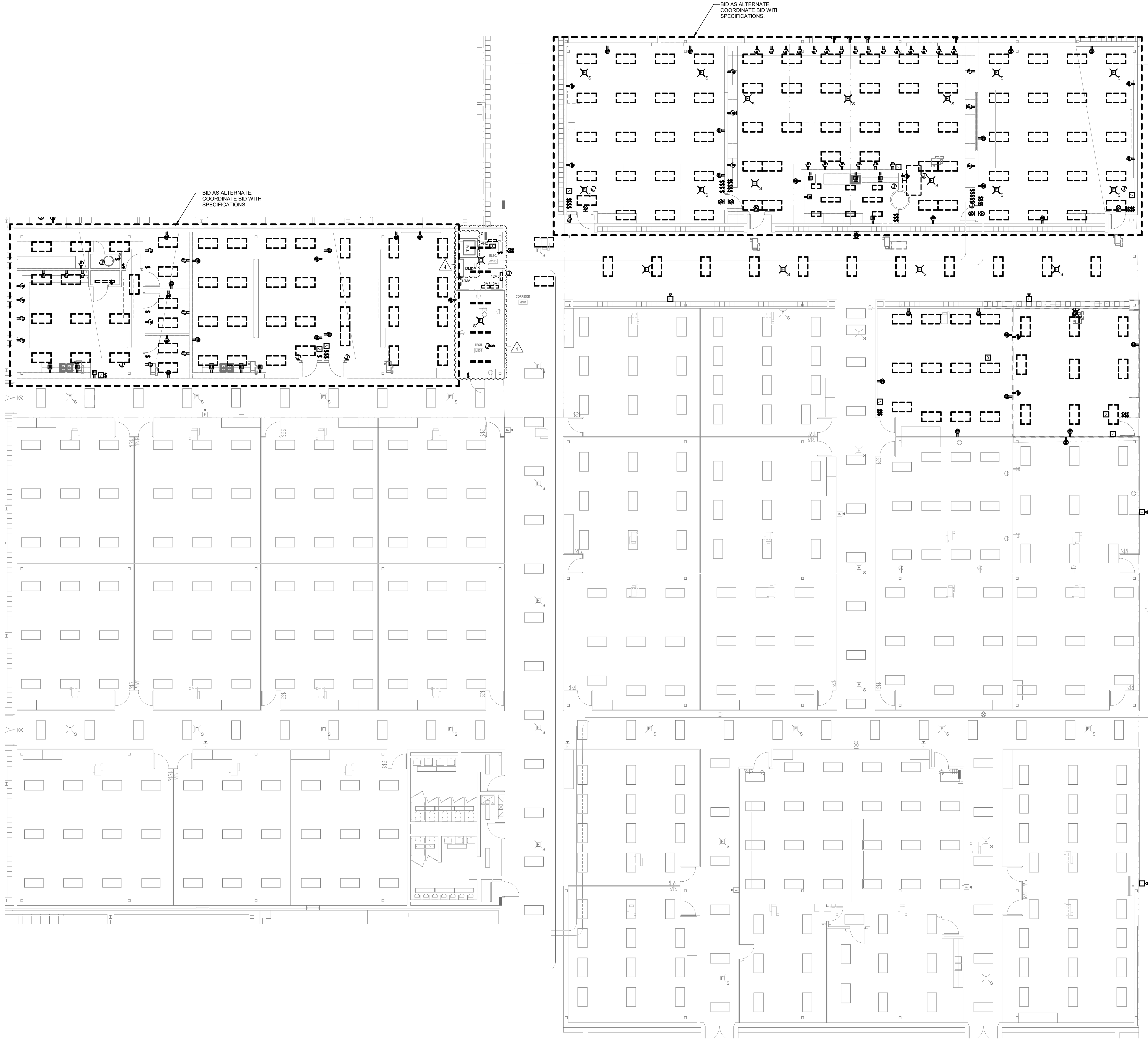
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**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**DEMOLITION FIRST FLOOR
ELECTRICAL PLAN - UNIT K**

Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: ED1K

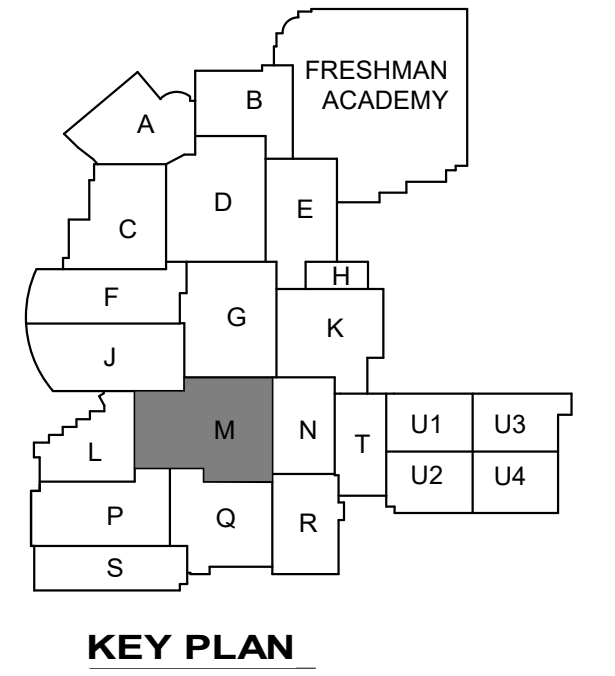
1 DEMOLITION FIRST FLOOR ELECTRICAL PLAN - UNIT K
1/8" = 1'-0"



- GENERAL DEMOLITION NOTES**
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 - B THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
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 - F ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN.
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 - L PROVIDE A FULL TEST ON FIRE ALARM SYSTEM PRIOR TO DEMOLITION.

- DEMOLITION PLAN NOTES**
- 1 DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE CIRCUIT BREAKER.
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#	Revision	Date
4	ADDENDUM #4	06.24.2024



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**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**DEMOLITION FIRST FLOOR
ELECTRICAL PLAN - UNIT M**



David L. Jones III

Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

ED1M

1 DEMOLITION FIRST FLOOR ELECTRICAL PLAN - UNIT M
1/8" = 1'-0"

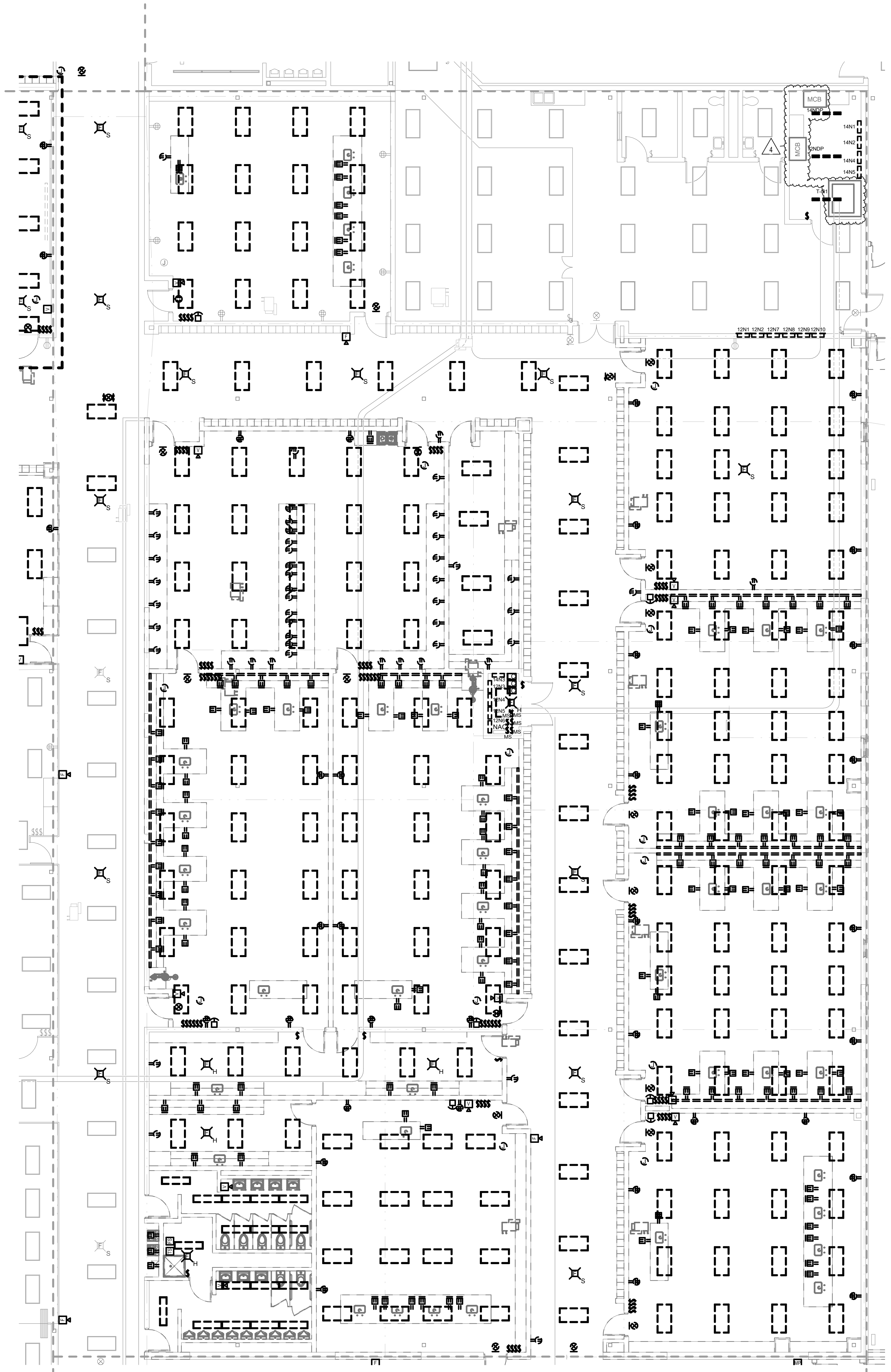
#	Revision	Date
4	ADDENDUM #4	06.24.2024

GENERAL DEMOLITION NOTES

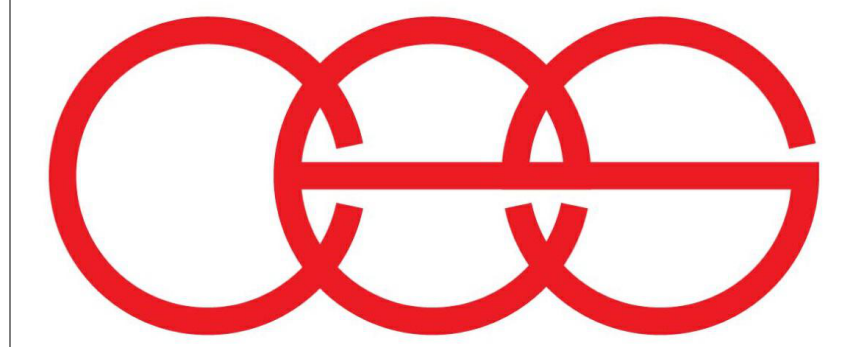
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L PROVIDE A FULL TEST ON FIRE ALARM SYSTEM PRIOR TO DEMOLITION.

DEMOLITION PLAN NOTES

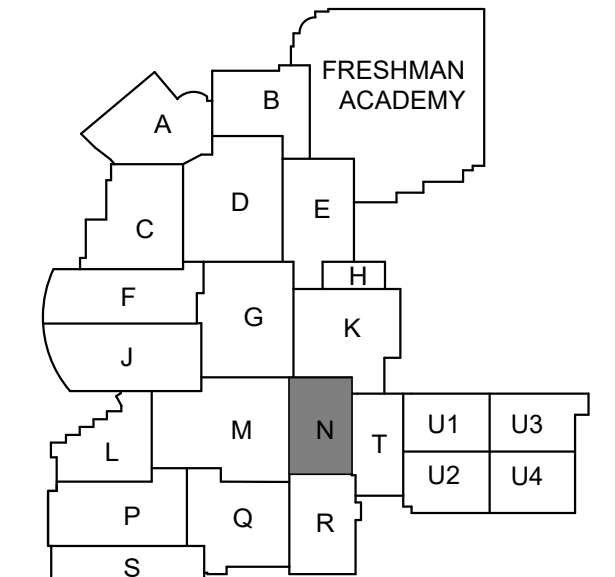
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3 DISCONNECT POWER CONNECTION TO ELECTRICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES. CLEAN AND LUBRICATE FUSED SWITCH.
4 MAINTAIN LIGHTING CIRCUIT FOR REUSE.
5 EXISTING FEEDERS SERVING EXISTING KITCHEN EQUIPMENT TO BE REMOVED ALL THE WAY TO PANELBOARD. EXISTING BREAKERS TO REMAIN FOR LATER USE IN THE NEW CONTRUCTION PHASE.



1 DEMOLITION FIRST FLOOR ELECTRICAL PLAN - UNIT N
1/8" = 1'-0"



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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**DEMOLITION FIRST FLOOR
ELECTRICAL PLAN - UNIT N**



Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: ED1N

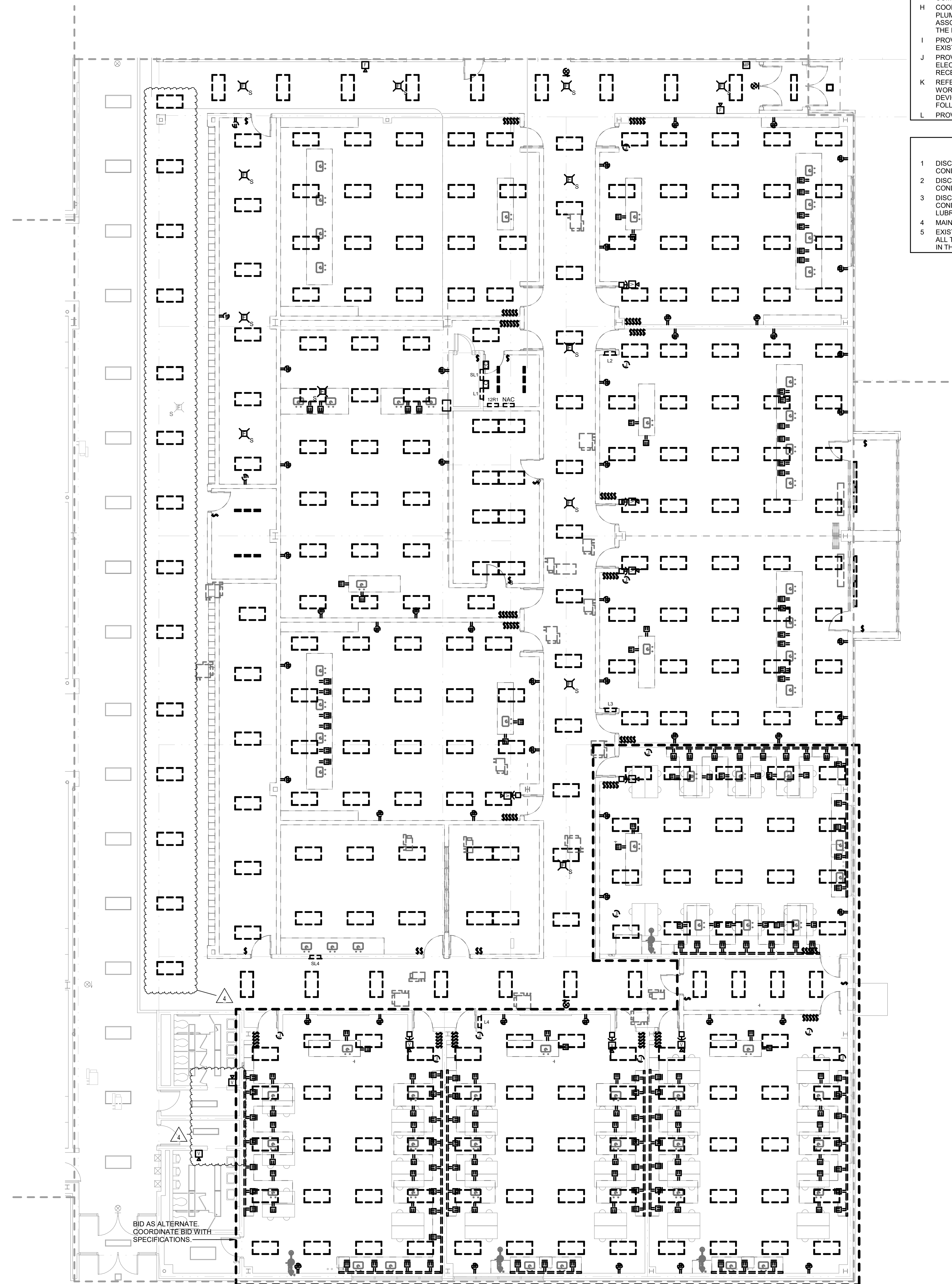
#	Revision	Date
4	ADDENDUM #4	06.24.2024

GENERAL DEMOLITION NOTES

- | | |
|---|--|
| A | REFER TO SHEET E001 FOR ADDITIONAL INFORMATION. |
| B | THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO BEGINNING REMEDIATION. |
| C | CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER DOCUMENT NOT SPECIFICALLY IDENTIFIED HEREIN IS TO BE DELETED. |
| D | THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY INSTALL ALL WORK REQUIRED FOR THE PROJECT. |
| E | THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT. |
| F | ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN. |
| G | REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLDDASHED LINEWORK. |
| H | COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL. BY OTHERS. REMOVE ALL ELECTRICAL EQUIPMENT, ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT. |
| I | PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF ELECTRICAL EQUIPMENT AND ELECTRICAL PENETRATIONS. |
| J | PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS WHERE THERE IS NO NEW WIRING, THE COVERPLATE SHALL BE REMOVED. |
| K | REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL EQUIPMENT, FUTURE WORK, AND EXISTING ELECTRICAL EQUIPMENT PRIOR TO FOLLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILINGS. |
| L | PROVIDE A FULL TEST ON FIRE ALARM SYSTEM PRIOR TO DEMOLITION. |

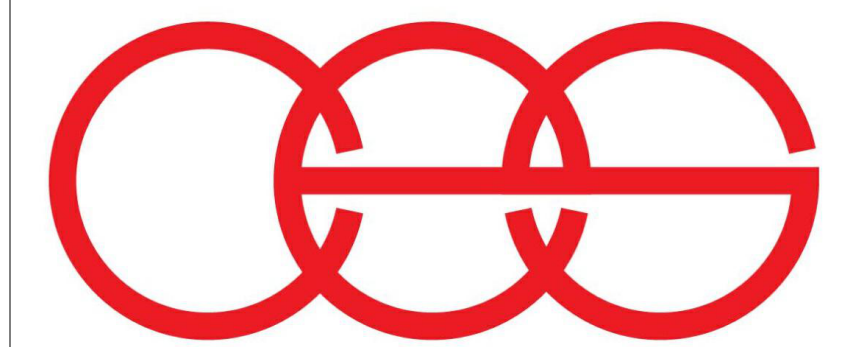
DEMOLITION PLAN NOTES

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- 2 DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES.
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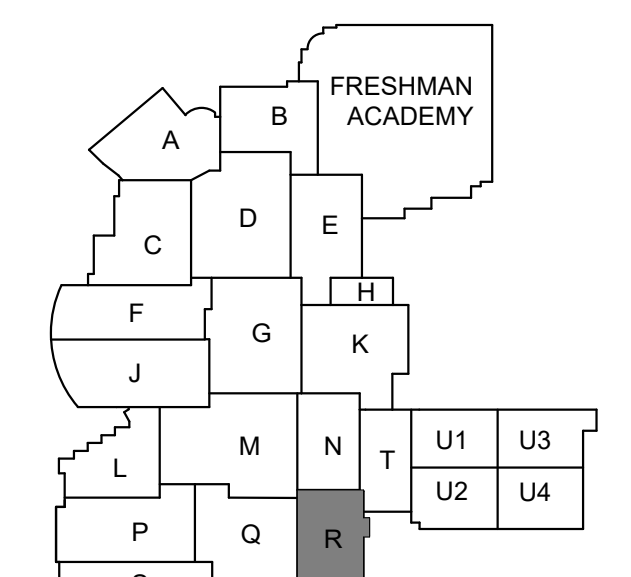


BID AS ALTERNATE.
COORDINATE BID WITH
SPECIFICATIONS.

1 DEMOLITION FIRST FLOOR ELECTRICAL PLAN - UNIT R
1/8" = 1'-0"

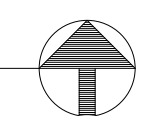


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**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

DEMOLITION FIRST FLOOR
ELECTRICAL PLAN - UNIT R



Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

ED1R

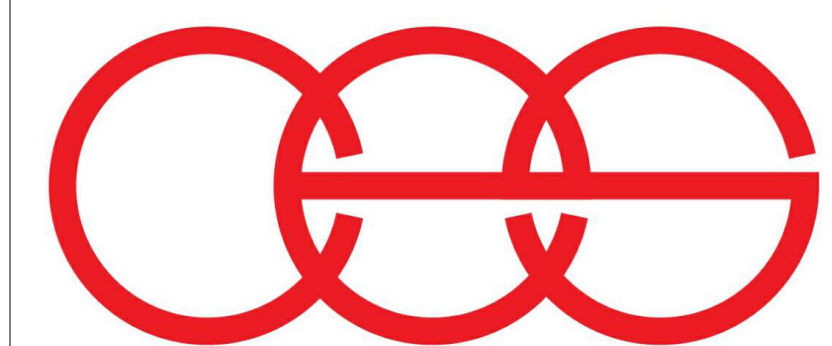
David L. Jewett III



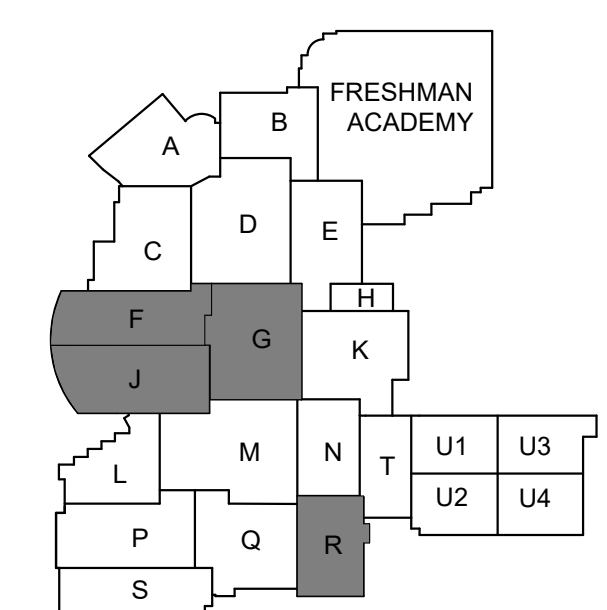
- ## **GENERAL REMOVAL NOTES**
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
- B THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFICATION ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
- C CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS. CONTRACTOR IS RESPONSIBLE TO CORRELATE SURVEY DATA AND DRAWINGS. ANY DISCREPANCY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANYTHING NOT BEING EXECUTED THE SAME AS IF SHOWN ON BOTH.
- D THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY ASSESS THE CONDITION OF THE EXISTING PROJECT.
- E THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
- F ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN.
- G REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK TO BE REMOVED.
- H COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.
- I PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC.
- J PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED IN AREAS WHERE NEW WALL OR PARTITION WALLS ARE NOT TO BE INSTALLED.
- K REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DEVICES, FIXTURES, ETC. AS REQUIRED. RE-INSTALL ELECTRICAL ITEMS FOLLOWING THE COMPLETION OF THE WORK IN THE NEW AREAS. SEE DETAILS.
- L PROVIDE A FULL TEST ON FIRE ALARM SYSTEM PRIOR TO DEMOLITION.

- ## ◆ DEMOLITION PLAN NOTES
1. DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE CIRCUIT BREAKER.
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 4. MAINTAIN LIGHTING CIRCUIT FOR REUSE.
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#	Revision	Date
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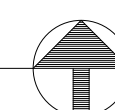


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KEY PLAN

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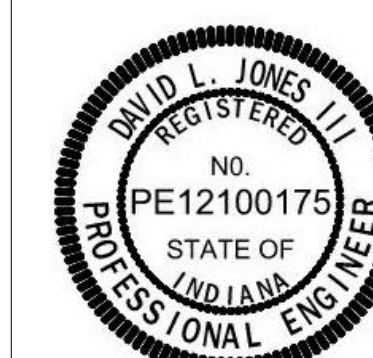
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FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

DEMOLITION MEZZANINE ELECTRICAL PLANS

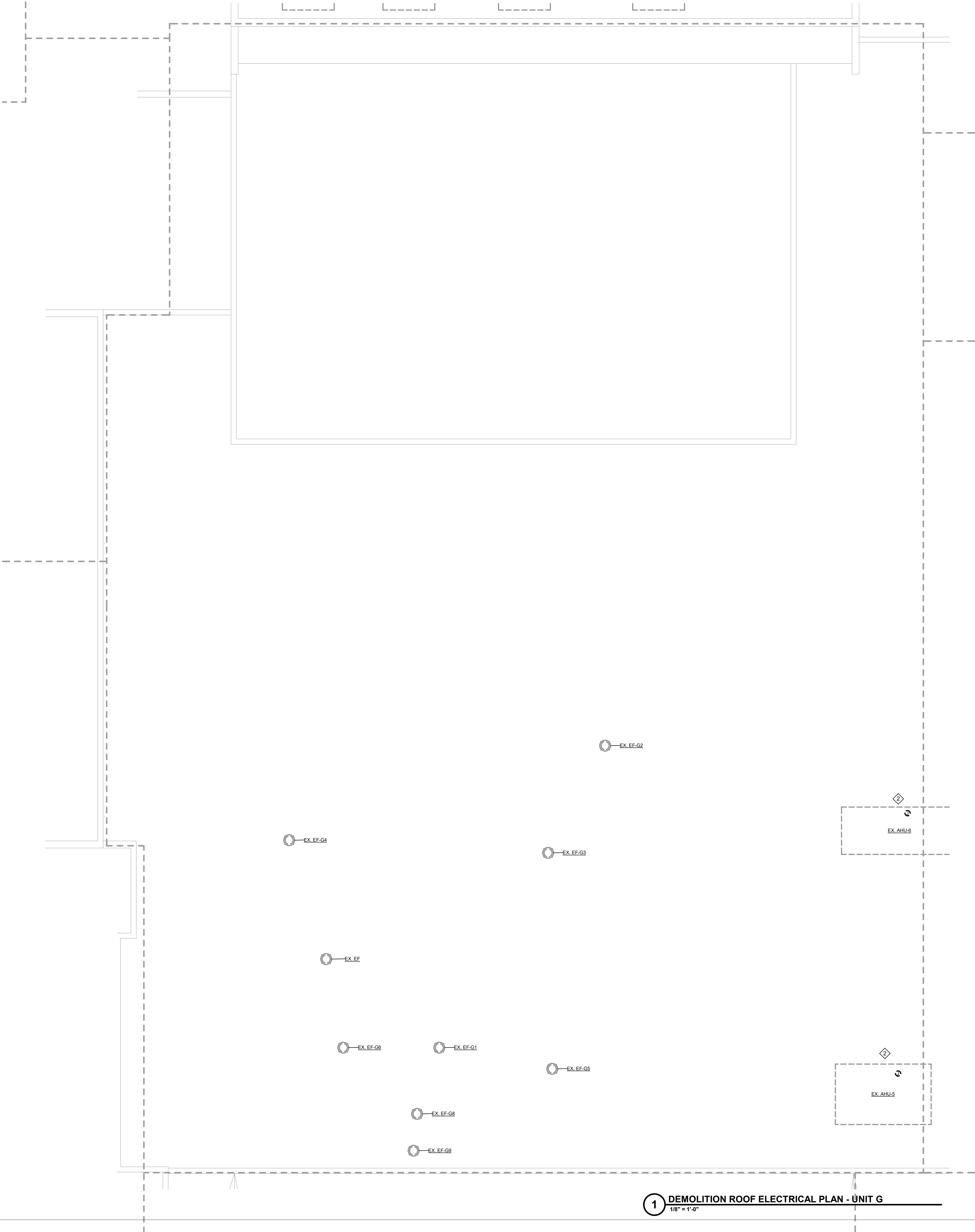


Project No: 2023063_10

Project Date:	May 29, 2024
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Drawing No:

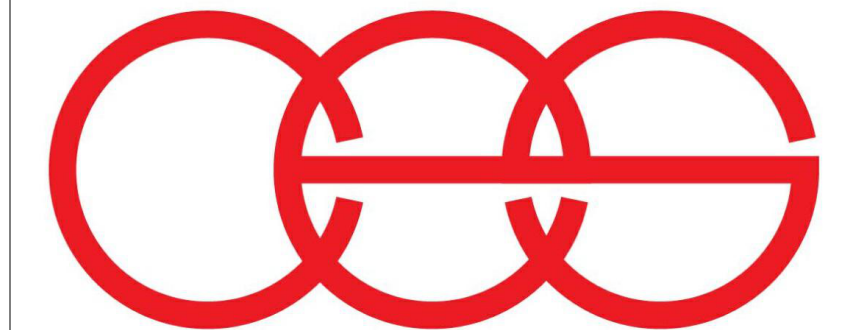
ED2X



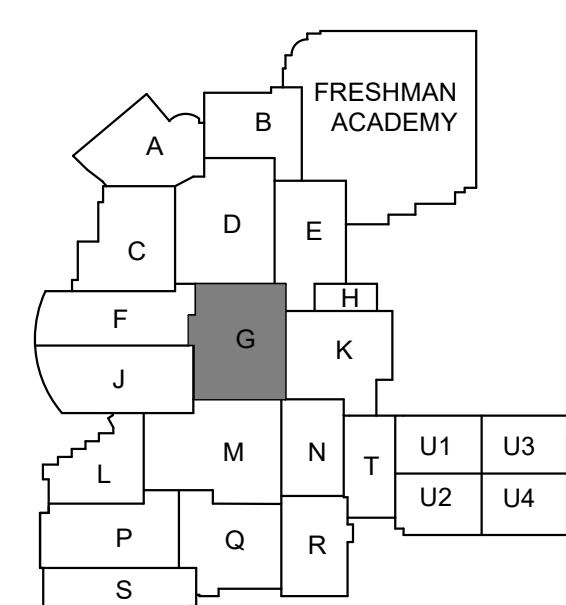
- GENERAL DEMOLITION NOTES**
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
 - B THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
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 - D THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY INSTALL ALL WORK REQUIRED FOR THE PROJECT.
 - E THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
 - F ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN.
 - G REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK COMPLETE.
 - H COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.
 - I PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS.
 - J PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS RECEIVING NEW WALL TREATMENTS, PATCH THE EXISTING OPENING.
 - K REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DEVICES, FIXTURES, ETC. AS REQUIRED. RE-INSTALL ELECTRICAL ITEMS FOLLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILINGS.
 - L PROVIDE A FULL TEST ON FIRE ALARM SYSTEM PRIOR TO DEMOLITION.

- DEMOLITION PLAN NOTES**
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 - 2 DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES.
 - 3 DISCONNECT POWER CONNECTION TO ELECTRICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE FUSES. CLEAN AND LUBRICATE FUSED SWITCH.
 - 4 MAINTAIN LIGHTING CIRCUIT FOR REUSE.
 - 5 EXISTING FEEDERS SERVING EXISTING KITCHEN EQUIPMENT TO BE REMOVED ALL THE WAY TO PANELBOARD. EXISTING BREAKERS TO REMAIN FOR LATER USE IN THE NEW CONSTRUCTION PHASE.

#	Revision	Date
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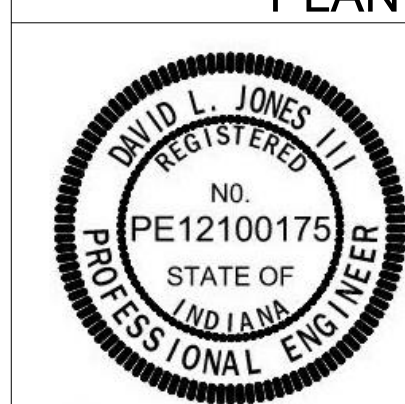
KEY PLAN

NORTH

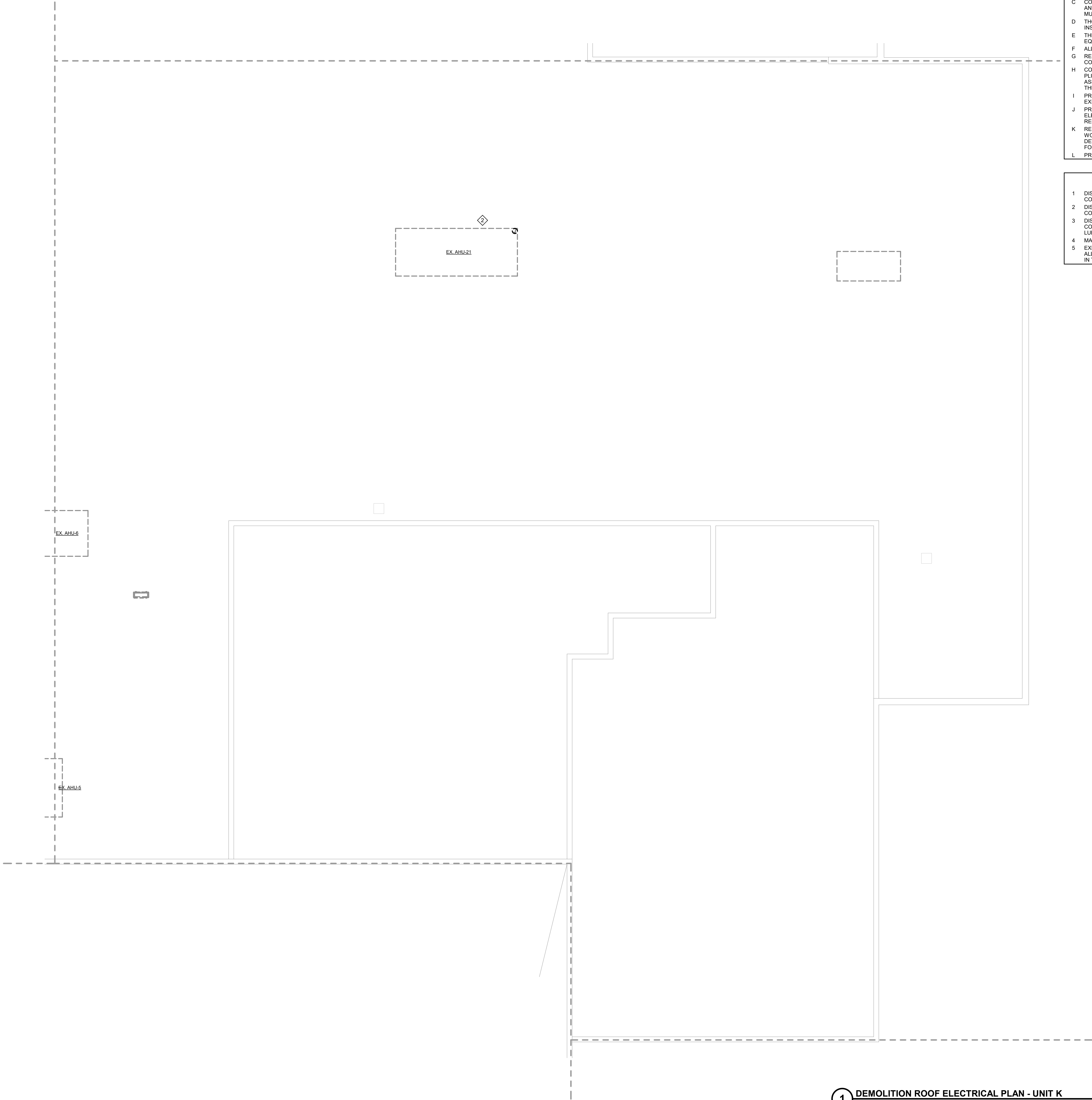
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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**DEMOLITION ROOF ELECTRICAL
PLAN - UNIT G**



Project No: 2022063.10
Project Date: **May 29, 2024**
Drawing No: **EDRG**



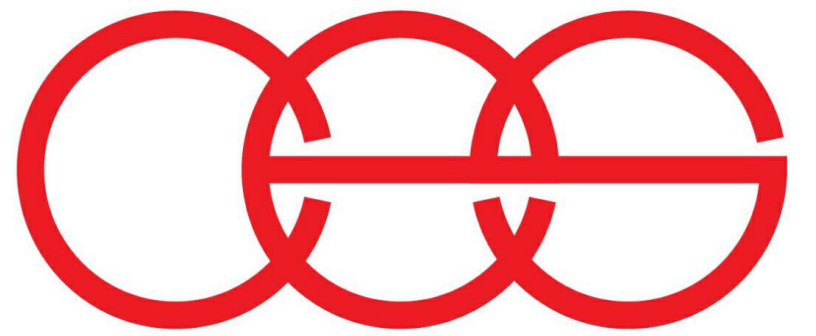
GENERAL DEMOLITION NOTES

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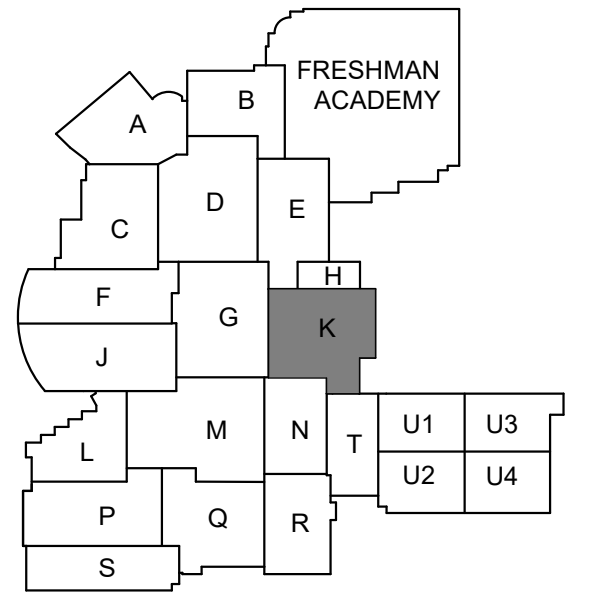
DEMOLITION PLAN NOTES

- DISCONNECT POWER CONNECTION TO MECHANICAL EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO SOURCE. REMOVE CIRCUIT BREAKER.
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#	Revision	Date
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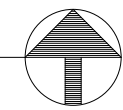


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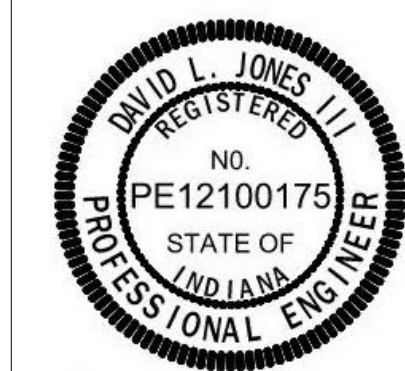
ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

DEMOLITION ROOF ELECTRICAL PLAN - UNIT K



David L. Jones III

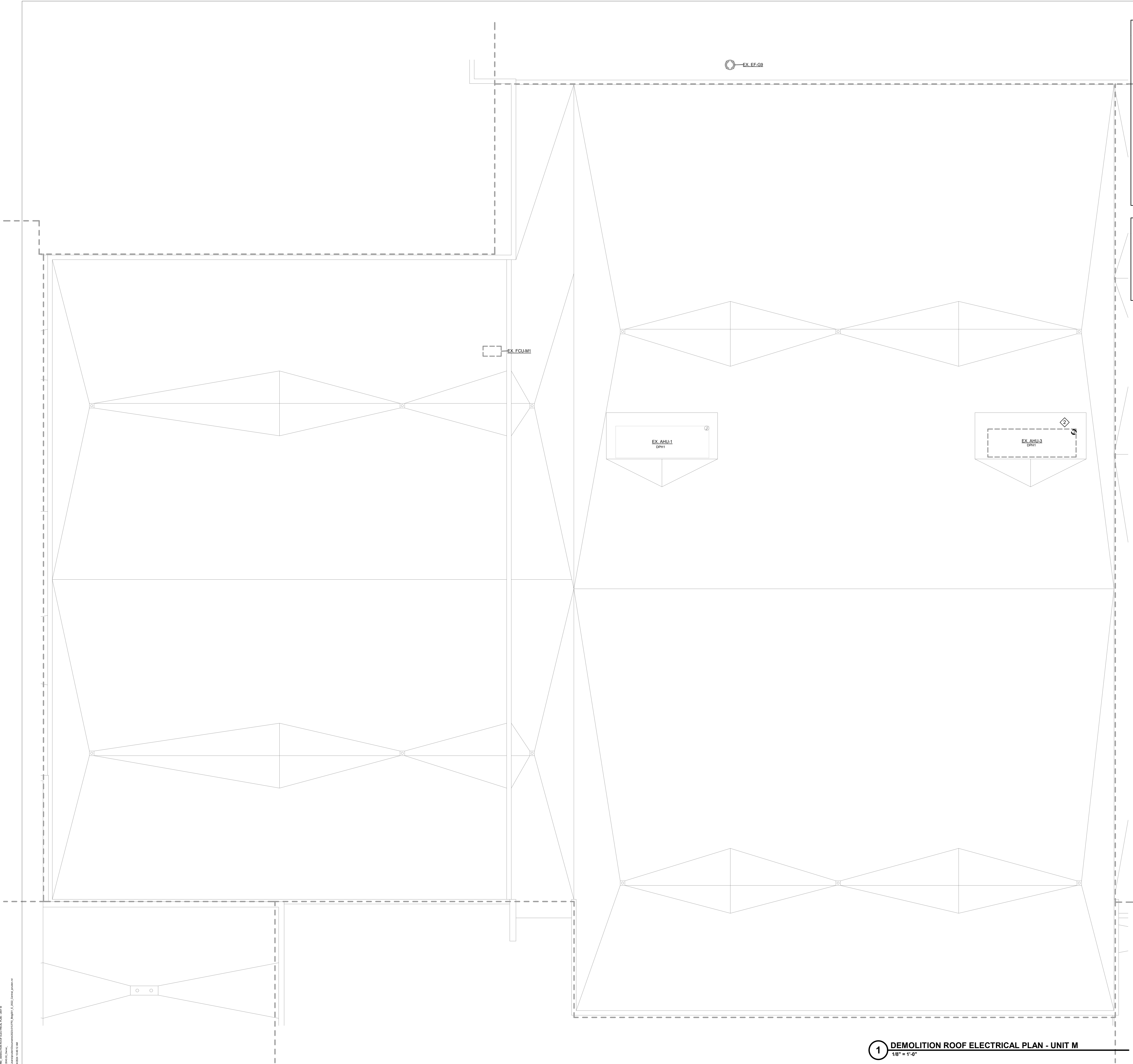
Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

EDRK

1 DEMOLITION ROOF ELECTRICAL PLAN - UNIT K
1/8" = 1'-0"



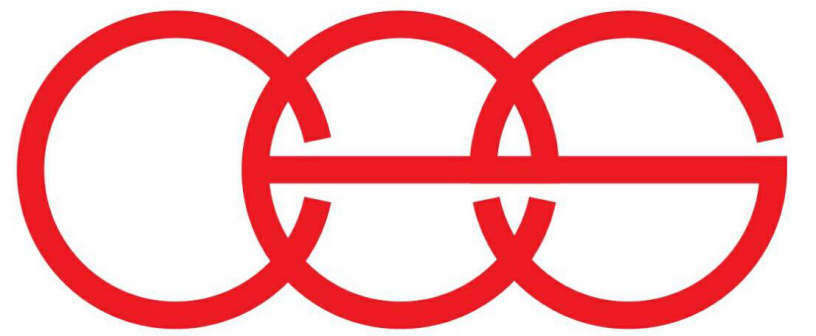
GENERAL DEMOLITION NOTES

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L PROVIDE A FULL TEST ON FIRE ALARM SYSTEM PRIOR TO DEMOLITION.

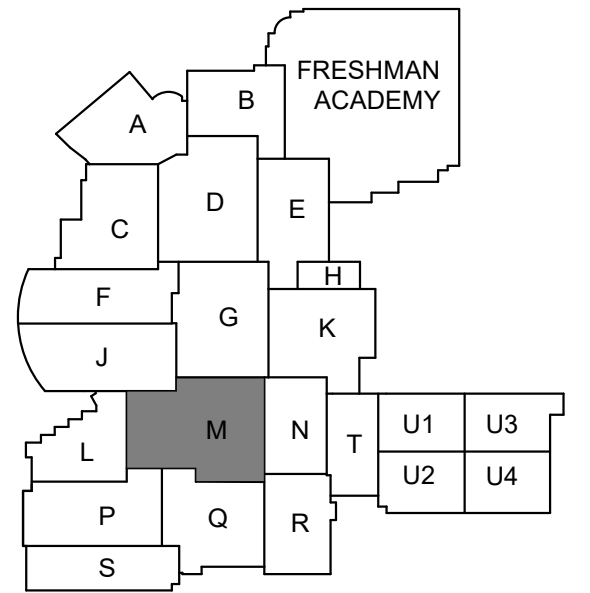
DEMOLITION PLAN NOTES

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#	Revision	Date
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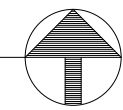


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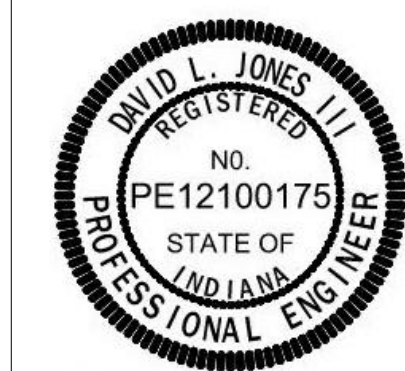
ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

DEMOLITION ROOF ELECTRICAL PLAN - UNIT M



Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: EDRM

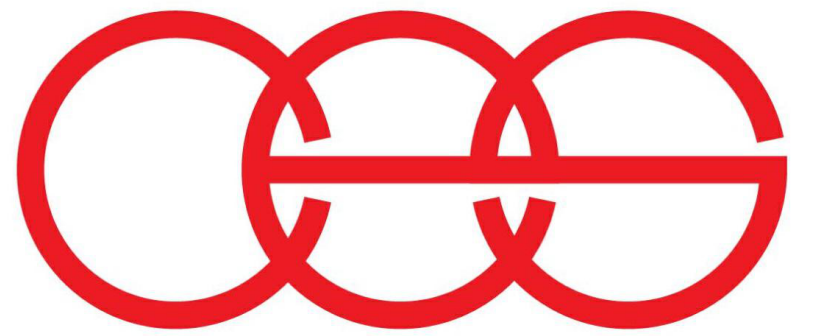
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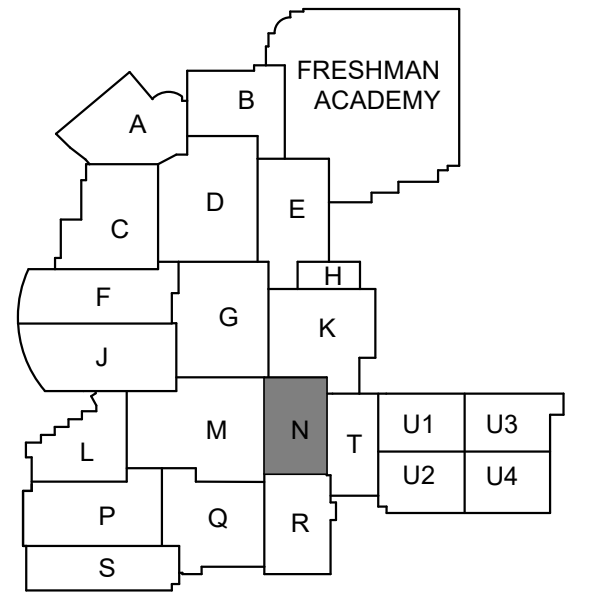
DEMOLITION PLAN NOTES

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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**DEMOLITION ROOF ELECTRICAL
PLAN - UNIT N**



David L. Jones III

Project No: 2022063.10

Project Date: May 29, 2024

Drawing No:

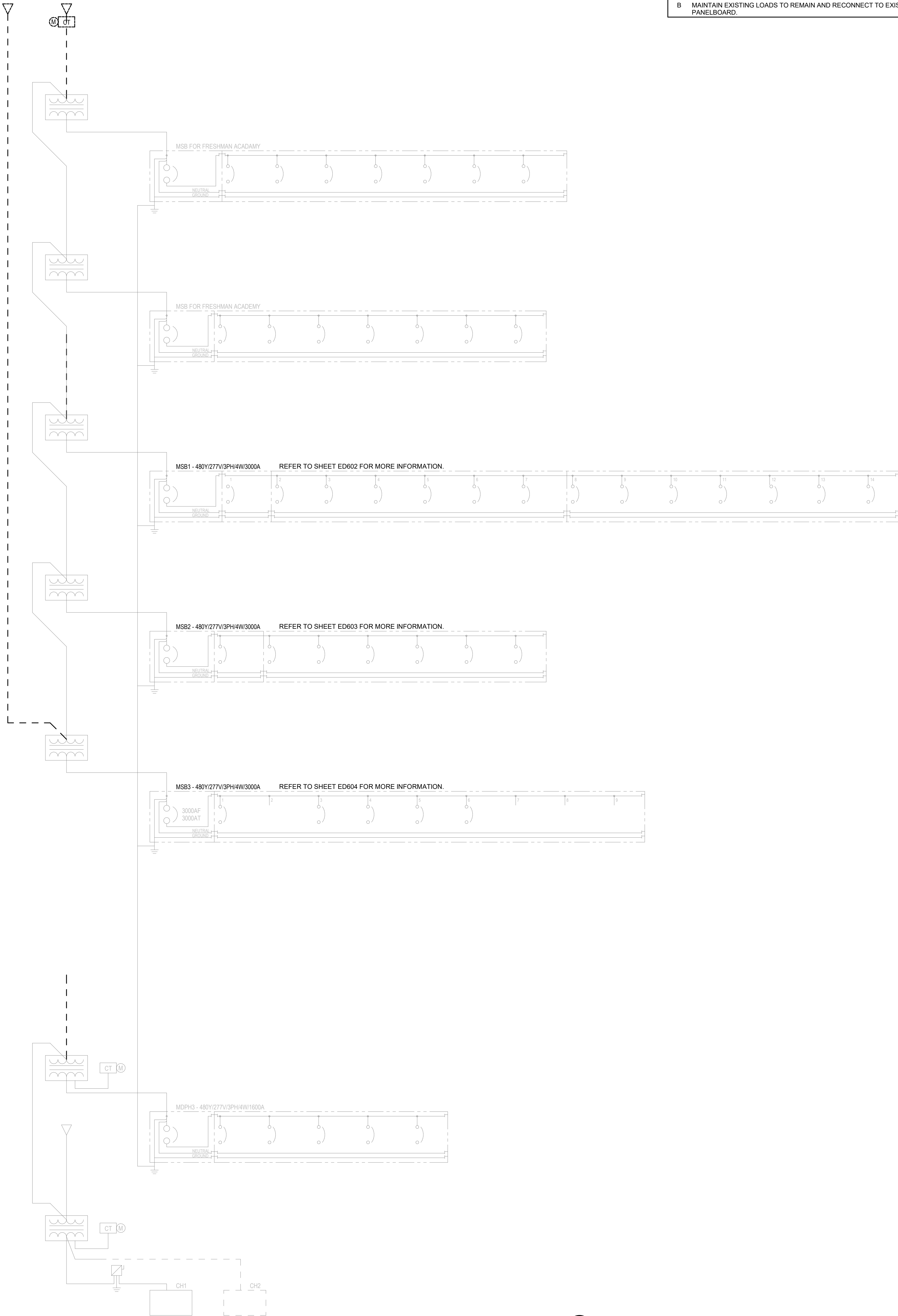
EDRN

1 DEMOLITION ROOF ELECTRICAL PLAN - UNIT N

1/8" = 1'-0"

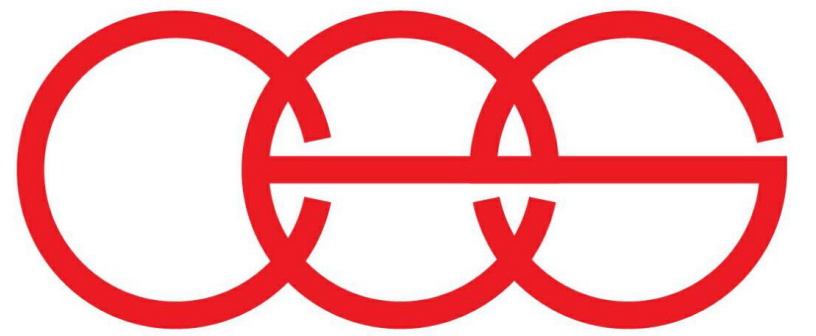
GENERAL DEMOLITION ONE-LINE DIAGRA...

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B MAINTAIN EXISTING LOADS TO REMAIN AND RECONNECT TO EXISTING PANELBOARD

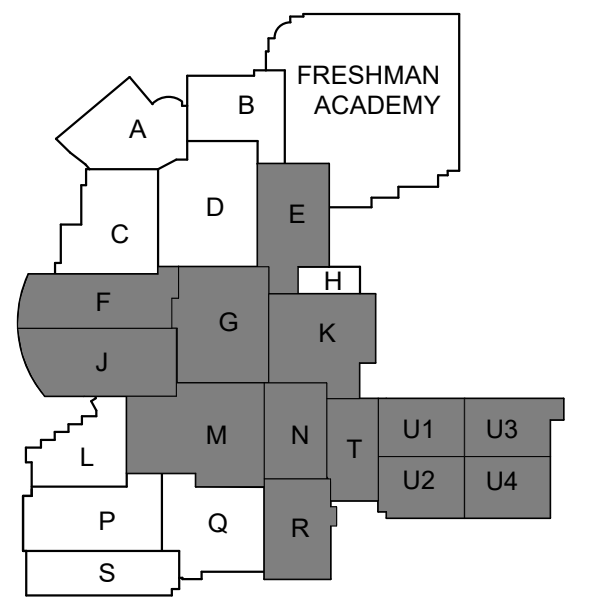


1 DEMOLITION OVERALL ONE-LINE DIRAGRAM
NOT TO SCALE

#	Revision	Date
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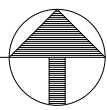


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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**DEMOLITION OVERALL ONE-LINE
DIAGRAM**



David L. Jones III

Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

ED601

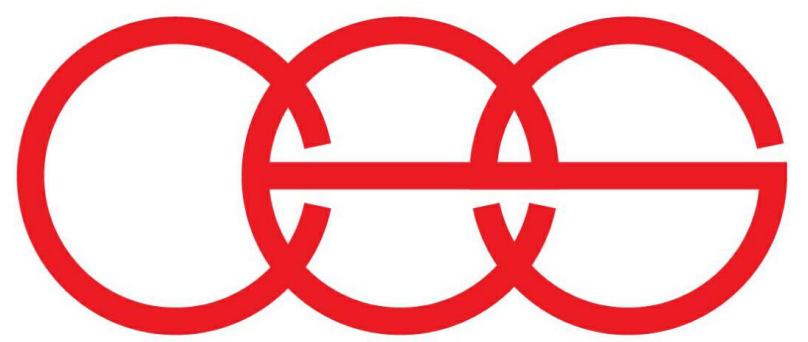
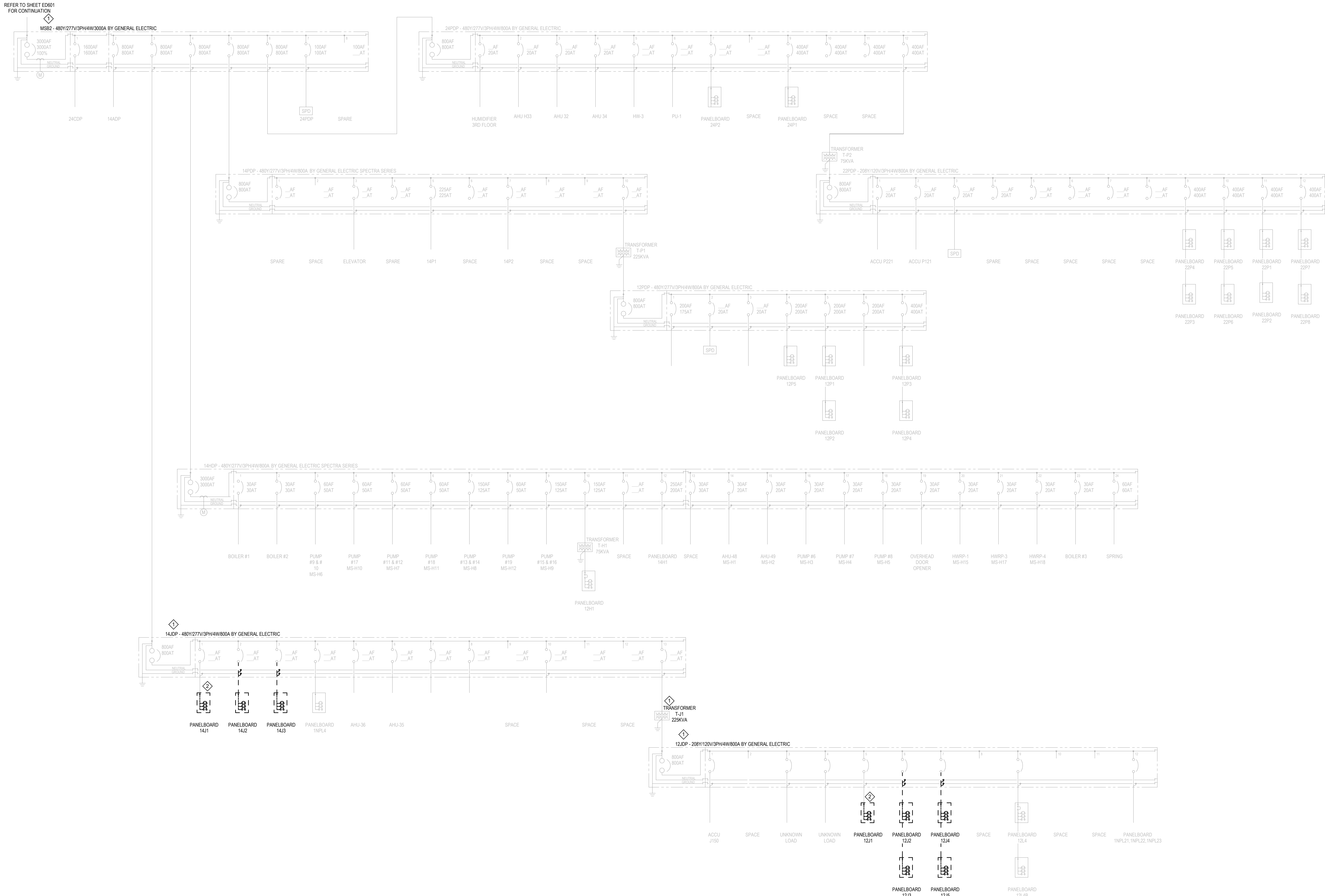
GENERAL DEMOLITION ONE-LINE DIAGRA...

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B MAINTAIN EXISTING LOADS TO REMAIN AND RECONNECT TO EXISTING PANELBOARD

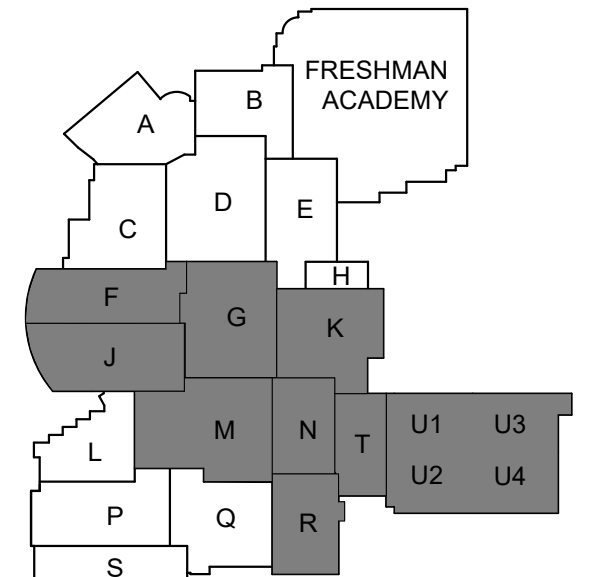
DEMOLITION ONE-LINE DIAGRAM NOTES

- 1 REMOVE LABEL.
2 REMOVE LABEL, REMOVE PANELBOARD INTERIORS.

#	Revision	Date
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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**DEMOLITION ONE-LINE DIAGRAM
MSB-2**

Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: ED603

DAVID L. JONES III
REGISTERED PROFESSIONAL ENGINEER
NO. PE12100175
STATE OF INDIANA

David L. Jones III

1 DEMOLITION ONE-LINE DIRAGRAM MSB-2
SCALE: NONE

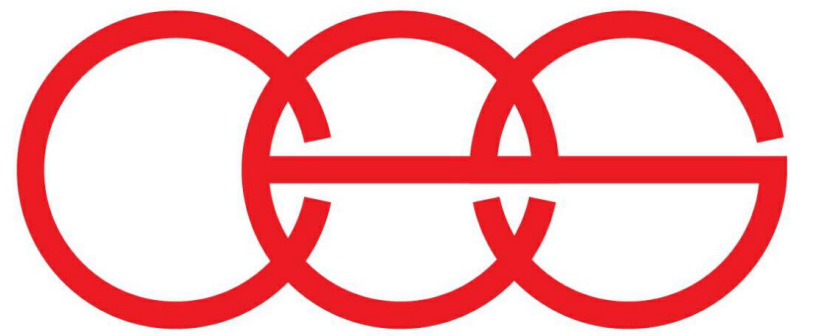
GENERAL DEMOLITION ONE-LINE DIAGRA...

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
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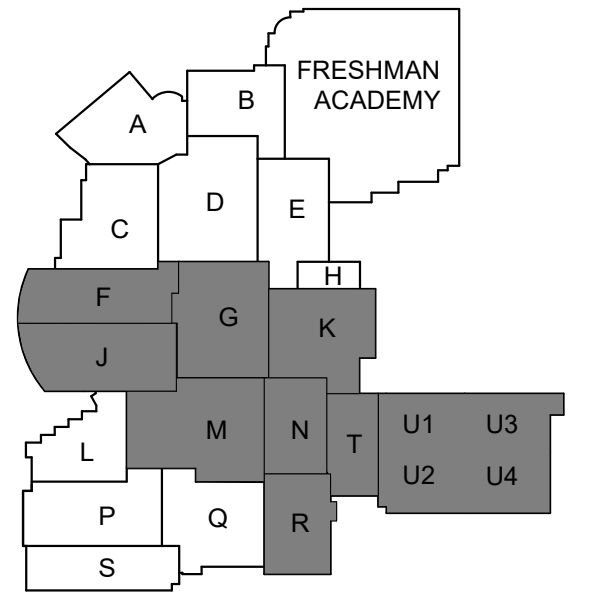
DEMOLITION ONE-LINE DIAGRAM NOTES

- 1 REMOVE LABEL.
2 REMOVE LABEL. REMOVE PANELBOARD INTERIORS.

#	Revision	Date
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ADDITION & RENOVATIONS TO:
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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**DEMOLITION ONE-LINE DIAGRAM
MSB-3**



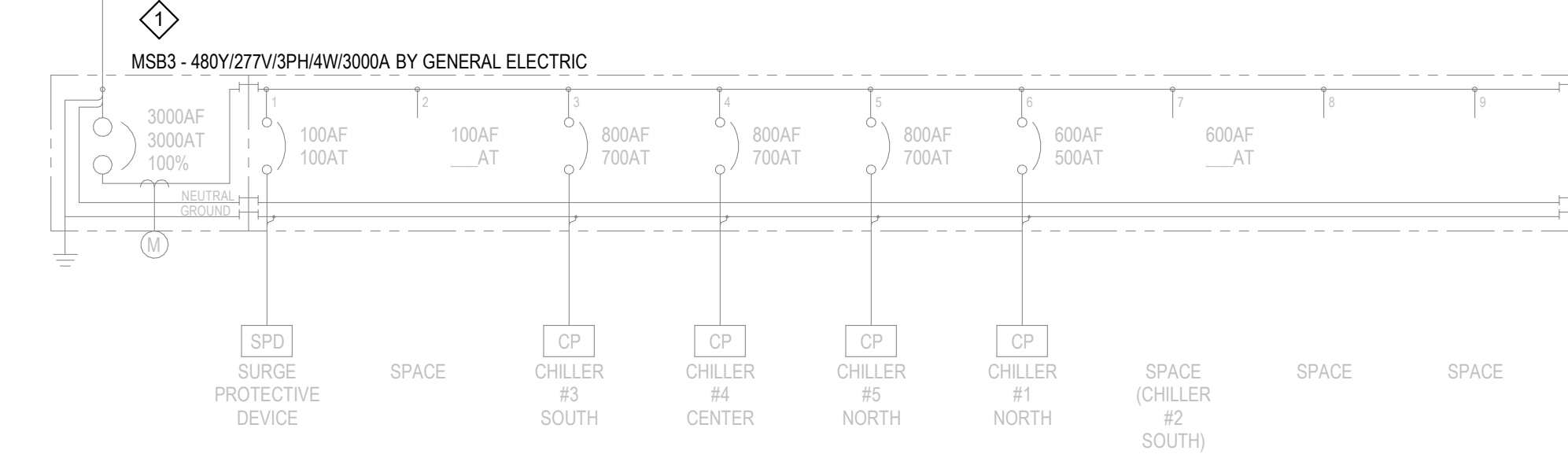
Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

ED604

REFER TO SHEET ED601
FOR CONTINUATION



1 DEMOLITION ONE-LINE DIRAGRAM MSB1
SCALE: NONE

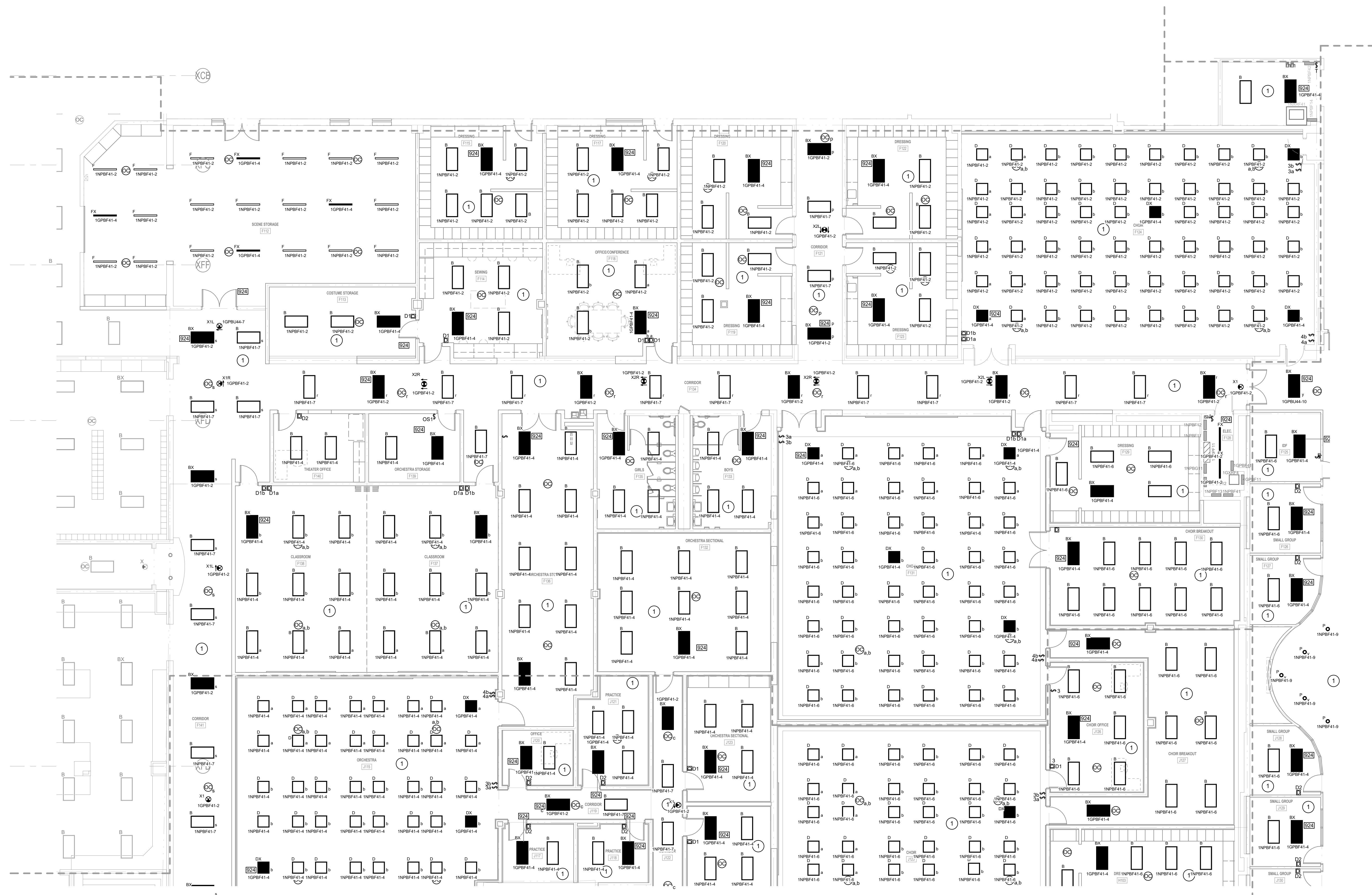
#	Revision	Date
4	ADDENDUM #4	06.24.2024

GENERAL LIGHTING NOTES

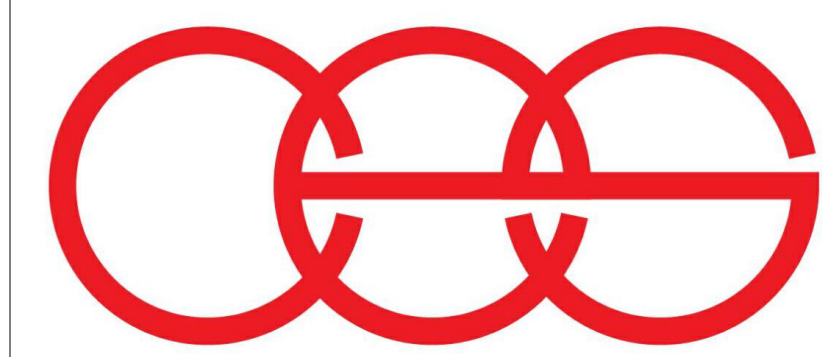
A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION

LIGHTING PLAN NOTES

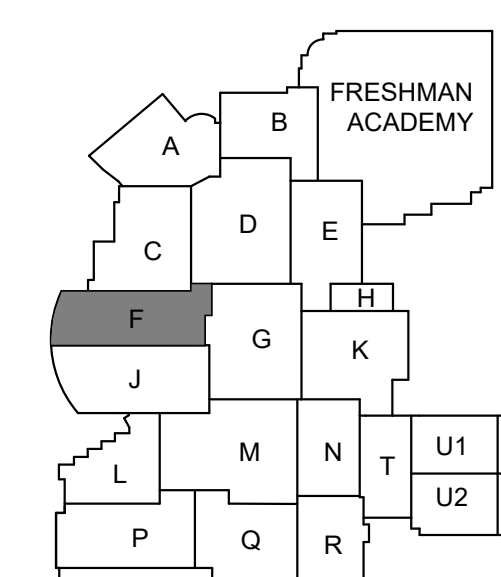
- 1 RECONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT THAT SERVED THIS AREA.
- 2 PROVIDE DMX CONTROL MODULE FOR LIGHTS BASED ON SWITCH LEGS OF FLAT PANELS IN FOOT.
- 3 PROVIDE A COMPLETE PIPE HANGER SYSTEM WITH END CAPS FOR PIPE MOUNTED LIGHTS INDICATED. SUPPORT FROM STRUCTURE ABOVE. MOUNT BELOW CEILING. COORDINATE WITH ARCHITECT. PIPE HANGER SHALL BE COLORIZED AND LABELABLE FOR ADMIN.
- 4 PROVIDE DMX INTERFACE BY VARI LITE. PROVIDE DMX BOARD FOR 24 CHANNELS DMX BOARD OVERIDES THE WALL MOUNTED CONTROLS. UPON LOSS OF POWER THE EMERGENCY LIGHTS SHALL ILLUMINATE WITHOUT HUMAN INTERFACE OR STATUS OF DMX BOARD.
- 5 CONNECT EXISTING LIGHTS TO NEW OCCUPANCY SENSORS. REWORK EXISTING CIRCUITS TO CONTROL SWITCH LEGS AS INDICATED.
- 6 REPROGRAM THE EMERGENCY LIGHTS SHALL ILLUMINATE WITHOUT HUMAN INTERFACE OR STATUS OF DMX BOARD.
- 7 PROVIDE A 12 SCENE CONTROLLER FOR GREAT HALL AND CAFETERIA LIGHTING AND CONTROL COORDINATE WITH ARCHITECT.
- 8 PROVIDE A 4 SCENE CONTROLLER FOR SERVING AREA LIGHTING CONTROL COORDINATE WITH ARCHITECT.
- 9 PROVIDE A 12 SCENE CONTROLLER FOR GAMING ROOMS AND SPORTS LIGHTING AND CONTROL COORDINATE WITH ARCHITECT.
- 10 PROVIDE DMX INTERFACE. PROVIDE DMX BOARD FOR 24 CHANNELS. DMX BOARD OVERIDES THE WALL MOUNTED CONTROLS. UPON LOSS OF POWER THE EMERGENCY LIGHTS SHALL ILLUMINATE WITHOUT HUMAN INTERFACE OR STATUS OF DMX BOARD. DMX BOARD SHALL ILLUMINATE LIGHTS IN OPEN AREA OF STUDENT ACTIVITY CENTER. COORDINATE WITH ARCHITECT.



1 FIRST FLOOR LIGHTING PLAN - UNIT F
1/8" = 1'-0"

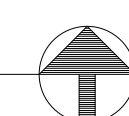


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ADDITION & RENOVATIONS TO:

**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

FIRST FLOOR LIGHTING PLAN -
UNIT F

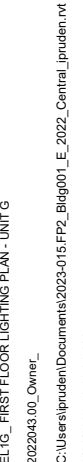


Project No:	2022063.10
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Project Date:
May 29, 2024

 $\sqrt{4}$

David L. Jones III



A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION



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- 1 RECONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT THAT SERVED THIS AREA.
- 2 PROVIDE DMX CONTROL MODULE FOR LIGHTS BASED ON SWITCH LEGS OF FLAT PANELS IN ROOM.
- 3 PROVIDE A COMPLETE PIPE HANGER SYSTEM WITH END CAPS FOR PIPE MOUNTED LIGHTS INDICATED. SUPPORT FROM STRUCTURE ABOVE. MOUNT TO EXISTING CEILING. COORDINATE WITH THE ARCHITECT. PIPE HANGER SHALL BE MOTORIZED AND LOWERABLE FOR AIMING.
- 4 PROVIDE DMX INTERFACE BY VARI LITE. PROVIDE DMX BOARD FOR 24 CHANNELS DMX BOARD OVERIDES THE WALL MOUNTED CONTROLS. UPON LOSS OF POWER THE EMERGENCY LIGHTS SHALL ILLUMINATE WITHOUT HUMAN INTERFACE OR STATUS OF DMX BOARD.
- 5 CONNECT EXISTING LIGHTS TO NEW OCCUPANCY SENSORS. REWORK EXISTING CIRCUITS TO CONTROL SWITCH LEGS AS INDICATED.
- 6 REWORK LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSORS WITHIN THE SPACE.
- 7 PROVIDE A 12 SCENE CONTROLLER FOR GREAT HALL AND CAFETERIA LIGHTING CONTROL. COORDINATE WITH ARCHITECT.
- 8 PROVIDE A 4 SCENE CONTROLLER FOR SERVING AREA LIGHTING CONTROL. COORDINATE WITH ARCHITECT.
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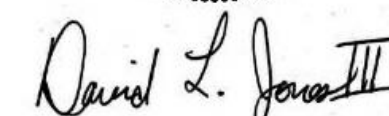
1 FIRST FLOOR LIGHTING PLAN - UNIT G
1/8" = 1'-0"

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Drawing Title:

**FIRST FLOOR LIGHTING PLAN -
UNIT G**



Drawing No: 

EL1G

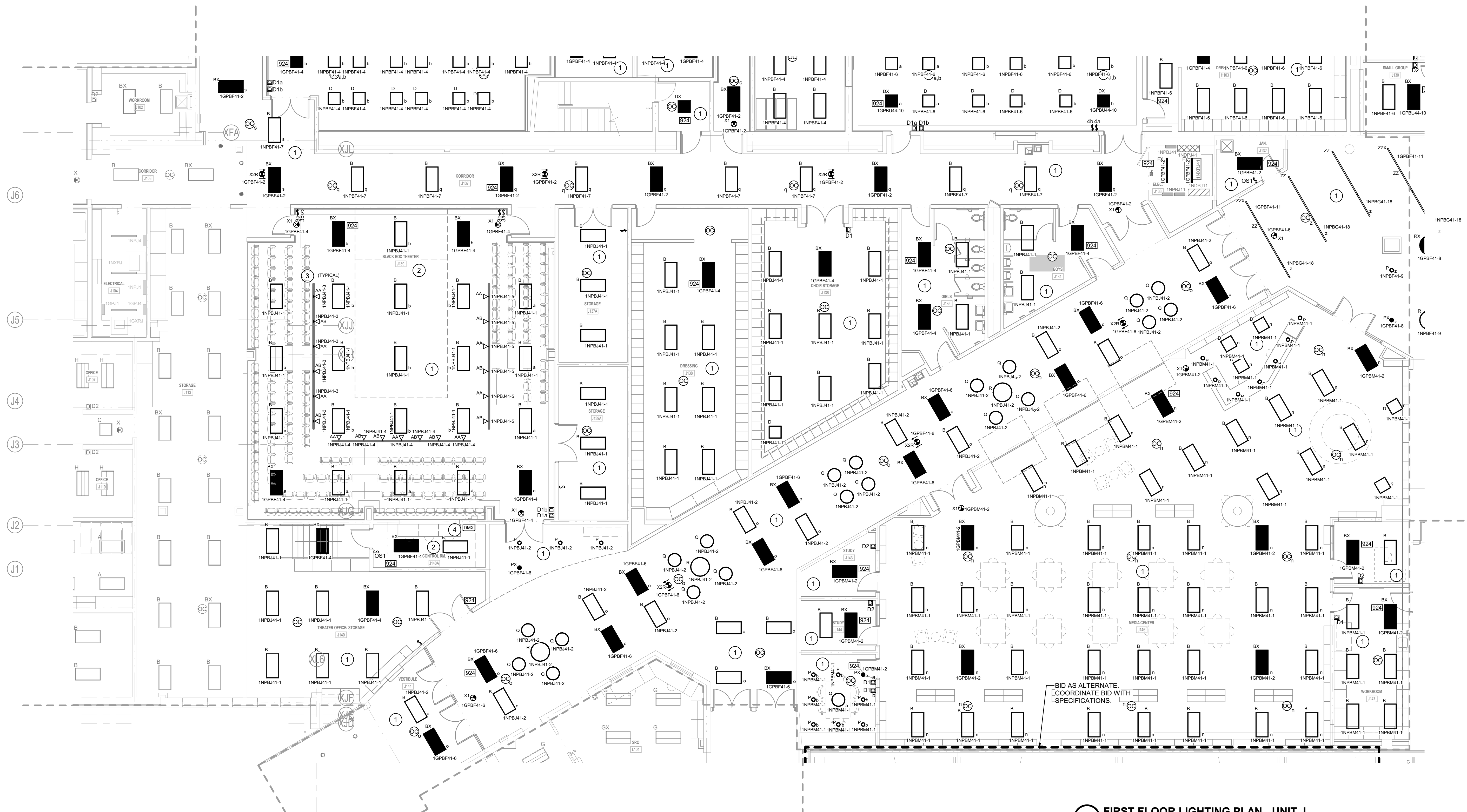
GENERAL LIGHTING NOTES

A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.

LIGHTING PLAN NOTES

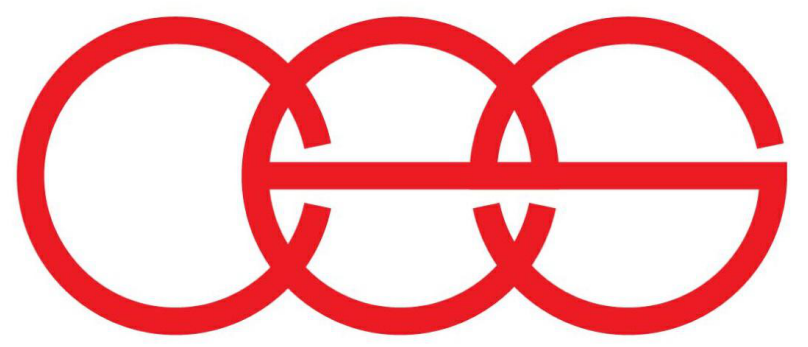
- 1 RECONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT THAT SERVED THIS AREA.
- 2 PROVIDE DMX CONTROL MODULE FOR LIGHTS BASED ON SWITCH LEGS OF FLAT PANELS IN ROOM.
- 3 PROVIDE A COMPLETE PIPE HANGER SYSTEM WITH END CAPS FOR PIPE MOUNTED LIGHTS INDICATED. SUPPORT FROM STRUCTURE ABOVE. MOUNT BELOW CEILING. COORDINATE WITH ARCHITECT. PIPE HANGER SHALL BE MOTORIZED AND LOWERABLE FOR AIMING.
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#	Revision	Date
4	ADDENDUM #4	06.24.2024

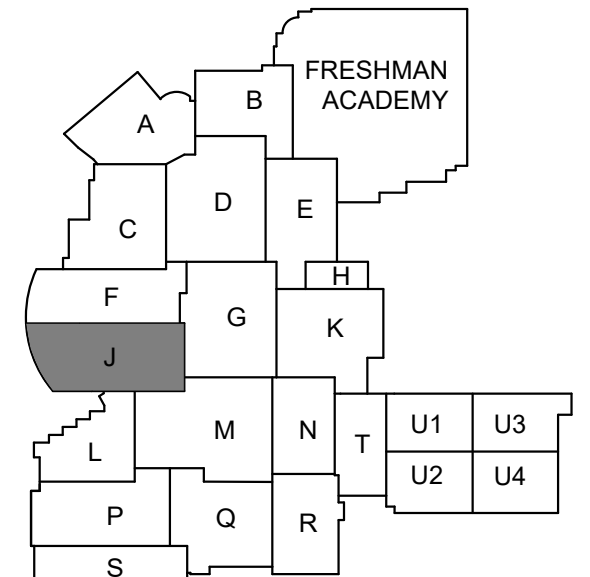


1 FIRST FLOOR LIGHTING PLAN - UNIT J

1/8" = 1'-0"



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Drawing Title:
**FIRST FLOOR LIGHTING PLAN -
UNIT J**

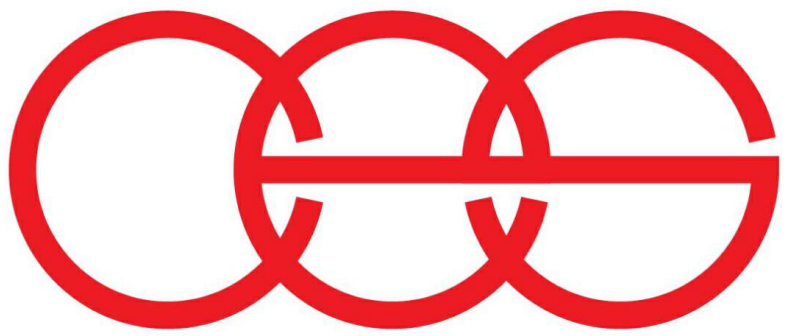
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	Project Date:	May 29, 2024
	Drawing No:	EL1J

GENERAL LIGHTING NOTES
A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.

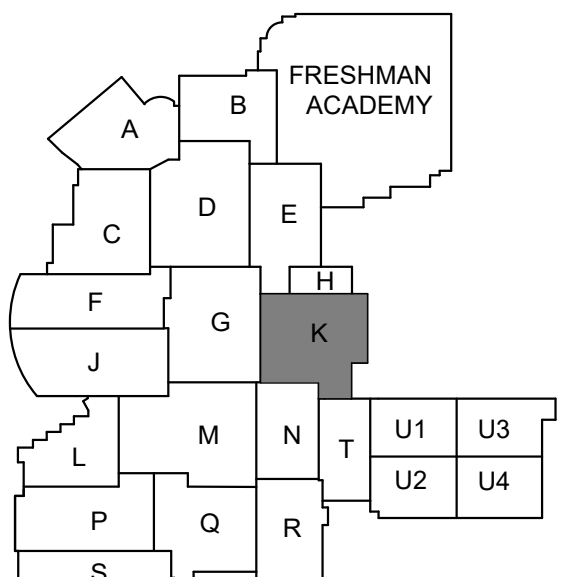
○ LIGHTING PLAN NOTES

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- 2 PROVIDE DMX CONTROL MODULE FOR LIGHTS BASED ON SWITCH LEGS OF FLAT PANELS IN ROOM.
- 3 PROVIDE A COMPLETE PIPE HANGER SYSTEM WITH END CAPS FOR PIPE MOUNTED LIGHTS INDICATED. SUPPORT FROM STRUCTURE ABOVE. MOUNT BELOW CEILING. COORDINATE WITH ARCHITECT. PIPE HANGER SHALL BE MOTORIZED AND LOWERABLE FOR AIMING.
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#	Revision	Date
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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR LIGHTING PLAN -
UNIT K**



David L. Jones

Project No: 2022063.10

Project Date:
May 29, 2024

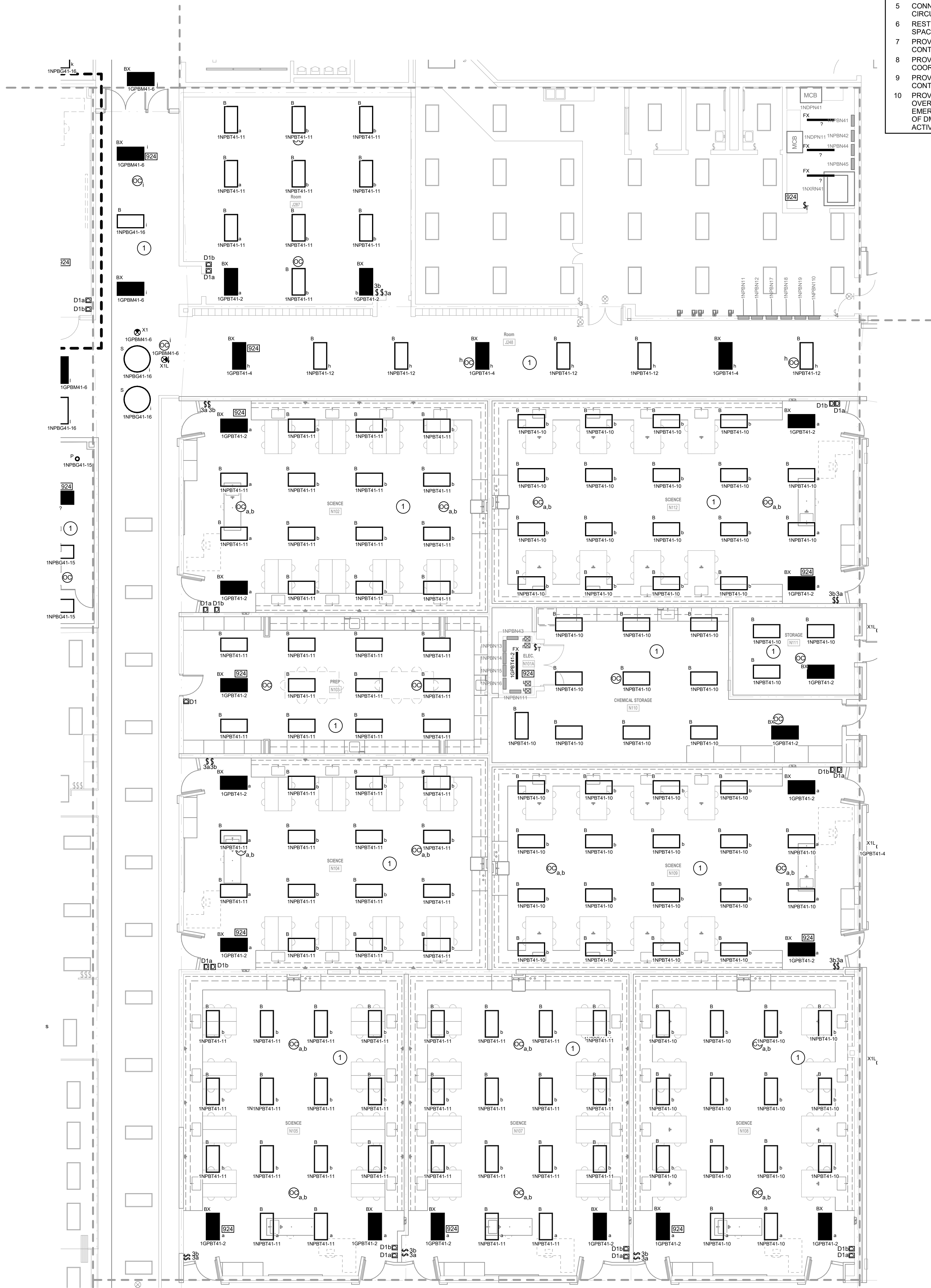
Drawing No:

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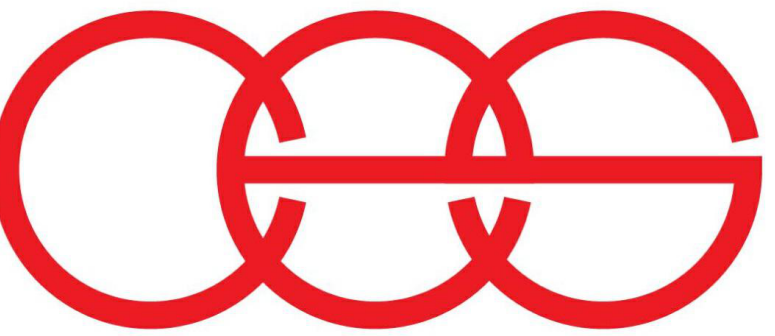
1 FIRST FLOOR LIGHTING PLAN - UNIT K
1/8" = 1'-0"

#	Revision	Date
4	ADDENDUM #4	06.24.2024

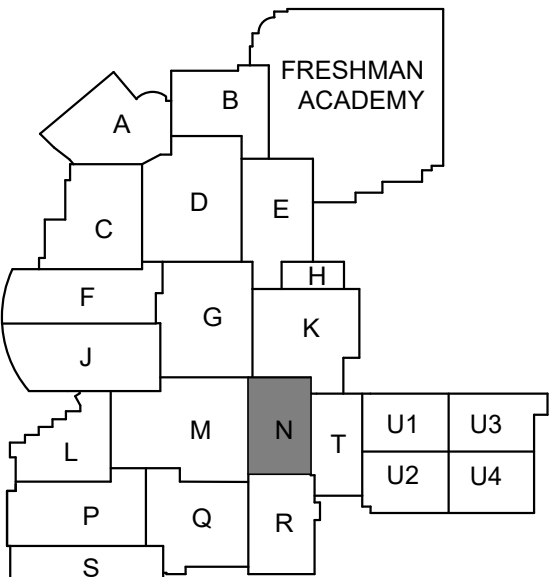
- LIGHTING PLAN NOTES**
- 1 RECONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT THAT SERVED THIS AREA.
 - 2 PROVIDE DMX CONTROL MODULE FOR LIGHTS BASED ON SWITCH LEGS OF FLAT PANELS IN ROOM.
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1 FIRST FLOOR LIGHTING PLAN - UNIT N
1/8" = 1'-0"



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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR LIGHTING PLAN -
UNIT N**

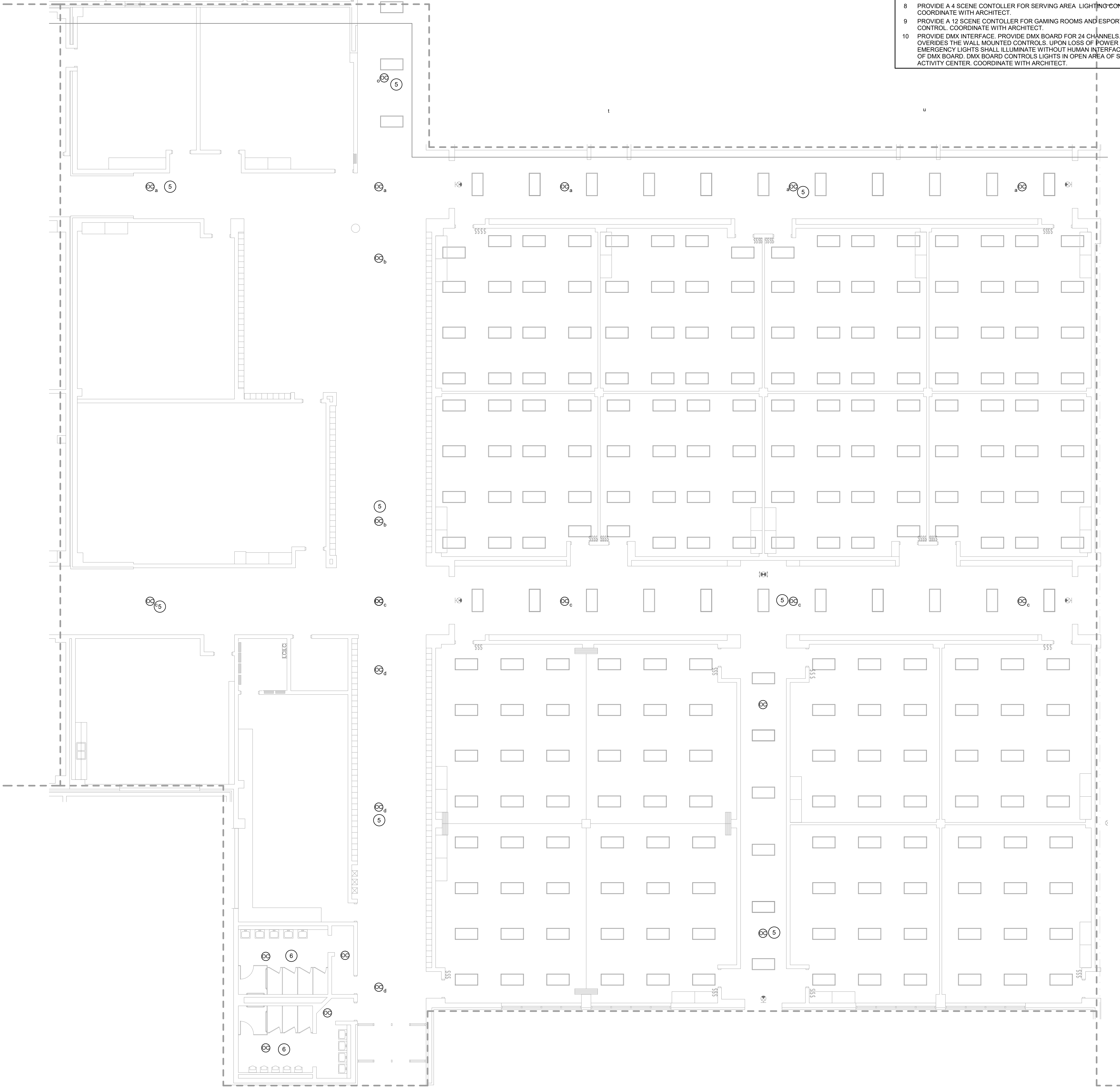


Project No: 2022063.10
Project Date: May 29, 2024

Drawing No: **EL1N**

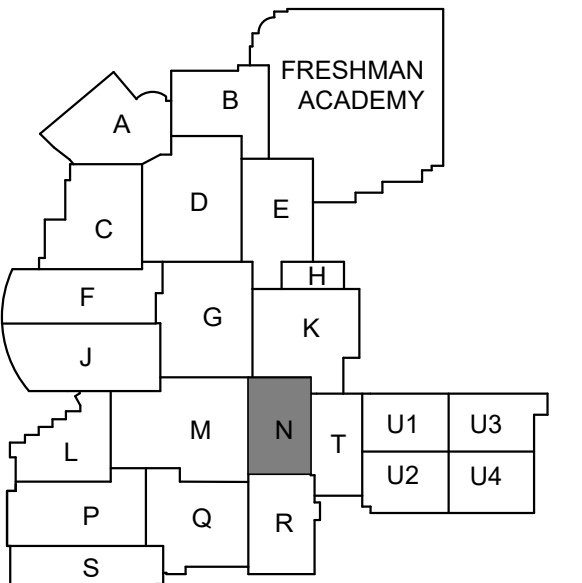
#	Revision	Date
4	ADDENDUM #4	06.24.2024

- LIGHTING PLAN NOTES**
- 1 RECONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT THAT SERVED THIS AREA.
 - 2 PROVIDE DMX CONTROL MODULE FOR LIGHTS BASED ON SWITCH LEGS OF FLAT PANELS IN ROOM.
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 - 6 RESTROOM LIGHTS TO BE CONTROLLED BY OCCUPANCY SENSORS WITHIN THE SPACE.
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1 FIRST FLOOR LIGHTING PLAN
1/8" = 1'-0"

#	Revision	Date
4	ADDENDUM #4	06.24.2024



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PHASE 2B
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
FIRST FLOOR LIGHTING PLAN -
UNIT Q

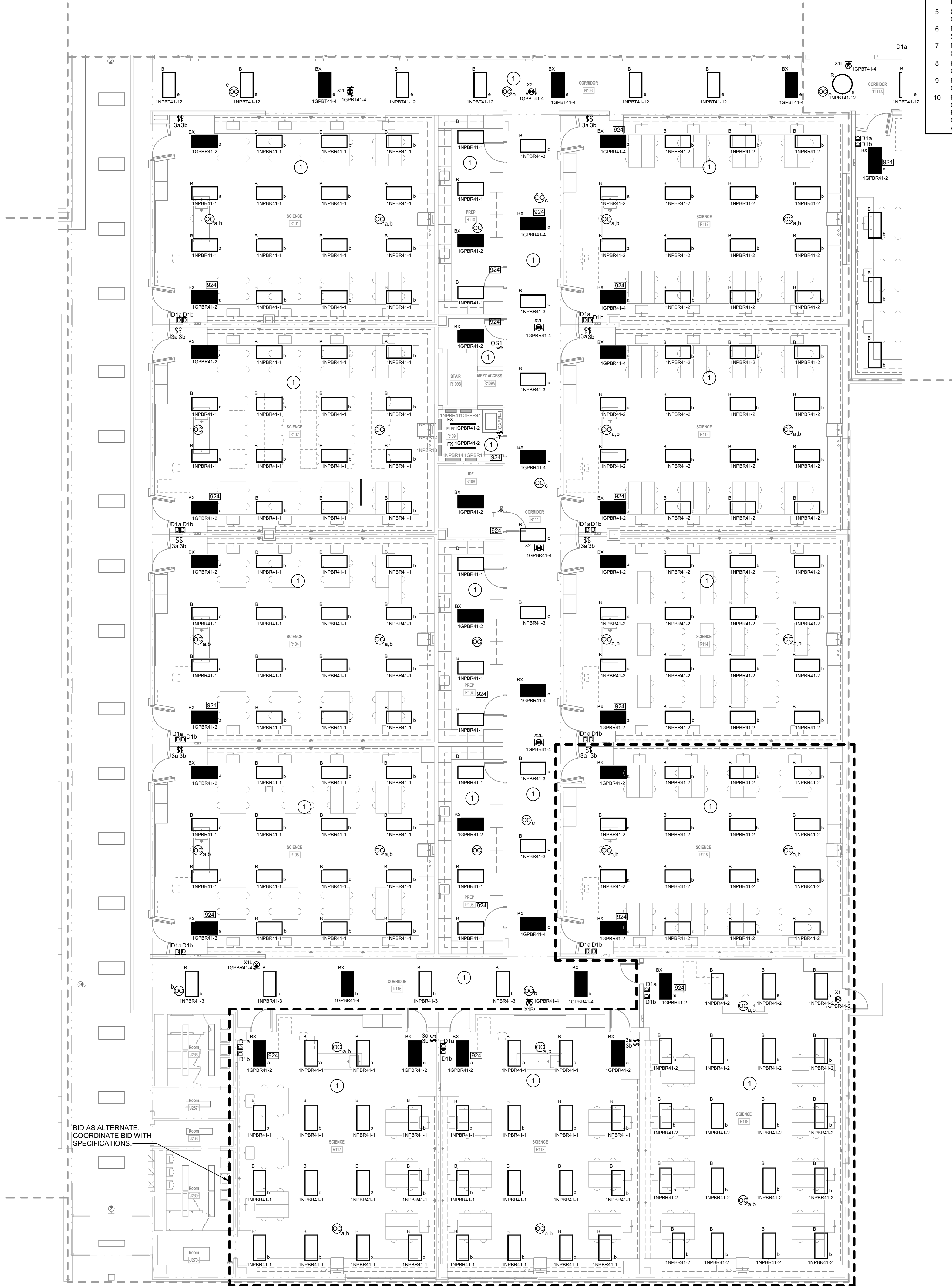
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	Project Date: May 29, 2024
	Drawing No: EL1Q

GENERAL LIGHTING NOTES

A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.

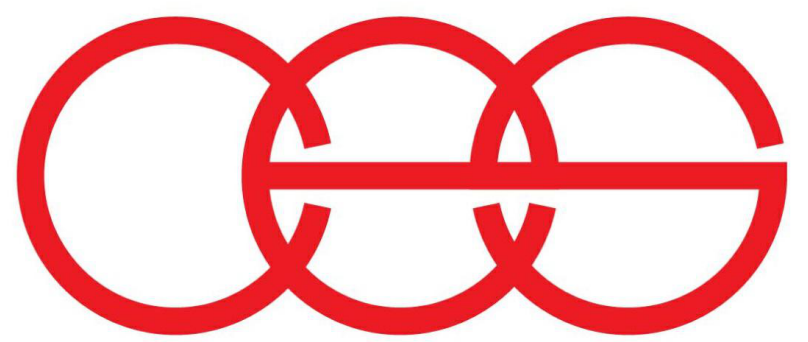
LIGHTING PLAN NOTES

- 1 RECONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT THAT SERVED THIS AREA.
- 2 PROVIDE DMX CONTROL MODULE FOR LIGHTS BASED ON SWITCH LEGS OF FLAT PANELS IN ROOM.
- 3 PROVIDE A COMPLETE PIPE HANGER SYSTEM WITH END CAPS FOR PIPE MOUNTED LIGHTS INDICATED. SUPPORT FROM STRUCTURE ABOVE. MOUNT BELOW CEILING. COORDINATE WITH ARCHITECT. PIPE HANGER SHALL BE MOTORIZED AND LOWERABLE FOR AIMING.
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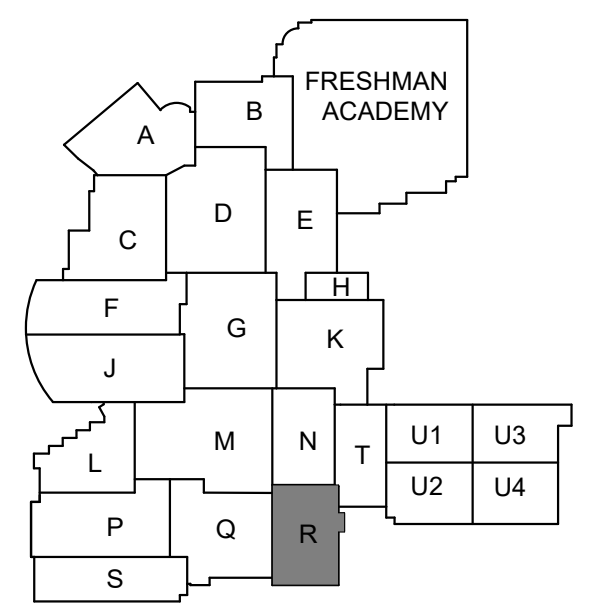


1 FIRST FLOOR LIGHTING PLAN - UNIT R
1/8" = 1'-0"

#	Revision	Date
4	ADDENDUM #4	06.24.2024

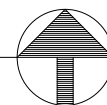


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INDIANAPOLIS, INDIANA

Drawing Title:

**FIRST FLOOR LIGHTING PLAN -
UNIT R**



David L. Jones

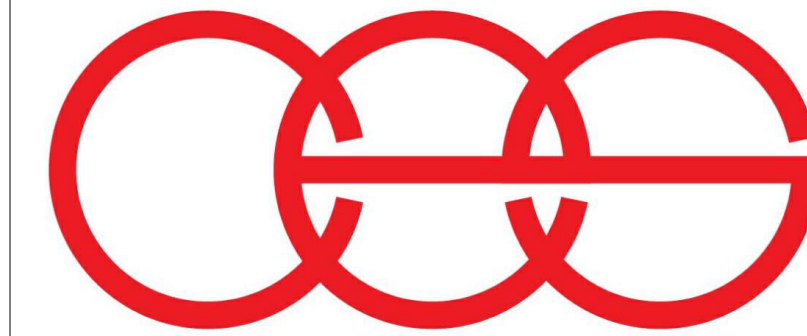
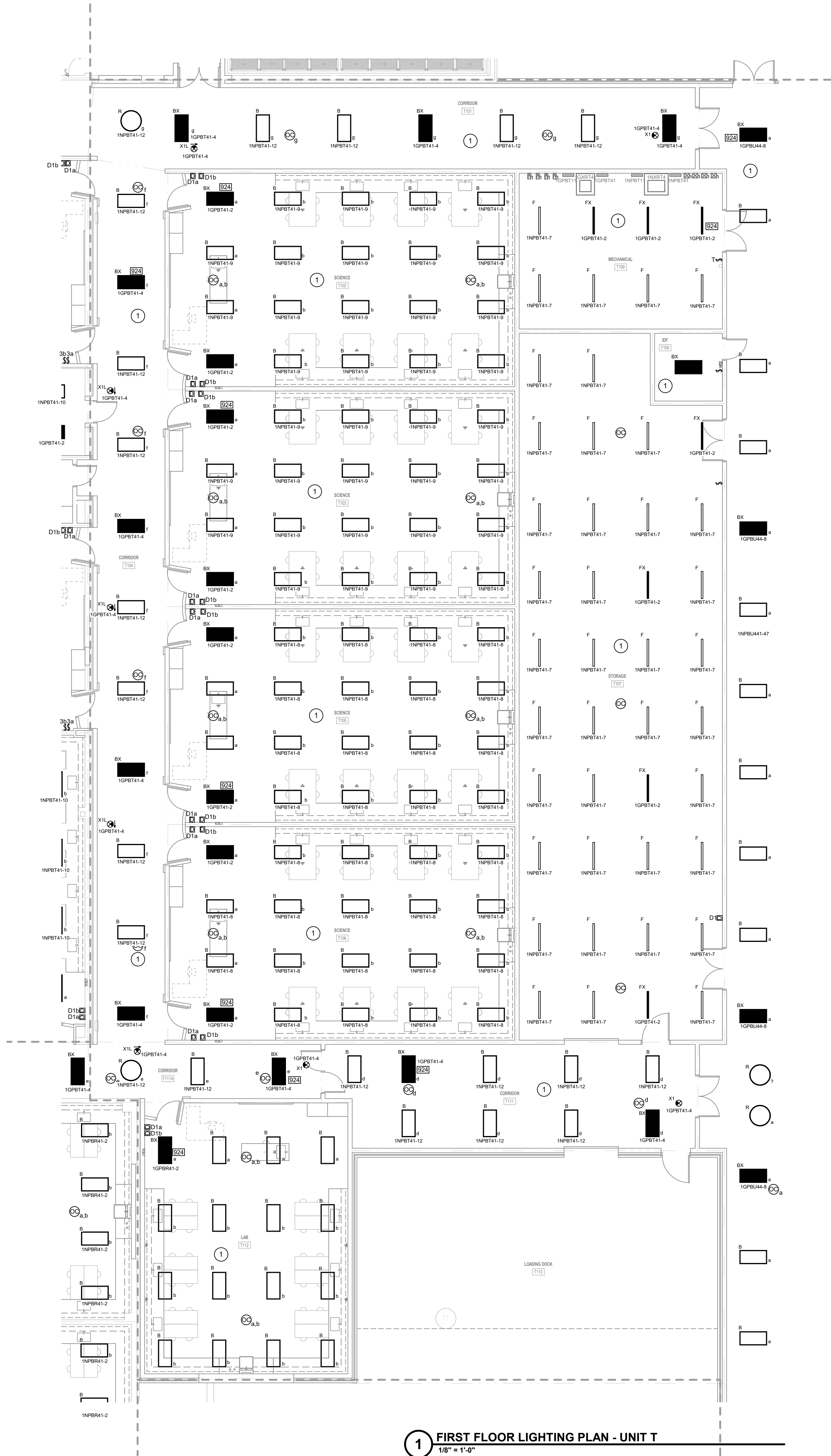
Project No: 2022063.10

Project Date:
May 29, 2024

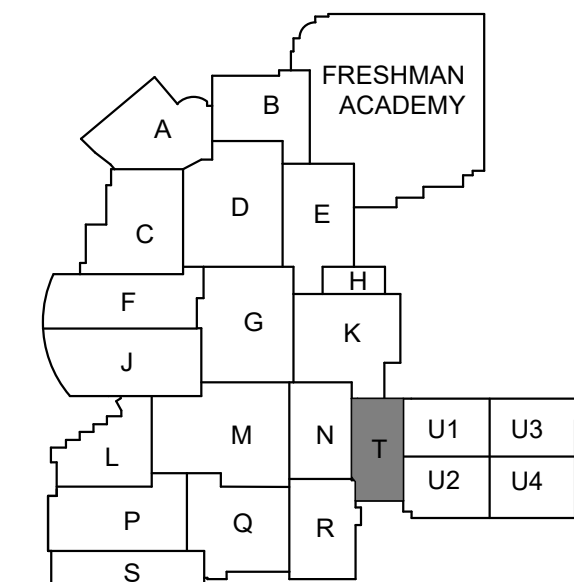
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#	Revision	Date
4	ADDENDUM #4	06.24.2024

- LIGHTING PLAN NOTES**
- 1 RECONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT THAT SERVED THIS AREA.
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FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR LIGHTING PLAN -
UNIT T**

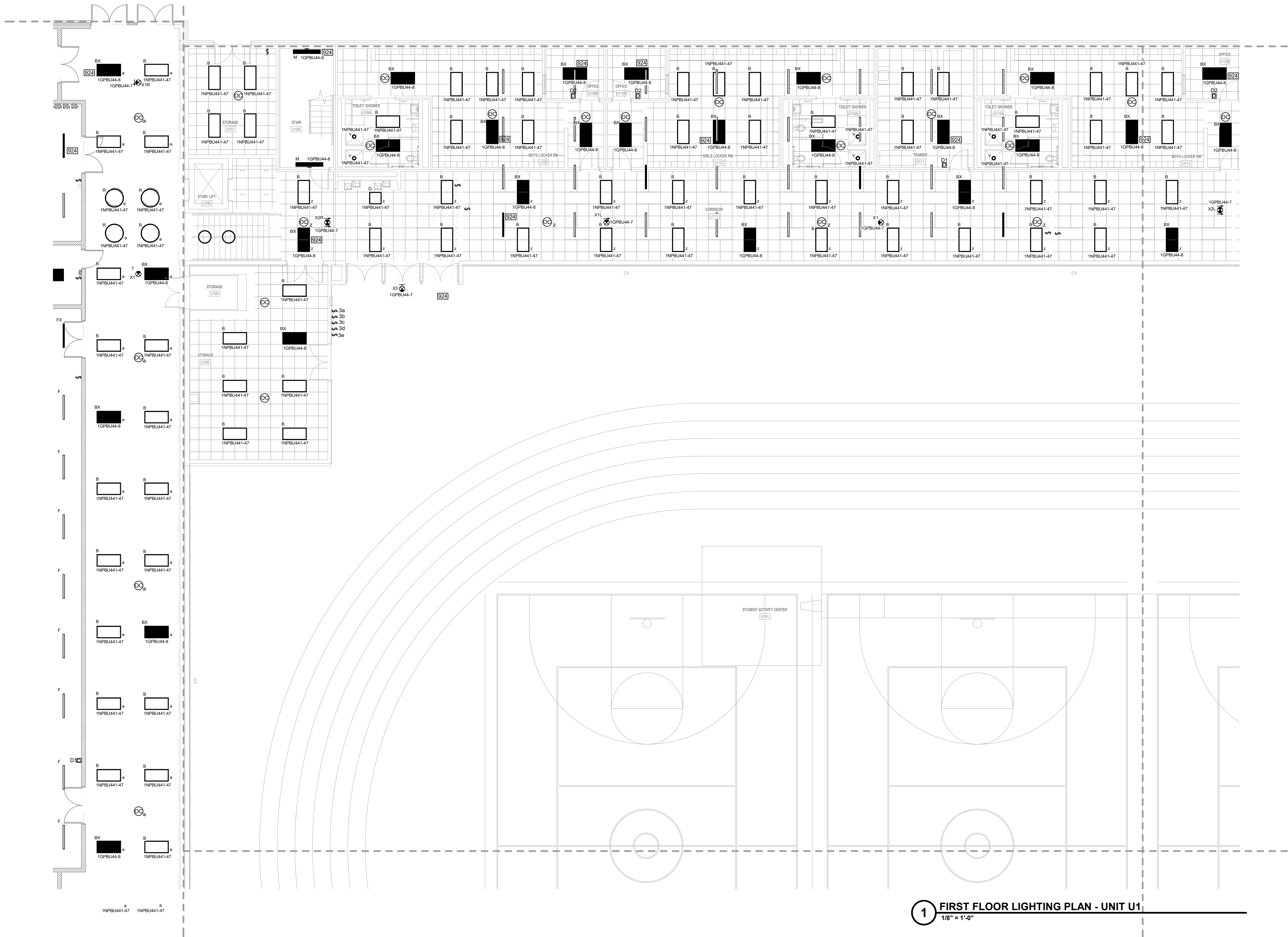
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	Project Date:	May 29, 2024
	Drawing No:	EL1T

David L. Jones III

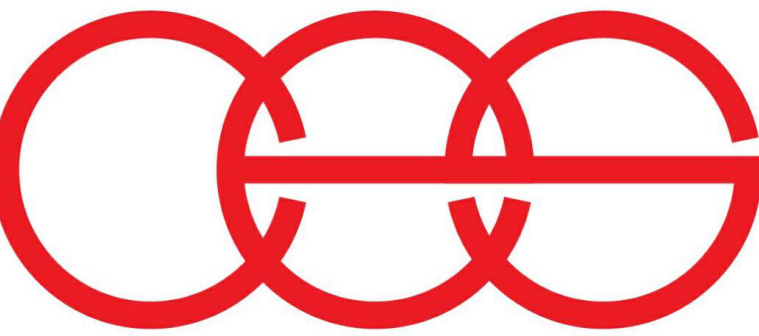
1 FIRST FLOOR LIGHTING PLAN - UNIT T
1/8" = 1'-0"

#	Revision	Date
4	ADDENDUM #4	06.24.2024

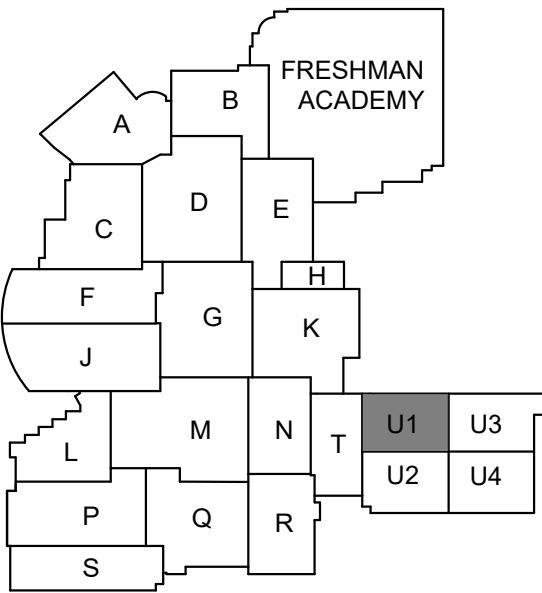
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1 FIRST FLOOR LIGHTING PLAN - UNIT U1
1/8" = 1'-0"



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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR LIGHTING PLAN -
UNIT U.1**



Project No: 2022063.10
Project Date:
May 29, 2024

Drawing No:
EL1U.1

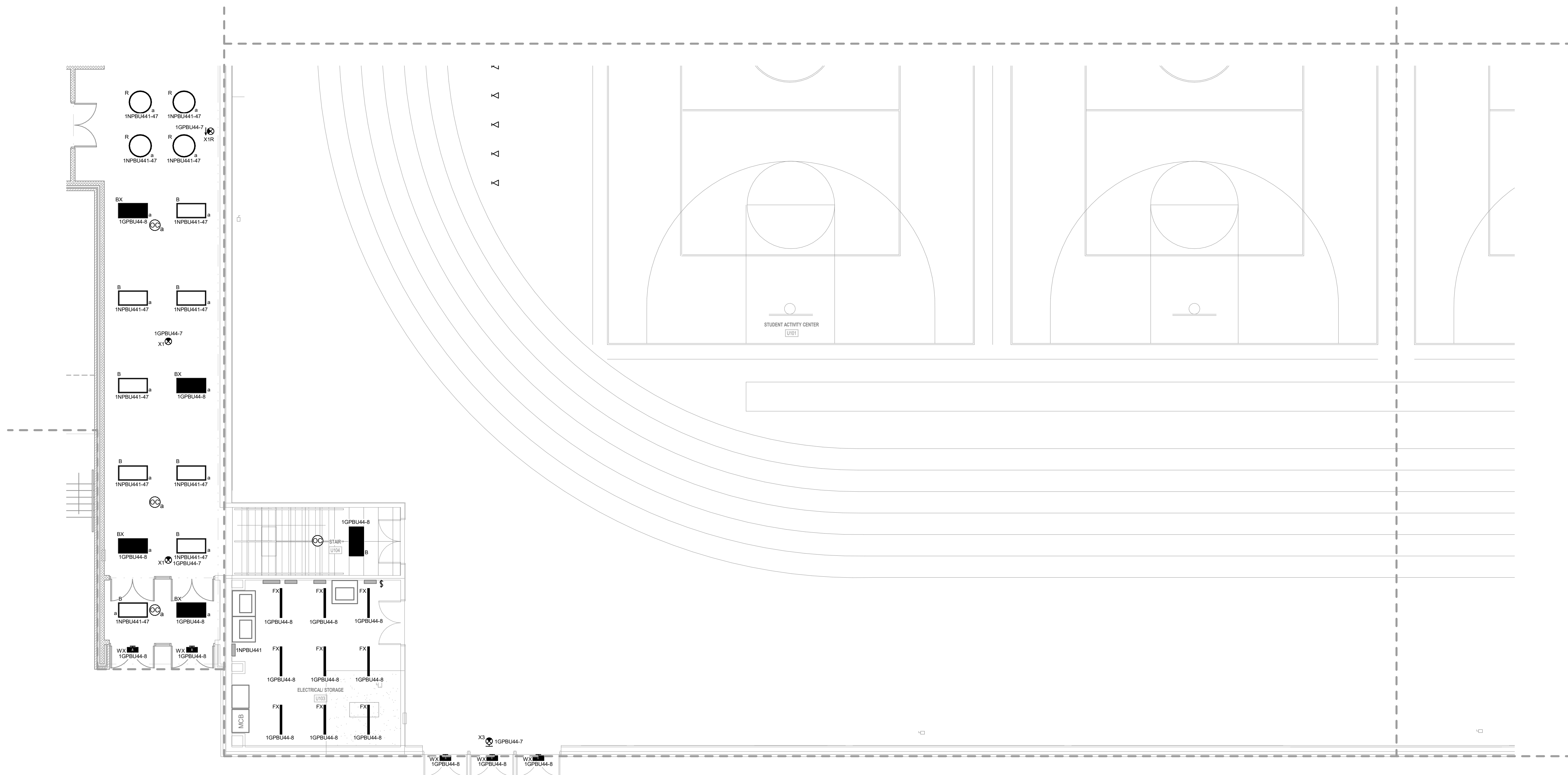
#	Revision	Date
4	ADDENDUM #4	06.24.2024

GENERAL LIGHTING NOTES

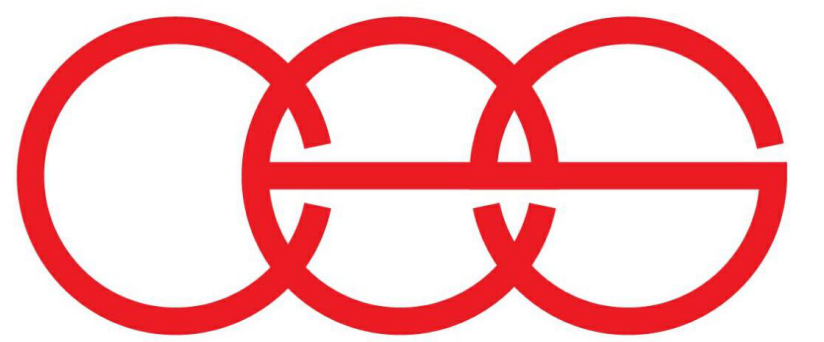
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LIGHTING PLAN NOTES

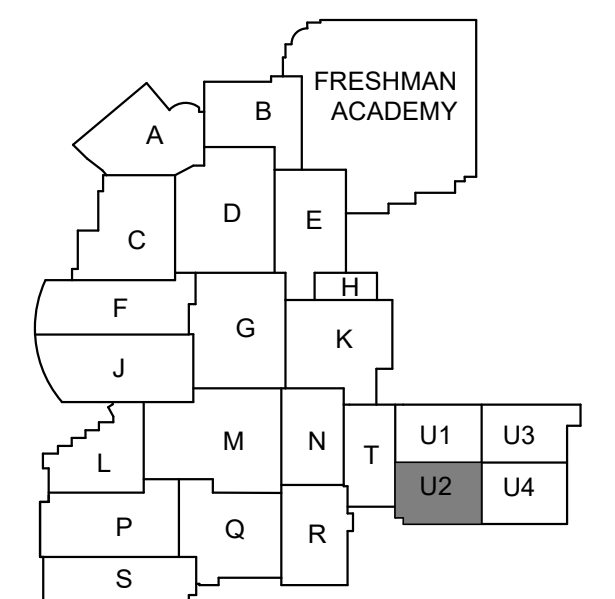
- 1 RECONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT THAT SERVED THIS AREA.
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1 FIRST FLOOR LIGHTING PLAN - UNIT U2
1/8" = 1'-0"

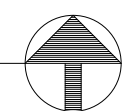


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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

FIRST FLOOR LIGHTING PLAN -
UNIT U.2

Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No: 

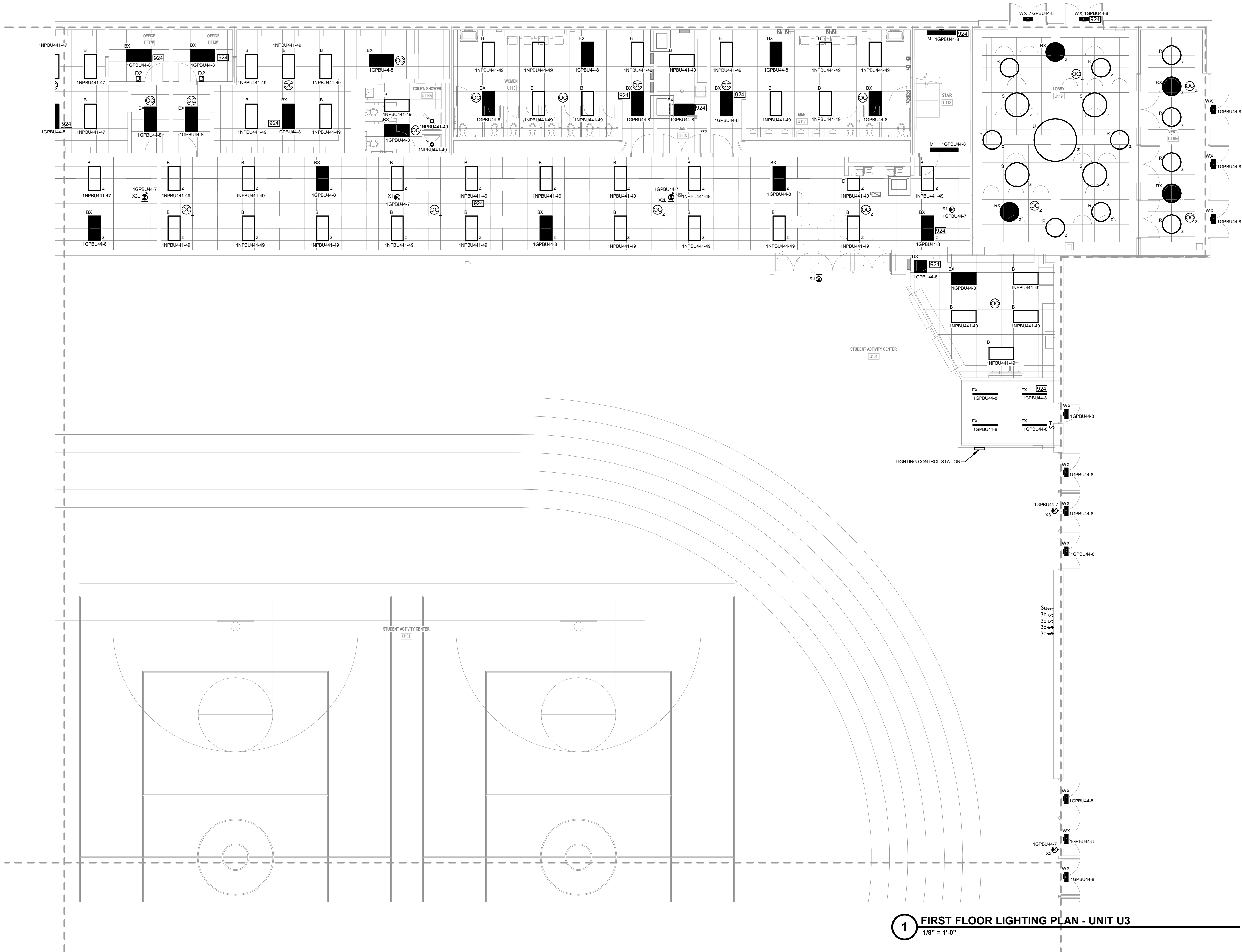
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David L. Jones III

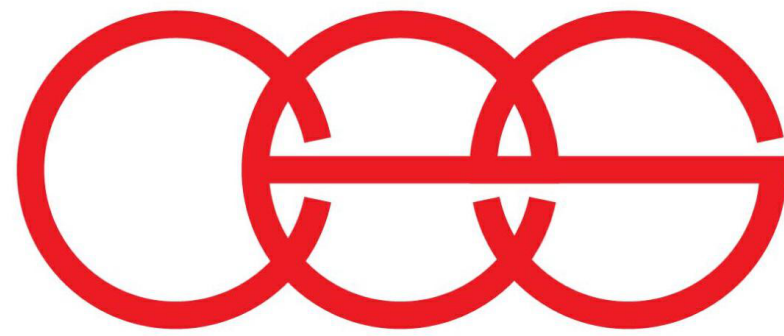
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#	Revision	Date
4	ADDENDUM #4	06.24.2024

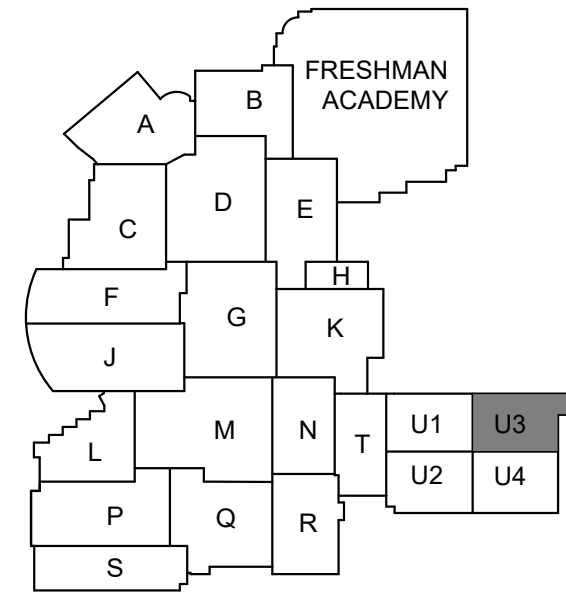
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1 FIRST FLOOR LIGHTING PLAN - UNIT U.3
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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

**FIRST FLOOR LIGHTING PLAN -
UNIT U.3**

Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:
EL1U.3



David L. Jones III

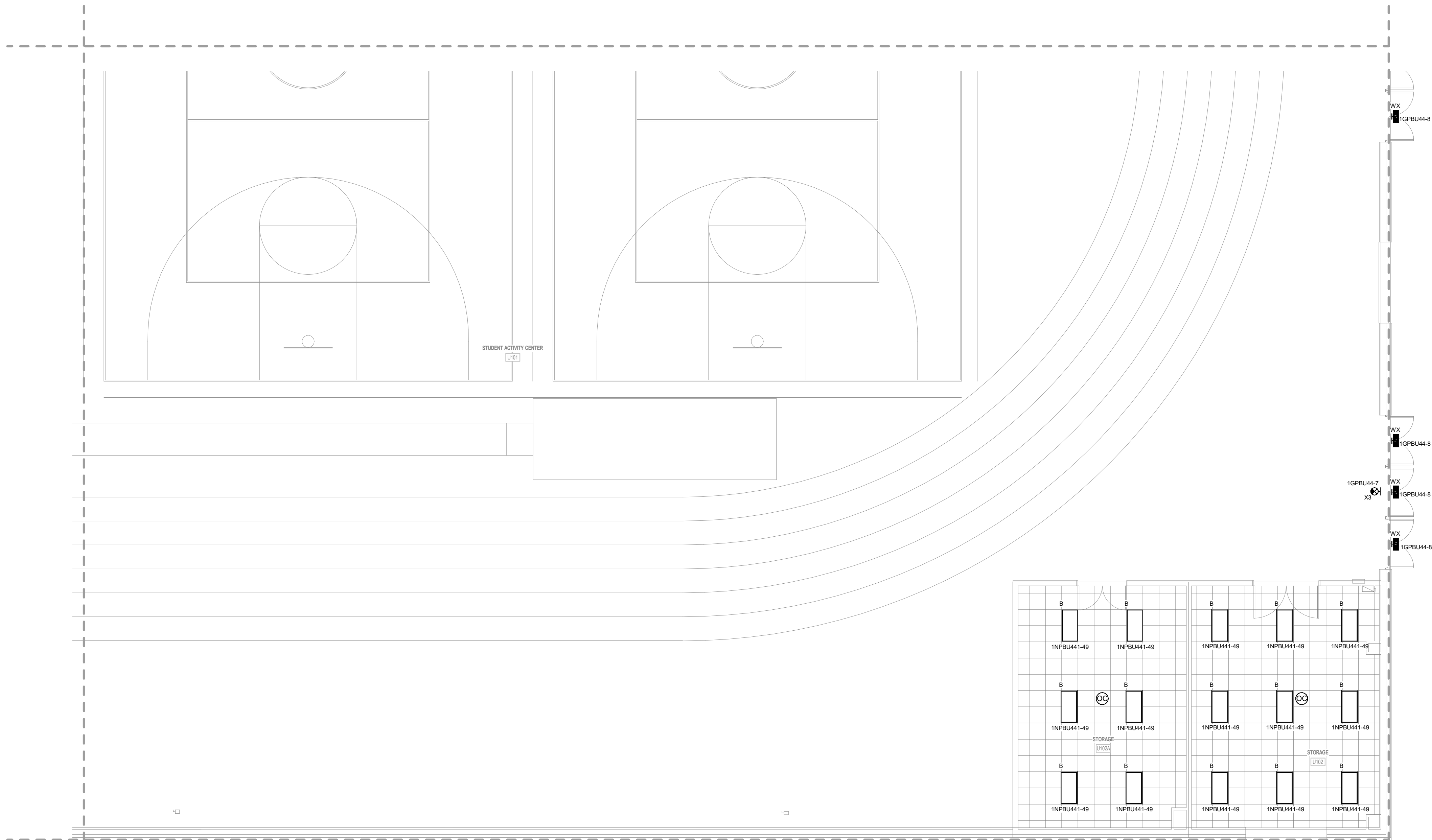
GENERAL LIGHTING NOTES

A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.

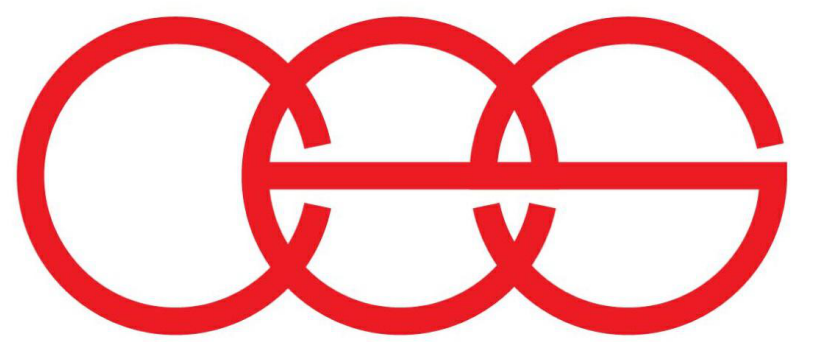
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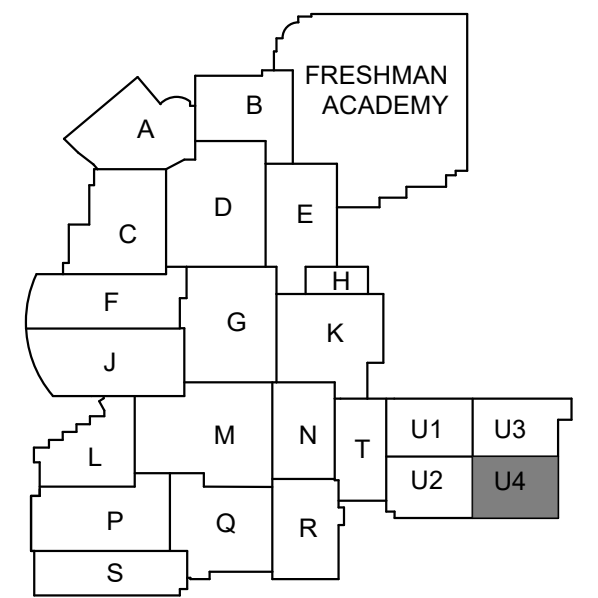
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR LIGHTING PLAN - UNIT U4
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FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR LIGHTING PLAN -
UNIT U.4**

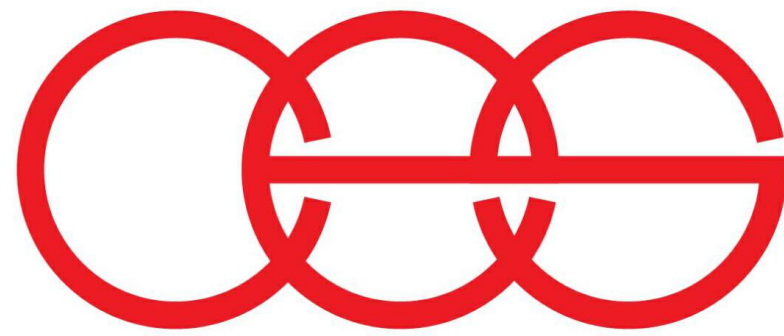
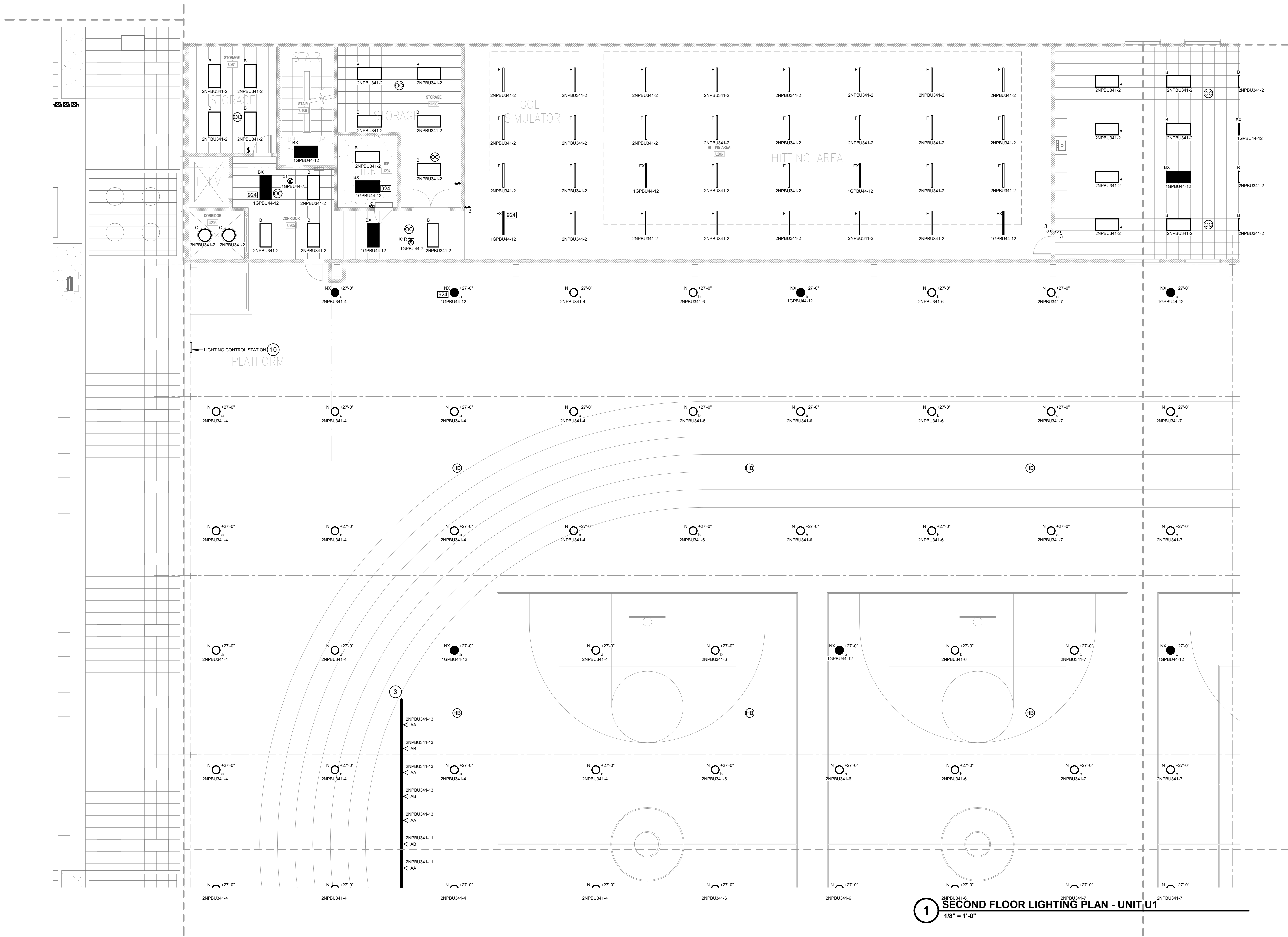
DAVID L. JONES III
REGISTERED
NO. PE12100175
STATE OF INDIANA
PROFESSIONAL ENGINEER

David L. Jones III

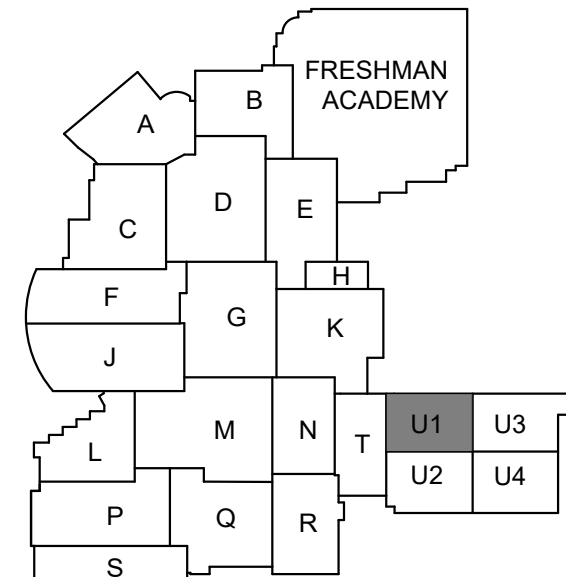
Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: EL1U.4

#	Revision	Date
4	ADDENDUM #4	06.24.2024

- GENERAL LIGHTING NOTES**
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
- LIGHTING PLAN NOTES**
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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**SECOND FLOOR LIGHTING PLAN -
UNIT U.1**

	Project No:	2022063.10
	Project Date:	May 29, 2024
	Drawing No:	EL2U.1

David L. Jones III

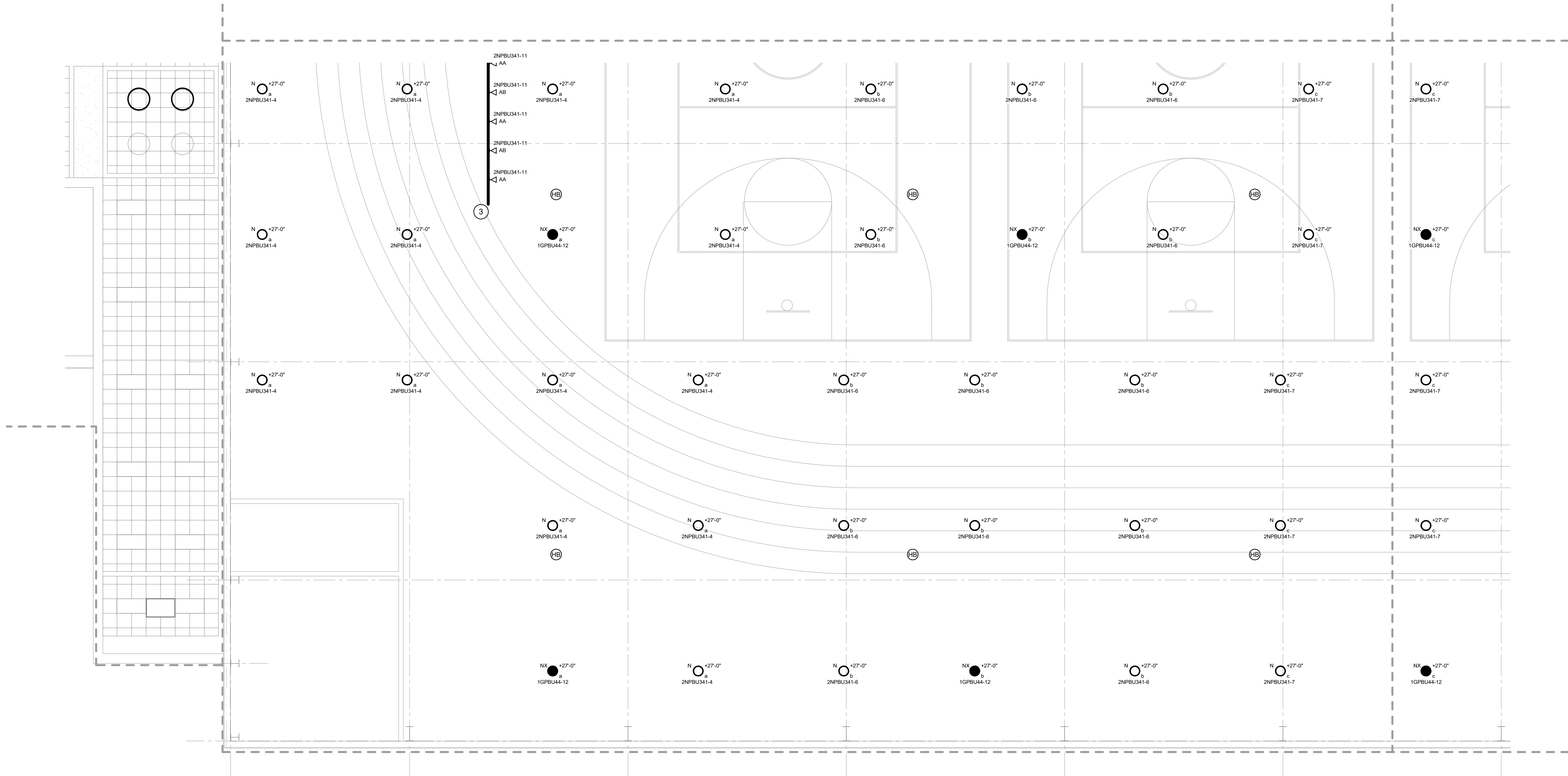
GENERAL LIGHTING NOTES

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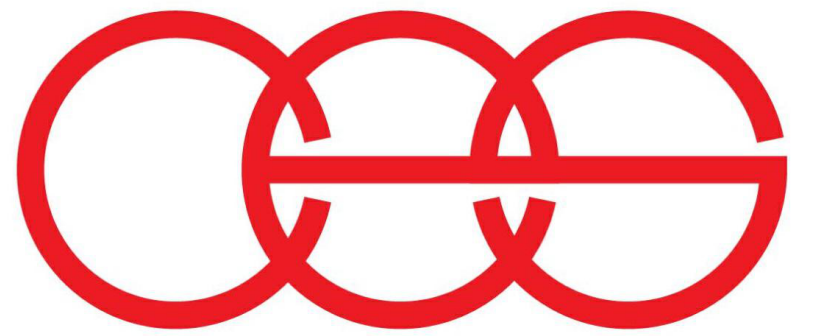
LIGHTING PLAN NOTES

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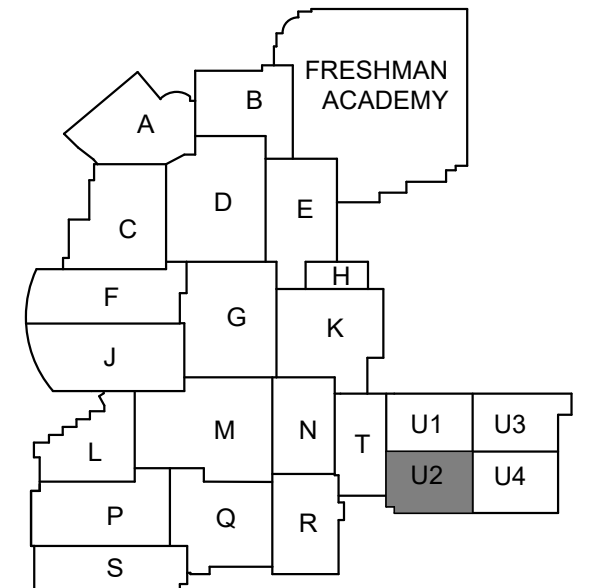
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 SECOND FLOOR LIGHTING PLAN - UNIT U.2
1/8" = 1'-0"

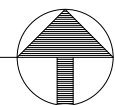


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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

**SECOND FLOOR LIGHTING PLAN -
UNIT U.2**

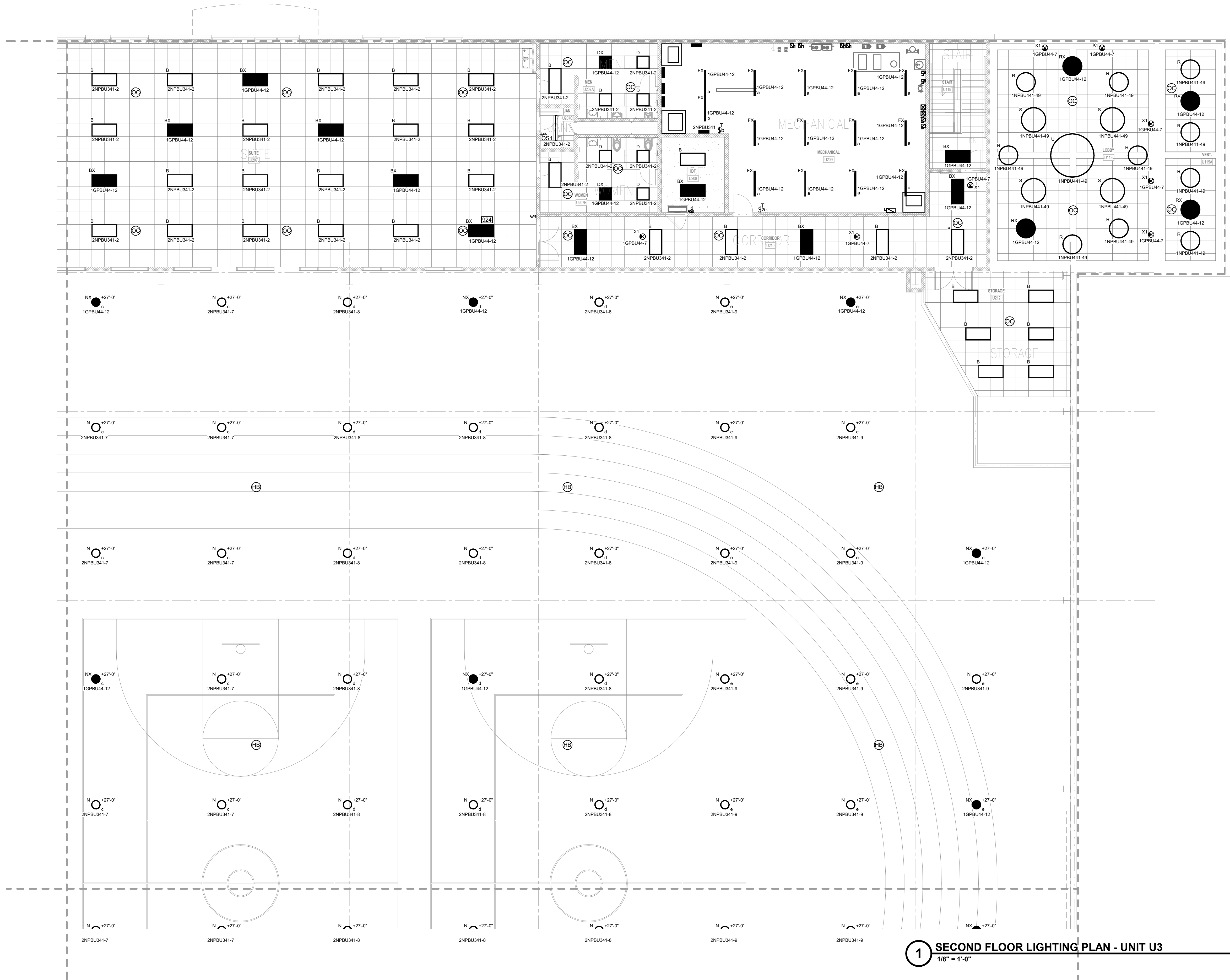


Project No: 2022063.10
Project Date: May 29, 2024

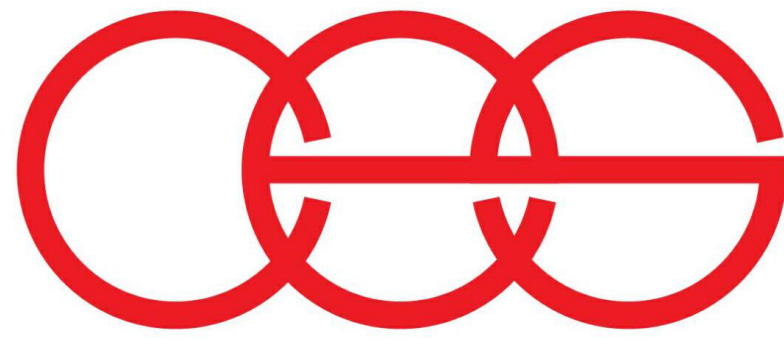
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4	ADDENDUM #4	06.24.2024

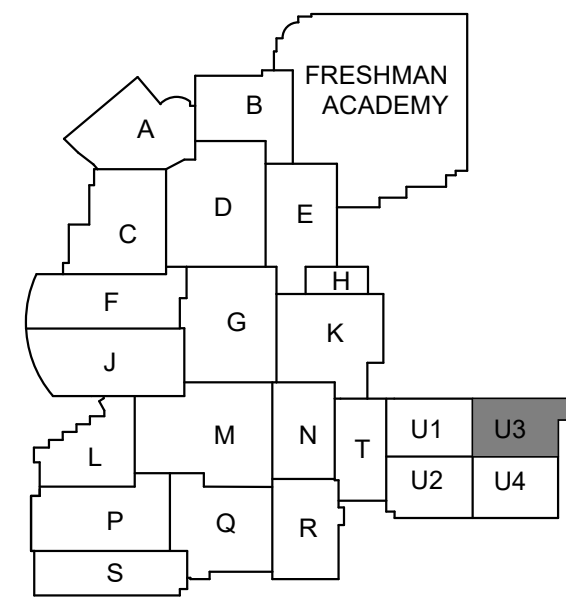
- GENERAL LIGHTING NOTES**
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- LIGHTING PLAN NOTES**
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1 SECOND FLOOR LIGHTING PLAN - UNIT U3
1/8" = 1'-0"

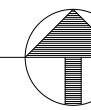


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ADDITION & RENOVATIONS TO:
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FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**SECOND FLOOR LIGHTING PLAN -
UNIT U3**



David L. Jones

Project No: 2022063.10

Project Date: May 29, 2024

Drawing No: EL2U.3

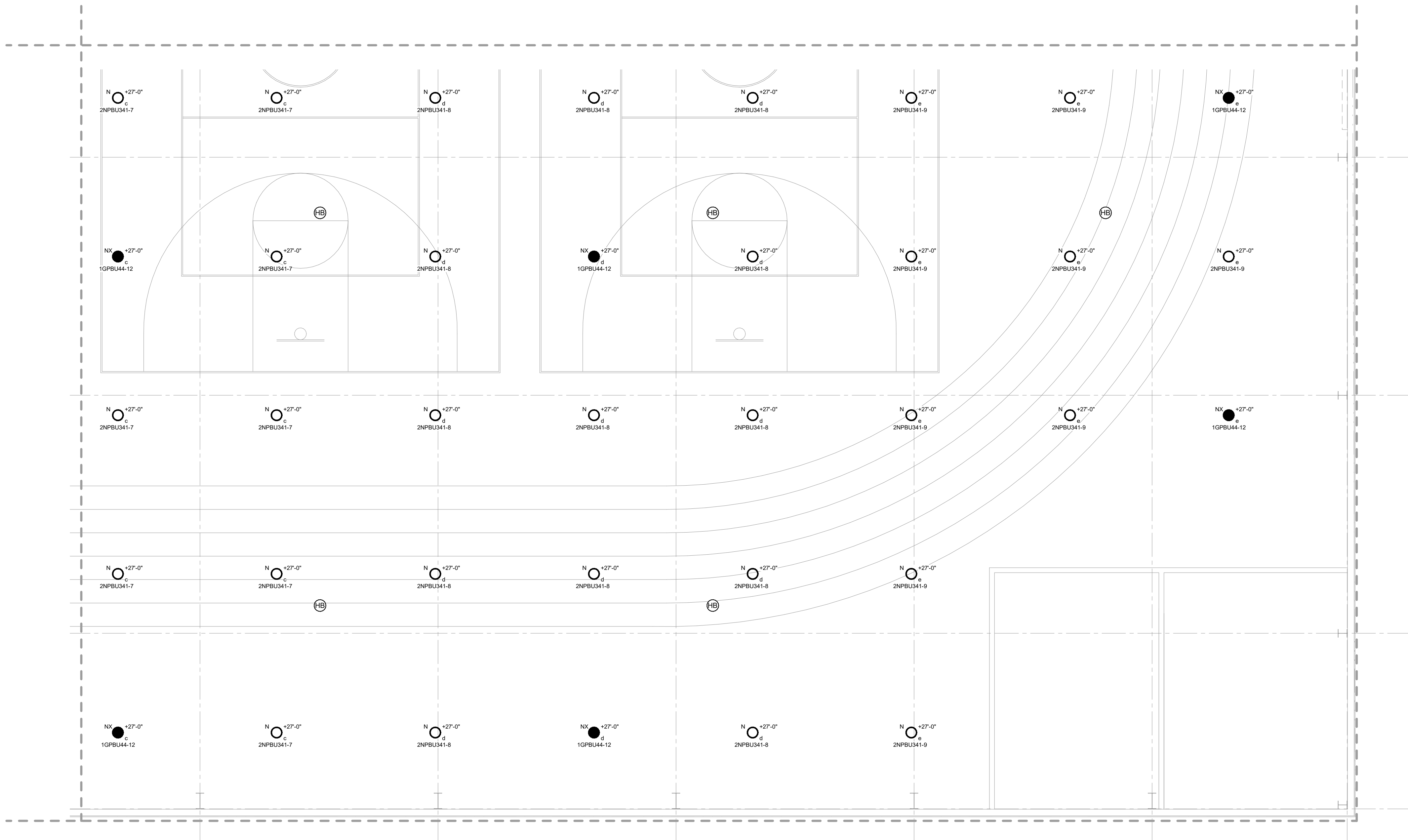
GENERAL LIGHTING NOTES

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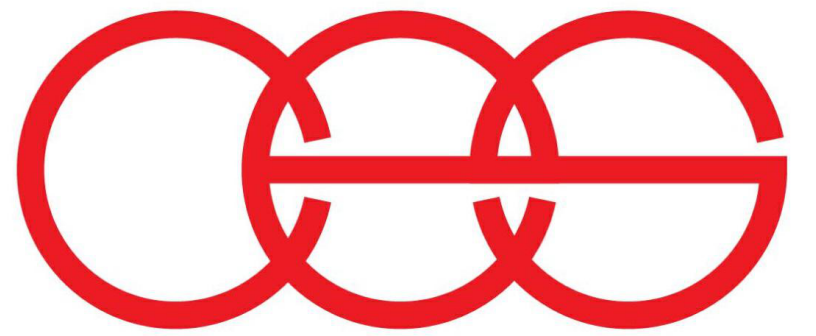
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- 9 PROVIDE A 12 SCENE CONTROLLER FOR GAMING ROOMS AND ESPORTS LIGHTING CONTROL. COORDINATE WITH ARCHITECT.
- 10 PROVIDE DMX INTERFACE. PROVIDE DMX BOARD FOR 24 CHANNELS. DMX BOARD OVERRIDES THE WALL MOUNTED CONTROLS. UPON LOSS OF POWER THE EMERGENCY LIGHTS SHALL ILLUMINATE WITHOUT HUMAN INTERFACE OR STATUS OF DMX BOARD. DMX BOARD CONTROLS LIGHTS IN OPEN AREA OF STUDENT ACTIVITY CENTER. COORDINATE WITH ARCHITECT.

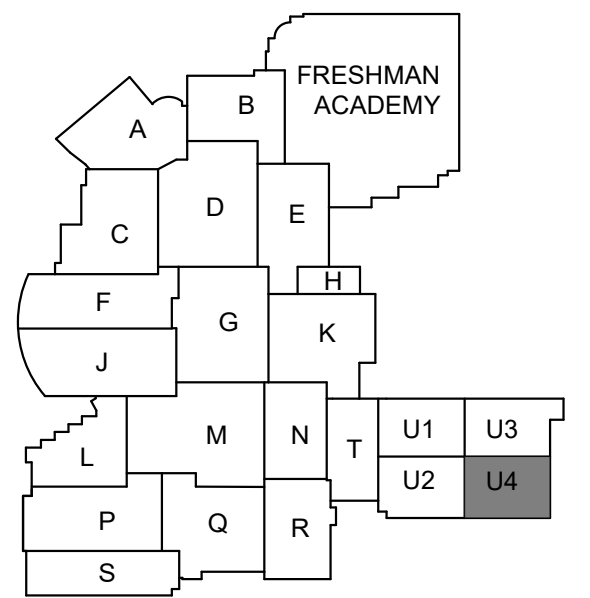
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 SECOND FLOOR LIGHTING PLAN - UNIT U4
1/8" = 1'-0"

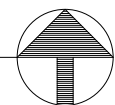


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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**SECOND FLOOR LIGHTING PLAN -
UNIT U4**

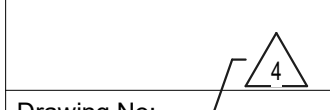


David L. Jones III

Project No: 2022063.10

Project Date: May 29, 2024

Drawing No: EL2U.4



EL2U.4

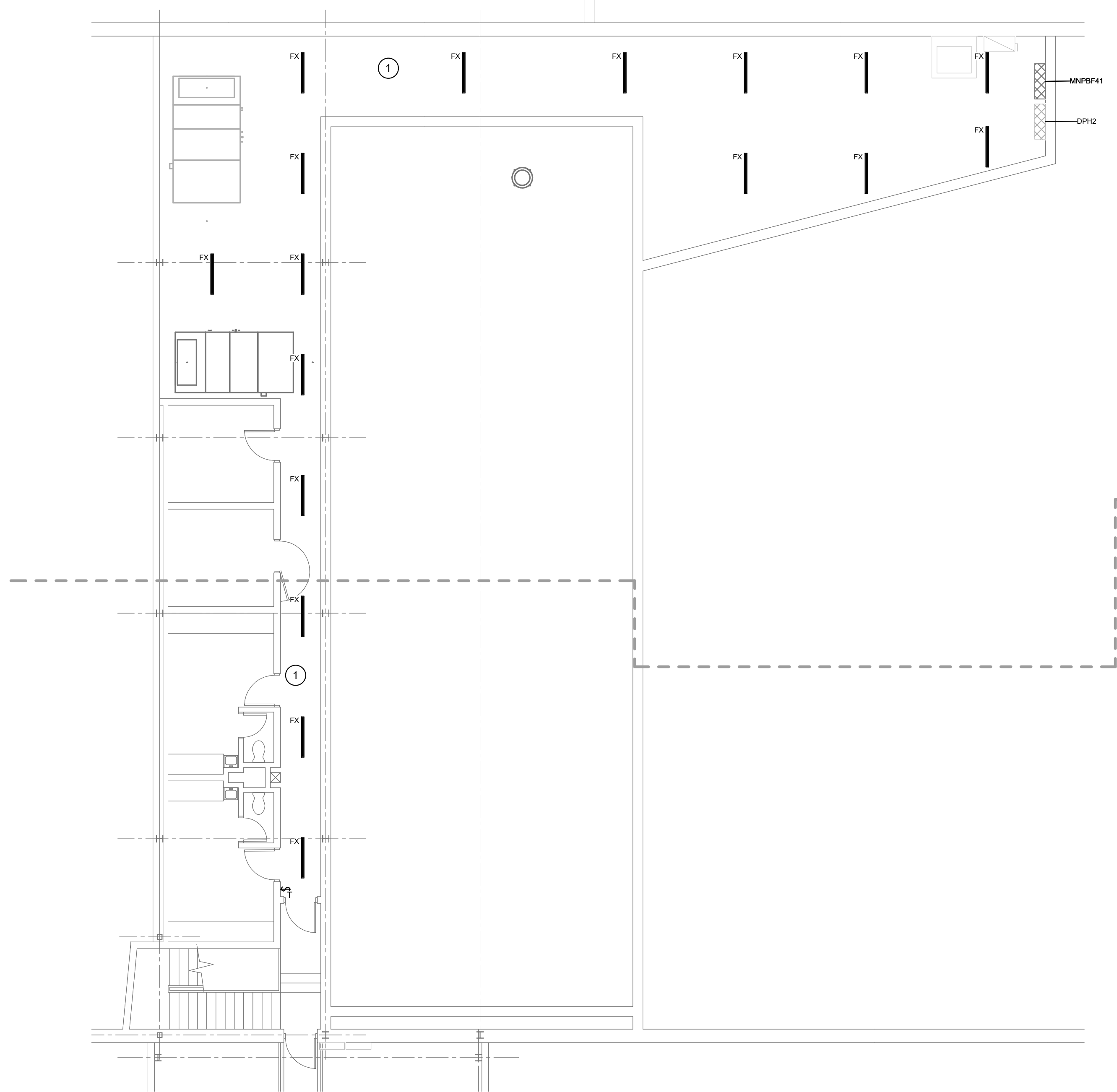
GENERAL LIGHTING NOTES

A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.

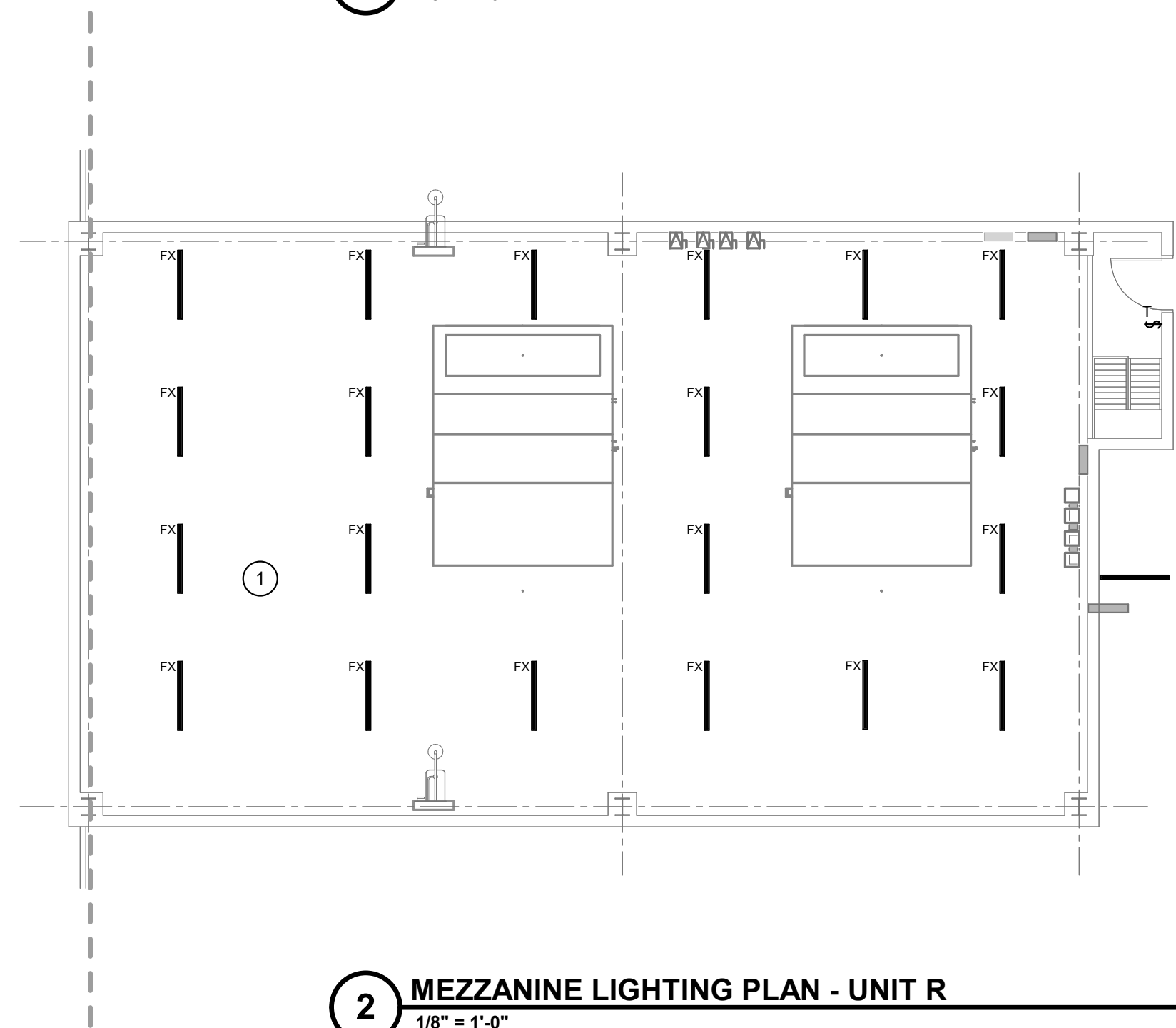
LIGHTING PLAN NOTES

- 1 RECONNECT LIGHT FIXTURES TO EXISTING LIGHTING CIRCUIT THAT SERVED THIS AREA.
- 2 PROVIDE DMX CONTROL MODULE FOR LIGHTS BASED ON SWITCH LEGS OF FLAT PANELS IN ROOM.
- 3 PROVIDE A COMPLETE PIPE HANGER SYSTEM WITH END CAPS FOR PIPE MOUNTED LIGHTS INDICATED. SUPPORT FROM STRUCTURE ABOVE. MOUNT BELOW CEILING. COORDINATE WITH ARCHITECT. PIPE HANGER SHALL BE MOTORIZED AND LOWERABLE FOR AIMING.
- 4 PROVIDE DMX INTERFACE BY VARI LITE. PROVIDE DMX BOARD FOR 24 CHANNELS DMX BOARD OVERRIDES THE WALL MOUNTED CONTROLS. UPON LOSS OF POWER THE EMERGENCY LIGHTS SHALL ILLUMINATE WITHOUT HUMAN INTERFACE OR STATUS OF DMX BOARD.
- 5 CONNECT EXISTING LIGHTS TO NEW OCCUPANCY SENSORS. REWORK EXISTING CIRCUITS TO CONTROL SWITCH LEGS AS INDICATED.
- 6 RESTROOM LIGHTS TO BE CONTROLLED BY OCCUPANCY SENORS WITHIN THE SPACE.
- 7 PROVIDE A 12 SCENE CONTROLLER FOR GREAT HALL AND CAFETERA LIGHTING CONTROL. COORDINATE WITH ARCHITECT.
- 8 PROVIDE A 4 SCENE CONTROLLER FOR SERVING AREA LIGHTING CONTROL. COORDINATE WITH ARCHITECT.
- 9 PROVIDE A 12 SCENE CONTROLLER FOR GAMING ROOMS AND ESPORTS LIGHTING CONTROL. COORDINATE WITH ARCHITECT.
- 10 PROVIDE DMX INTERFACE. PROVIDE DMX BOARD FOR 24 CHANNELS. DMX BOARD OVERRIDES THE WALL MOUNTED CONTROLS. UPON LOSS OF POWER THE EMERGENCY LIGHTS SHALL ILLUMINATE WITHOUT HUMAN INTERFACE OR STATUS OF DMX BOARD. DMX BOARD CONTROLS LIGHTS IN OPEN AREA OF STUDENT ACTIVITY CENTER. COORDINATE WITH ARCHITECT.

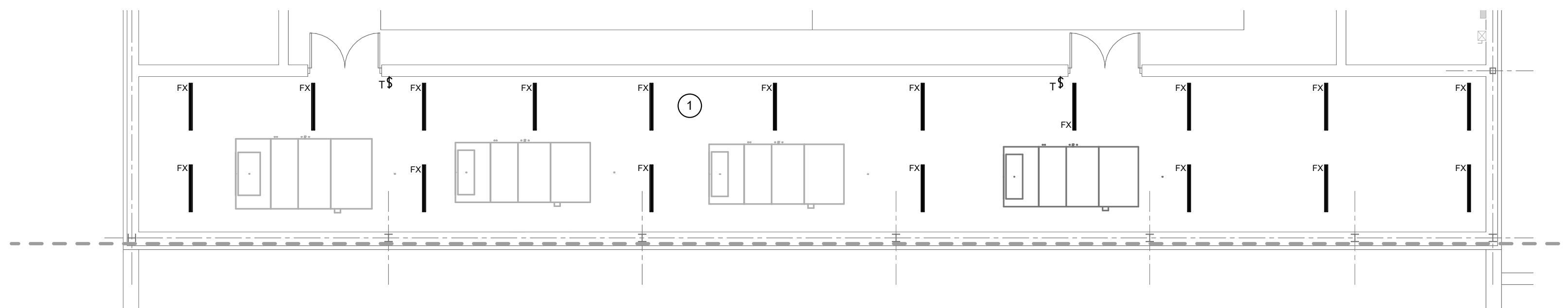
#	Revision	Date
4	ADDENDUM #4	06.24.2024



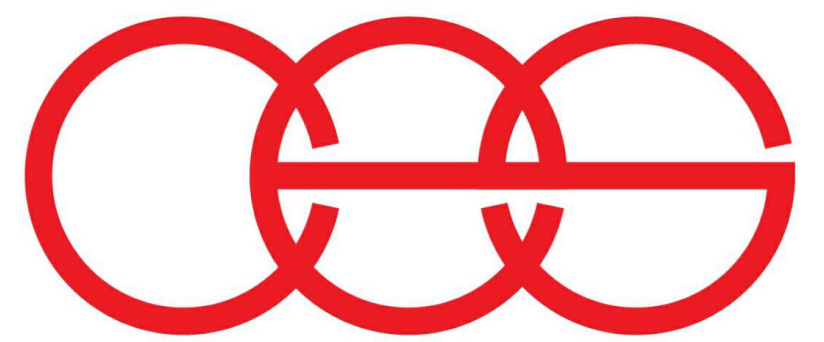
3 MEZZANINE LIGHTING PLAN - UNIT F
1/8" = 1'-0"



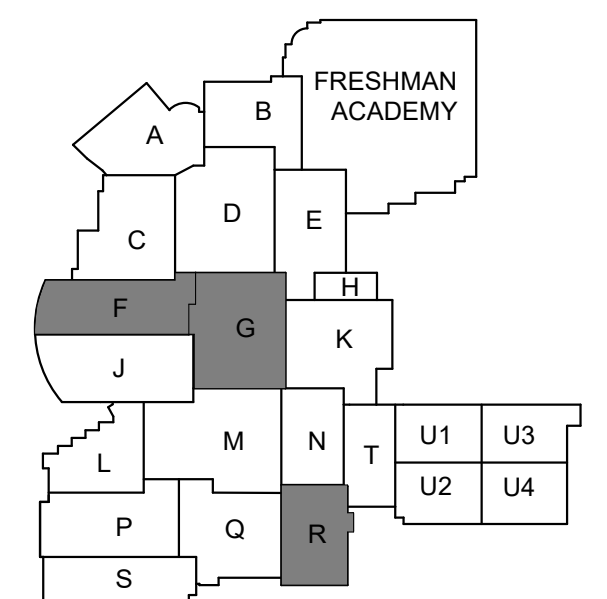
2 MEZZANINE LIGHTING PLAN - UNIT R
1/8" = 1'-0"



1 MEZZANINE LIGHTING PLAN - UNIT G
1/8" = 1'-0"

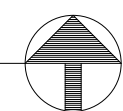


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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

MEZZANINE LIGHTING PLANS



David L. Jones III

Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:
EL2X

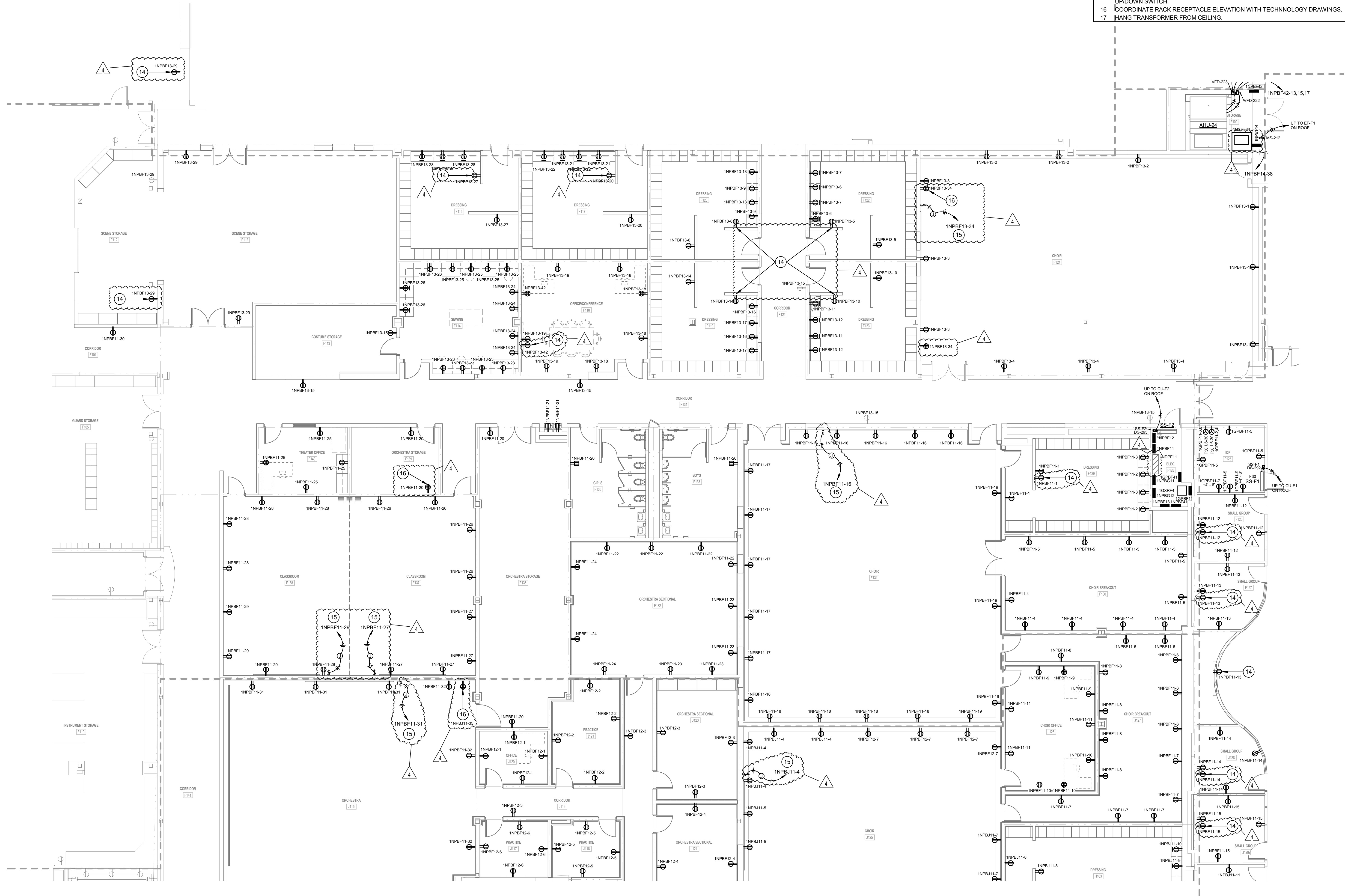
#	Revision	Date
4	ADDENDUM #4	06.24.2024

GENERAL POWER NOTES

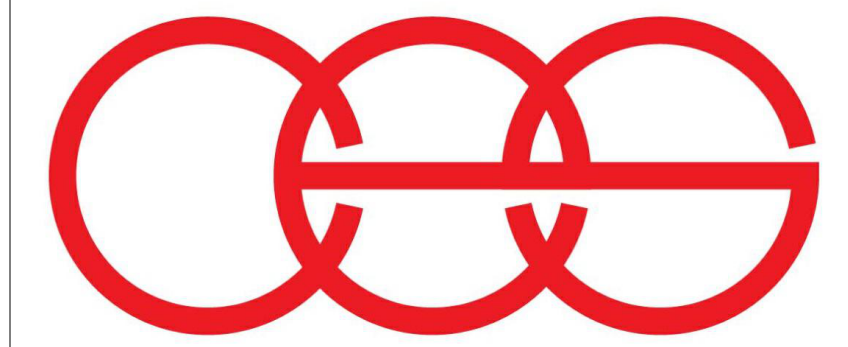
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR AV AND IT WITH TECHNOLOGY DRAWINGS.

POWER PLAN NOTES

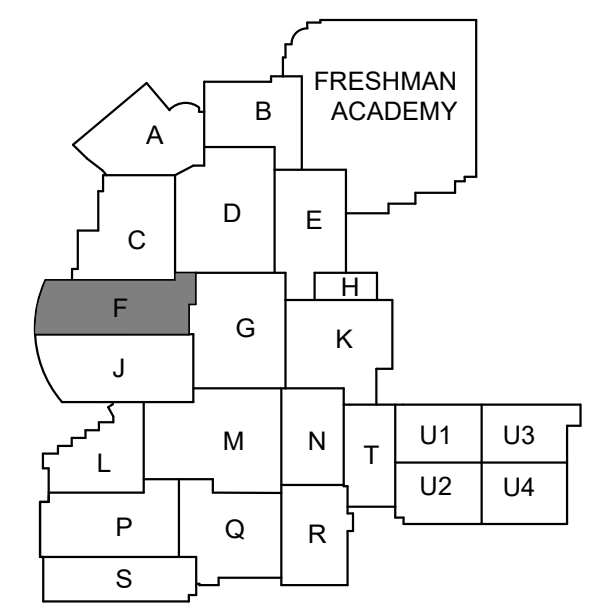
- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
- 3 PROVIDE POWER CONNECTION TO GYM EQUIPMENT. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 4 PROVIDE POWER CONNECTION TO GYM EQUIPMENT OPERATOR STATION. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 5 COORDINATE RECEPTACLE LOCATIONS FOR VIDEO BOARD WITH TECHNOLOGY PROVIDER.
- 6 120V CONNECTION FOR EMERGENCY GAS SHUT OFF CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 22 DRAWINGS.
- 7 12"X12"X6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED. INSTALLED AND WIRED BY MANUFACTURER. INSTALL (1) 3/4" C BETWEEN BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
- 8 PROVIDE DEVICES AS INDICATED IN BLEACHER DETAILS ON E005. PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICES LOCATED ON BLEACHERS.
- 9 POWER CONNECTION TO SCOREBOARD. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
- 10 120V CONNECTION FOR DISHWASHER. COORDINATE WITH CASEWORK.
- 11 PROJECTOR CEILING RECEPTACLE. COORDINATE EXACT LOCATION WITH TECHNOLOGY DRAWINGS.
- 12 120V CONNECTION FOR UNDERCOUNTER DI WATER/COMPRESSED AIR SYSTEMS AND ABOVE COUNTER GOGGLE CABINET. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- 13 ALL DEVICES AND COVER PLATES IN TV STUDIO SHALL BE BLACK.
- 14 MONITOR RECEPTACLE. COORDINATE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 15 120V CONNECTION FOR MOTORIZED SCREEN. CONNECT TO LOW VOLTAGE UP/DOWN SWITCH.
- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS. HANG TRANSFORMER FROM CEILING.



1 FIRST FLOOR POWER PLAN - UNIT F
1/8" = 1'-0"



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Drawing Title:

FIRST FLOOR POWER PLAN - UNIT F



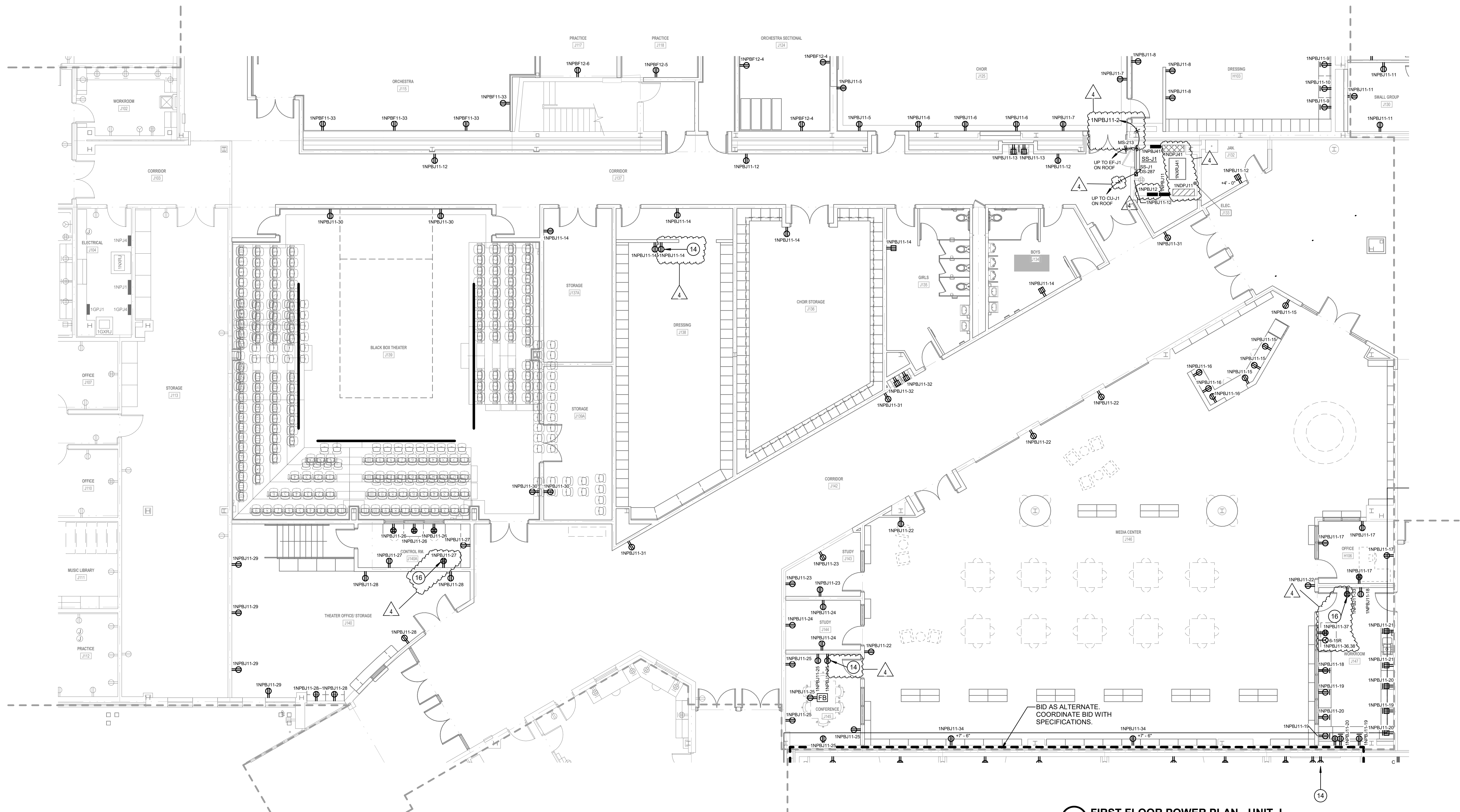
Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: EP1F

GENERAL POWER NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR AV AND IT WITH TECHNOLOGY DRAWINGS.

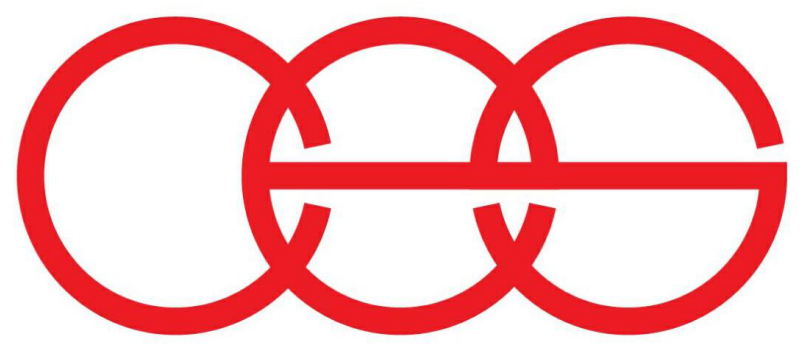
POWER PLAN NOTES

- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
- 3 PROVIDE POWER CONNECTION TO GYM EQUIPMENT. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 4 PROVIDE POWER CONNECTION TO GYM EQUIPMENT OPERATOR STATION. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 5 COORDINATE RECEPTACLE LOCATIONS FOR VIDEO BOARD WITH TECHNOLOGY PROVIDER.
- 6 120V CONNECTION FOR EMERGENCY GAS SHUT OFF CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 22 DRAWINGS.
- 7 12"X12"X6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED. INSTALLED AND WIRED BY MANUFACTURER. INSTALL (1) 3/4" BETWEEN BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
- 8 PROVIDE DEVICES AS INDICATED IN BLEACHER DETAILS ON E505. PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICES LOCATED ON BLEACHERS.
- 9 POWER CONNECTION TO SCOREBOARD. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
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- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 17 HANG TRANSFORMER FROM CEILING.

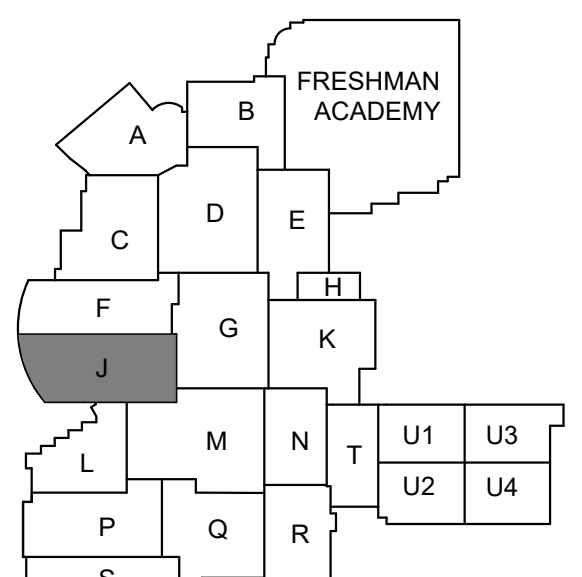


1 FIRST FLOOR POWER PLAN - UNIT J
1/8" = 1'-0"

#	Revision	Date
4	ADDENDUM #4	06.24.2024



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FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

FIRST FLOOR POWER PLAN - UNIT J

	Project No:	2022063.10
	Project Date:	May 29, 2024
	Drawing No:	EP1J

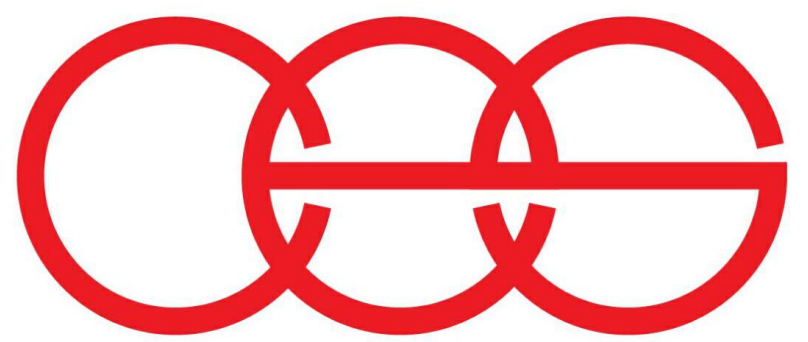
GENERAL POWER NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR AV AND IT WITH TECHNOLOGY DRAWINGS.

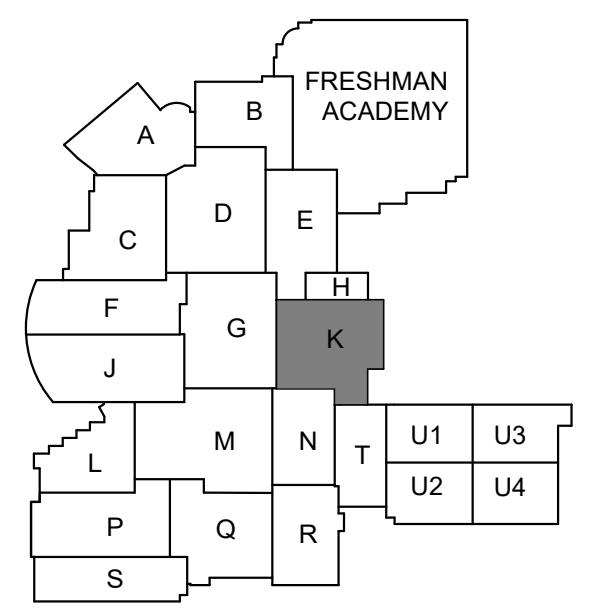
POWER PLAN NOTES

- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
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- 17 HANG TRANSFORMER FROM CEILING.

#	Revision	Date
4	ADDENDUM #4	06.24.2024

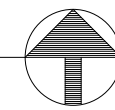


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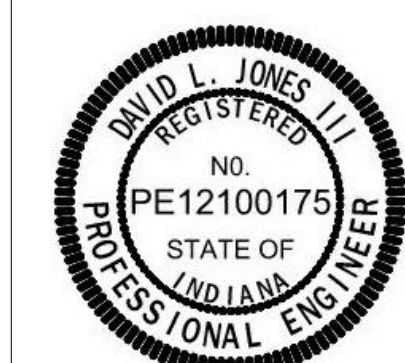
ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

FIRST FLOOR POWER PLAN -
UNIT K



David L. Jones III

Project No: 2022063.10

Project Date:

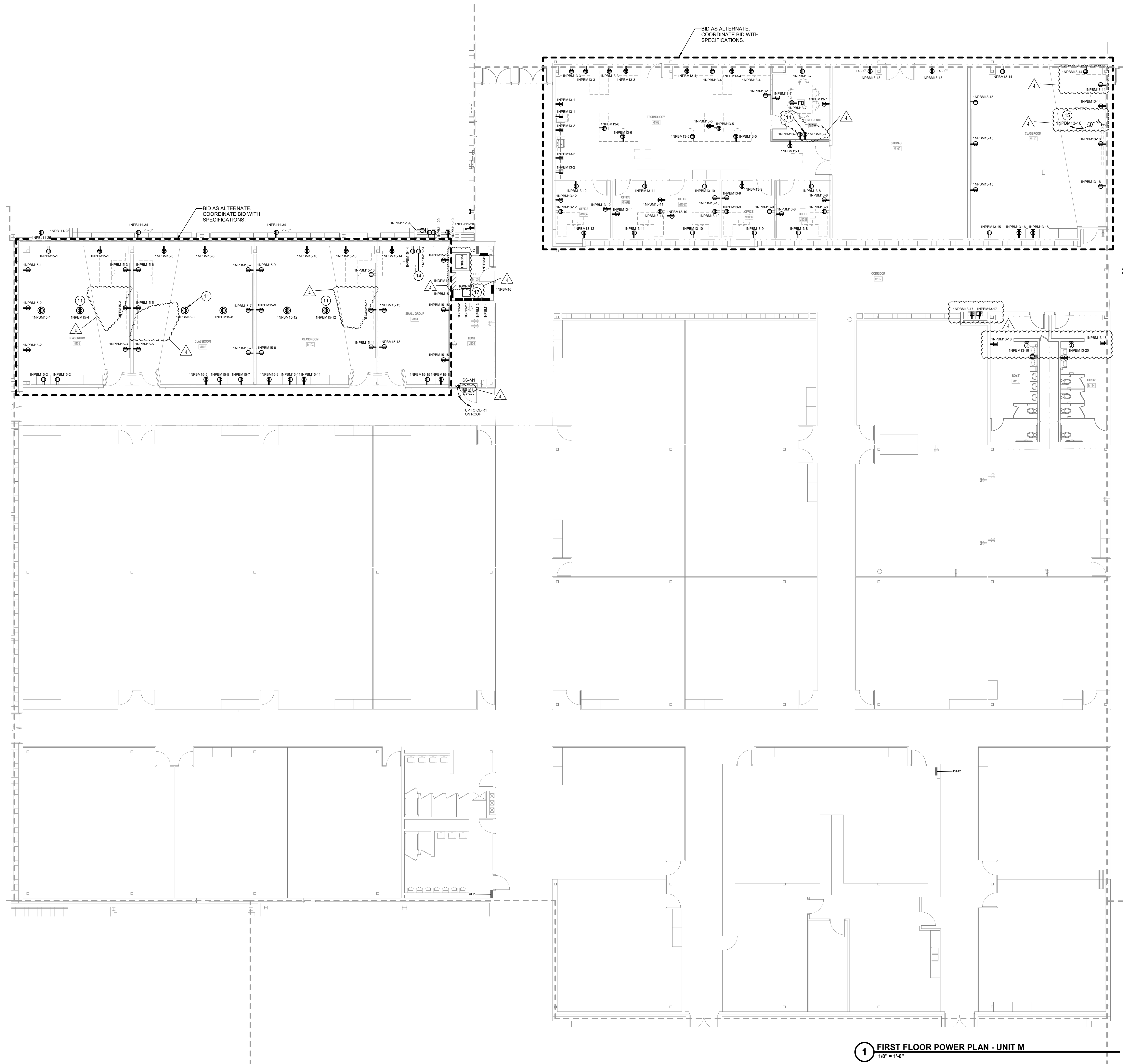
May 29, 2024

Drawing No:

EP1K

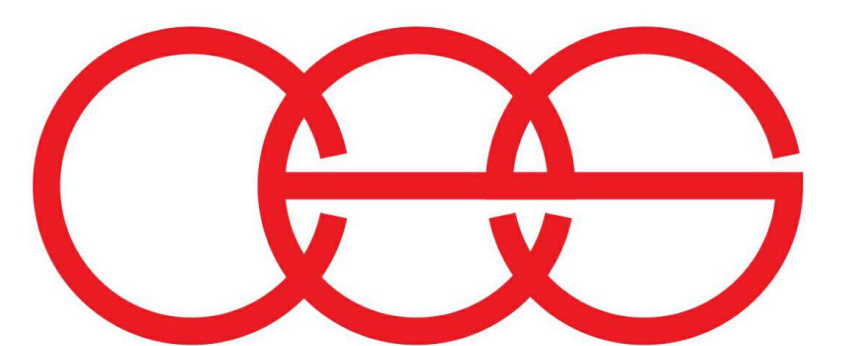
1 FIRST FLOOR POWER PLAN - UNIT K

1/8" = 1'-0"

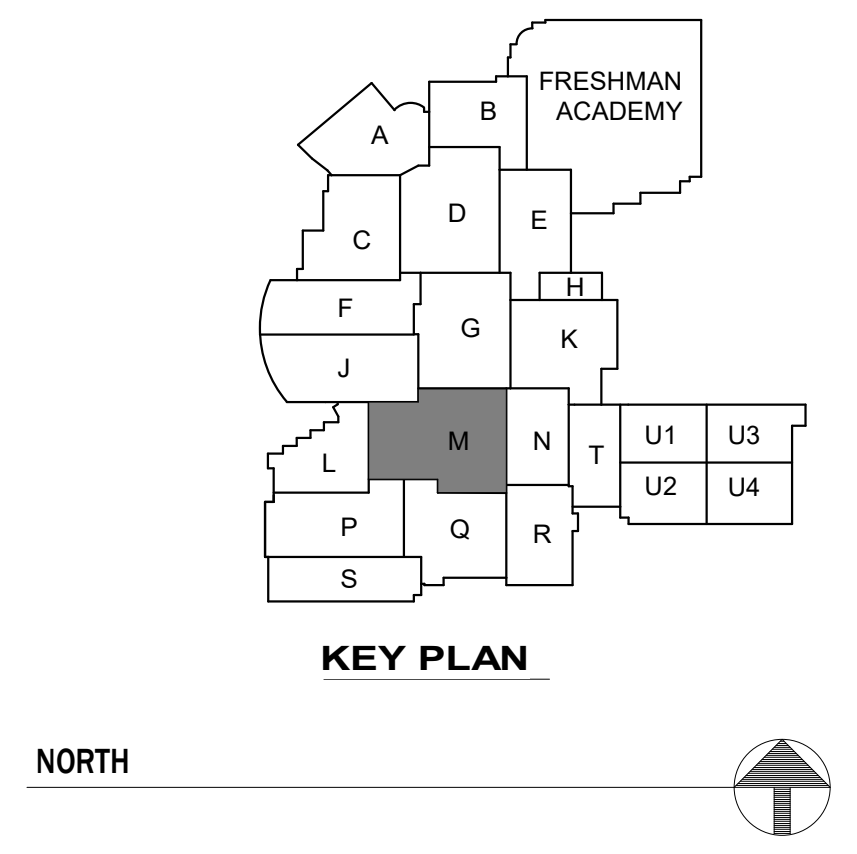


- GENERAL POWER NOTES**
A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR AV AND IT WITH TECHNOLOGY DRAWINGS.
- POWER PLAN NOTES**
1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
3 PROVIDE POWER CONNECTION TO GYM EQUIPMENT. COORDINATE LOCATION WITH GYM EQUIPMENT.
4 PROVIDE POWER CONNECTION TO GYM EQUIPMENT OPERATOR STATION. COORDINATE LOCATION WITH GYM EQUIPMENT.
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6 120V CONNECTION FOR EMERGENCY GAS SHUT OFF CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 22 DRAWINGS.
7 12"x12"x6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED. INSTALLED AND WIRED BY MANUFACTURER. INSTALL (1) 3/4" C BETWEEN BOX AND ADJACENT DISCONNECT SWITCH.
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16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
17 HANG TRANSFORMER FROM CEILING.

#	Revision	Date
4	ADDENDUM #4	06.24.2024



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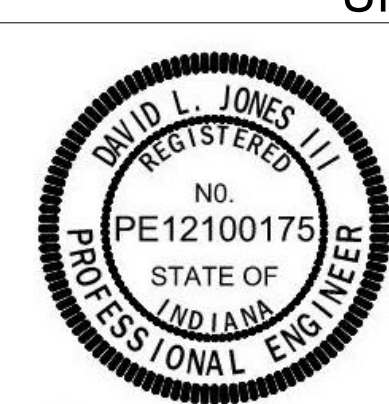


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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**FIRST FLOOR POWER PLAN -
UNIT M**



Project No: 2022063.10
Project Date: **May 29, 2024**
Drawing No: **EP1M**

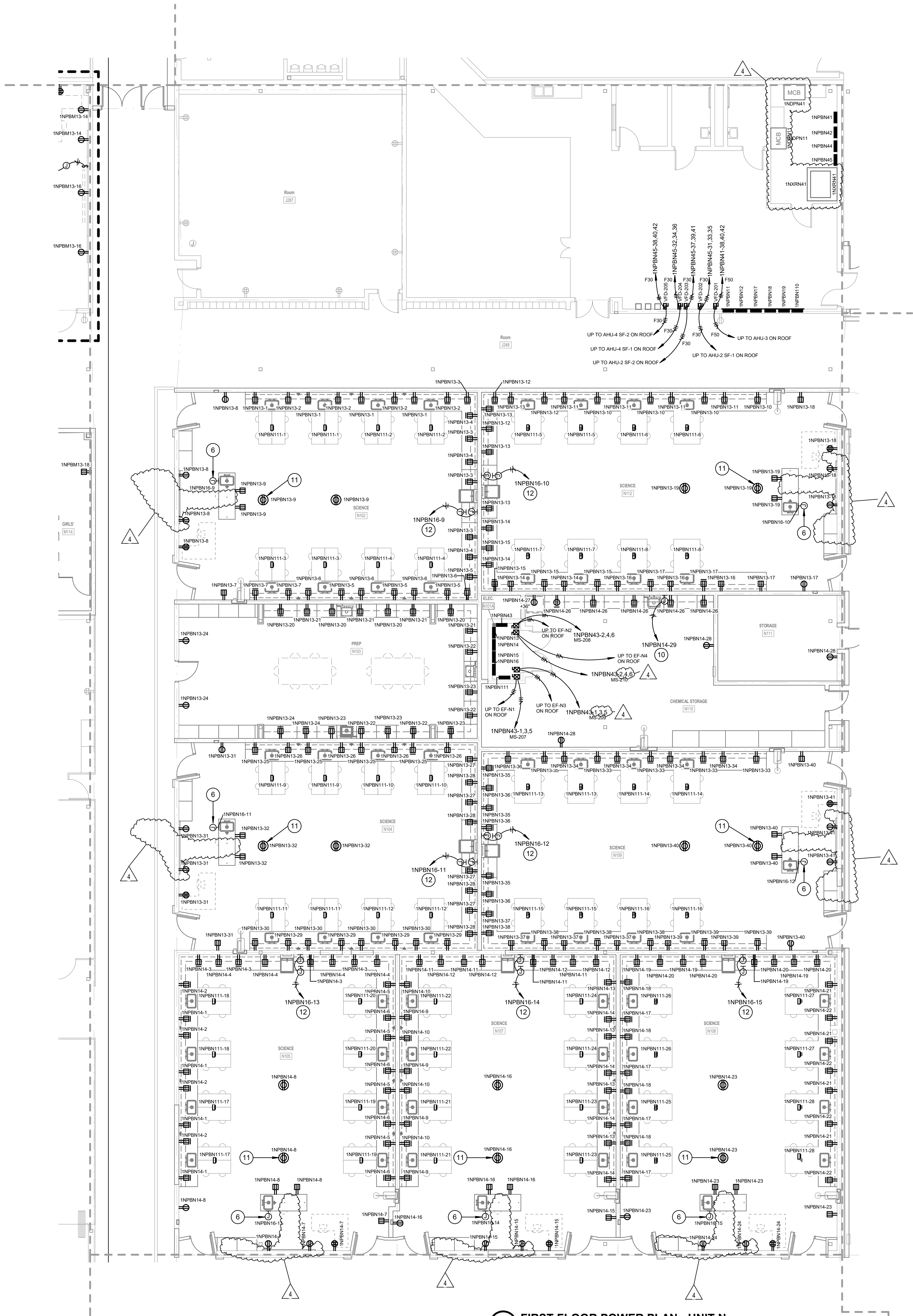
1 FIRST FLOOR POWER PLAN - UNIT M
1/8" = 1'-0"

GENERAL POWER NOTES

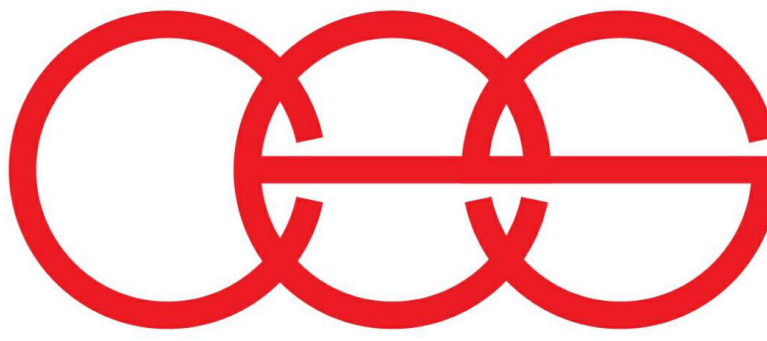
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR AV AND IT WITH TECHNOLOGY DRAWINGS

POWER PLAN NOTES

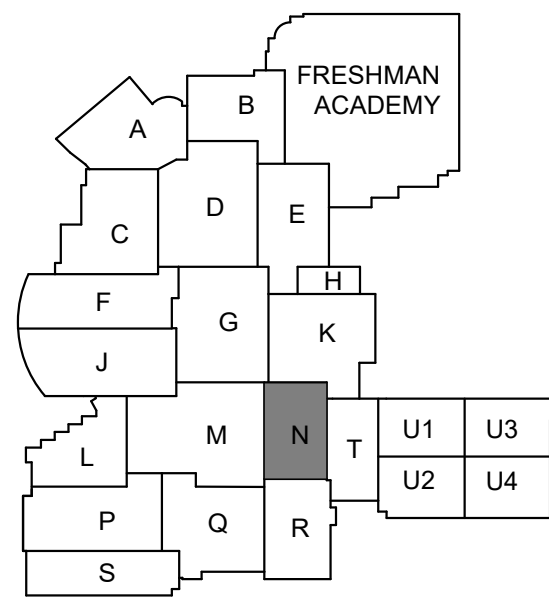
- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
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- 15 120V CONNECTION FOR MOTORIZED SCREEN. CONNECT TO LOW VOLTAGE UP/DOWN SWITCH.
- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 17 HANG TRANSFORMER FROM CEILING.



1 FIRST FLOOR POWER PLAN - UNIT N
1/8" = 1'-0"



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ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

FIRST FLOOR POWER PLAN -
UNIT N



David L. Jones

Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

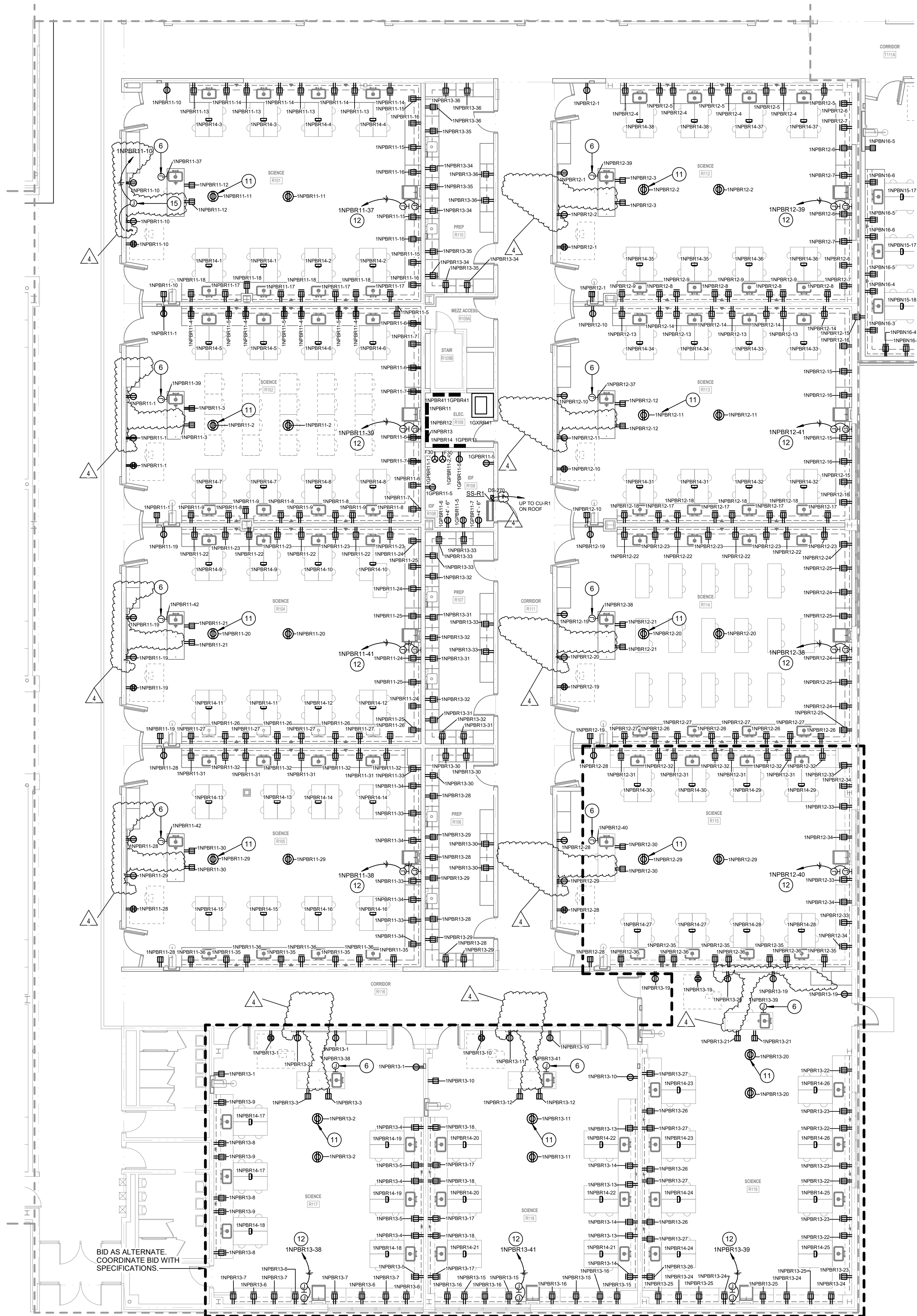
EP1N

GENERAL POWER NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR AV AND IT WITH TECHNOLOGY DRAWINGS.

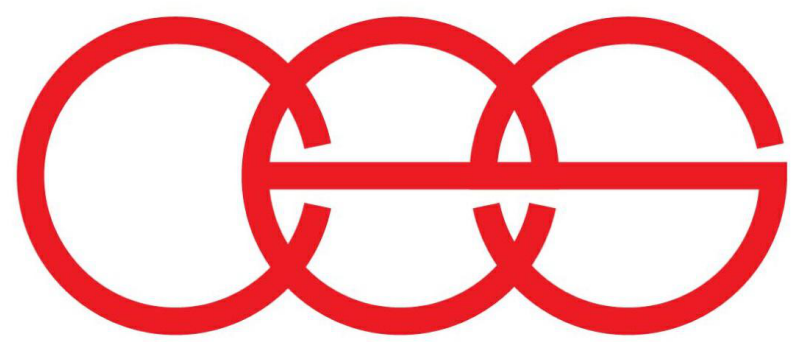
POWER PLAN NOTES

- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
- 3 PROVIDE POWER CONNECTION TO GYM EQUIPMENT. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 4 PROVIDE POWER CONNECTION TO GYM EQUIPMENT OPERATOR STATION. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 5 COORDINATE RECEPTACLE LOCATIONS FOR VIDEO BOARD WITH TECHNOLOGY PROVIDER.
- 6 120V CONNECTION FOR EMERGENCY GAS SHUT OFF CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 22 DRAWINGS.
- 7 12"X12"X6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.I. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED, INSTALLED AND WIRED BY MANUFACTURER. INSTALL (1) 3/4" C BETWEEN BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
- 8 PROVIDE DEVICES AS INDICATED IN BLEACHER DETAILS ON E005. PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICES LOCATED ON BLEACHERS.
- 9 POWER CONNECTION TO SCOREBOARD. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
- 10 120V CONNECTION FOR DISHWASHER. COORDINATE WITH CASEWORK.
- 11 PROJECTOR CEILING RECEPTACLE. COORDINATE EXACT LOCATION WITH TECHNOLOGY DRAWINGS.
- 12 120V CONNECTION FOR UNDERCOUNTER DI WATER/COMPRESSED AIR SYSTEMS AND ABOVE COUNTER GOGGLE CABINET. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- 13 ALL DEVICES AND COVER PLATES IN TV STUDIO SHALL BE BLACK.
- 14 MONITOR RECEPTACLE. COORDINATE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 15 120V CONNECTION FOR MOTORIZED SCREEN. CONNECT TO LOW VOLTAGE UP/DOWN SWITCH.
- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 17 HANG TRANSFORMER FROM CEILING.

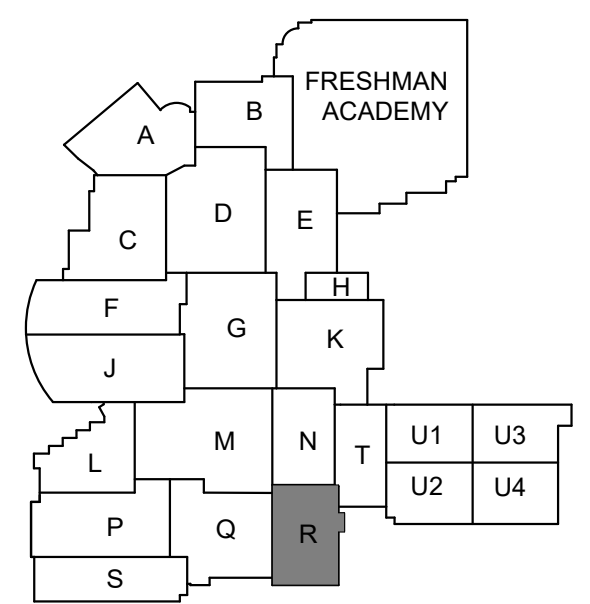


1 FIRST FLOOR POWER PLAN - UNIT R
1/8" = 1'-0"

#	Revision	Date
4	ADDENDUM #4	06.24.2024

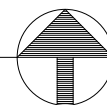


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ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

FIRST FLOOR POWER PLAN -
UNIT R



David L. Jones III

Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

EP1R

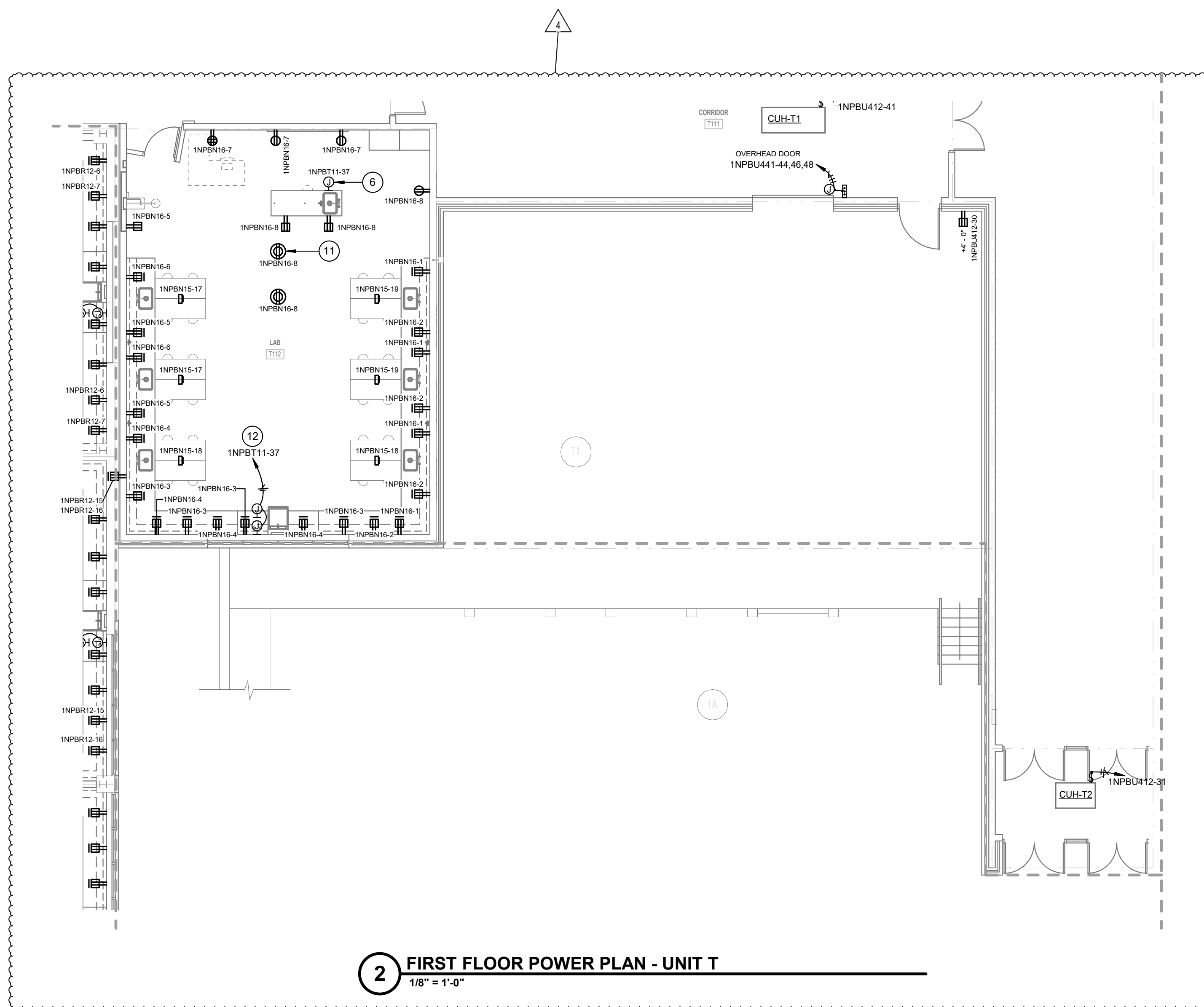
#	Revision	Date
4	ADDENDUM #4	06.24.2024

GENERAL POWER NOTES

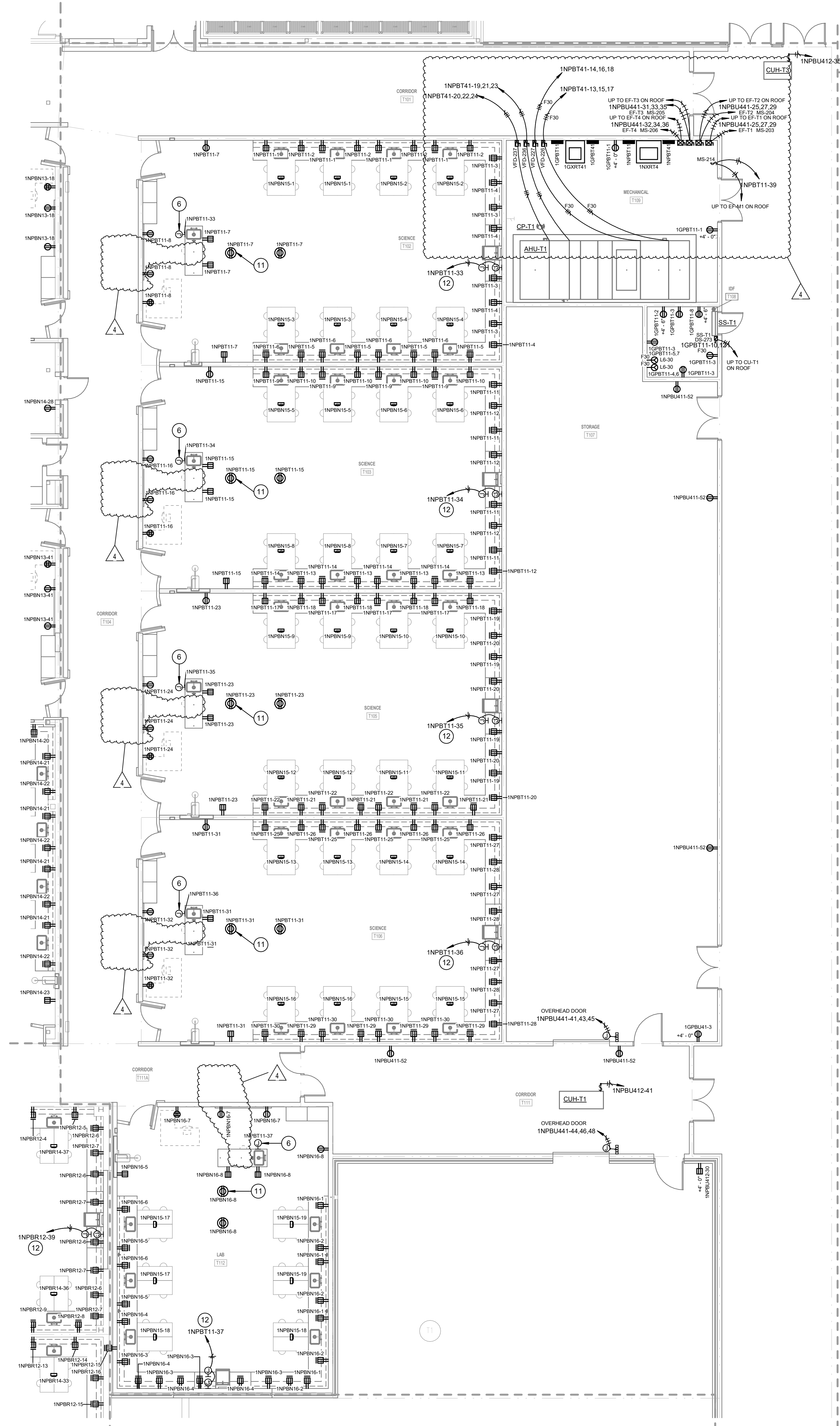
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR AV AND IT WITH TECHNOLOGY DRAWINGS.

POWER PLAN NOTES

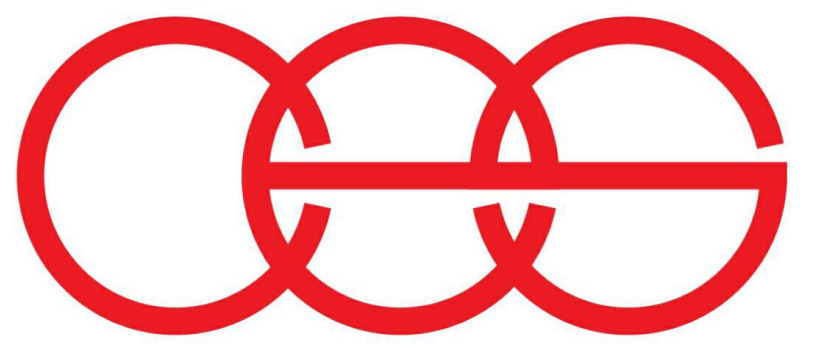
- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 200A/3P CIRCUIT BREAKER, MATCH KAIC RATING OF PANELBOARD.
- 3 PROVIDE POWER CONNECTION TO GYM EQUIPMENT. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 4 PROVIDE POWER CONNECTION TO GYM EQUIPMENT OPERATOR STATION. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 5 COORDINATE RECEPTACLE LOCATIONS FOR VIDEO BOARD WITH TECHNOLOGY PROVIDER.
- 6 120V CONNECTION FOR EMERGENCY GAS SHUT OFF CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 22 DRAWINGS.
- 7 12X12X6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED, INSTALLED AND WIRED BY MANUFACTURER. INSTALL (1) 34"Ø BETWEEN BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
- 8 PROVIDE DEVICES AS INDICATED IN BLEACHER DETAILS ON E505. PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICES LOCATED ON BLEACHERS.
- 9 POWER CONNECTION TO SCOREBOARD. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
- 10 120V CONNECTION FOR DISHWASHER. COORDINATE WITH CASEWORK.
- 11 PROJECTOR CEILING RECEPTACLE. COORDINATE EXACT LOCATION WITH TECHNOLOGY DRAWINGS.
- 12 120V CONNECTION FOR UNDERCOUNTER DI WATER/COMPRESSED AIR SYSTEMS AND ABOVE COUNTER GOGGLE CABINET. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- 13 ALL DEVICES AND COVER PLATES IN TV STUDIO SHALL BE BLACK.
- 14 MONITOR RECEPTACLE. COORDINATE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 15 120V CONNECTION FOR MOTORIZED SCREEN. CONNECT TO LOW VOLTAGE UP/DOWN SWITCH.
- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 17 HANG TRANSFORMER FROM CEILING.



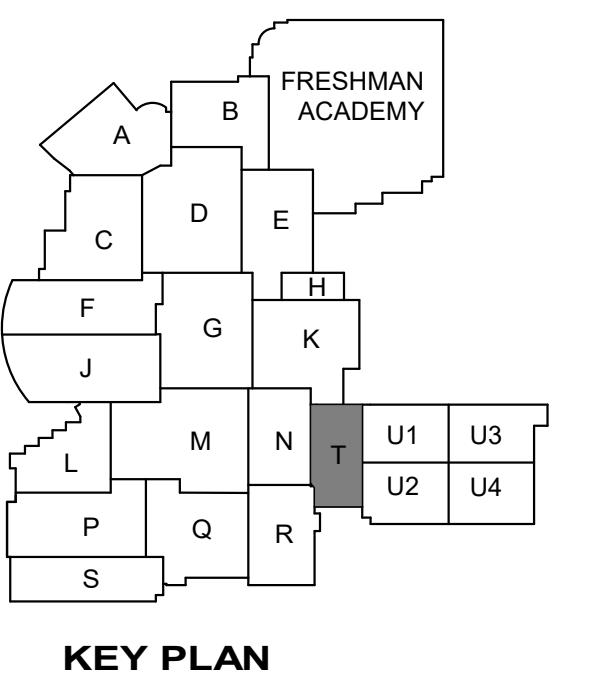
2 FIRST FLOOR POWER PLAN - UNIT T
1/8" = 1'-0"



1 FIRST FLOOR POWER PLAN - UNIT T
1/8" = 1'-0"



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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**FIRST FLOOR POWER PLAN -
UNIT T**

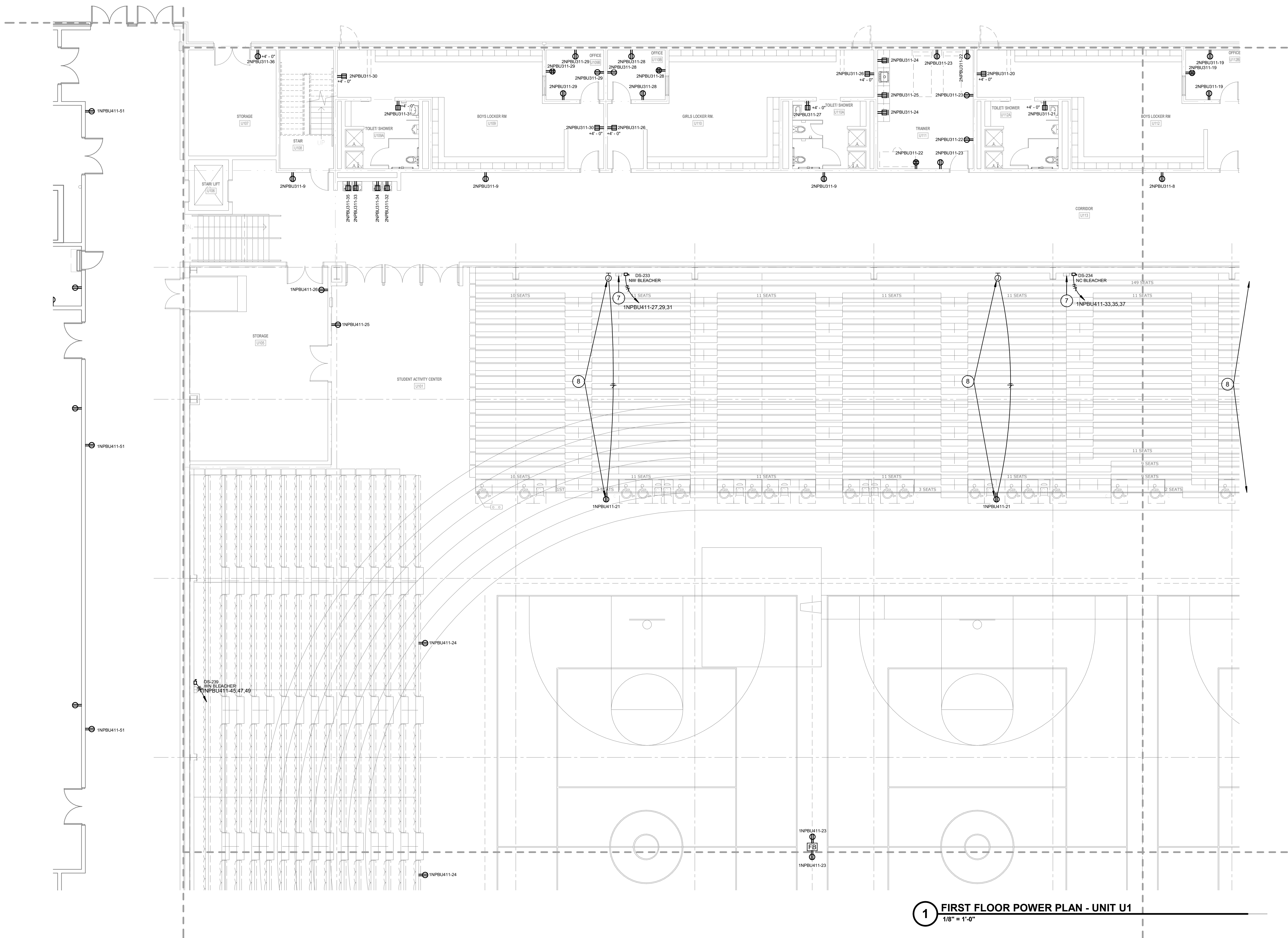
	Project No:	2022063.10
	Project Date:	May 29, 2024
	Drawing No:	EP1T

GENERAL POWER NOTES

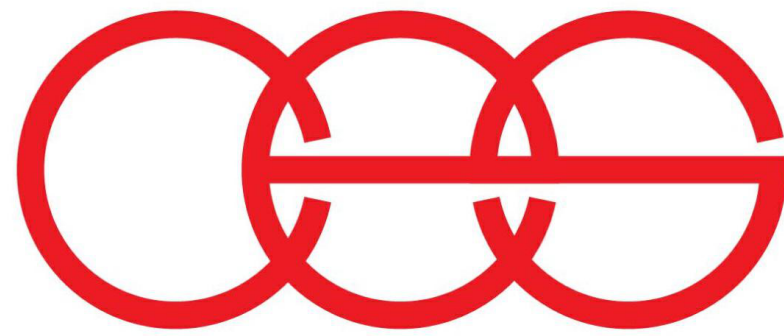
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR AV AND IT WITH TECHNOLOGY DRAWINGS

POWER PLAN NOTES

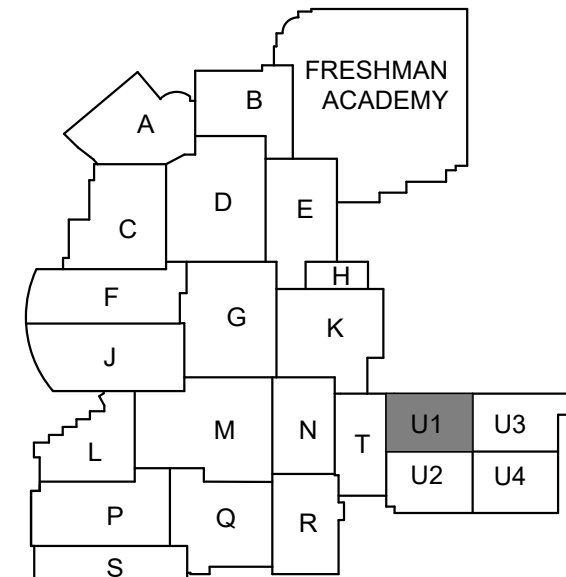
- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
- 3 PROVIDE POWER CONNECTION TO GYM EQUIPMENT. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 4 PROVIDE POWER CONNECTION TO GYM EQUIPMENT OPERATOR STATION. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 5 COORDINATE RECEPTACLE LOCATIONS FOR VIDEO BOARD WITH TECHNOLOGY PROVIDER.
- 6 120V CONNECTION FOR EMERGENCY GAS SHUT OFF CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 22 DRAWINGS.
- 7 12"x12"x6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED, INSTALLED AND WIRED BY MANUFACTURER. INSTALL (1) 3/4"C BETWEEN BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
- 8 PROVIDE DEVICES AS INDICATED IN BLEACHER DETAILS ON E505. PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICES LOCATED ON BLEACHERS.
- 9 POWER CONNECTION TO SCOREBOARD. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
- 10 120V CONNECTION FOR DISHWASHER. COORDINATE WITH CASEWORK.
- 11 PROJECTOR CEILING RECEPTACLE. COORDINATE EXACT LOCATION WITH TECHNOLOGY DRAWINGS.
- 12 120V CONNECTION FOR UNDERCOUNTER DI WATER/COMPRESSED AIR SYSTEMS AND ABOVE COUNTER GOGGLE CABINET. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- 13 ALL DEVICES AND COVER PLATES IN TV STUDIO SHALL BE BLACK.
- 14 MONITOR RECEPTACLE. COORDINATE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 15 120V CONNECTION FOR MOTORIZED SCREEN. CONNECT TO LOW VOLTAGE UP/DOWN SWITCH.
- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 17 HANG TRANSFORMER FROM CEILING.



1 FIRST FLOOR POWER PLAN - UNIT U1
1/8" = 1'-0"

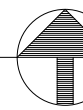


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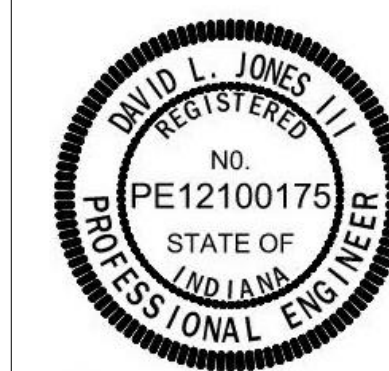
ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

FIRST FLOOR POWER PLAN -
UNIT U.1



Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: EP1U.1

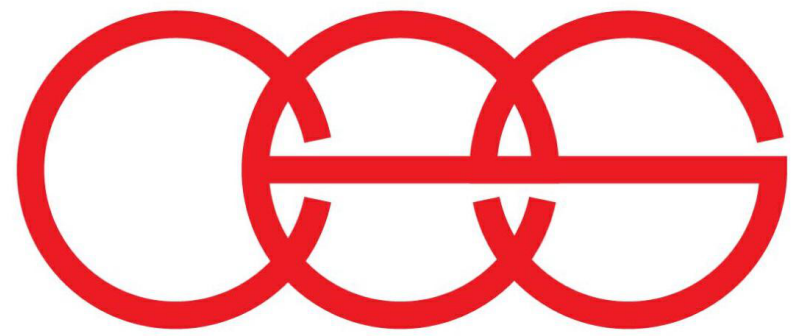
GENERAL POWER NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR A/V AND IT WITH TECHNOLOGY DRAWINGS.

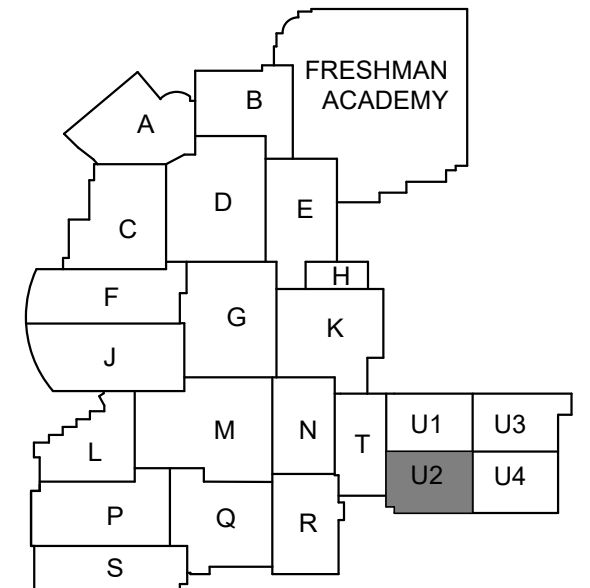
POWER PLAN NOTES

- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
- 3 PROVIDE POWER CONNECTION TO GYM EQUIPMENT. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 4 PROVIDE POWER CONNECTION TO GYM EQUIPMENT OPERATOR STATION. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 5 COORDINATE RECEPTACLE LOCATIONS FOR VIDEO BOARD WITH TECHNOLOGY PROVIDER.
- 6 120V CONNECTION FOR EMERGENCY GAS SHUT OFF CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 22 DRAWINGS.
- 7 12"x12"x8" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED. INSTALLED AND WIRED BY MANUFACTURER. INSTALL (1) 3/4" C BETWEEN BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
- 8 PROVIDE DEVICES AS INDICATED IN BLEACHER DETAILS ON E005. PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICES LOCATED ON BLEACHERS.
- 9 POWER CONNECTION TO SCOREBOARD. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
- 10 120V CONNECTION FOR DISHWASHER. COORDINATE WITH CASEWORK.
- 11 PROJECTOR CEILING RECEPTACLE. COORDINATE EXACT LOCATION WITH TECHNOLOGY DRAWINGS.
- 12 120V CONNECTION FOR UNDERCOUNTER DI WATER/COMPRESSED AIR SYSTEMS AND ABOVE COUNTER GOGGLE CABINET. COORDIANTE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- 13 ALL DEVICES AND COVER PLATES IN TV STUDIO SHALL BE BLACK.
- 14 MONITOR RECEPTACLE. COORDINATE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 15 120V CONNECTION FOR MOTORIZED SCREEN. CONNECT TO LOW VOLTAGE UP/DOWN SWITCH.
- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 17 HANG TRANSFORMER FROM CEILING.

#	Revision	Date
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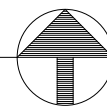


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ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

FIRST FLOOR POWER PLAN -
UNIT U.2



Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: EP1U.2

Project No: 2022063.10

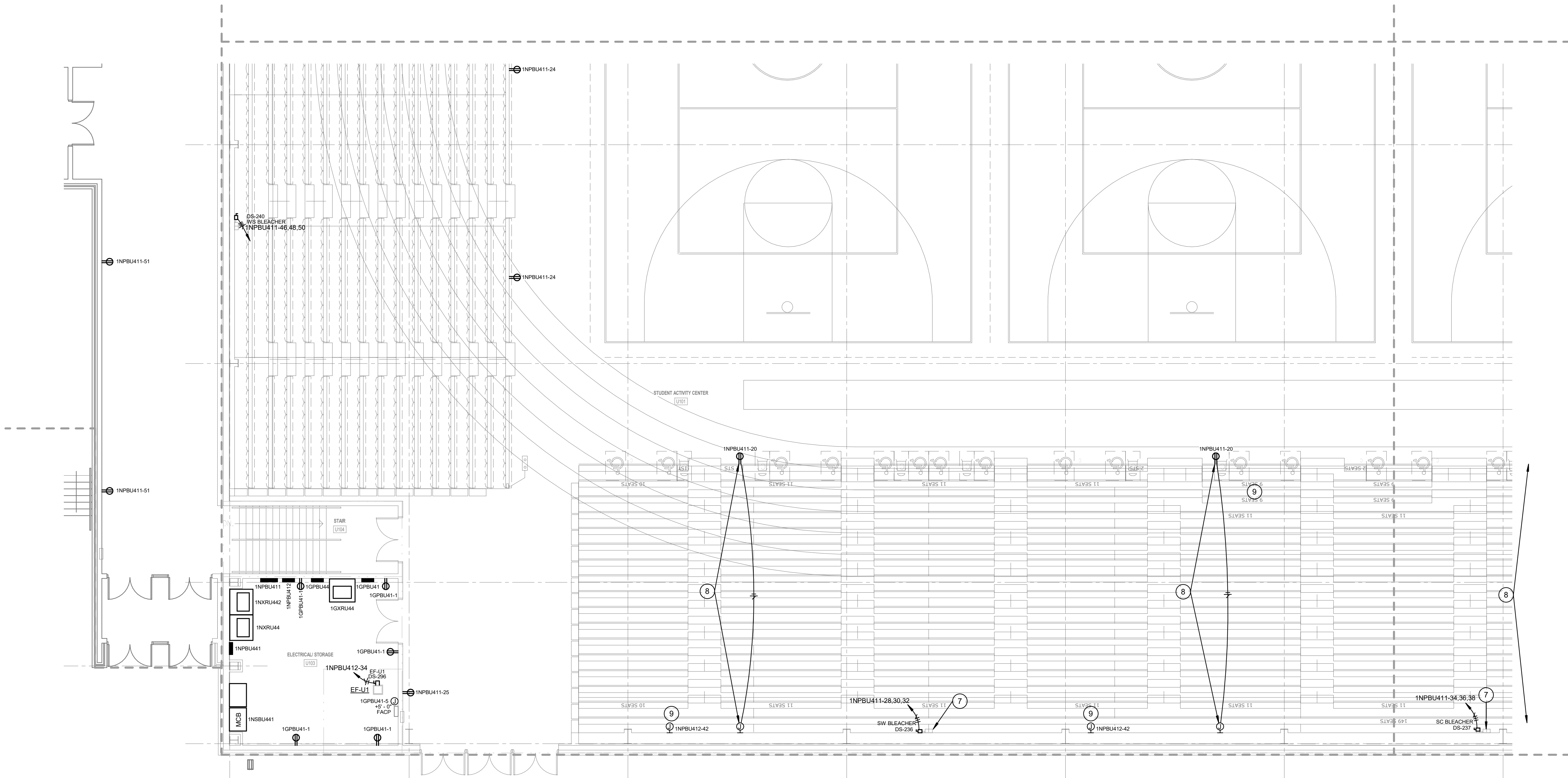
Project Date: May 29, 2024

Drawing No:

EP1U.2

1 FIRST FLOOR POWER PLAN - UNIT U2

1/8" = 1'-0"



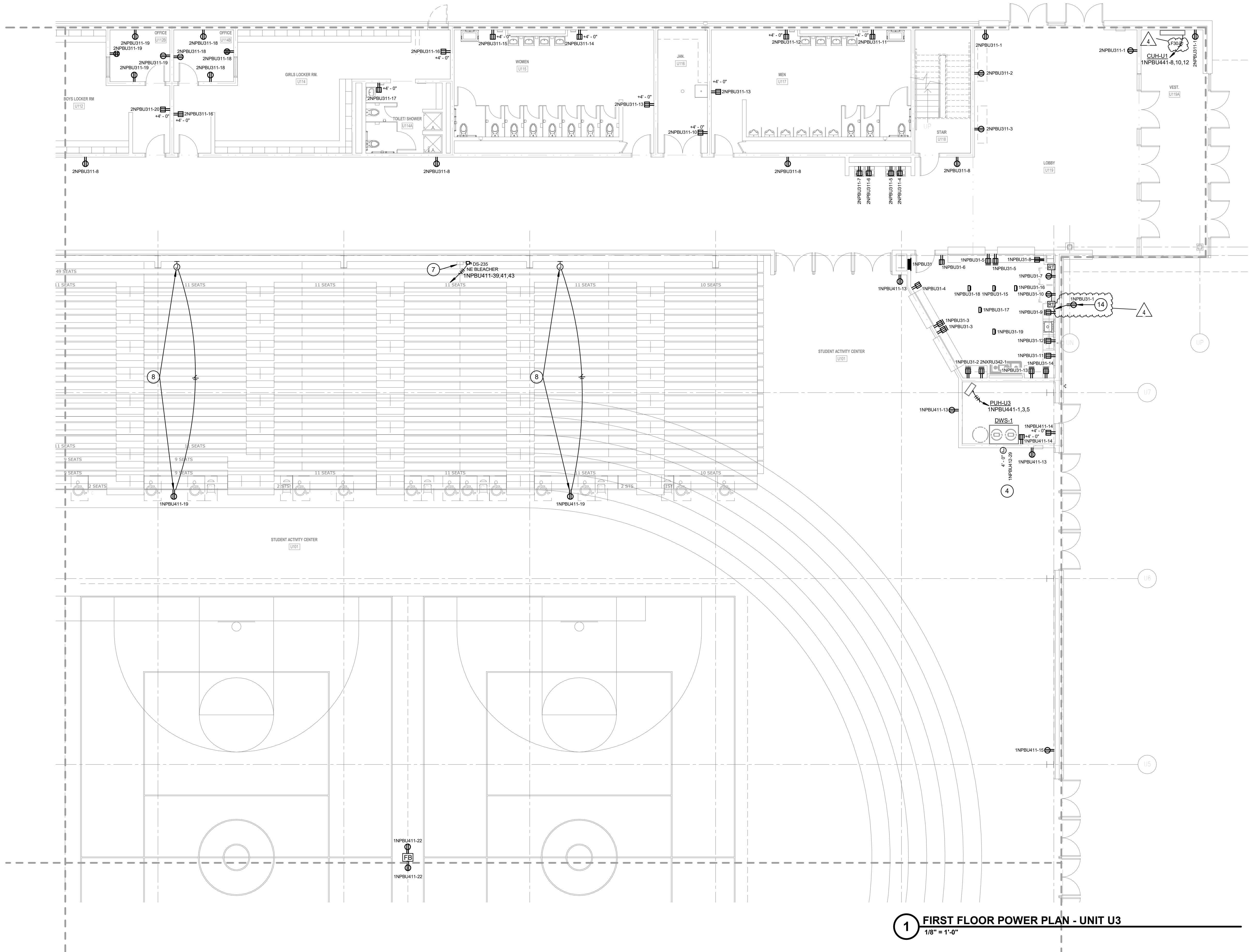
GENERAL POWER NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR AV AND IT WITH TECHNOLOGY DRAWINGS.

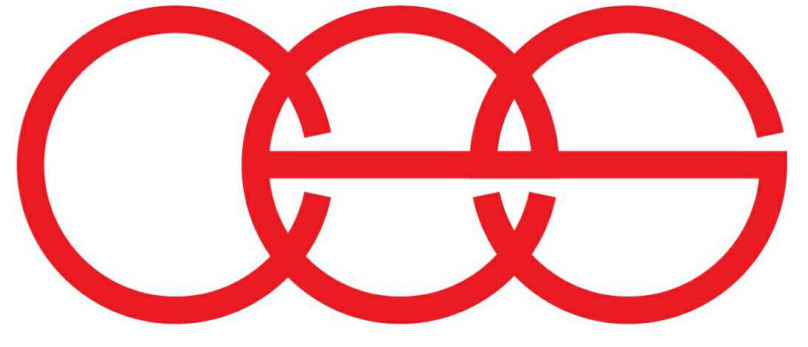
POWER PLAN NOTES

- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
3 PROVIDE POWER CONNECTION TO GYM EQUIPMENT. COORDINATE LOCATION WITH GYM EQUIPMENT.
4 PROVIDE POWER CONNECTION TO GYM EQUIPMENT OPERATOR STATION. COORDINATE LOCATION WITH GYM EQUIPMENT.
5 COORDINATE RECEPTACLE LOCATIONS FOR VIDEO BOARD WITH TECHNOLOGY PROVIDER.
6 120V CONNECTION FOR EMERGENCY GAS SHUT OFF CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 22 DRAWINGS.
7 12"x12"x6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED. INSTALLED AND WIRED BY MANUFACTURER. INSTALL (1) 3/4" C BETWEEN BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
8 PROVIDE DEVICES AS INDICATED IN BLEACHER DETAILS ON E505. PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICES LOCATED ON BLEACHERS.
9 POWER CONNECTION TO SCOREBOARD. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
10 120V CONNECTION FOR DISHWASHER. COORDINATE WITH CASEWORK.
11 PROJECTOR CEILING RECEPTACLE. COORDINATE EXACT LOCATION WITH TECHNOLOGY DRAWINGS.
12 120V CONNECTION FOR UNDERCOUNTER DI WATER/COMPRESSED AIR SYSTEMS AND ABOVE COUNTER GOGGLE CABINET. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
13 ALL DEVICES AND COVER PLATES IN TV STUDIO SHALL BE BLACK.
14 MONITOR RECEPTACLE. COORDINATE ELEVATION WITH TECHNOLOGY DRAWINGS.
15 120V CONNECTION FOR MOTORIZED SCREEN. CONNECT TO LOW VOLTAGE UP/DOWN SWITCH.
16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
17 HANG TRANSFORMER FROM CEILING.

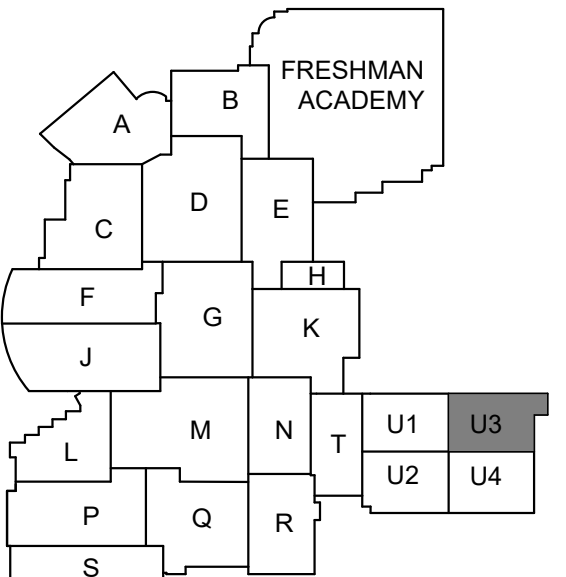
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR POWER PLAN - UNIT U3
1/8" = 1'-0"



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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR POWER PLAN -
UNIT U3**

	Project No:	2022063.10
	Project Date:	May 29, 2024
	Drawing No:	EP1U.3

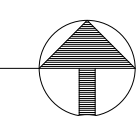
#	Revision	Date
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○ POWER PLAN NOTES

- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20/30°C CIRCUIT BREAKER, MATCH KAIC WIRING OF PANELBACK.
- 3 PROVIDE POWER CONNECTION TO GYM EQUIPMENT. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 4 PROVIDE POWER CONNECTION TO GYM EQUIPMENT OPERATOR STATION. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 5 COORDINATE RECEPTACLE LOCATIONS FOR VIDEO BOARD WITH TECHNOLOGY PROVIDER.
- 6 PROVIDE CONNECTION FOR EMERGENCY GSA SHUT OFF CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 22 DRAWINGS.
- 7 12"X12"X6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO CL. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. ELECTRICAL WIRING AND CONTROLLERS ARE PROVIDED, INSTALLED AND WIRED BY MANUFACTURER. INSTALL 1/31/4" BETWEEN BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
- 8 PROVIDE DEVICES AS INDICATED IN BLEACHER DETAILS ON E505. PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICES LOCATED ON BLEACHERS.
- 9 POWER CONNECTION TO SCOREBOARD. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
- 10 120V CONNECTION FOR DISHWASHER. COORDINATE WITH CASEWORK.
- 11 PROJECTOR CEILING RECEPTACLE. COORDINATE EXACT LOCATION WITH TECHNOLOGY DRAWINGS.
- 12 PROVIDE CONNECTIONS TO UNDERGROUND DI WATER/COMPRESSED AIR SYSTEMS AND ABOVE COUNTER GYM CABINET. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- 13 ALL DEVICES AND EQUIPMENT SITES IN TV STUDIO SHALL BE BLACK.
- 14 MONITOR RECEPTACLE. COORDINATE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 15 120V CONNECTION FOR MOTORIZED SCENERY. CONNECT TO LOW VOLTAGE (2080V) SWITCH.
- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS. HANG TRANSFORMER FROM CEILING.



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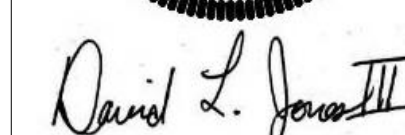
ADDITION & RENOVATIONS TO:

**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

FIRST FLOOR POWER PLAN -
UNIT U.4



Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

EP1U.4

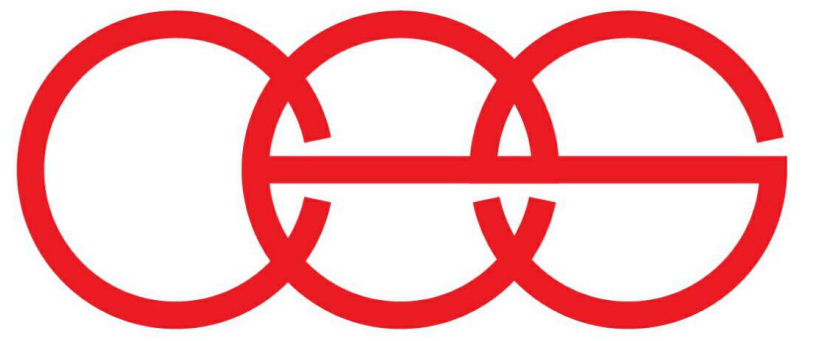
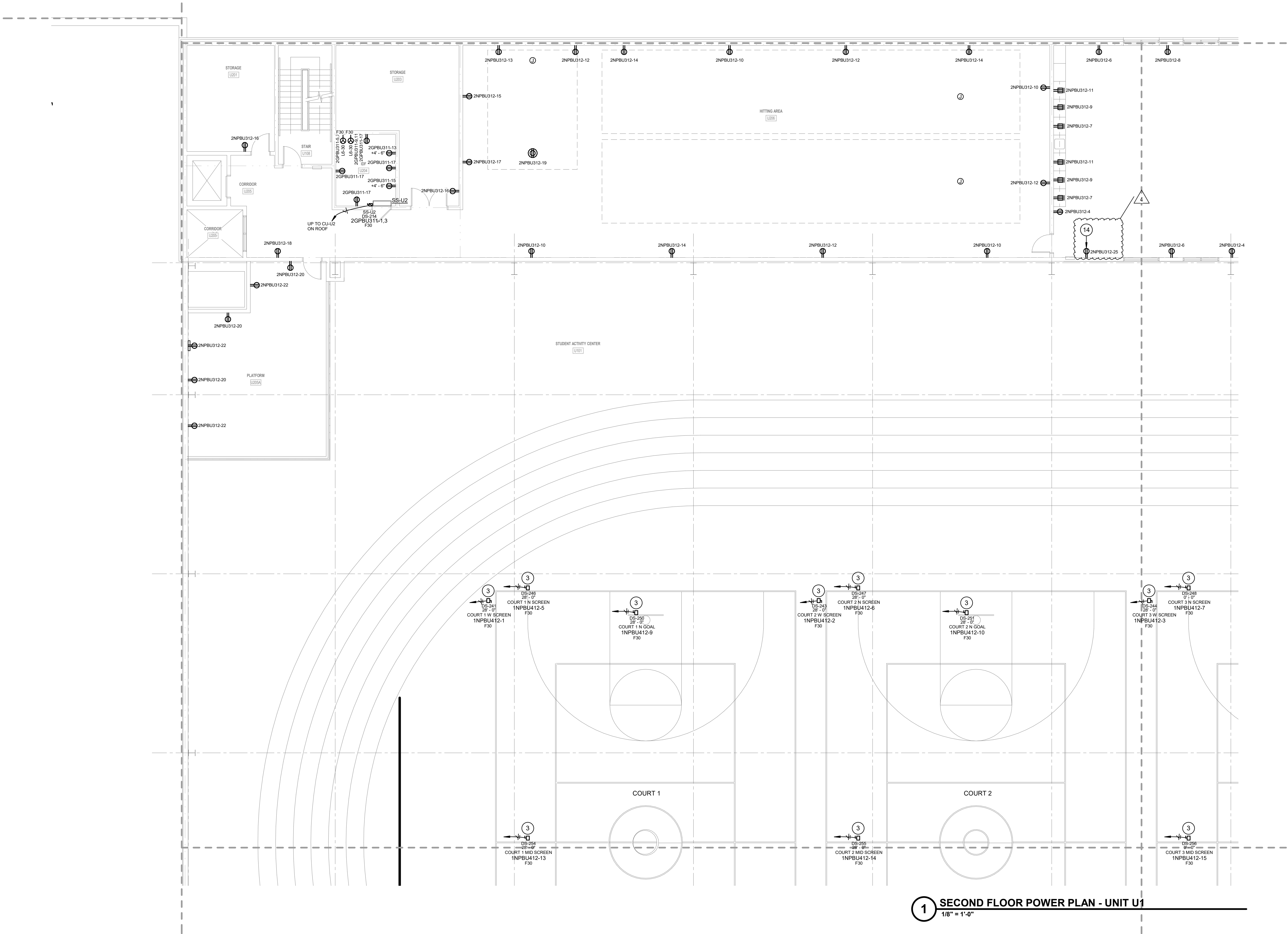
GENERAL POWER NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR A/V AND IT WITH TECHNOLOGY DRAWINGS.

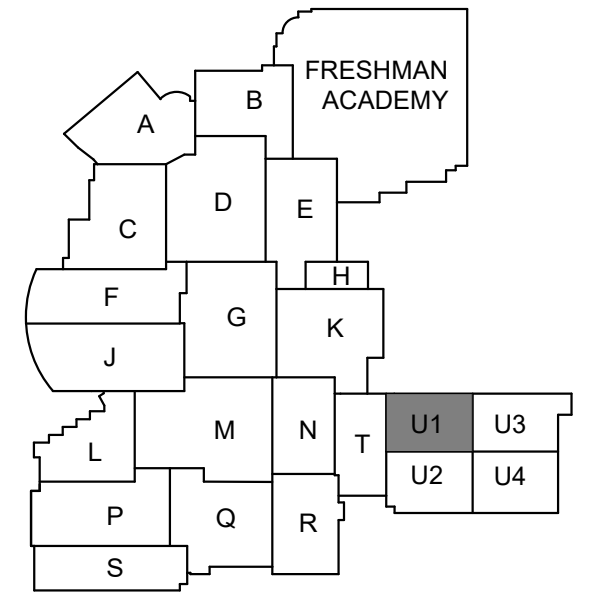
POWER PLAN NOTES

- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
- 3 PROVIDE POWER CONNECTION TO GYM EQUIPMENT. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 4 PROVIDE POWER CONNECTION TO GYM EQUIPMENT OPERATOR STATION. COORDINATE LOCATION WITH GYM EQUIPMENT.
- 5 COORDINATE RECEPTACLE LOCATIONS FOR VIDEO BOARD WITH TECHNOLOGY PROVIDER.
- 6 120V CONNECTION FOR EMERGENCY GAS SHUT OFF CONTROL PANEL. COORDINATE EXACT LOCATION WITH DIVISION 22 DRAWINGS.
- 7 12"x12"x6" JUNCTION BOX FOR MOTORIZED BLEACHERS. INSTALL BOX AT 5'-0" A.F.F. TO C.L. INSTALL IN LOCATION AS RECOMMENDED BY BLEACHER MANUFACTURER. CONTACTORS AND CONTROLLERS ARE PROVIDED, INSTALLED AND WIRED BY MANUFACTURER. INSTALL (1) 3/4" C BETWEEN BOX AND ADJACENT DISCONNECT SWITCH. CONNECT COMPLETE.
- 8 PROVIDE DEVICES AS INDICATED IN BLEACHER DETAILS ON E505. PROVIDE FLEXIBLE WIRING FROM OUTLET BOX ON WALL TO DEVICES LOCATED ON BLEACHERS.
- 9 POWER CONNECTION TO SCOREBOARD. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
- 10 120V CONNECTION FOR DISHWASHER. COORDINATE WITH CASEWORK.
- 11 PROJECTOR CEILING RECEPTACLE. COORDINATE EXACT LOCATION WITH TECHNOLOGY DRAWINGS.
- 12 120V CONNECTION FOR UNDERCOUNTER DI WATER/COMPRESSED AIR SYSTEMS AND ABOVE COUNTER GOGGLE CABINET. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- 13 ALL DEVICES AND COVER PLATES IN TV STUDIO SHALL BE BLACK.
- 14 MONITOR RECEPTACLE. COORDINATE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 15 120V CONNECTION FOR MOTORIZED SCREEN. CONNECT TO LOW VOLTAGE UP/DOWN SWITCH.
- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 17 HANG TRANSFORMER FROM CEILING.

#	Revision	Date
4	ADDENDUM #4	06.24.2024



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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**SECOND FLOOR POWER PLAN -
UNIT U.1**

	Project No:	2022063.10
	Project Date:	May 29, 2024
	Drawing No:	EP2U.1

David L. Jones

EP2U.1

1 SECOND FLOOR POWER PLAN - UNIT U.1
1/8" = 1'-0"

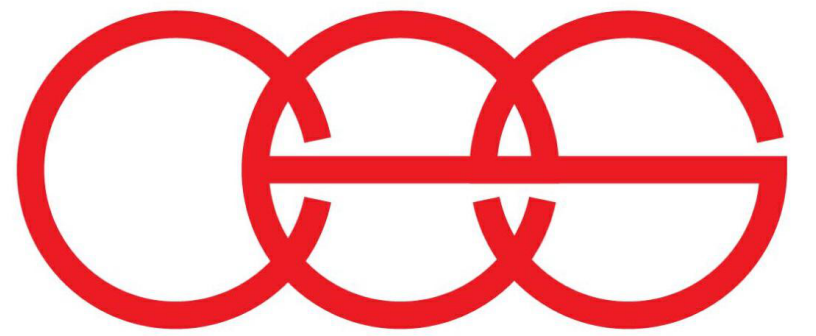
GENERAL POWER NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR A/V AND IT WITH TECHNOLOGY DRAWINGS.

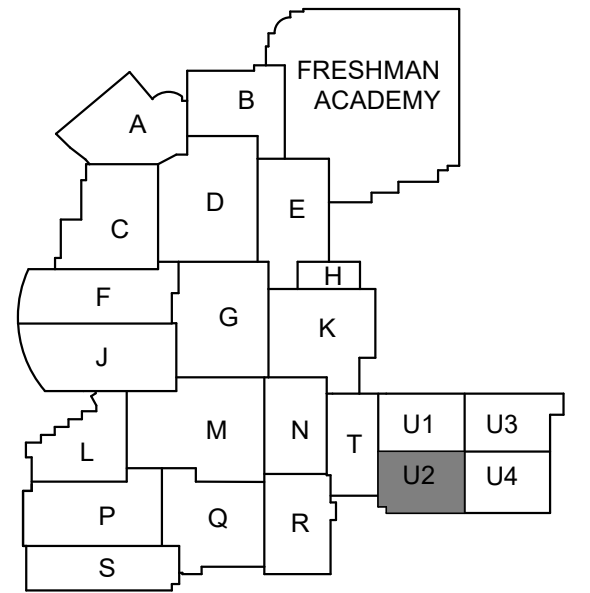
POWER PLAN NOTES

- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
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- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 17 HANG TRANSFORMER FROM CEILING.

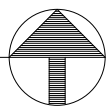
#	Revision	Date
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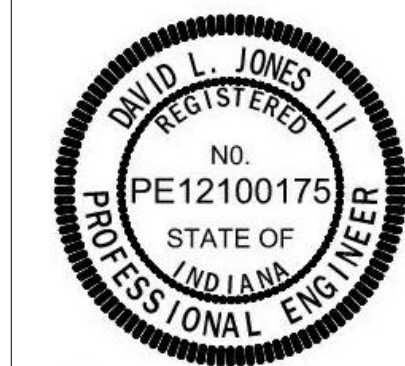
ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

SECOND FLOOR POWER PLAN -
UNIT U.2



David L. Jones

Project No: 2022063.10

Project Date:

May 29, 2024

Drawing No:

EP2U.2

1 SECOND FLOOR POWER PLAN - UNIT U2

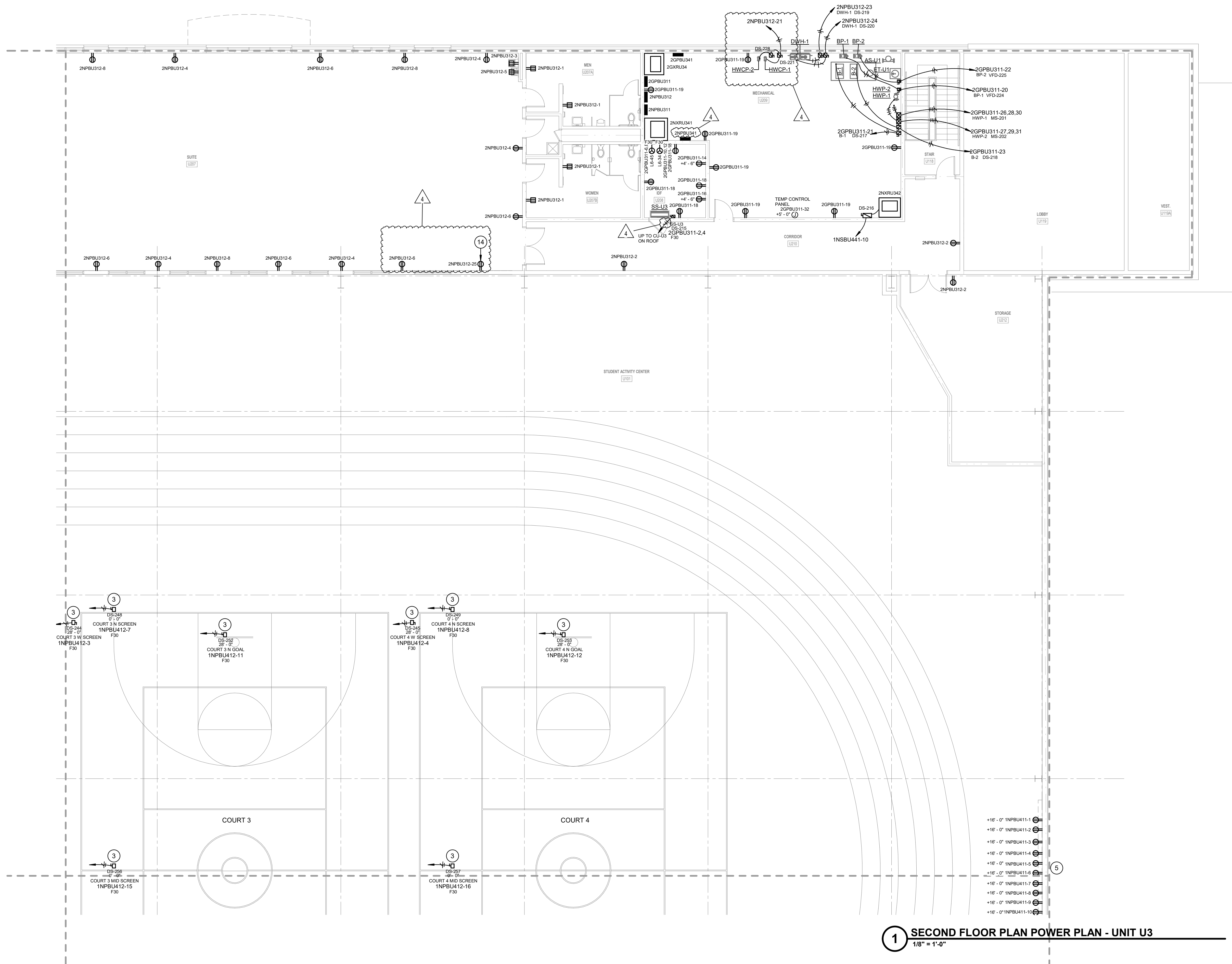
1/8" = 1'-0"

GENERAL POWER NOTES

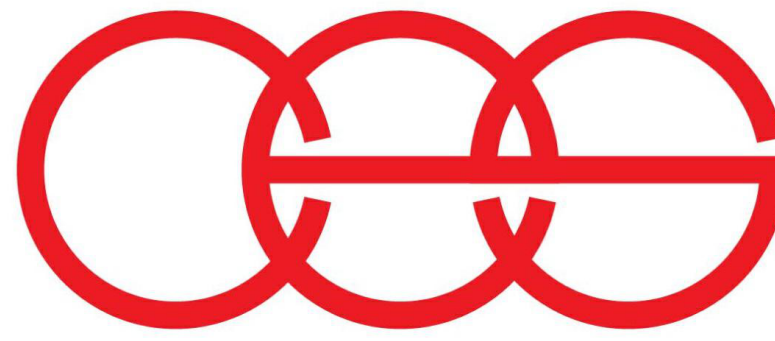
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR A/V AND IT WITH TECHNOLOGY DRAWINGS.

POWER PLAN NOTES

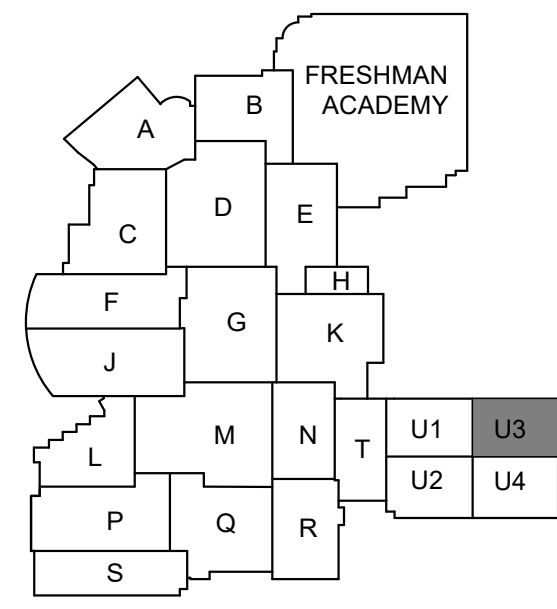
- 1 PROVIDE CONDUIT AND CONDUCTORS TO PANELBOARD INDICATED.
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- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 17 HANG TRANSFORMER FROM CEILING.



1 SECOND FLOOR PLAN POWER PLAN - UNIT U3
1/8" = 1'-0"



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ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

SECOND FLOOR POWER PLAN - UNIT U3



Project No: 2022063.10
Project Date: May 29, 2024

Project No: 2022063.10

Project Date: May 29, 2024

Drawing No:

EP2U.3

David L. Jones

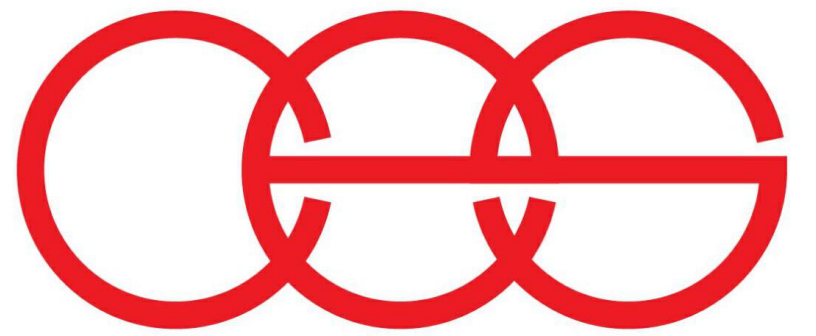
GENERAL POWER NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR A/V AND IT WITH TECHNOLOGY DRAWINGS.

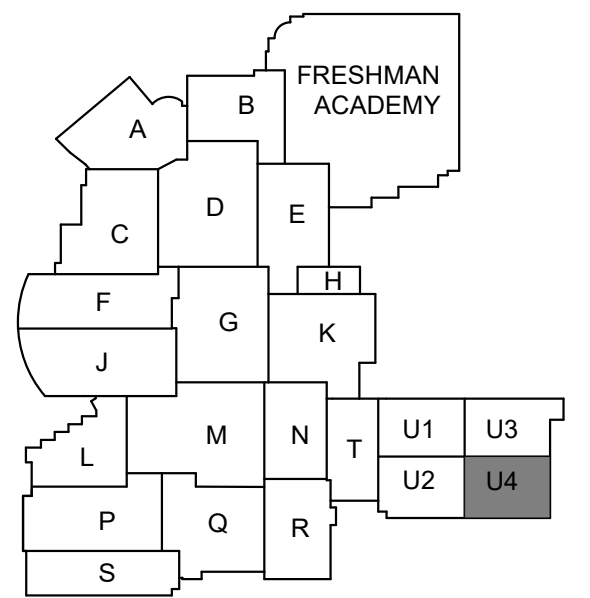
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- 16 COORDINATE RACK RECEPTACLE ELEVATION WITH TECHNOLOGY DRAWINGS.
- 17 HANG TRANSFORMER FROM CEILING.

#	Revision	Date
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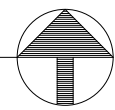


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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**SECOND FLOOR POWER PLAN -
UNIT U.4**



David L. Jones

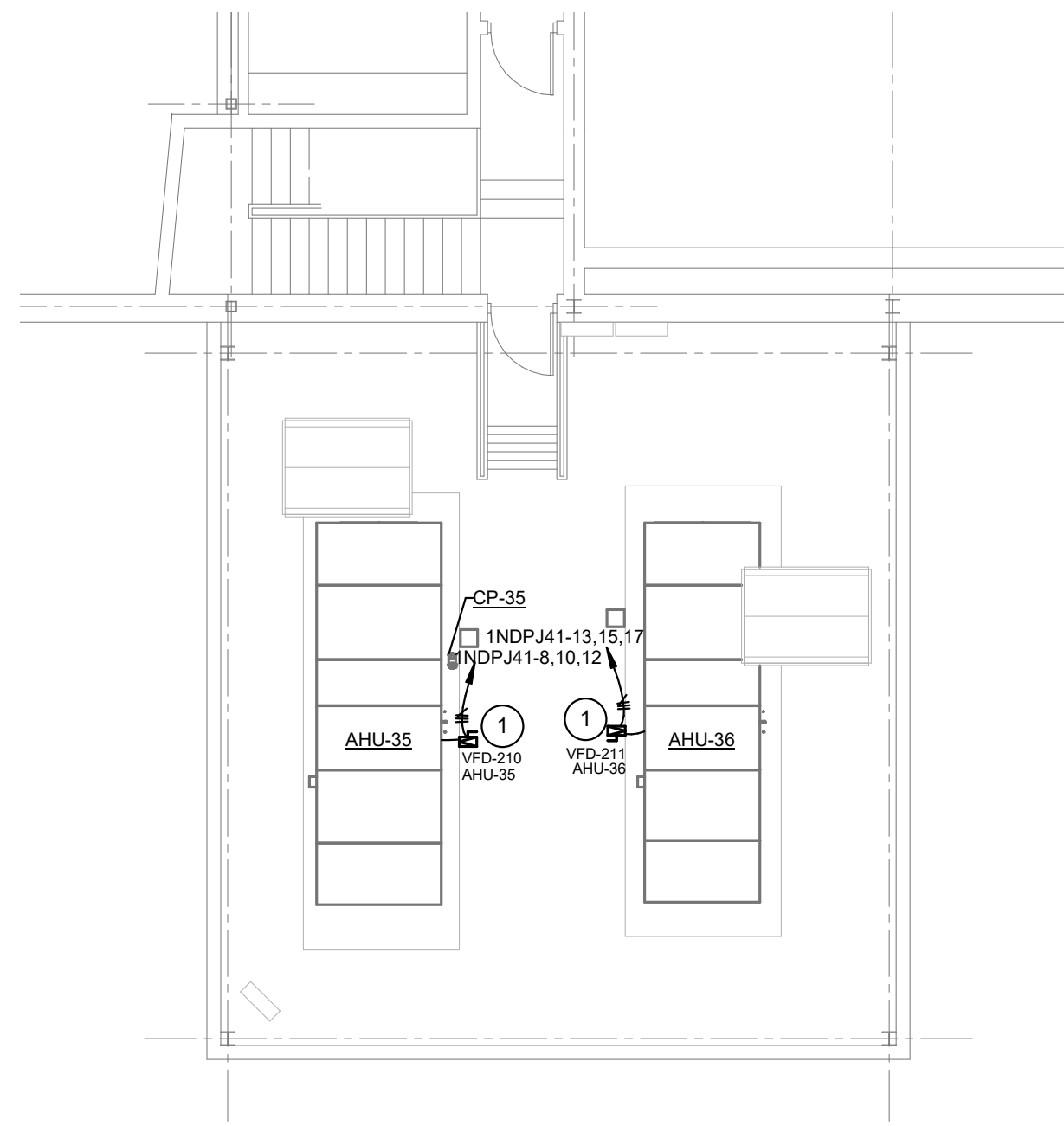
Project No: 2022063.10

Project Date:
May 29, 2024

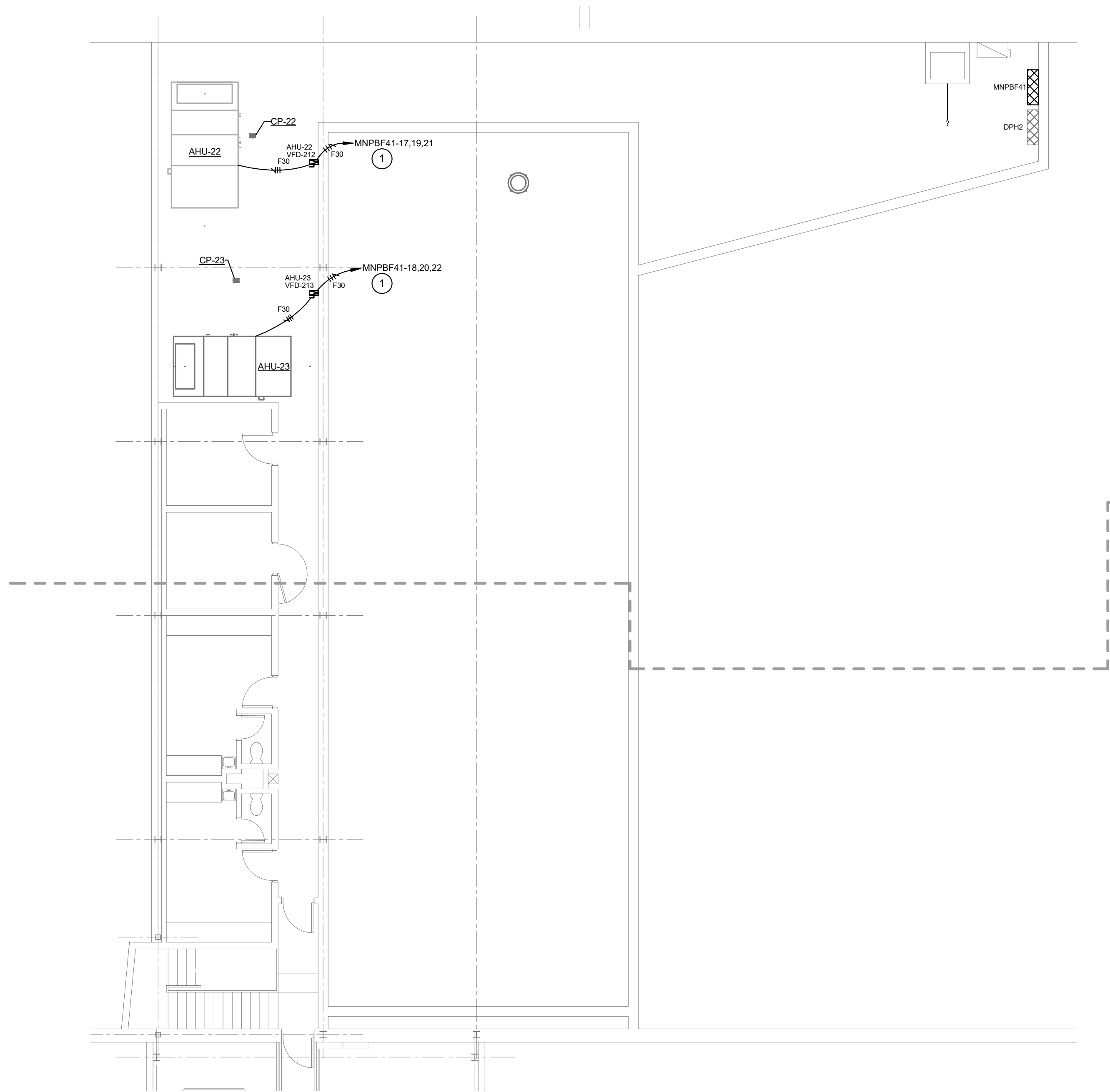
Drawing No:

EP2U.4

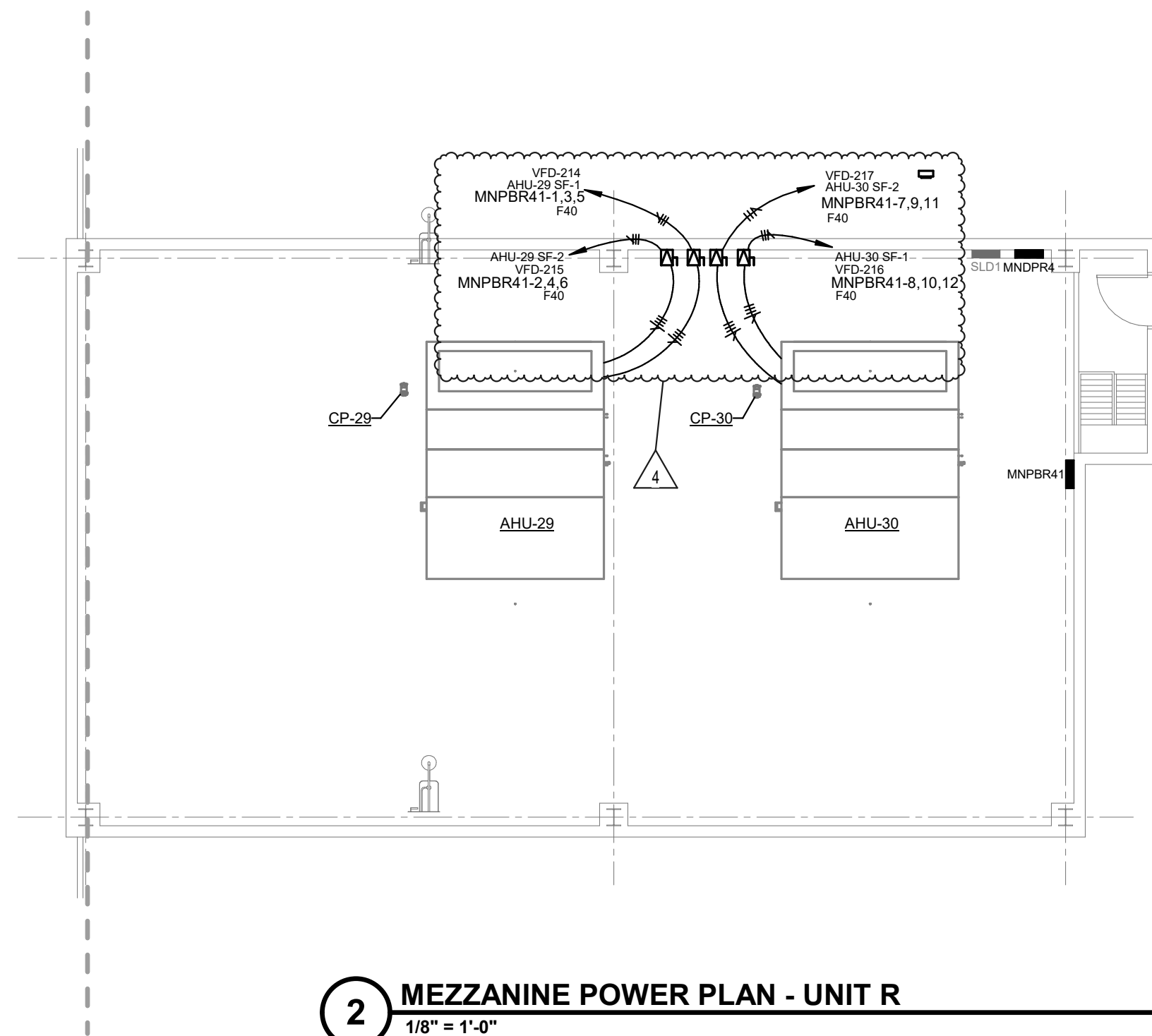
1 SECOND FLOOR POWER PLAN - UNIT U4
1/8" = 1'-0"



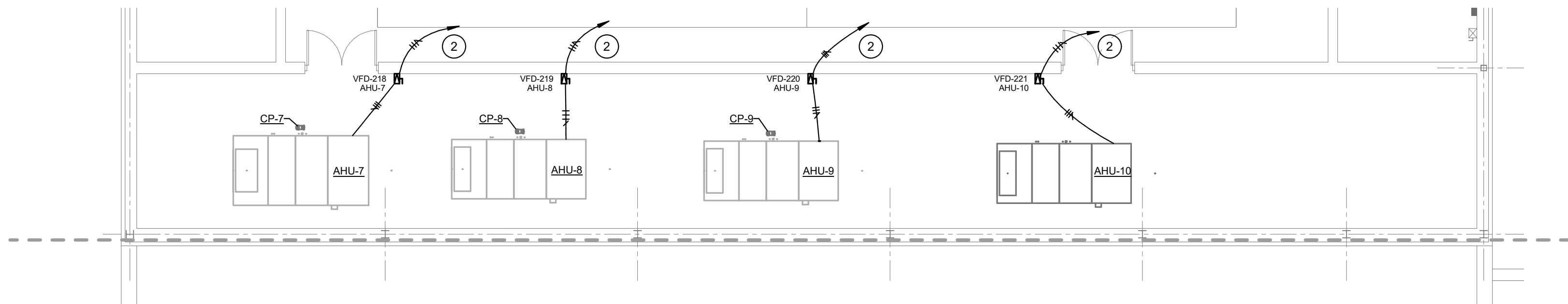
4 MEZZANINE POWER PLAN - UNIT J
1/8" = 1'-0"



3 MEZZANINE POWER PLAN - UNIT F
1/8" = 1'-0"



2 MEZZANINE POWER PLAN - UNIT R
1/8" = 1'-0"



1 MEZZANINE POWER PLAN - UNIT G
1/8" = 1'-0"

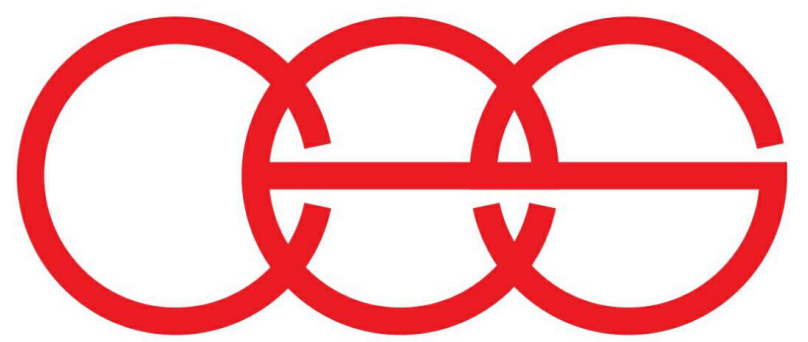
GENERAL POWER NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE LOCATIONS AND REQUIREMENTS FOR A/V AND IT WITH TECHNOLOGY DRAWINGS.

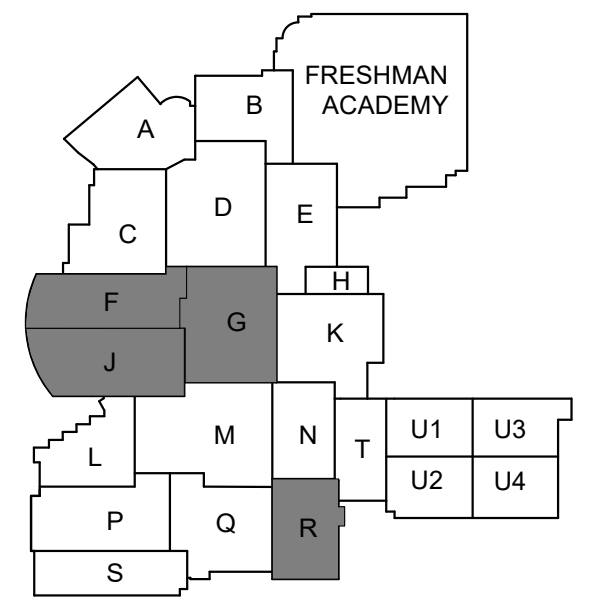
POWER PLAN NOTES

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- 2 PROVIDE CONDUIT AND CONDUCTORS TO EXISTING PANELBOARD THAT SERVED MECHANICAL EQUIPMENT. PROVIDE 20A/3P CIRCUIT BREAKER. MATCH KAIC RATING OF PANELBOARD.
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#	Revision	Date
4	ADDENDUM #4	06.24.2024

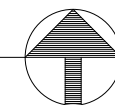


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ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

MEZZANINE POWER PLANS



David L. Jones

Project No: 2022063.10

Project Date:

May 29, 2024

Drawing No:

EP2X

REFER TO FOOD SERVICE DRAWINGS FOR
EQUIPMENT CONNECTION TYPE, ELEVATION AND
EXACT LOCATION.

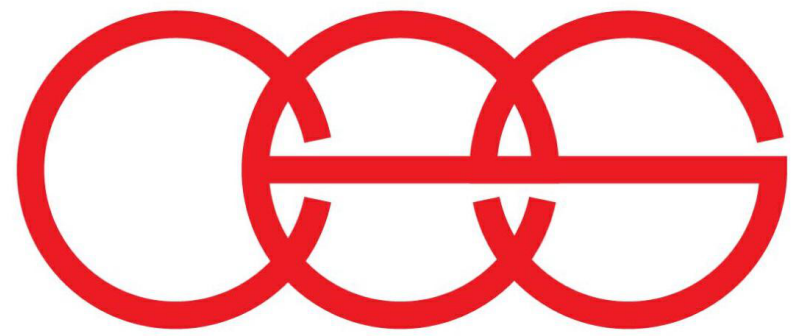
GENERAL ROOF NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE ROOF PENETRATIONS WITH ROOFING CONTRACTOR AND MECHANICAL CONTRACTOR.

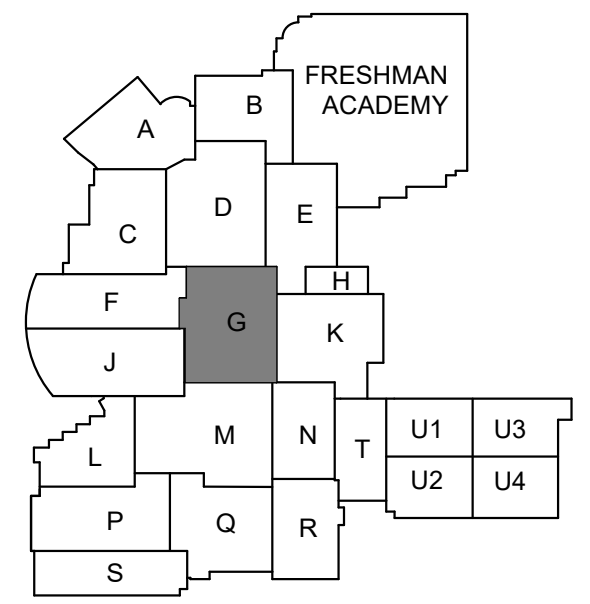
ROOF PLAN NOTES

- 1 PROVIDE INTERNAL AND EXTERNAL CONDUIT SEALS. ROUTE CONDUIT INSIDE OF MECHANICAL CURB. COORDINATE ROUTING WITH MECHANICAL CONTRACTOR.
2 DOWN TO VFD LOCATED IN ROOM ADJACENT ELECTRICAL ROOM IN UNIT N.
3 CONNECT TO PANELBOARD '12G3' IN ELECTRICAL CLOSET DIRECTLY BELOW UNIT. SEE UNIT K POWER PLAN FOR LOCATION. PROVIDE A 2P-20A BREAKER AT POLE 40/42.

#	Revision	Date
4	ADDENDUM #4	06.24.2024

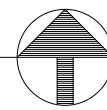


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ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

ROOF POWER PLAN - UNIT G



David L. Jones

Project No: 2022063.10

Project Date:

May 29, 2024

Drawing No:

EPRG

1 ROOF POWER PLAN - UNIT G

1/8" = 1'-0"

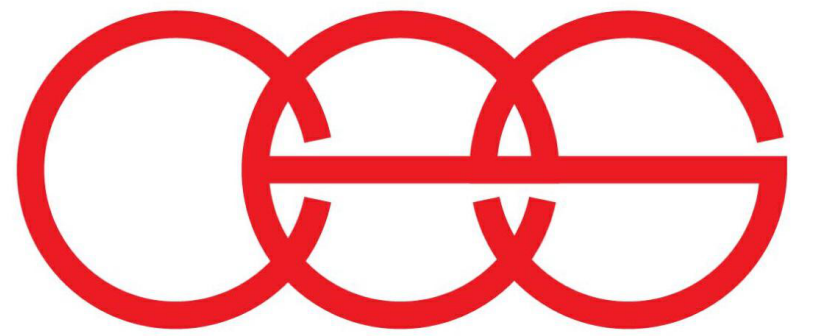
GENERAL ROOF NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
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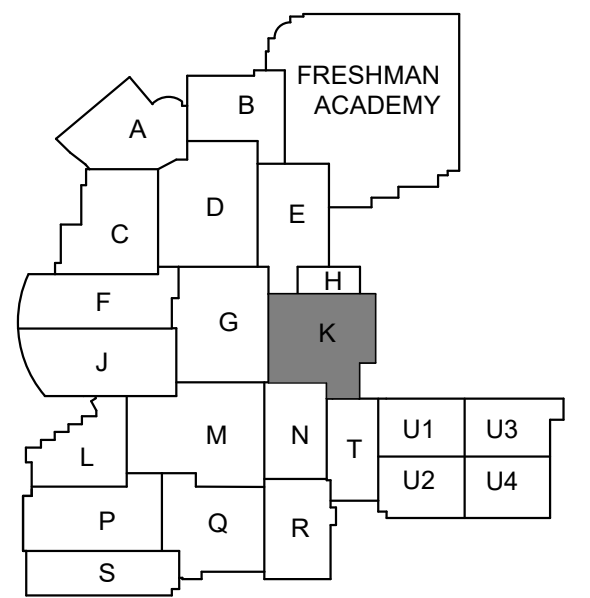
ROOF PLAN NOTES

- 1 PROVIDE INTERNAL AND EXTERNAL CONDUIT SEALS. ROUTE CONDUIT INSIDE OF MECHANICAL CURB. COORDINATE ROUTING WITH MECHANICAL CONTRACTOR.
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3 CONNECT TO PANELBOARD '12G3' IN ELECTRICAL CLOSET DIRECTLY BELOW UNIT. SEE UNIT K POWER PLAN FOR LOCATION. PROVIDE A 2P-20A BREAKER AT POLE 40.42.

#	Revision	Date
4	ADDENDUM #4	06.24.2024



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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

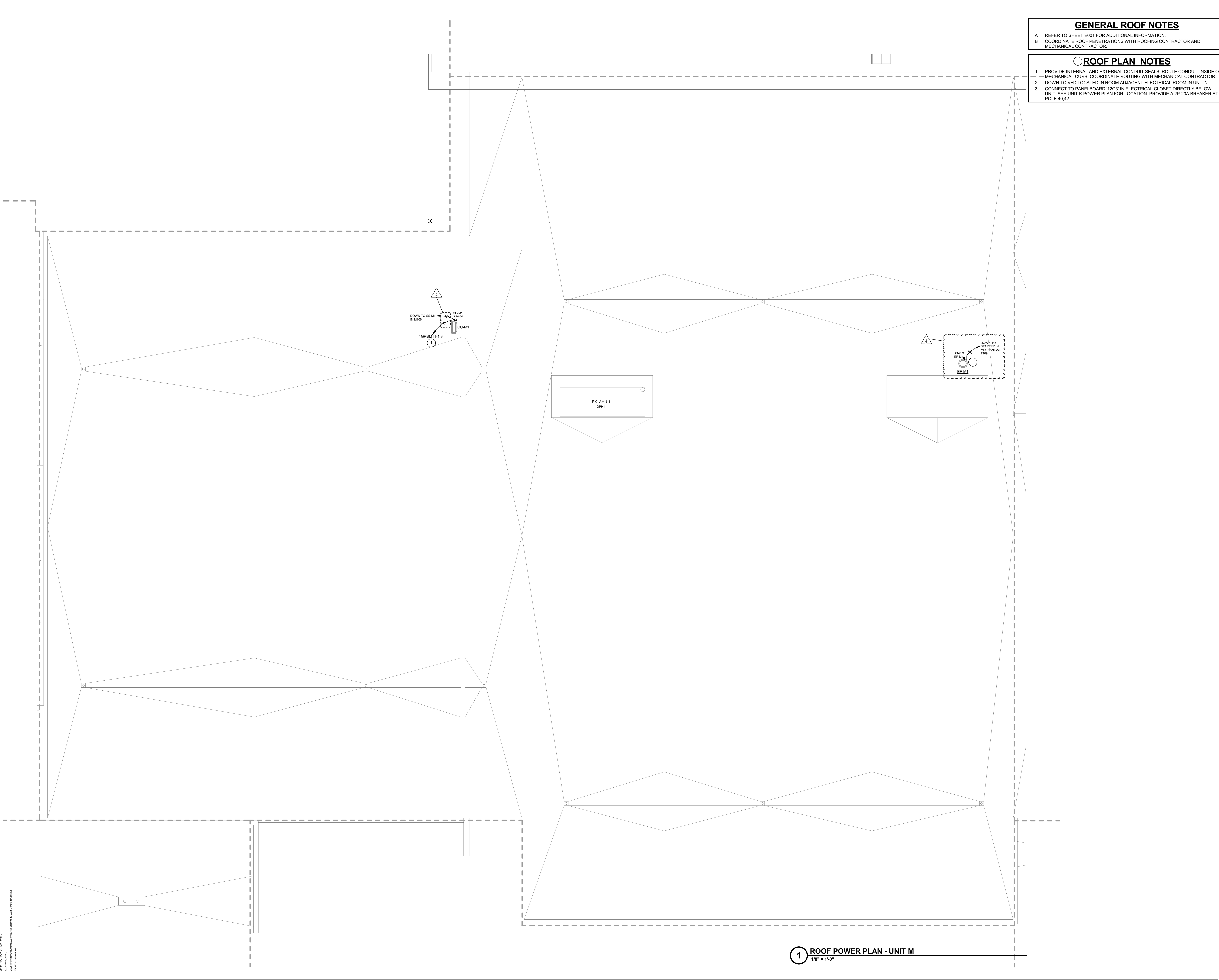
Drawing Title:
ROOF POWER PLAN - UNIT K



Project No: 2022063.10
Project Date: May 29, 2024
Drawing No:

EPRK

1 ROOF POWER PLAN - UNIT K
1/8" = 1'-0"

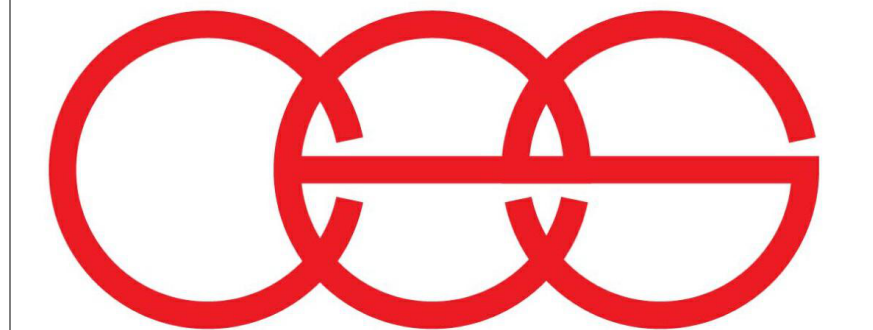


- GENERAL ROOF NOTES**

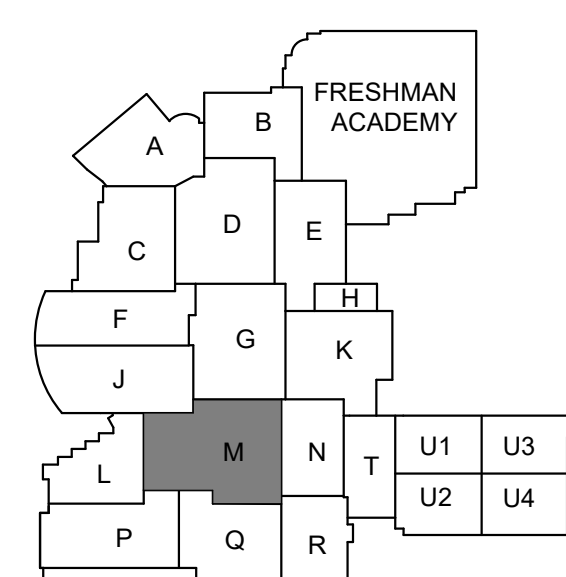
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B COORDINATE ROOF PENETRATIONS WITH ROOFING CONTRACTOR AND MECHANICAL CONTRACTOR.
- ROOF PLAN NOTES**

1 PROVIDE INTERNAL AND EXTERNAL CONDUIT SEALS. ROUTE CONDUIT INSIDE OF MECHANICAL CURB. COORDINATE ROUTING WITH MECHANICAL CONTRACTOR.
2 DOWN TO VFD LOCATED IN ROOM ADJACENT ELECTRICAL ROOM IN UNIT N.
3 CONNECT TO PANELBOARD '12G3' IN ELECTRICAL CLOSET DIRECTLY BELOW UNIT. SEE UNIT K POWER PLAN FOR LOCATION. PROVIDE A 2P-20A BREAKER AT POLE 40/42.

#	Revision	Date
4	ADDENDUM #4	06.24.2024



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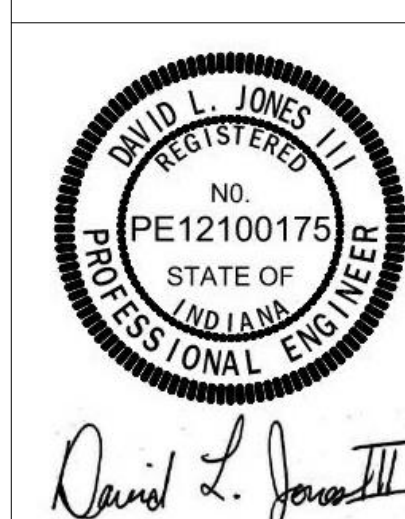
KEY PLAN

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ADDITION & RENOVATIONS TO:
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PHASE 2B
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
ROOF POWER PLAN - UNIT M



Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: EPRM

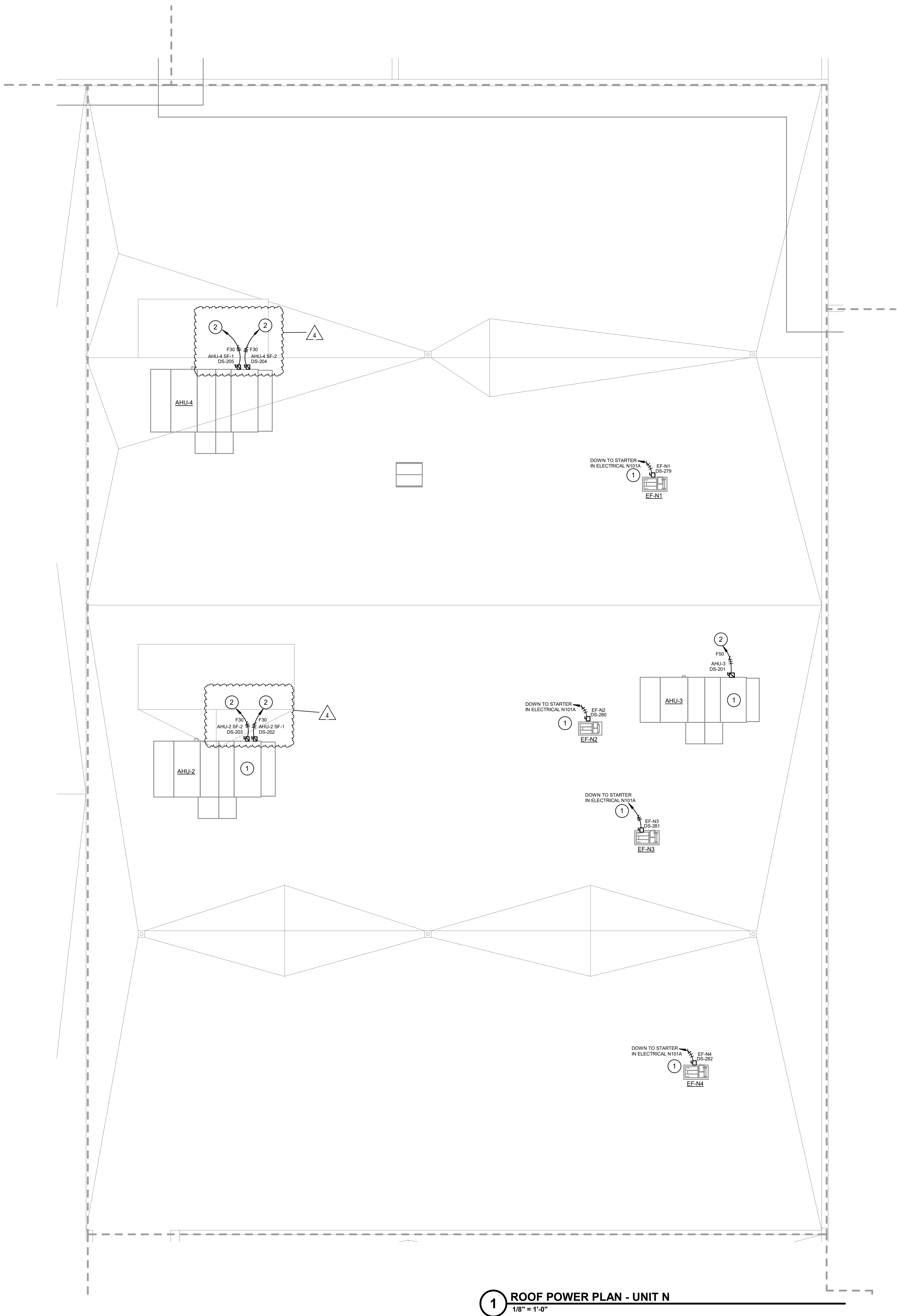
GENERAL ROOF NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE ROOF PENETRATIONS WITH ROOFING CONTRACTOR AND MECHANICAL CONTRACTOR.

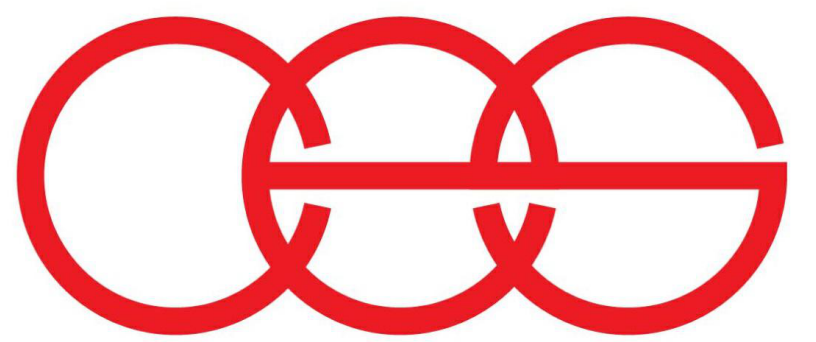
ROOF PLAN NOTES

- 1 PROVIDE INTERNAL AND EXTERNAL CONDUIT SEALS. ROUTE CONDUIT INSIDE OF MECHANICAL CURB. COORDINATE ROUTING WITH MECHANICAL CONTRACTOR.
2 DOWN TO VFD LOCATED IN ROOM ADJACENT ELECTRICAL ROOM IN UNIT N.
3 CONNECT TO PANELBOARD '12G3' IN ELECTRICAL CLOSET DIRECTLY BELOW UNIT. SEE UNIT K POWER PLAN FOR LOCATION. PROVIDE A 2P-20A BREAKER AT POLE 40.42.

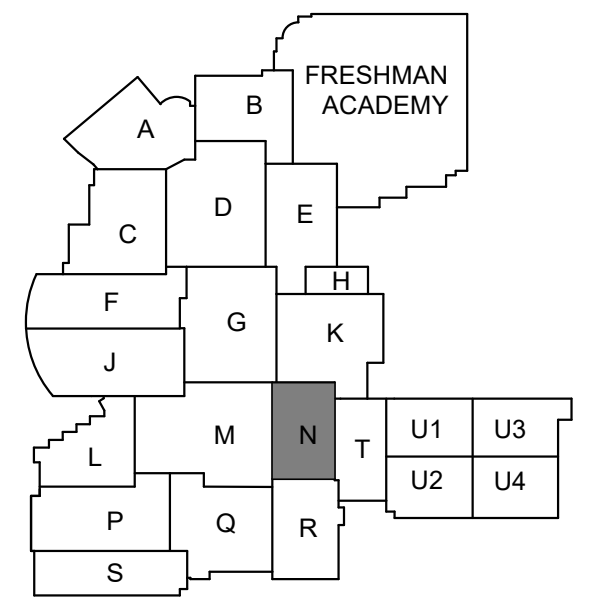
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 ROOF POWER PLAN - UNIT N
1/8" = 1'-0"

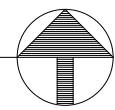


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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

ROOF POWER PLAN - UNIT N



David L. Jones III

Project No: 2022063.10

Project Date:

May 29, 2024

Drawing No:

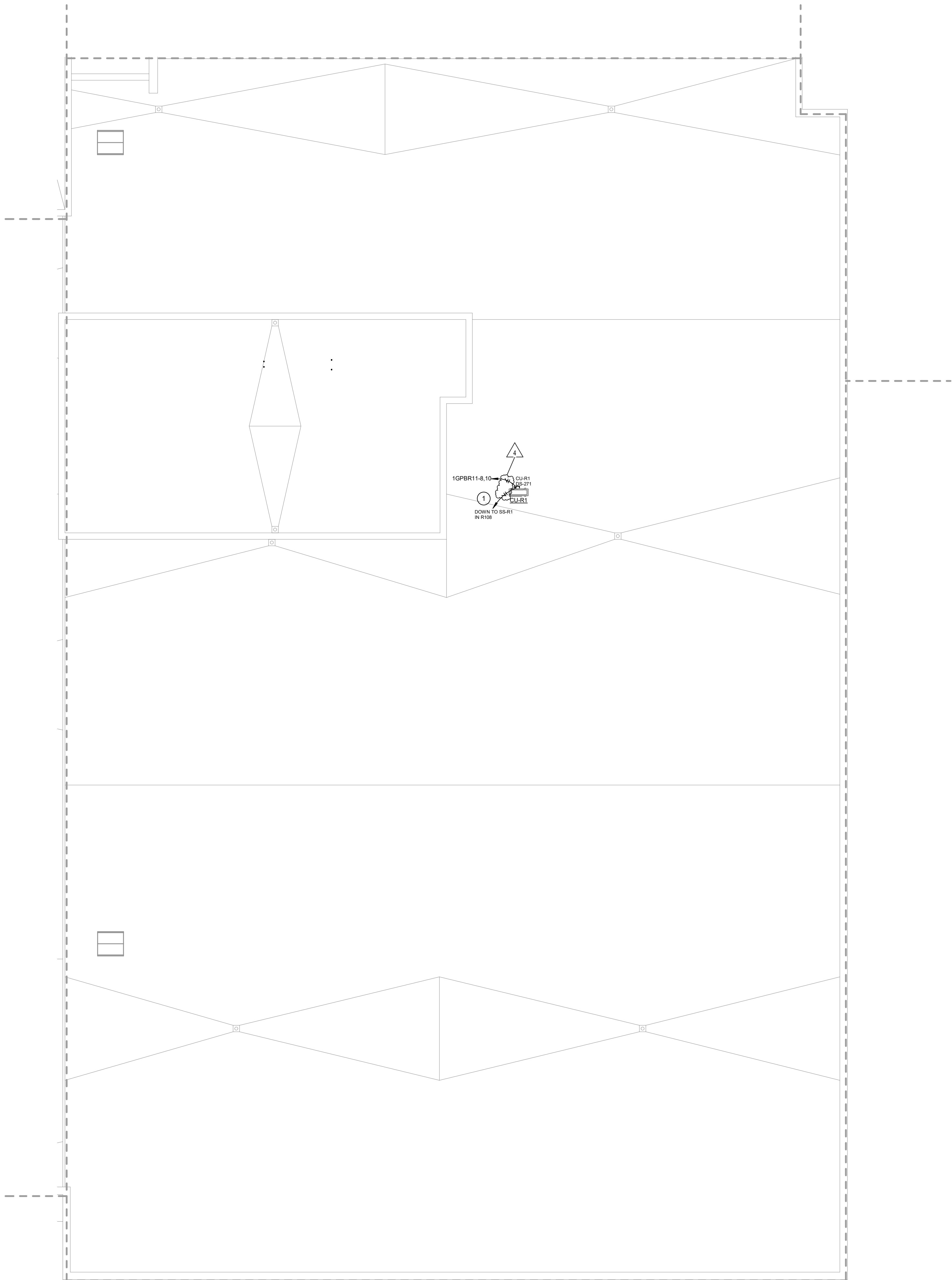
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GENERAL ROOF NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE ROOF PENETRATIONS WITH ROOFING CONTRACTOR AND MECHANICAL CONTRACTOR.

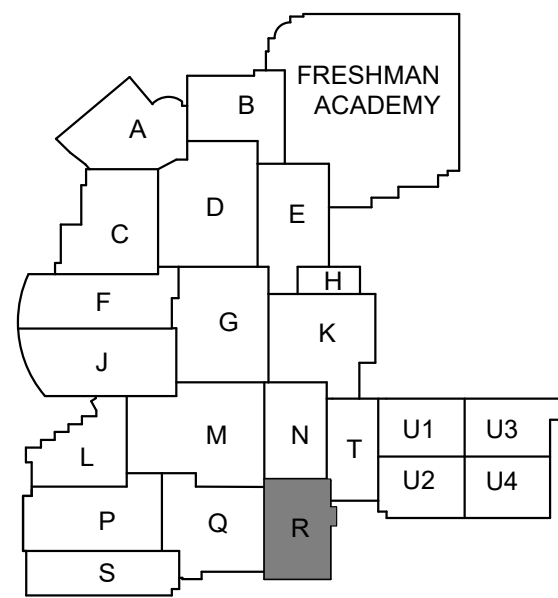
ROOF PLAN NOTES

- 1 PROVIDE INTERNAL AND EXTERNAL CONDUIT SEALS. ROUTE CONDUIT INSIDE OF MECHANICAL CURB. COORDINATE ROUTING WITH MECHANICAL CONTRACTOR.
2 DOWN TO VFD LOCATED IN ROOM ADJACENT ELECTRICAL ROOM IN UNIT N.
3 CONNECT TO PANELBOARD 12G3 IN ELECTRICAL CLOSET DIRECTLY BELOW UNIT. SEE UNIT K POWER PLAN FOR LOCATION. PROVIDE A 2P-20A BREAKER AT POLE 40.42.



1 ROOF POWER PLAN - UNIT R
1/8" = 1'-0"

#	Revision	Date
4	ADDENDUM #4	06.24.2024



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INDIANAPOLIS, INDIANA

Drawing Title:
ROOF POWER PLAN - UNIT R



Project No.: 2022063.10
Project Date: May 29, 2024
Drawing No.: EPRR

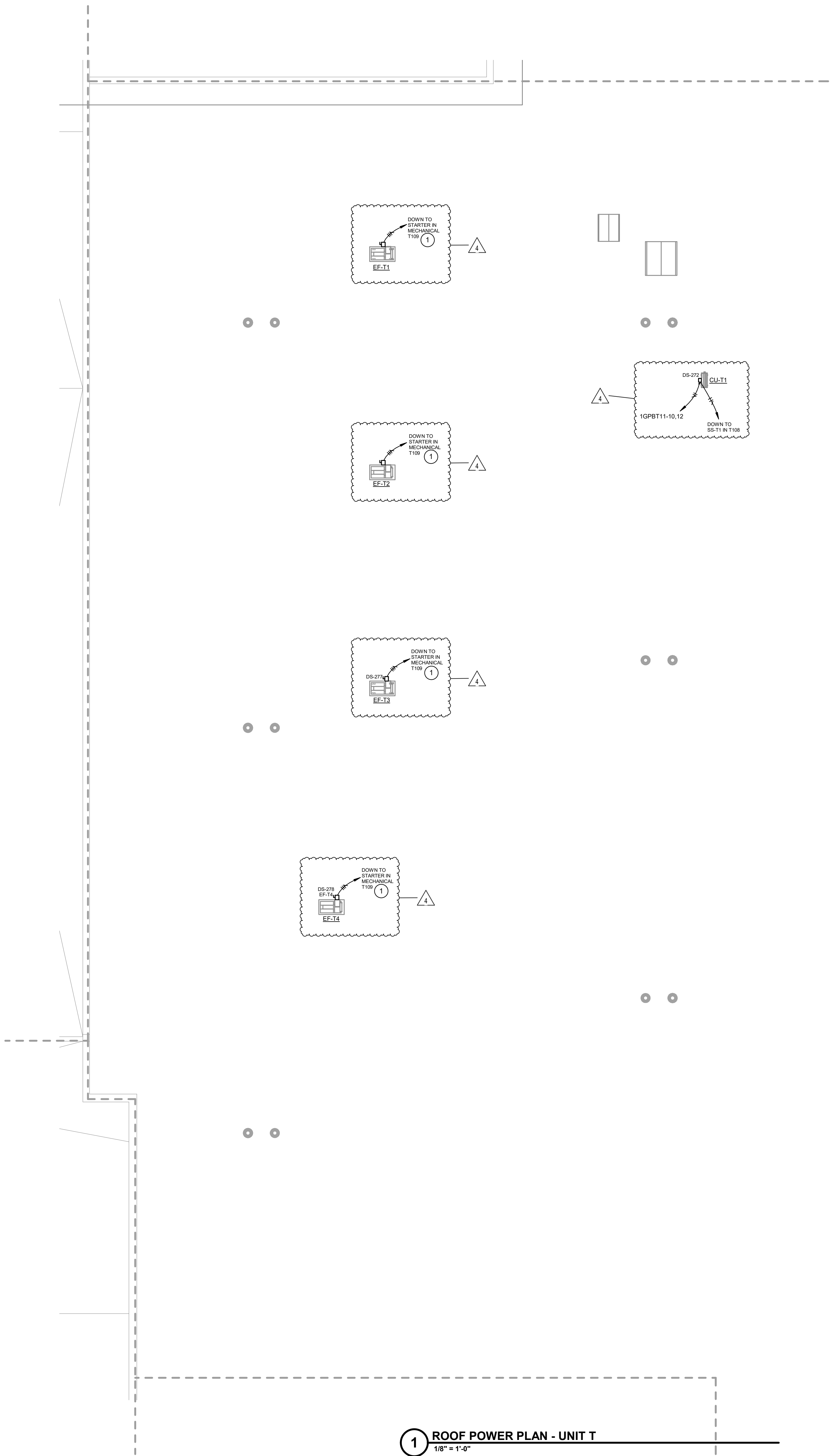
GENERAL ROOF NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE ROOF PENETRATIONS WITH ROOFING CONTRACTOR AND MECHANICAL CONTRACTOR.

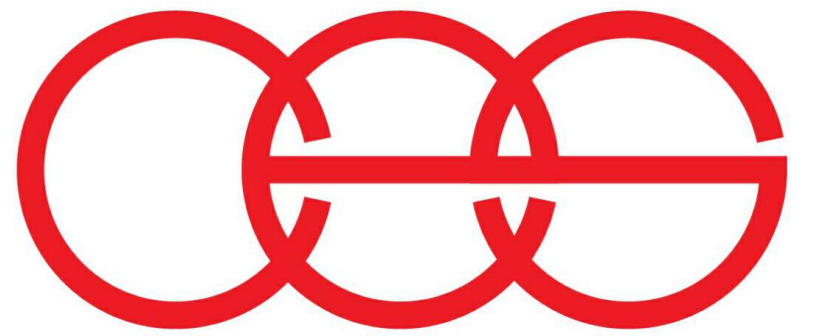
ROOF PLAN NOTES

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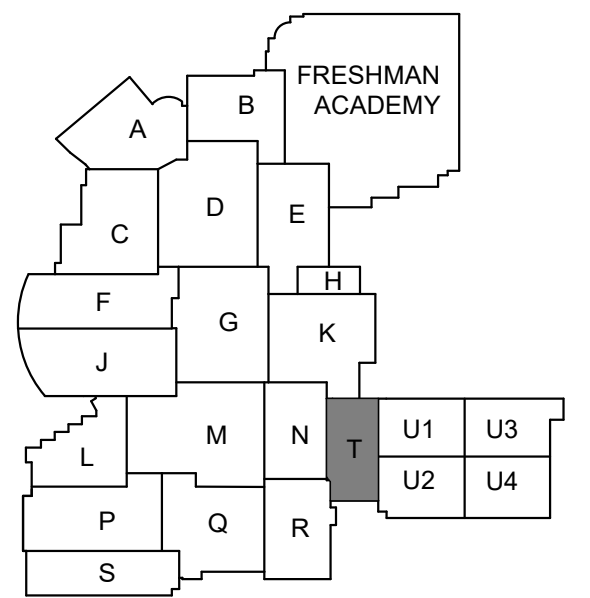
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4	ADDENDUM #4	06.24.2024



1 ROOF POWER PLAN - UNIT T
1/8" = 1'-0"



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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
ROOF POWER PLAN - UNIT T



David L. Jones III

Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

EPRT

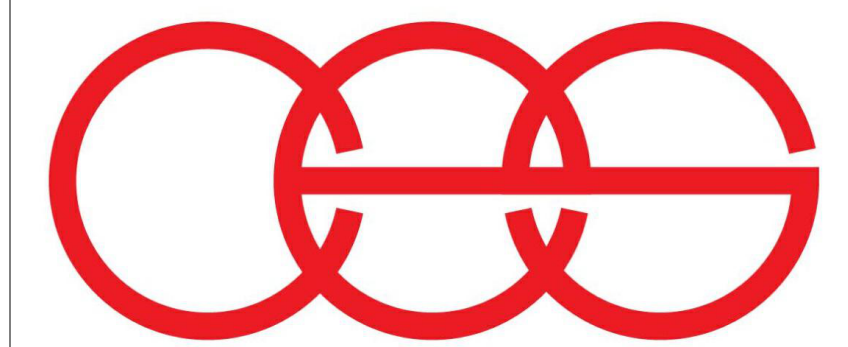
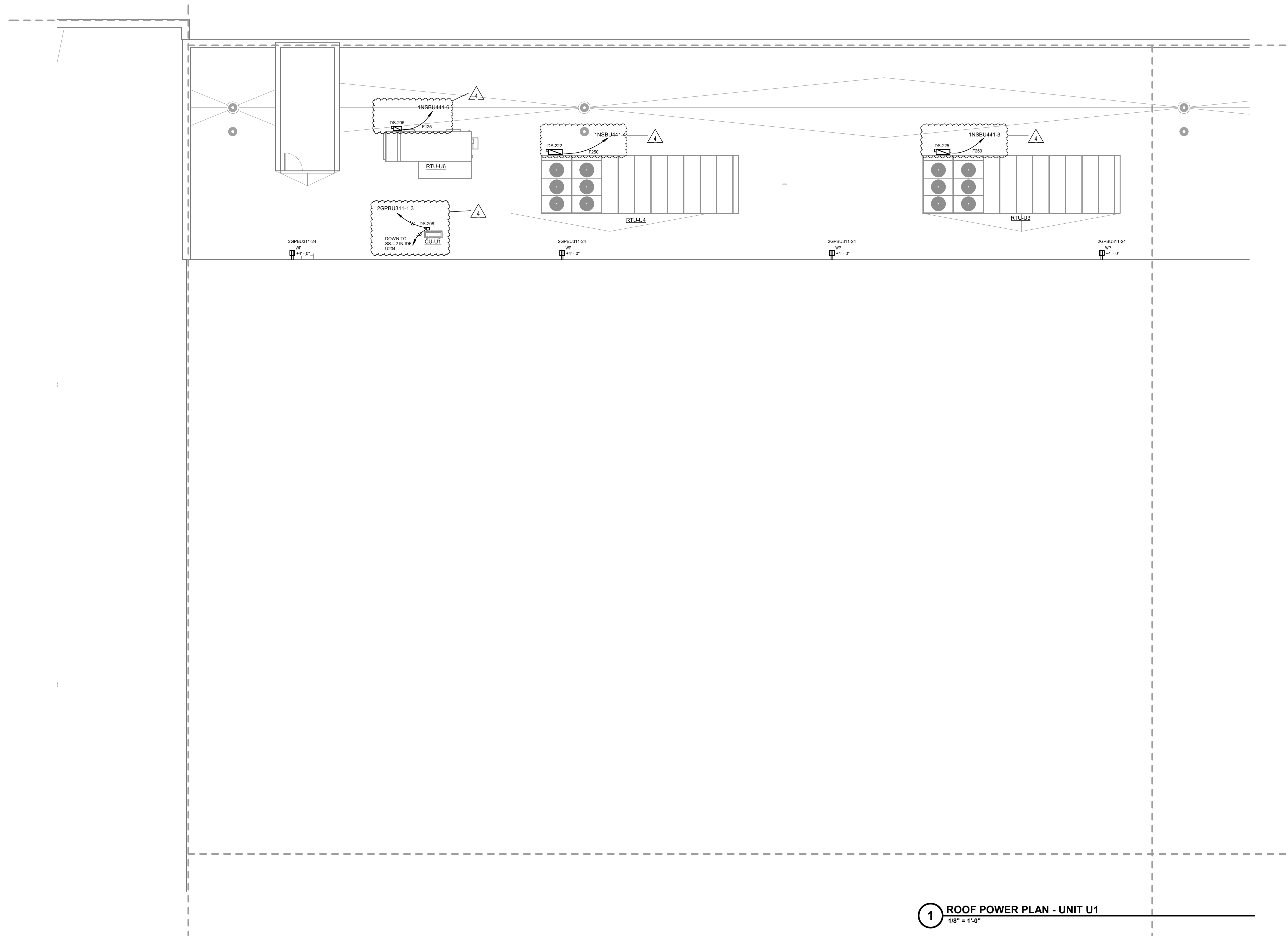
#	Revision	Date
4	ADDENDUM #4	06.24.2024

GENERAL ROOF NOTES

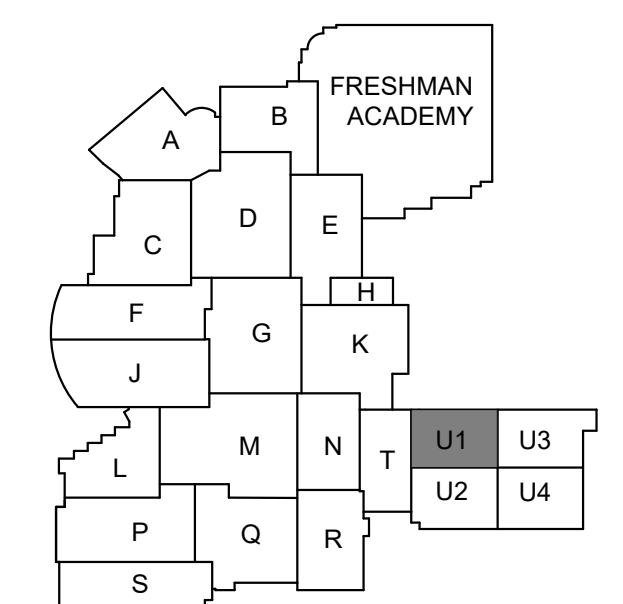
- | | |
|---|---|
| A | REFER TO SHEET E001 FOR ADDITIONAL INFORMATION. |
| B | COORDINATE ROOF PENETRATIONS WITH ROOFING CONTRACTOR AND MECHANICAL CONTRACTOR. |

○ ROOF PLAN NOTES

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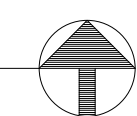


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PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

ROOF POWER PLAN - UNIT U.1



Project No:	2022063.10
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Project Date:	May 29, 2024
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Drawing No:

EPRU.1

1 ROOF POWER PLAN - UNIT U1
1/8" = 1'-0"

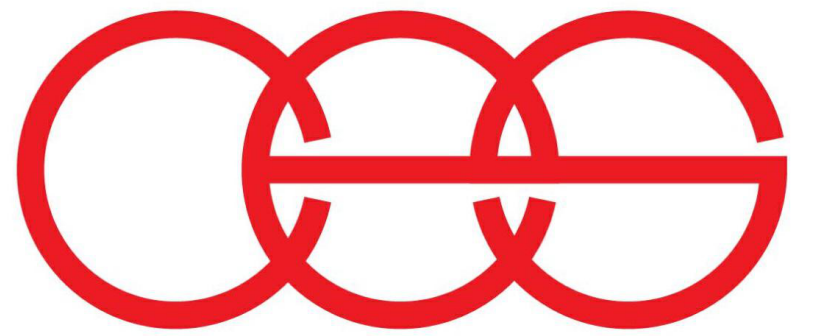
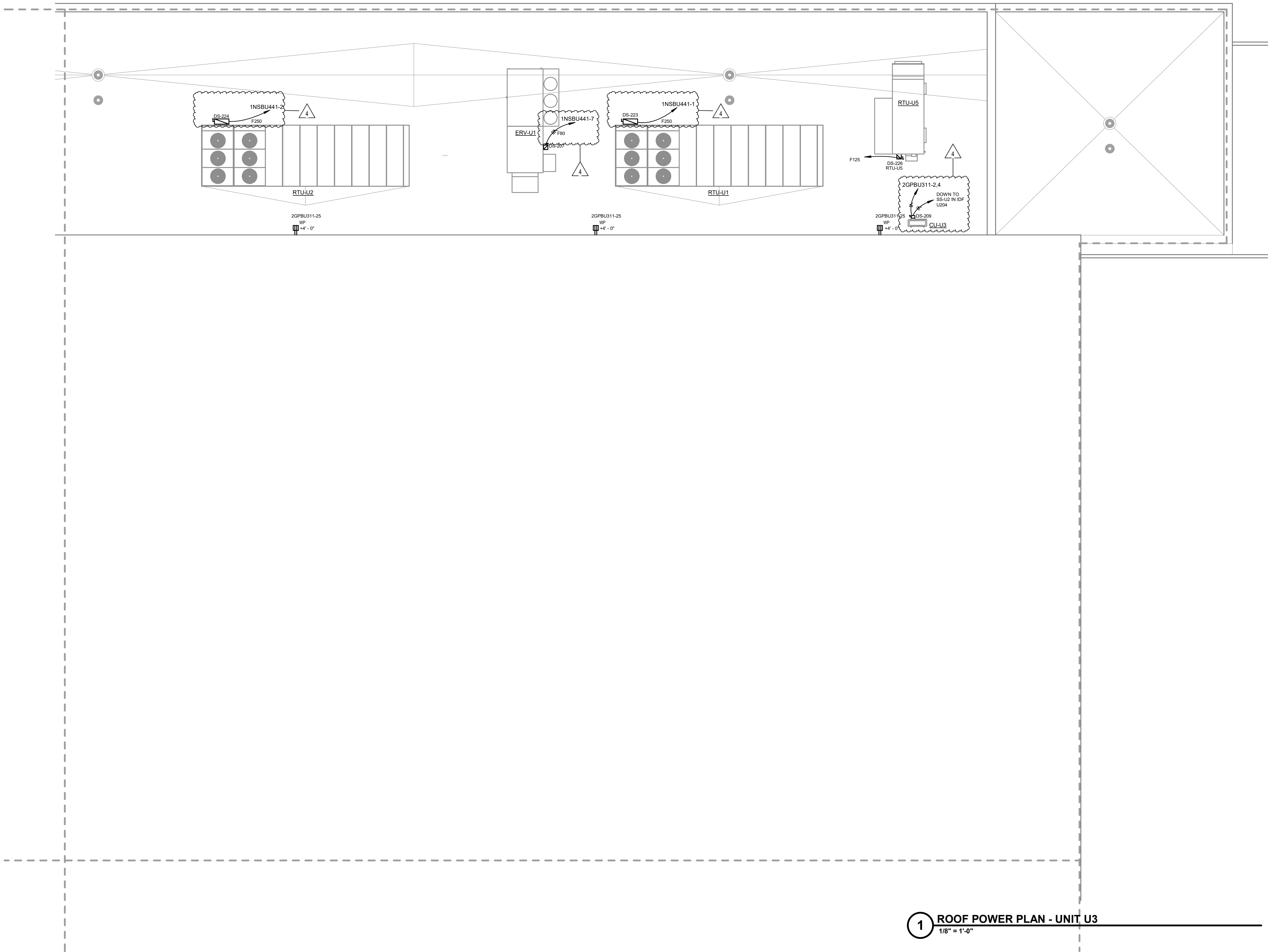
GENERAL ROOF NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B COORDINATE ROOF PENETRATIONS WITH ROOFING CONTRACTOR AND MECHANICAL CONTRACTOR.

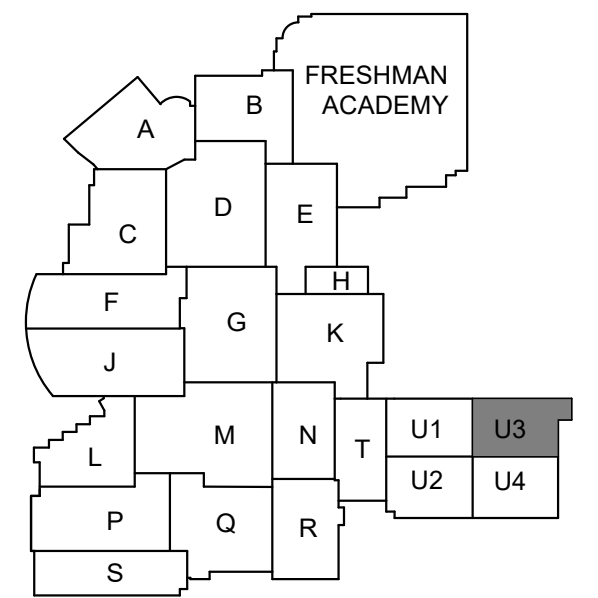
ROOF PLAN NOTES

- 1 PROVIDE INTERNAL AND EXTERNAL CONDUIT SEALS. ROUTE CONDUIT INSIDE OF MECHANICAL CURB. COORDINATE ROUTING WITH MECHANICAL CONTRACTOR.
2 DOWN TO VFD LOCATED IN ROOM ADJACENT ELECTRICAL ROOM IN UNIT N.
3 CONNECT TO PANELBOARD '12G3' IN ELECTRICAL CLOSET DIRECTLY BELOW UNIT. SEE UNIT K POWER PLAN FOR LOCATION. PROVIDE A 2P-20A BREAKER AT POLE 40.42.

#	Revision	Date
4	ADDENDUM #4	06.24.2024



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PHASE 2B

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INDIANAPOLIS, INDIANA

Drawing Title:

ROOF POWER PLAN - UNIT U.3

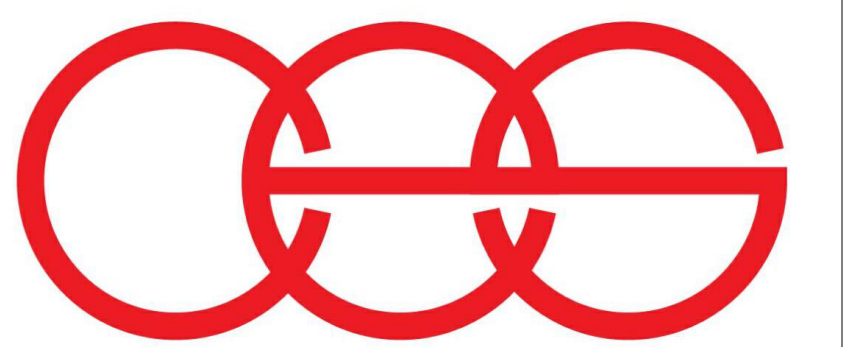
	Project No:	2022063.10
	Project Date:	May 29, 2024
	Drawing No:	EPRU.3
	David L. Jones	

A	REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B	FIRE ALARM SYSTEM IS A DELEGATED DESIGN AND STATE SUBMISSION.
C	PROVIDE A FULL FIRE ALARM TEST ON EXISTING SYSTEM PRIOR TO STARTING WORK.
D	CONNECT ALL NEW FIRE ALARM DEVICES TO FIRE ALARM CONTROL PANEL INSTALLED IN PREVIOUS PHASE. REFER TO SHEET EF1H FOR LOCATION.
E	REFER TO ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS AND ELEVATIONS.
F	CONNECT ALL FIRE ALARM DEVICES IN PHASE 2B EXCLUDING FIRE ALARM DEVICES IN STUDENT ACTIVITY CENTER TO EXISTING FIRE ALARM CONTROL PANEL LOCATED IN ELECTRICAL ROOM ON SHEET EF1H.

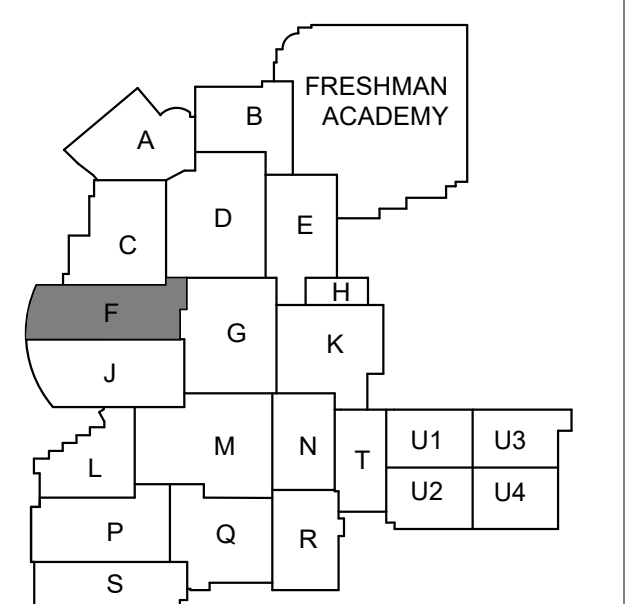
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR FIRE ALARM PLAN - UNIT F
1/8" = 1'-0"

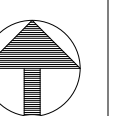


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PHASE 2B**

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

FIRST FLOOR FIRE ALARM PLAN -
UNIT F

	Product Name
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Project No: 2022063.10

Project Date: _____

May 29, 2024

May 20, 2021

 Δ

Drawing No: _____

5515

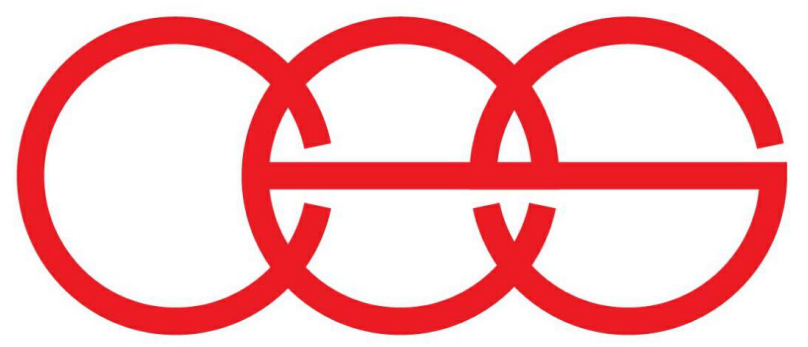
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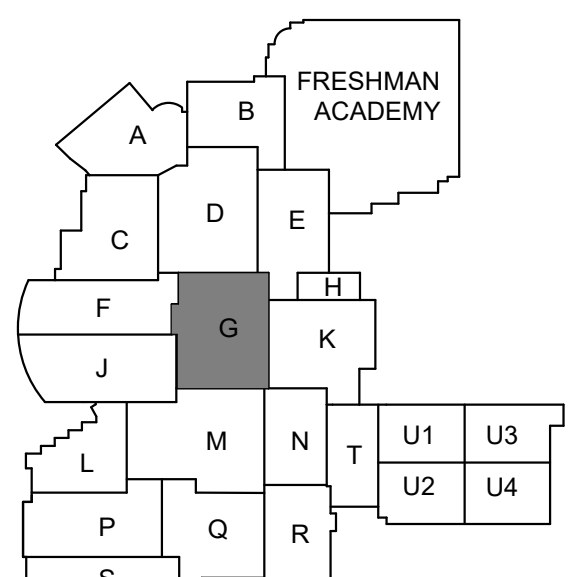
GENERAL FIRE ALARM NOTES PHASE 2B

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B FIRE ALARM SYSTEM IS A DELEGATED DESIGN AND STATE SUBMISSION.
C PROVIDE A FULL FIRE ALARM TEST ON EXISTING SYSTEM PRIOR TO STARTING WORK.
D CONNECT ALL NEW FIRE ALARM DEVICES TO FIRE ALARM CONTROL PANEL INSTALLED IN PREVIOUS PHASE. REFER TO SHEET EF1H FOR LOCATION.
E REFER TO ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS AND ELEVATIONS.
F CONNECT ALL FIRE ALARM DEVICES IN PHASE 2B EXCLUDING FIRE ALARM DEVICES IN STUDENT ACTIVITY CENTER TO EXISTING FIRE ALARM CONTROL PANEL LOCATED IN ELECTRICAL ROOM ON SHEET EF1H.

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4	ADDENDUM #4	06.24.2024

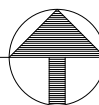


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INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR FIRE ALARM PLAN -
UNIT G**



David L. Jones III

Project No: 2022063.10

Project Date:
May 29, 2024

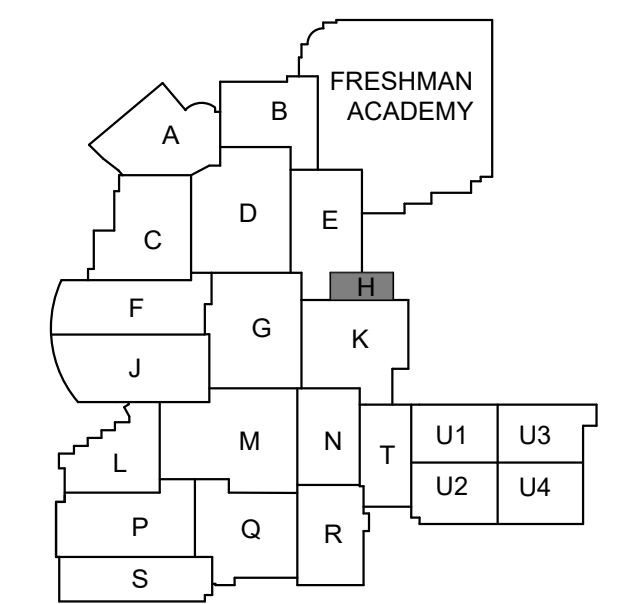
Drawing No:
EF1G

1 FIRST FLOOR FIRE ALARM PLAN - UNIT G
1/8" = 1'-0"

GENERAL FIRE ALARM NOTES PHASE 2B

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B FIRE ALARM SYSTEM IS A DELEGATED DESIGN AND STATE SUBMISSION.
C PROVIDE A FULL FIRE ALARM TEST ON EXISTING SYSTEM PRIOR TO STARTING WORK.
D CONNECT ALL NEW FIRE ALARM DEVICES TO FIRE ALARM CONTROL PANEL INSTALLED IN PREVIOUS PHASE. REFER TO SHEET EF1H FOR LOCATION.
E REFER TO ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS AND ELEVATIONS.
F CONNECT ALL FIRE ALARM DEVICES IN PHASE 2B EXCLUDING FIRE ALARM DEVICES IN STUDENT ACTIVITY CENTER TO EXISTING FIRE ALARM CONTROL PANEL LOCATED IN ELECTRICAL ROOM ON SHEET EF1H.

#	Revision	Date
4	ADDENDUM #4	06.24.2024



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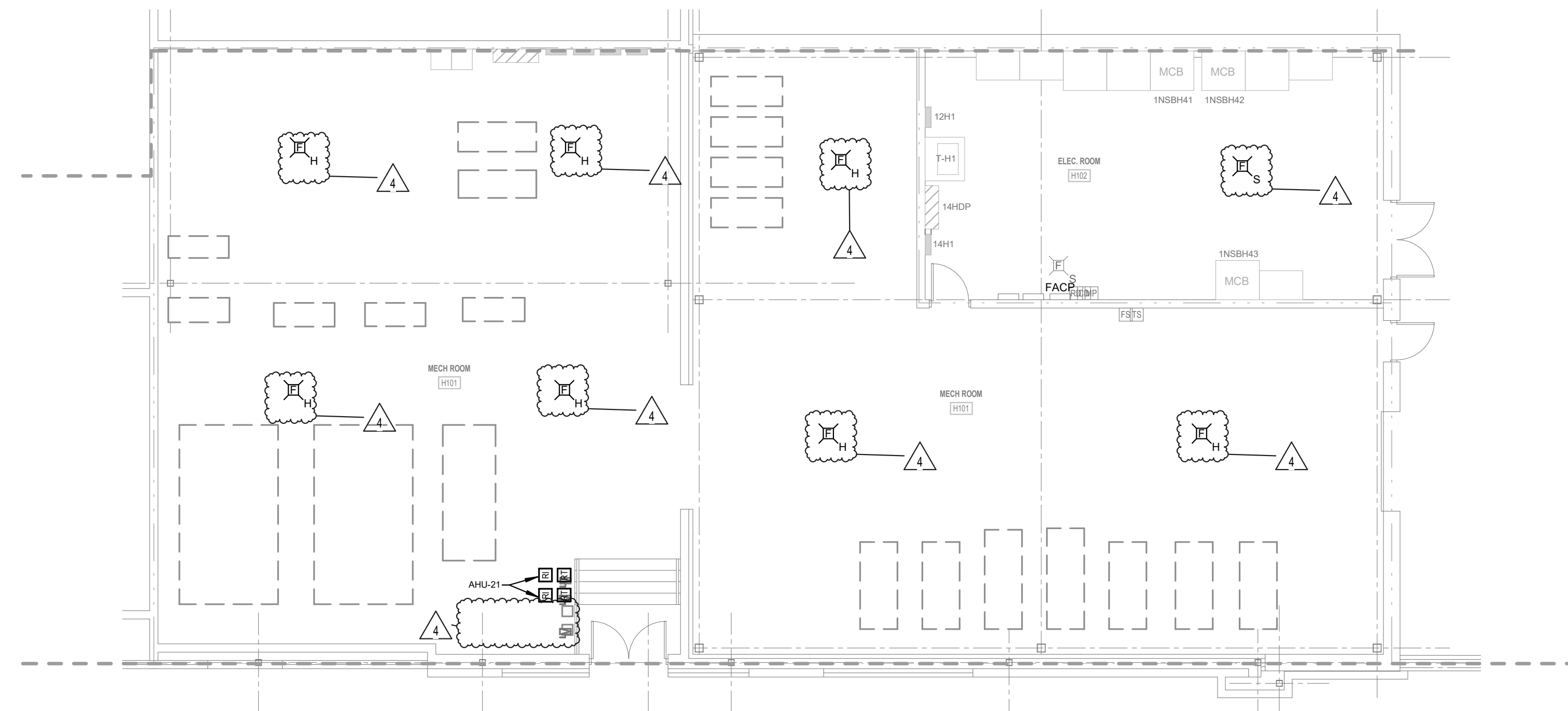
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INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR FIRE ALARM PLAN -
UNIT H**



David L. Jones III

Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: EF1H

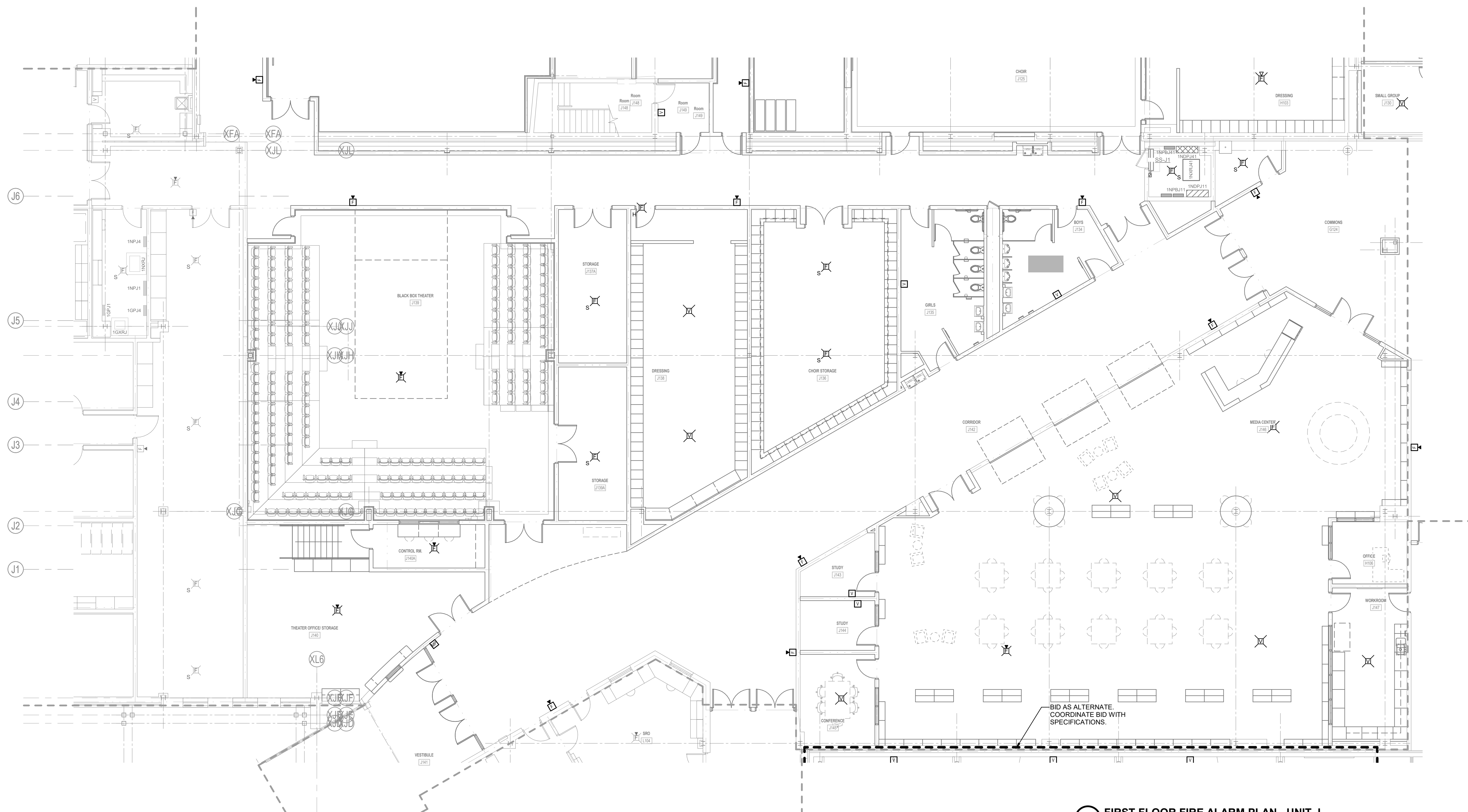


1 FIRST FLOOR FIRE ALARM PLAN - UNIT H
1/8" = 1'-0"

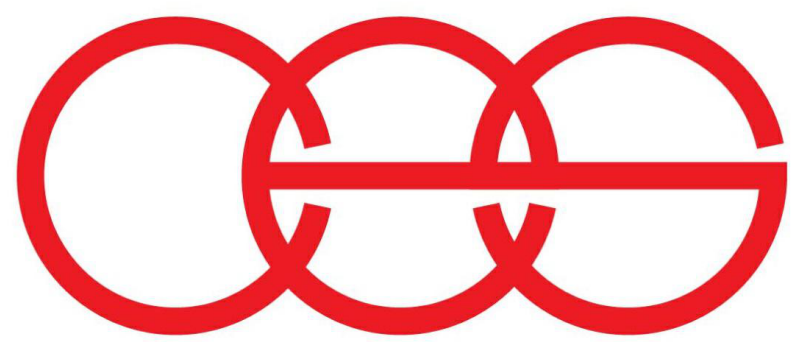
GENERAL FIRE ALARM NOTES PHASE 2B

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B FIRE ALARM SYSTEM IS A DELEGATED DESIGN AND STATE SUBMISSION.
C PROVIDE A FULL FIRE ALARM TEST ON EXISTING SYSTEM PRIOR TO STARTING WORK.
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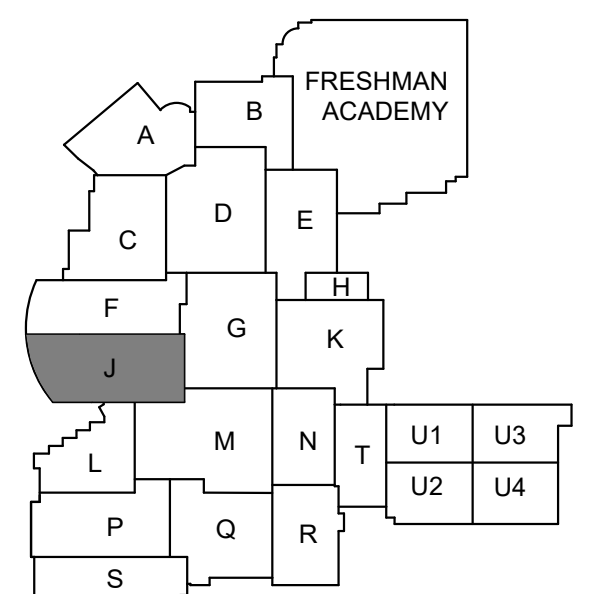
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR FIRE ALARM PLAN - UNIT J
1/8" = 1'-0"



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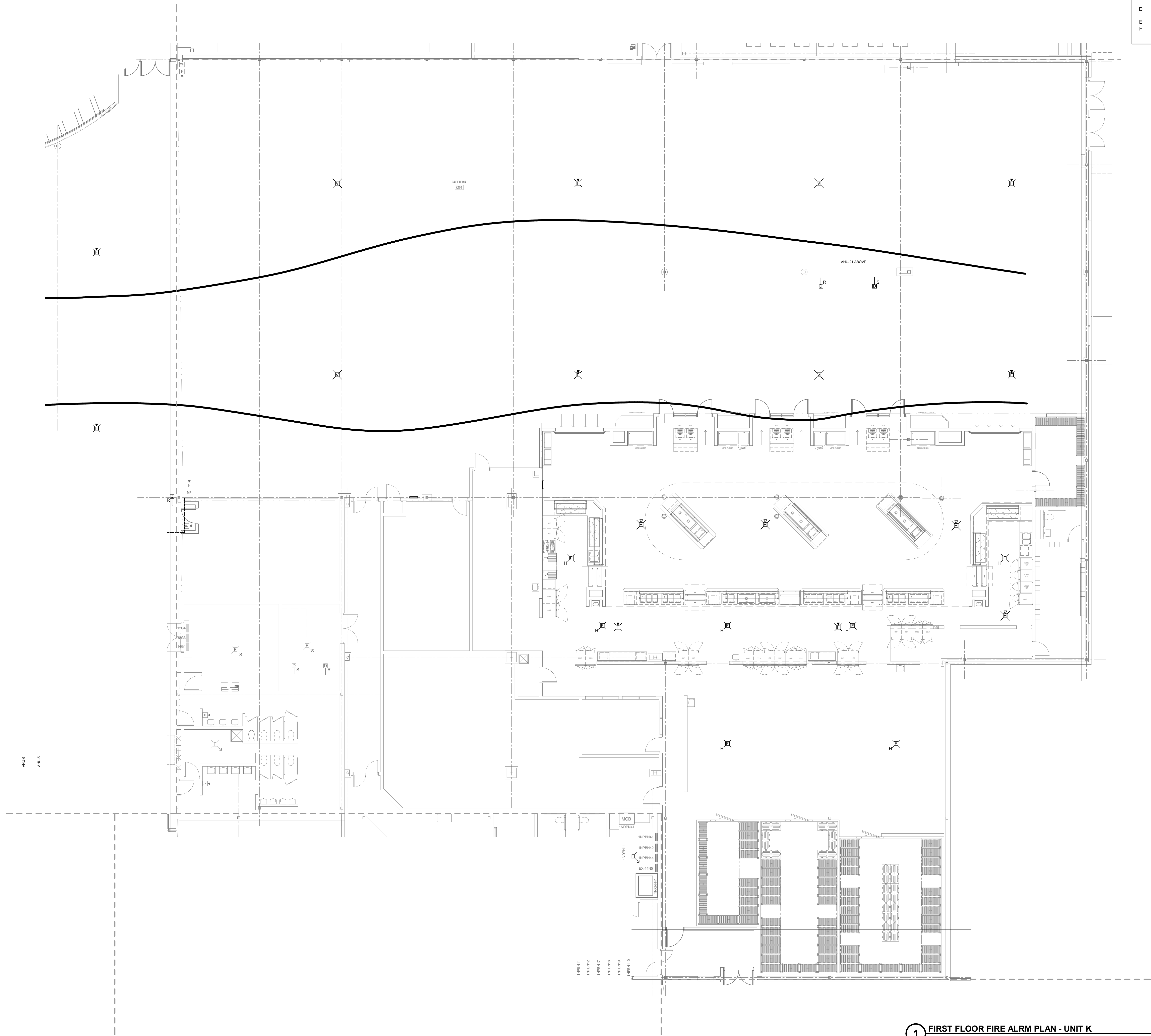
ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR FIRE ALARM PLAN -
UNIT J**

 <i>David L. Jones III</i>	Project No: 2022063.10
	Project Date: May 29, 2024
	Drawing No: EF1J

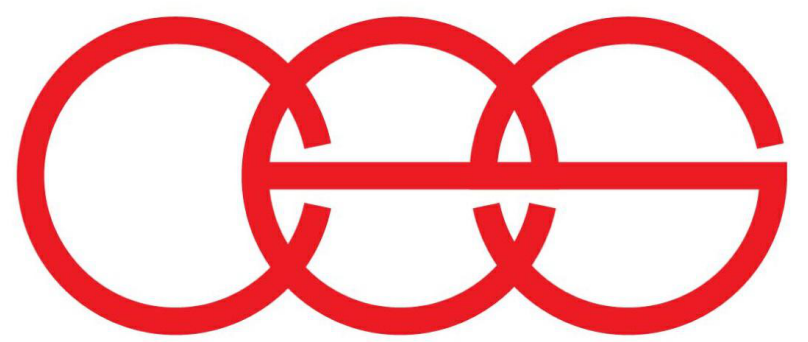
GENERAL FIRE ALARM NOTES PHASE 2B

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
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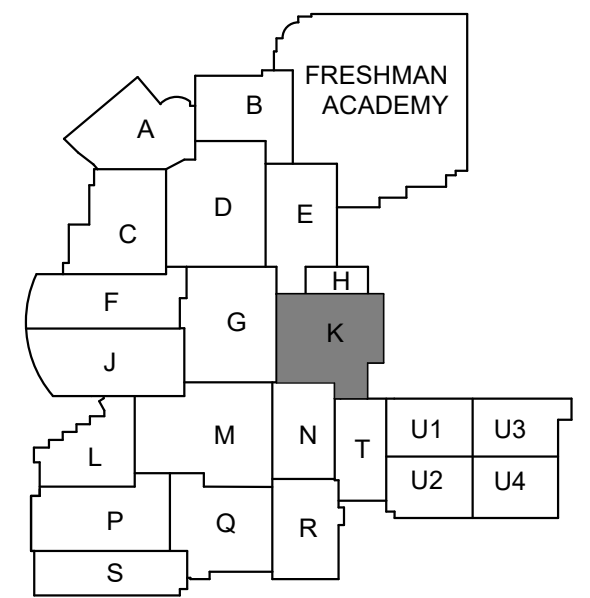
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR FIRE ALARM PLAN - UNIT K
1/8" = 1'-0"



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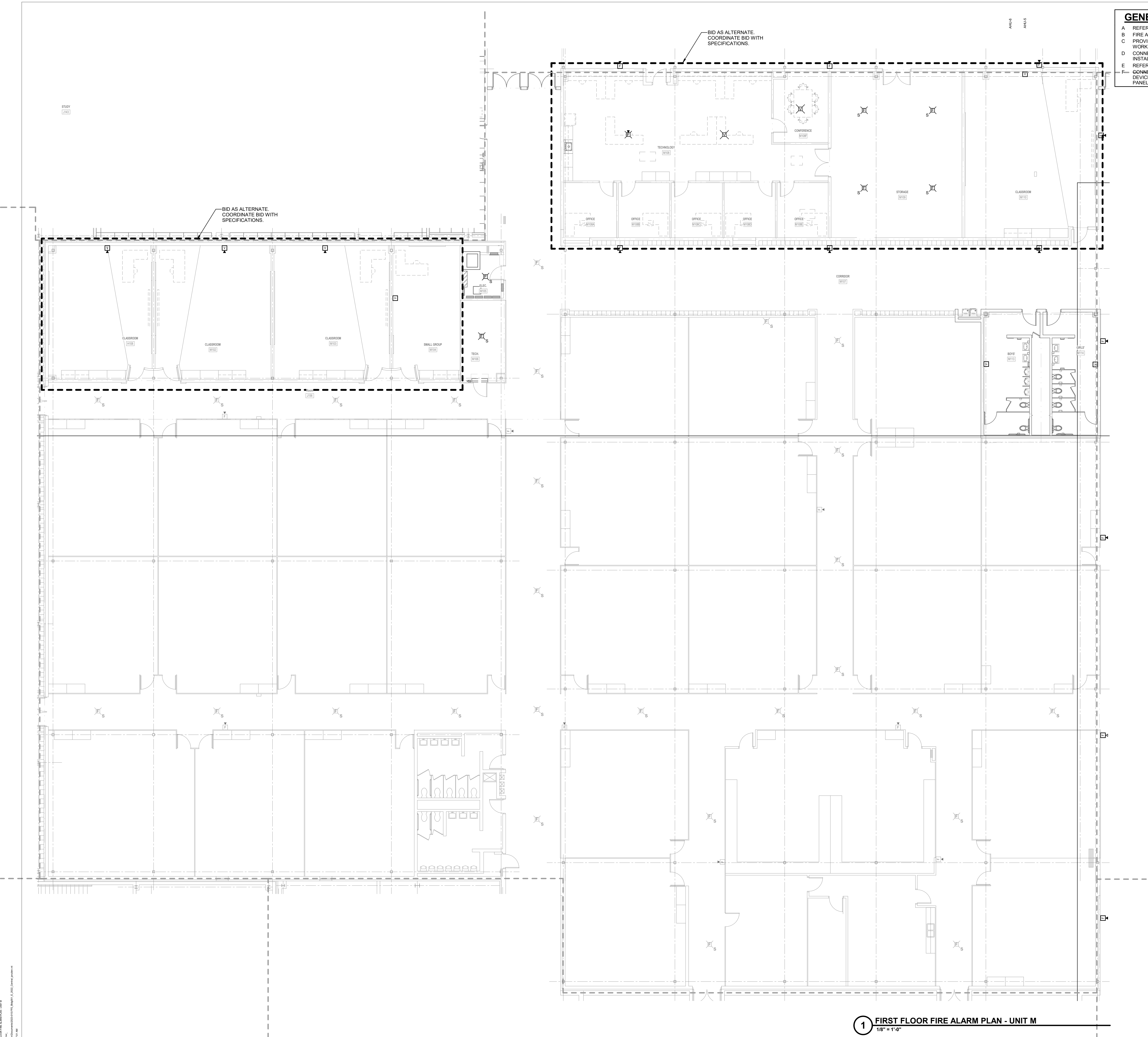
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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR FIRE ALARM PLAN -
UNIT K**

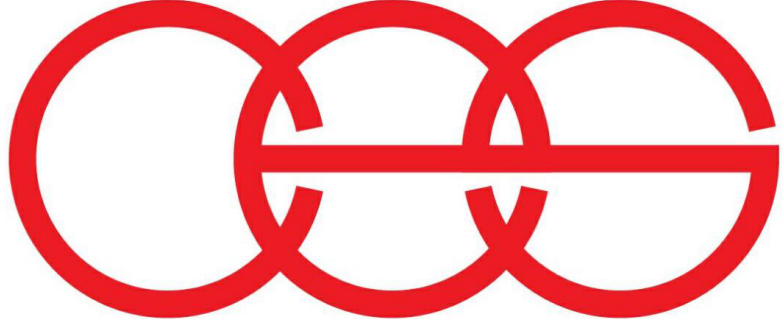
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	Project Date: May 29, 2024
	Drawing No: EF1K

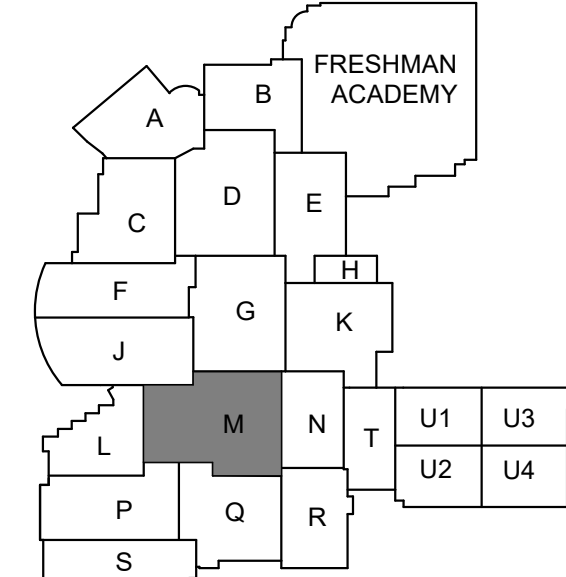


GENERAL FIRE ALARM NOTES PHASE 2B

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KEY PLAN

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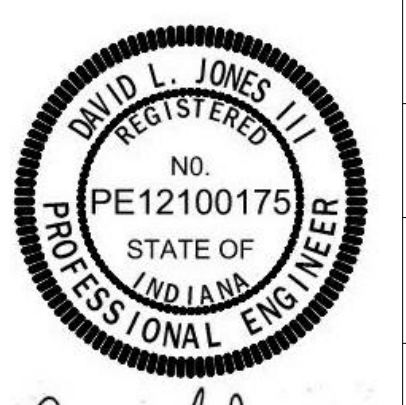
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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:
**FIRST FLOOR FIRE ALARM PLAN -
UNIT M**

Project No: 2022063.10
Project Date: **May 29, 2024**

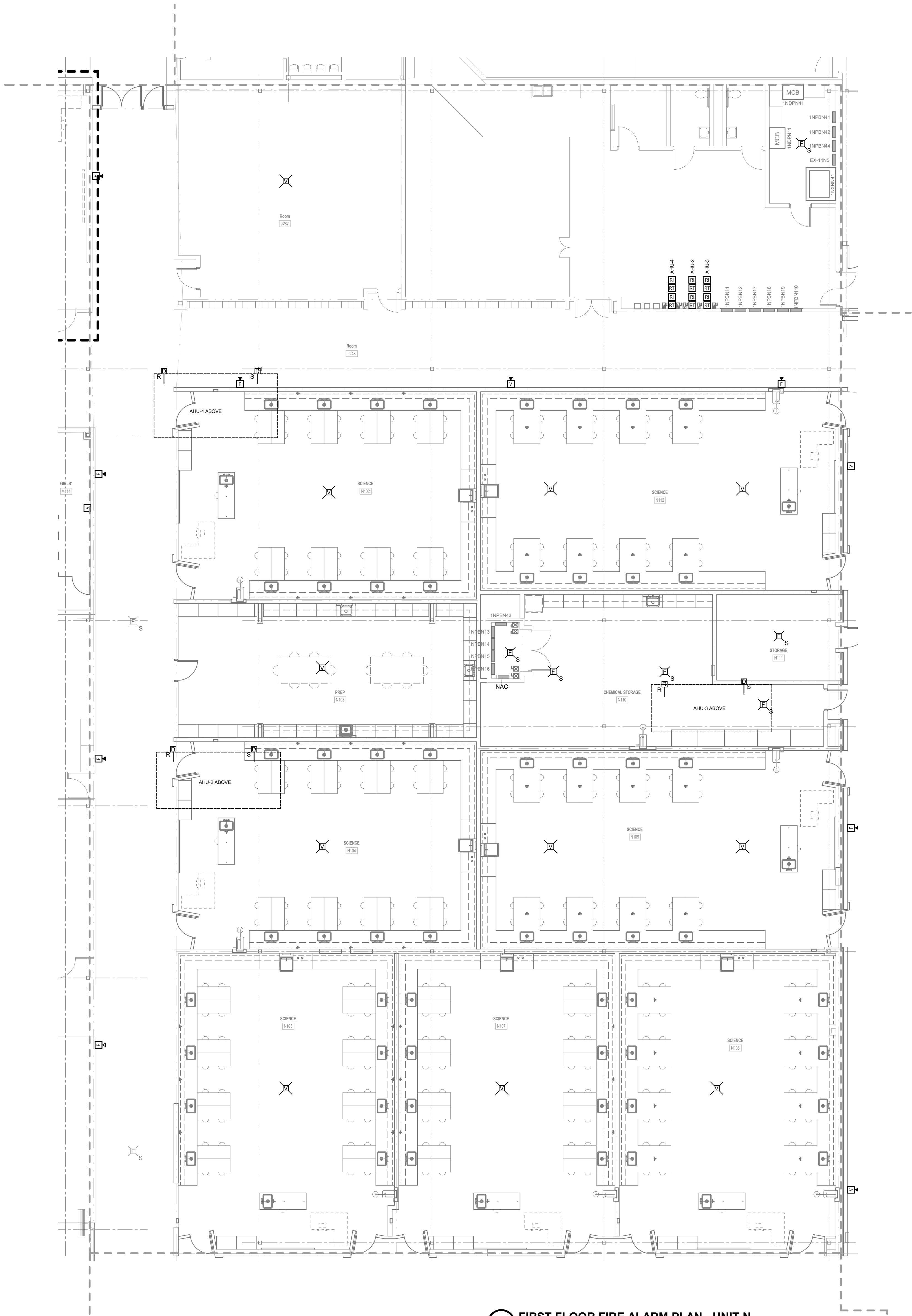
Drawing No: **EF1M**


David L. Jones III

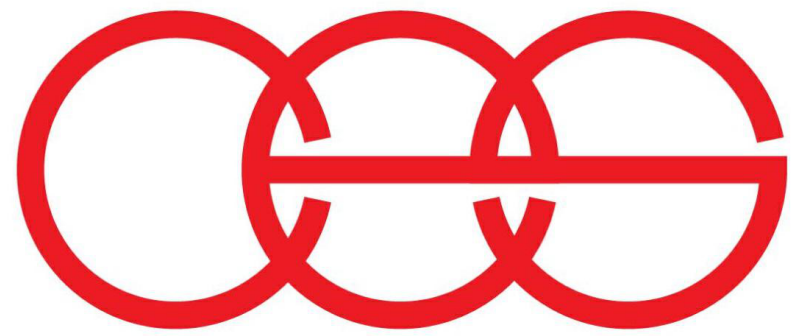
GENERAL FIRE ALARM NOTES PHASE 2B

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B FIRE ALARM SYSTEM IS A DELEGATED DESIGN AND STATE SUBMISSION.
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E REFER TO ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS AND ELEVATIONS.
F CONNECT ALL FIRE ALARM DEVICES IN PHASE 2B EXCLUDING FIRE ALARM DEVICES IN STUDENT ACTIVITY CENTER TO EXISTING FIRE ALARM CONTROL PANEL LOCATED IN ELECTRICAL ROOM ON SHEET EF1H.

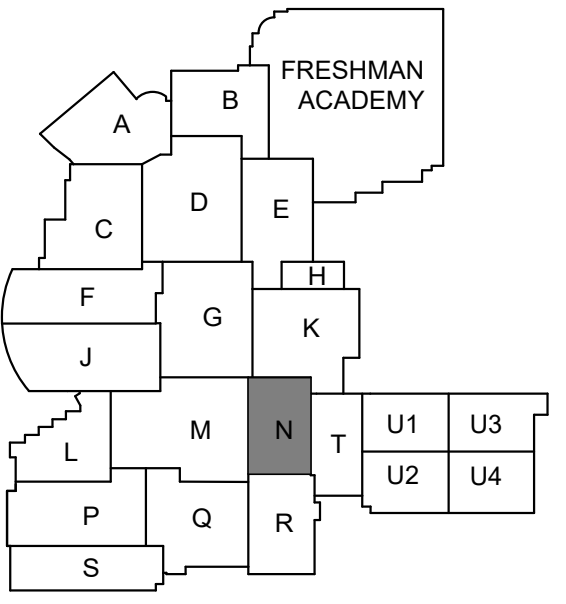
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR FIRE ALARM PLAN - UNIT N
1/8" = 1'-0"



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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR FIRE ALARM PLAN -
UNIT N**



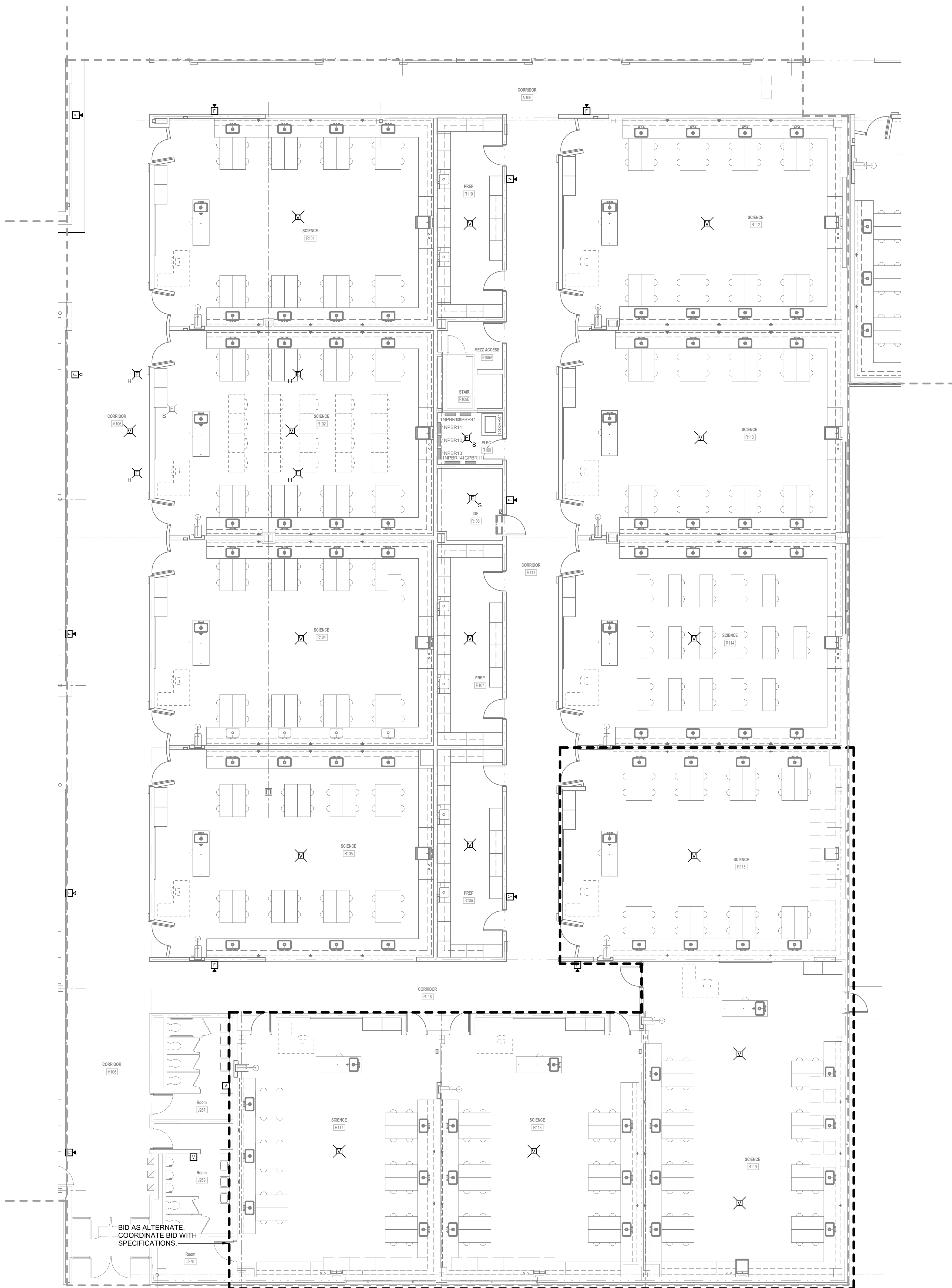
David L. Jones

Project No: 2022063.10
Project Date: **May 29, 2024**
Drawing No: **EF1N**

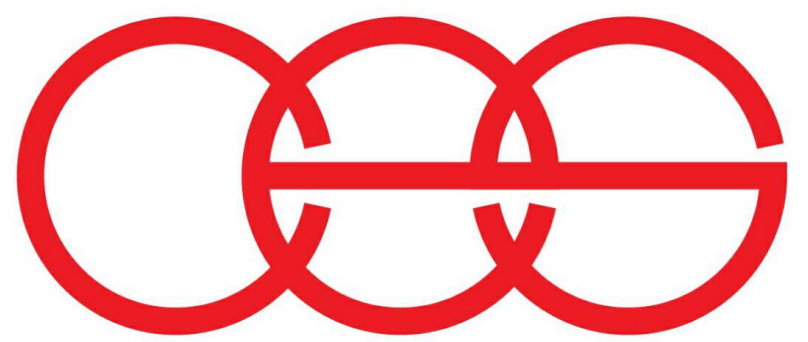
GENERAL FIRE ALARM NOTES PHASE 2B

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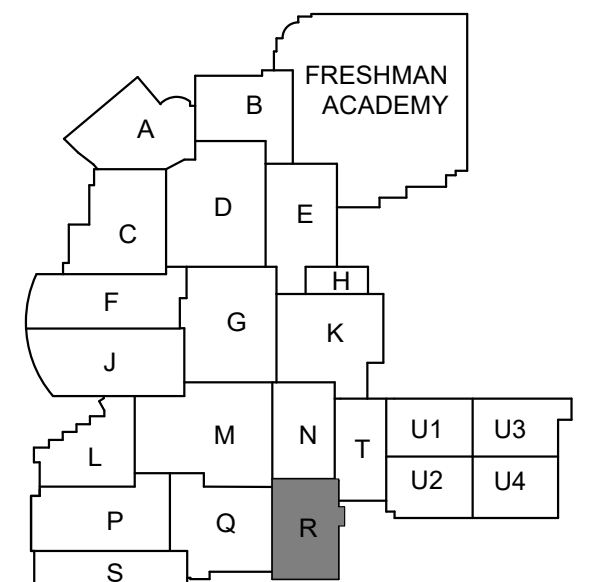
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR FIRE ALARM PLAN - UNIT R
1/8" = 1'-0"

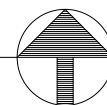


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ADDITION & RENOVATIONS TO:

**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

**FIRST FLOOR FIRE ALARM PLAN -
UNIT R**



David L. Jones III

Project No: 2022063.10

Project Date:

May 29, 2024

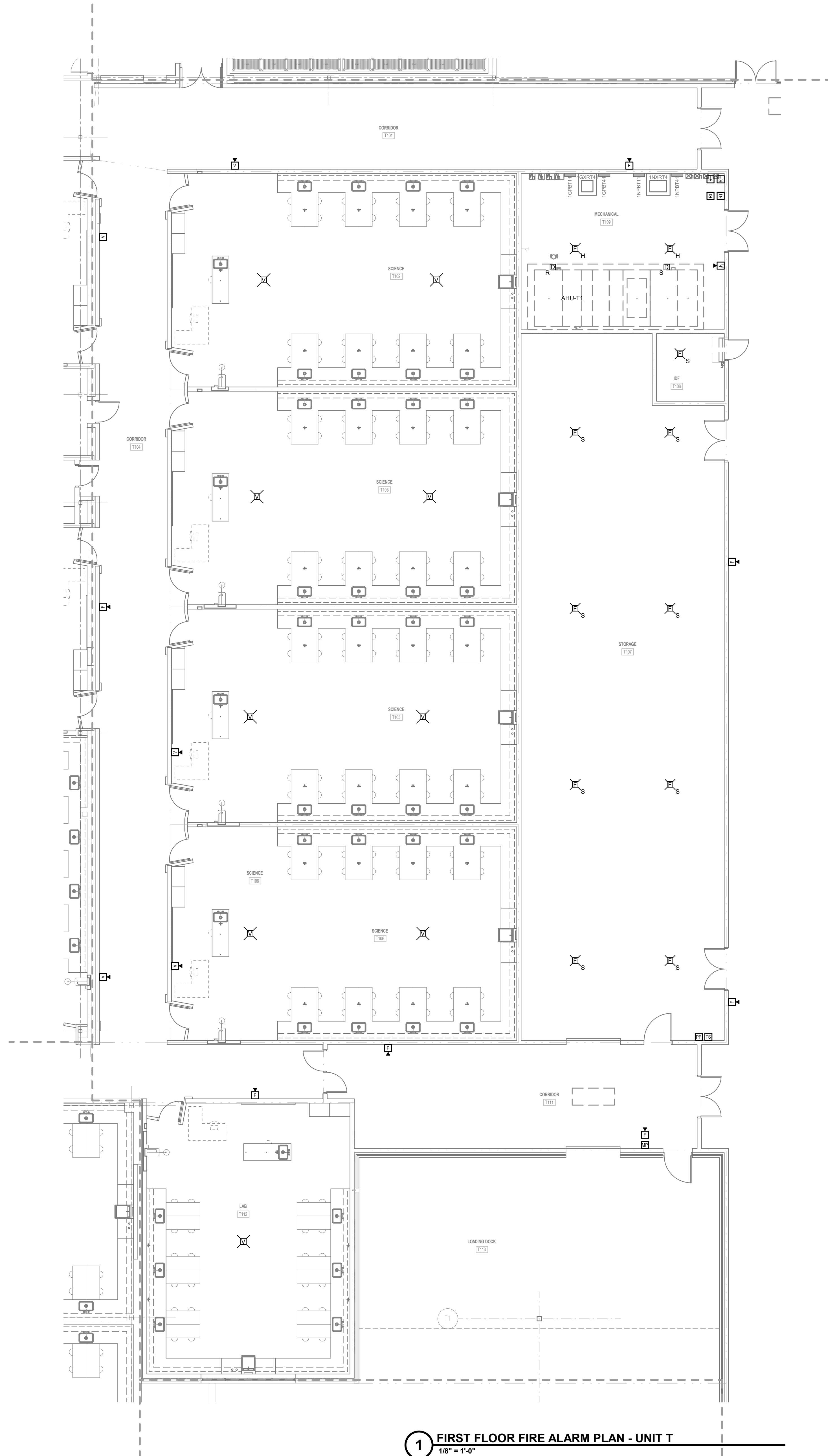
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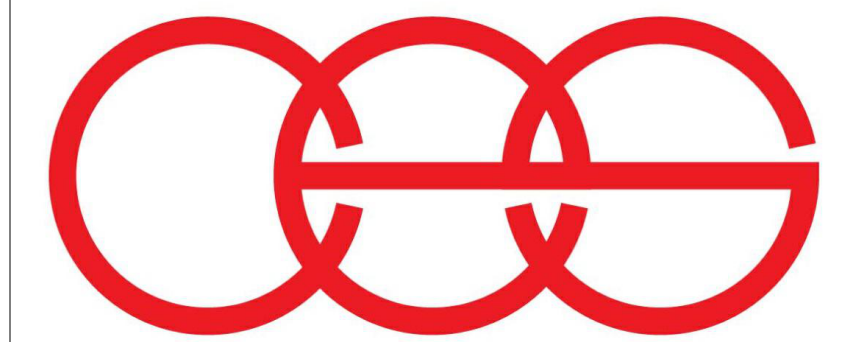
GENERAL FIRE ALARM NOTES PHASE 2B

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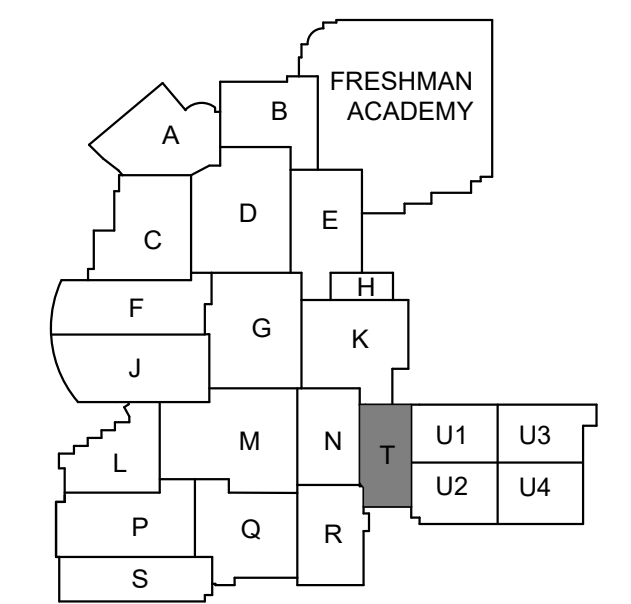
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR FIRE ALARM PLAN - UNIT T
1/8" = 1'-0"



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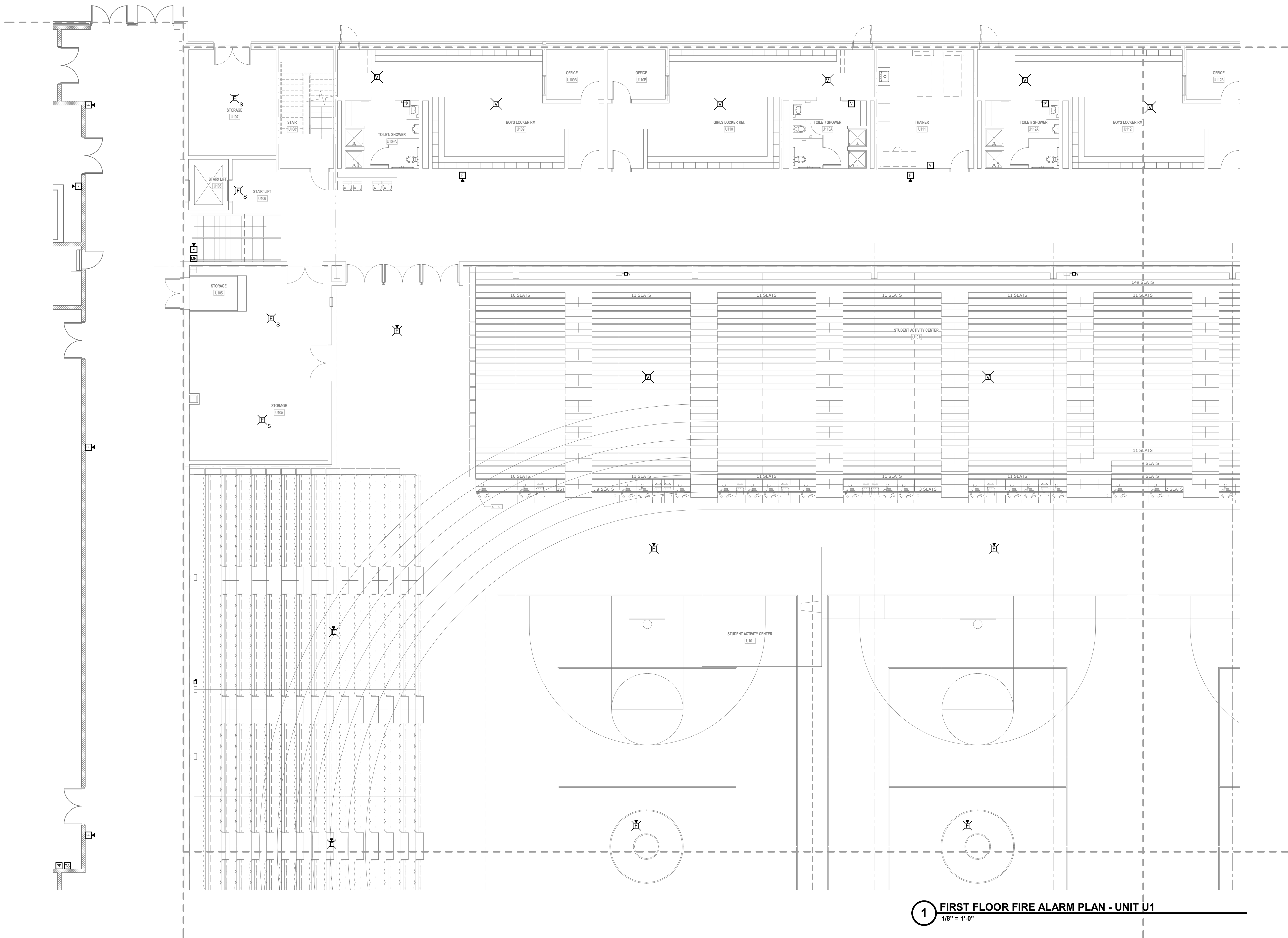
ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
**FIRST FLOOR FIRE ALARM PLAN -
UNIT T**

	Project No: 2022063.10
	Project Date: May 29, 2024
	Drawing No: EF1T

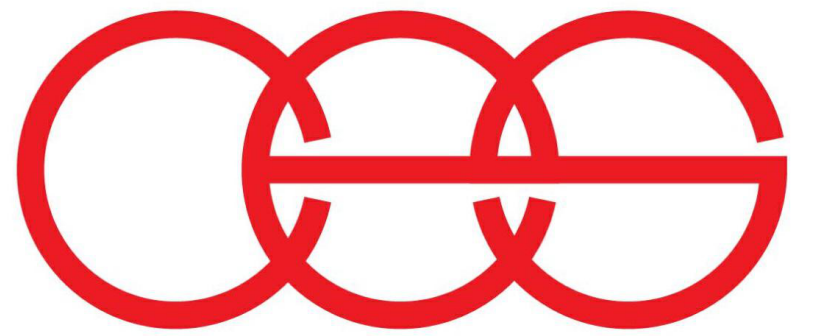
GENERAL FIRE ALARM NOTES SAC

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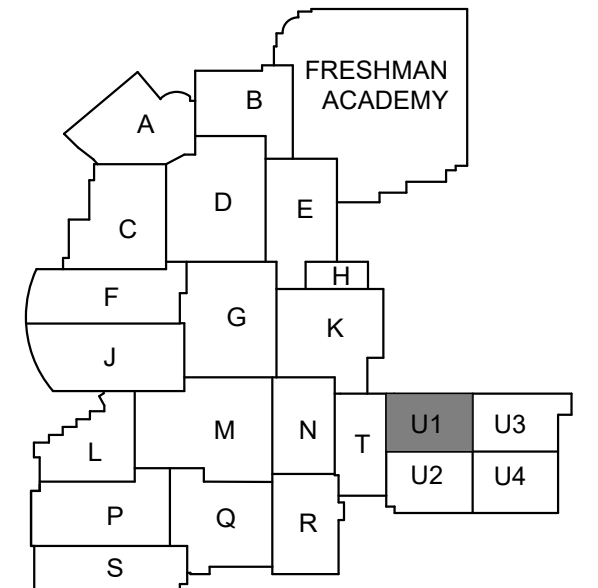
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR FIRE ALARM PLAN - UNIT U.1
1/8" = 1'-0"

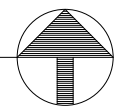


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Drawing Title:

FIRST FLOOR FIRE ALARM PLAN -
UNIT U.1



David L. Jones

Project No: 2022063.10

Project Date:

May 29, 2024

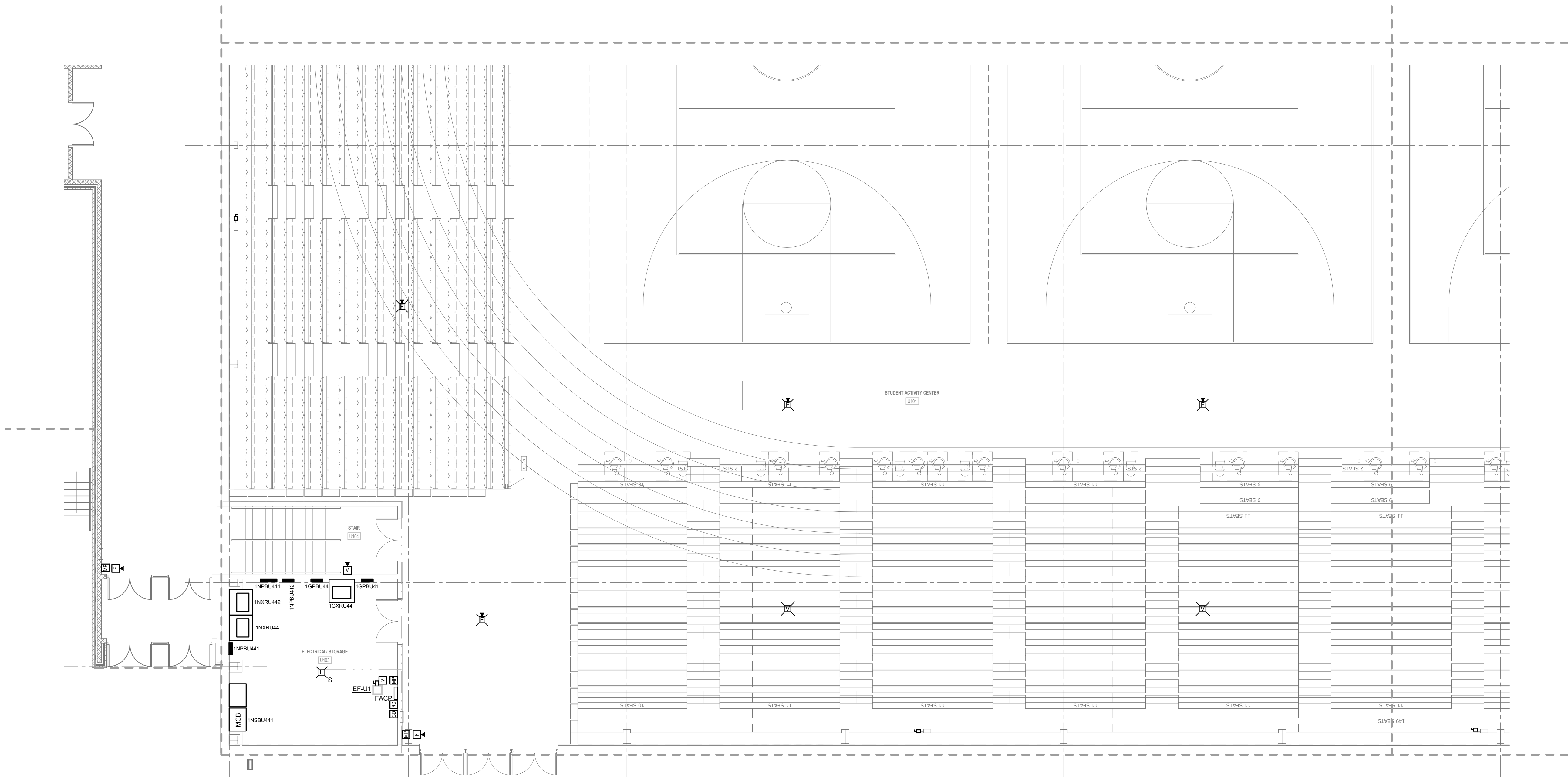
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EF1U.1

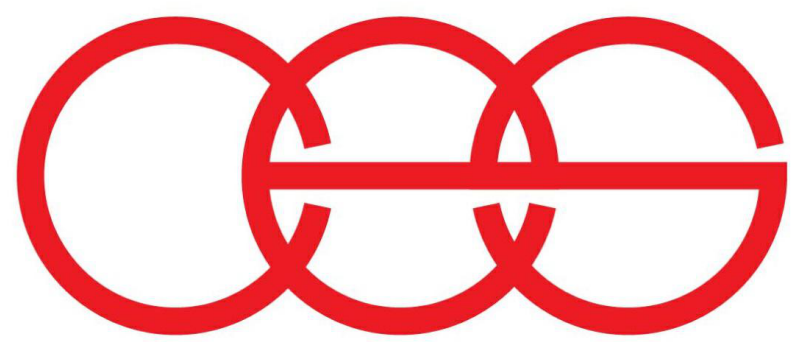
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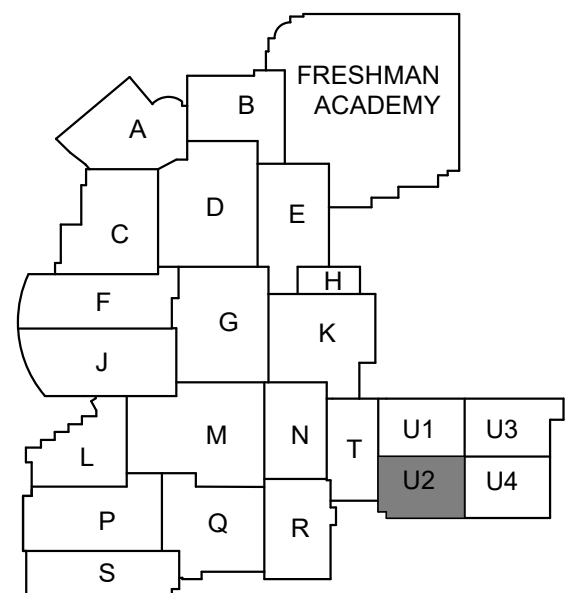
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR FIRE ALARM PLAN - UNIT U2
1/8" = 1'-0"

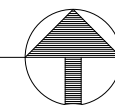


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Drawing Title:

FIRST FLOOR FIRE ALARM PLAN -
UNIT U2



David L. Jones III

Project No: 2022063.10

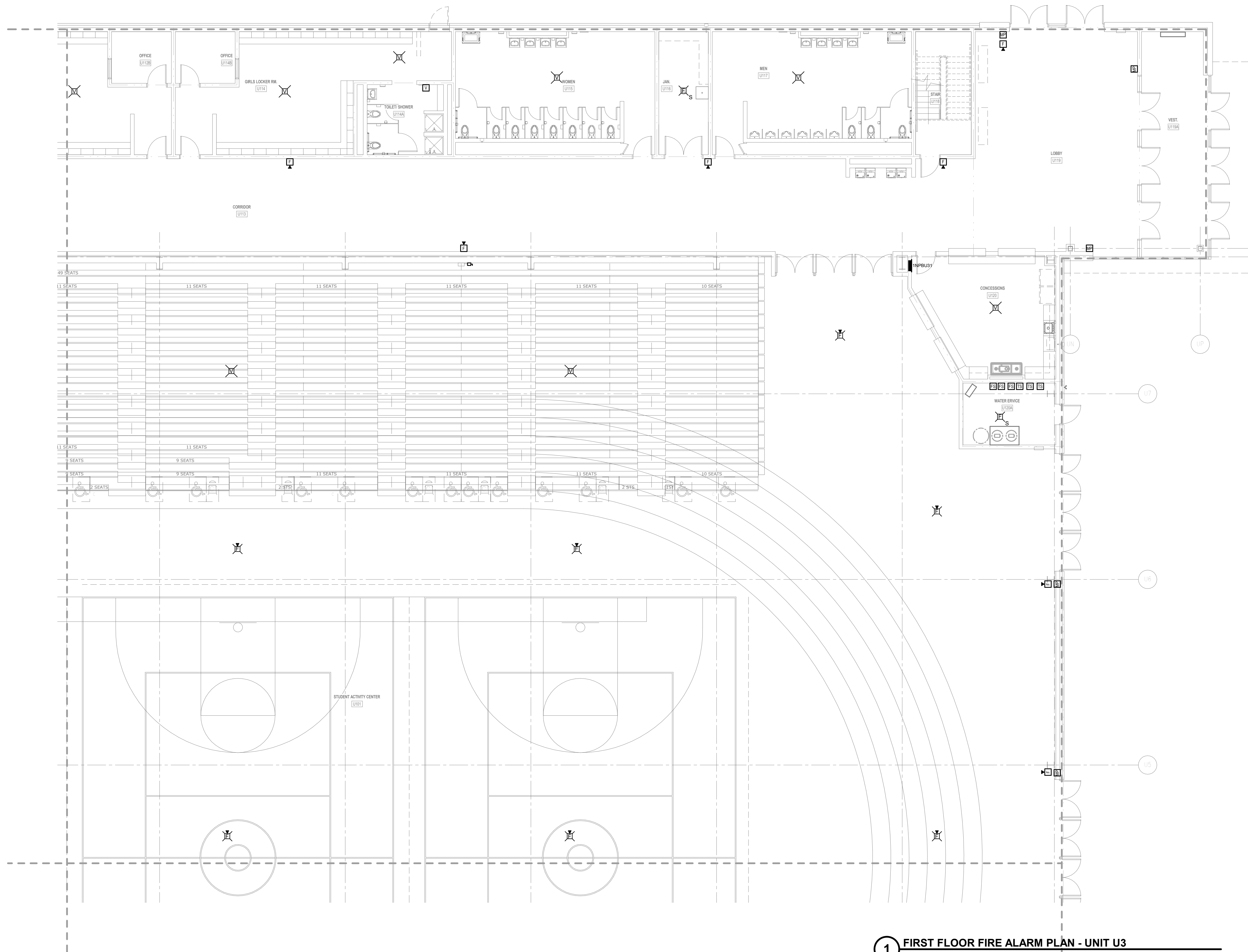
Project Date:
May 29, 2024

Drawing No:
EF1U.2

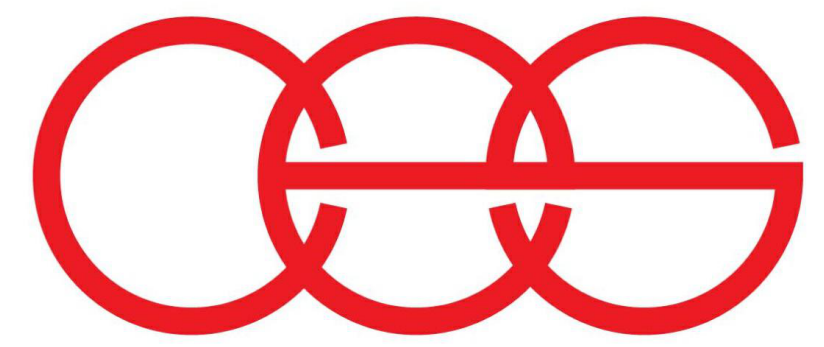
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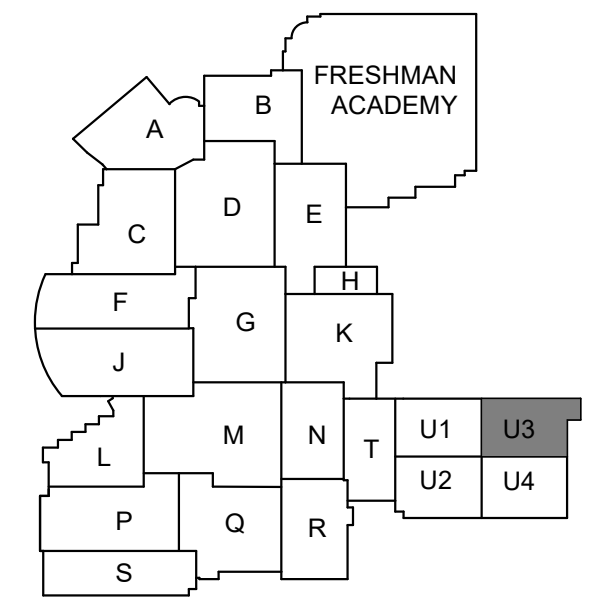
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 FIRST FLOOR FIRE ALARM PLAN - UNIT U3
1/8" = 1'-0"

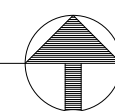


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Drawing Title:

**FIRST FLOOR FIRE ALARM PLAN -
UNIT U.3**



David L. Jones III

Project No: 2022063.10

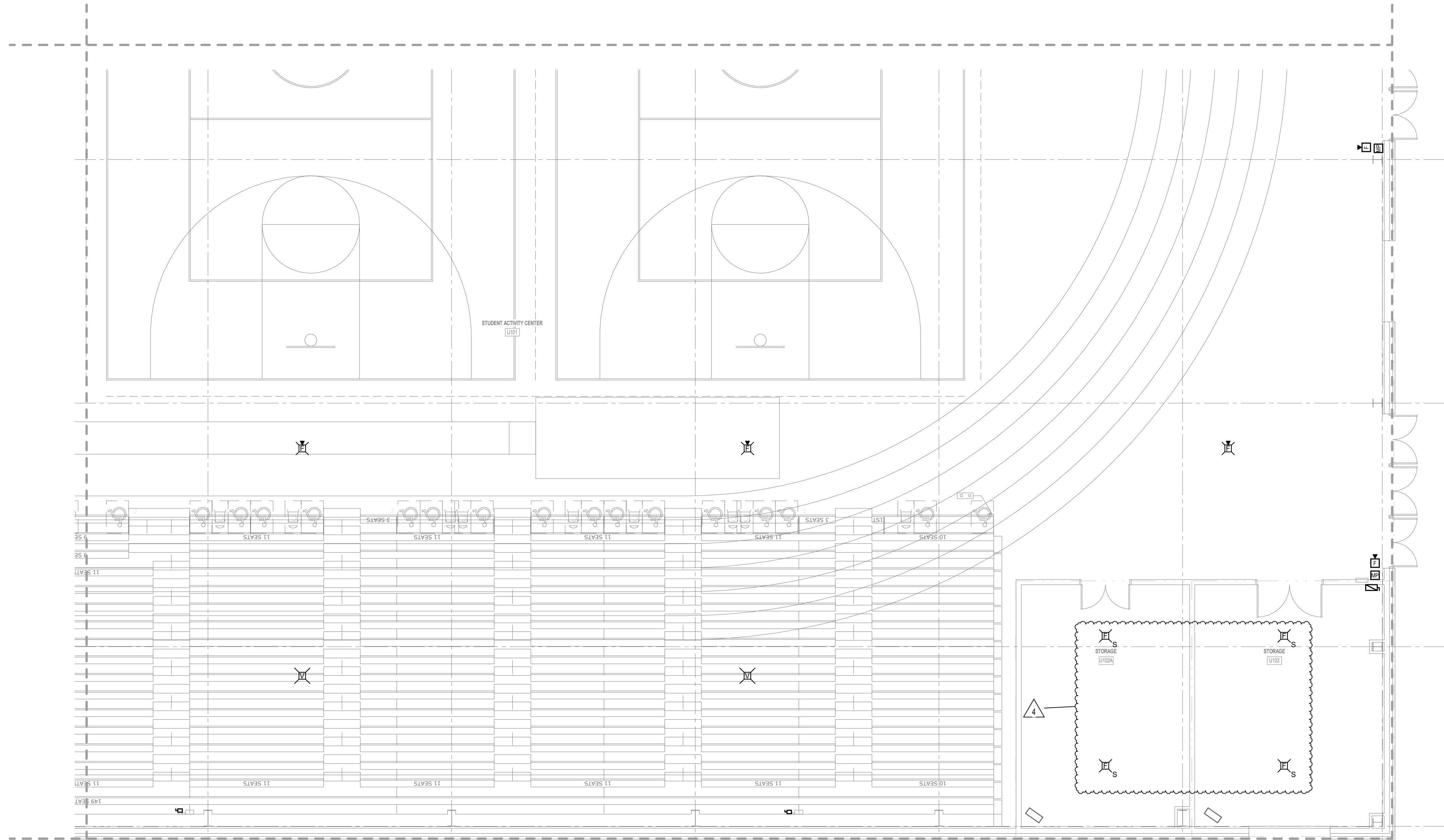
Project Date:
May 29, 2024

Drawing No:
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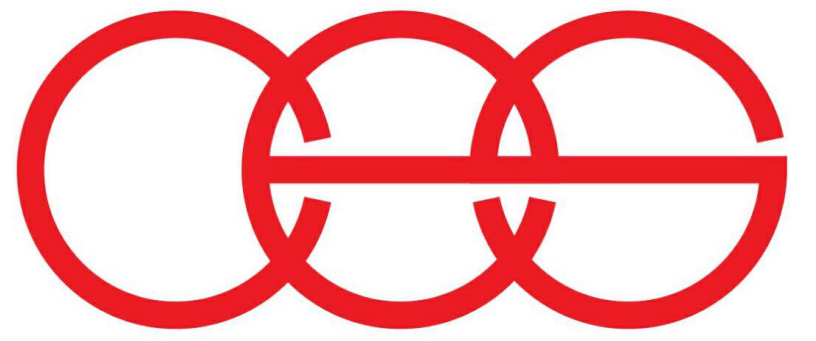
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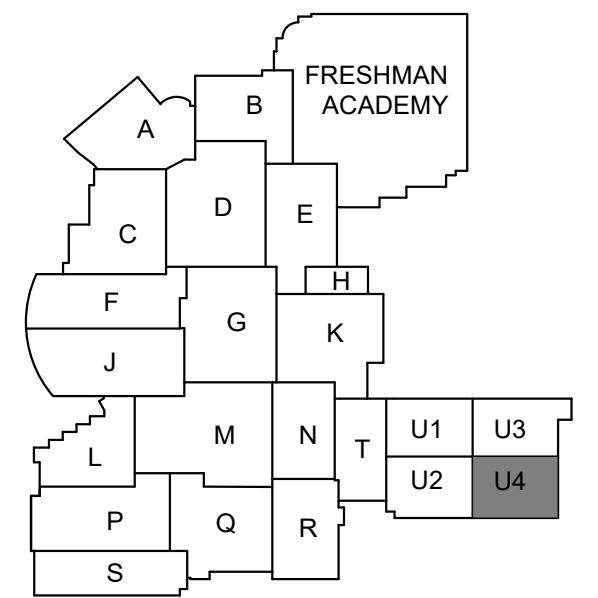
#	Revision	Date
4	ADDENDUM #4	06.24.2024



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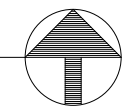


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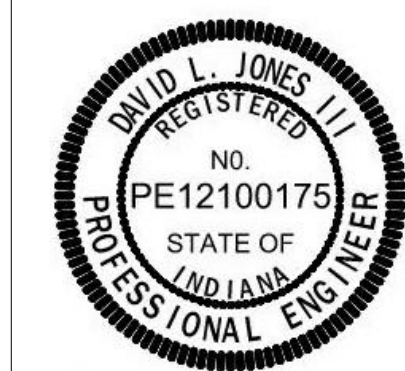
ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
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Drawing Title:

FIRST FLOOR FIRE ALARM PLAN -
UNIT U.4



David L. Jones III

Project No: 2022063.10

Project Date:

May 29, 2024

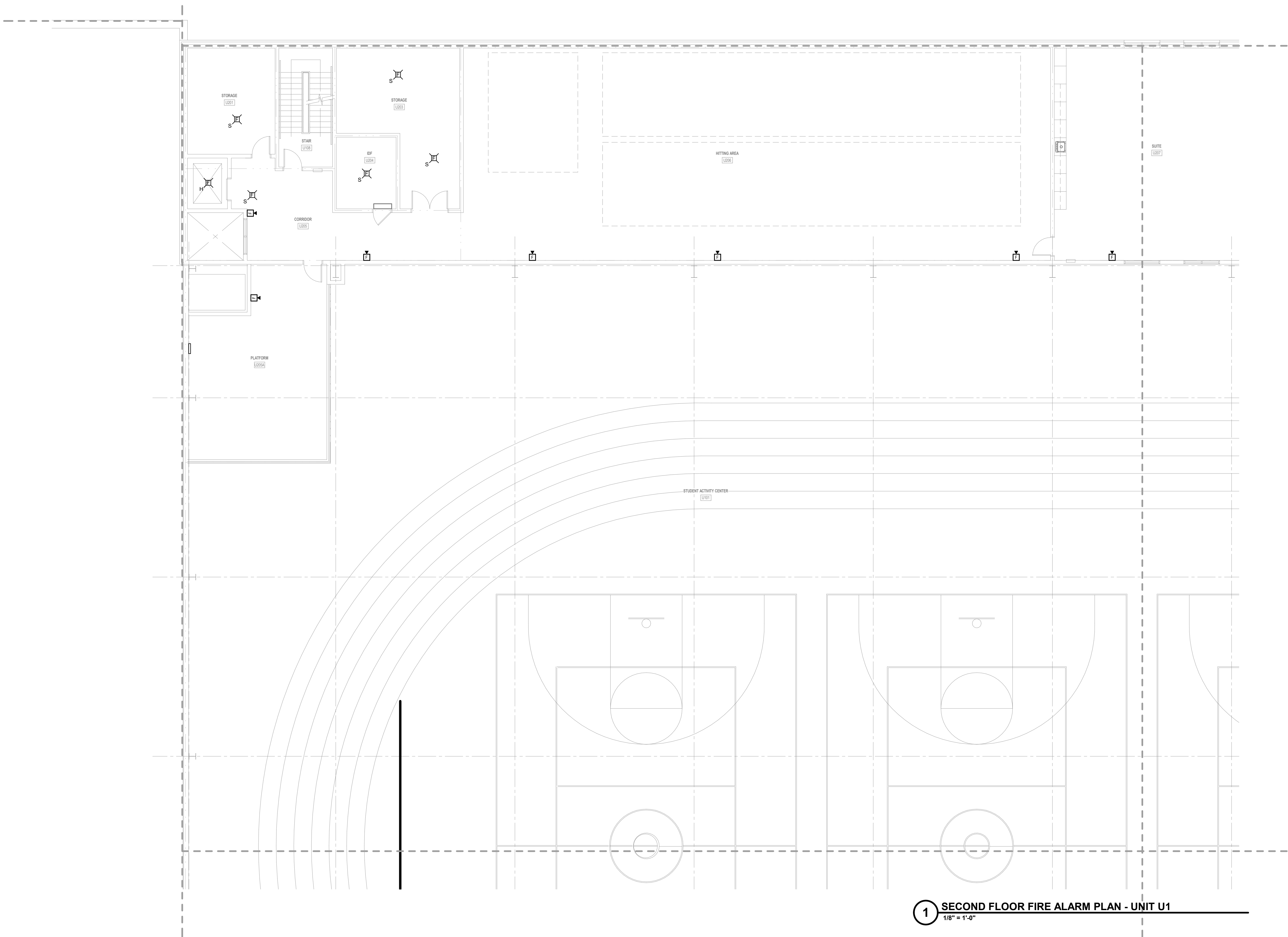
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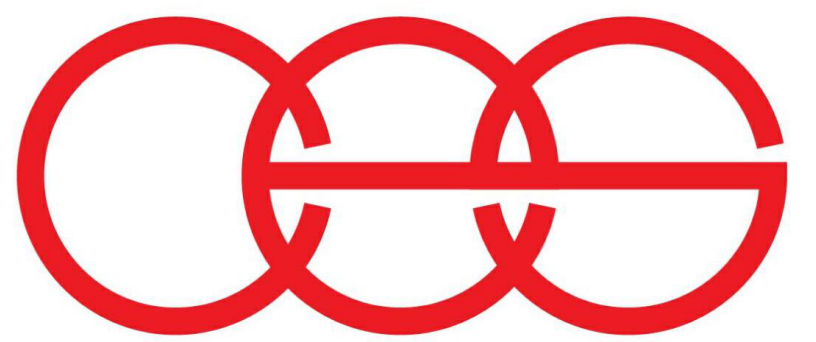
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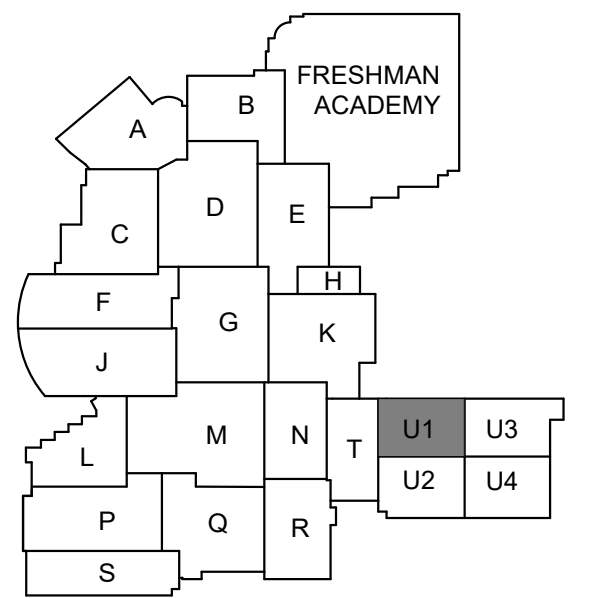
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 SECOND FLOOR FIRE ALARM PLAN - UNIT U.1
1/8" = 1'-0"

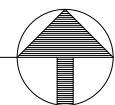


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ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

SECOND FLOOR FIRE ALARM
PLAN - UNIT U.1



David L. Jones III

Project No: 2022063.10

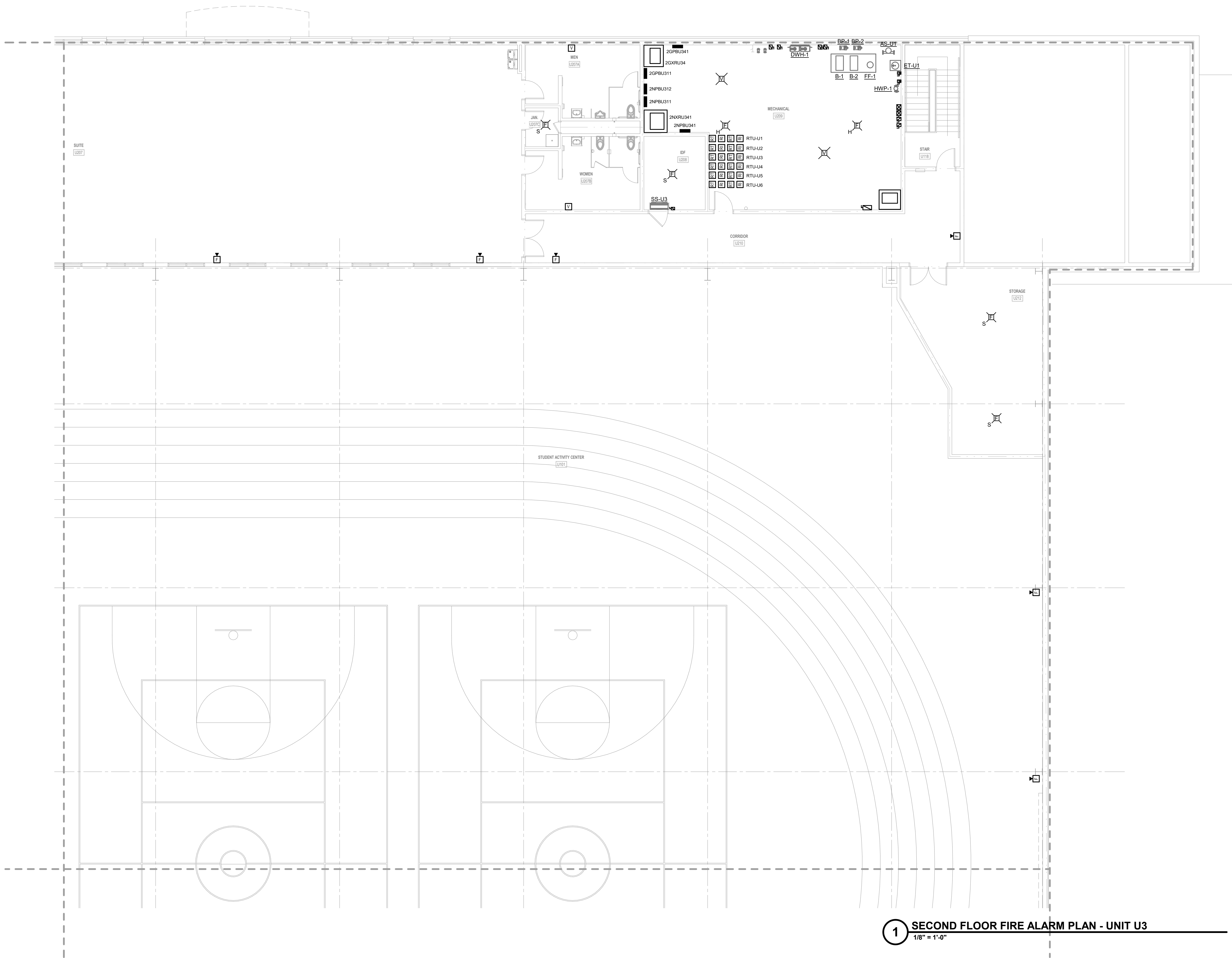
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May 29, 2024

Drawing No:
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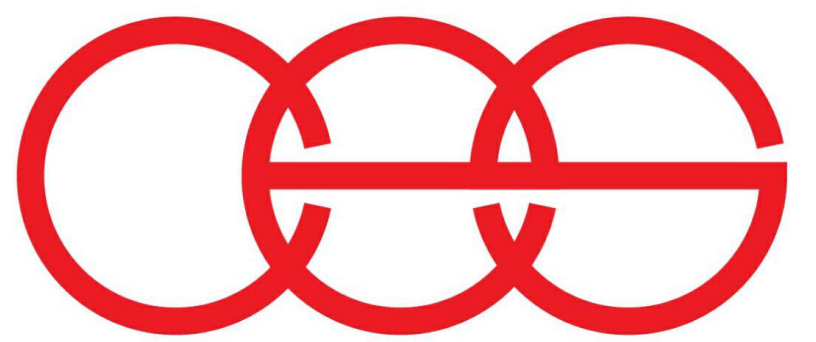
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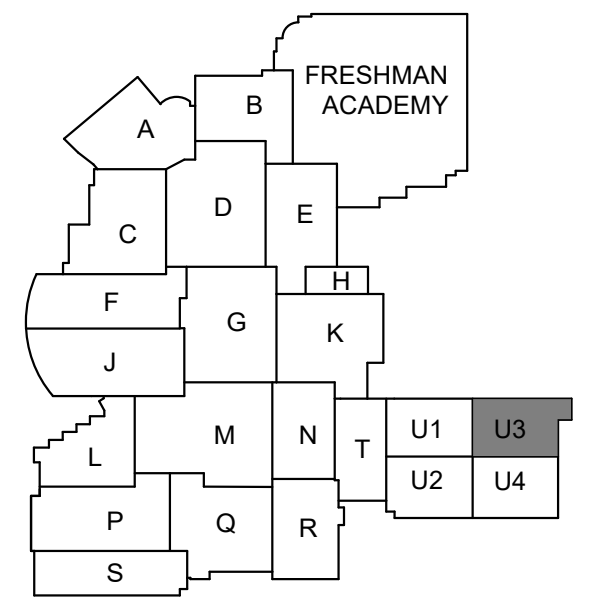
#	Revision	Date
4	ADDENDUM #4	06.24.2024



1 SECOND FLOOR FIRE ALARM PLAN - UNIT U.3
1/8" = 1'-0"

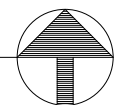


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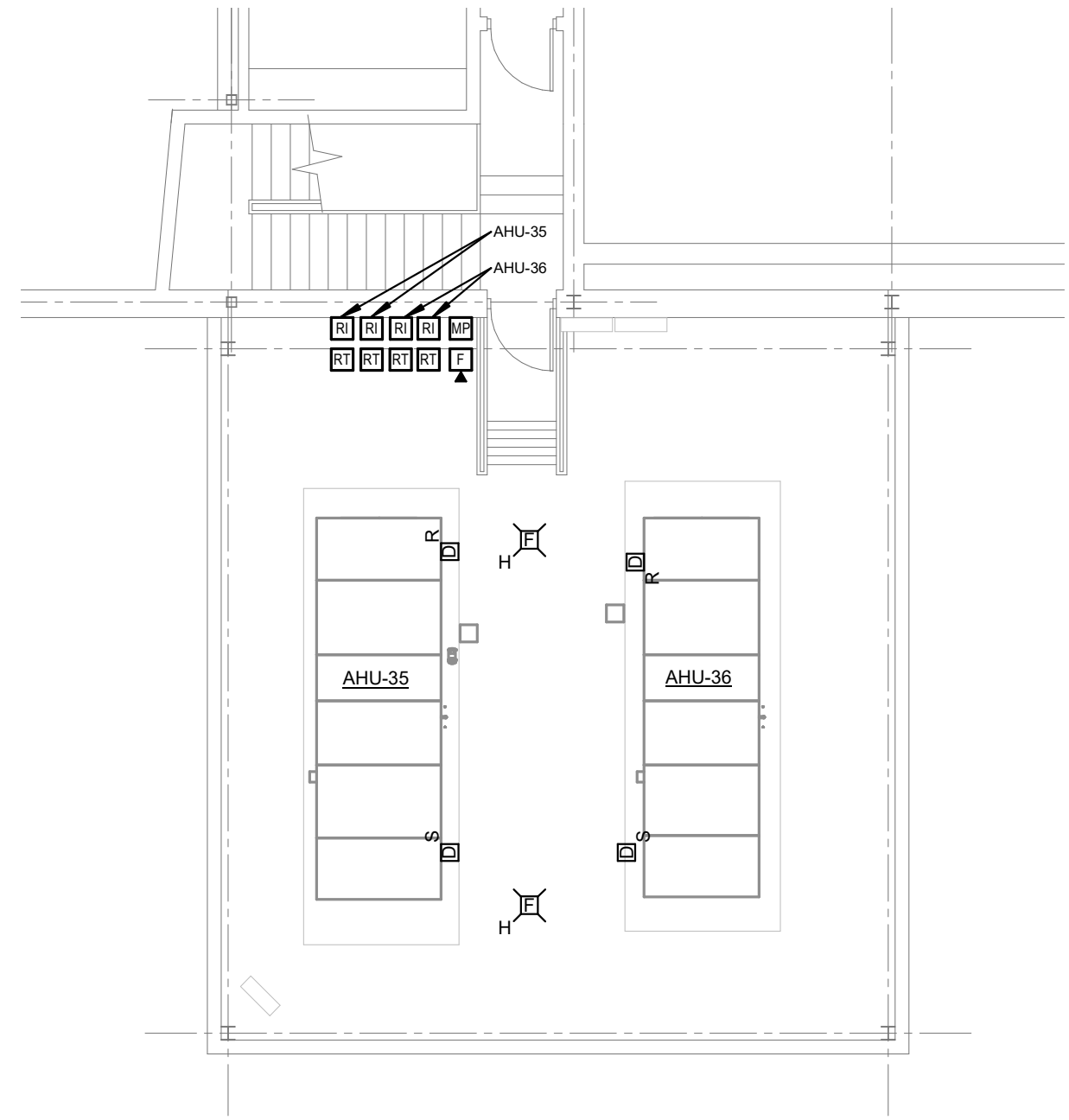
Drawing Title:

SECOND FLOOR FIRE ALARM
PLAN - UNIT U.3

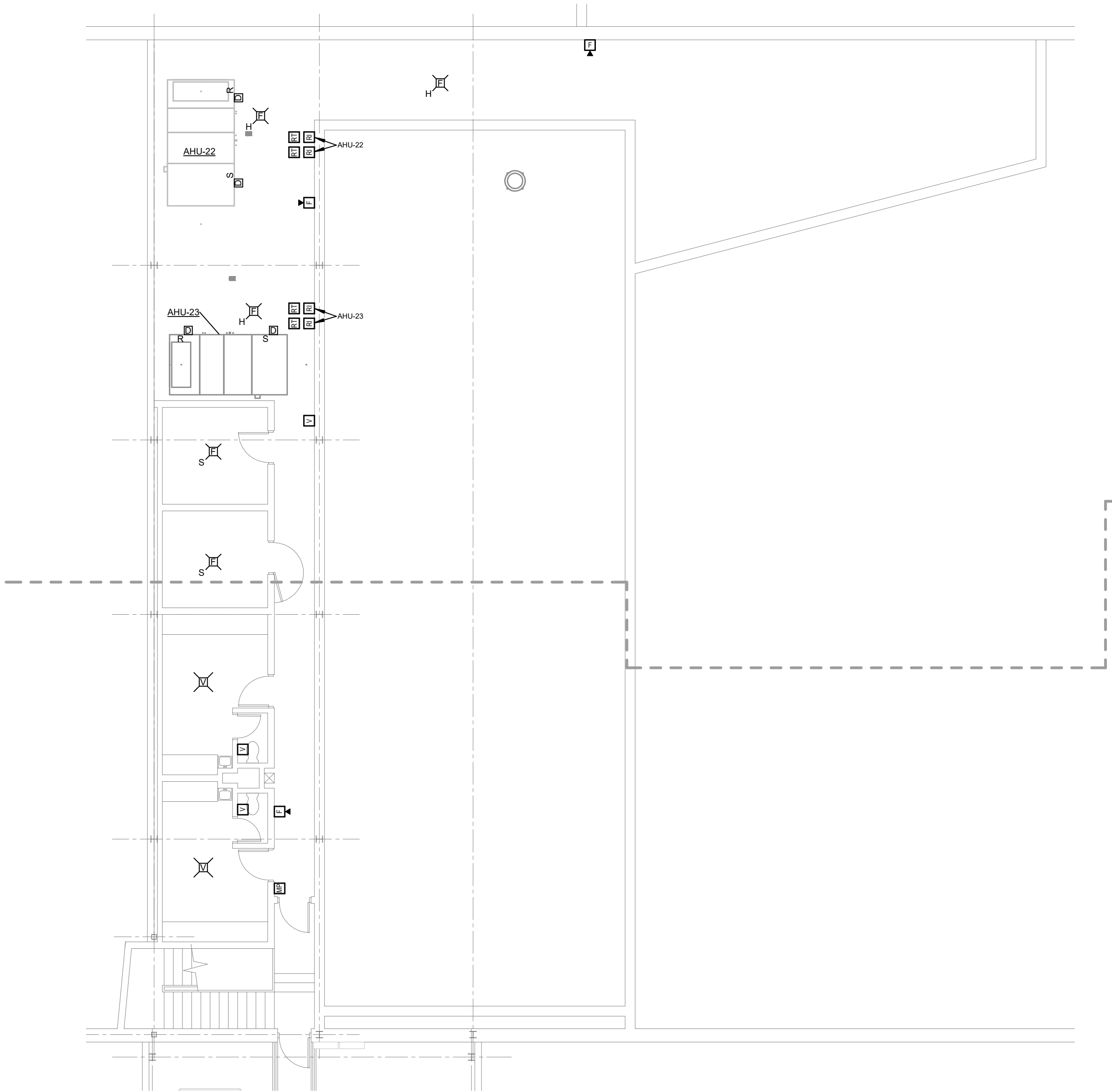


Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: EF2U.3

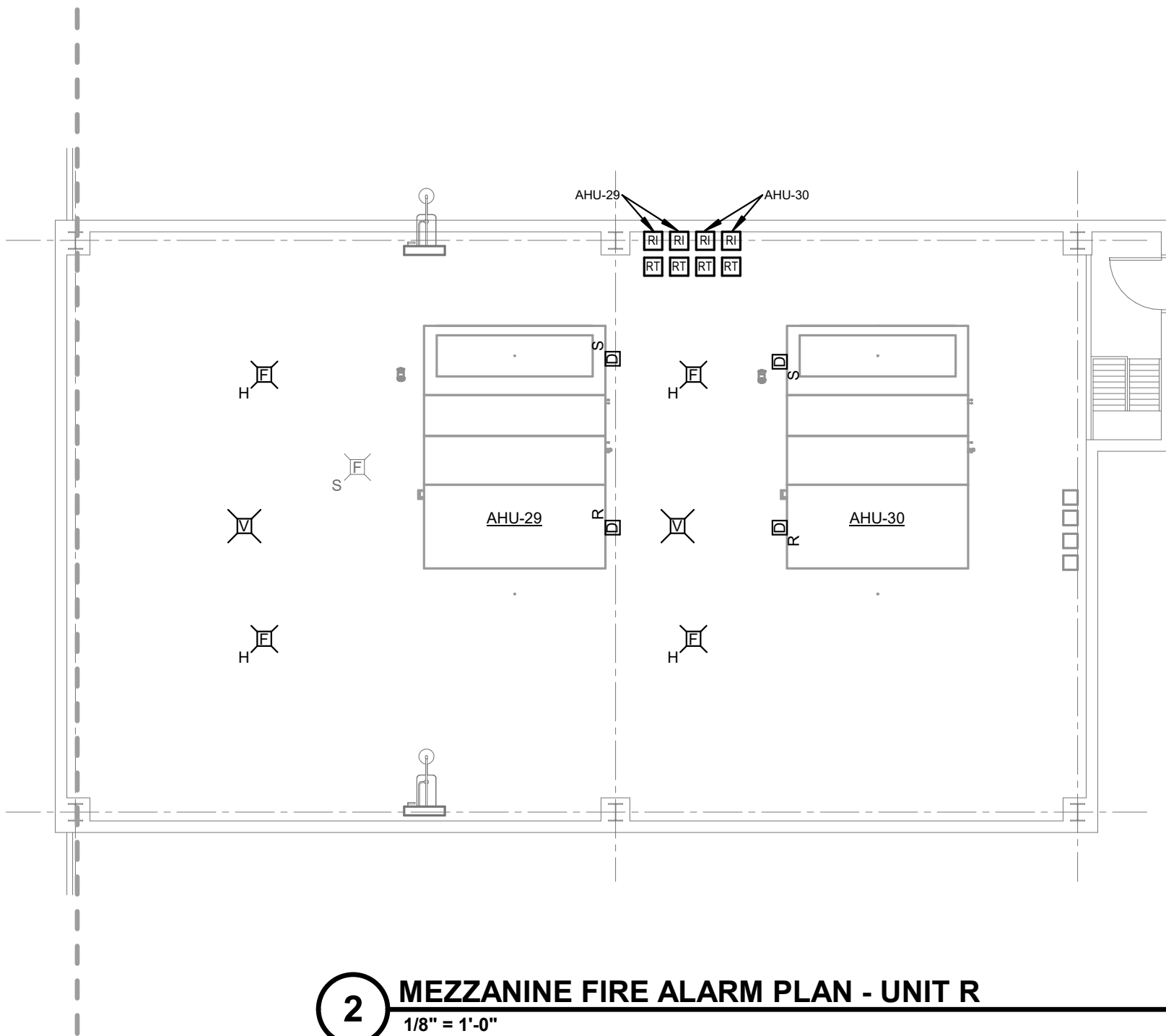
4 MEZZANINE POWER PLAN - UNIT J
1/8" = 1'-0"



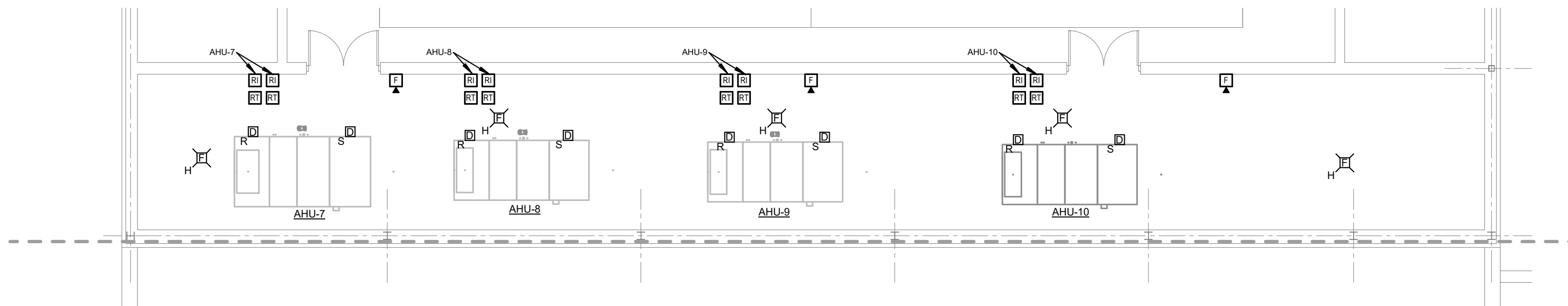
3 MEZZANINE FIRE ALARM PLAN - UNIT F
1/8" = 1'-0"



2 MEZZANINE FIRE ALARM PLAN - UNIT R
1/8" = 1'-0"

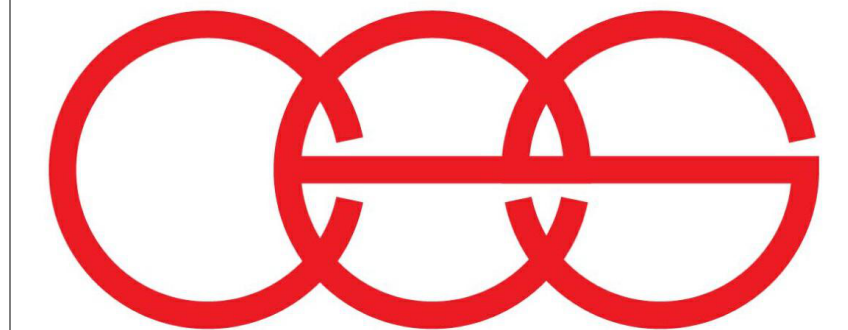


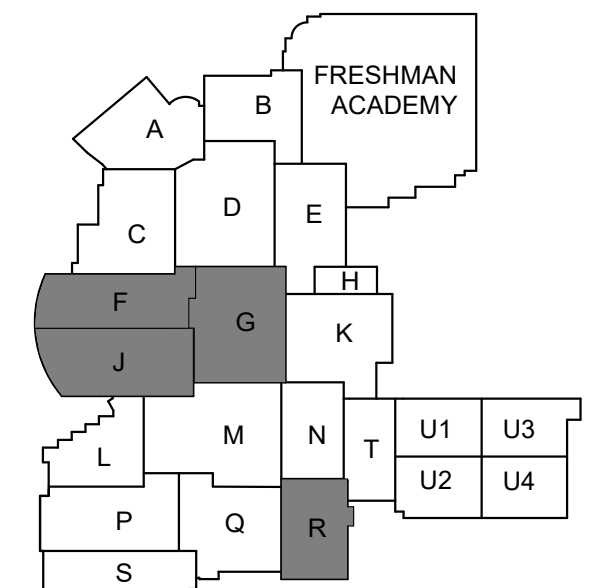
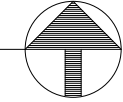
1 MEZZANINE FIRE ALARM PLAN - UNIT G
1/8" = 1'-0"



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E	REFER TO ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS AND ELEVATIONS.	

#	Revision	Date
4	ADDENDUM #4	06.24.2024


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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA
Drawing Title:
MEZZANINE FIRE ALARM PLANS

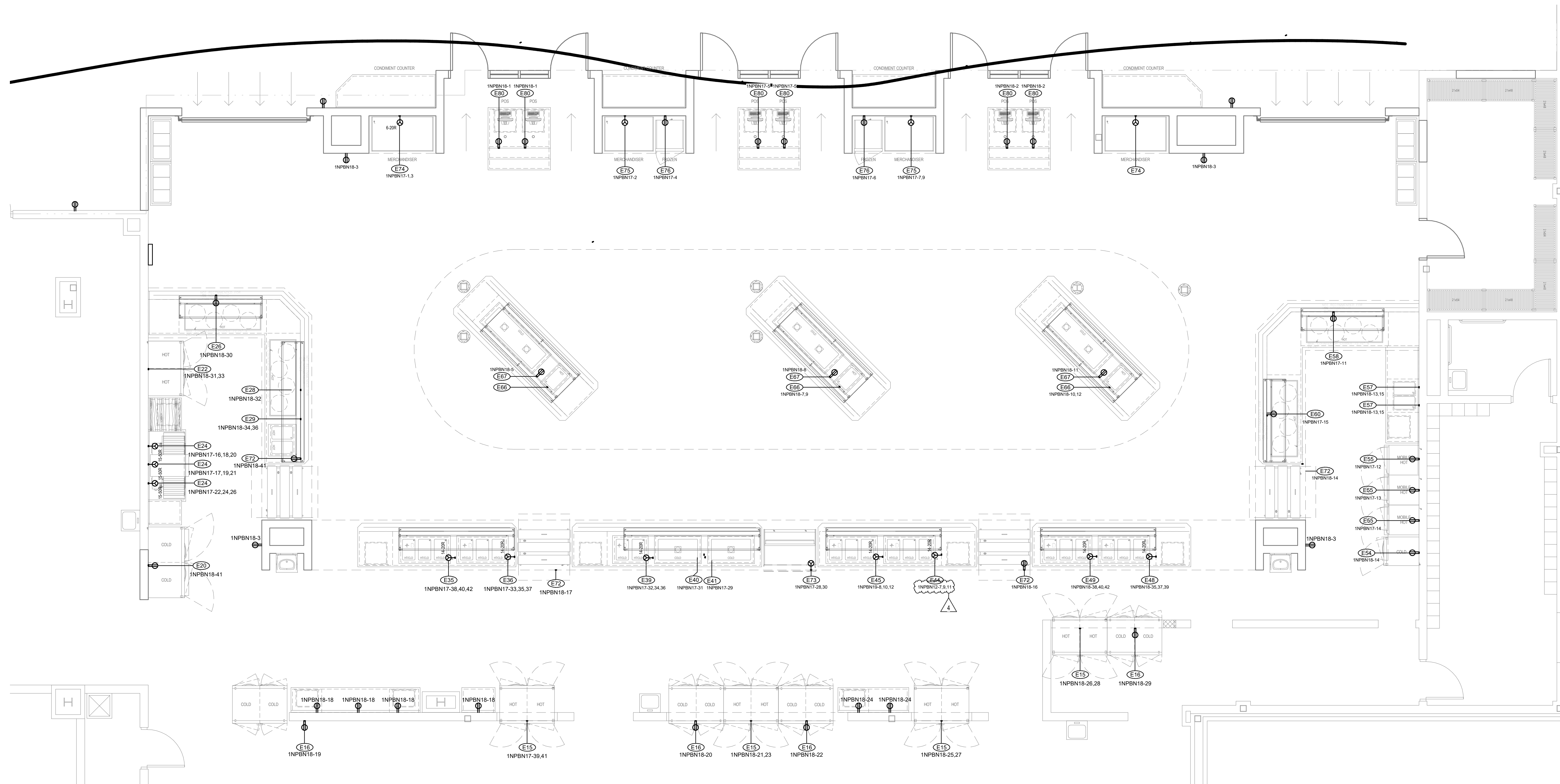
 <i>David L. Jones III</i>	Project No: 2022063.10
	Project Date: May 29, 2024
	Drawing No: EF2X

#	Revision	Date
4	ADDENDUM #4	06.24.2024

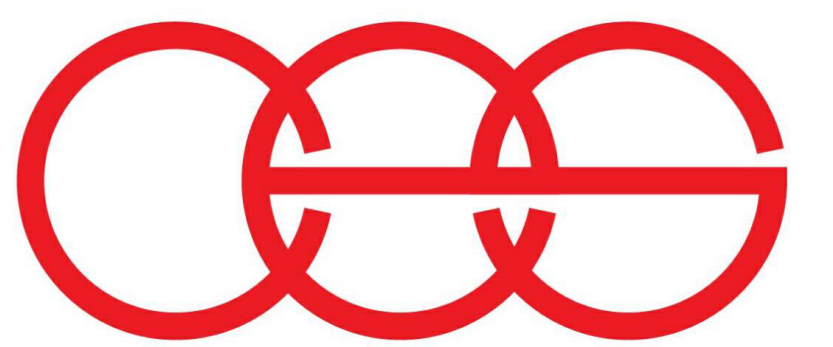
GENERAL ENLARGED POWER NOTES

A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B REFER TO ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS AND ELEVATIONS.

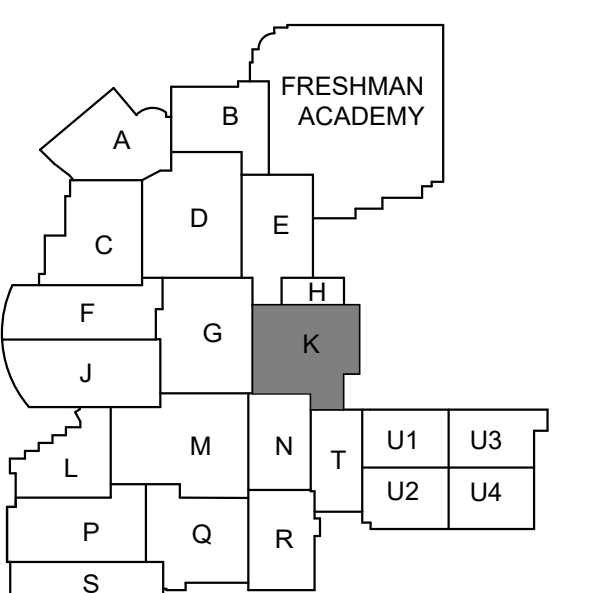
**REFER TO FOOD SERVICE DRAWINGS FOR
EQUIPMENT CONNECTION TYPE, ELEVATION AND
EXACT LOCATION.**



1 ENLARGED FIRST FLOOR SERVING LINE PLAN - UNIT K
1/4" = 1'-0"



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PHASE 2B**

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

ENLARGED FIRST FLOOR SERVING LINE PLAN - UNIT K

Project No: _____

Project No: 2022063.10

Project Date: _____

May 29, 2024

Drawing No:

E401



David L. Jones III

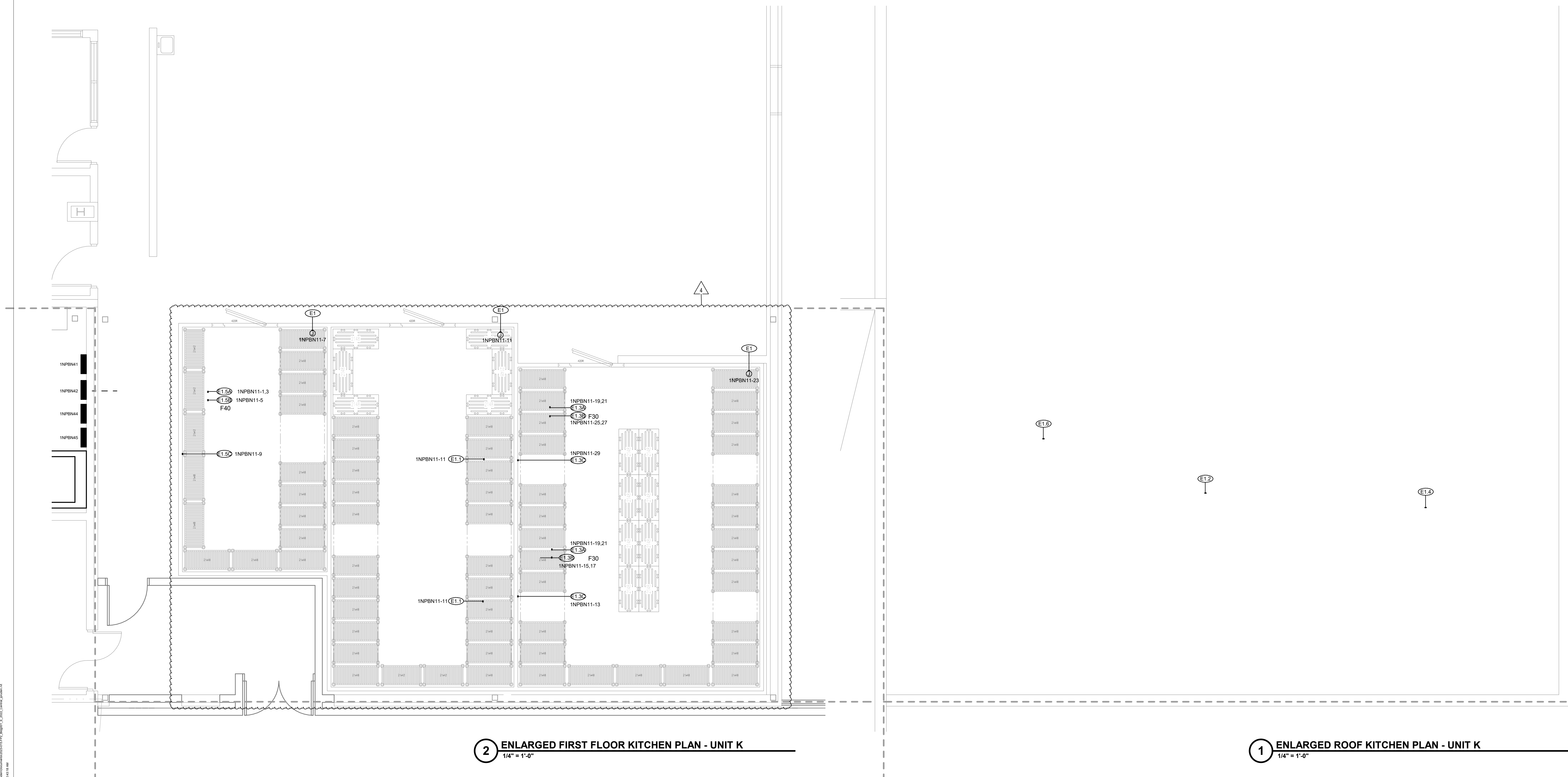
#	Revision	Date
4	ADDENDUM #4	06.24.2024

GENERAL ENLARGED POWER NOTES

A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.

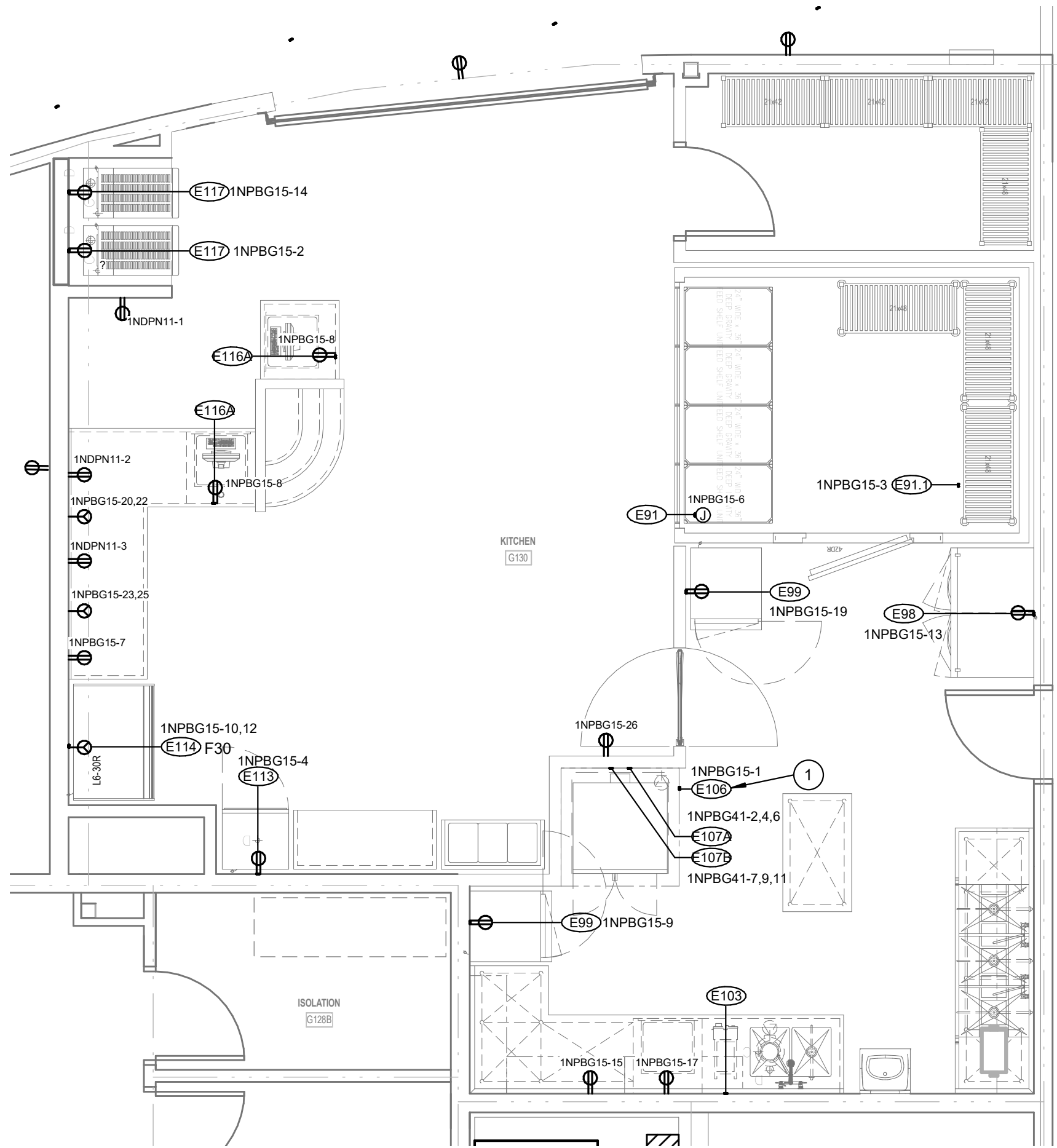
B REFER TO ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS AND ELEVATIONS.

REFER TO FOOD SERVICE DRAWINGS FOR
EQUIPMENT CONNECTION TYPE, ELEVATION AND
EXACT LOCATION.



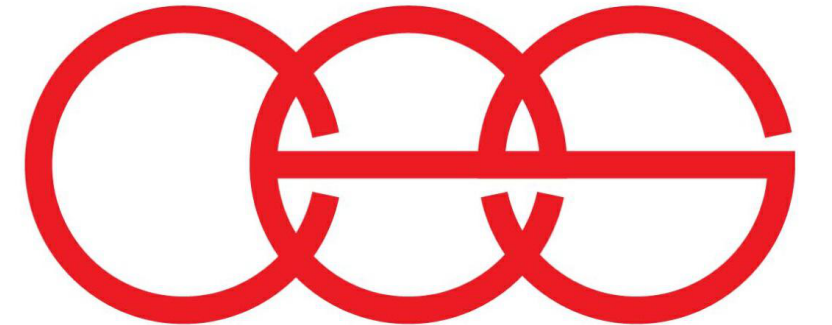
A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B REFER TO ARCHITECTURAL DRAWINGS FOR ALL LOCATIONS AND ELEVATIONS

**REFER TO FOOD SERVICE DRAWINGS FOR
EQUIPMENT CONNECTION TYPE, ELEVATION AND
EXACT LOCATION.**

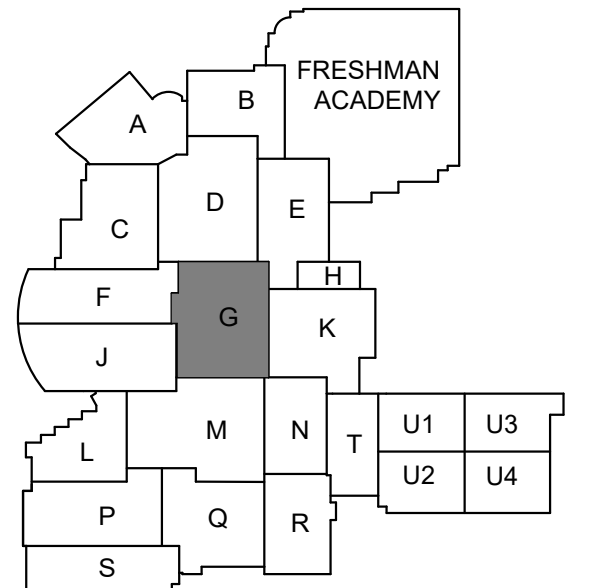


1 ENLARGED FIRST FLOOR KITCHEN PLAN - UNIT G
1/4" = 1'-0"

#	Revision	Date
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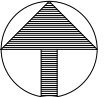


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PHASE 2B**

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

ENLARGED KITCHEN PLANS -
UNIT G

Project No: 2022063.10

Project Date:
May 29, 2024

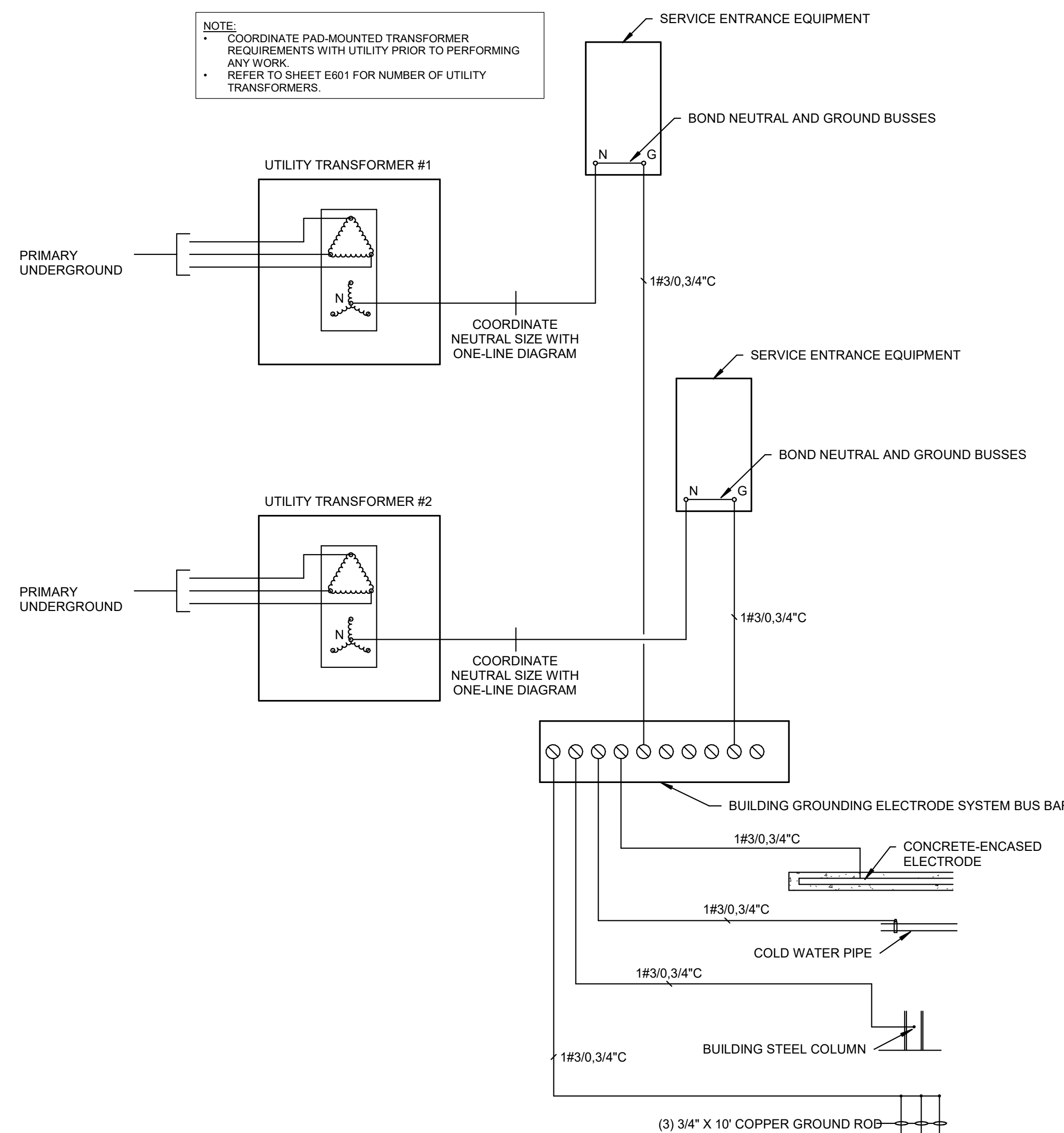
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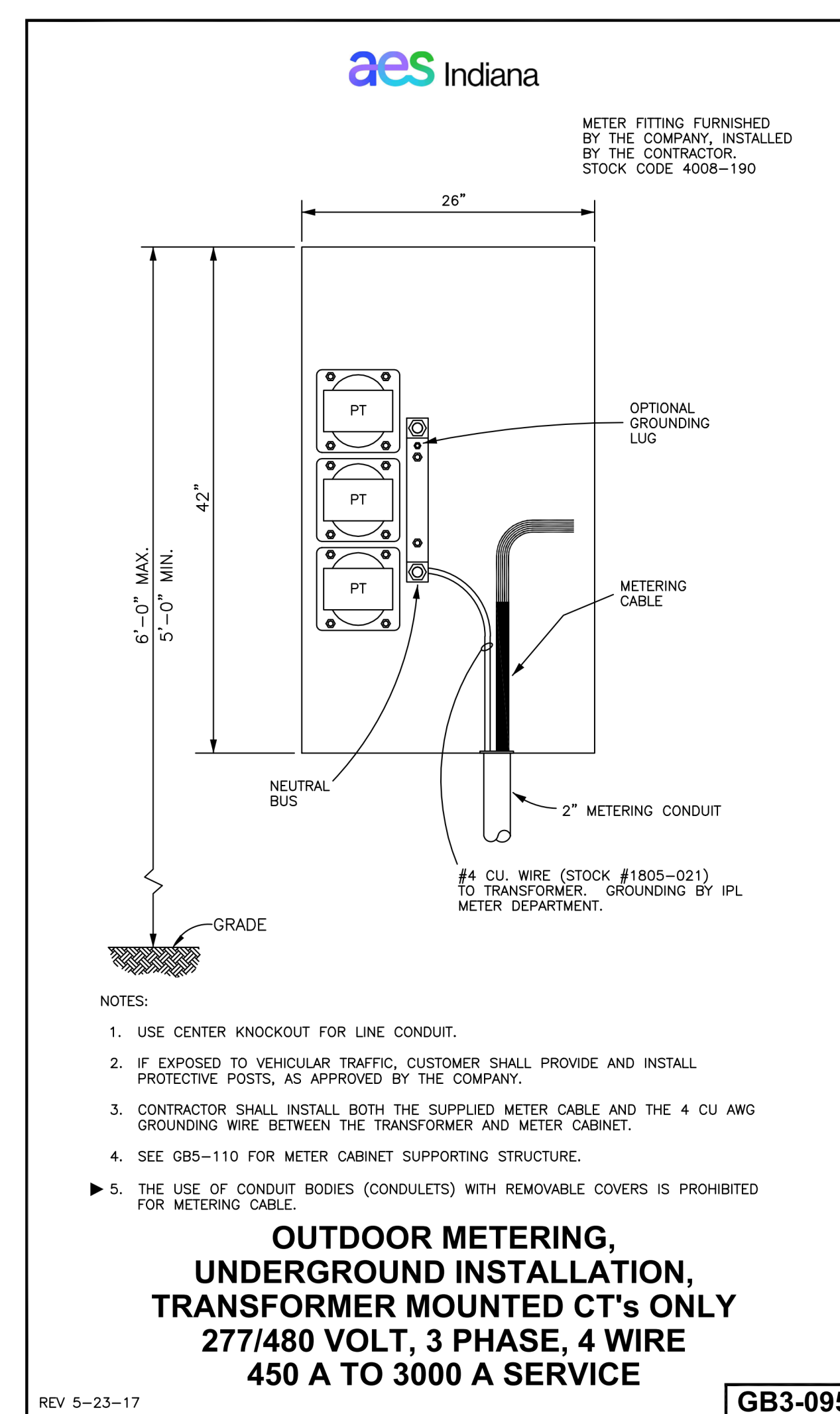
David L. Jones III

E403

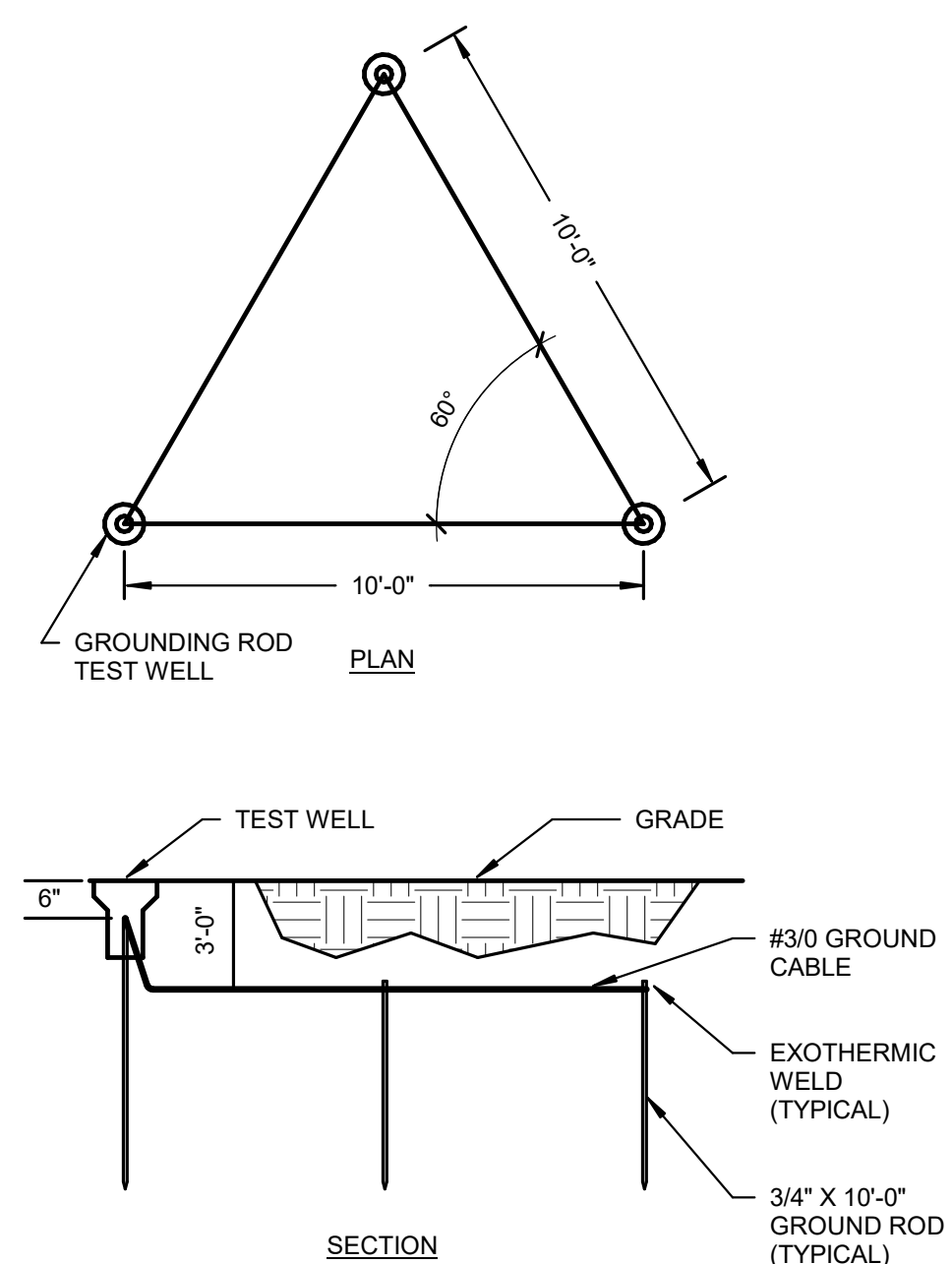
#	Revision	Date
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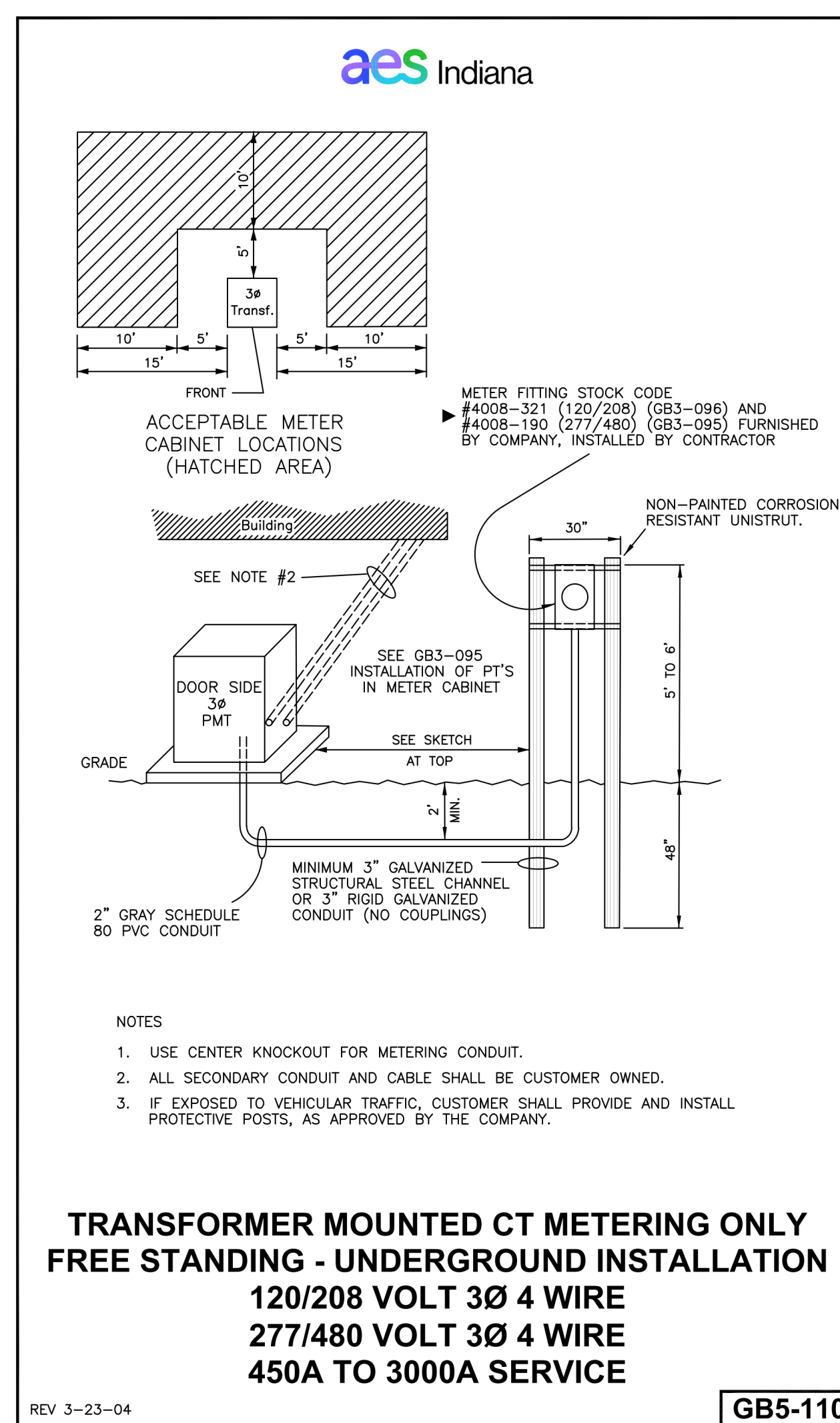
4 SERVICE ENTRANCE GROUNDING AND BONDING DIAGRAM
NOT TO SCALE



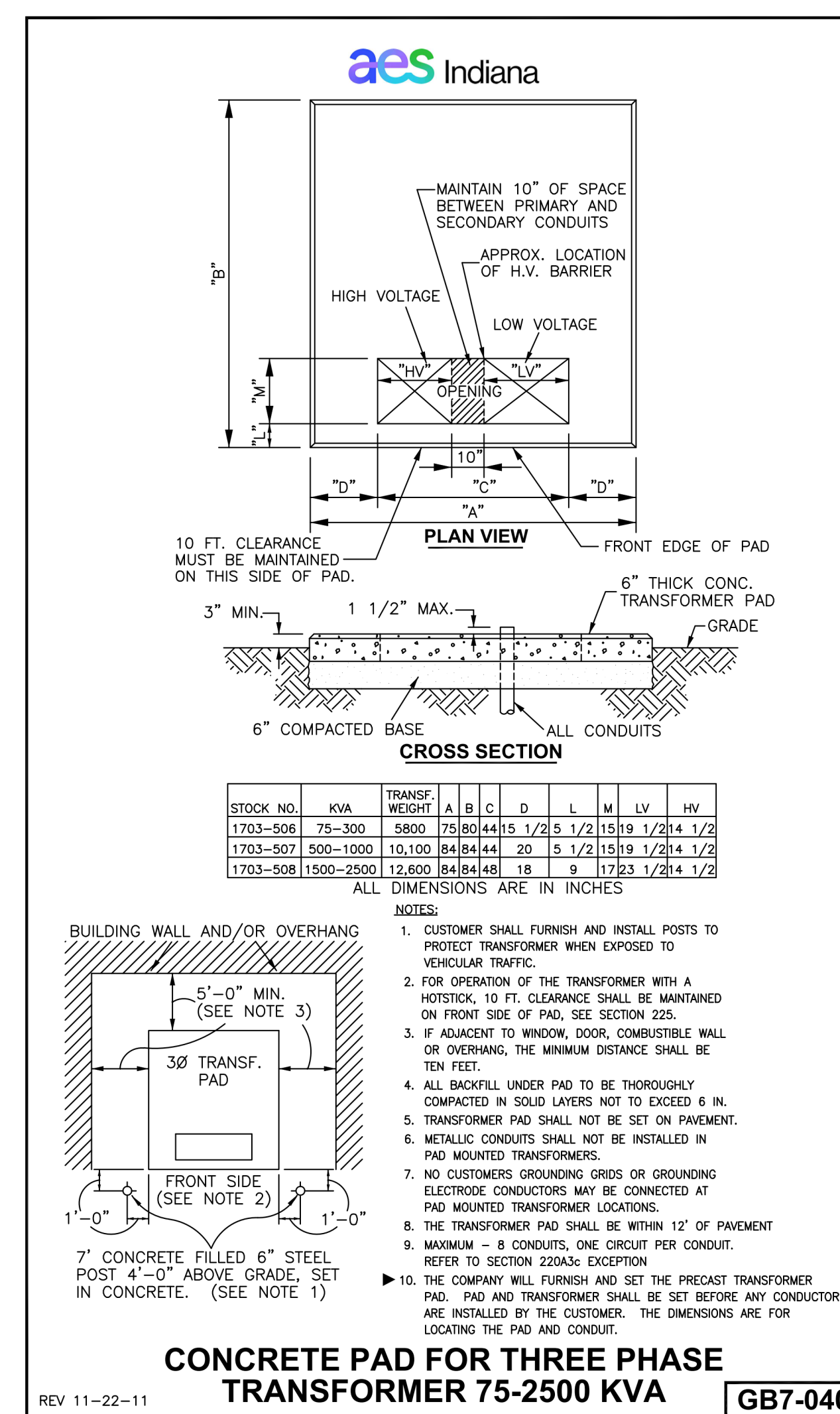
2 AES INDIANA OUTDOOR METERING
NOT TO SCALE



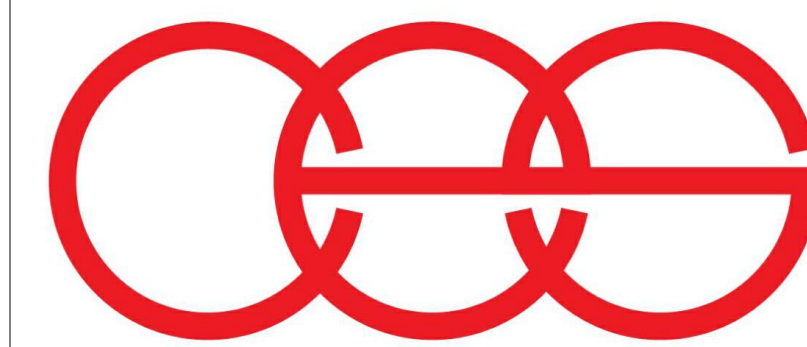
5 **GROUNDING GRID/TRIANGLE DETAIL**
NOT TO SCALE



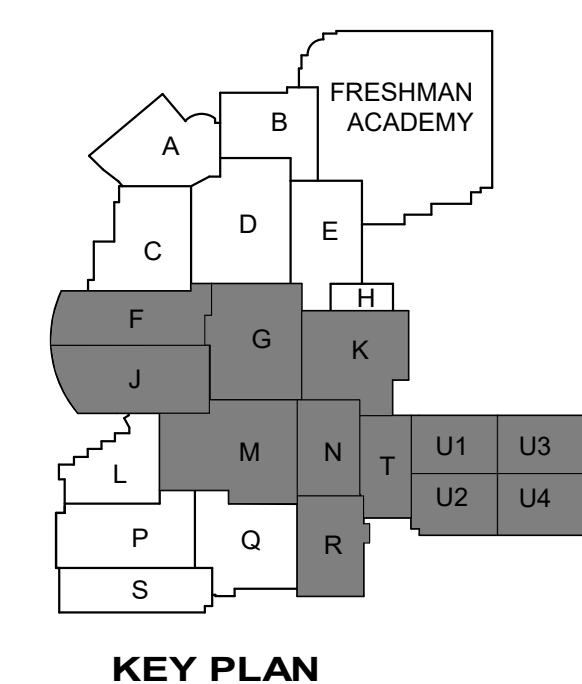
3 AES INDIANA TRANSFORMER MOUNTED CT MEETERING ONLY FREESTANDING
NOT TO SCALE



1 AES INDIANA CONCRETE PAD FOR THREE PHASE TRANSFORMER 75-2500KVA
NOT TO SCALE



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PHASE 2B**
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Drawing Title:

UTILITY DETAILS

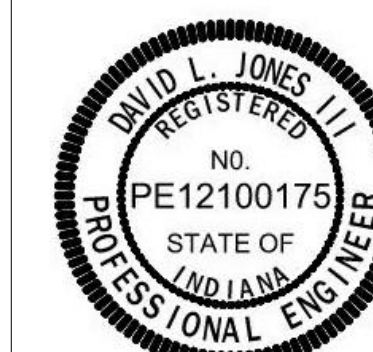
Project No: 2023063 10

Project Date:

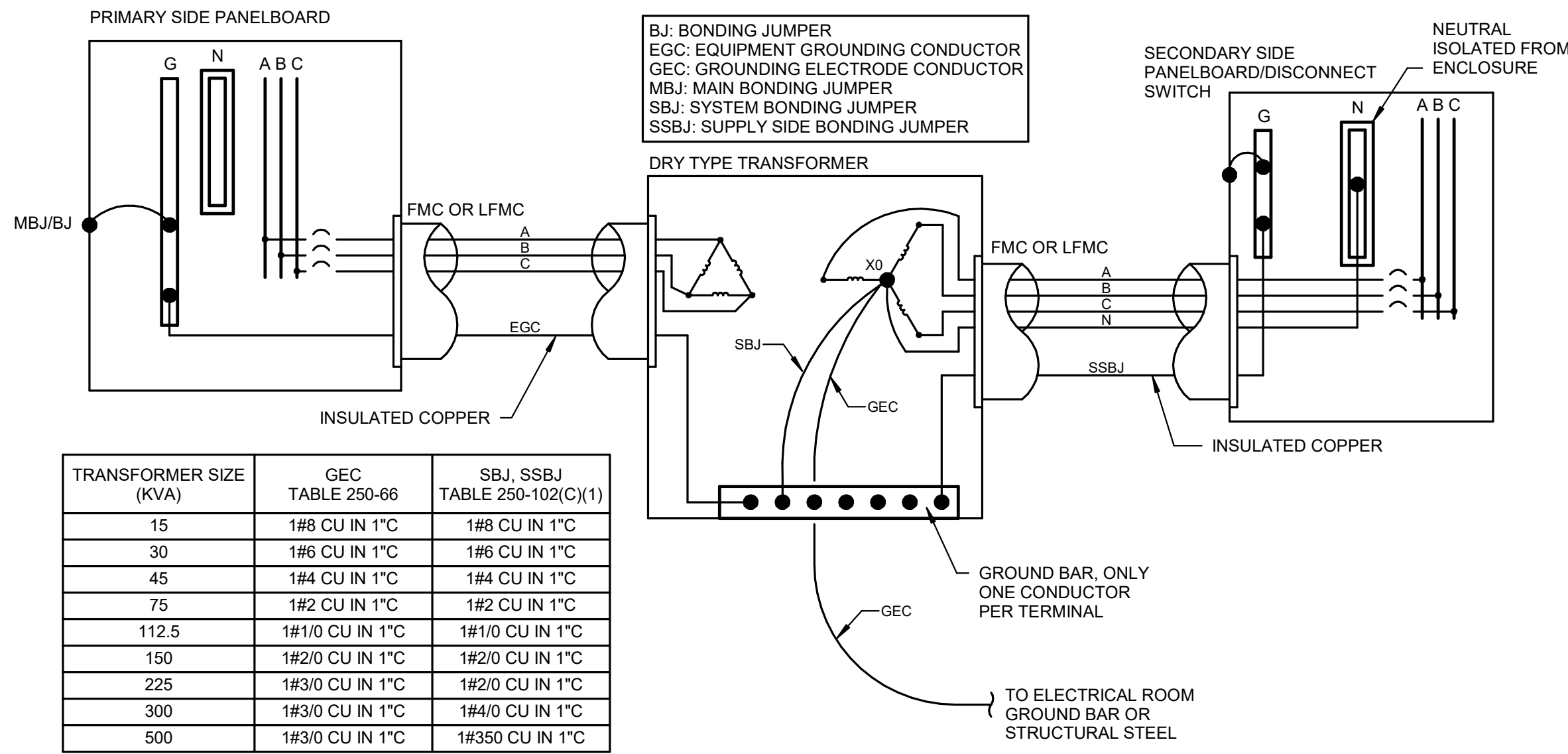
May 29, 2024

Drawing No:

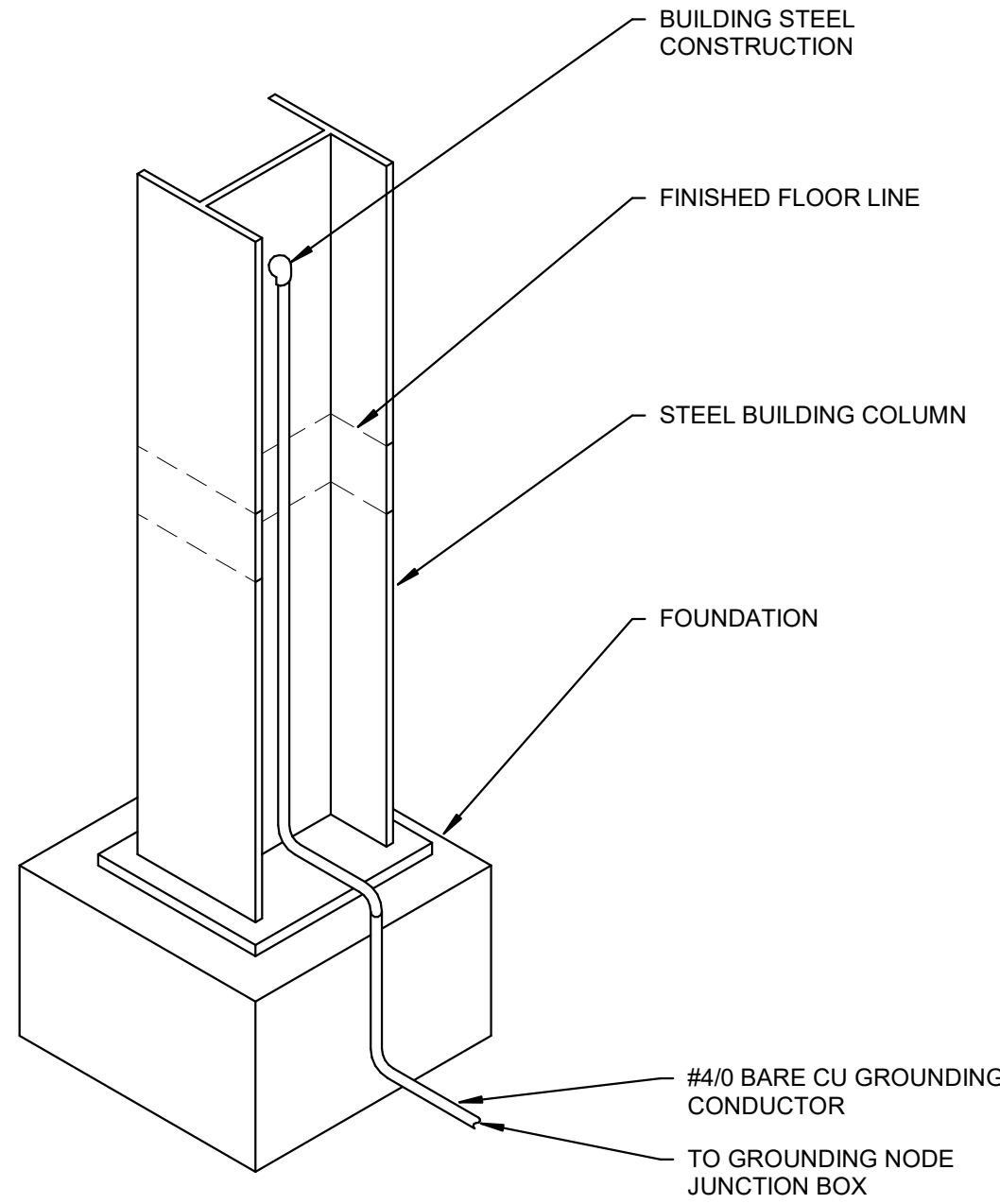
E501



David L. Jones III

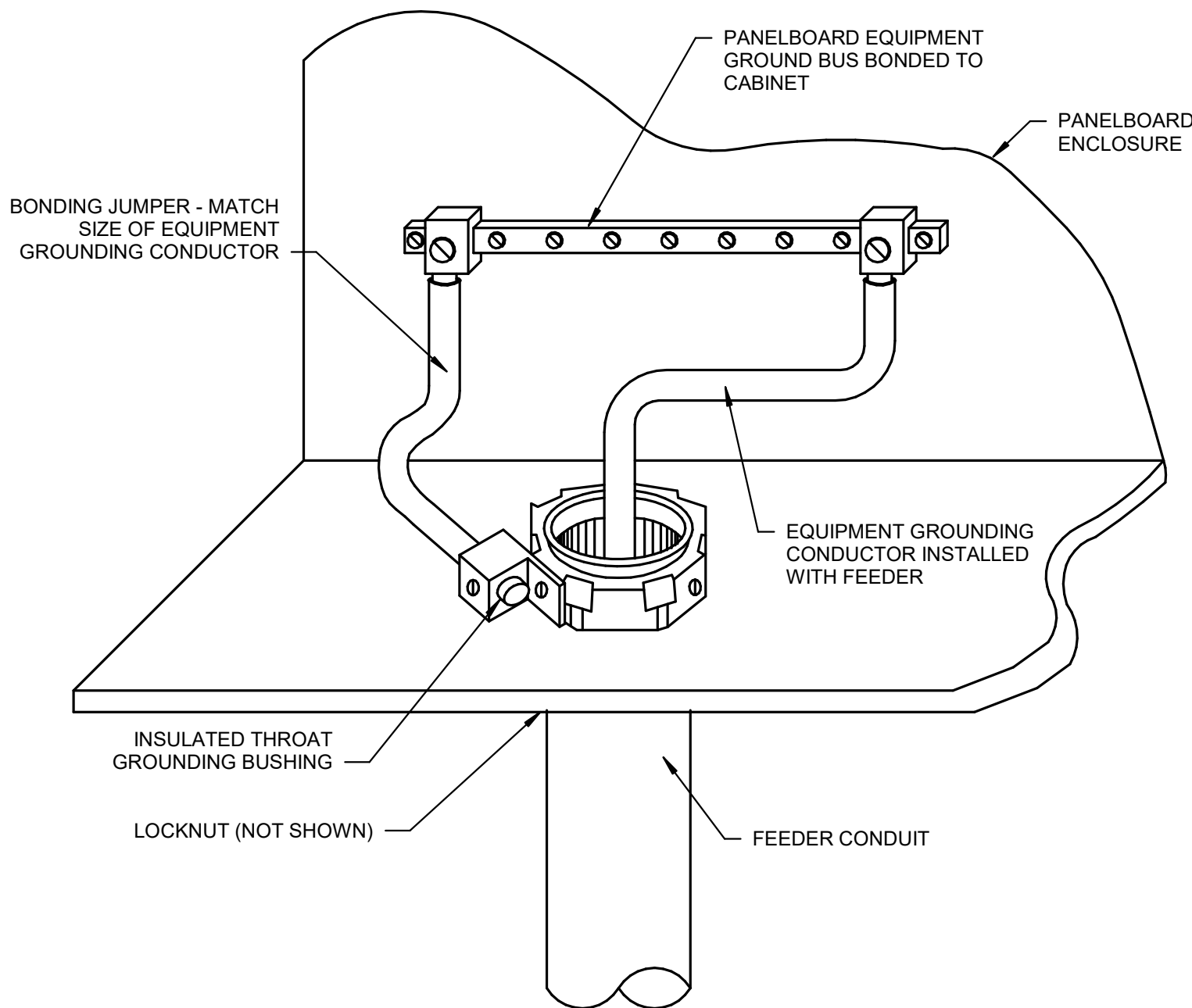


6 DRY TYPE TRANSFORMER GROUNDING DETAIL
NOT TO SCALE

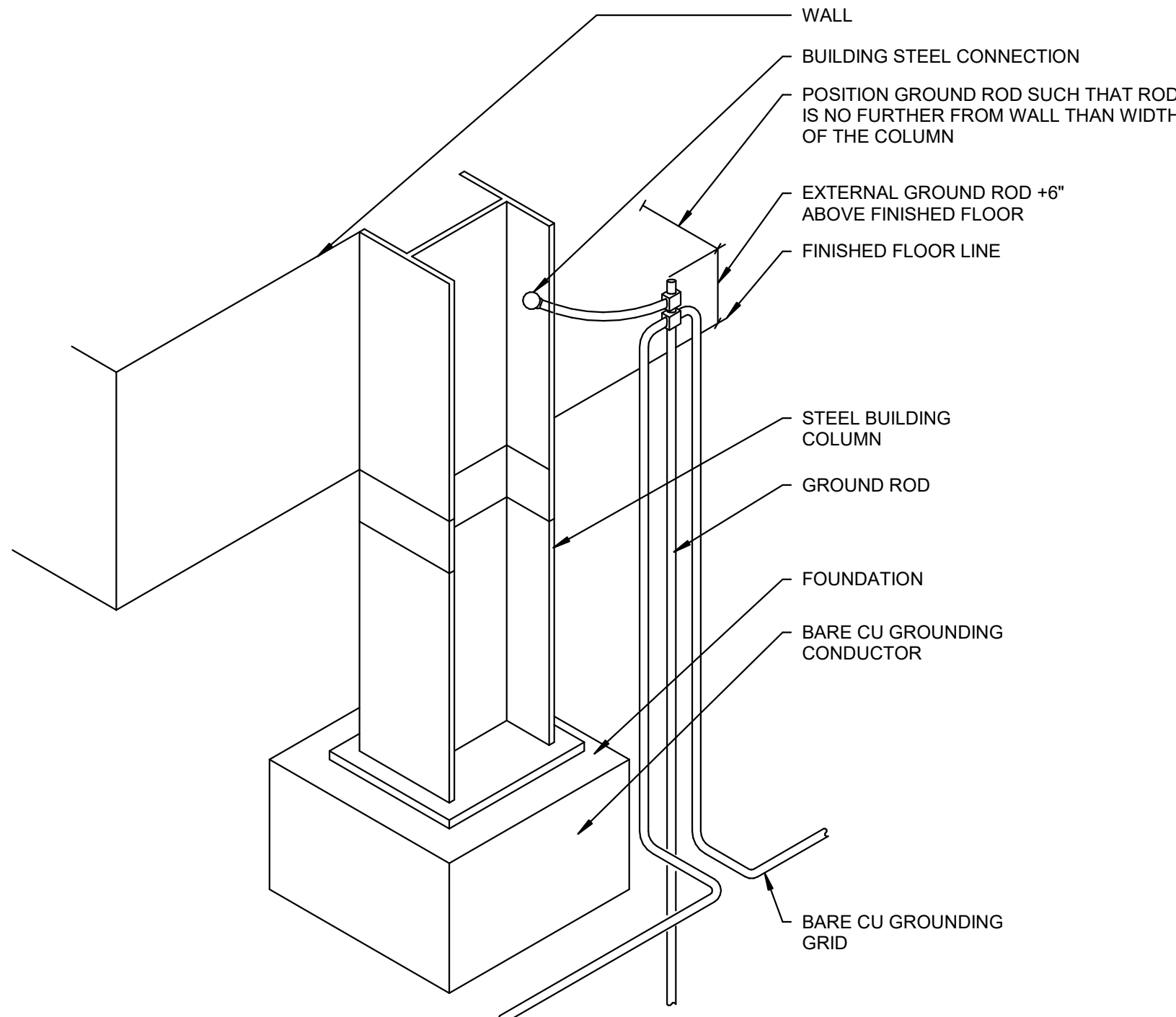


- NOTES:
- BUILDING STEEL CONNECTION SHALL BE EXOTHERMIC WELD. CLEAN SURFACE TO BRIGHT METAL BEFORE CONNECTION AND RESTORE TO ORIGINAL FINISH AFTER MAKING CONNECTION.
 - BUILDING STEEL CONNECTION SHALL BE LOCATED ABOVE THE FINISHED FLOOR.

3 STRUCTURAL STEEL GROUNDING DETAIL
NOT TO SCALE



5 PANELBOARD BONDING DETAIL
NOT TO SCALE



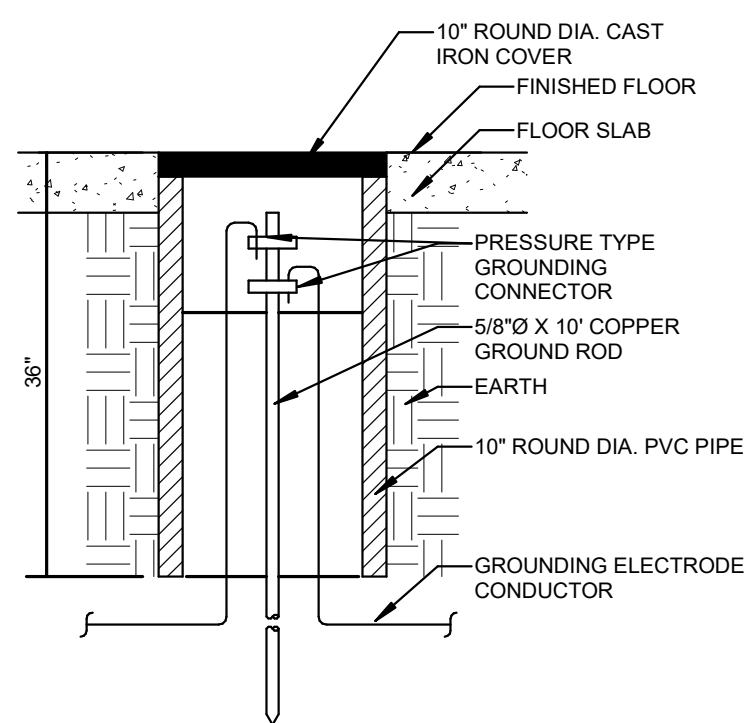
1. BUILDING STEEL CONNECTION SHALL BE EXOTHERMIC WELD. CLEAN SURFACE TO BRIGHT METAL BEFORE CONNECTION AND RESTORE TO ORIGINAL FINISH AFTER MAKING CONNECTION.
2. BUILDING STEEL CONNECTION SHALL BE LOCATED ABOVE THE FINISHED FLOOR.

2 STRUCTURAL STEEL/GROUND ROD GROUNDING DETAIL
NOT TO SCALE

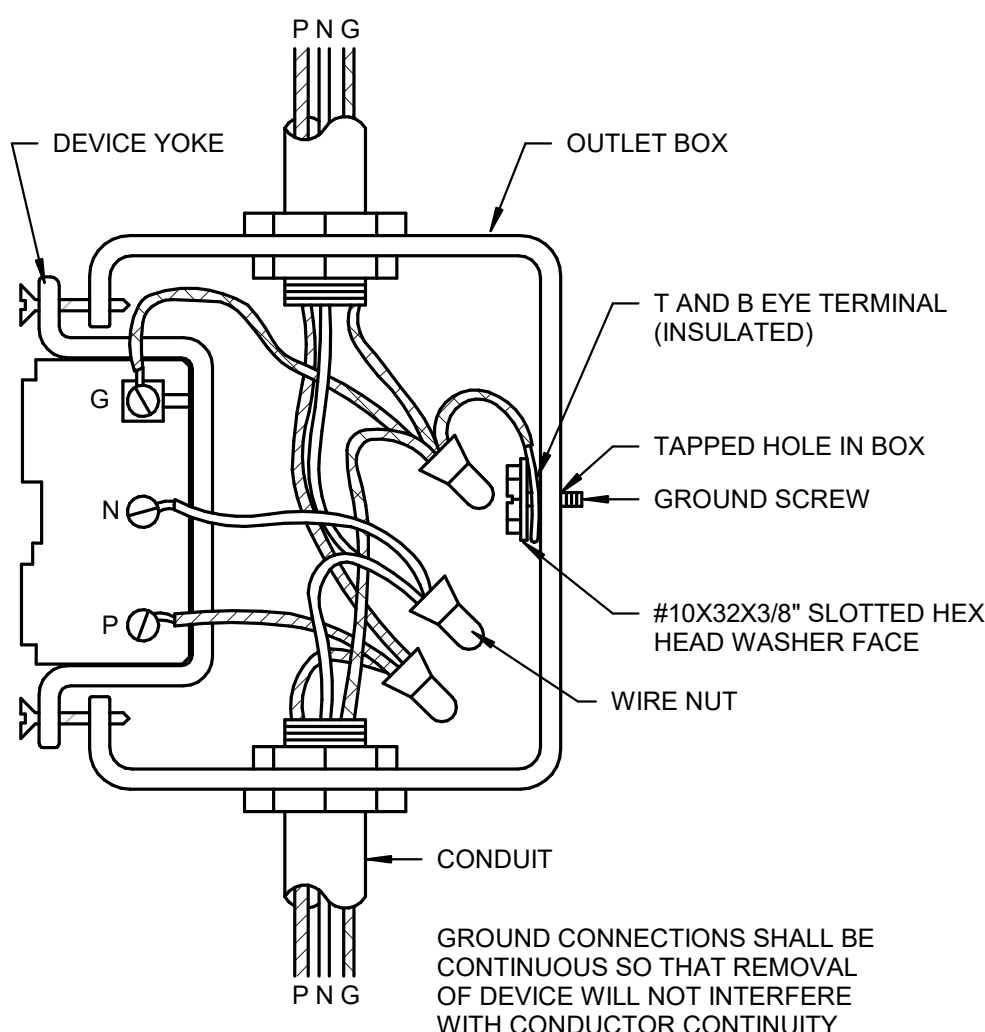
DERIVED SYSTEM GROUNDING SCHEDULE	
TRANSFORMER SIZE (KVA)	CABLE SIZE (AWG)
15	#8
30	#6
45	#4
75	#2
112.5	#2/0
150 OR GREATER	#3/0

1. PROVIDE GROUND ON SECONDARY OF ALL NON-UTILITY TRANSFORMERS PER THIS SCHEDULE.
2. PROVIDE GROUNDING FOR UTILITY TRANSFORMERS PER UTILITY COMPANY'S STANDARDS.

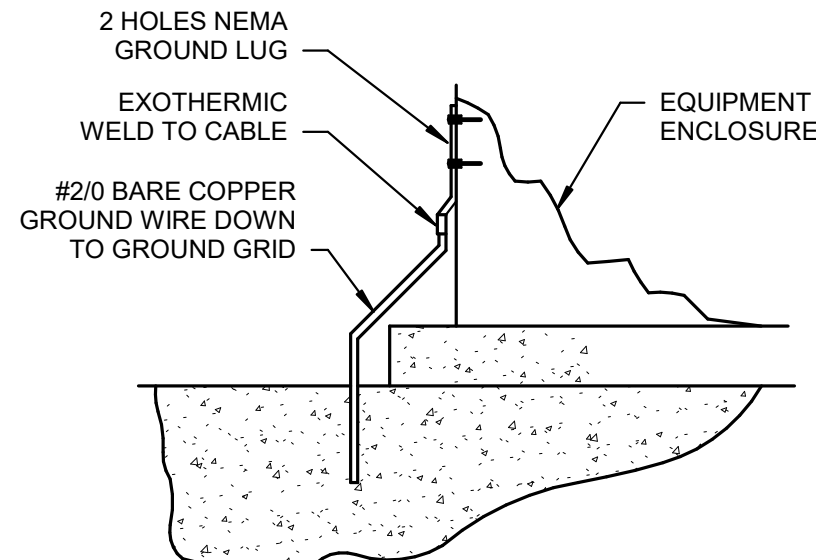
8 DERIVED SYSTEM GROUNDING SCHEDULE
NOT TO SCALE



4 GROUNDING ROD TEST WELL DETAIL
NOT TO SCALE

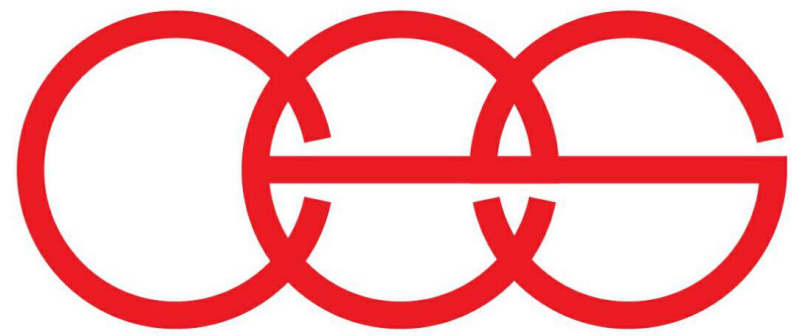


7 DEVICE GROUNDING DETAIL
NOT TO SCALE

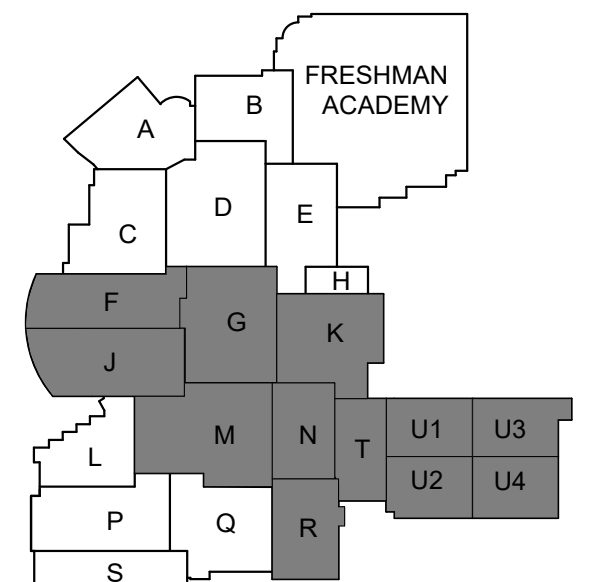


1 GROUND CABLE CONNECTOR TO EQUIPMENT ENCLOSURE DETAIL
NOT TO SCALE

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**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

GROUNDING DETAILS



David L. Jones III

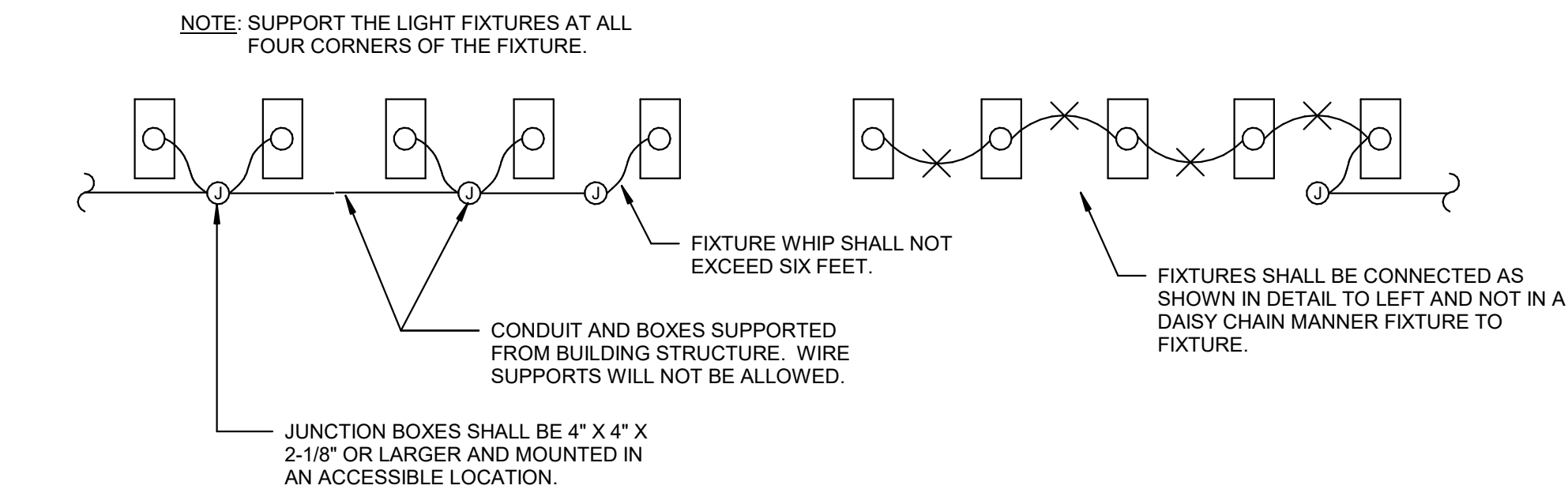
Project No: 2022063.10

Project Date:

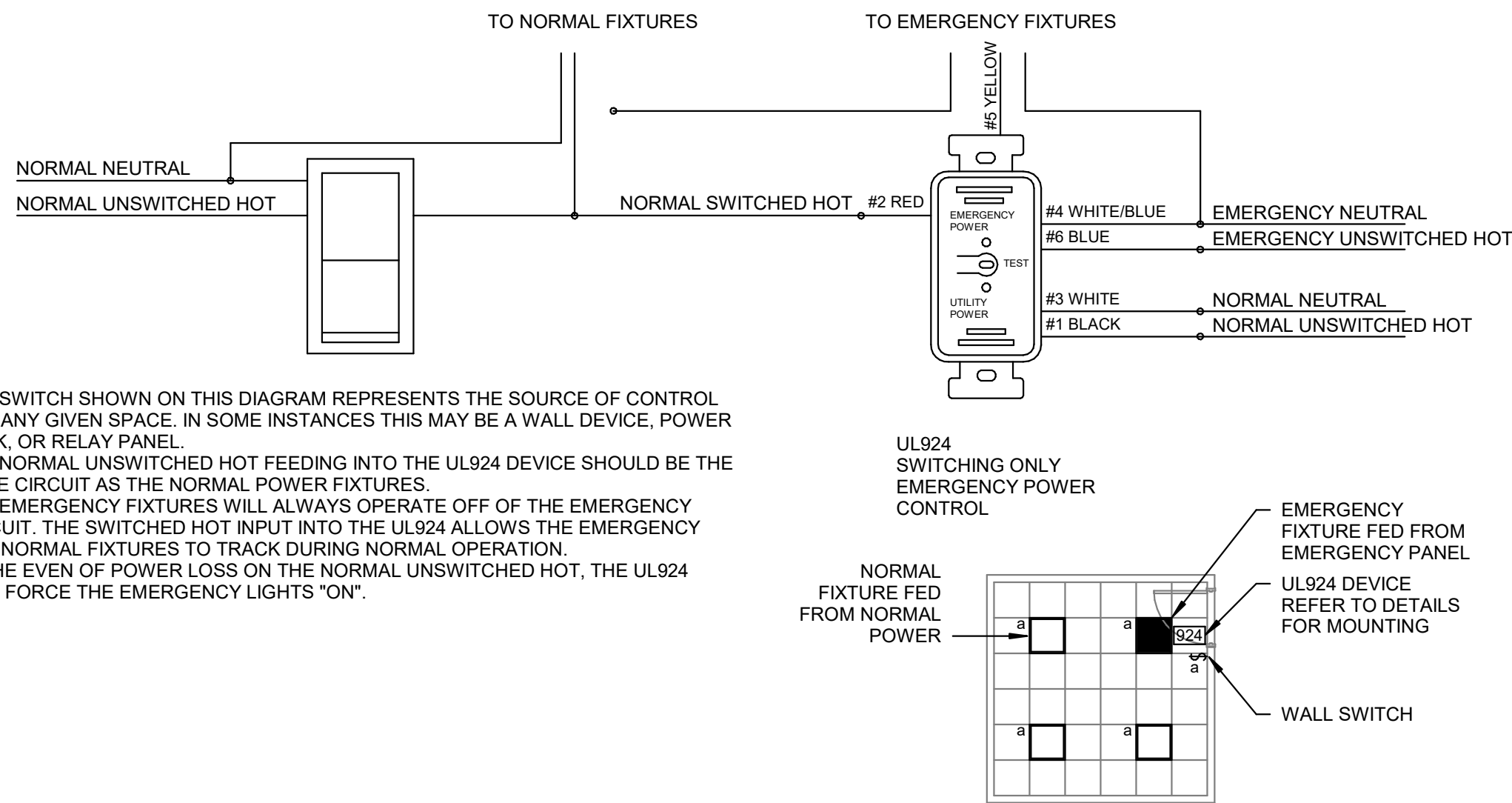
May 29, 2024

Drawing No:

E502

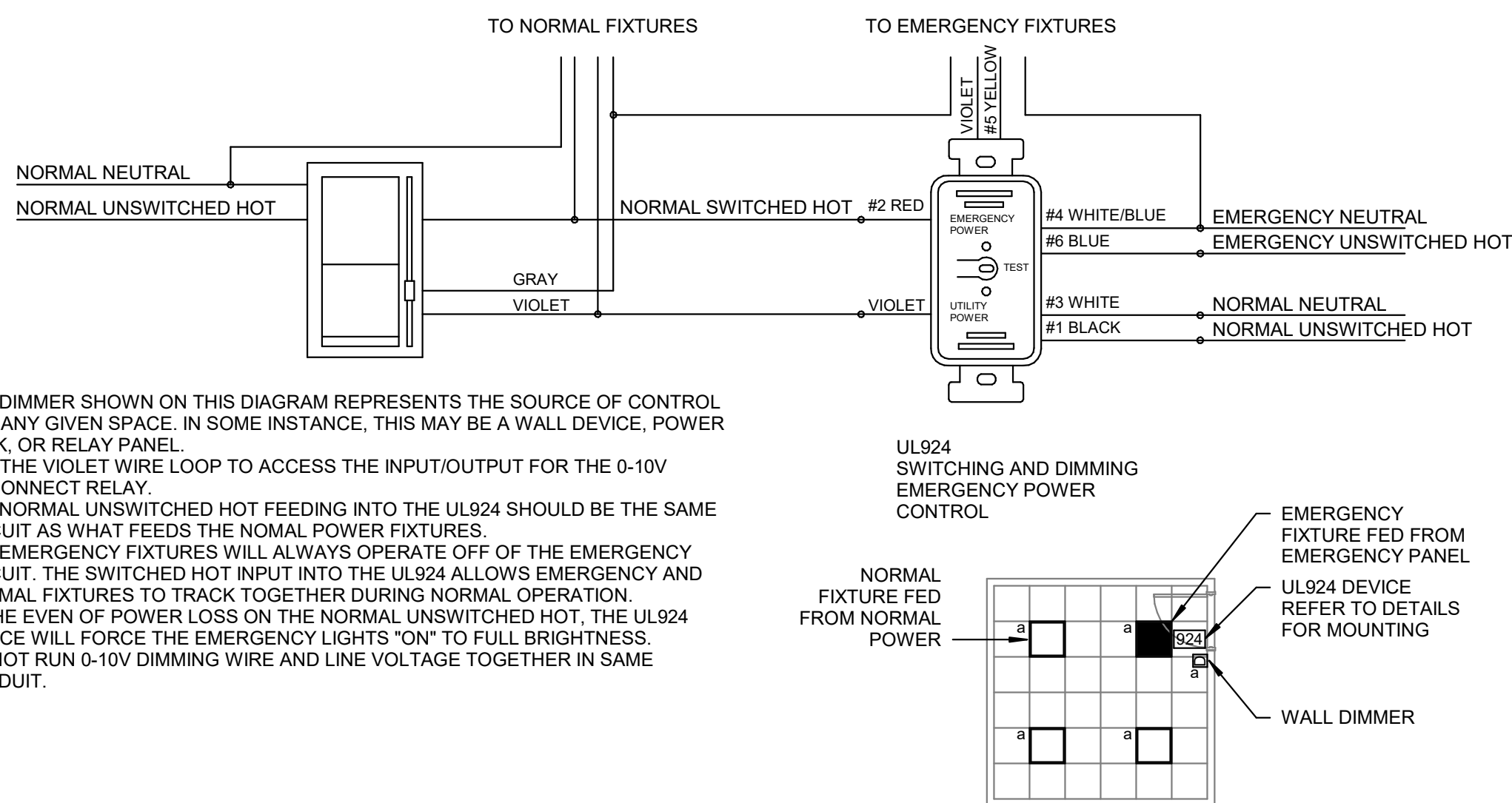


7 LIGHT FIXTURE WIRING SCHEMATIC
NOT TO SCALE



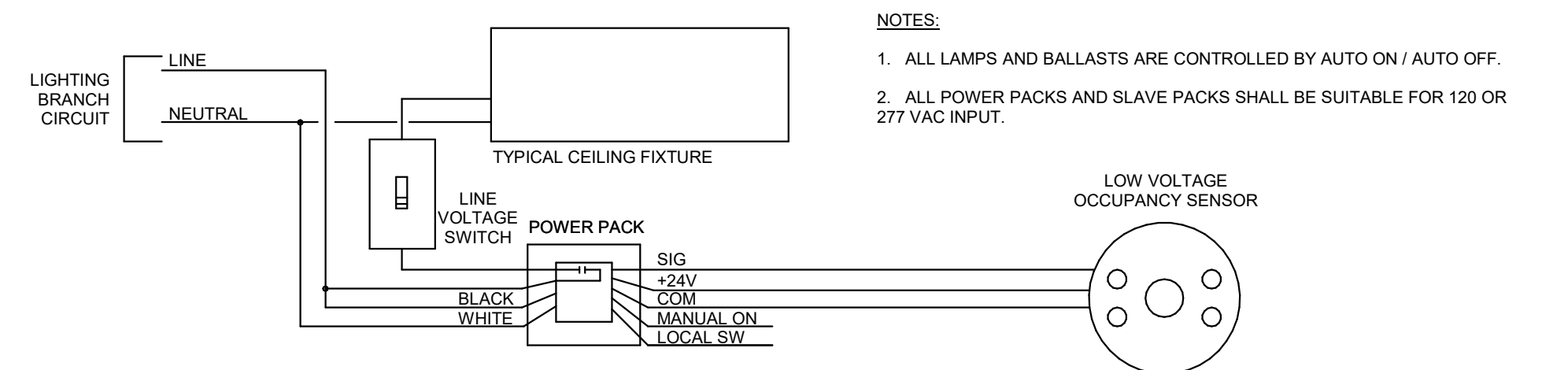
- NOTES:
- THE SWITCH SHOWN ON THIS DIAGRAM REPRESENTS THE SOURCE OF CONTROL FOR ANY GIVEN SPACE. IN SOME INSTANCES THIS MAY BE A WALL DEVICE, POWER PACK, OR RELAY PANEL.
 - THE NORMAL UNSWITCHED HOT FEEDING INTO THE UL924 DEVICE SHOULD BE THE SAME CIRCUIT AS THE NORMAL POWER FIXTURES.
 - THE EMERGENCY FIXTURES WILL ALWAYS OPERATE OFF OF THE EMERGENCY CIRCUIT. THE SWITCHED HOT INPUT INTO THE UL924 ALLOWS THE EMERGENCY AND NORMAL FIXTURES TO TRACK DURING NORMAL OPERATION.
 - IN THE EVEN OF POWER LOSS ON THE NORMAL UNSWITCHED HOT, THE UL924 WILL FORCE THE EMERGENCY LIGHTS 'ON'.

6 TYPICAL UL924 WIRING SCHEMATIC
NOT TO SCALE

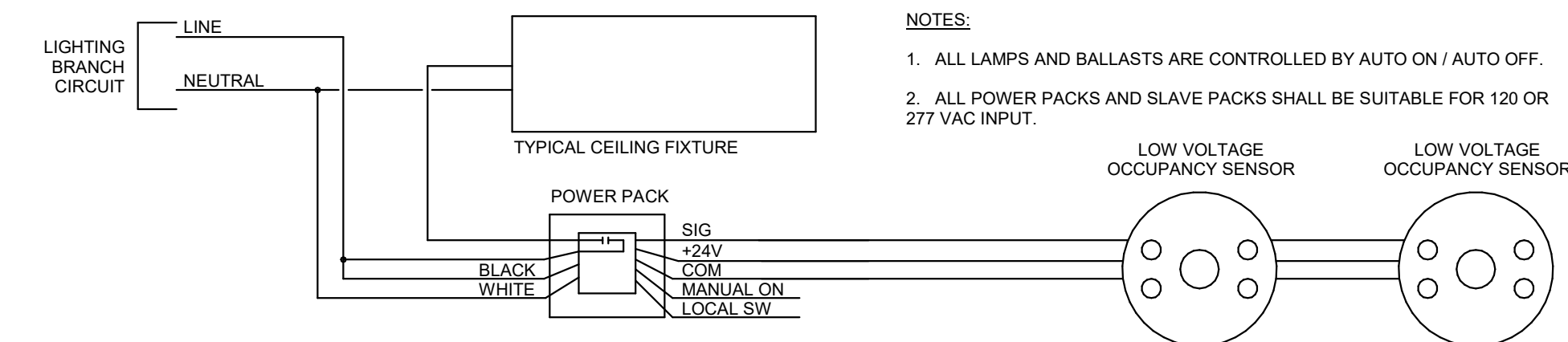


- NOTES:
- THE DIMMER SHOWN ON THIS DIAGRAM REPRESENTS THE SOURCE OF CONTROL FOR ANY GIVEN SPACE. IN SOME INSTANCES, THIS MAY BE A WALL DEVICE, POWER PACK, OR RELAY PANEL.
 - CUT THE VIOLET WIRE LOOP TO ACCESS THE INPUT/OUTPUT FOR THE 0-10V DISCONNECT RELAY.
 - THE NORMAL UNSWITCHED HOT FEEDING INTO THE UL924 SHOULD BE THE SAME CIRCUIT AS WHAT FEEDS THE NORMAL POWER FIXTURES.
 - THE EMERGENCY FIXTURES WILL ALWAYS OPERATE OFF OF THE EMERGENCY CIRCUIT. THE SWITCHED HOT INPUT INTO THE UL924 ALLOWS EMERGENCY AND NORMAL FIXTURES TO TRACK TOGETHER DURING NORMAL OPERATION.
 - IN THE EVEN OF POWER LOSS ON THE NORMAL UNSWITCHED HOT, THE UL924 DEVICE WILL FORCE THE EMERGENCY LIGHTS 'ON' TO FULL BRIGHTNESS.
 - DO NOT RUN 0-10V DIMMING WIRE AND LINE VOLTAGE TOGETHER IN SAME CONDUIT.

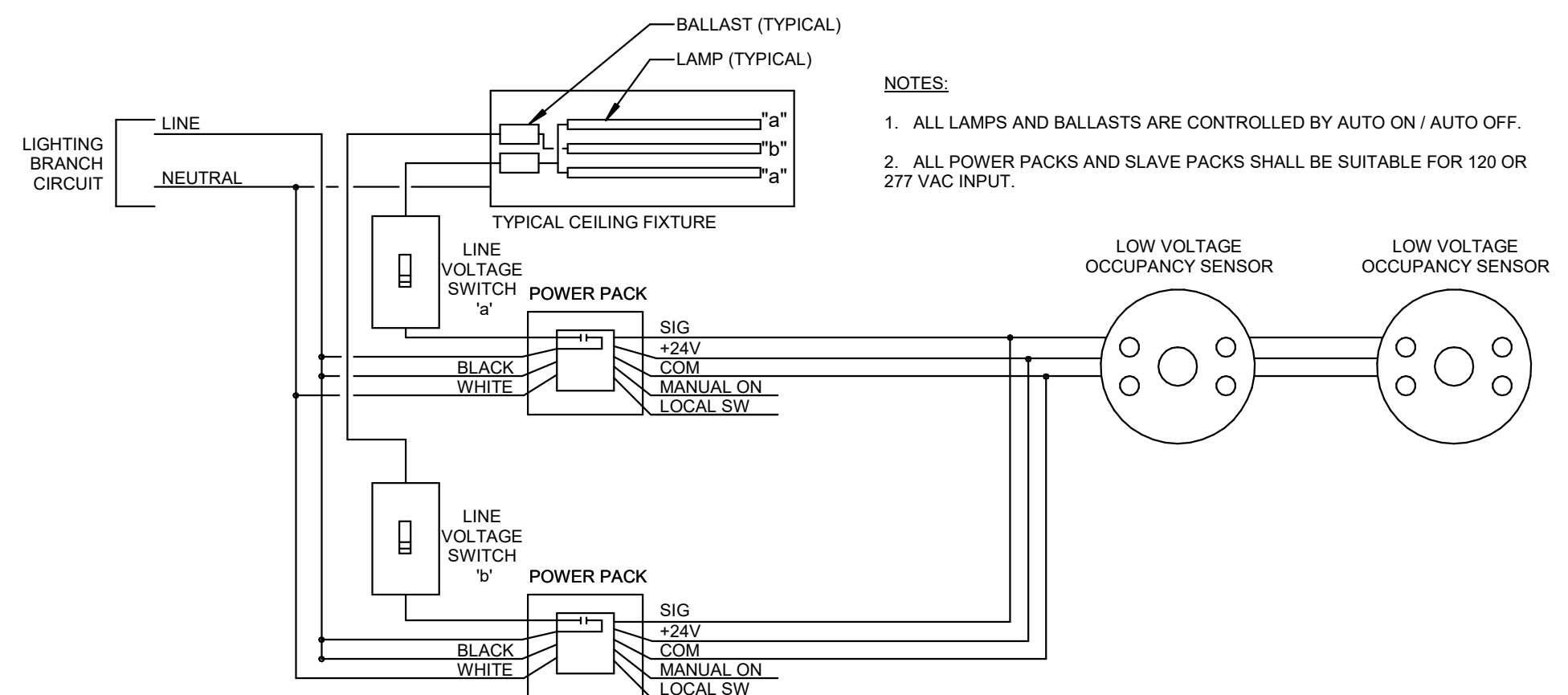
5 TYPICAL UL924 WITH DIMMING WIRING SCHEMATIC
NOT TO SCALE



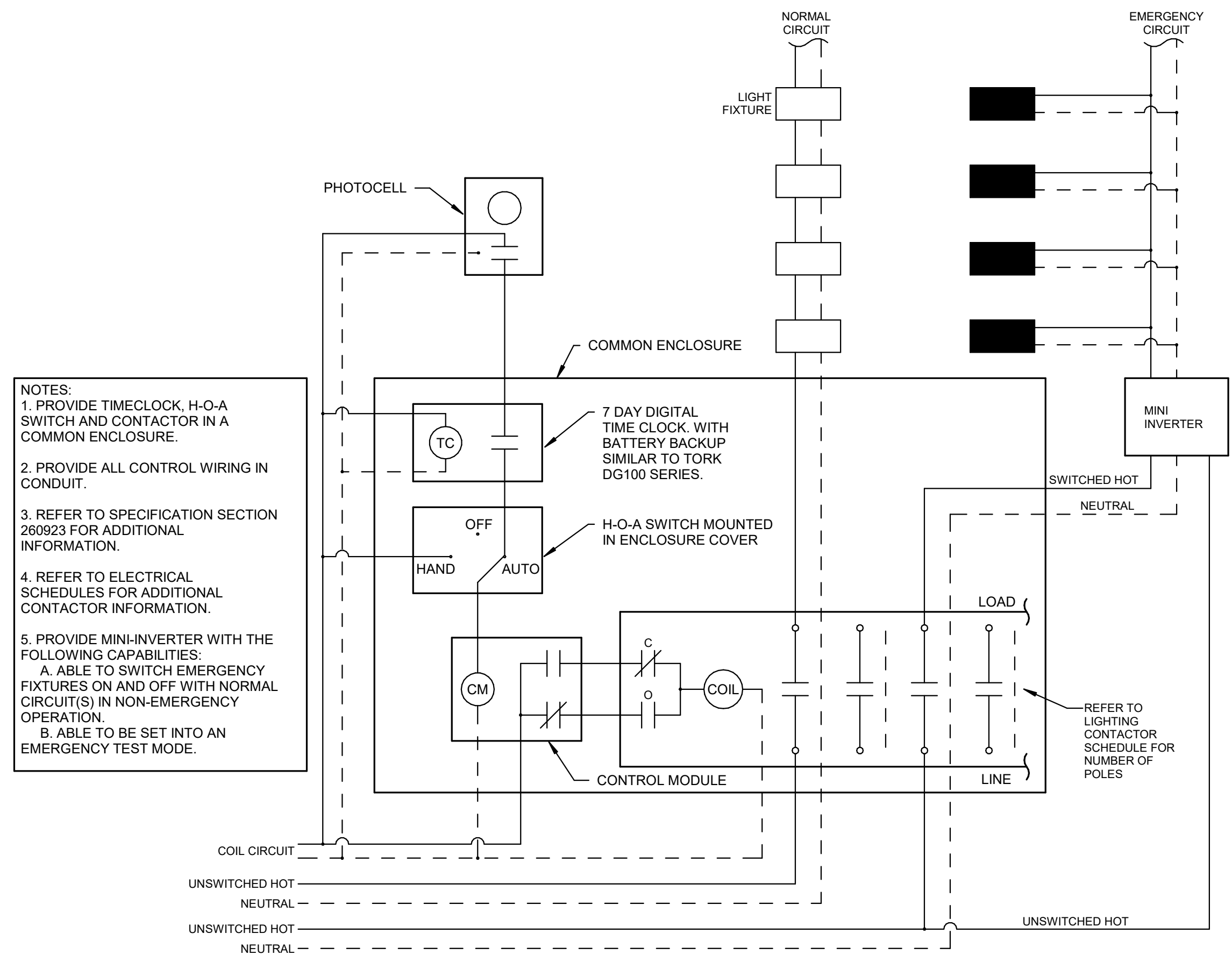
4 OCCUPANCY SENSOR LIGHTING CONTROL SCHEMATIC
NOT TO SCALE



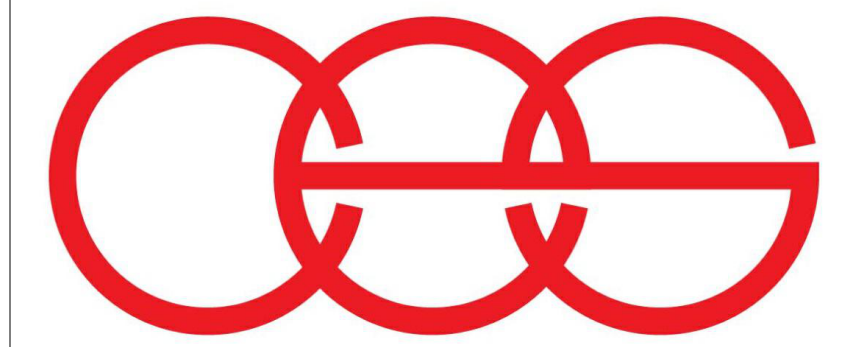
3 OCCUPANCY SENSOR LIGHTING CONTROL CORRIDOR SWITCHING SCHEMATIC
NOT TO SCALE



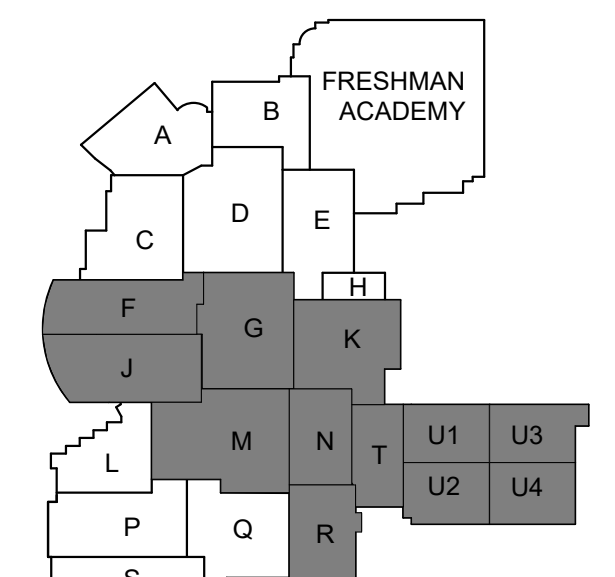
2 OCCUPANCY SENSOR LIGHTING CONTROL 'a,b' SWITCHING SCHEMATIC
NOT TO SCALE



1 EXTERIOR LIGHTING CONTROL SYSTEM SCHEMATIC
NOT TO SCALE



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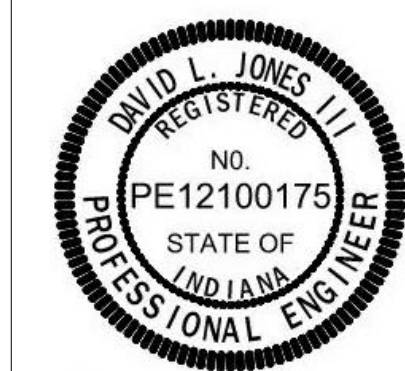
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FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

LIGHTING DETAILS



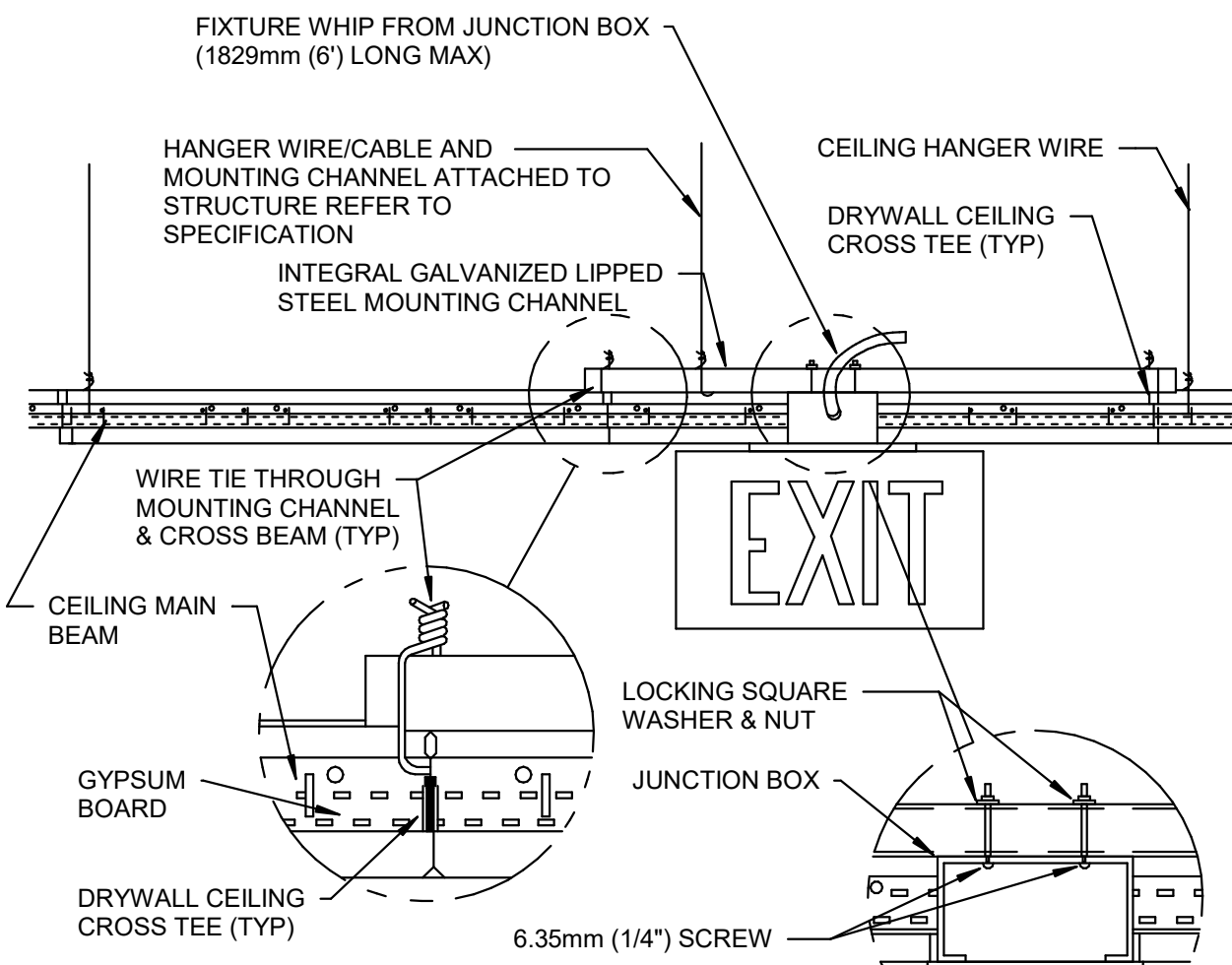
David L. Jones III

Project No: 2022063.10

Project Date: May 29, 2024

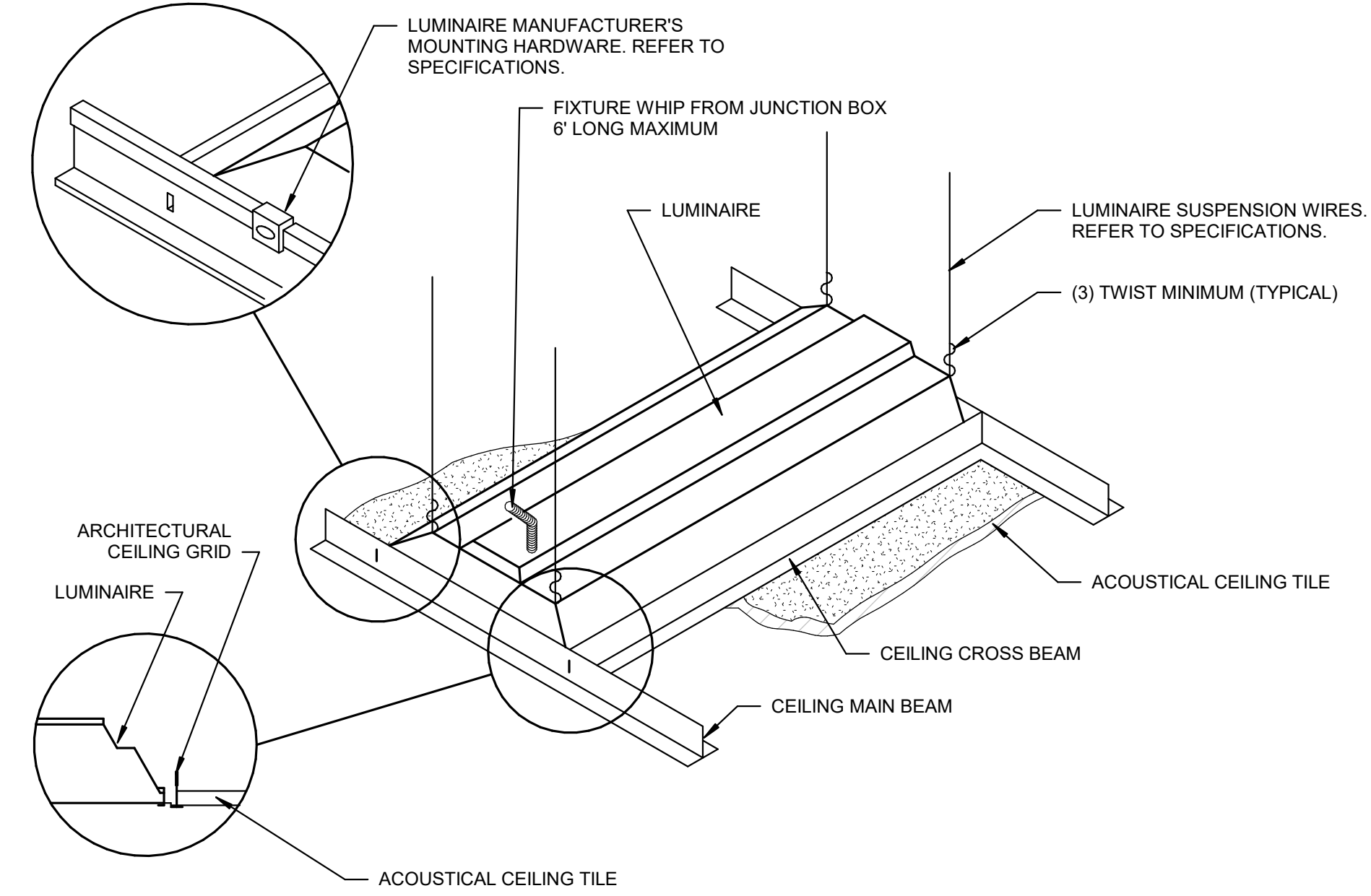
Drawing No: E503

#	Revision	Date
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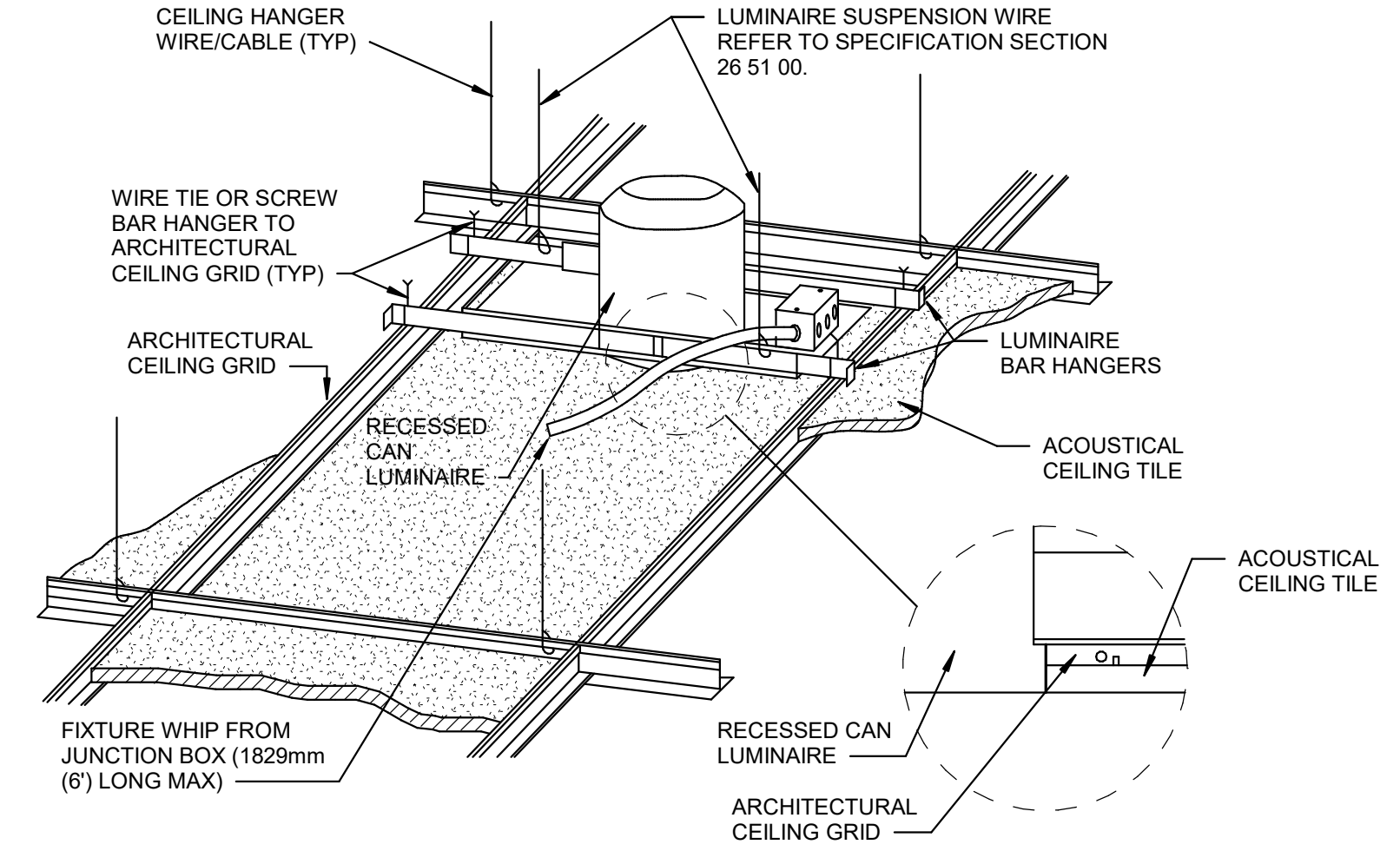
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

6 EXIT SIGN MOUNTING - GYPBOARD CEILING DETAIL
NOT TO SCALE



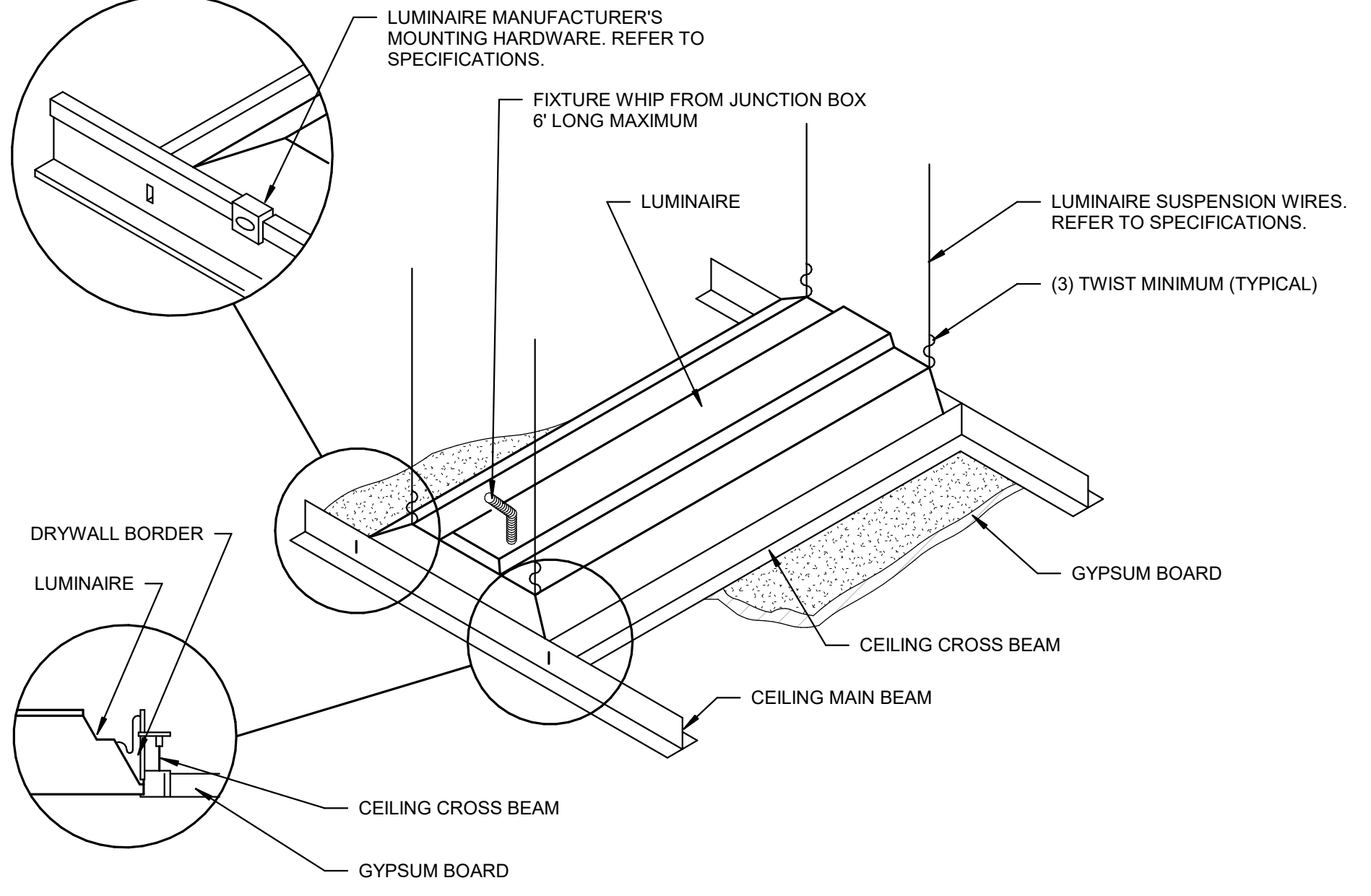
INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTED INSTRUCTIONS AND USING RECOMMENDED MOUNTING HARDWARE.

3 LUMINAIRE MOUNTED IN LAY-IN CEILING DETAIL
NOT TO SCALE



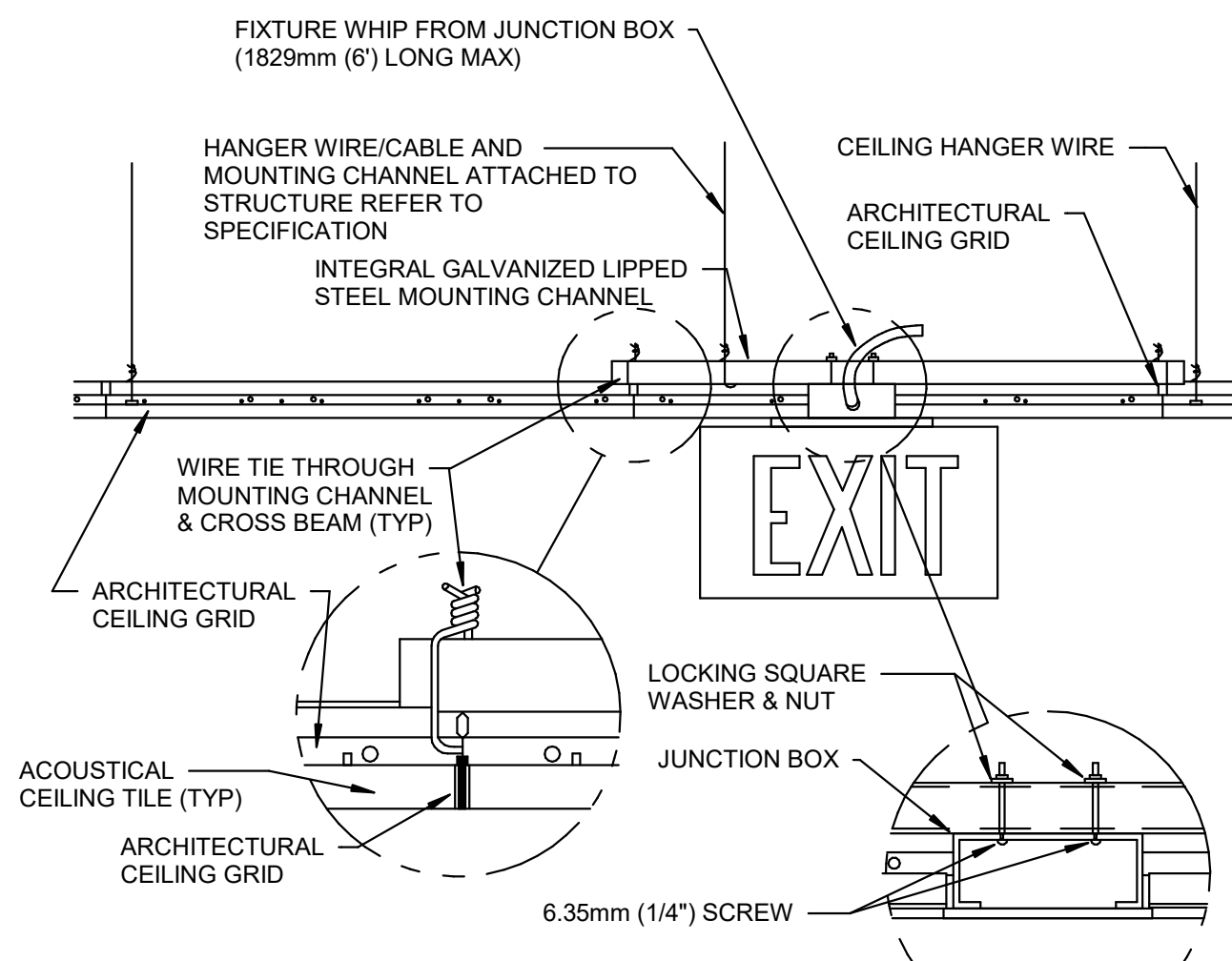
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING RECOMMENDED MOUNTING HARDWARE.

5 DOWNLIGHT MOUNTED IN LAY-IN CEILING DETAIL
NOT TO SCALE



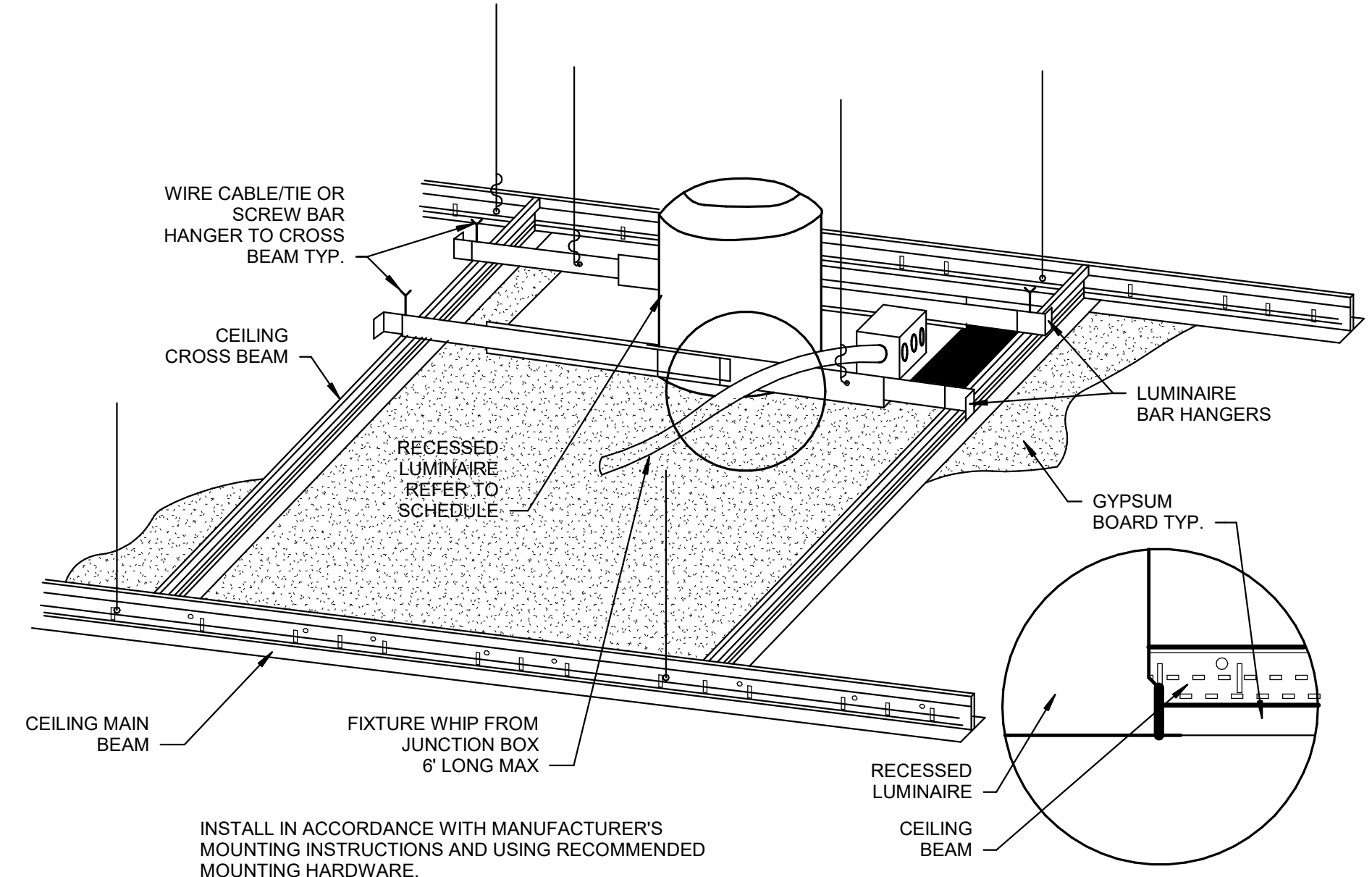
INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTED INSTRUCTIONS AND USING RECOMMENDED MOUNTING HARDWARE.

2 LUMINAIRE MOUNTED IN GYPBOARD CEILING DETAIL
NOT TO SCALE



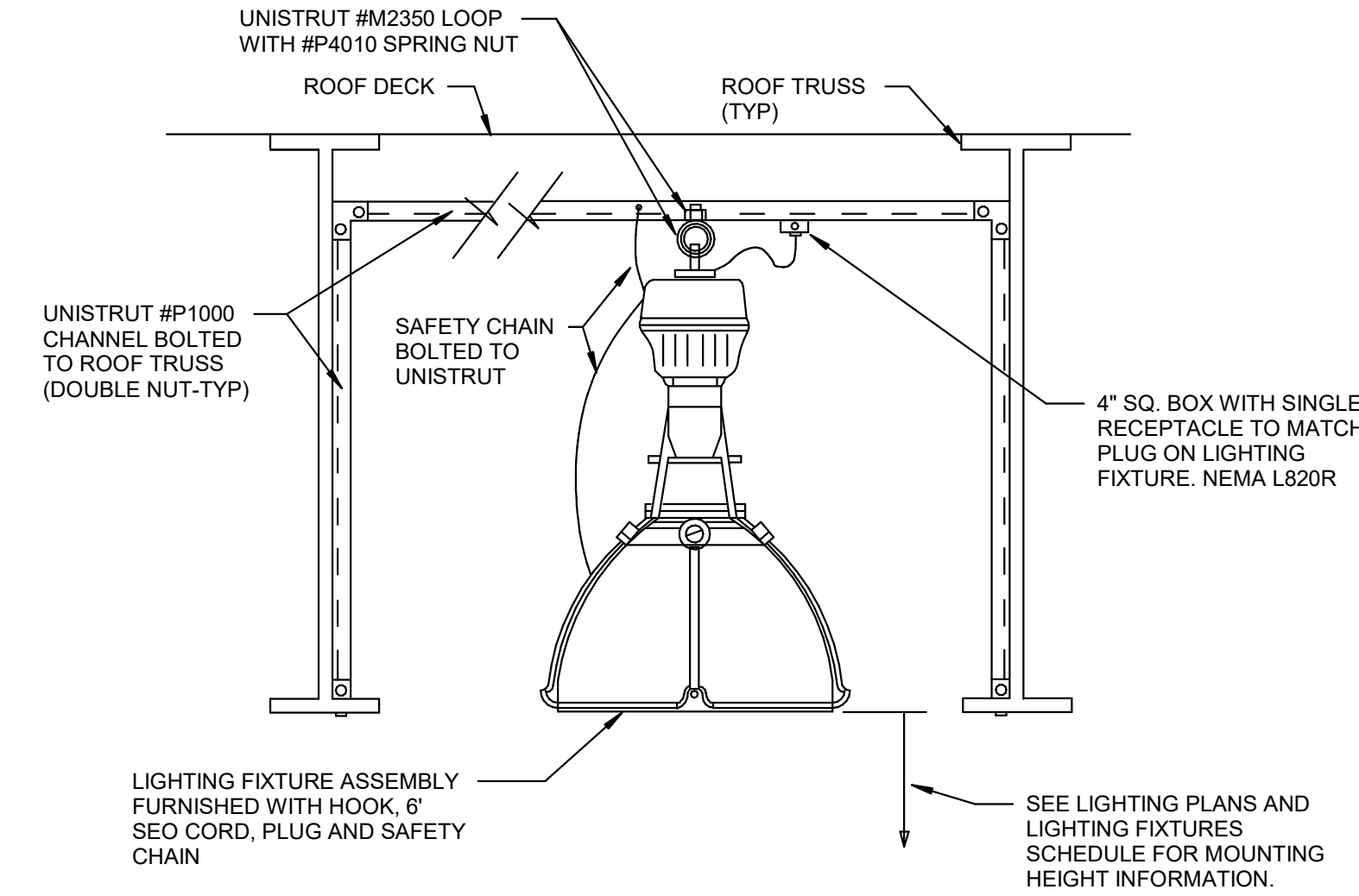
GENERAL NOTE:
1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

7 EXIT SIGN MOUNTING - LAY-IN CEILING DETAIL
NOT TO SCALE

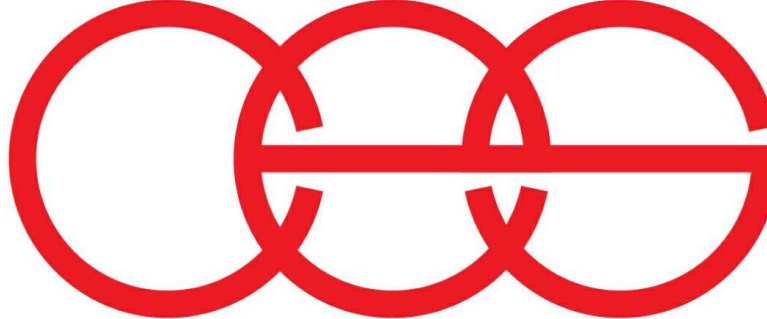


INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING RECOMMENDED MOUNTING HARDWARE.

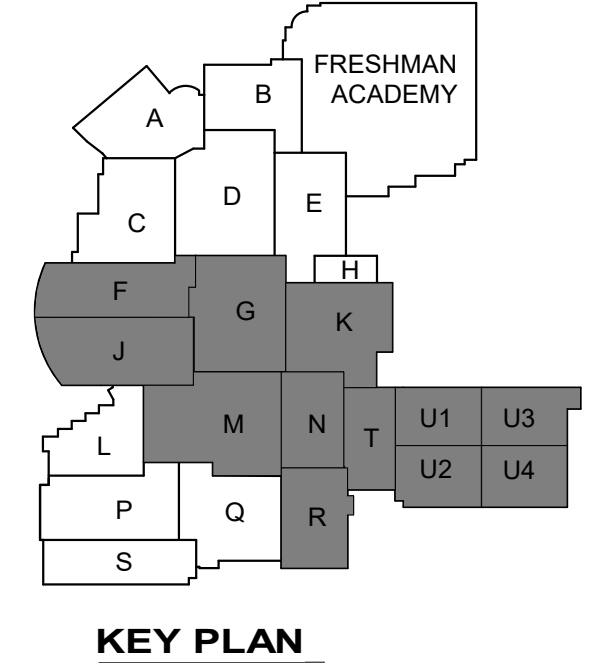
4 DOWNLIGHT MOUNTED IN GYPBOARD CEILING DETAIL
NOT TO SCALE



1 HIGH BAY MOUNTED IN STRUCTURE DETAIL
NOT TO SCALE



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FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
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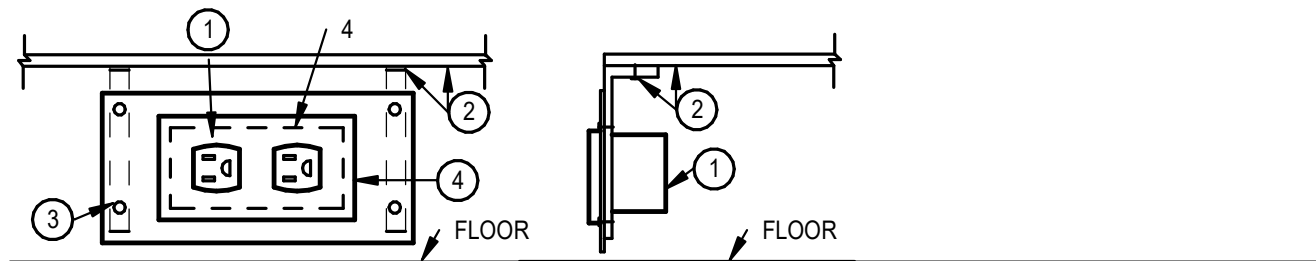
Drawing Title:
LIGHTING DETAILS



David L. Jones III

Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: E504

DATE: 05/29/2024
PROJECT: FRANKLIN CENTRAL HIGH SCHOOL PHASE 2B
DRAWING: LIGHTING DETAILS
DRAWN BY: J. JONES
CHECKED BY: J. JONES
DATE: 05/29/2024

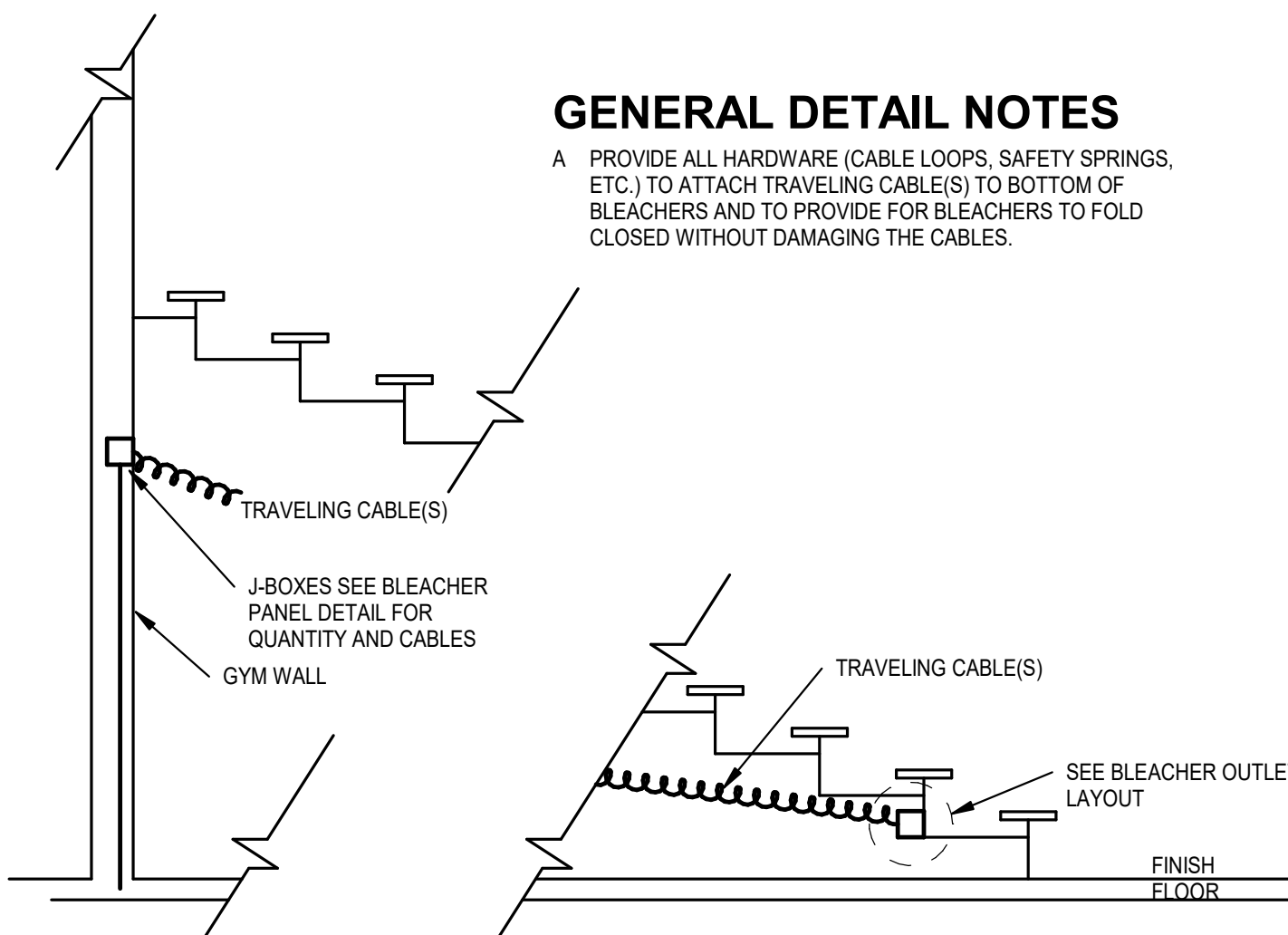


DETAIL NOTES

1. CAST FS OUTLET BOX.
2. PROVIDE UNI-STRUT MOUNTING SUPPORT, SECURED TO BOTTOM OF BLEACHERS.
3. CUSTOM 18GA. STEEL MOUNTING PLATE. PAINT BROWN (GRAY). (WHERE PROVIDED INSTALL IN SOLID CASE OF BLEACHERS.)
4. COVERPLATES AS REQUIRED.

10 BLEACHER OUTLET LAYOUT

NOT TO SCALE

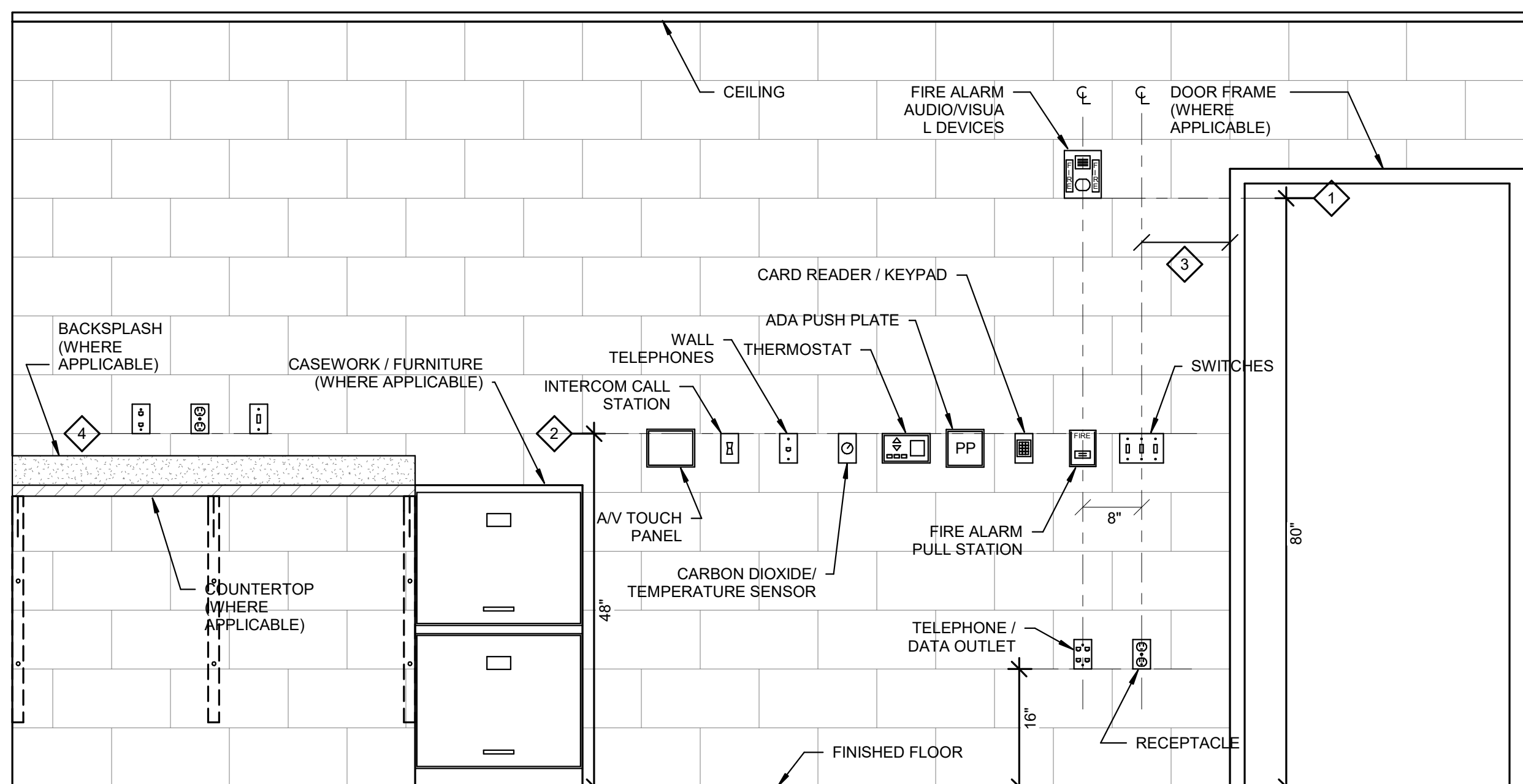


GENERAL DETAIL NOTES

- A. PROVIDE ALL HARDWARE (CABLE LOOPS, SAFETY SPRINGS, ETC.) TO ATTACH TRAVELING CABLE(S) TO BOTTOM OF BLEACHERS AND TO PROVIDE FOR BLEACHERS TO FOLD CLOSED WITHOUT DAMAGING THE CABLES.

9 BLEACHER RECETPACLE CONNECTION

NOT TO SCALE



DEVICE MOUNTING DETAIL - GENERAL NOTES:

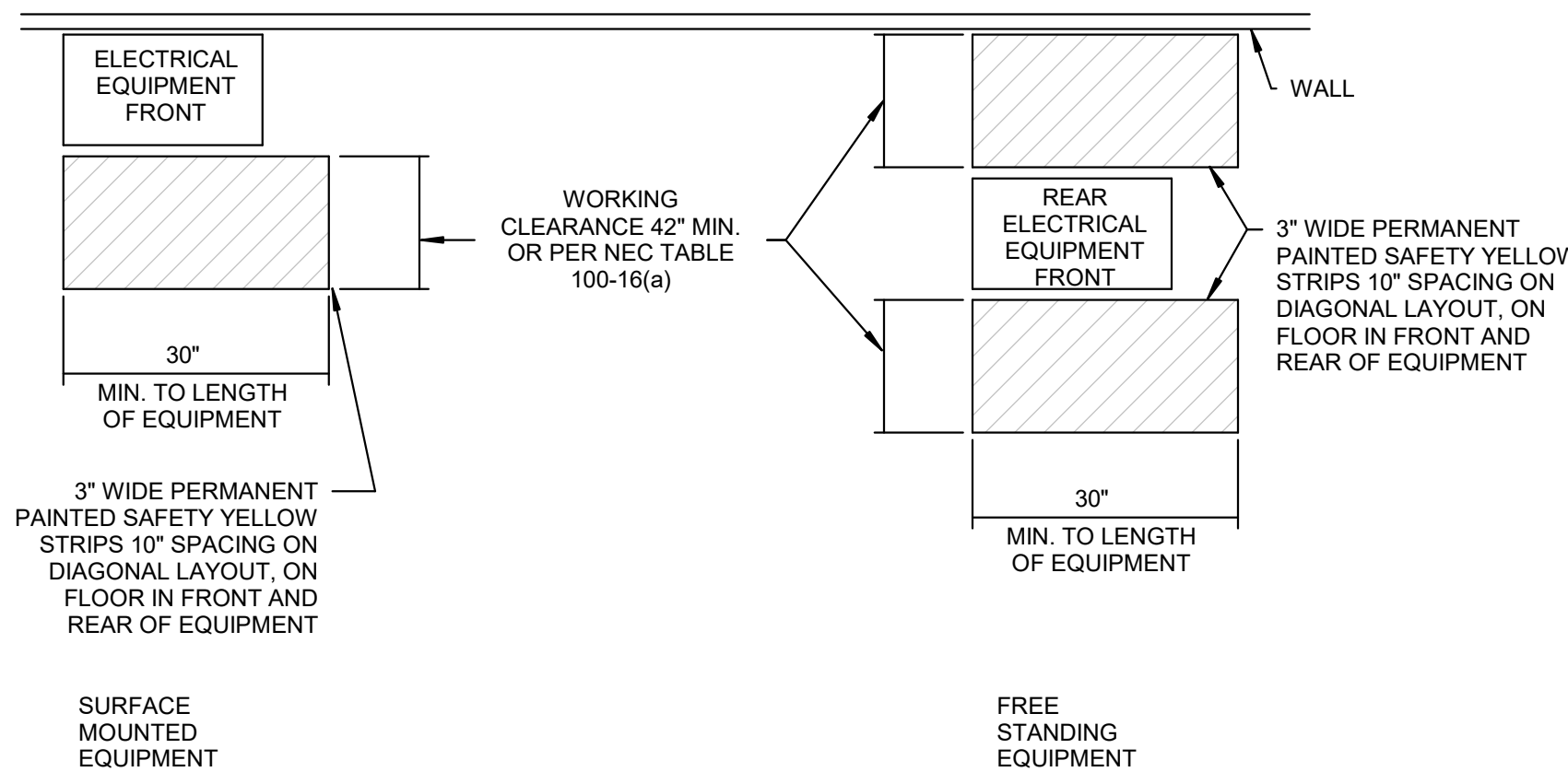
- WHERE DEVICES OF ANY DISCIPLINE ARE LOCATED IN THE SAME GENERAL AREA ON THE PLANS AND ARE SHOWN TO BE MOUNTED AT A SIMILAR HEIGHT, ALIGN HORIZONTALLY ALONG TOP OF DEVICE BACKBOX (AS SHOWN IN DETAIL AND DESCRIBED IN KEY NOTE #2).
- WHERE DEVICES OF ANY DISCIPLINE ARE LOCATED IN THE SAME GENERAL AREA ON THE PLANS AND ARE SHOWN MOUNTED AT DIFFERENT HEIGHTS, ALIGN VERTICALLY ALONG THE CENTERLINE OF THE DEVICE BACKBOX (AS SHOWN IN DETAIL).
- FOR ANY WALL OTHER THAN PAINTED GYPSUM BOARD OR CMU, DEVICE LOCATIONS MUST BE FIELD APPROVED BY ENGINEER OR ARCHITECT PRIOR TO INSTALLATION OF FINISHES.

DEVICE MOUNTING DETAIL - KEY NOTES:

- MOUNT VISUAL NOTIFICATION APPLIANCES SO THAT ENTIRE LENS IS BETWEEN 80" AND 96" AFF. IF CEILING IS TOO LOW FOR DEVICE TO BE MOUNTED ABOVE 80", MOUNT SO THAT THE LENS IS WITHIN 6" OF FINISHED CEILING.
- ALIGN BACKBOXES OF DEVICES AT THE MOUNTING HEIGHT INDICATED. MEASURE TO THE TOP OF THE BACKBOX FOR STANDARD OUTLET BOXES. NON-STANDARD BACKBOXES ARE TO BE INSTALLED SUCH THAT THE FINISHED DEVICES ARE ALIGNED ALONG THEIR RESPECTIVE CENTERLINES.
- MOUNTING HEIGHTS SHOWN ILLUSTRATE DESIGN INTENT AND ARE TO BE FOLLOWED UNLESS CONTRADICTED BY APPLICABLE CODE. WHERE DEVICES ARE SHOWN ADJACENT TO DOOR FRAMES OR PLANS INSTALL 12" FROM FRAME TO AVOID SLUSHED SECTIONS OR BRACING. SPECIFIC DEVICES ARE SHOWN IN RELATIVE ORDER FROM DOOR FRAME, WHERE THESE DEVICES ARE NOT PRESENT AT A PARTICULAR LOCATION, ADJUST LOCATIONS CLOSER TO DOOR ACCORDINGLY.
- THE CONTRACTOR IS TO COORDINATE ALL ROUGH-INS WITH ANY COUNTERTOPS/BACKPLASHES TO AVOID CONFLICT. ALIGN DEVICE BACKBOXES IN THE BOTTOM OF THE NEXT FULL BLOCK ABOVE THE BACKPLASH AS SHOWN. FOR NON-BLOCK WALLS ALIGN BOTTOM OF DEVICE BACKBOXES 4" ABOVE BACKPLASH. COORDINATE WORK WITH CASEWORK AND KITCHEN SHOP DRAWINGS ACCORDINGLY. IF CONFLICT STILL ARISES CONTACT THE ENGINEER FOR DIRECTION ON HOW TO PROCEED.

8 TYPICAL WALL DEVICE MOUNTING DETAIL

NO SCALE

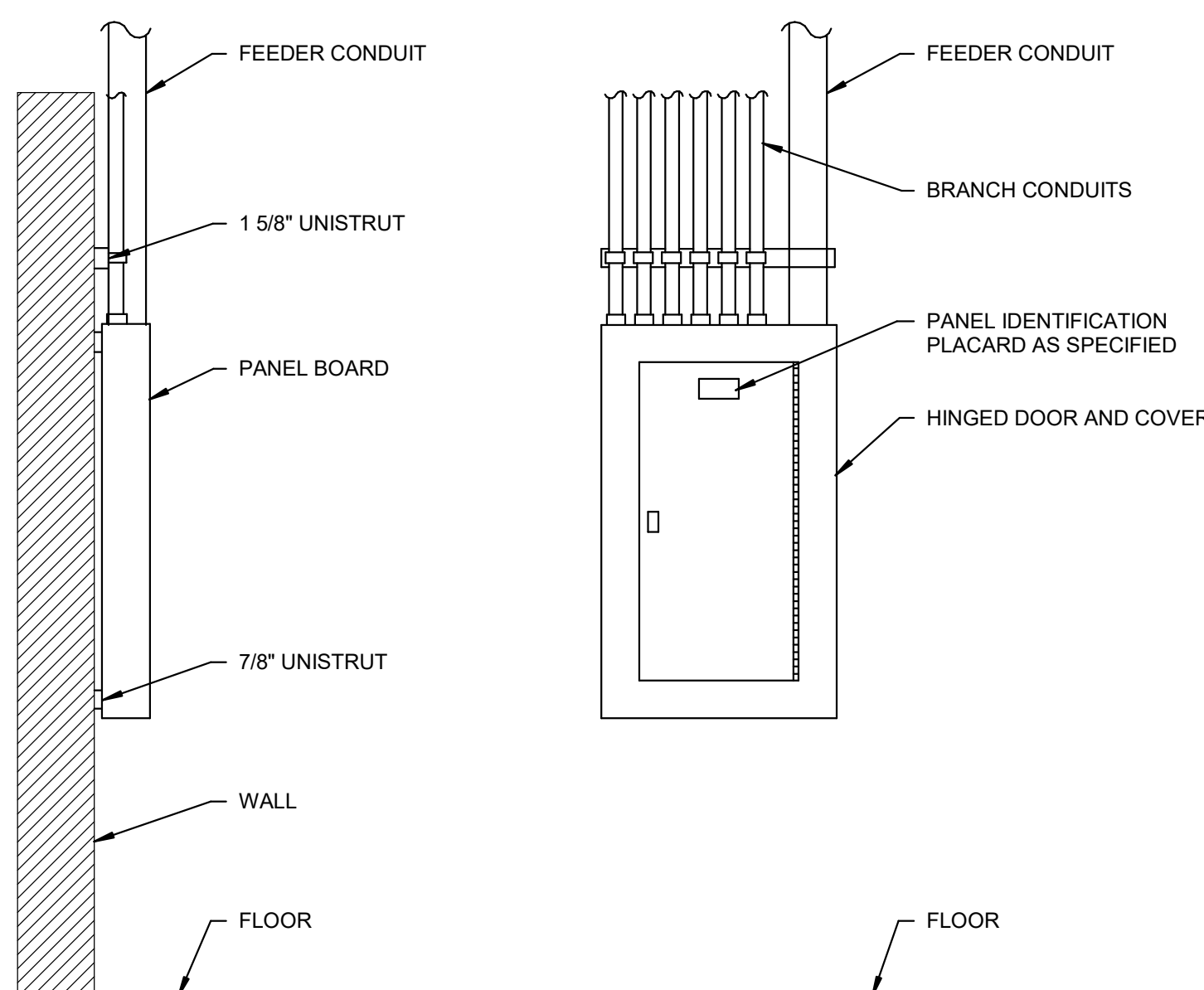


NOTES:

1. PAINTED AREAS (DENOTING NEC "WORKING CLEARANCE") REQUIRED IN MECHANICAL ROOMS, CLOSETS AND OTHER AREAS SHOWN ON THE DRAWINGS OR IN THE AREAS REQUESTED BY THE ENGINEER
2. PAINTED AREAS NOT TO BE PROVIDED IN CORRIDORS, OFFICES AND FINISHED ROOMS
3. PAINTING TO BE PROVIDED AS SOON AS FLOOR INSTALLATION ALLOWS. AREAS ARE TO BE RE-PAINTED BEFORE OCCUPANCY
4. PAINT SHALL BE GLIDDEN URETHANE GLOSS ENAMEL, NO. 6000 SERIES OR APPROVED EQUAL.

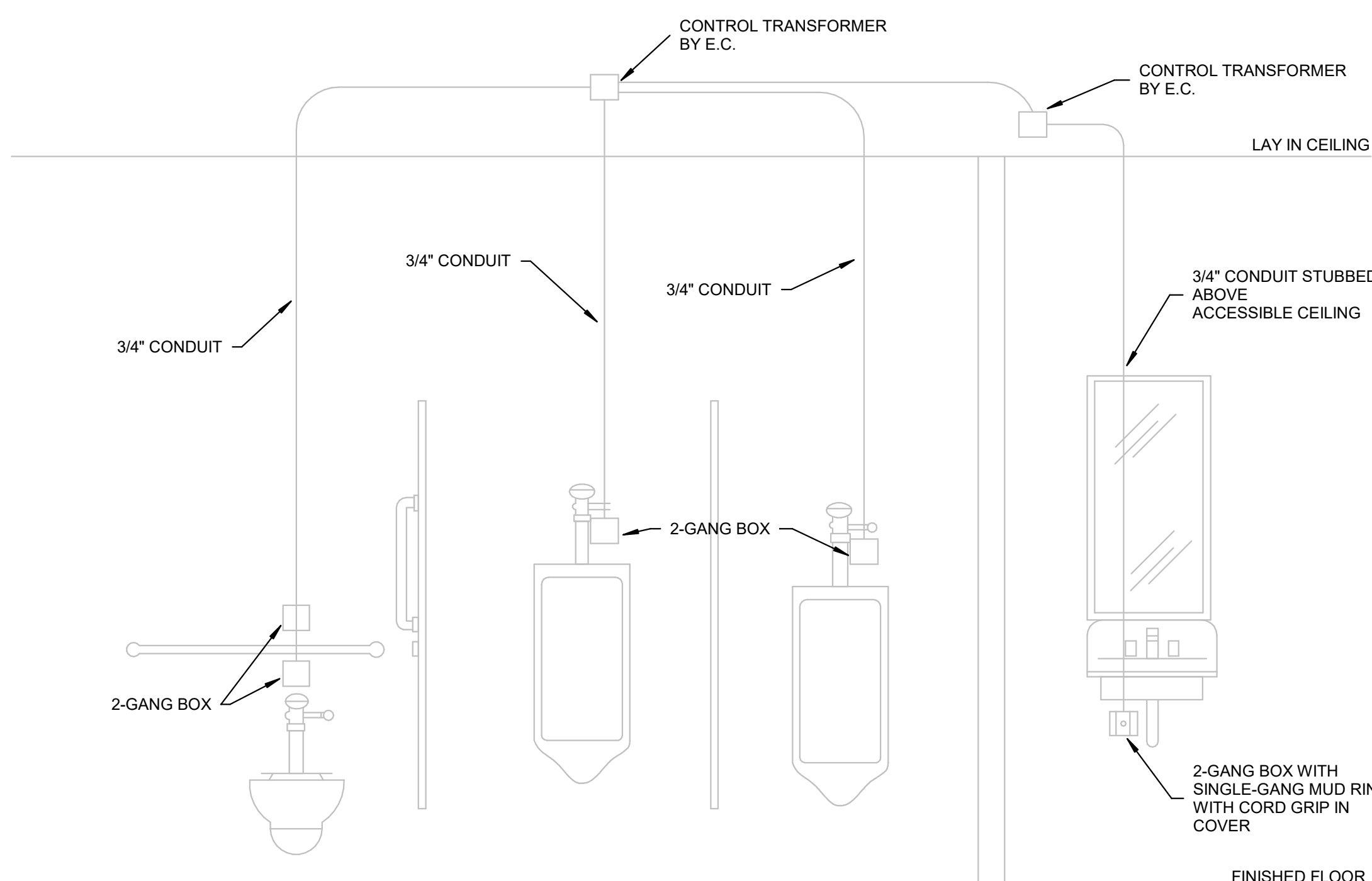
7 ELECTRICAL WORKING CLEARANCE (NEC) FOR EQUIPMENT ACCESS

NOT TO SCALE



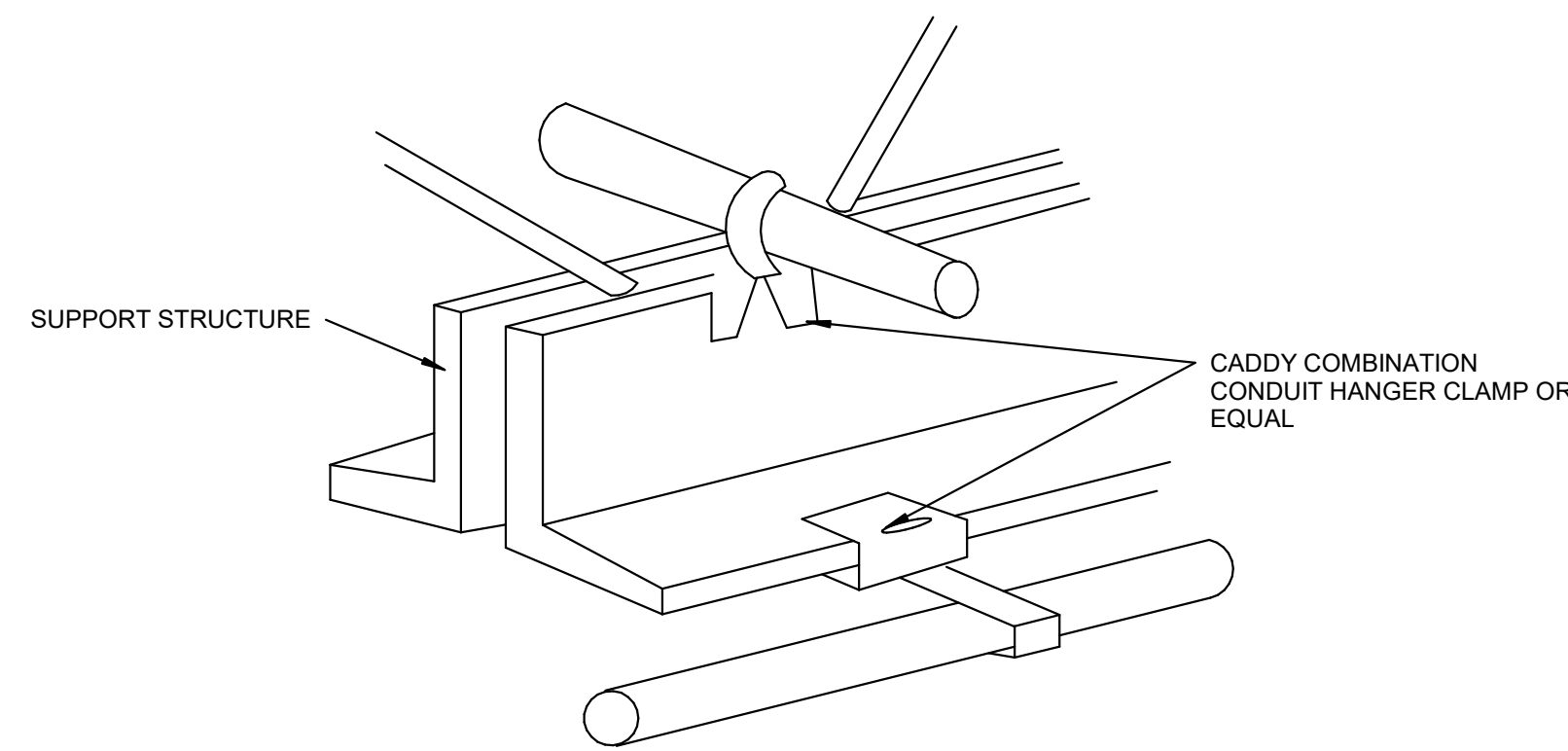
6 SURFACE PANELBOARD DETAIL

NOT TO SCALE



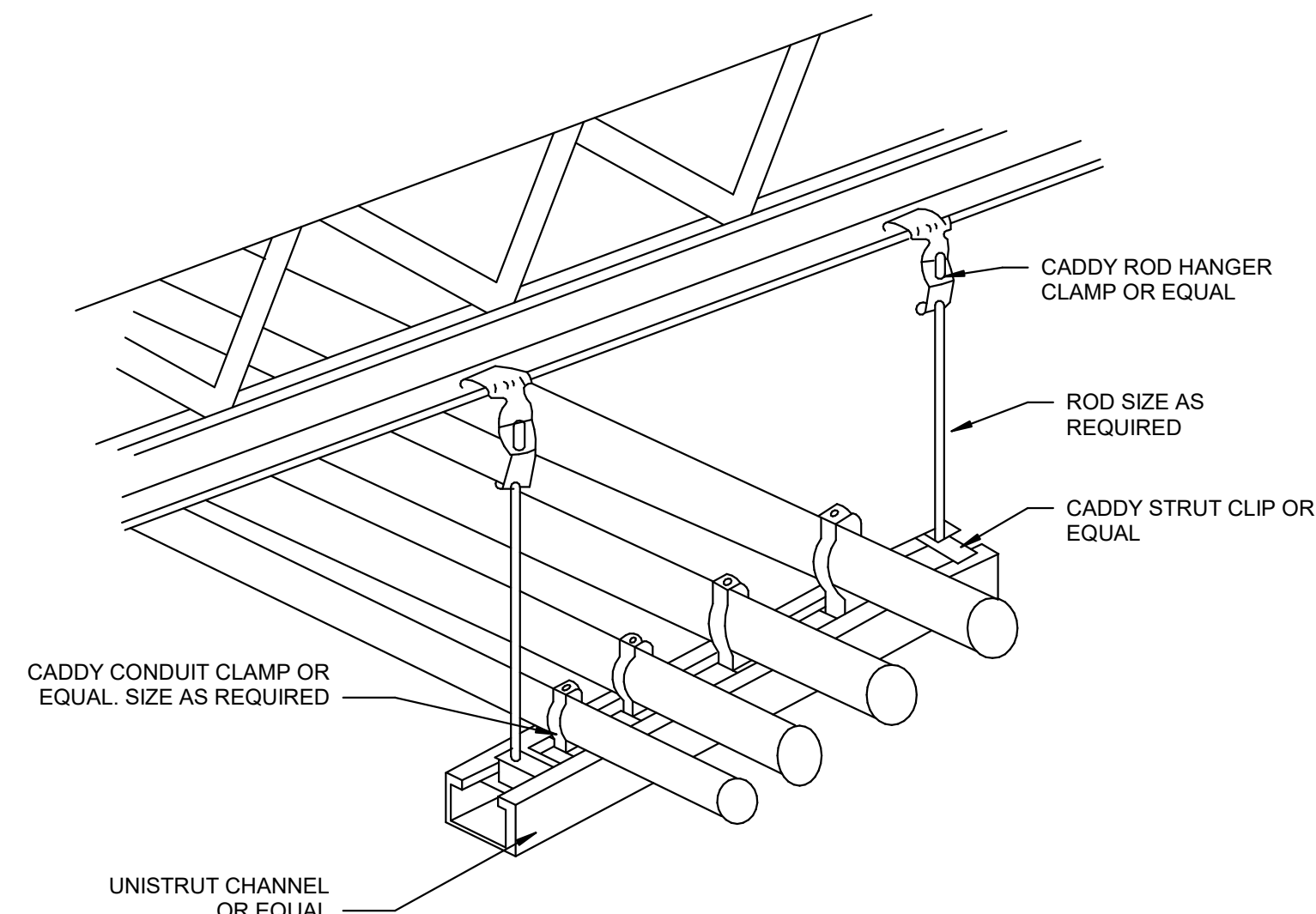
5 PLUMBING FIXTURES ELECTRICAL ROUGH-IN SCHEMATIC

NOT TO SCALE



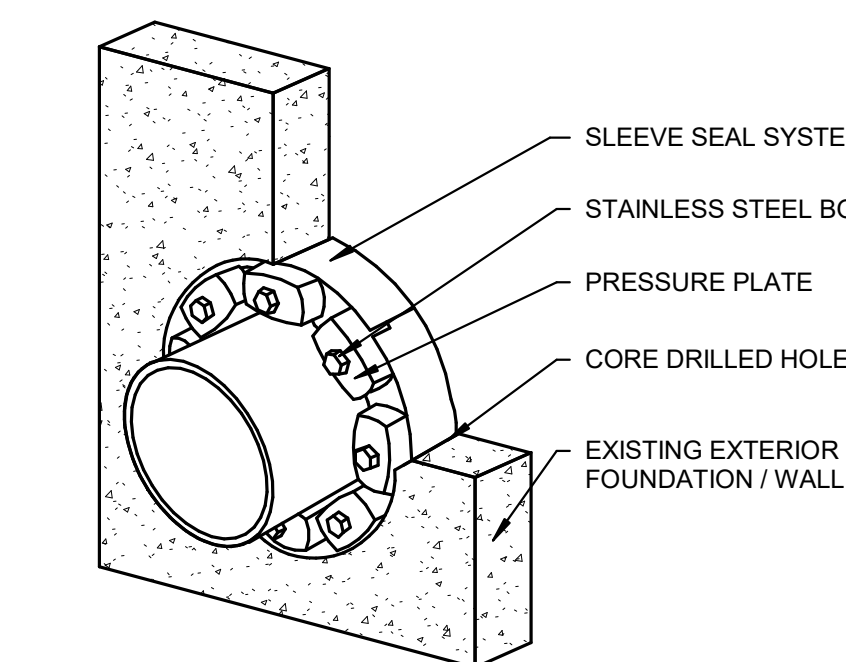
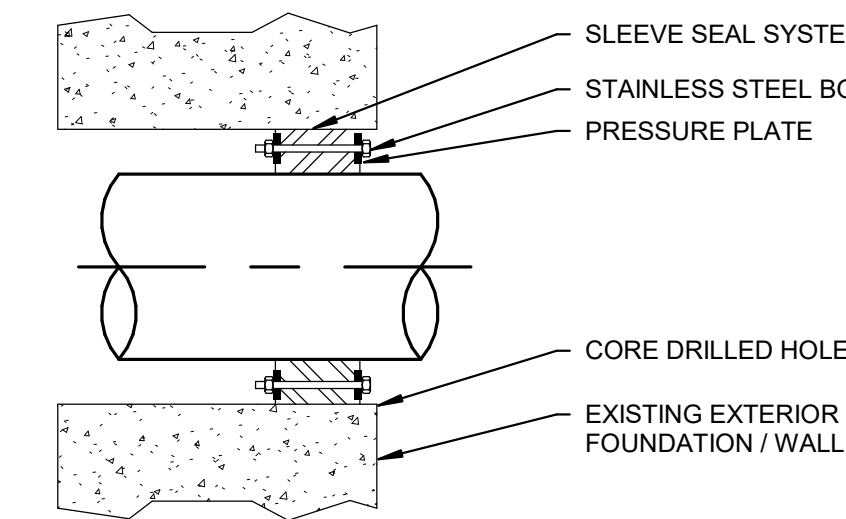
4 CONDUIT 2" AND SMALLER SUPPORT DETAIL

NOT TO SCALE



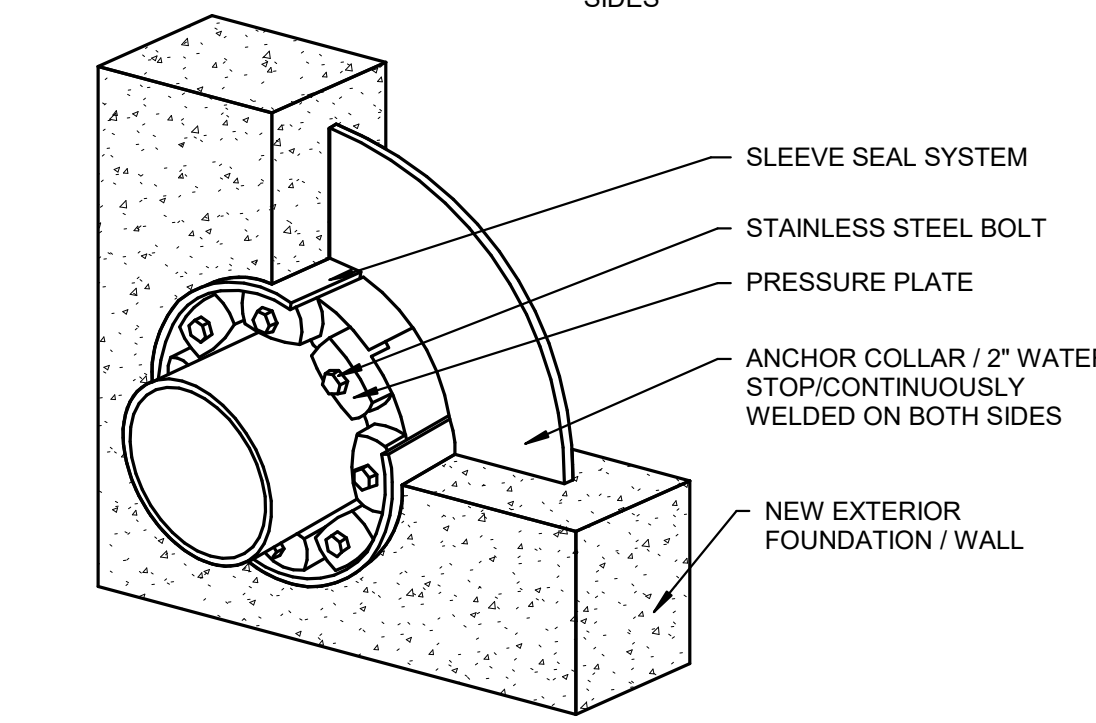
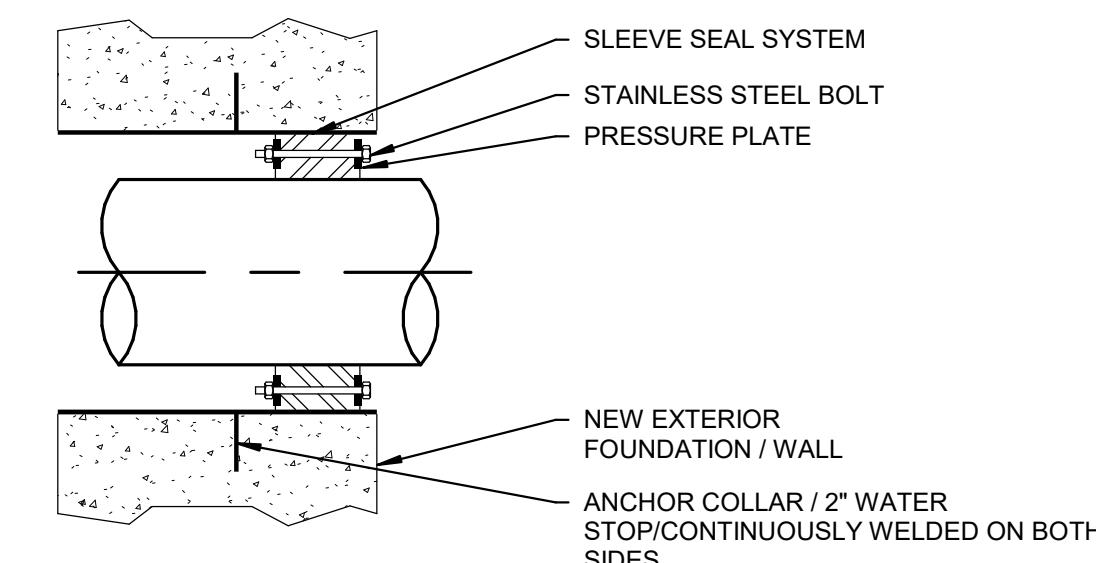
3 CONDUIT 2-1/2" AND LARGER SUPPORT DETAIL

NOT TO SCALE



2 SLEEVE SEAL SYSTEM WITH SLEEVE DETAIL

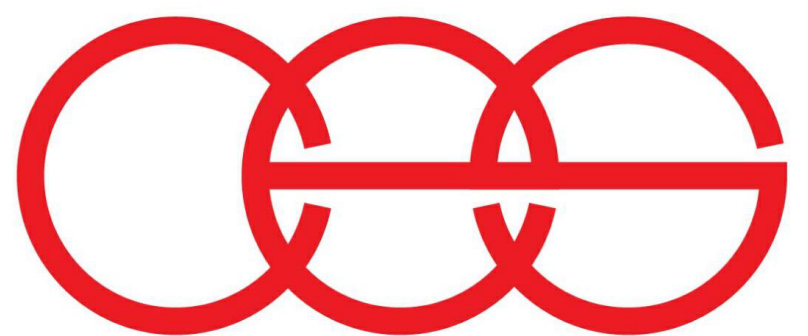
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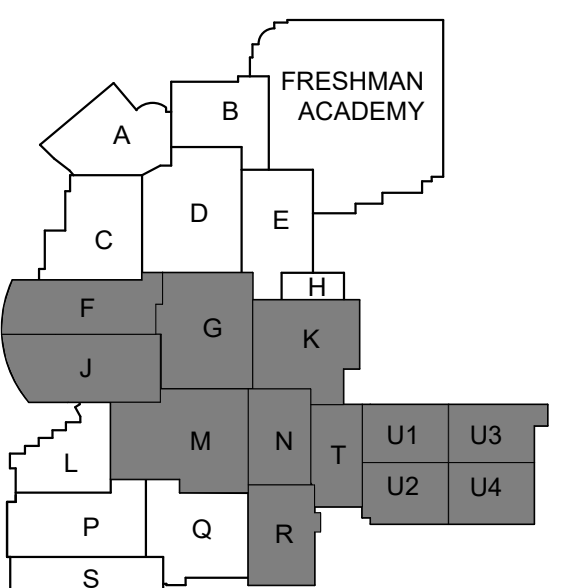
1 SLEEVE SEAL SYSTEM WITH SLEEVE DETAIL

NOT TO SCALE

#	Revision	Date
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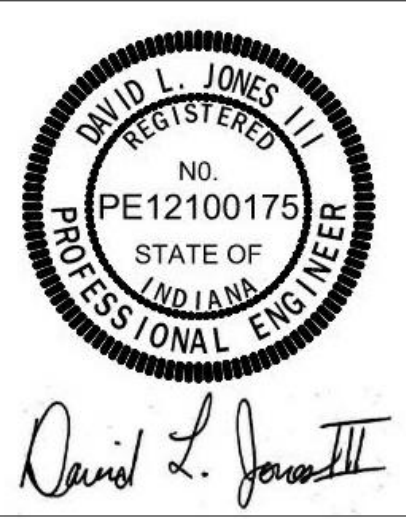
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ADDITION & RENOVATIONS TO: FRANKLIN CENTRAL HIGH SCHOOL PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

GENERAL DETAILS



Project No: 2022063.10

Project Date:

May 29, 2024

Drawing No:

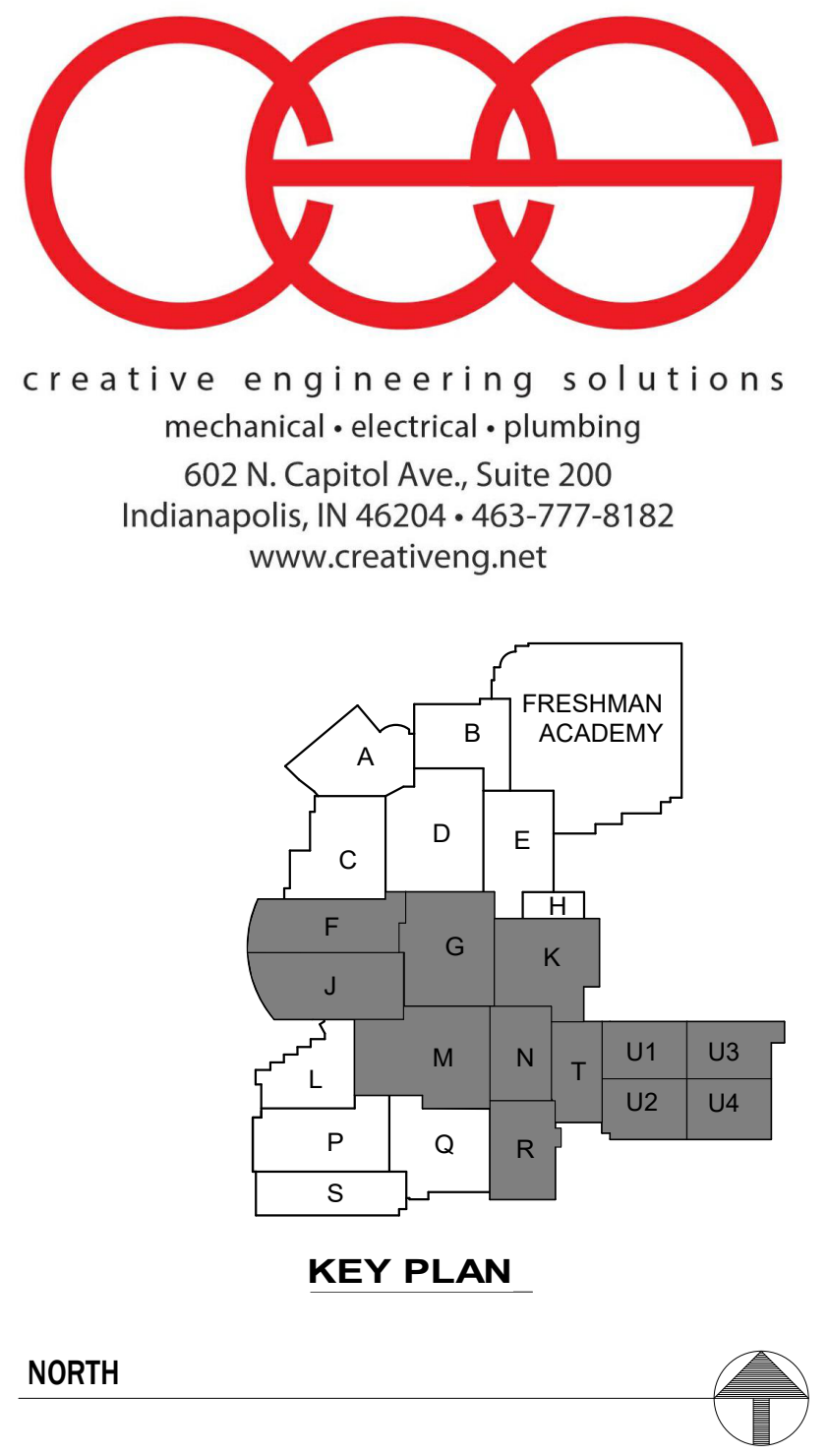
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David L. Jones III

#	Revision	Date
4	ADDENDUM #4	06.24.2024

INTERIOR/EXTERIOR/EMERGENCY & EXIT LIGHT FIXTURES SCHEDULE												
LABEL	DESCRIPTION	SOURCE					MOUNTING	LENS/REFLECTOR	CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	LABEL	
		VOLTAGE	TYPE	LUMENS	WATTS	CCT / CRI						
AA	THEATRICAL LIGHTING, ZOOM RANGE FROM 10 DEGREES TO 50 DEGREES, FRESNEL WASH, FOUR LEAF BARN DOOR, LENS HOLDER, RGBL LED, BLACK HOUSING.	120/277 V	LED	8,500 LM	650 W	4000 K / 80 CRI	PIPE RACK		N/A	VARI LITE VL6000 ACCLAIM FRESNEL SERIES	AA	
AB	THEATRICAL LIGHTING, ZOOM RANGE FROM 25 DEGREES TO 50 DEGREES, FOUR BLADE SHUTTER, LENS HOLDER, RGBL LED, BLACK HOUSING.	120/277 V	LED	8,500 LM	650 W	4000 K / 80 CRI	PIPE RACK		N/A	VARI LITE VL6000 ACCLAIM ZOOMSPOT SERIES	AB	
F	4" LENSED LED STRIP LIGHT, 0-10V DIMMING, WHITE FINISH.	120/277 V	LED	5,000 LM	41 W	4000 K / 80 CRI	CABLE MOUNTED TO STRUCTURE	SEMI-FROSTED LENS	N/A	METALUX SMLD COLUMBIA MPS LITHONIA CSS WILLIAMS 75	F	
FX	4" LENSED LED STRIP LIGHT, 0-10V DIMMING, WHITE FINISH, INTEGRAL BATTERY INVERTER.	120/277 V	LED	5,000 LM	41 W	4000 K / 80 CRI	CABLE MOUNTED TO STRUCTURE	SEMI-FROSTED LENS	N/A	METALUX SMLD COLUMBIA MPS LITHONIA CSS WILLIAMS 75	FX	
M	48" SURFACE MOUNTED EXTRUDED ALUMINUM LED FIXTURE, U.L. LISTED WET LOCATION, BRONZE FINISH, SELF-TESTING, SELF-CONTAINED 90 MINUTE EMERGENCY BATTERY PACK.	120/277 V	LED	3,000 LM	25 W	4000 K / 80 CRI	SURFACE/WALL	DIFFUSED POLYCARBONATE	N/A	LUMINAIRE AEL48 PROVIDE AN ALLOWANCE OF \$XXX PER FIXTURE FOR MATERIAL ONLY, ADD LABOR REQUIRED FOR INSTALLATION.	M	
N	16" DIAMETER LED HIGHBAY, WHITE POLYESTER POWDER COAT FINISH, ROUND, DECORATIVE SHIELD, WIDE DISTRIBUTION, 0-10V DIMMING.	120/277 V	LED	18,000 LM	133 W	4000 K			DLC	METALUX SMLD HOLOPHANE PH5 HUBBELL PH8	N	
NX	16" DIAMETER LED HIGHBAY WITH BATTERY BACK-UP, WHITE POLYESTER POWDER COAT FINISH, ROUND, DECORATIVE SHIELD, WIDE DISTRIBUTION, 0-10V DIMMING.	120/277 V	LED	12,000 LM	106 W	4000 K			DLC	METALUX SMLD HOLOPHANE PH5 HUBBELL PH8	NX	
O	LED CANOPY/CEILING LUMINAIRE, WET LOCATION RATED	120/277 V	LED	6,600 LM	52 W	4000 K / 80 CRI	SURFACE/CEILING	POLYCARBONATE	DLC	CNY LED P2	O	
P	6" ROUND LED DOWNLIGHT, SELF-FLANGED TRIM, 0-10V DIMMING.	120/277 V	LED	1,000 LM	10 W	4000 K / 80 CRI	RECESSED	DIFFUSE IMPACT RESISTANT POLYCARBONATE LENS	N/A	HALO COMMERCIAL PRESCOLITE LTR-6RD LITHONIA LDN6	P	
P1	LED SITE FIXTURE, SINGLE-PIECE ALUMINUM HOUSING, ARM MOUNT, U.L. LISTED WET LOCATION, DARK BRONZE FINISH, ROUND, STRAIGHT, STEEL, POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR, PRIMARY FUSES, FLAT LENS, SURGE PROTECTION, (1) HEAD.	120/277 V	LED	27,400 LM	220 W	4000 K / 80 CRI	30" POLE, BASE BY DIVISION 26 CONTRACTOR	N/A	N/A	MCGRAW-EDISON GLEON LED BEACON VPS LITHONIA DSX2 LED	P1	
P2	LED SITE FIXTURE, SINGLE-PIECE ALUMINUM HOUSING, ARM MOUNT, U.L. LISTED WET LOCATION, DARK BRONZE FINISH, ROUND, STRAIGHT, STEEL, POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR, PRIMARY FUSES, FLAT LENS, SURGE PROTECTION, (1) HEAD.	120/277 V	LED	28,200 LM	220 W	4000 K / 80 CRI	30" POLE, BASE BY DIVISION 26 CONTRACTOR	N/A	N/A	MCGRAW-EDISON GLEON LED BEACON VPS LITHONIA DSX2 LED	P2	
P3	LED SITE FIXTURE, SINGLE-PIECE ALUMINUM HOUSING, ARM MOUNT, U.L. LISTED WET LOCATION, DARK BRONZE FINISH, ROUND, STRAIGHT, STEEL, POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR, PRIMARY FUSES, FLAT LENS, SURGE PROTECTION, (2) HEADS.	120/277 V	LED	27,400 LM / HEAD	220 W	4000 K / 80 CRI	30" POLE, BASE BY DIVISION 26 CONTRACTOR	N/A	N/A	MCGRAW-EDISON GLEON LED BEACON VPS LITHONIA DSX2 LED	P3	
P4	LED SITE FIXTURE, SINGLE-PIECE ALUMINUM HOUSING, ARM MOUNT, U.L. LISTED WET LOCATION, DARK BRONZE FINISH, ROUND, STRAIGHT, STEEL, POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR, PRIMARY FUSES, FLAT LENS, SURGE PROTECTION, (2) HEADS.	120/277 V	LED	18,200 LM / HEAD	135 W	4000 K / 80 CRI	30" POLE, BASE BY DIVISION 26 CONTRACTOR	N/A	N/A	MCGRAW-EDISON GLEON LED BEACON VPS LITHONIA DSX2 LED	P4	
P5	ARCHITECTURAL EXTERIOR WALL LED, FORWARD THROW OPTIC.	120/277 V	LED	10,000 LM	72 W	4000 K / 80 CRI	WALL MOUNTED	CLEAR PRISMATIC	N/A	LITHONIA WDGE3	P5	
PX	6" ROUND LED DOWNLIGHT, SELF-FLANGED TRIM, 0-10V DIMMING, INTEGRAL BATTERY INVERTER	120/277 V	LED	1,000 LM	10 W	4000 K / 80 CRI	RECESSED	DIFFUSE IMPACT RESISTANT POLYCARBONATE LENS	N/A	HALO COMMERCIAL PRESCOLITE LTR-6RD LITHONIA LDN6	PX	
Q	24" DIA. ROUND, DIRECT LED PENDANT, MATTE WHITE FINISH, 0-10V DIMMING TO 1%, 12" BELOW CEILING, ALUMINUM FINISH, 3 VERTICAL CABLE SUPPORT.	120/277 V	LED	2,700 LM	35 W	4000 K / 80 CRI	AIRCRAFT CABLE	FLAT WHITE ACRYLIC LENS	N/A	CAMMAN P1022 EUREKA 4800 FINELITE HP-2-C ALW MR1.5	Q	
R	36" DIA. ROUND, DIRECT LED PENDANT, MATTE WHITE FINISH, 0-10V DIMMING TO 1%, 12" BELOW CEILING, ALUMINUM FINISH, 3 VERTICAL CABLE SUPPORT.	120/277 V	LED	4,900 LM	60 W	4000 K / 80 CRI	AIRCRAFT CABLE	FLAT WHITE ACRYLIC LENS	N/A	CAMMAN P1022 EUREKA 4800 FINELITE HP-2-C ALW MR1.5	R	
RX	36" DIA. ROUND, DIRECT LED PENDANT WITH BATTERY BACK-UP, MATTE WHITE FINISH, 0-10V DIMMING TO 1%, 12" BELOW CEILING, ALUMINUM FINISH, 3 VERTICAL CABLE SUPPORT.	120/277 V	LED	4,900 LM	60 W	4000 K / 80 CRI	AIRCRAFT CABLE	FLAT WHITE ACRYLIC LENS	N/A	CAMMAN P1022 EUREKA 4800 FINELITE HP-2-C ALW MR1.5	RX	
S	48" DIA. X 5" TALL, ROUND, DIRECT LED PENDANT, MATTE WHITE FINISH, 0-10V DIMMING TO 1%.	120/277 V	LED	23,000 LM	290 W	4000 K	AIRCRAFT CABLE	FLAT WHITE ACRYLIC LENS	N/A	LUMENWERX POROPD48 PMC LIGHTING SD48-LED PRUDENTIAL P4040	S	
SX	48" DIA. X 5" TALL, ROUND, DIRECT LED PENDANT WITH BATTERY BACK-UP, MATTE WHITE FINISH, 0-10V DIMMING TO 1%.	120/277 V	LED	23,000 LM	290 W	4000 K	AIRCRAFT CABLE	FLAT WHITE ACRYLIC LENS	N/A	LUMENWERX POROPD48 PMC LIGHTING SD48-LED PRUDENTIAL P4040	SX	
T	72" DIA. X 5" TALL, ROUND, DIRECT LED PENDANT, MATTE WHITE FINISH, 0-10V DIMMING TO 1%.	120/277 V	LED	23,000 LM	290 W	4000 K	AIRCRAFT CABLE	FLAT WHITE ACRYLIC LENS	N/A	LUMENWERX POROPD48 PMC LIGHTING SD48-LED PRUDENTIAL P4040	T	
TX	72" DIA. X 5" TALL, ROUND, DIRECT LED PENDANT WITH BATTERY BACK-UP, MATTE WHITE FINISH, 0-10V DIMMING TO 1%.	120/277 V	LED	23,000 LM	290 W	4000 K	AIRCRAFT CABLE	FLAT WHITE ACRYLIC LENS	N/A	LUMENWERX POROPD48 PMC LIGHTING SD48-LED PRUDENTIAL P4040	TX	
U	84" DIA. X 5" TALL, ROUND, DIRECT LED PENDANT, MATTE WHITE FINISH, 0-10V DIMMING TO 1%.	120/277 V	LED	23,000 LM	290 W	4000 K	AIRCRAFT CABLE	FLAT WHITE ACRYLIC LENS	N/A	LUMENWERX POROPD48 PMC LIGHTING SD48-LED PRUDENTIAL P4040	U	
V	60" DIA. X 5" TALL, ROUND, DIRECT LED PENDANT, MATTE WHITE FINISH, 0-10V DIMMING TO 1%.	120/277 V	LED	23,000 LM	290 W	4000 K	AIRCRAFT CABLE	FLAT WHITE ACRYLIC LENS	N/A	LUMENWERX POROPD48 PMC LIGHTING SD48-LED PRUDENTIAL P4040	V	
W	FLEXIBLE TUBE LIGHT, DMX DIMMING TO 1% RGB.	120/277 V	LED	170LM / FT	50 W	4000 K	PENDANT	SEMI-SPECULAR CLEAR	N/A	PARIAH PRONEON	W	
WX	FLEXIBLE TUBE LIGHT, DMX DIMMING TO 1% RGB.	120/277 V	LED	170LM / FT	3 W	4000 K	PENDANT	SEMI-SPECULAR CLEAR	N/A	PARIAH PRONEON	WX	
WX	LED WALL LIGHT, DIE-CAST ALUMINUM HOUSING, HINGED DOOR FRAME, MEDIUM BRONZE FINISH, U.L. LISTED FOR WET LOCATIONS, FORWARD THROW, INTEGRAL BATTERY INVERTER	120/277 V	LED	4,500 LM	35 W	4000 K / 80 CRI	WALL MOUNTED	TYPE IV DISTRIBUTION	N/A	LITHONIA WEDGE 2 MCGRAW EDISON TRAPEZOID PERFORMANCE LIGHTING SHIELD	WX	
X1	LED EXIT LIGHT, WHITE POLYCARBONIT HOUSING, SINGLE FACE, STENCIL FACE, RED LETTERS, EMERGENCY BATTERY BACKUP.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X1	
X1L	LED EXIT LIGHT, WHITE POLYCARBONIT HOUSING, SINGLE FACE, STENCIL FACE, RED LETTERS, EMERGENCY BATTERY BACKUP.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X1L	
X1R	LED EXIT LIGHT, WHITE POLYCARBONIT HOUSING, SINGLE FACE, STENCIL FACE, RED LETTERS, EMERGENCY BATTERY BACKUP.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X1R	
X2L	LED EXIT LIGHT, WHITE POLYCARBONIT HOUSING, DUAL FACE, STENCIL FACE, RED LETTERS, EMERGENCY BATTERY BACKUP.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X2L	
X2R	LED EXIT LIGHT, WHITE POLYCARBONIT HOUSING, DUAL FACE, STENCIL FACE, RED LETTERS, EMERGENCY BATTERY BACKUP.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X2R	
X3	LED EXIT LIGHT, WHITE POLYCARBONIT HOUSING, SINGLE FACE, STENCIL FACE, RED LETTERS, EMERGENCY BATTERY BACKUP.	120/277 V	LED	N/A	5 W	N/A	UNIVERSAL	N/A	N/A	SURE-LITES CX DUAL-LITE SE LITHONIA LE	X3	
Y	6" ROUND LED DOWNLIGHT SUITABLE FOR SHOWERS, SELF-FLANGED TRIM, 0-10V DIMMING.	120/277 V	LED	1,000 LM	10 W	4000 K / 80 CRI	RECESSED	DIFFUSE IMPACT RESISTANT POLYCARBONATE LENS	N/A	HALO COMMERCIAL PRESCOLITE LTR-6RD LITHONIA LDN6	Y	
ZZ	2"x4" EXTRUDED ALUMINUM LED, 0-10V DIMMING DOWN TO 1%.	120/277 V	LED	125 LM/FT	50 W	3500 K	RECESSED IN XXX	FLUSH SATIN LENS	N/A	FOCAL POINT FSM2LS FINELITE HP2 PINNACLE EDGE	ZZ	
ZZX	2"x4" EXTRUDED ALUMINUM LED, 0-10V DIMMING DOWN TO 1%, EMERGENCY BATTERY BACKUP	120/277 V	LED	125 LM/FT	5 W	3500 K	RECESSED IN XXX	FLUSH SATIN LENS	N/A	FOCAL POINT FSM2LS FINELITE HP2 PINNACLE EDGE	ZZX	

INTERIOR/EXTERIOR/EMERGENCY & EXIT LIGHT FIXTURES SCHEDULE												
LABEL	DESCRIPTION	VOLTAGE	SOURCE				MOUNTING	LENS/REFLECTOR	CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	LABEL	
			TYPE	LUMENS	WATTS	CCT / CRI						
B	2X4 LED FLAT PANEL, 0-10V DIMMING.	120/277 V	LED	6,000 LM	42 W	4000 K / 80 CRI	RECESSED	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CGT LITHONIA CPX ENERGY HARNESS WILLIAMS BP	B	
8X	2X4 LED FLAT PANEL, 0-10V DIMMING, PROVIDE EMERGENCY BATTERY INVERTER.	120/277 V	LED	6,000 LM	42 W	4000 K / 80 CRI	RECESSED	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CGT LITHONIA CPX ENERGY HARNESS WILLIAMS BP	8X	
D	2X2 LED FLAT PANEL, 0-10V DIMMING.	120/277 V	LED	4,000 LM	36 W	4000 K / 80 CRI	RECESSED	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CGT LITHONIA CPX ENERGY HARNESS WILLIAMS BP	D	
DX	2X2 LED FLAT PANEL, 0-10V DIMMING, PROVIDE EMERGENCY BATTERY INVERTER.	120/277 V	LED	4,000 LM	36 W	4000 K / 80 CRI	RECESSED	WHITE FROST ACRYLIC	DLC	METALUX 24FP COLUMBIA CGT LITHONIA CPX ENERGY HARNESS WILLIAMS BP	DX	
Z	4X4 LED FLAT PANEL, 0-10V DIMMING.	120/277 V	LED	11,300 LM	128 W	4000 K / 80 CRI	RECESSED	WHITE FROST ACRYLIC	DLC	WILLIAMS SQR ENERGY HARNESS	Z	
ZX	4X4 LED FLAT PANEL WITH BATTERY BACK-UP, 0-10V DIMMING.	120/277 V	LED	11,300 LM	128 W	4000 K / 80 CRI	RECESSED	WHITE FROST ACRYLIC	DLC	WILLIAMS SQR ENERGY HARNESS	ZX	



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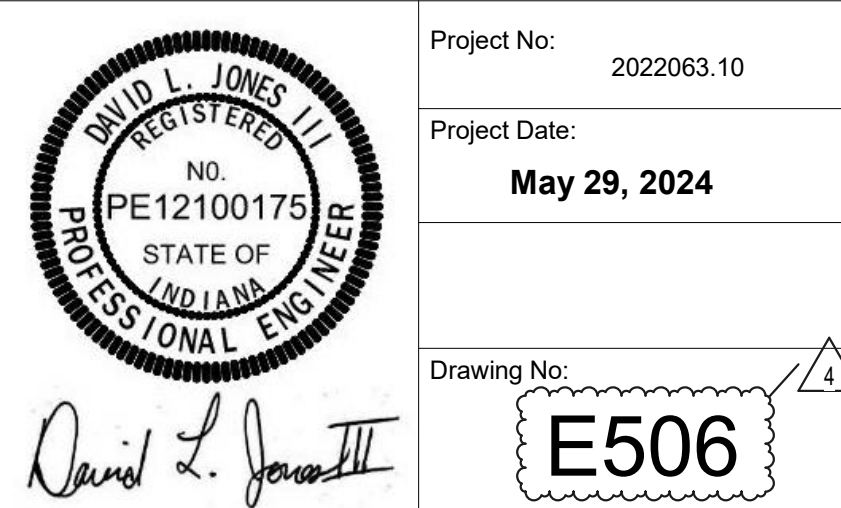
ADDITION & RENOVATIONS TO:

**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**

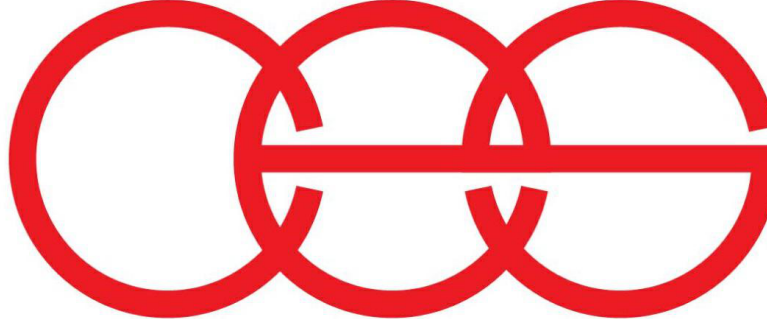
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

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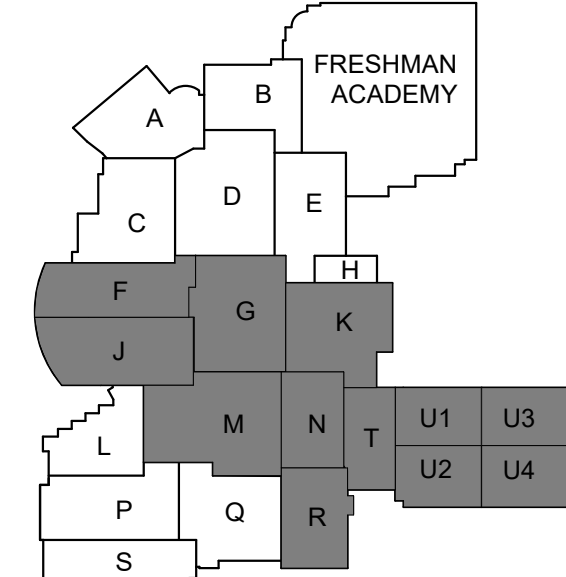
LIGHTING FIXTURE SCHEDULES



LABEL	EQUIPMENT SERVED	EQUIPMENT RATINGS						ACCESSORIES		REMARKS
		VOLTAGE	POLES	AMPERAGE	FUSED	FUSE SIZE	NEMA ENCL.	AUX. CONTACTS	SOLID NEUTRAL	
DS-113		600 V	3	400 A	Yes			(1) N.O. / N.C.	No	
DS-114		600 V	3	400 A	Yes			(1) N.O. / N.C.	No	
DS-115		600 V	3	400 A	Yes			(1) N.O. / N.C.	No	
DS-201	AHU-3	600 V	3	60 A	Yes	YES	3R	(1) N.O. / N.C.	No	
DS-202	AHU-2 SF-1	600 V	3	30 A	Yes	YES	3R	(1) N.O. / N.C.	No	
DS-203	AHU-2 SF-2	600 V	3	30 A	Yes	YES	3R	(1) N.O. / N.C.	No	
DS-204	AHU-4 SF-2	600 V	3	30 A	Yes	YES	3R	(1) N.O. / N.C.	No	
DS-205	AHU-4 SF-1	600 V	3	30 A	Yes	YES	3R	(1) N.O. / N.C.	No	
DS-206	RTU-U6	600 V	3	200 A	Yes	N/A	N/A	(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-207	ERV-U1	600 V	3	100 A	Yes	N/A	N/A	(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-208	CU-U1	240 V	2	30 A	No		3R	(1) N.O. / N.C.	No	PROVIDE SUPPORTS, FUSE PER MANUFACTURER RECOMMENDATIONS
DS-209	CU-U3	240 V	2	30 A	No		3R	(1) N.O. / N.C.	No	PROVIDE SUPPORTS, FUSE PER MANUFACTURER RECOMMENDATIONS
DS-210	AHU-6	600 V	3	60 A	Yes	YES		(1) N.O. / N.C.	No	
DS-211	AHU-5	600 V	3	30 A	Yes	YES	3R	(1) N.O. / N.C.	No	
DS-212	AHU-21 SF-1	600 V	3	60 A	Yes	YES	3R	(1) N.O. / N.C.	No	
DS-213	AHU-21 SF-2	600 V	3	60 A	Yes	YES	3R	(1) N.O. / N.C.	No	
DS-214	SS-U2	240 V	2	30 A	Yes			(1) N.O. / N.C.	No	
DS-215	SS-U3	240 V	2	30 A	Yes			(1) N.O. / N.C.	No	
DS-216	2NXXRU341	600 V	3	200 A	Yes			(1) N.O. / N.C.	No	
DS-217	B-1	240 V	2	30 A	Yes			(1) N.O. / N.C.	Yes	
DS-218	B-2	240 V	2	30 A	Yes			(1) N.O. / N.C.	Yes	
DS-219	DWH-1	240 V	2	30 A	Yes		1	(1) N.O. / N.C.	Yes	
DS-220	DWH-1	240 V	2	30 A	Yes		1	(1) N.O. / N.C.	Yes	
DS-221	HWC-P1	240 V	2	30 A	Yes		1	(1) N.O. / N.C.	Yes	
DS-222	RTU-U4	600 V	3	400 A	Yes	N/A	N/A	(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-223	RTU-U1	600 V	3	400 A	Yes	N/A	N/A	(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-224	RTU-U2	600 V	3	400 A	Yes	N/A	N/A	(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-225	RTU-U3	600 V	3	400 A	Yes	N/A	N/A	(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-226	RTU-U5	600 V	3	400 A	Yes	N/A	N/A	(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-227	CU-K1	240 V	2	30 A	Yes	20A	3R	(1) N.O. / N.C.	No	
DS-228	HWC-P-2	240 V	2	30 A	Yes		1	(1) N.O. / N.C.	Yes	
DS-229	SER-1	600 V	3	200 A	Yes	12S	N/A	(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-231	SS-K1	240 V	2	30 A	Yes	20A	1	(1) N.O. / N.C.	No	
DS-232	2NXXRU341	600 V	3	200 A	Yes			(1) N.O. / N.C.	No	
DS-233	NW BLEACHER	240 V	3	30 A	No			(1) N.O. / N.C.	No	
DS-234	NC BLEACHER	240 V	3	30 A	No			(1) N.O. / N.C.	No	
DS-235	NE BLEACHER	240 V	3	30 A	No			(1) N.O. / N.C.	No	
DS-236	SW BLEACHER	240 V	3	30 A	No			(1) N.O. / N.C.	No	
DS-237	SC BLEACHER	240 V	3	30 A	No			(1) N.O. / N.C.	No	
DS-238	SE BLEACHER	240 V	3	30 A	No			(1) N.O. / N.C.	No	
DS-239	WN BLEACHER	240 V	3	30 A	No			(1) N.O. / N.C.	No	
DS-240	WS BLEACHER	240 V	3	30 A	No			(1) N.O. / N.C.	No	
DS-241	COURT 1 W SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-243	COURT 2 W SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-244	COURT 3 W SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-245	COURT 4 W SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-246	COURT 1 N SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-247	COURT 2 N SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-248	COURT 3 N SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-249	COURT 4 N SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-250	COURT 1 N GOAL	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-251	COURT 2 N GOAL	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-252	COURT 3 N GOAL	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-253	COURT 4 N GOAL	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-254	COURT 1 MID SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-255	COURT 2 MID SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-256	COURT 3 MID SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-257	COURT 4 MID SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-258	COURT 1 S SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-259	COURT 2 S SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-260	COURT 3 S SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-261	COURT 4 S SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-262	COURT 1 S GOAL	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-263	COURT 2 S GOAL	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-264	COURT 3 S GOAL	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-265	COURT 4 S GOAL	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-266	COURT 1 E SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-267	COURT 2 E SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-268	COURT 3 E SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-269	COURT 4 E SCREEN	240 V	2	30 A	No			(1) N.O. / N.C.	Yes	
DS-270	SS-R1	240 V	2	30 A	Yes			(1) N.O. / N.C.	No	
DS-271	CU-R1	240 V	2	30 A	No		3R	(1) N.O. / N.C.	No	
DS-272	CU-T1	240 V	2	30 A	No		3R	(1) N.O. / N.C.	No	
DS-273	SS-T1	240 V	2	30 A	Yes			(1) N.O. / N.C.	No	
DS-275	EF-T1	600 V	3	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-276	EF-T2	600 V	3	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-277	EF-T3	600 V	3	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-278	EF-T4	600 V	3	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-279	EF-N1	600 V	3	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-280	EF-N2	600 V	3	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-281	EF-N3	600 V	3	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-282	EF-N4	600 V	3	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-283	EF-M1	240 V	2	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-284	CU-M1	240 V	2	30 A	No		3R	(1) N.O. / N.C.	No	
DS-285	SS-M1	240 V	2	30 A	Yes			(1) N.O. / N.C.	No	
DS-286	CU-J1	240 V	2	30 A	No		3R	(1) N.O. / N.C.	No	
DS-287	SS-J1	240 V	2	30 A	Yes			(1) N.O. / N.C.	No	
DS-288	EF-J1	240 V	2	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-289	EF-F1	240 V	2	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-290	EF-G1	240 V	2	30 A	No			(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-292	SS-F1	240 V	2	30 A	Yes	20A	1	(1) N.O. / N.C.	No	
DS-293	CU-F1	240 V	2	30 A	No		3R	(1) N.O. / N.C.	No	
DS-294	CU-F2	240 V	2	30 A	No		3R	(1) N.O. / N.C.	No	
DS-295	SS-F2	240 V	2	30 A	Yes	20A		(1) N.O. / N.C.	No	
DS-296	EF-U1	240 V	2	30 A	No		1	(1) N.O. / N.C.	No	PROVIDED BY MANUFACTURER
DS-297	AHU-K1	600 V	3	60 A	Yes	YES	3R	(1) N.O. / N.C.	No	



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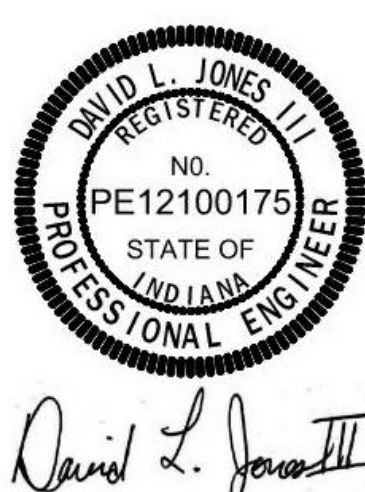


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PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

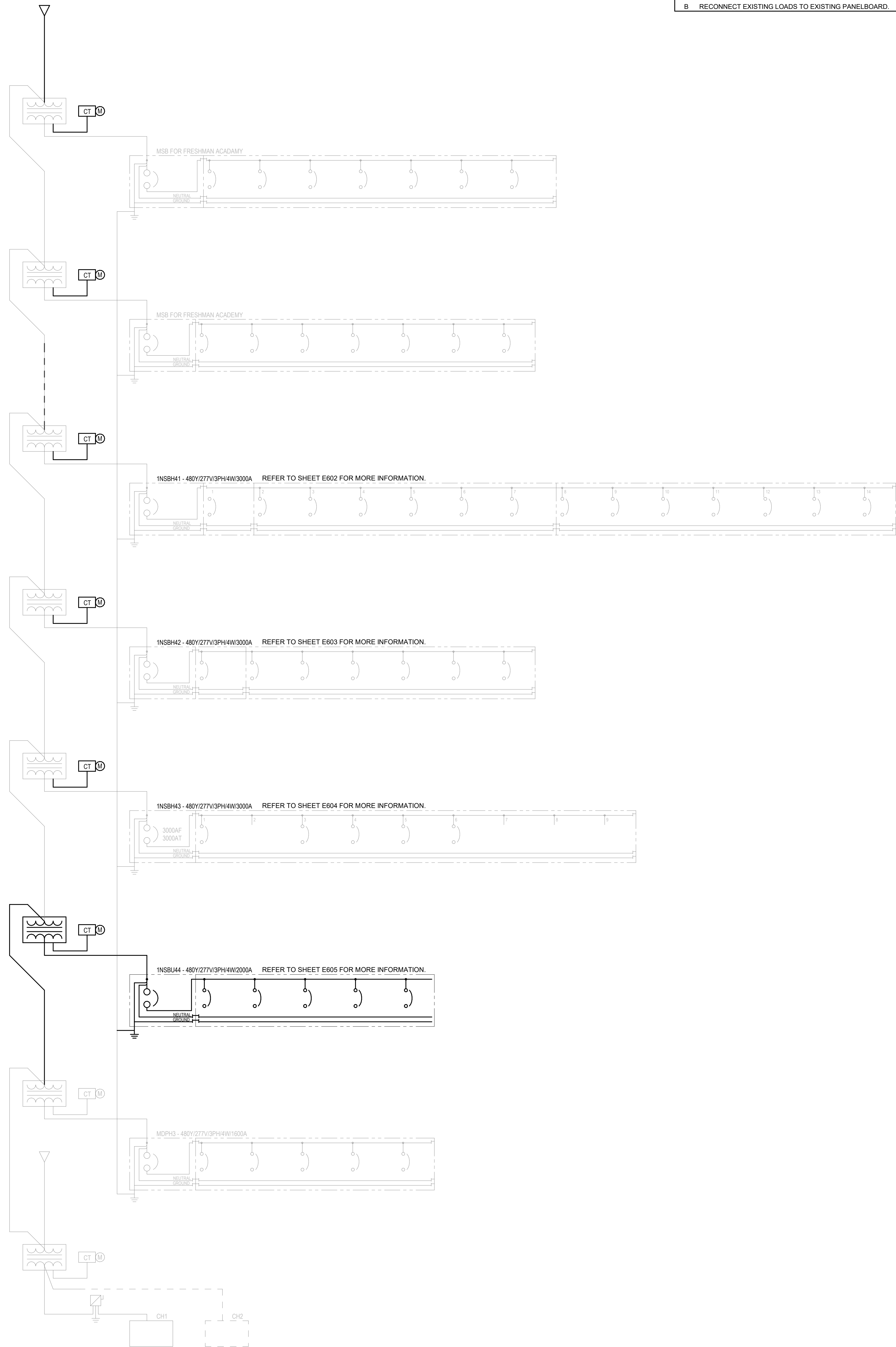
Drawing Title:
ELECTRICAL SCHEDULES



Project No: 2022063.10
Project Date: **May 29, 2024**
Drawing No: **E508**

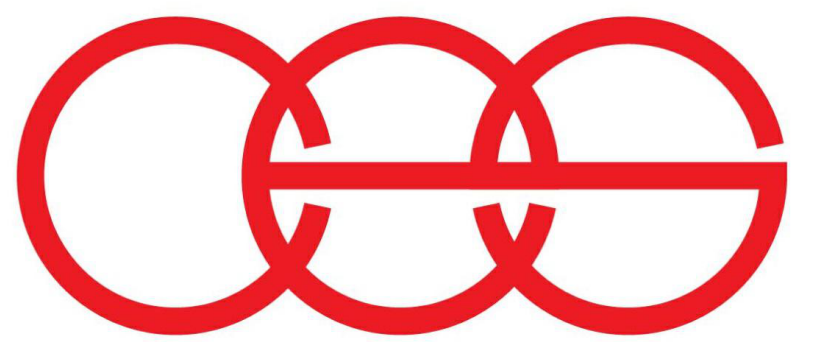
GENERAL ONE-LINE DIAGRAM NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B RECONNECT EXISTING LOADS TO EXISTING PANELBOARD.

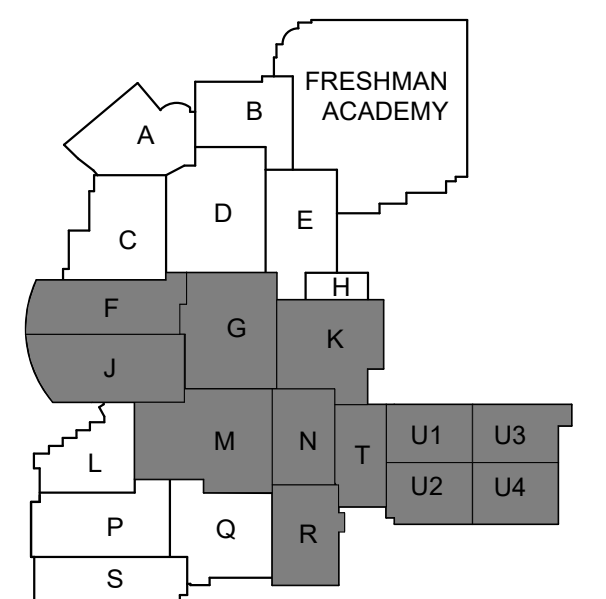


1 OVERALL ONE-LINE DIRAGRAM
NOT TO SCALE

#	Revision	Date
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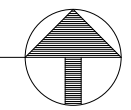


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INDIANAPOLIS, INDIANA

Drawing Title:
OVERALL ONE-LINE DIAGRAM



David L. Jones III

Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

E601

GENERAL ONE-LINE DIAGRAM NOTES

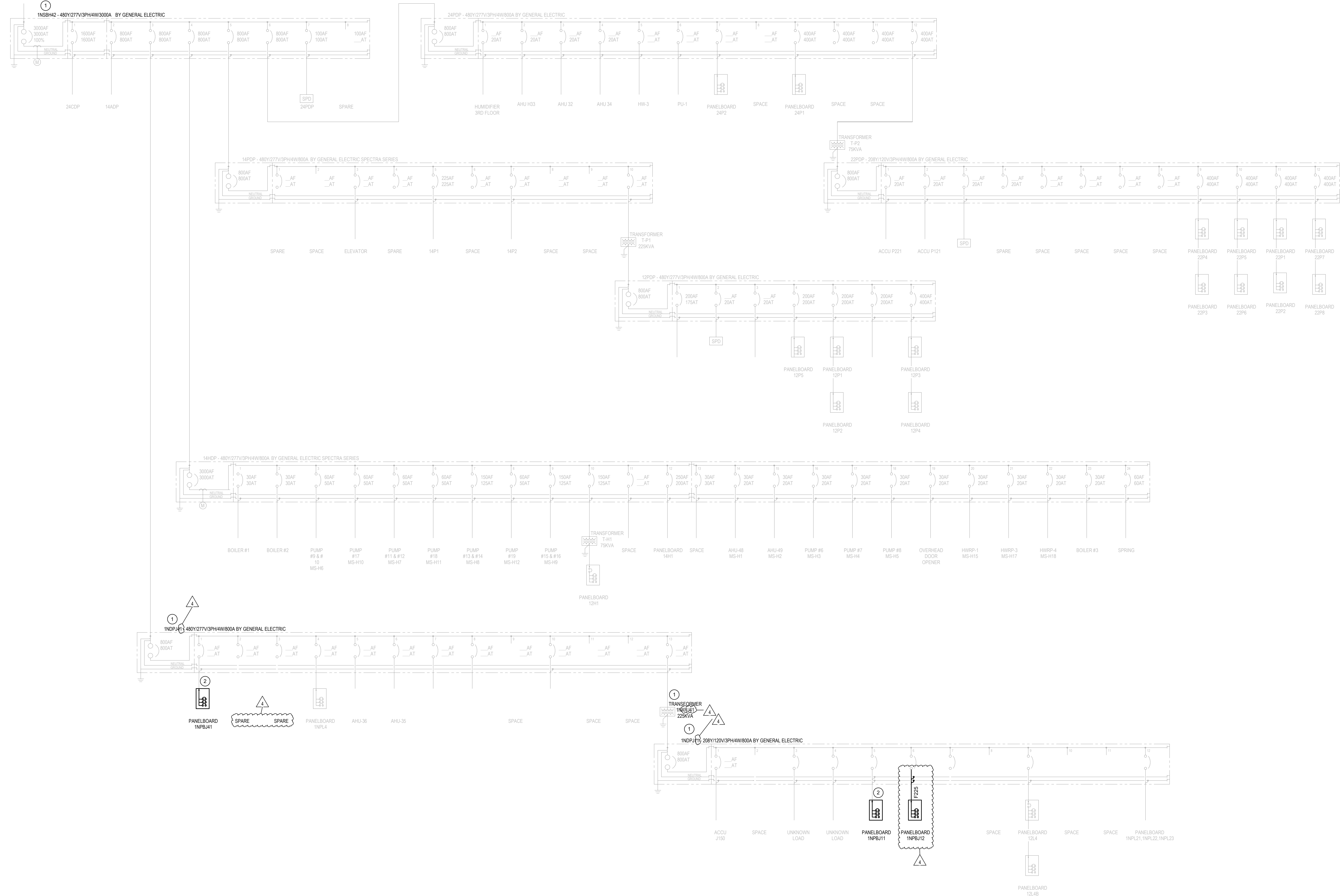
- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B RECONNECT EXISTING LOADS TO EXISTING PANELBOARD.

ONE-LINE DIAGRAM NOTES

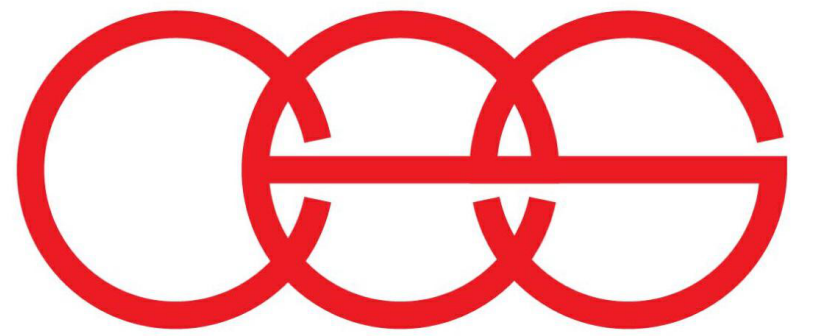
- 1 PROVIDE LABEL.
2 PROVIDE LABEL. PROVIDE PANELBORAD INTERIORS. VERIFY DIMENSIONS, AMPACITY, AND KAIC RATINGS.
3 PROVIDE LABEL. PROVIDE NEW PANELBOARD.

#	Revision	Date
4	ADDENDUM #4	06.24.2024

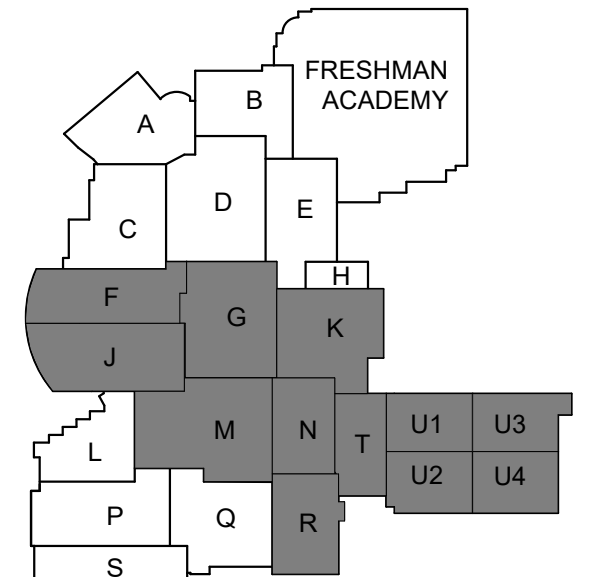
REFER TO SHEET E601
FOR CONTINUATION



1 ONE-LINE DIRAGRAM 1NSBH42
NOT TO SCALE

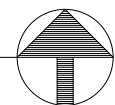


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Drawing Title:

ONE-LINE DIAGRAM 1NSBH42



Project No: 2022063.10
Project Date: May 29, 2024
Drawing No: E603

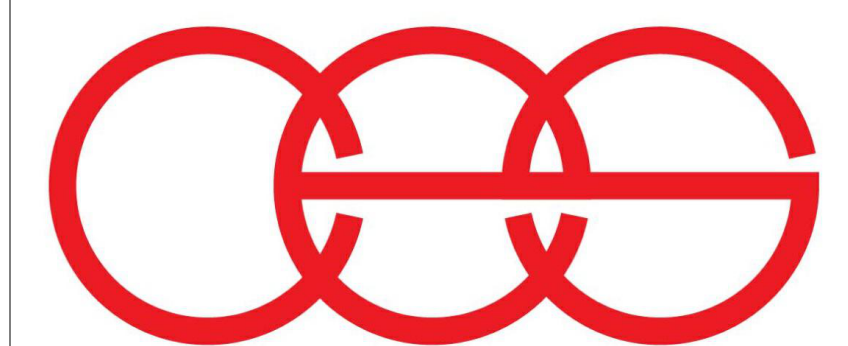
GENERAL ONE-LINE DIAGRAM NOTES

- A REFER TO SHEET E601 FOR ADDITIONAL INFORMATION.
B RECONNECT EXISTING LOADS TO EXISTING PANELBOARD.

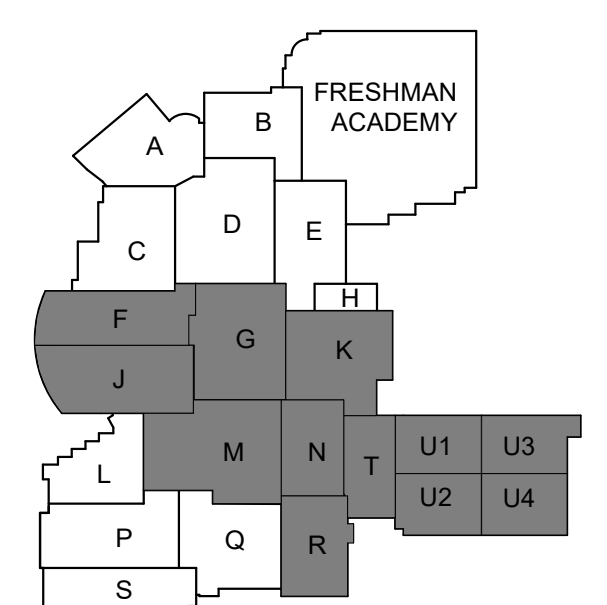
ONE-LINE DIAGRAM NOTES

- 1 PROVIDE LABEL.
2 PROVIDE LABEL, PROVIDE PANELBORAD INTERIORS, VERIFY DIMENSIONS, AMPACITY, AND KAIC RATINGS.
3 PROVIDE LABEL, PROVIDE NEW PANELBOARD.

#	Revision	Date
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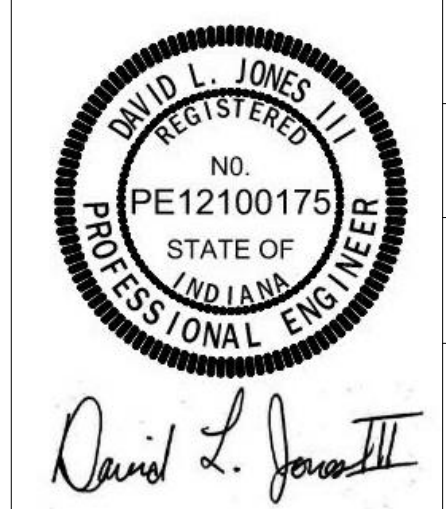
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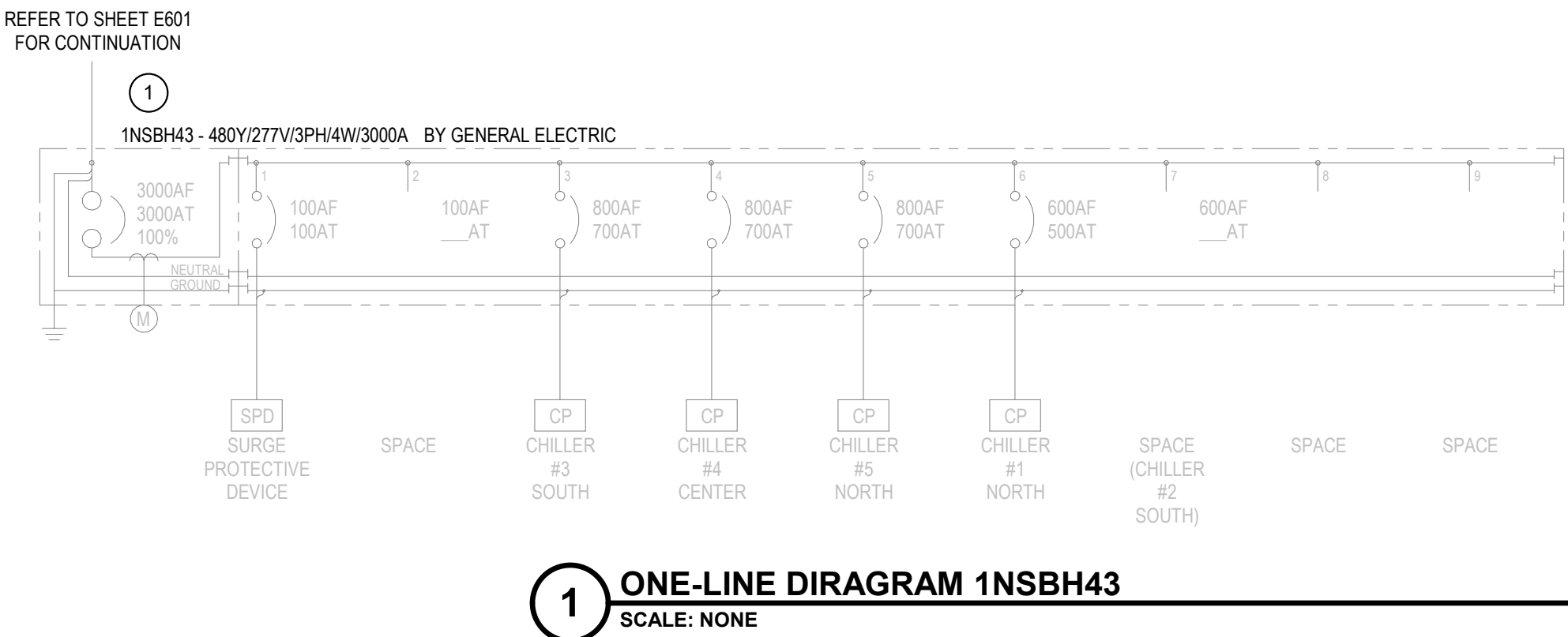
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Drawing Title:
ONE-LINE DIAGRAM 1NSBH43



Project No: 2022063.10
Project Date: **May 29, 2024**
Drawing No: **E604**



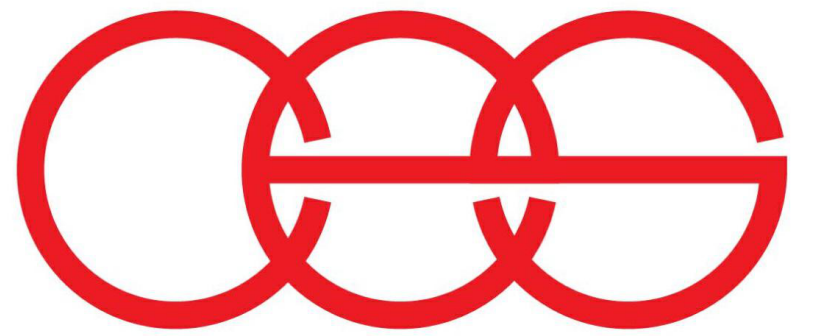
GENERAL ONE-LINE DIAGRAM NOTES

- A REFER TO SHEET E001 FOR ADDITIONAL INFORMATION.
B RECONNECT EXISTING LOADS TO EXISTING PANELBOARD.

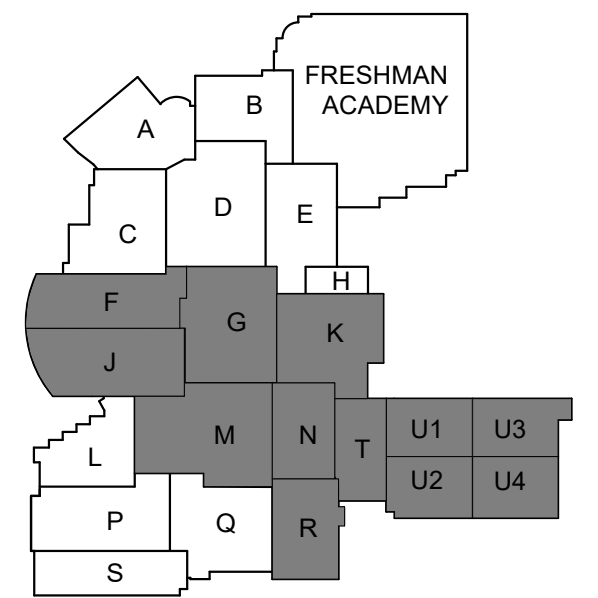
ONE-LINE DIAGRAM NOTES

- 1 PROVIDE LABEL.
2 PROVIDE LABEL. PROVIDE PANELBOARD INTERIORS. VERIFY DIMENSIONS, AMPACITY, AND KAIC RATINGS.
3 PROVIDE LABEL. PROVIDE NEW PANELBOARD.

#	Revision	Date
4	ADDENDUM #4	06.24.2024

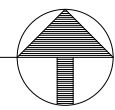


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Drawing Title:

ONE-LINE DIAGRAM 1NSBU44



David L. Jones III

Project No: 2022063.10

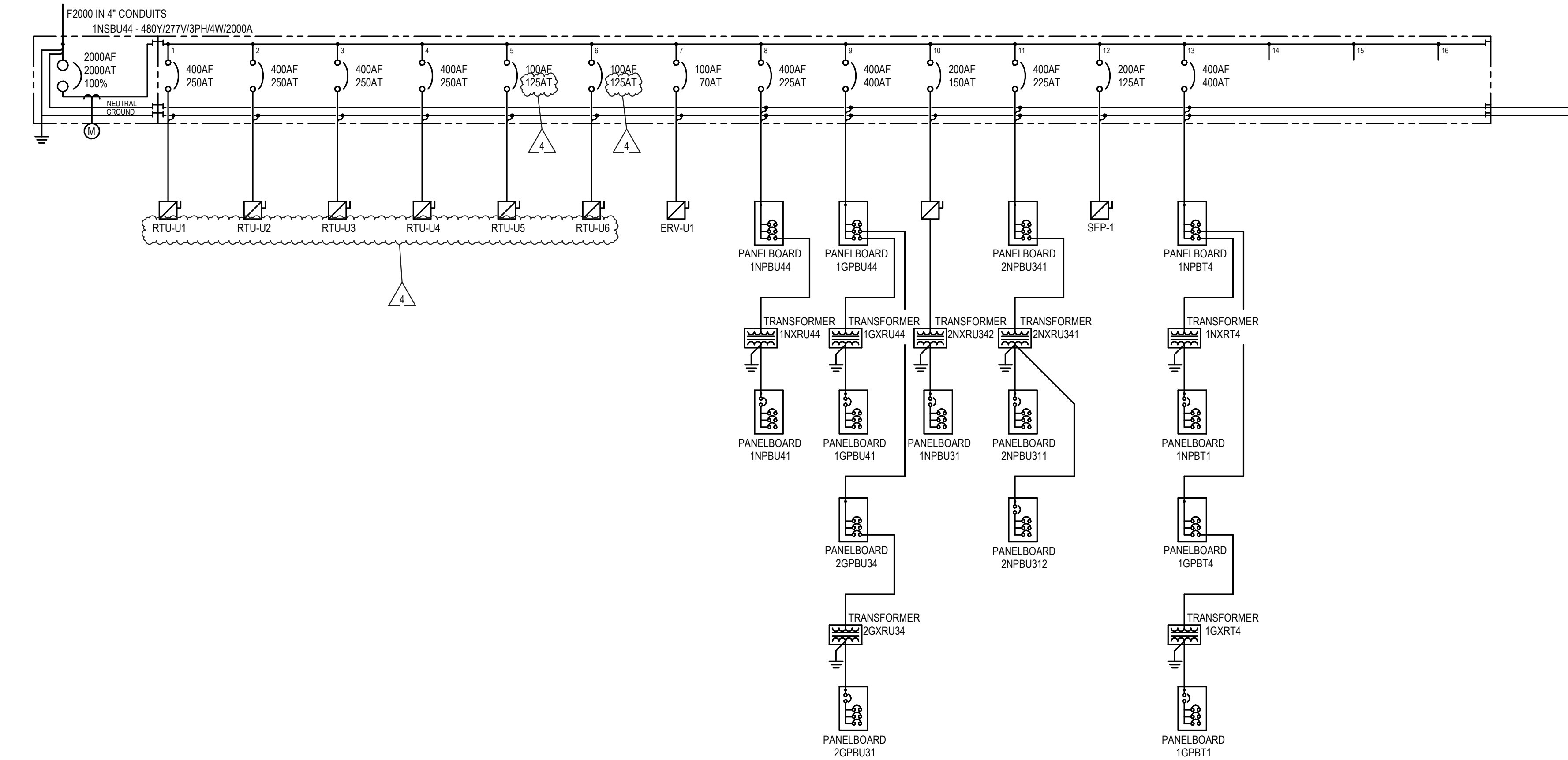
Project Date:

May 29, 2024

Drawing No:

E605

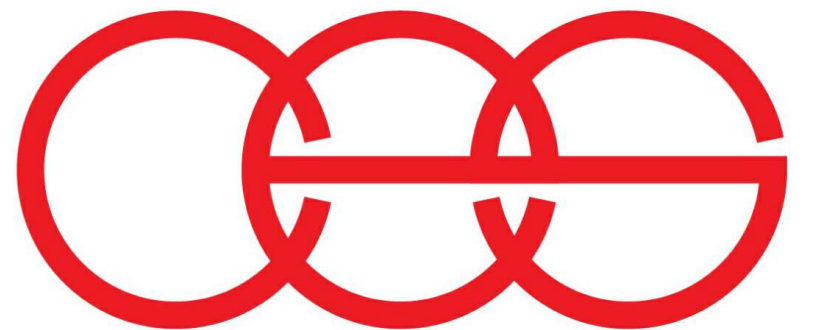
REFER TO SHEET E601
FOR CONTINUATION



ONE-LINE DIRAGRAM 1NSBU44

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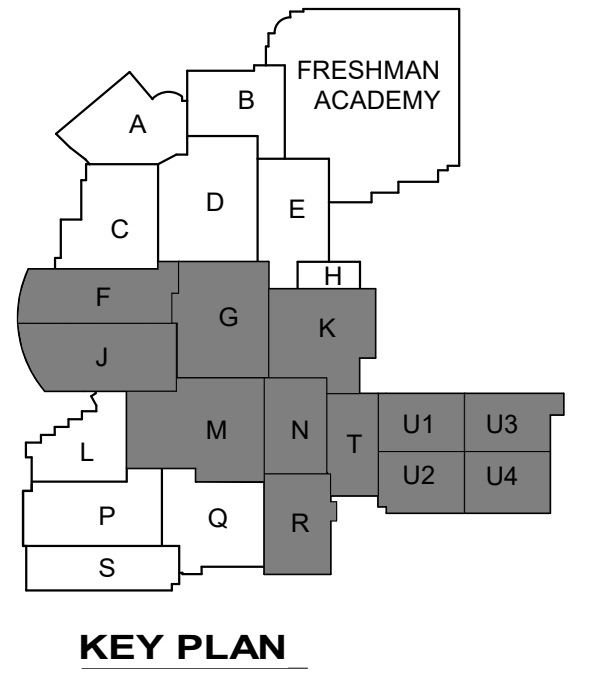
#	Revision	Date
4	ADDENDUM #4	06.24.2024



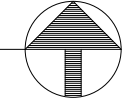
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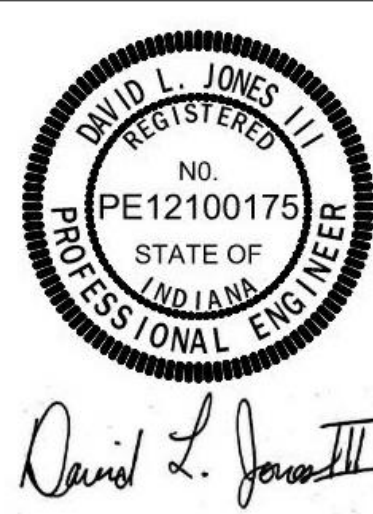


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Drawing Title:
PANELBOARD SCHEDULES



Project No: 2022063.10

Project Date: **May 29, 2024**

Drawing No: **E606**

David L. Jones III

BRANCH PANELBOARD SCHEDULE																
DESIGNATION: 1GPBM41 LOCATION: Room J151 MOUNTING: SURFACE SUPPLY FROM: 1NDPM41										MAINS RATING: 100 A MAINS TYPE: MLO						
VOLTS: 480Y/277 V PHASES: 3 WIRES: 4 AIC RATING: 22K																
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O		
	1	1GXRMM1	M105	50 A	3	1.14	0.81				1	20 A	Lighting - Interior	2		
	3	--	--	--	--	--	--	1.14	1.05		1	20 A	Lighting - Interior	4		
	5	--	--	--	--	--	--			0.00	0.71	1	20 A	Lighting - Interior	6	
	7	SPARE		20 A	1	0.00	0.00					1	20 A	SPARE	8	
	9	SPARE		20 A	1			0.00	0.00			1	20 A	SPARE	10	
	11	SPARE		20 A	1				0.00	0.00		1	20 A	SPARE	12	
	13	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	14		
	15	SPARE		20 A	1			0.00	0.00			1	20 A	SPARE	16	
	17	SPARE		20 A	1				0.00	0.00		1	20 A	SPARE	18	
	19	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	20		
	21	SPARE		20 A	1			0.00	0.00			1	20 A	SPARE	22	
	23	SPARE		20 A	1				0.00	0.00		1	20 A	SPARE	24	
	25	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	26		
	27	SPARE		20 A	1			0.00	0.00			1	20 A	SPARE	28	
	29	SPARE		20 A	1				0.00	0.00		1	20 A	SPARE	30	
	31	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	32		
	33	SPARE		20 A	1			0.00	0.00			1	20 A	SPARE	34	
	35	SPARE		20 A	1				0.00	0.00		1	20 A	SPARE	36	
	37	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	38		
	39	SPARE		20 A	1			0.00	0.00			1	20 A	SPARE	40	
	41	SPARE		20 A	1				0.00	0.00		1	20 A	SPARE	42	
TOTAL LOAD:						1.95 kVA	2.19 kVA	0.71 kVA								
TOTAL AMPS:						8 A	9 A	3 A								
TOTAL CONNECTED LOAD: 4.86 kVA										5.50 kVA TOTAL DEMAND LOAD:						
TOTAL CONNECTED AMPS: 9 A										7 A TOTAL DEMAND AMPS:						
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)										LOAD CLASSIFICATION						
										CONNECTED LOAD (VA)						
										DEMAND FACTOR						
										ESTIMATE DEMAND (VA)						
C CONTACTOR CONTROLLED										2571 VA						
G GFCI PROTECTED										125.00%						
P HANDLE LOCKING DEVICE										2288 VA						
S SHUNT TRIP										100.00%						
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI										0 VA						
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI																
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI																
FEED THROUGH LUGS (FTL)																
SUB FEED LUGS (SFL)																
NOTES:																

BRANCH PANELBOARD SCHEDULE																
DESIGNATION: 1GPBF41 LOCATION: ELEC. F128 MOUNTING: SURFACE SUPPLY FROM: 1NPBF41										MAINS RATING: 100 A MAINS TYPE: MLO						
VOLTS: 480Y/277 V PHASES: 3 WIRES: 4 AIC RATING: 65K																
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O		
	1	1GXRF4		50 A	3	2.64	1.12			1	20 A	Lighting - Interior	2			
	3	--	--	--	--	--	2.14	2.54		1	20 A	Lighting - Interior	4			
	5	--	--	--	--	--		1.22	0.54	1	20 A	Lighting - Interior	6			
	7	Lighting - Interior		20 A	1	0.92	1.21			1	20 A	Lighting - Interior	8			
	9	Lighting - Interior CAFETERIA..		20 A	1		0.70	0.00		1	20 A	SPARE	10	--		
	11	Lighting - Interior COMMONS..		20 A	1			0.04	0.00	1	20 A	SPARE	12	--		
	13	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	14	--		
	15	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE	16	--		
	17	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE	18	--		
	19	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	20	--		
	21	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE	22	--		
	23	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE	24	--		
	25	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	26	--		
	27	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE	28	--		
	29	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE	30	--		
	31	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	32	--		
	33	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE	34	--		
	35	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE	36	--		
	37	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	38	--		
	39	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE	40	--		
	41	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE	42	--		
TOTAL LOAD:						5.89 kVA	5.38 kVA	1.80 kVA								
TOTAL AMPS:						23 A	21 A	6 A								
TOTAL CONNECTED LOAD: 13.06 kVA										14.83 kVA TOTAL DEMAND LOAD:						
TOTAL CONNECTED AMPS: 23 A										19 A TOTAL DEMAND AMPS:						
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)										LOAD CLASSIFICATION						
C CONTACTOR CONTROLLED										7056 VA						
G GFCI PROTECTED										125.00%						
P HANDLE LOCKING DEVICE										2288 VA			2288 VA			
S SHUNT TRIP										0 VA			0 VA			
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI										3720 VA			3720 VA			
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI																
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSIg																
FEED THROUGH LUGS (FTL)																
SUB FEED LUGS (SFL)																
NOTES:																

DESIGNATION: 1N2P11

LOCATION: Room J151

MOUNTING: SURFACE

SUPPLY FROM:

POWER DISTRIBUTION PANEL SCHEDULE

VOLTS: 208Y/120 V

PHASES: 3

WIRES: 4

A/C RATING:

MAINS RATING: 600 A

MAINS TYPE: MLO

MCB RATING: 600 A

MCB OPTIONS: X

O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O
	1	1N2P11		200 A	3	3.86	4.32		3	200 A		1N2P11	2	
--	3	--	--	--	--		3.32	5.18		--	--	--	4	--
--	5	--	--	--	--				2.78	3.60		--	6	--
	7	1N2P11		200 A	3	0.00	0.00		3	200 A		1N2P11	8	
--	9	--	--	--	--		0.00	0.00		--	--	--	10	--
--	11	--	--	--	--			0.00	0.00	--	--	--	12	--
	13												14	
	15												16	
	17												18	
	19												20	
	21												22	
	23												24	
	25												26	
	27												28	
	29												30	
	31												32	
	33												34	
	35												36	
	37												38	
	39												40	
	41												42	
TOTAL LOAD:						8.18 kVA	8.50 kVA	6.38 kVA						
TOTAL AMPS:						70 A	73 A	53 A						
											16.78 kVA TOTAL DEMAND LOAD:			
											47 A TOTAL DEMAND AMPS:			
PANELBOARD & CIRCUIT BREAKER OPTIONS (C) COLLINE / MCB OPTIONS ABBREVIATIONS						LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)		
C [CONTACTOR CONTROLLED						Power - Continuous		500 VA		100.00%		500 VA		
G GFCI PROTECTED						Other		0 VA		0.00%		0 VA		
P HANDLE LOCKING DEVICE						RECEPTACLE		22560 VA		72.16%		16280 VA		
S SHUNT TRIP														
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI														
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI														
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI														
FEED THROUGH LUGS (FTL)														
SUB FEED LUGS (SFL)														

NOTES:

POWER DISTRIBUTION PANELBOARD SCHEDULE													
DESIGNATION: 1NDPG11						VOLTS: 208Y/120 V				MAINS RATING: 800 A			
LOCATION: ELEC. G133						PHASES: 3				MAINS TYPE: MCB			
MOUNTING: SURFACE						WIRES: 4				MCB RATING: 800 A			
SUPPLY FROM:						A/C RATING:				MCB OPTIONS: X			
O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.
	1	INPBG11	G133	200 A	3	7.38	0.00		3	200 A	G133	INPBG12	2
	3						6.66	0.00					4
	5							6.30	0.00				6
	7												8
	9												10
	11												12
	13												14
	15												16
	17												18
	19												20
	21												22
	23												24
	25												26
	27												28
	29												30
	31												32
	33												34
	35												36
	37												38
	39												40
	41												42
TOTAL LOAD:						7.38 kVA	6.66 kVA	6.30 kVA					
TOTAL AMPS:						62 A	56 A	53 A					
TOTAL CONNECTED LOAD: 20.34 kVA													
TOTAL CONNECTED AMPS: 62 A						15.17 kVA							
TOTAL DEMAND AMPS: 42 A						TOTAL DEMAND AMPS: 42 A							
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)						LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)	
C CONTACTOR CONTROLLED G GFCI PROTECTED P HANDLE LOCKING DEVICE S SHUNT TRIP X 80% RATED MAIN CIRCUIT BREAKER WITH LSI Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI FEED THROUGH LUGS (FTL) SUB FEED LUGS (SFL)						RECEPTACLE		20340 VA		74.58%		15170 VA	
NOTES:													

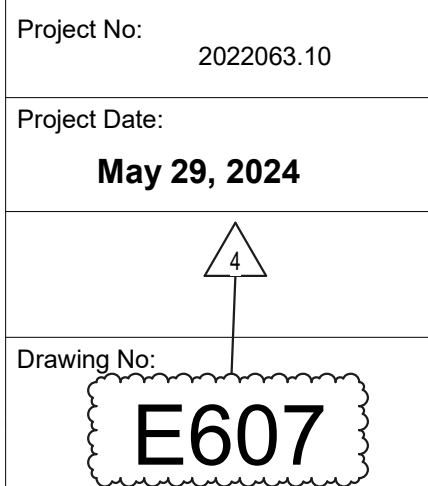
DESIGNATION: 1GPBU41										BRANCH PANELBOARD SCHEDULE										WAINS RATING: 225 A									
LOCATION: ELECTRICAL/STORAGE...										VOLTS: 208Y/120 V										MAINS TYPE: MCB									
MOUNTING: SURFACE										PHASES: 3										MCB RATING: 175 A									
SUPPLY FROM: 1GXR444										WIRES: 4										MCB OPTIONS:									
										AIC RATING: 65K																			
O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O															
	1	RECEPTACLE	U103	20 A	1	0.90	0.00			1	20 A	SPARE	2	--															
	3	FIRE PROTECTION AIR COMP	T107	20 A	1		0.75	0.00		1	20 A	SPARE	4	--															
	5	Power - Continuous		20 A	1				0.50	0.00	1	20 A	SPARE	6	--														
	7	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	8	--														
	9	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	10	--														
	11	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	12	--														
	13	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	14	--														
	15	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	16	--														
	17	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	18	--														
	19	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	20	--														
	21	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	22	--														
	23	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	24	--														
	25	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	26	--														
	27	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	28	--														
	29	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	30	--														
	31	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	32	--														
	33	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	34	--														
	35	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	36	--														
	37	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	38	--														
	39	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	40	--														
	41	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	42	--														
TOTAL LOAD:						0.90 kVA	0.75 kVA	0.50 kVA																					
TOTAL AMPS:						8 A	7 A	5 A																					
TOTAL CONNECTED LOAD: 2.15 kVA										2.15 kVA TOTAL DEMAND LOAD:																			
TOTAL CONNECTED AMPS: 8 A										8 A TOTAL DEMAND AMPS:																			
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)				LOAD CLASSIFICATION				CONNECTED LOAD (VA)				DEMAND FACTOR				ESTIMATE DEMAND (VA)													
C CONTACTOR CONTROLLED				Power - Continuous				1600 VA				100.00%				1600 VA													
G GFCI PROTECTED																													
P HANDLE LOCKING DEVICE																													
S SHUNT TRIP																													
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI																													
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI																													
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI																													
FEED THROUGH LUGS (FTL)																													
SUB FEED LUGS (SFL)																													
NOTES:																													



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PANELBOARD SCHEDULES



BRANCH PANELBOARD SCHEDULE															
DESIGNATION: 1NPBG11					VOLTS: 208Y/120 V					MAINS RATING: 225 A					
LOCATION: ELEC. F128					PHASES: 3					MAINS TYPE: MLO					
MOUNTING: SURFACE					WIRES: 4					SFL					
SUPPLY FROM: 1NDPF11					AIC RATING: 22										
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O	
--	1	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	2	--	
--	3	SPARE		20 A	1			0.00	0.00			SPARE	4	--	
--	5	SPARE		20 A	1					1	20 A	SPARE	6	--	
--	7	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	8	--	
--	9	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	10	--
--	11	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	12	--
--	13	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	14	--	
--	15	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	16	--
--	17	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	18	--
--	19	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	20	--	
--	21	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	22	--
--	23	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	24	--
--	25	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	26	--	
--	27	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	28	--
--	29	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	30	--
--	31	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	32	--	
--	33	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	34	--
--	35	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	36	--
--	37	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	38	--	
--	39	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	40	--
--	41	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	42	--
TOTAL LOAD:						5.04 kVA	5.40 kVA	7.02 kVA							
TOTAL AMPS:						42 A	45 A	59 A							
TOTAL CONNECTED LOAD:						17.46 kVA							13.73 kVA		
TOTAL CONNECTED AMPS:						59 A							38 A	TOTAL DEMAND AMPS:	
TOTAL DEMAND LOAD:												78.64%			
TOTAL DEMAND AMPS:												13730 VA			
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)						LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)			
C CONTACTOR CONTROLLED						RECEPTACLE		17460 VA		78.64%					
G GFCI PROTECTED															
P HANDLE LOCKING DEVICE															
S SHUNT TRIP															
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI															
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI															
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI															
Yes FEED THROUGH LUGS (FTL)															
SUB FEED LUGS (SFL)															
NOTES:															

BRANCH PANELBOARD SCHEDULE															
DESIGNATION: 1NPBG12					VOLTS: 208Y/120 V					MAINS RATING: 225 A					
LOCATION: ELEC. F128					PHASES: 3					MAINS TYPE: MLO					
MOUNTING: SURFACE					WIRES: 4										
SUPPLY FROM: 1NPBG11					AIC RATING: 22K										
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O	
--	1	RECEPTACLE	G121	20 A	1	0.36	0.36			1	20 A	G121 RECEPTACLE	2	--	
--	3	RECEPTACLE	G121	20 A	1		0.36	0.36		1	20 A	G122 RECEPTACLE	4	--	
--	5	RECEPTACLE	G122	20 A	1				0.72	0.90	1	20 A	G122 RECEPTACLE	6	--
--	7	RECEPTACLE	G124	20 A	1	0.90	0.72			1	20 A	G124 RECEPTACLE	8	--	
--	9	RECEPTACLE	G124	20 A	1		1.08	1.08		1	20 A	G127 RECEPTACLE	10	--	
--	11	RECEPTACLE	G127	20 A	1				0.90	0.90	1	20 A	G126 RECEPTACLE	12	--
--	13	RECEPTACLE	G126	20 A	1	0.54	0.36			1	20 A	G126 RECEPTACLE	14	--	
--	15	RECEPTACLE	G126	20 A	1		0.54	0.54			1	20 A	G126 RECEPTACLE	16	--
--	17	RECEPTACLE	G127A	20 A	1				0.90	0.90	1	20 A	G128A RECEPTACLE	18	--
--	19	REFRIGERATOR	G128	20 A	1	0.18	0.90			1	20 A	G128 RECEPTACLE	20	--	
--	21	RECEPTACLE	G128	20 A	1		0.54	0.90		1	20 A	G128 RECEPTACLE	22	--	
--	23	RECEPTACLE	G128	20 A	1				0.90	0.90	1	20 A	G128 RECEPTACLE	24	--
--	25	RECEPTACLE	G133	20 A	1	0.36	0.36			1	20 A	G124 RECEPTACLE	26	--	
--	27	SPARE	--	20 A	3		0.00	0.00		3	20 A	SPARE	28	--	
--	29	--	--	--	--	--			0.00	0.00	--	--	30	--	
--	31	--	--	--	--	0.00	0.00			--	--	--	32	--	
--	33	SPARE	--	20 A	3		0.00	0.00		1	20 A	SPARE	34	--	
--	35	--	--	--	--				0.00	0.00	1	20 A	SPARE	36	--
--	37	--	--	--	--	0.00	0.00			1	20 A	SPARE	38	--	
--	39	SPARE	--	20 A	1		0.00	0.00		1	20 A	SPARE	40	--	
--	41	SPARE	--	20 A	1				0.00	0.00	1	20 A	SPARE	42	--
TOTAL LOAD:						5.04 kVA	5.40 kVA	7.02 kVA							
TOTAL AMPS:						42 A	45 A	59 A							
TOTAL CONNECTED LOAD:						17.46 kVA	13.73 kVA						TOTAL DEMAND LOAD:		
TOTAL CONNECTED AMPS:						59 A	38 A						TOTAL DEMAND AMPS:		
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)						LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)			
C CONTACTOR CONTROLLED						RECEPTACLE		17460 VA		78.64%		13730 VA			
G GFCI PROTECTED															
P HANDLE LOCKING DEVICE															
S SHUNT TRIP															
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI															
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI															
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI															
FEED THROUGH LUGS (FTL)															
SUB FEED LUGS (SFL)															
NOTES:															

BRANCH PANELBOARD SCHEDULE														
DESIGNATION: 1NPBG13					VOLTS: 208Y/120 V					MAINS RATING: 225 A				
LOCATION: ELEC. G133					PHASES: 3					MAINS TYPE: MLO				
MOUNTING: SURFACE					WIRES: 4									
SUPPLY FROM: 1NDPG11					AIC RATING: 65 KAIC									
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O
--	1	RECEPTACLE	G114	20 A	1	0.90	0.90			1	20 A	RECEPTACLE EDIT G113	2	--
--	3	RECEPTACLE	G112	20 A	1		0.90	0.54		1	20 A	G112 RECEPTACLE	4	--
--	5	RECEPTACLE	G111	20 A	1			0.72	0.54	1	20 A	G111 RECEPTACLE	6	--
--	7	RECEPTACLE	G108	20 A	1	0.90	0.90			1	20 A	G107 RECEPTACLE	8	--
--	9	RECEPTACLE	G106	20 A	1		0.90	0.72		1	20 A	G109 RECEPTACLE	10	--
--	11	RECEPTACLE	G108	20 A	1			1.08	0.72	1	20 A	G108 RECEPTACLE	12	--
--	13	RECEPTACLE	G108	20 A	1	0.72	0.54			1	20 A	G108 RECEPTACLE	14	--
--	15	RECEPTACLE	G108	20 A	1		0.36	0.54		1	20 A	G108 RECEPTACLE	16	--
--	17	RECEPTACLE	G108	20 A	1			0.54	0.36	1	20 A	G108 RECEPTACLE	18	--
--	19	RECEPTACLE	G108	20 A	1	0.54	0.36			1	20 A	G108 RECEPTACLE	20	--
--	21	RECEPTACLE	G108	20 A	1		0.36	0.90		1	20 A	G103 RECEPTACLE	22	--
--	23	RECEPTACLE	G104	20 A	1			0.72	0.54	1	20 A	G104 RECEPTACLE	24	--
--	25	RECEPTACLE	G104	20 A	1	0.36	0.54			1	20 A	G116 RECEPTACLE	26	--
--	27	RECEPTACLE	G118	20 A	1		0.36	0.36		1	20 A	G118 RECEPTACLE	28	--
--	29	RECEPTACLE	G118	20 A	1			0.36	0.36	1	20 A	G119 RECEPTACLE	30	--
--	31	RECEPTACLE	G119	20 A	1	0.36	0.36			1	20 A	G119 RECEPTACLE	32	--
--	33	RECEPTACLE	G120	20 A	1		0.36	0.36		1	20 A	G120 RECEPTACLE	34	--
--	35	RECEPTACLE	G120	20 A	1			0.36						--
--	37					0.00				1	20 A	SPARE	38	--
--	39						0.00			1	20 A	SPARE	40	--
--	41							0.00		1	20 A	SPARE	42	--
TOTAL LOAD:						7.38 kVA	6.66 kVA	6.30 kVA						
TOTAL AMPS:						62 A	56 A	53 A						
TOTAL CONNECTED LOAD: 20.34 kVA										15.17 kVA TOTAL DEMAND LOAD:				
TOTAL CONNECTED AMPS: 62 A										42 A TOTAL DEMAND AMPS:				
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / IACS OPTIONS ABBREVIATIONS)						LOAD CLASSIFICATION RECEPTACLE	CONNECTED LOAD (VA) 20340 VA			DEMAND FACTOR 74.58%	ESTIMATE DEMAND (VA) 15170 VA			
C	CONTACTOR CONTROLLED													
G	GFCI PROTECTED													
P	HANDLE LOCKING DEVICE													
S	SHUNT TRIP													
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI													
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI													
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSI													
FEED THROUGH LUGS (FTL)														
SUB FEED LUGS (SFL)														
NOTES:														

BRANCH PANELBOARD SCHEDULE																								
DESIGNATION: 1NPBM13					VOLTS: 208Y/120 V					MAINS RATING: 225 A														
LOCATION: Room J151					PHASES: 3					MAINS TYPE: MLO														
MOUNTING: SURFACE					WIRES: 4																			
SUPPLY FROM: 1NDPM11					AIC RATING: 22 KAIC																			
CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.												
1	RECEPTACLE	M108	20 A	1	0.72	0.54		1	20 A	M108	RECEPTACLE	2												
3	RECEPTACLE	M108	20 A	1		0.72	0.72		1	20 A	M108	RECEPTACLE	4											
5	RECEPTACLE	M108	20 A	1			0.72	0.36	1	20 A	M108	RECEPTACLE	6											
7	RECEPTACLE	M108F	20 A	1	1.08	0.90			1	20 A	M108E	RECEPTACLE	8											
9	RECEPTACLE	M108D	20 A	1		0.90	0.90		1	20 A	M108G	RECEPTACLE	10											
11	RECEPTACLE	M108B	20 A	1			0.90	0.90	1	20 A	M108A	RECEPTACLE	12											
13	RECEPTACLE	M109	20 A	1	0.36	0.72			1	20 A	M110	RECEPTACLE	14											
15	RECEPTACLE	M110	20 A	1		0.72	1.22		1	20 A	M110	RECEPTACLE	16											
17	EW/C	M107	20 A	1			0.36	0.36	1	20 A	M113	RECEPTACLE	18											
P 19	HAND DRYER	M113	20 A	1	0.00	0.00			1	20 A	M114	HAND DRYER	20											
-- 21	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE	22												
-- 23	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE	24												
-- 25	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	26												
-- 27	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE	28												
-- 29	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE	30												
-- 31	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	32												
-- 33	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE	34												
-- 35	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE	36												
-- 37	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	38												
-- 39	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE	40												
-- 41	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE	42												
TOTAL LOAD:					4.32 kVA					5.18 kVA					3.60 kVA									
TOTAL AMPS:					37 A					44 A					30 A									
TOTAL CONNECTED LOAD:					13.10 kVA					11.80 kVA					TOTAL DEMAND LOAD:									
TOTAL CONNECTED AMPS:					144 A					133 A					TOTAL DEMAND AMPS:									
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)					LOAD CLASSIFICATION					CONNECTED LOAD (VA)					DEMAND FACTOR					ESTIMATE DEMAND (VA)				
C CONTACTOR CONTROLLED					Power - Continuous					500 VA					100.00%					500 VA				
G GFCI PROTECTED					Other					0 VA					0.00%					0 VA				
P HANDLE LOCKING DEVICE					RECEPTACLE					12600 VA					89.68%					11300 VA				
S SHUNT TRIP																								
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI																								
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI																								
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI																								
Yes FEED THROUGH LUGS (FTL)																								
SUB FEED LUGS (SFL)																								
NOTES:																								

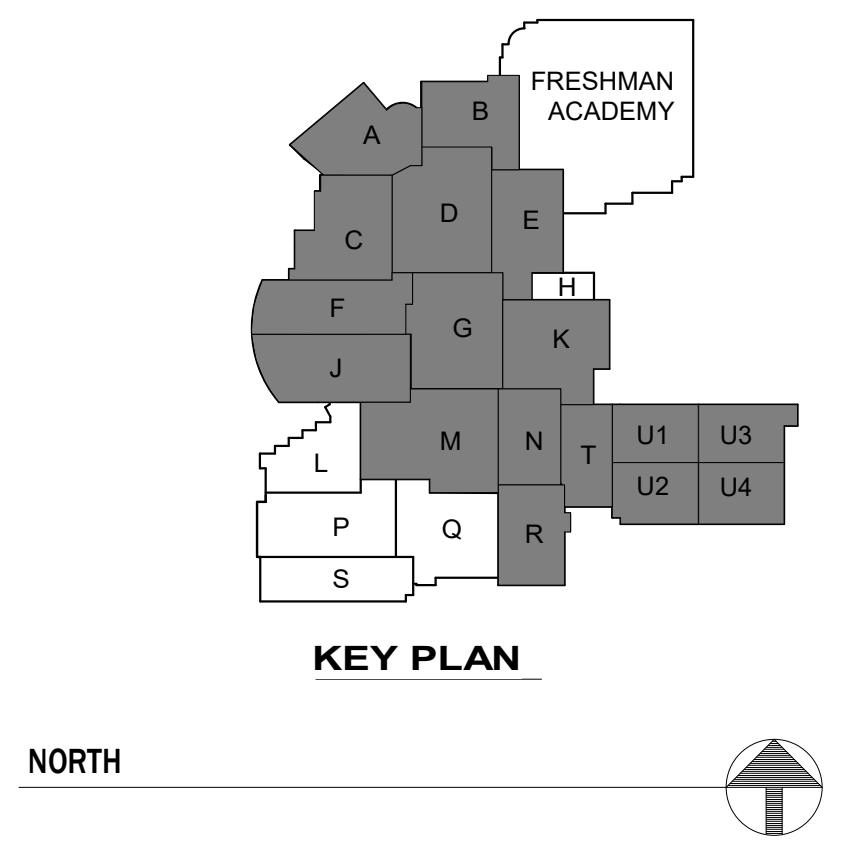
BRANCH PANELBOARD SCHEDULE															
DESIGNATION: 1NPBM14					VOLTS: 208Y/120 V					MAINS RATING: 225 A					
LOCATION: Room J151					PHASES: 3					MAINS TYPE: MLO					
MOUNTING: SURFACE					WIRES: 4										
SUPPLY FROM: 1NDPM11					AIC RATING: 22 KAIC										
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O	
--	1	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	2	--	
--	3	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	4	--
--	5	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	6	--
--	7	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	8	--	
--	9	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	10	--
--	11	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	12	--
--	13	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	14	--	
--	15	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	16	--
--	17	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	18	--
--	19	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	20	--	
--	21	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	22	--
--	23	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	24	--
--	25	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	26	--	
--	27	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	28	--
--	29	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	30	--
--	31	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	32	--	
--	33	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	34	--
--	35	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	36	--
--	37	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE	38	--	
--	39	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	40	--
--	41	SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	42	--
TOTAL LOAD:						0.00 kVA	0.00 kVA	0.00 kVA							
TOTAL AMPS:						0 A	0 A	0 A							
TOTAL CONNECTED LOAD: 0.00 kVA															
TOTAL CONNECTED AMPS: 0 A															
									0.00 kVA TOTAL DEMAND LOAD:						
									0 A TOTAL DEMAND AMPS:						
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)						LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)			
C	CONTACTOR CONTROLLED														
G	GFCI PROTECTED														
S	HANDLE LOCKING DEVICE														
X	SHUNT TRIP														
Y	80% RATED MAIN CIRCUIT BREAKER WITH LSI														
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSI														
	FEED THROUGH LUGS (FTL)														
	SUB FEED LUGS (SFL)														
NOTES:															

#	Revision	Date
4	ADDENDUM #4	06.24.2024

BRANCH PANELBOARD SCHEDULE														
DESIGNATION: 1NPBN15 LOCATION: ELEC. N101A MOUNTING: SURFACE SUPPLY FROM: 1NDPN11							VOLTS: 208Y/120 V PHASES: 3 WIRES: 4 AIC RATING: 22K							
MAINS RATING: 200 A MAINS TYPE: MLO														
CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.		
1	CORD REEL	T102	20 A	1	0.72	0.72			1	20 A	T102	CORD REEL	2	
3	CORD REEL	T102	20 A	1		0.72	0.72		1	20 A	T102	CORD REEL	4	
5	CORD REEL	T103	20 A	1				0.72	0.72	1	20 A	T103	CORD REEL	6
7	CORD REEL	T103	20 A	1	0.72	0.72				1	20 A	T103	CORD REEL	8
9	CORD REEL	T105	20 A	1		0.72	0.72			1	20 A	T105	CORD REEL	10
11	CORD REEL	T105	20 A	1				0.72	0.72	1	20 A	T105	CORD REEL	12
13	CORD REEL	T106	20 A	1	0.72	0.72				1	20 A	T106	CORD REEL	14
15	CORD REEL	T106	20 A	1		0.72	0.72			1	20 A	T106	CORD REEL	16
17	CORD REEL	T112	20 A	1				0.72	0.72	1	20 A	T112	CORD REEL	18
19	CORD REEL	T112	20 A	1	0.72	0.00				1	20 A	SPARE	20	
--	21 SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	22	
--	23 SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	24	
--	25 SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	26	
--	27 SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	28	
--	29 SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	30	
--	31 SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	32	
--	33 SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	34	
--	35 SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	36	
--	37 SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	38	
--	39 SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	40	
--	41 SPARE		20 A	1				0.00	0.00	1	20 A	SPARE	42	
TOTAL LOAD:					5.04 kVA	4.32 kVA		4.32 kVA						
TOTAL AMPS:					42 A	36 A		36 A						
TOTAL CONNECTED LOAD: 13.68 kVA											11.84 kVA TOTAL DEMAND LOAD:			
TOTAL CONNECTED AMPS: 42 A											33 A TOTAL DEMAND AMPS:			
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)					LOAD CLASSIFICATION			CONNECTED LOAD (VA)			DEMAND FACTOR		ESTIMATE DEMAND (VA)	
					Receptacle - General			13680 VA			86.55%		11840 VA	
C CONTACTOR CONTROLLED														
G GFCI PROTECTED														
P HANDLE LOCKING DEVICE														
S SHUNT TRIP														
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI														
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI														
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI														
FEED THROUGH LUGS (FTL)														
SUB FEED LUGS (SFL)														
NOTES:														

BRANCH PANELBOARD SCHEDULE																	
DESIGNATION: 1NPBN12										VOLTS: 208Y/120 V				MAINS RATING: 225 A			
LOCATION:										PHASES: 3				MAINS TYPE: MLO			
MOUNTING: FLUSH										WIRES: 4							
SUPPLY FROM: 1NDPN11										AIC RATING: 22 KAIC							
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O			
--	1	EXHAUST FAN LIGHTS	20 A	1	0.00	0.00				3	20 A	EHF1	2	--			
--	3	FRYER SHUNT TRIP	20 A	1			0.00	0.00		--	--	--	4	--			
--	5	WORKTABLE	20 A	1				0.00	0.00	--	--	--	6	--			
--	7	E44	20 A	3	0.83	0.00				3	20 A	EHF2	8	--			
--	9	--	--	--	--		0.83	0.00		--	--	--	10	--			
--	11	--	--	--	--			0.83	0.00	--	--	--	12	--			
--	13	WORKTABLE	20 A	1	0.00	0.00				3	20 A	EHF3	14	--			
--	15	SPARE	20 A	1			0.00	0.00		--	--	--	16	--			
--	17	REACH IN FREEZER	20 A	1				0.00	0.00	--	--	--	18	--			
--	19	SPARE	20 A	1	0.00	0.00				1	20 A	MILK COOLER	20	--			
--	21	ICE MACHINE	20 A	1			0.00	0.00		1	20 A	MILK COOLER	22	--			
--	23	DISHWASHER EXHAUST FAN	20 A	1				0.00	0.00	1	20 A	MILK COOLER	24	--			
--	25	FRYER FILTER	20 A	1	0.00	0.00				1	20 A	MILK COOLER	26	--			
--	27	FRYER FILTER	20 A	1			0.00	0.00		1	20 A	MILK COOLER	28	--			
--	29	FRYER FILTER	20 A	1				0.00	0.00	1	20 A	MILK COOLER	30	--			
--	31	EXHAUST HOOD LIGHTS	20 A	1	0.00	0.00				1	20 A	K109	32	--			
--	33	EXHAUST HOOD LIGHTS	20 A	1			0.00	0.00		1	20 A	K109	34	--			
--	35	REACH IN REFRIG	20 A	1				0.00	0.00	1	20 A	SPARE	36	--			
--	37	REACH IN REFRIG	20 A	1	0.00	0.00				1	20 A	K109	38	--			
--	39	SPARE	20 A	1			0.00	0.00		2	60 A	STOVE	40	--			
--	41	SPARE	20 A	1				0.00	0.00	--	--	--	42	--			
TOTAL LOAD:						0.83 kVA	0.83 kVA	0.83 kVA									
TOTAL AMPS:						7 A	7 A	7 A									
TOTAL CONNECTED LOAD: 2.50 kVA										2.50 kVA TOTAL DEMAND LOAD:							
TOTAL CONNECTED AMPS: 7 A										7 A TOTAL DEMAND AMPS:							
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)					LOAD CLASSIFICATION			CONNECTED LOAD (VA)			DEMAND FACTOR			ESTIMATE DEMAND (VA)			
					Kitchen Equipment - ...			2496 VA			100.00%			2496 VA			
C CONTACTOR CONTROLLED																	
G GFCI PROTECTED																	
P HANDLE LOCKING DEVICE																	
S SHUNT TRIP																	
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI																	
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI																	
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI																	
FEED THROUGH LUGS (FTL)																	
SUB FEED LUGS (SFL)																	
NOTES: VERIFY EXISTING CIRCUITS AND CIRCUIT BREAKERS.																	

#	Revision	Date
4	ADDENDUM #4	06.24.2024



ADDITION & RENOVATIONS TO:

FRANKLIN CENTRAL HIGH SCHOOL

PHASE 2B

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

DESIGNATION: 1NPBNA1

LOCATION:

MOUNTING: SURFACE

SUPPLY FROM: 1NDPNA1

BRANCH PANELBOARD SCHEDULE

VOLTS: 480Y/277 V

PHASES: 3

WIRES: 4

A/C RATING: 65K

WAINS RATING: 225 A

MAINS TYPE: MLO

O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O					
--	1	COOLER	20 A	3	0.00	0.00				3	20 A	SPARE	2	--					
--	3		--	--	--	--	0.00	0.00		--	--	--	4	--					
--	5		--	--	--	--			0.00	0.00	--	--	6	--					
--	7	FREEZER #2	20 A	3	0.00	0.00				3	20 A	SPARE	8	--					
--	9		--	--	--	--	0.00	0.00		--	--	--	10	--					
--	11		--	--	--	--			0.00	0.00	--	--	12	--					
--	13	FREEZER#	20 A	3	0.00	0.00				3	20 A	FAN	14	--					
--	15		--	--	--	--	0.00	0.00		--	--	--	16	--					
--	17		--	--	--	--			0.00	0.00	--	--	18	--					
--	19	POWER WASH	20 A	3	0.00	0.00				3	20 A	SPARE	20	--					
--	21		--	--	--	--	0.00	0.00		--	--	--	22	--					
--	23		--	--	--	--			0.00	0.00	--	--	24	--					
--	25	SPARE	20 A	3	0.00	0.00				3	20 A	SPARE	26	--					
--	27		--	--	--	--	0.00	0.00		--	--	--	28	--					
--	29		--	--	--	--			0.00	0.00	--	--	30	--					
--	31	AHU-2 SF-1	30 A	3	3.88	3.88				3	30 A	AHU-4 SF-1	32	--					
--	33		--	--	--	--	3.88	3.88		--	--	--	34	--					
--	35		--	--	--	--			3.88	3.88	--	--	36	--					
--	37	AHU-2 SF-2	30 A	3	3.88	3.88				3	30 A	AHU-4 SF-2	38	--					
--	39		--	--	--	--	3.88	3.88		--	--	--	40	--					
--	41		--	--	--	--			3.88	3.88	--	--	42	--					
					TOTAL LOAD:		15.52 KVA	15.52 KVA											
					TOTAL AMPS:		56 A	56 A											
TOTAL CONNECTED LOAD: 46.56 KVA										TOTAL DEMAND LOAD: 46.56 KVA									
TOTAL CONNECTED AMPS: 56 A										56 A TOTAL DEMAND AMPS:									
PANELBOARD & CIRCUIT BREAKER OPTIONS (C* COLUMN / MCB OPTIONS ABBREVIATIONS)					LOAD CLASSIFICATION				CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)						
C	[CONTACTOR CONTROLLED]				Mechanical - Motor				45560 VA		100.00%		45560 VA						
G	[GFCI PROTECTED]				Power - Continuous				0 VA		0.00%		0 VA						
P	[HANDLE LOCKING DEVICE]																		
S	[SHUNT TRIP]																		
X	[80% RATED MAIN CIRCUIT BREAKER WITH LSI]																		
Y	[100% RATED MAIN CIRCUIT BREAKER WITH LSI]																		
Z	[100% RATED MAIN CIRCUIT BREAKER WITH LSI]																		
[FEED THROUGH LUGS (FTL)]																			
[SUB FEED LUGS (SFL)]																			
NOTES: PROVIDE CIRCUIT BREAKER FOR MECHANICAL LOADS.																			

BRANCH PANELBOARD SCHEDULE																		
DESIGNATION: 1NPBN110					VOLTS: 208Y/120 V					MAINS RATING: 225 A								
LOCATION:					PHASES: 3					MAINS TYPE: MLO								
MOUNTING: FLUSH					WIRES: 4													
SUPPLY FROM: 1NDPN11					AIC RATING: 22K													
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O				
--	1	MICROWAVE	30 A	2	0.00	0.00				1	20 A	SPARE GATE WEST	2	--				
--	3	--	--	--	--	--	0.00	0.00		1	20 A	SPARE GATE EAST	4	--				
--	5	MICROWAVE	30 A	2				0.00	0.00	3	20 A	AIR CURTAIN	6	--				
--	7	--	--	--	0.00	0.00				--	--	--	8	--				
--	9	RECEPTACLE	K101	20 A	1		0.72	0.00		--	--	--	10	--				
--	11	RECEPTACLE	K101	20 A	1			0.36	0.00	1	20 A	SPARE	12	--				
--	13	RECEPTACLE	K101	20 A	1	0.72	0.00			3	30 A	ICE CREAM MACHINE	14	--				
--	15	RECEPTACLE	K101	20 A	1		0.18	0.00		--	--	--	16	--				
--	17	RECEPTACLE	K101	20 A	1			0.36	0.00	--	--	--	18	--				
--	19	RECEPTACLE	K101	20 A	1	0.18	0.00			3	30 A	ICE CREAM MACHINE	20	--				
--	21	RECEPTACLE	K101	20 A	1		0.54	0.00		--	--	--	22	--				
--	23	SPARE	20 A	1				0.00	0.00	--	--	--	24	--				
--	25	SPARE	20 A	1	0.00	0.00				1	20 A	SPARE	26	--				
--	27	SPARE	20 A	1			0.00	0.00		1	20 A	SPARE	28	--				
--	29	SPARE	20 A	1				0.00	0.00	1	20 A	SPARE	30	--				
--	31	SPARE	50 A	2	0.00	0.00				2	50 A	SPARE	32	--				
--	33	--	--	--	--	--	0.00	0.00		--	--	--	34	--				
--	35	SPARE	20 A	1				0.00	0.00	1	20 A	SPARE	36	--				
--	37	538 HEATER	30 A	3	0.00	0.00				3	30 A	DOCK HEATER	38	--				
--	39	--	--	--	--	--	0.00	0.00		--	--	--	40	--				
--	41	--	--	--	--	--		0.00	0.00	--	--	--	42	--				
					TOTAL LOAD:		0.90 kVA	1.44 kVA										
					TOTAL AMPS:		8 A	12 A										
TOTAL CONNECTED LOAD: 3.06 kVA										3.06 kVA								
TOTAL CONNECTED AMPS: 12 A										8 A TOTAL DEMAND AMPS:								
PANELBOARD & CIRCUIT BREAKER OPTIONS (C" COLUMN / ABC OPTIONS ABBREVIATIONS)					LOAD CLASSIFICATION		CONNECTED LOAD (VA)			DEMAND FACTOR		ESTIMATE DEMAND (VA)						
C CONTACTOR CONTROLLED					RECEPTACLE		3060 VA			100.00%		3060 VA						
G GFCI PROTECTED																		
P HANDLE LOCKING DEVICE																		
S SHUNT TRIP																		
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI																		
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI																		
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI																		
FEED THROUGH LUGS (FTL)																		
SUB FEED LUGS (SFL)																		
NOTES:																		

DESIGNATION: 1NPBR11

LOCATION: ELEC. R109

MOUNTING: SURFACE

SUPPLY FROM: 1NDPN11

VOLTS: 208Y/120 V

PHASES: 3

WIRES: 4

A/C RATING: 65K

MAINS RATING: 225 A

MAINS TYPE: MLO

SFL

O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O			
	1	RECEPTACLE	R102	20 A	1	0.90	0.80				1	20 A R102 RECEPTACLE	2				
	3	RECEPTACLE	R102	20 A	1		0.36	0.72			1	20 A R102 RECEPTACLE	4				
	5	RECEPTACLE	R102	20 A	1			0.72	0.72		1	20 A R102 RECEPTACLE	6				
	7	RECEPTACLE	R102	20 A	1	0.72	0.72				1	20 A R102 RECEPTACLE	8				
	9	RECEPTACLE	R102	20 A	1		0.72	1.40			1	20 A R101 RECEPTACLE	10				
	11	RECEPTACLE	R101	20 A	1			0.80	0.36	1	20 A R101 RECEPTACLE	12					
	13	RECEPTACLE	R101	20 A	1	0.72	0.72			1	20 A R101 RECEPTACLE	14					
	15	RECEPTACLE	R101	20 A	1		0.72	0.72		1	20 A R101 RECEPTACLE	16					
	17	RECEPTACLE	R101	20 A	1			0.72	0.72	1	20 A R101 RECEPTACLE	18					
	19	RECEPTACLE	R104	20 A	1	0.90	0.80			1	20 A R104 RECEPTACLE	20					
	21	RECEPTACLE	R104	20 A	1		0.36	0.72		1	20 A R104 RECEPTACLE	22					
	23	RECEPTACLE	R104	20 A	1			0.72	0.72	1	20 A R104 RECEPTACLE	24					
	25	RECEPTACLE	R104	20 A	1	0.72	0.72			1	20 A R104 RECEPTACLE	26					
	27	RECEPTACLE	R104	20 A	1		0.72	0.72		1	20 A RECEPT. RECEPTACLE	28					
	29	RECEPTACLE	RECEPT.	20 A	1			0.98	0.36	1	20 A RECEPT. RECEPTACLE	30					
	31	RECEPTACLE	RECEPT.	20 A	1	0.72	0.72			1	20 A RECEPT. RECEPTACLE	32					
	33	RECEPTACLE	RECEPT.	20 A	1		0.72	0.72		1	20 A RECEPT. RECEPTACLE	34					
	35	RECEPTACLE	RECEPT.	20 A	1			0.72	0.72	1	20 A RECEPT. RECEPTACLE	36					
	37	WATER/AIR SYSTEM - GOGGLE	R101	20 A	1	0.00	0.00			1	20 A R105 WATER/AIR SYSTEM - GOGGLE..	38					
	39	WATER/AIR SYSTEM - GOGGLE..	R102	20 A	1		0.00	0.00		1	20 A SPARE	40	--				
	41	WATER/AIR SYSTEM - GOGGLE..	R104	20 A	1			0.00	0.00	1	20 A R101 EMERG. GAS SHUTOFF	42					
TOTAL LOAD:						9.16 kVA	8.60 kVA										
TOTAL AMP:						77 A	72 A	68 A									
TOTAL CONNECTED LOAD: 26.02 kVA										18.26 kVA TOTAL DEMAND LOAD:							
TOTAL CONNECTED AMP: 77 A										51 A TOTAL DEMAND AMPS:							
PANELBOARD & CIRCUIT BREAKER OPTIONS (TO COLUMN / A/CB OPTIONS ABBREVIATIONS)						LOAD CLASSIFICATION				CONNECTED LOAD (VA)				DEMAND FACTOR		ESTIMATE DEMAND (VA)	
						Power - Continuous				500 VA				100.00%		500 VA	
						Other				0 VA				0.00%		0 VA	
C CONTACTOR CONTROLLED						RECEPTACLE				25520 VA				69.59%		17760 VA	
G GFCI PROTECTED																	
P HANDLE LOCKING DEVICE																	
S SHUNT TRIP																	
X 80% RATED MAIN CIRCUIT BREAKER WITH LSI																	
Y 100% RATED MAIN CIRCUIT BREAKER WITH LSI																	
Z 100% RATED MAIN CIRCUIT BREAKER WITH LSI																	
FEED THROUGH LUGS (FTL)																	
SUB FEED LUGS (SFL)																	

NOTES: VERIFY EXISTING CIRCUITS AND CIRCUIT BREAKERS.

BRANCH PANELBOARD SCHEDULE															
DESIGNATION: 1NPBR12					VOLTS: 208Y/120 V					MAINS RATING: 225 A					
LOCATION: ELEC. R109					PHASES: 3					MAINS TYPE: MLO					
MOUNTING: SURFACE					WIRES: 4					SFL					
SUPPLY FROM: 1NDPNN1					AIC RATING: 65K										
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O	
	1	RECEPTACLE	R112	20 A	1	0.72	0.98			1	20 A	R112 RECEPTACLE	2		
	3	RECEPTACLE	R112	20 A	1			0.36	0.72		1	20 A R112 RECEPTACLE	4		
	5	RECEPTACLE	R112	20 A	1					0.72	0.72	1	20 A R112 RECEPTACLE	6	
	7	RECEPTACLE	R112	20 A	1	0.72	0.72				1	20 A R112 RECEPTACLE	8		
	9	RECEPTACLE	R112	20 A	1			0.72	0.72		1	20 A R113 RECEPTACLE	10		
	11	RECEPTACLE	R113	20 A	1				0.98	0.36	1	20 A R113 RECEPTACLE	12		
	13	RECEPTACLE	R113	20 A	1	0.72	0.72				1	20 A R113 RECEPTACLE	14		
	15	RECEPTACLE	R113	20 A	1			0.72	0.72		1	20 A R113 RECEPTACLE	16		
	17	RECEPTACLE	R113	20 A	1				0.72	0.72	1	20 A R113 RECEPTACLE	18		
	19	RECEPTACLE	R114	20 A	1	0.72	0.98				1	20 A R114 RECEPTACLE	20		
	21	RECEPTACLE	R114	20 A	1			0.36	0.72		1	20 A R114 RECEPTACLE	22		
	23	RECEPTACLE	R114	20 A	1					0.72	0.72	1	20 A R114 RECEPTACLE	24	
	25	RECEPTACLE	R114	20 A	1	0.72	0.72				1	20 A R114 RECEPTACLE	26		
	27	RECEPTACLE	R114	20 A	1			0.72	0.72		1	20 A R115 RECEPTACLE	28		
	29	RECEPTACLE	R115	20 A	1				0.98	0.36	1	20 A R115 RECEPTACLE	30		
	31	RECEPTACLE	R115	20 A	1	0.72	0.72				1	20 A R115 RECEPTACLE	32		
	33	RECEPTACLE	R115	20 A	1			0.72	0.72		1	20 A R115 RECEPTACLE	34		
	35	RECEPTACLE	R115	20 A	1				0.72	0.72	1	20 A R115 RECEPTACLE	36		
	37	EMERG. GAS SHUTOFF	R112	20 A	1	0.00	0.00				1	20 A R114 WATER/AIR SYSTEM - GOGGLE...	38		
	39	WATER/AIR SYSTEM - GOGGL...	R112	20 A	1			0.00	0.00		1	20 A R115 WATER/AIR SYSTEM - GOGGLE...	40		
	41	WATER/AIR SYSTEM - GOGGL...	r113	20 A	1						1	20 A SPARE	42	--	
						TOTAL LOAD:	9.16 kVA	7.92 kVA	8.44 kVA						
						TOTAL AMPS:	77 A	66 A	71 A						
TOTAL CONNECTED LOAD: 25.52 kVA										17.76 kVA TOTAL DEMAND LOAD:					
TOTAL CONNECTED AMPS: 77 A										49 A TOTAL DEMAND AMPS:					
PANELBOARD & CIRCUIT BREAKER OPTIONS (C* COLUMN / MCS OPTIONS ABBREVIATIONS)					LOAD CLASSIFICATION			CONNECTED LOAD (VA)			DEMAND FACTOR		ESTIMATE DEMAND (VA)		
C	CONTACTOR CONTROLLED				Prewire - Continuous			25520 VA			69.59%		17760 VA		
G	GFCI PROTECTED														
P	HANDLE LOCKING DEVICE														
S	SHUNT TRIP														
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI														
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI														
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIg														
FEED THROUGH LUGS (FTL)															
SUB FEED LUGS (SFL)															
NOTES:															

DESIGNATION: 1NPRB13

LOCATION: ELEC. R109

MOUNTING: SURFACE

SUPPLY FROM: 1NDFN11

VOLTS: 208Y/120 V

PHASES: 3

WIRES: 4

A/C RATING: 65K

MAINS RATING: 225 A

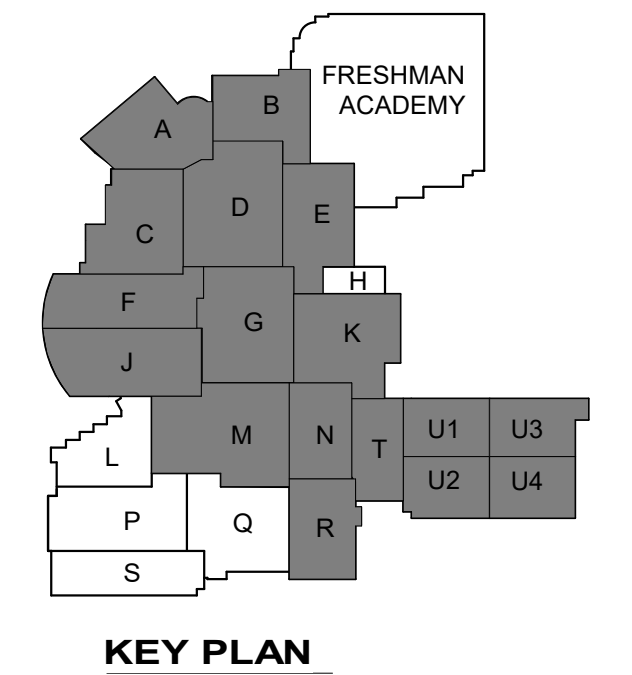
MAINS TYPE: MCB

SFL

O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O	
	1	RECEPTACLE	R117	20 A	1	0.72	0.98			1	20 A	R117	RECEPTACLE	4	
	3	RECEPTACLE	R117	20 A	1		0.36	0.54			1	20 A	R117	RECEPTACLE	2
	5	RECEPTACLE	R117	20 A	1				0.54	0.72	1	20 A	R117	RECEPTACLE	6
	7	RECEPTACLE	R117	20 A	1	0.72	0.54				1	20 A	R117	RECEPTACLE	8
	9	RECEPTACLE	R117	20 A	1			0.54	0.72		1	20 A	R118	RECEPTACLE	10
	11	RECEPTACLE	R118	20 A	1				0.98	0.36	1	20 A	R118	RECEPTACLE	12
	13	RECEPTACLE	R118	20 A	1	0.54	0.54				1	20 A	R118	RECEPTACLE	14
	15	RECEPTACLE	R118	20 A	1			0.72	0.72		1	20 A	R119	RECEPTACLE	16
	17	RECEPTACLE	R118	20 A	1				0.54	0.54	1	20 A	R118	RECEPTACLE	18
	19	RECEPTACLE	R119	20 A	1	0.72	0.98				1	20 A	R119	RECEPTACLE	20
	21	RECEPTACLE	R119	20 A	1			0.36	0.72		1	20 A	R119	RECEPTACLE	22
	23	RECEPTACLE	R119	20 A	1				0.72	0.72	1	20 A	R119	RECEPTACLE	24
	25	RECEPTACLE	R119	20 A	1	0.72	0.72				1	20 A	R119	RECEPTACLE	26
	27	RECEPTACLE	R119	20 A	1			0.72	0.72		1	20 A	R106	RECEPTACLE	28
	29	RECEPTACLE	R106	20 A	1				0.72	0.90	1	20 A	R106	RECEPTACLE	30
	31	RECEPTACLE	R107	20 A	1	0.72	0.72				1	20 A	R107	RECEPTACLE	32
	33	RECEPTACLE	R107	20 A	1			0.90	0.72		1	20 A	R110	RECEPTACLE	34
	35	RECEPTACLE	R110	20 A	1				0.72	0.90	1	20 A	R110	RECEPTACLE	36
---	37	SPARE		20 A	1	0.00	0.00				1	20 A	R117	WATER/AIR SYSTEM - GOGGLE	38
	39	WATER/AIR SYSTEM - GOGGLE	R119	20 A	1			0.00	0.00		1	20 A	SPARE		40
	41	WATER/AIR SYSTEM - GOGGLE	R118	20 A	1						1	20 A	SPARE		42
TOTAL LOAD:						8.62 kVA	7.74 kVA	8.36 kVA							
TOTAL AMPS:						73 A	65 A	70 A							
TOTAL CONNECTED LOAD: 24.72 kVA										17.36 kVA TOTAL DEMAND LOAD:					
TOTAL CONNECTED AMPS: 73 A										48 A TOTAL DEMAND AMPS:					
PANEL BOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABREVIATIONS)						LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)			
C	CONTACTOR CONTROLLED					Power - Continuous		0 VA		0.00%		0 VA			
G	GFCI PROTECTED					RECEPTACLE		24720 VA		70.23%		17360 VA			
P	HANDLE LOCKING DEVICE														
S	SHUNT TRIP														
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI														
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI														
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSI														
FEED THROUGH LUGS (FTL)															
SFL FEED LUGS (SFL)															
NOTES:															

BRANCH PANELBOARD SCHEDULE														
DESIGNATION: 1NPBR14					VOLTS: 208Y/120 V					MAINS RATING: 225 A				
LOCATION: ELEC. R109					PHASES: 3					MAINS TYPE: MCB				
MOUNTING: SURFACE					WIRES: 4					SFL				
SUPPLY FROM: 1NDPN11					AIC RATING: 22K									
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O
	1	CORD REEL	R101	20 A	1	0.72	0.72			1	20 A	R101	CORD REEL	2
	3	CORD REEL	R101	20 A	1		0.72	0.72			1	20 A	R101	4
	5	CORD REEL	R102	20 A	1			0.72	0.72	1	20 A	R102	CORD REEL	6
	7	CORD REEL	R102	20 A	1	0.72	0.72			1	20 A	R102	CORD REEL	8
	9	CORD REEL	R104	20 A	1		0.72	0.72		1	20 A	R104	CORD REEL	10
	11	CORD REEL	R104	20 A	1			0.72	0.72	1	20 A	R104	CORD REEL	12
	13	CORD REEL	R105	20 A	1	0.72	0.72			1	20 A	R105	CORD REEL	14
	15	CORD REEL	R105	20 A	1		0.72	0.72		1	20 A	R105	CORD REEL	16
	17	CORD REEL	R117	20 A	1			0.72	0.72	1	20 A	R117	CORD REEL	18
	19	CORD REEL	R117	20 A	1	0.72	0.72			1	20 A	R118	CORD REEL	20
	21	CORD REEL	R118	20 A	1		0.72	0.72		1	20 A	R118	CORD REEL	22
	23	CORD REEL	R119	20 A	1			0.72	0.72	1	20 A	R119	CORD REEL	24
	25	CORD REEL	R119	20 A	1	0.72	0.72			1	20 A	R119	CORD REEL	26
	27	CORD REEL	R115	20 A	1		0.72	0.72		1	20 A	R115	CORD REEL	28
	28	CORD REEL	R115	20 A	1			0.72	0.72	1	20 A	R115	CORD REEL	30
	31	Receptacle - General LAB R113	20 A	1	0.72	0.72				1	20 A	R113	CORD REEL	32
	33	CORD REEL	R113	20 A	1		0.72	0.72		1	20 A	R113	CORD REEL	34
	35	CORD REEL	R112	20 A	1			0.72	0.72	1	20 A	R112	CORD REEL	36
	37	CORD REEL	R112	20 A	1	0.72	0.72			1	20 A	R112	CORD REEL	38
---	39	SPARE	20 A	1			0.00	0.00		1	20 A	SPARE	40	---
---	41	SPARE	20 A	1				0.00	0.00	1	20 A	SPARE	42	---
---	43	SPARE	20 A	1	0.00	0.00				1	20 A	SPARE	44	---
---	45	SPARE	20 A	1			0.00	0.00		1	20 A	SPARE	46	---
---	47	SPARE	20 A	1				0.00	0.00	1	20 A	SPARE	48	---
---	49	SPARE	20 A	1	0.00	0.00				1	20 A	SPARE	50	---
---	51	SPARE	20 A	1			0.00	0.00		1	20 A	SPARE	52	---
---	53	SPARE	20 A	1				0.00	0.00	1	20 A	SPARE	54	---
---	55	SPARE	20 A	1	0.00	0.00				1	20 A	SPARE	56	---
---	57	SPARE	20 A	1			0.00	0.00		1	20 A	SPARE	58	---
---	59	SPARE	20 A	1				0.00	0.00	1	20 A	SPARE	60	---
TOTAL LOAD:						10.08 kVA	8.64 kVA	8.64 kVA						
TOTAL AMPS:						84 A	72 A	72 A						
TOTAL CONNECTED LOAD: 27.36 kVA										18.68 kVA TOTAL DEMAND LOAD:				
TOTAL CONNECTED AMPS: 84 A										62.2 A TOTAL DEMAND AMPS:				
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)						LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)		
C	CIRCUITOR CONTROLLED					Receptacle - General		27360 VA		68.27%		18680 VA		
G	GFCI PROTECTED													
P	HANDLE LOCKING DEVICE													
S	SHUNT TRIP													
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI													
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI													
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSIg													
FEED THROUGH LUGS (FTL)														
SUB FEED LUGS (SFL)														
NOTES:														

#	Revision	Date
4	ADDENDUM #4	06.24.2024



NORTH 

VPS ARCHITECTURE

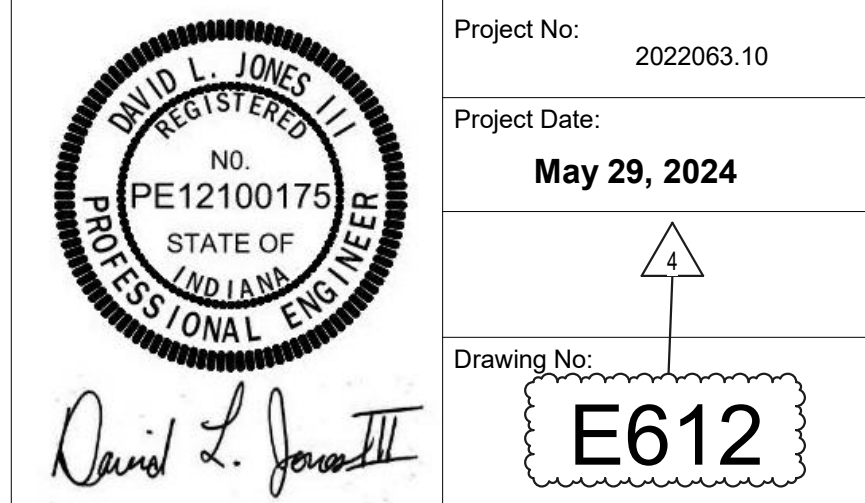
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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**

FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

PANELBOARD SCHEDULES



BRANCH PANELBOARD SCHEDULE															
DESIGNATION: 2NPBU341					VOLTS: 480Y/277 V					MAINS RATING: 225 A					
LOCATION: Space H112					PHASES: 3					MAINS TYPE: MLO					
MOUNTING: SURFACE					WIRES: 4										
SUPPLY FROM: 1NSBU441					AIC RATING: 22K										
O	CKT NO.	DESCRIPTION	ROOM #	TRIP	P	A	B	C	P	TRIP	ROOM #	DESCRIPTION	CKT NO.	O	
	1	2NXRU341		175 A	3	7.74	3.51		1	20 A	SAC	LEVEL 2 LIGHTING	2		
--	3	--	--	--	--	--	7.70	4.10		1	20 A	SAC	HIGH BAY LIGHTING 'a'	4	
--	5	--	--	--	--	--		9.52	3.46	1	20 A	SAC	HIGH BAY LIGHTING 'b'	6	
--	7	HIGH BAY LIGHTING 'c'	SAC	20 A	1	3.46	3.46			1	20 A	SAC	HIGH BAY LIGHTING 'd'	8	
--	9	HIGH BAY LIGHTING 'e'	SAC	20 A	1		2.53	0.00		1	20 A	SPARE		10	
--	11	Other Space H122		20 A	1			3.42	0.00	1	20 A	SPARE		12	
--	13	THEATRICAL SPOT LIGHTS	SAC	20 A	1	2.85	0.00			1	20 A	SPARE		14	
--	15	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE		16	
--	17	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE		18	
--	19	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE		20	
--	21	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE		22	
--	23	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE		24	
--	25	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE		26	
--	27	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE		28	
--	29	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE		30	
--	31	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE		32	
--	33	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE		34	
--	35	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE		36	
--	37	SPARE		20 A	1	0.00	0.00			1	20 A	SPARE		38	
--	39	SPARE		20 A	1		0.00	0.00		1	20 A	SPARE		40	
--	41	SPARE		20 A	1			0.00	0.00	1	20 A	SPARE		42	
TOTAL LOAD:					21.02 kVA		14.32 kVA		16.40 kVA						
TOTAL AMPS:					77 A		52 A		60 A						
TOTAL CONNECTED LOAD:					51.74 kVA						49.39 kVA				
TOTAL CONNECTED AMPS:					177 A						59 A				
TOTAL DEMAND FACTOR:					100.00%						100.00%				
TOTAL ESTIMATE DEMAND:					25638 VA						25638 VA				
TOTAL ESTIMATE AMPS:					117 A						117 A				
TOTAL ESTIMATE FACTOR:					100.00%						100.00%				
TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
TOTAL ESTIMATE AMPS:					117 A						117 A				
TOTAL ESTIMATE FACTOR:					100.00%						100.00%				
TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
TOTAL ESTIMATE AMPS:					117 A						117 A				
TOTAL ESTIMATE FACTOR:					100.00%						100.00%				
TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
TOTAL ESTIMATE AMPS:					117 A						117 A				
TOTAL ESTIMATE FACTOR:					100.00%						100.00%				
TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
TOTAL ESTIMATE AMPS:					117 A						117 A				
TOTAL ESTIMATE FACTOR:					100.00%						100.00%				
TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
TOTAL ESTIMATE AMPS:					117 A						117 A				
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TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
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TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
TOTAL ESTIMATE AMPS:					117 A						117 A				
TOTAL ESTIMATE FACTOR:					100.00%						100.00%				
TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
TOTAL ESTIMATE AMPS:					117 A						117 A				
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TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
TOTAL ESTIMATE AMPS:					117 A						117 A				
TOTAL ESTIMATE FACTOR:					100.00%						100.00%				
TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
TOTAL ESTIMATE AMPS:					117 A						117 A				
TOTAL ESTIMATE FACTOR:					100.00%						100.00%				
TOTAL ESTIMATE LOAD:					25638 VA						25638 VA				
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AHU SCHEDULE																													
IDENTITY DATA					DIMENSIONS			SUPPLY FAN DATA					SUPPLY FAN ELECTRICAL DATA				RETURN FAN DATA					RETURN FAN ELECTRICAL DATA							
MARK	MANUFACTURER	MODEL	LOCATION	AREA SERVED	L	W	H	WEIGHT (LBS)	AIRFLOW (CFM)	ESP/TSP (IN-WG)	RPM	MOTOR			VOLT/PH/HZ	FLA (A)	MCA (A)	MOCP (A)	AIRFLOW (CFM)	ESP/TSP (IN-WG)	RPM	MOTOR			VOLT/PH/HZ	FLA (A)	MCA (A)	MOCP (A)	
												QTY	HP EA.	BHP EA.								QTY	HP EA.	BHP EA.					
AHU-2	TRANE	CSAA035	ROOF	UNIT N	192"	100"	74"	6,801	17,026	3/5	1,800	2	10.0	9.6	460/3/60	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-3	TRANE	CSAA025	ROOF	UNIT N	227"	80"	68"	6,501	12,420	3/5.5	1,800	1	20.0	15.1	460/3/60	24.0	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-4	TRANE	CSAA040	ROOF	UNIT N	167"	113"	74"	6,386	18,546	3/4.6	1,800	2	10.0	9.9	460/3/60	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-5	TRANE	CSAA012	ROOF	UNIT G	170"	66"	48"	2,513	5,100	1.9/3.4	1,800	1	5.0	4.1	460/3/60	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-6	TRANE	CSAA025	ROOF	UNIT K	189"	80"	68"	4,678	11,200	3/4.8	1,800	1	15.0	13.3	460/3/60	18.1	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-7	TRANE	CSAA012	MEZZANINE	UNIT G	136"	67"	45"	1,900	5,100	2/3.7	1,800	1	5.0	4.8	460/3/60	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-8	TRANE	CSAA012	MEZZANINE	UNIT G	136"	67"	45"	1,925	5,285	1.9/3.6	1,800	1	5.0	4.6	460/3/60	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-9	TRANE	CSAA012	MEZZANINE	UNIT G	135"	67"	45"	1,826	6,000	1.8/3.6	1,800	1	7.5	5.4	460/3/60	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-10	TRANE	CSAA014	MEZZANINE	UNIT G	140"	72"	45"	2,115	6,350	2/3.73	1,800	1	7.5	6.2	460/3/60	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-21	TRANE	CSAA050	ROOF	UNIT K	199"	126"	83"	8,357	21,175	3/4.75	1,800	2	15.0	12.8	460/3/60	18.1	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-22	TRANE	CSAA021	MEZZANINE	UNIT F	171"	80"	57"	3,000	9,300	2.5/3.9	1,800	1	10.0	9.1	460/3/60	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-23	TRANE	CSAA017	MEZZANINE	UNIT F	173"	72"	53"	2,619	8,445	2.3/4.2	1,800	1	10.0	9.1	460/3/60	12.5	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-24	TRANE	CSAA017	UNIT F	UNIT F	112"	72"	102"	2,270	7,985	1.8/3.5	1,800	2	6.0	5.4	460/3/60	12.8	14.4	20	-	-	-	-	-	-	-	-	-	-	-
AHU-29	TRANE	CSAA050	MEZZANINE	UNIT R	204"	126"	80"	6,940	22,000	3/4.32	1,800	2	15.0	12.9	460/3/60	18.1	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-30	TRANE	CSAA050	MEZZANINE	UNIT R	204"	126"	80"	6,940	22,000	3/4.32	1,800	2	15.0	12.9	460/3/60	18.1	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-35	TRANE	CSAA014	MEZZANINE	UNIT J	171"	72"	45"	2,304	6,500	1.5/3.0	1,800	1	7.5	5.3	460/3/60	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-36	TRANE	CSAA017	MEZZANINE	UNIT J	169"	72"	53"	2,362	7,790	1.5/2.8	1,800	1	7.5	6.9	460/3/60	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-K1	TRANE	CSAA012	MEZZANINE	UNIT K	145"	67"	48"	2,773	6,000	1.8/3.7	1,800	1	7.5	5.5	460/3/60	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-
AHU-T1	TRANE	CSAA035	UNIT T	UNIT T	289"	100"	71"	8,485	15,000	2.25/4.63	1,800	2	10.0	8.9	460/3/60	12.5	-	-	-	15,000	0.5/1.1	1,800	2	5.0	3.8	460/3/60	7	-	-

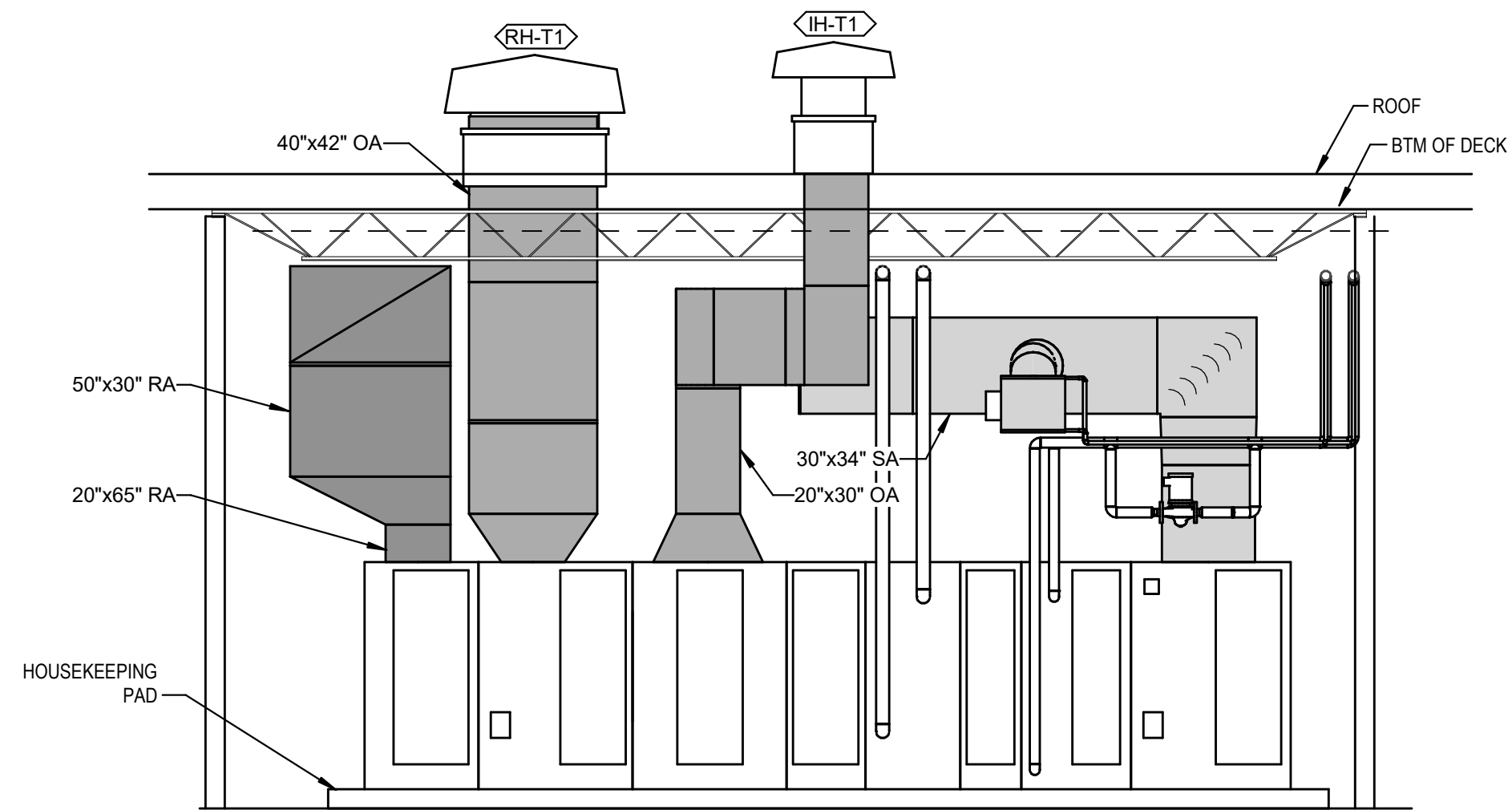
AHU SCHEDULE (CONTINUED)																									MIN OA (CFM)	NOTES
PREHEAT COIL DATA												COOLING COIL DATA														
MARK	AIRFLOW (CFM)	CAPACITY (BTUH)	FLOW (GPM)	EAT (°F) DB	LAT (°F) DB	WPD (FT-WG)	FACE VEL. (FPM)	APD (IN-WG)	ROWS	FPI	FLUID TYPE	TOTAL CAP. (BTUH)	SENSIBLE CAP. (BTUH)	FLOW (GPM)	EAT (°F) DB/WB	LAT (°F) DB/WB	EWTL/WLT (°F)	WPD (FT-WG)	FACE VEL. (FPM)	APD (IN-WG)	ROWS	FPI	FLUID TYPE			
AHU-2	17,026	346,030	34.7	45.0	64	2.4	522	0.07	1	6.7	WATER	708,770	506,990	154	82/68	55/54.7	42/52	16.8	508	0.80	6	10.3	30% PG	4,257	1-3.7	
AHU-3	6,440	438,990	50	3.9	65.83	0.62	372	0.30	4	9.0	WATER	357,690	351,260	77	82/64	55/54.4	42/52	8.3	427	0.54	6	9.2	30% PG	6,080	1-3.5.7	
AHU-4	-	-	-	-	-	-	-	-	-	-	-	744,570	538,330	161	84/69	58/57	42/52	20.0	481	0.51	6	9.0	30% PG	4,637	1-3.7	
AHU-5	2,735	78,790	7.9	46.6	73.2	0.9	222	0.04	2	6.0	WATER	114,050	104,680	25	73.7/61.5	55/53.7	42/52	3.2	415	0.30	4	8.4	30% PG	915	1-3.7	
AHU-6	11,200	232,630	23.3	45.0	64	1.11	465	0.06	1	6.7	WATER	461,400	333,510	100	82/68	55/54.9	42/52	13.1	448	0.70	6	11.9	30% PG	2,800	1-3.7	
AHU-7	2,525	94,470	9.47	30.5	65	1.12	205	0.04	2	6.4	WATER	253,260	115,970	55	75/70	55/54.9	42/52	6.6	432	0.55	4	13.3	30% PG	1,340	1.4.7	
AHU-8	2,455	91,040	9.12	33.0	67	0.81	218	0.02	1	6.7	WATER	266,410	124,280	58	76/70	55/54.9	42/52	7.3	447	0.61	4	13.8	30% PG	1,575	1.4.7	
AHU-9	3,000	119,730	12	28.2	65	1.5	244	0.05	2	7.6	WATER	158,410	138,420	35	76/63	55/54	42/52	5.8	488	0.45	4	10.2	30% PG	1,675	1.4.7	
AHU-10	3,175	90,800	9.1	46.0	72	1.12	233	0.04	2	6.0	WATER	295,300	125,380	64	73/69	55/54.9	42/52	13.9	484	0.53	6	7.4	30% PG	890	1-4.7	
AHU-21	21,175	475,750	47.7	45.0	66	2.45	450	0.06	1	6.7	WATER	873,740	630,540	189	82/68	55/54.8	42/52	12.4	432	0.63	6	11.3	30% PG	5,293	1.3.7	
AHU-22	6,005	276,130	27.7	22.6	65	3.12	303	0.04	1	8.4	WATER	265,770	220,820	58	77/64	55/54.04	42/52	5.3	469	0.42	4	10.1	30% PG	3,425	1-3.6.7	
AHU-23	4,820	218,500	22	23.2	65	2.4	321	0.05	1	8.7	WATER	401,370	221,850	87	78/69	54.5/54	42/52	7.8	503	0.80	8	6.0	30% PG	3,100	1.4.6.7	
AHU-24	4,155	207,280	20.8	19.0	65	2.18	277	0.04	1	8.5	WATER	399,540	185,110	71	76/70	55/54.9	42/54	5.4	475	0.78	8	6.8	30% PG	2,235	1.4.7	
AHU-29	11,000	585,740	59	12.9	62	3.64	234	0.02	1	47.5	WATER	623,560	611,940	135	81/63	55/53	42/52	11.4	456	0.35	6	6.9	30% PG	8,815	1.4.6.7	
AHU-30	11,000	585,740	59	12.9	62	3.64	234	0.02	1	47.5	WATER	623,560	611,940	135	81/63	55/53	42/52	11.4	456	0.35	6	6.9	30% PG	8,815	1.4.6.7	
AHU-35	4,000	148,790	15	30.7	65	1.6	320	0.04	1	7.7	WATER	188,570	155,790	40	76/64	55/54.2	42/52	4.1	495	0.50	4	10.8	30% PG	2,110	1.4.7	
AHU-36	3,975	127,640	13	39.0	69	1.1	265	0.03	1	6.7	WATER	166,650	164,860	36	74/61	55/53.3	42/52	4.8	464	0.33	4	7.8	30% PG	1,585	1.4.7	
AHU-K1	-	-	-	-	-	-	-	-	-	-	-	216,320	165,200	39	80/66	55/54	42/54	2.3	488	0.73	8	6.8	30% PG	900	1-3.7	
AHU-T1	7,500	358,400	66	21.7	65	10.6	361	0.22	3	9.0	WATER	676,880	419,410	146	80.3/69	0.1	42/52	15.5	447	0.64	6	10.2	30% PG	5,000	1.4.7	

AIR HANDLING UNIT SCHEDULE NOTES

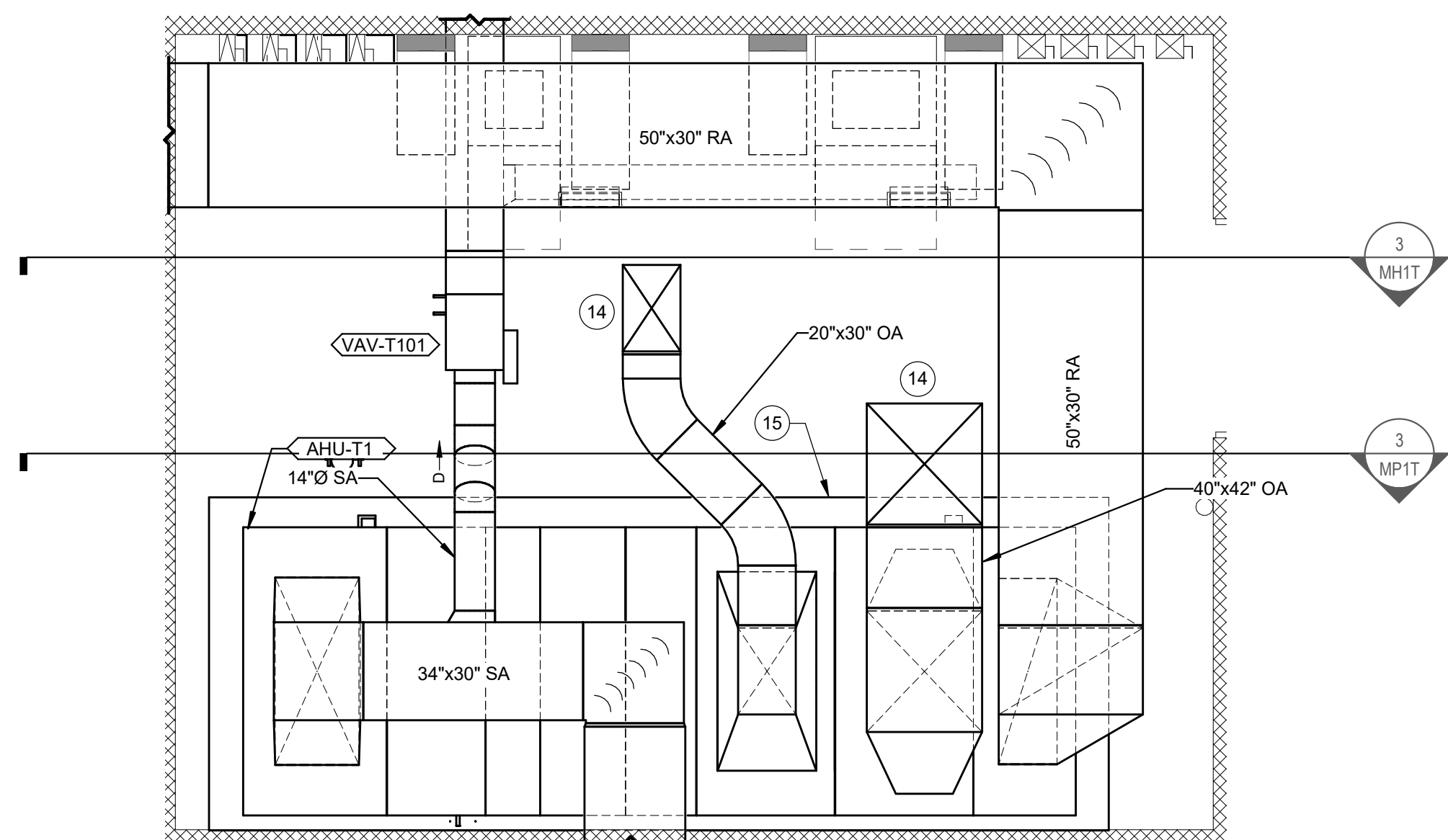
- TCC PROVIDED VFD INSTALLED BY EC.
- EC TO PROVIDE NEMA ENCLOSURE FOR VFD.
- PROVIDE WITH 18" ROOF CURB.
- PROVIDE WITH 6" MOUNTING RAILS.
- PROVIDE WITH INTEGRAL FACE & BYPASS HHW COIL.
- SOME UNIT SPLITS WILL REQUIRE FIELD DISSASSEMBLY AND REASSEMBLY BY CONTRACTOR PER MANUFACTURERS INSTRUCTIONS. MAXIMUM SIZE TO FIT THROUGH 34"x 82" DOOR.
- BLOW OUT STRAINER AFTER CHEMICAL TREATMENT CLEANING HAS BEEN COMPLETED PRIOR TO FILLING WITH GLYCOL.

PACKAGED ROOFTOP UNIT SCHEDULE																													
IDENTITY DATA					DIMENSIONS			SUPPLY FAN DATA							EXHAUST FAN DATA												ELECTRICAL DATA		
MARK	MANUF.	MODEL	LOCATION	AREA SERVED	WEIGHT (LBS)	L	W	H	AIRFLOW (CFM)	ESP/TSP (IN-WG)	RPM	QTY	HP	BHP	AIRFLOW (CFM)	ESP/TSP (IN-WG)	RPM	QTY	HP	BHP	MIN OA (CFM)								
RTU-U1	TRANE	SFHM704P	ROOF	UNIT U	12,670	395"	119"	88"	22,100	2/4.27	-	1	40.0	32.3	20,000	0.5/-	555	1	15.0	6.3	14,800	PACKAGED	460/3/60	205.0	250				
RTU-U2	TRANE	SFHM704P	ROOF	UNIT U	12,670	395"	119"	88"	22,100	2/4.27	-	1	40.0	32.3	20,000	0.5/-	555	1	15.0	6.3	14,800	PACKAGED	460/3/60	205.0	250				
RTU-U3	TRANE	SFHM704P	ROOF	UNIT U	12,670	395"	119"	88"	22,100	2/4.27	-	1	40.0	32.3	20,000	0.5/-	555	1	15.0	6.3	14,800	PACKAGED	460/3/60	205.0	250				
RTU-U4	TRANE	SFHM704P	ROOF	UNIT U	12,670	395"	119"	88"	22,100	2/4.27	-	1	40.0	32.3	20,000	0.5/-	555	1	15.0	6.3	14,800	PACKAGED	460/3/60	205.0	250				
RTU-U5	TRANE	N360	ROOF	UNIT U	5,546	197"	93"	93"	8,000	2.5/3.56	2,134	1	10.0	7.2	8,000	-	-	-	-	-	1,500	PACKAGED	460/3/60	112.0	125				
RTU-U6	TRANE	N360	ROOF	UNIT U	5,546	197"	93"	93"	8,000	2.5/3.56	2,134	1	10.0	7.2	8,000	-	-	-	-	-	1,500	PACKAGED	460/3/60	112.0	125				
ERV-U1	TRANE	D025	ROOF	UNIT U	4,529	183"	95"	66"	5,350	2/4.0	1,603	1	7.5	5.7	5,350	1.5/2.7	1,678	1	5.0	3.5	5,350	PACKAGED	460/3/60	68.0	80				

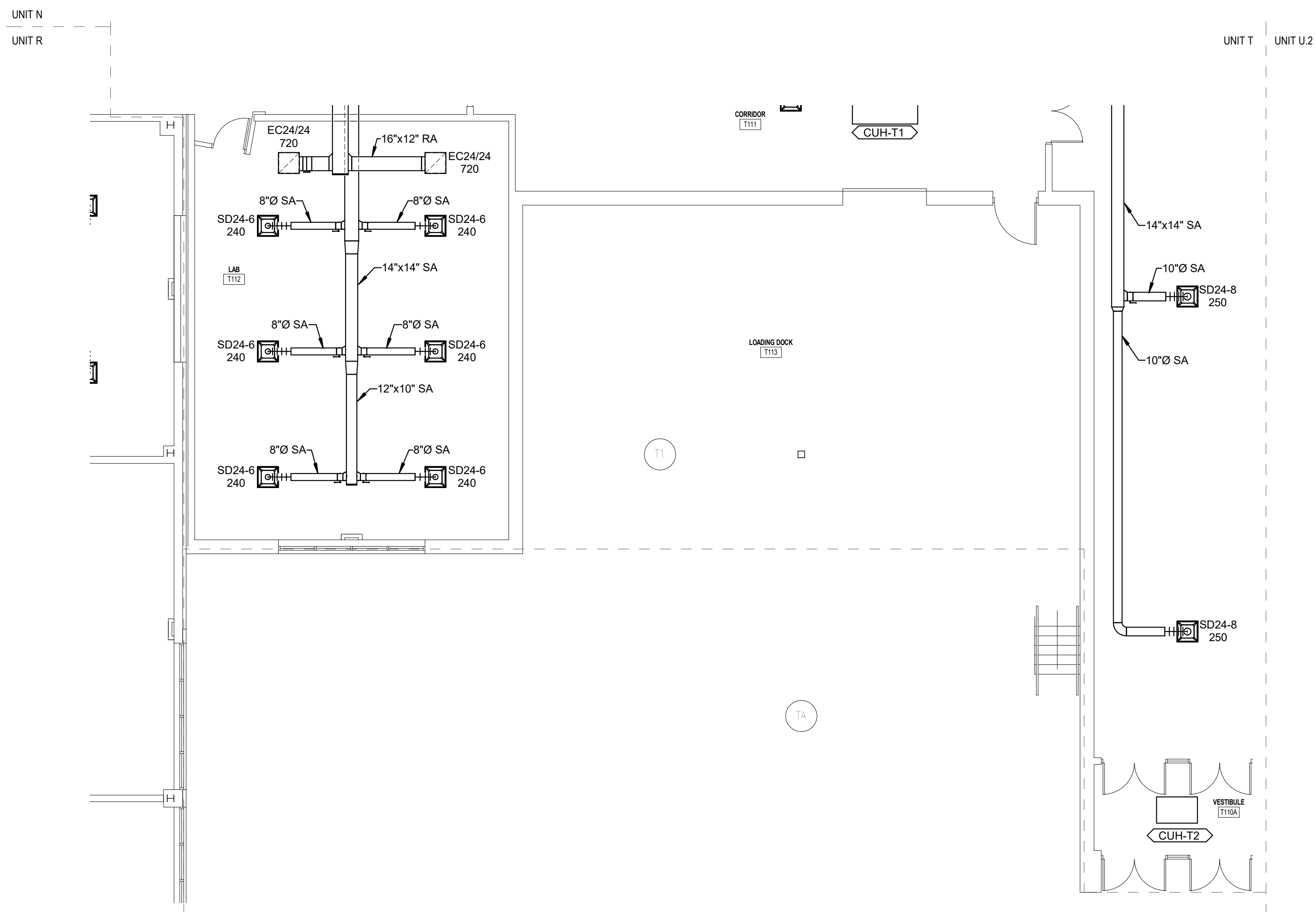
#	Revision	Date
4	ADDENDUM #4	06.24.2024



3 AHU-T1 ELEVATION
1/4" = 1'-0"



4 ENLARGED MECHANICAL ROOM - UNIT T
1/4" = 1'-0"



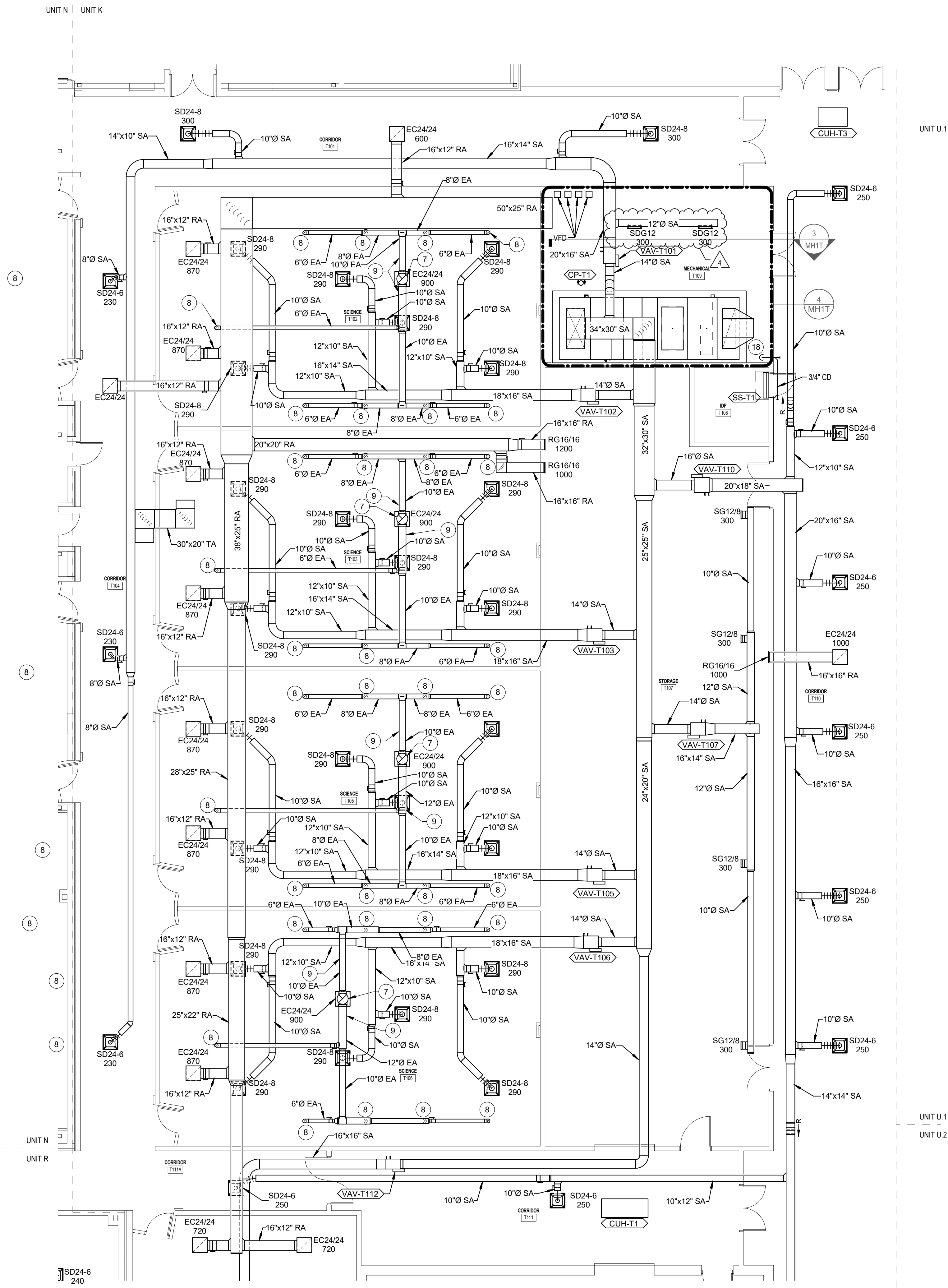
2 FIRST FLOOR HVAC PLAN - UNIT T SOUTH
1/8" = 1'-0"

MECHANICAL GENERAL NOTES

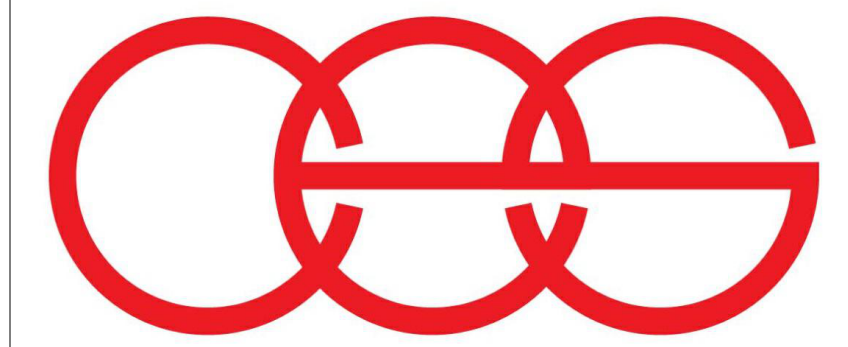
- DARK LINES INDICATE NEW WORK.
- LIGHT SOLID LINES INDICATE EXISTING MECHANICAL EQUIPMENT, DUCTWORK, PIPING AND/OR MECHANICAL ACCESSORIES TO REMAIN AS-IS. CONTRACTOR TO FIELD VERIFY ACTUAL EXISTING CONDITIONS PRIOR TO BIDDING.
- MARK ALL LOCATIONS OF MECHANICAL EQUIPMENT ABOVE CEILING WITH ENGRAVED PLASTIC TAGS ON CEILING GRID BELOW.
- RETURN AIR VALUES FOR AHU-11 TO BE DETERMINED DURING SYSTEM BALANCING BY TEST AND BALANCE CONTRACTOR AND TCC TO ACHIEVE DESIGN SEQUENCE OF OPERATION.
- ALL EXHAUST DUCT IN LABORATORIES THAT INCLUDE FUME EXTRACTION EXHAUST ARMS SHALL BE PVC LINED. SEE SPECIFICATIONS FOR MORE DETAILS.
- ALL SUPPLY DUCTS TO A SINGLE GRILLE OR DIFFUSER SHALL HAVE A BALANCING DAMPER INSTALLED.

MECHANICAL HVAC PLAN NOTES

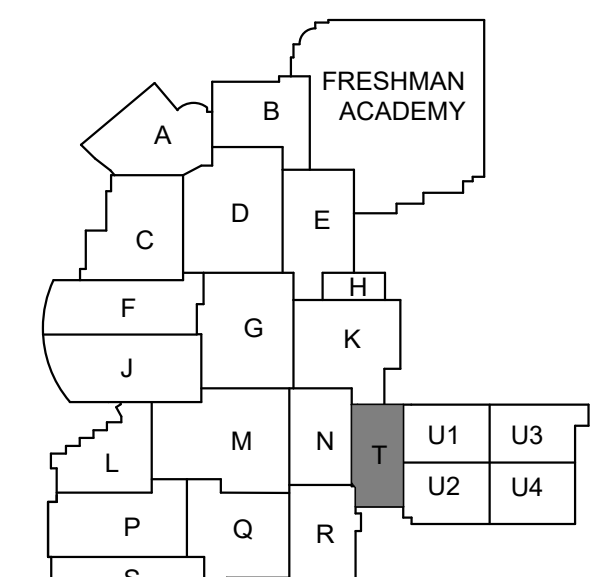
- ROUTE DUCT TIGHT TO STRUCTURE.
- PROVIDE MOTORIZED DAMPER IN EXISTING RELIEF DUCT. REFER TO M700 SERIES DRAWINGS FOR DETAILS.
- 12"x12" EXHAUST DUCT UP TO NEW EXHAUST FAN ON ROOF.
- 10"x6" EXHAUST DUCT UP TO NEW EXHAUST FAN ON ROOF.
- CAP EXISTING DUCT.
- TRANSITION SUPPLY AND RETURN DUCTWORK TO AHU ABOVE ON ROOF AS REQUIRED.
- 20"x0" EXHAUST UP TO EXHAUST FAN ON ROOF.
- 6" EXHAUST DROP TO EXTRACTOR ARM (E.A.). INSTALL DAMPER AT EACH DROP LOCATION FOR BALANCING. BALANCE EXTRACTION ARM DROP TO 100 CFM. FOLLOW ALL MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION AT CEILING. COORDINATE EXACT LOCATION WITH ARCHITECT, LIGHTS AND ALL OTHER DISCIPLINES. SEE DETAIL 7 ON M503 & MISCELLANEOUS EQUIPMENT SCHEDULE ON M604.
- ENTIRE EXHAUST RUN TO BE PVC COATED UP TO EXHAUST FAN ON ROOF. SEE METAL DUCT SPEC 233113 SECT 2.6 FOR FURTHER DETAILS.
- 4"x0" FLUE UP THRU ROOF.
- UP TO AHU IN MEZZANINE ABOVE.
- EXISTING RETURN DUCT TO REMAIN. FIELD VERIFY RETURN DUCT PATH EXISTS. IF DUCT DOES NOT EXIST, INSTALL NEW DUCT AND FIRE DAMPERS AS SHOWN.
- EXTEND EXISTING HOUSEKEEPING PAD AS REQUIRED.
- UP TO HOOD ON ROOF.
- HOUSEKEEPING PAD.
- RELIEF DUCT UP TO RELIEF HOOD ON ROOF. PROVIDE WITH MOTORIZED DAMPER. SEE M700 SERIES DRAWINGS FOR DETAILS.
- RETURN DUCT UP THROUGH EXISTING CUTOFF IN MEZZANINE FLOOR ABOVE.
- 3/4" CONDENSATE DROP AIR GAP TO FLOOR DRAIN.
- PAINT GRIP FINISH, COLOR BY ARCHITECT IN THIS ROOM.
- SUPPLY AND RETURN DROP TO ABOVE LOBBY CEILING BELOW.
- SUPPLY AND RETURN DOWN TO FLOOR BELOW.
- 8"x0" EXHAUST UP TO EXHAUST FAN ON ROOF.
- INSTALL WITH GRILLE ONLY. NO PLENUM. TO BE USED AS RETURN GRILLE.
- 4"x0" GA UP THRU ROOF.



1 FIRST FLOOR HVAC PLAN - UNIT T NORTH
1/8" = 1'-0"



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KEY PLAN

NORTH

VPS ARCHITECTURE

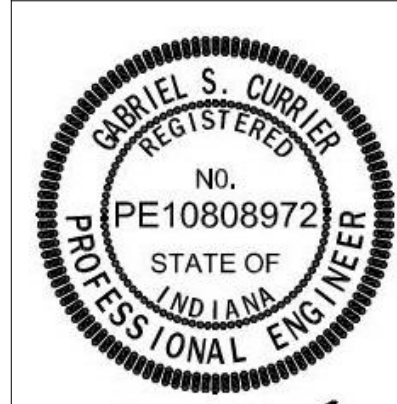
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ADDITION & RENOVATIONS TO:
**FRANKLIN CENTRAL HIGH SCHOOL
PHASE 2B**
FRANKLIN TOWNSHIP COMMUNITY SCHOOL CORPORATION
INDIANAPOLIS, INDIANA

Drawing Title:

**FIRST FLOOR HVAC PLAN -
UNIT T**



Project No: 2022063.10

Project Date:
May 29, 2024

Drawing No:

MH1T