

Addendum No. 2
March 13, 2025

Project: Brandon Valley Middle School Addition
Brandon, South Dakota
Project #3090

Architect: Architecture Incorporated

Letting: **2:00 p.m. (prevailing local time)**
Thursday, March 20, 2025
Brandon Valley School District Administration Center Conference Room
300 South Splitrock Boulevard
Brandon, South Dakota

Scope of this Addendum:

To all bidders and all others to whom drawings and specifications have been issued by Architecture Incorporated, this Addendum forms a part of the Contract Documents. Acknowledge receipt of this addendum by listing its number and date in the bidder's Form of Proposal. Failure to do so may subject bidder to disqualification. This addendum modifies the drawings and specifications as follows:

GENERAL ITEMS:

- 1) SECTION 114000 - FOOD SERVICE EQUIPMENT
 - a) Food Service Equipment Item #54 - Kolpak Walk - In - Cooler/Freezer combination needs to ship by 12-31-2025 in order to maintain current refrigeration specifications. The space shall be ready on or before 12-31-2025.
- 2) SHEET 2.30 – OVERALL ARCHITECTURAL SITE PLAN
 - a) DATE CLARIFICATION: The date on site plan note shall be changed to read “Contractor to provide owner access to kitchen for food deliveries and garbage pickup from August 15, 2025 to January 1, 2026”, (original note says from August 15, 2025 to June 1, 2025).
- 3) SHEET 2.50 – UTILITY PLAN
 - a) The pond outlet structure (Keynote #8) rim elevation has been revised from elevation 1362.50 to 1363.70 as indicated in *revised* Sheet 2.50, *revision* dated 3-13-2025, attached to the end of this addendum.
- 4) SHEET 2.70 – GRADING PLAN
 - a) The northeast corner of the proposed BMP/Detention facility has been expanded up and around the new parking as indicated in *revised* Sheet 2.70, *revision* dated 3-13-2025, attached to the end of this addendum.
- 5) SHEET 4.10D – FLOOR PLAN – AREA D
 - a) CLARIFICATION: The instructor station in Science Room D121 shall be same as instructor station in Science Room B126.
 - i) Reference casework elevations 8/7.10 and 9/7.10 shown on original drawing Sheet 7.10 for instructor station elevations in Science Room D121.
- 6) SHEET 4.30 – DOOR SCHEDULE & DOOR DETAILS
 - a) CLARIFICATION – Head Detail 10/4.30:

- i) 3 5/8" deep vertical z-girt note shall be changed to 4" deep vertical z-girt.
 - ii) Vapor permeable air and water resistive membrane shall be applied to exterior glass mat sheathing as shown in revised detail 10/4.30.
 - iii) Reference revised Sheet 4.30, revision dated 3-13-2025, attached to the end of this addendum.
- b) CLARIFICATION – Door Schedule:
- i) The frame type of Door #A113 shall be changed to Type 4 as shown in revised Sheet 4.30, dated 3-13-2025 attached to the end of this addendum.
- c) CLARIFICATION: The wall above storm rated doors B132 and D145 and the borrowed lites adjacent to storm doors shall be a CMU wall extended to the bottom of hollow core floor above in lieu of steel stud wall shown in detail 1/4.31.

MECHANICAL ITEMS:

1) SECTION – 230800 – VENTILATION AND AIR CONDITIONING

- a) Modification to Section 230800-1.04 Rooftop Air Conditioning Units (2-15 Ton Size) and 1.05 Rooftop Air Conditioning Units (25+ Ton Size):
- i) Unit shall have field installed controls by the BAS contractor. Supervisory controls for the refrigeration components of the RTUs are allowed.
 - ii) Compressors shall have a limited warranty for a full five years. All other components shall have a full warranty for one year.

2) SECTION – 230900 – Automatic Temperature Control/Building Automation System

- a) Modification to Section 230900-1.20 Warranty:
- i) Controls contractor shall monitor each AHU's integral refrigerant leak detection system. Upon detection of a refrigerant leak, the system shall close the outside air damper and open the return air damper. The RTU fan shall be commanded to the scheduled CFM for each RTU. VAV terminal boxes shall open on VAV systems. Compressors shall be commanded off. Provide an alarm at the operator's workstation.

3) SHEET 8.23 – FIRST FLOOR DEMO PLAN – AREA B & D VENTILATION & AC

- a) CLARIFICATION: The existing louvers shown in dashed lines at the east walls of STORAGE 163 and STORAGE 241 shall be removed by the mechanical contractor; refer to Architectural floor plans for room names and room numbers.
- i) Reference ADDENDUM #1 for in-filling wall opening where these existing louvers are removed.

4) SHEET 8.60 - SCHEDULES

- a) The Note #8 in the original drawing shall be modified to read "RTU-1 shall match existing supply and return air openings as close as possible and utilize existing curb". Provide a custom curb adapter as required to make connections.

ELECTRICAL ITEMS:

- 1) SHEET 9.11 – SITE PLAN – ELECTRICAL
 - a) Add 3 at each Type AA Pole light fixtures to indicate Type 3 distribution as indicated in *revised* Sheet 9.11, *revision* dated 3-13-2025, attached to the end of this addendum.

- 2) SHEET 9.21 – FIRST FLOOR DEMOLITION PLAN – AREA A1 & A2 ELECTRICAL
 - a) Remove electrical note Tag #3 near floor boxes in COMMONS 121 in two locations as indicated in *revised* Sheet 9.21, *revision* dated 3-13-2025, attached to the end of this addendum; floor boxes are to remain.

- 3) SHEET 9.30-A1 – FLOOR PLAN – AREA A1 – ELECTRICAL
 - a) Reference *revised* Sheet 9.30-A1, revision dated 3-13-2025, attached to the end of this addendum for following modifications:
 - i) Change (3) Type Y3 fixtures to Type Y2 on building exterior.
 - ii) Add homerun circuit to Panel L12/12 from 3 receptacles on north wall.

- 4) SHEET 9.30-A2 – FLOOR PLAN – AREA A2 – ELECTRICAL
 - a) Reference *revised* Sheet 9.30-A2, revision dated 3-13-2025, attached to the end of this addendum for following modifications:
 - i) Add electrical note #5 which reads “TO PANEL H9 (GENERAL ELECTRIC). PROVIDE NEW 20A/1P CIRCUIT BREAKER.”. Connect new lights in Corridor A116, Office A113 and Toilet A117 to new homerun circuit with electrical note tag #5.
 - ii) Remove raceway shown between new Type A fixtures in Prep A112 and Corridor A116. Connect Type A fixtures in Prep A112 to existing light fixtures in Prep A110B for power & switching.
 - iii) Change Exit light in Gym, Corridor A116 and near Vestibule A111 to type E.
 - iv) Change (1) Type Y3 fixture to Type Y2 on building exterior.
 - v) Change (1) Type P fixture outside of vestibule A111 to Type HC fixture.
 - vi) Change (1) Type A fixture in Toilet A117 to Type AE.

- 5) SHEET 9.30-B – FLOOR PLAN – AREA B – ELECTRICAL
 - a) Reference *revised* Sheet 9.30-B, revision dated 3-13-2025, attached to the end of this addendum for following modifications:
 - i) Change Exit light in POD B131 to type E.
 - ii) Add Type E exit light on west end of Hall B120.
 - iii) Change (2) Type Y3 fixtures to Type Y2 on building exterior.

6) SHEET 9.30-D – FLOOR PLAN – AREA D - ELECTRICAL

- a) Reference *revised* Sheet 9.30-D, revision dated 3-13-2025, attached to the end of this addendum for following modifications:
- i) Change Exit light in POD D146 to Type E.
 - ii) Add Type E exit light on west end of Hall B135.
 - iii) Add exterior photocell north of Janitor D142 for new parking lot light control.
 - iv) Add light switch in Janitor D142.
 - v) Change light switch to Occupancy Sensor type in Toilet D150.
 - vi) Change (2) Type Y3 fixtures to Type Y2 on building exterior.

7) SHEET 9.40 – ENLARGED FLOOR PLANS – ELECTRICAL

- a) Reference *revised* Sheet 9.40, *revision* dated 3-13-2025, attached to the end of this addendum for following modifications:
- i) In reference to Servery A110, Remove the Cord Drops, homerun circuits and electrical notes associated with equipment #34 and #36 shown in the original schedule; there are no electrical connections required for these units.
 - ii) In reference to Commons 121, Remove the receptacle, homerun circuit and electrical notes associated with equipment #40 shown in the original schedule; there is no electrical connection required for this unit.
 - iii) In reference to mechanical schedule, remove electrical connection requirements from Item # 34, 36 and 40.
 - iv) In reference to note #2, update to read as follows: “To Panel LK (General Electric AQ, 10Kaic), connect to circuit made spare from demo of floor boxes. Provide new GFI circuit breaker unless otherwise noted.”.
 - v) In reference to note #10, update to read as follows: “To Panel L9 (General Electric AQ, 10Kaic), connect to spare circuit. Provide new GFI circuit breaker unless otherwise noted.”.
 - vi) See *revised* electrical drawing Sheet 9.40 for updates to new circuit breakers in the Food Service area.

8) SHEET 9.52 – ELECTRICAL SCHEDULES

- a) Reference *revised* Sheet 9.52, *revision* dated 3-13-2025, attached to the end of this addendum for following modifications:
- i) In reference to Panel H8, Provide (1) additional 20A/1P Circuit Breaker for parking lot light circuit.
 - ii) In reference to Panel L12, update circuit 12 load description from “SPARE” to “RCPT MULTIPURP A107”.

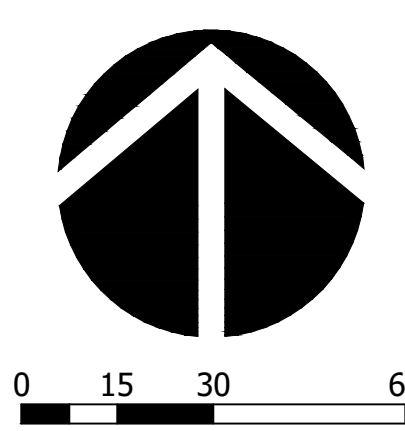
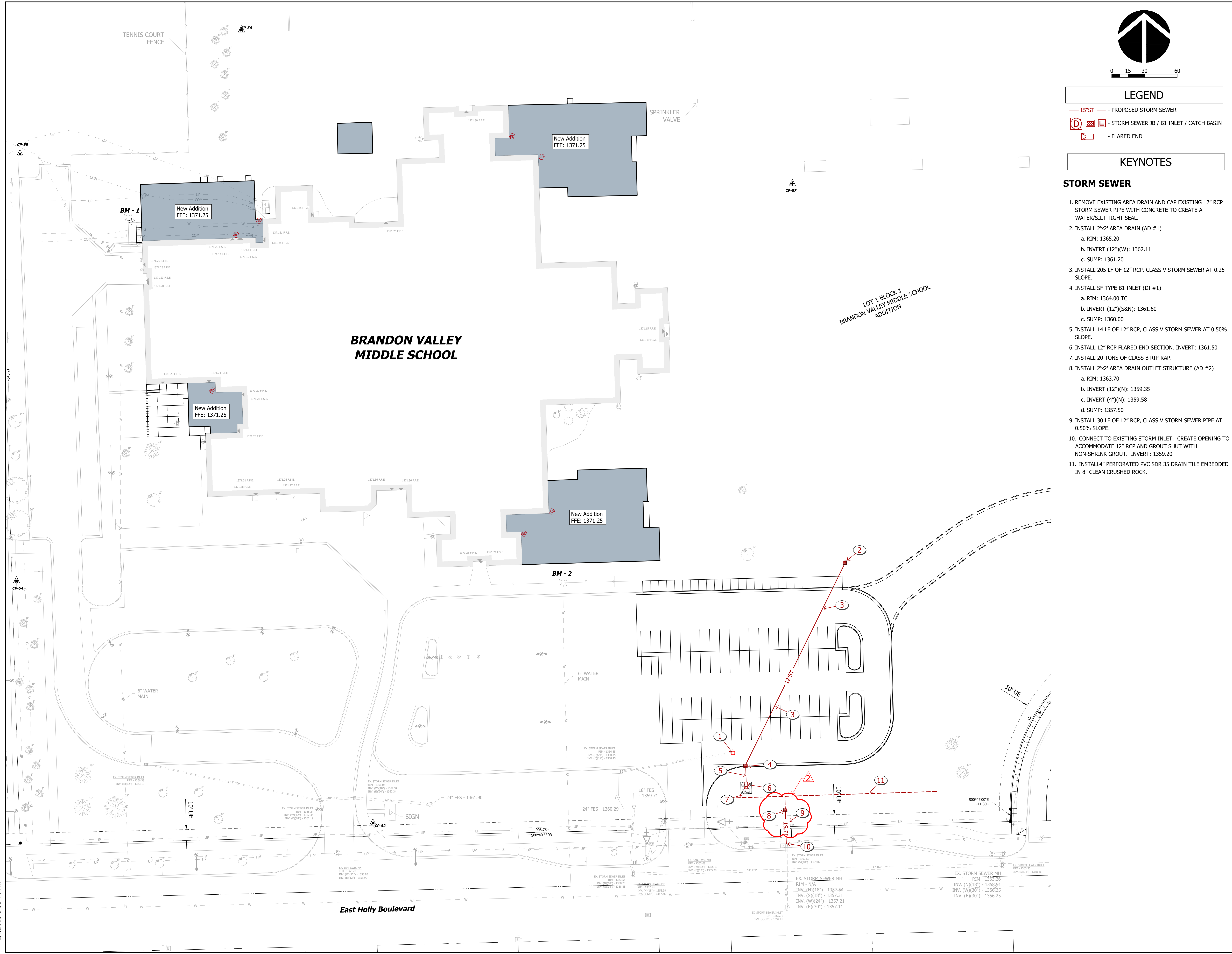
GENERAL APPROVALS:

The following material or equipment furnished by the manufacturers listed, may be substituted as equivalent providing that each item, material, and piece of equipment conforms to the design and requirement of the specifications.

<u>SECTION</u>	<u>ITEM</u>	<u>MANUFACTURER</u>
220400	Cleanouts, Floor Drains, Floor Sinks, Roof Drains, Downspout Nozzles	Watts Drainage Products

220600	In-Line Circulating Pumps	Grundfos
220600	Base Mounted Circulating Pumps	Grundfos
220600	Automatic Flow Control Valves	Hydronic Components Inc
230800	Ductless Split Systems	Samsung, Hitachi
230800	Exhaust/Relief Air Hood	ACME
230800	Power Roof Ventilators & Fans	ACME
230800	Rooftop Units	Tempmaster, Greenheck
265119	LED Lighting	
	Type D/DE	Lithonia
	Type E/E1	Lithonia
	Type E2	Sure-Lites, Lithonia
	Type E3, E4, & E5	Beghelli
	Type E6	Beghelli, Lithonia
	Type HC	USAI Lighting
	Type J/JE	Corelight
	Type M/ME	Metalux
	Type V/VE	Metalux
	Type Y/Y1/Y2	McGraw Edison
	Type AA	Lumark
	Type AA Pole	ULS

END OF ADDENDUM No. 2

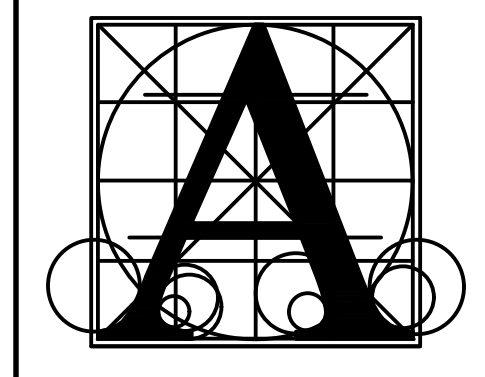


LEGEND

- 15' ST — PROPOSED STORM SEWER
- D — STORM SEWER JB / B1 INLET / CATCH BASIN
- FLARED END

KEYNOTES

- STORM SEWER**
1. REMOVE EXISTING AREA DRAIN AND CAP EXISTING 12" RCP STORM SEWER PIPE WITH CONCRETE TO CREATE A WATER/SILT TIGHT SEAL.
 2. INSTALL 2'x2' AREA DRAIN (AD #1)
 - a. RIM: 1365.20
 - b. INVERT (12")(W): 1362.11
 - c. SUMP: 1361.20
 3. INSTALL 205 LF OF 12" RCP, CLASS V STORM SEWER AT 0.25% SLOPE.
 4. INSTALL SF TYPE B1 INLET (DI #1)
 - a. RIM: 1364.00 TC
 - b. INVERT (12")(S&N): 1361.60
 - c. SUMP: 1360.00
 5. INSTALL 14 LF OF 12" RCP, CLASS V STORM SEWER AT 0.50% SLOPE.
 6. INSTALL 12" RCP FLARED END SECTION. INVERT: 1361.50
 7. INSTALL 20 TONS OF CLASS B RIP-RAP.
 8. INSTALL 2'x2' AREA DRAIN OUTLET STRUCTURE (AD #2)
 - a. RIM: 1363.70
 - b. INVERT (12")(N): 1359.35
 - c. INVERT (4")(N): 1359.58
 - d. SUMP: 1357.50
 9. INSTALL 30 LF OF 12" RCP, CLASS V STORM SEWER PIPE AT 0.50% SLOPE.
 10. CONNECT TO EXISTING STORM INLET. CREATE OPENING TO ACCOMMODATE 12" RCP AND GROUT SHUT WITH NON-SHRINK GROUT. INVERT: 1359.20
 11. INSTALL 4" PERFORATED PVC SDR 35 DRAIN TILE EMBEDDED IN 8" CLEAN CRUSHED ROCK.



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BRANDON VALLEY MIDDLE SCHOOL ADDITION

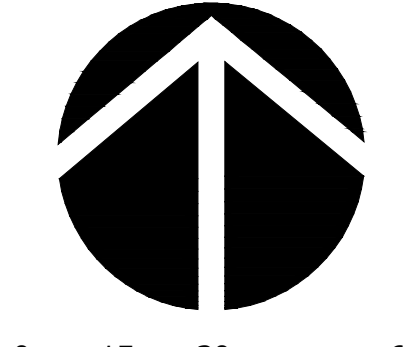
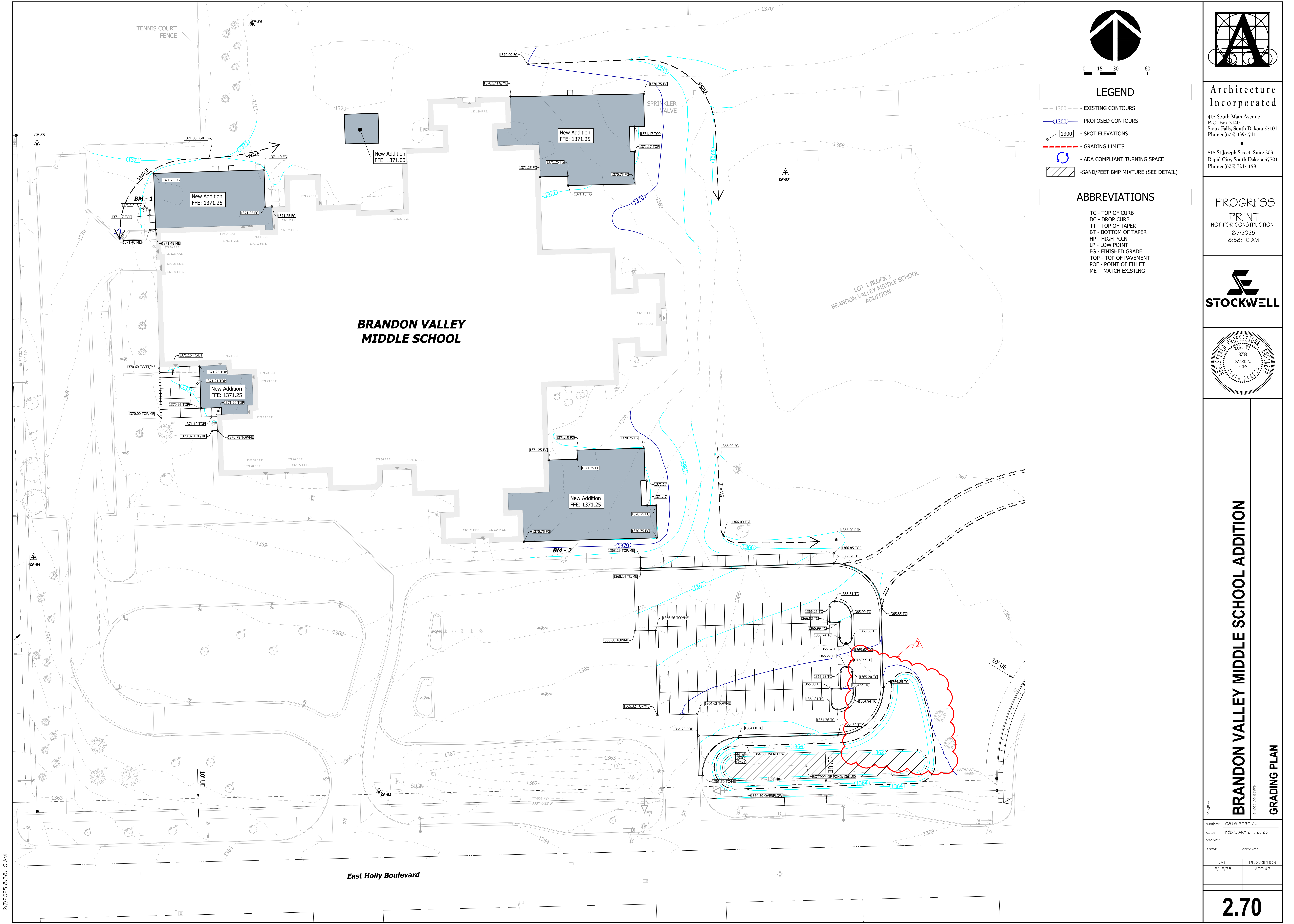
UTILITY PLAN

number	0819.3090.24
date	FEBRUARY 21, 2025
revision	
drawn	checked

DATE	DESCRIPTION
3/13/25	ADD #2

2.50

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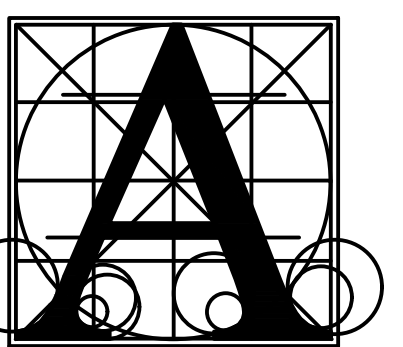
0 15 30 60

LEGEND

- - - 1300 - EXISTING CONTOURS
- 1300 — PROPOSED CONTOURS
- 1300 ○ - SPOT ELEVATIONS
- - - GRADING LIMITS
- ⤵ ADA COMPLIANT TURNING SPACE
- ▨ SAND/PEET BMP MIXTURE (SEE DETAIL)

ABBREVIATIONS

- TC - TOP OF CURB
- DC - DROP CURB
- TT - TOP OF TAPER
- BT - BOTTOM OF TAPER
- HP - HIGH POINT
- LP - LOW POINT
- FG - FINISHED GRADE
- TOP - TOP OF PAVEMENT
- POF - POINT OF FILLET
- ME - MATCH EXISTING



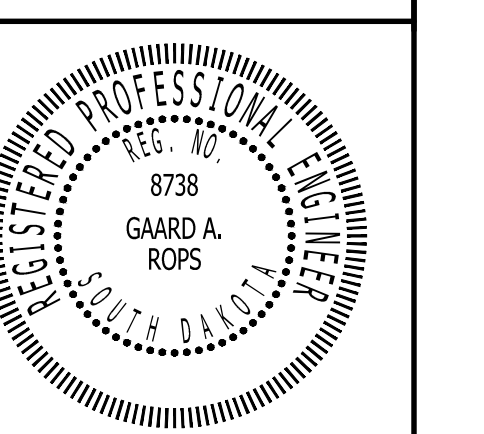
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PROGRESS

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BRANDON VALLEY MIDDLE SCHOOL ADDITION

GRADING PLAN

Project: 0819.3090.24
date: FEBRUARY 21, 2025
revision: _____
drawn: _____
checked: _____

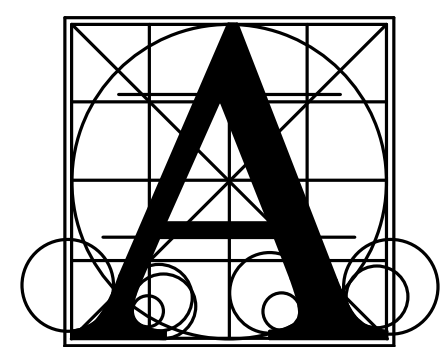
DATE	DESCRIPTION
3/13/25	ADD #2

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GENERAL NOTE - DOOR SCHEDULE

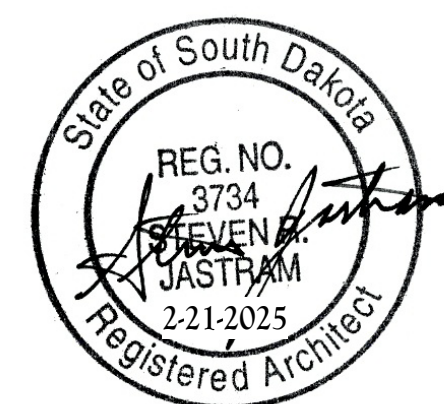
A. PAINT ALL HM FRAMES (BOTH SIDES) WHERE ROOMS ARE NOTED TO BE PAINTED.



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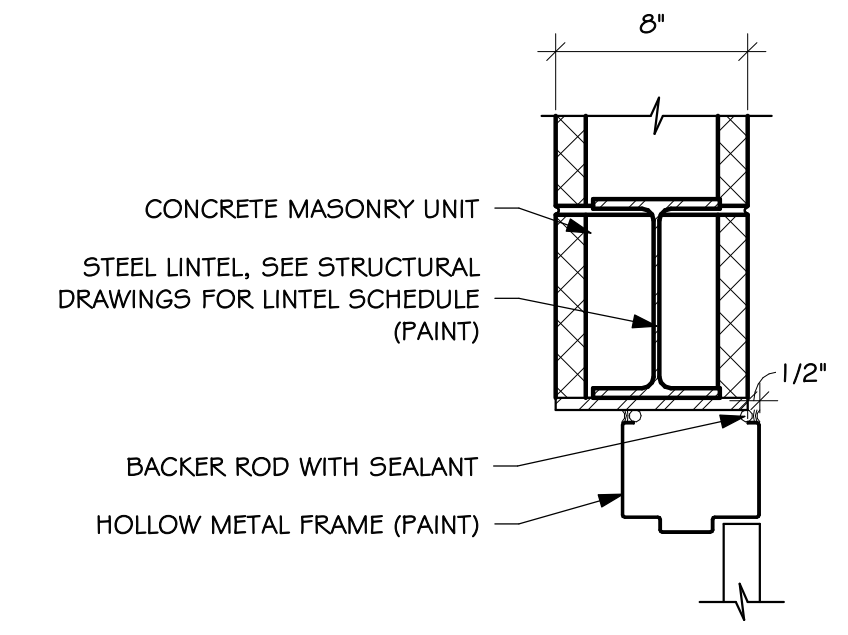
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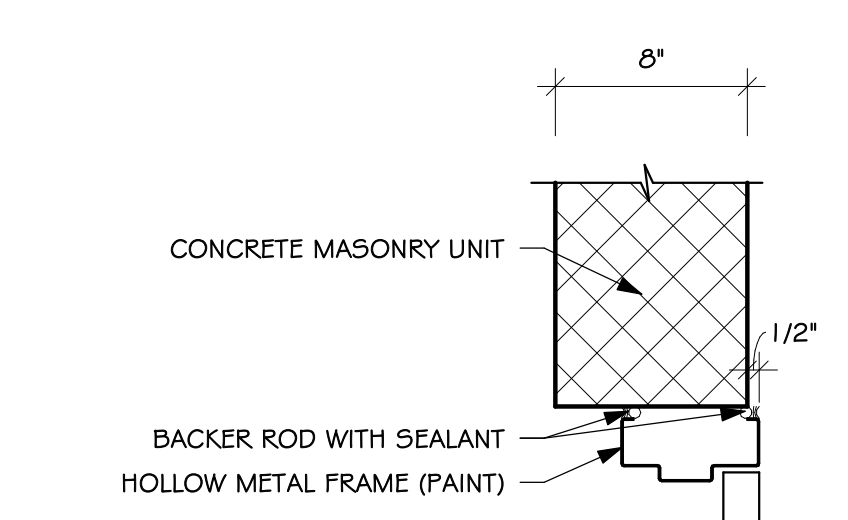
DOOR SCHEDULE - AREA A1 AND A2																	
MARK	DOOR					FRAME								HARDWARE GROUP	ADDITIONAL NOTES		
	WIDTH	HEIGHT	TYPE	MATL.	FINISH	FIRE	GLASS	TRANSOM GLASS	SIDELITE GLASS	TYPE	MATL.	HEAD DETAIL	JAMB DETAIL			JAMB DEPTH	
A100-1	6'-0"	7'-0"	A	INSL HM	PAINT	---	---	---	---	---	6	HM	1/4.31	1/4.31	5 3/4"	1	
A101	3'-0"	7'-0"	A	INSL HM	PAINT	---	---	1" INSL	---	---	7	HM	1/4.30	1/4.30, 6/4.31	5 3/4"	2	CARD READER, ELECTRIC STRIKE
A106A	3'-0"	7'-0"	A	INSL HM	PAINT	---	---	1" INSL	---	---	7	HM	1/4.30	1/4.30	5 3/4"	2	CARD READER, ELECTRIC STRIKE
A106B	3'-0"	7'-0"	A	INSL HM	PAINT	---	---	1" INSL	---	---	7	HM	1/4.30	1/4.30	5 3/4"	2	CARD READER, ELECTRIC STRIKE
A107-1	6'-0"	7'-0"	CC	SCWOOD	STAIN	---	---	1/4" SFTY	---	---	6	HM	6/4.31	7/4.31, 1/4.31	5 3/4"	3	
A107-2	3'-0"	7'-0"	A	INSL HM	PAINT	---	---	1" INSL	---	---	7	HM	1/4.30	1/4.30	5 3/4"	2	CARD READER, ELECTRIC STRIKE
A107-3	6'-0"	7'-0"	AA	INSL HM	PAINT	---	---	1" INSL	---	---	8	HM	1/4.30	1/4.30	5 3/4"	4	CARD READER, ELECTRIC STRIKE RHR
A107A	6'-0"	7'-0"	AA	HM	PAINT	---	---	---	---	---	6	HM	5/4.30	6/4.30	5 3/4"	5	
A110-1	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	---	2	HM	6/4.30	1/4.31	5 3/4"	6	
A111-1	6'-0"	7'-0"	BB	ALUM	PREPAINT	---	---	EXISTING	1" INSL	1" INSL SFTY	1/5.12	ALUM	7/5.41	7/4.40, 6/4.40	4 1/2"	7	CARD READER, ELECTRIC STRIKE, RELOCATE EXISTING ALUMINUM DOORS AND HARDWARE WITH NEW ELECTRIC REMOVEABLE MULLION, NEW FRAME
A111-2	6'-0"	7'-0"	BB	ALUM	PREPAINT	---	---	EXISTING	1/4" CLEAR	1/4" SFTY	2/5.12	ALUM	1/3/5.12	1/4/5.12	4 1/2"	8	RELOCATE EXISTING DOOR, NEW FRAME
A113	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	---	4	HM	9/4.30	6/4.30, 7/4.30	5 3/4"	9	
A116	3'-0"	7'-0"	A	INSL HM	PAINT	---	---	---	1" INSL	---	7	HM	1/4.30	1/4.30	5 3/4"	10	CARD READER, ELECTRIC STRIKE
A117	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	---	2	HM	6/4.30	6/4.30, 6/4.40	5 3/4"	11	

DOOR SCHEDULE - AREA B																	
MARK	DOOR					FRAME								HARDWARE GROUP	ADDITIONAL NOTES		
	WIDTH	HEIGHT	TYPE	MATL.	FINISH	FIRE	GLASS	TRANSOM GLASS	SIDELITE GLASS	TYPE	MATL.	HEAD DETAIL	JAMB DETAIL			JAMB DEPTH	
B124	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	1/4" SFTY	5	HM	9/4.31	6/4.30, 7/4.30	2 1/4"	12	
B125	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	---	1	HM	1/4.30	2/4.30	5 3/4"	12	
B126	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	1/4" SFTY	3	HM	1/4.31	2/4.31, 4/4.31	5 3/4"	12	
B127	3'-0"	7'-0"	A	INSL HM	PAINT	---	---	---	---	1" INSL	7	HM	1/4.30	1/4.30	5 3/4"	13	
B128	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	---	1	HM	3/4.30	4/4.30	9 3/8"	14	
B129	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	1/4" SFTY	3	HM	1/4.31	2/4.31, 4/4.31	5 3/4"	12	
B130	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	1/4" SFTY	3	HM	1/4.31	2/4.31, 4/4.31	5 3/4"	12	
B131	6'-0"	7'-0"	BB	ALUM	PREPAINT	---	---	1" INSL LAM SFTY	1" INSL	1" INSL LAM SFTY	3/5.12	ALUM	6/5.43	6/4.41, 7/4.41	6"	15	CARD READER, ELECTRIC STRIKE, RHR
B132	3'-0"	7'-0"	A	HM	PAINT	---	---	---	---	---	2	HM	1/4.31	3/4.31, 5/4.31	5 3/4"	12	STORM DOOR
B133	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	1/4" SFTY	4	HM	1/4.31	3/4.31, 4/4.31	5 3/4"	12	
B135	3'-0"	7'-0"	A	HM	PAINT	---	---	---	---	---	1	HM	1/4.30	2/4.30	5 3/4"	14	

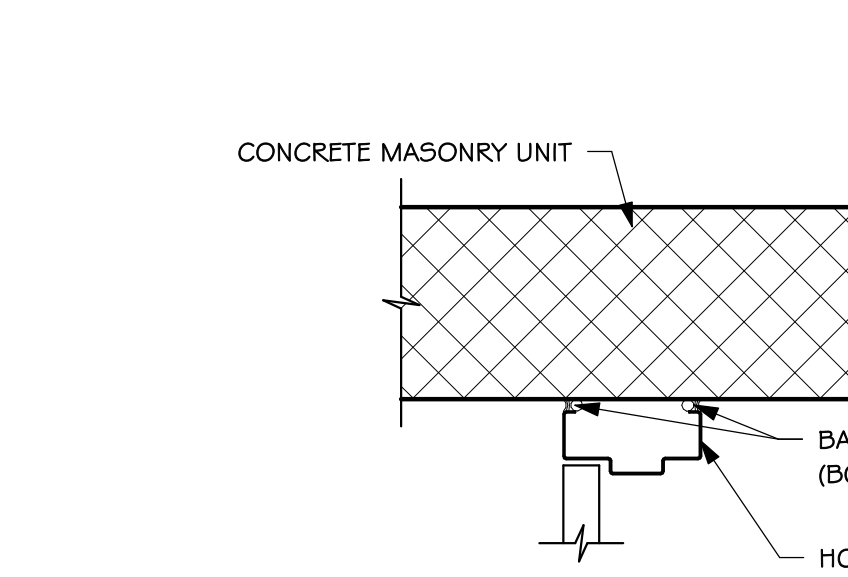
DOOR SCHEDULE - AREA D																	
MARK	DOOR					FRAME								HARDWARE GROUP	ADDITIONAL NOTES		
	WIDTH	HEIGHT	TYPE	MATL.	FINISH	FIRE	GLASS	TRANSOM GLASS	SIDELITE GLASS	TYPE	MATL.	HEAD DETAIL	JAMB DETAIL			JAMB DEPTH	
D142	3'-0"	7'-0"	A	HM	PAINT	---	---	---	---	---	1	HM	1/4.30	2/4.30	5 3/4"	14	
D144	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	1/4" SFTY	---	1/4" SFTY	4	HM	1/4.31	3/4.31, 4/4.31	5 3/4"	12	
D145	3'-0"	7'-0"	A	HM	PAINT	---	---	---	---	---	2	HM	1/4.31	3/4.31, 5/4.31	5 3/4"	12	STORM DOOR
D146	6'-0"	7'-0"	BB	ALUM	PREPAINT	---	---	1" INSL LAM SFTY	1" INSL	1" INSL LAM SFTY	3/5.12	ALUM	6/5.43	6/4.41, 7/4.41	6"	15	CARD READER, ELECTRIC STRIKE, RHR
D147	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	1/4" SFTY	3	HM	1/4.31	2/4.31, 4/4.31	5 3/4"	12	
D148	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	1/4" SFTY	3	HM	1/4.31	2/4.31, 4/4.31	5 3/4"	12	
D149	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	---	3	HM	3/4.30	4/4.30	9 3/8"	14	
D150	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	---	2	HM	5/4.30	6/4.30	5 3/4"	11	
D151	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	1/4" SFTY	3	HM	1/4.31	2/4.31, 4/4.31	5 3/4"	12	
D152	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	---	1	HM	1/4.30	2/4.30	5 3/4"	12	
D153	3'-0"	7'-0"	A	SCWOOD	STAIN	---	---	---	---	1/4" SFTY	5	HM	9/4.31	6/4.30, 7/4.30	8 1/4"	12	



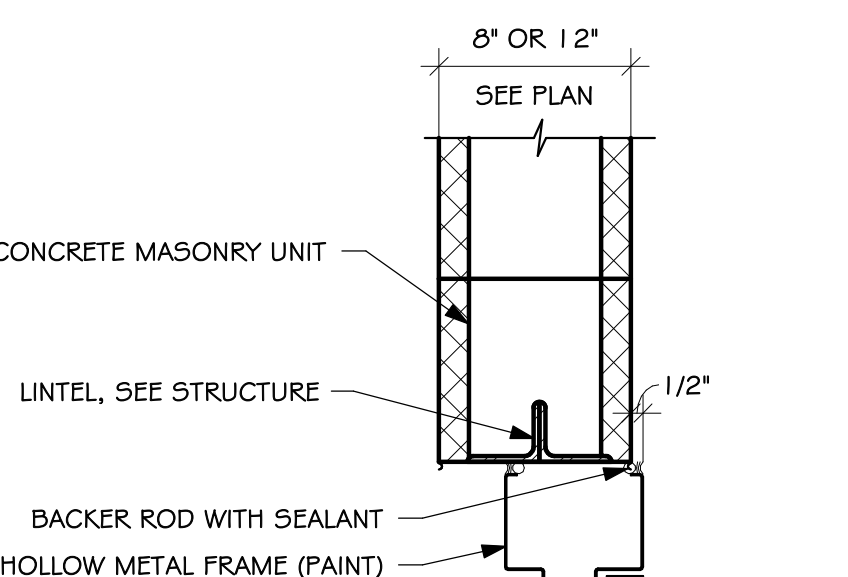
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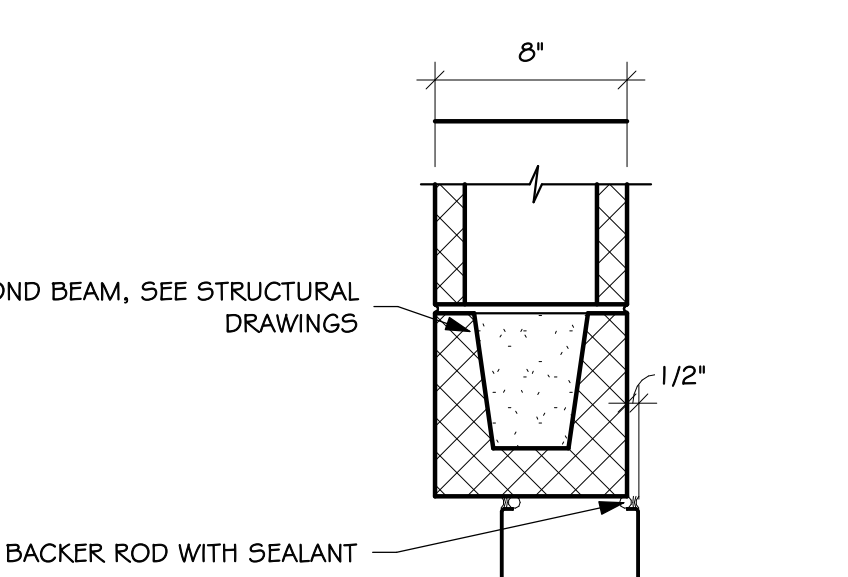
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7 JAMB DETAIL
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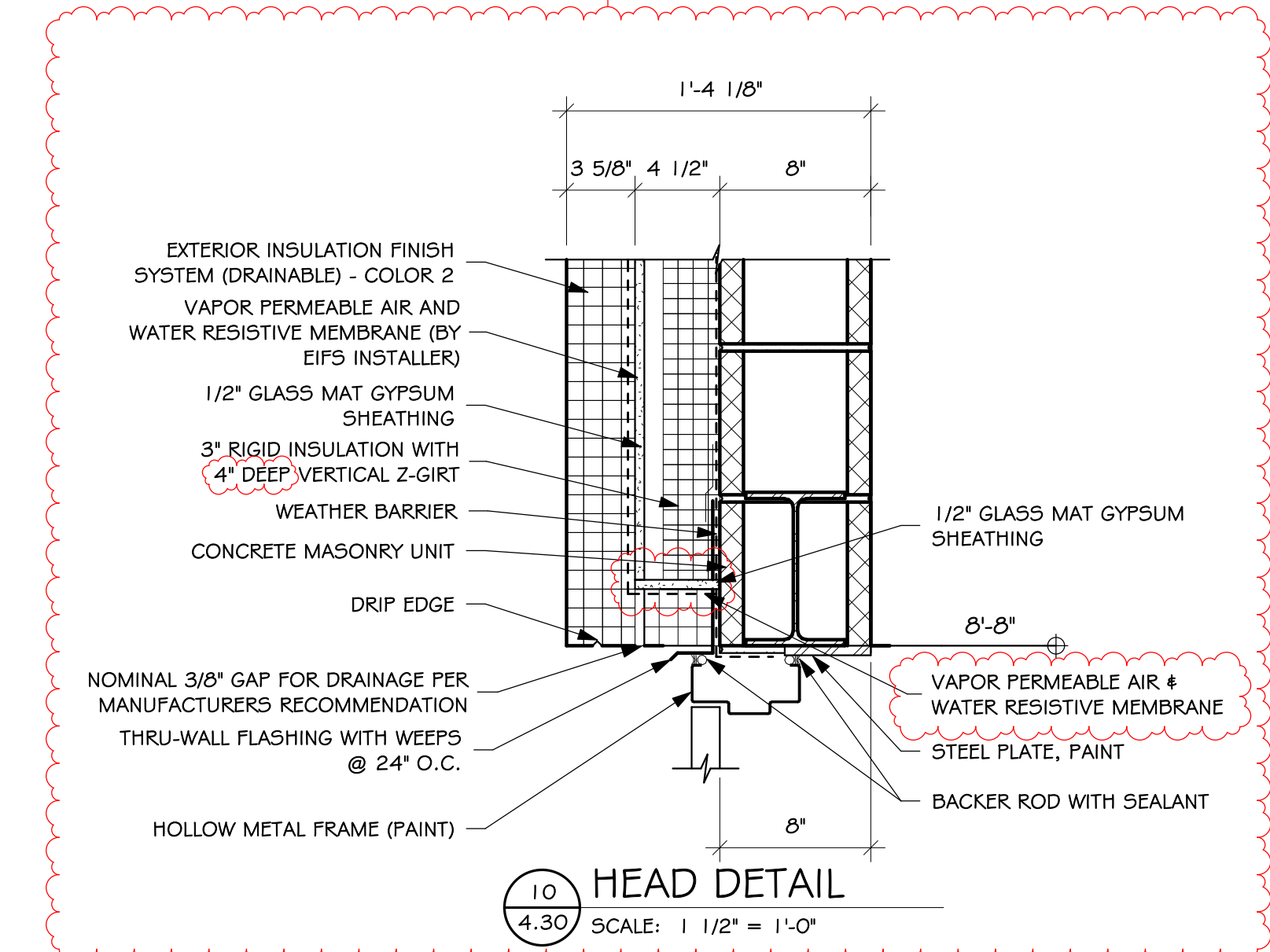
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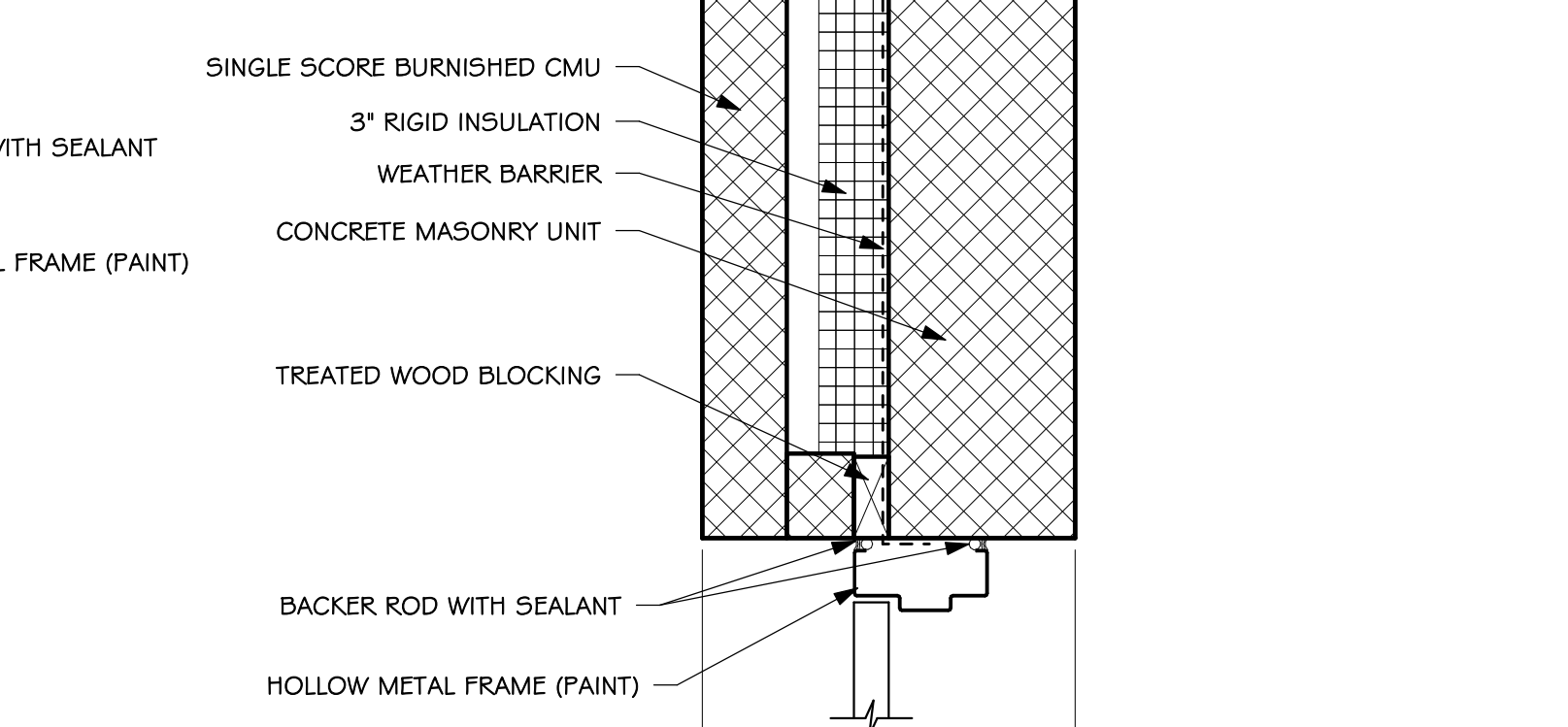
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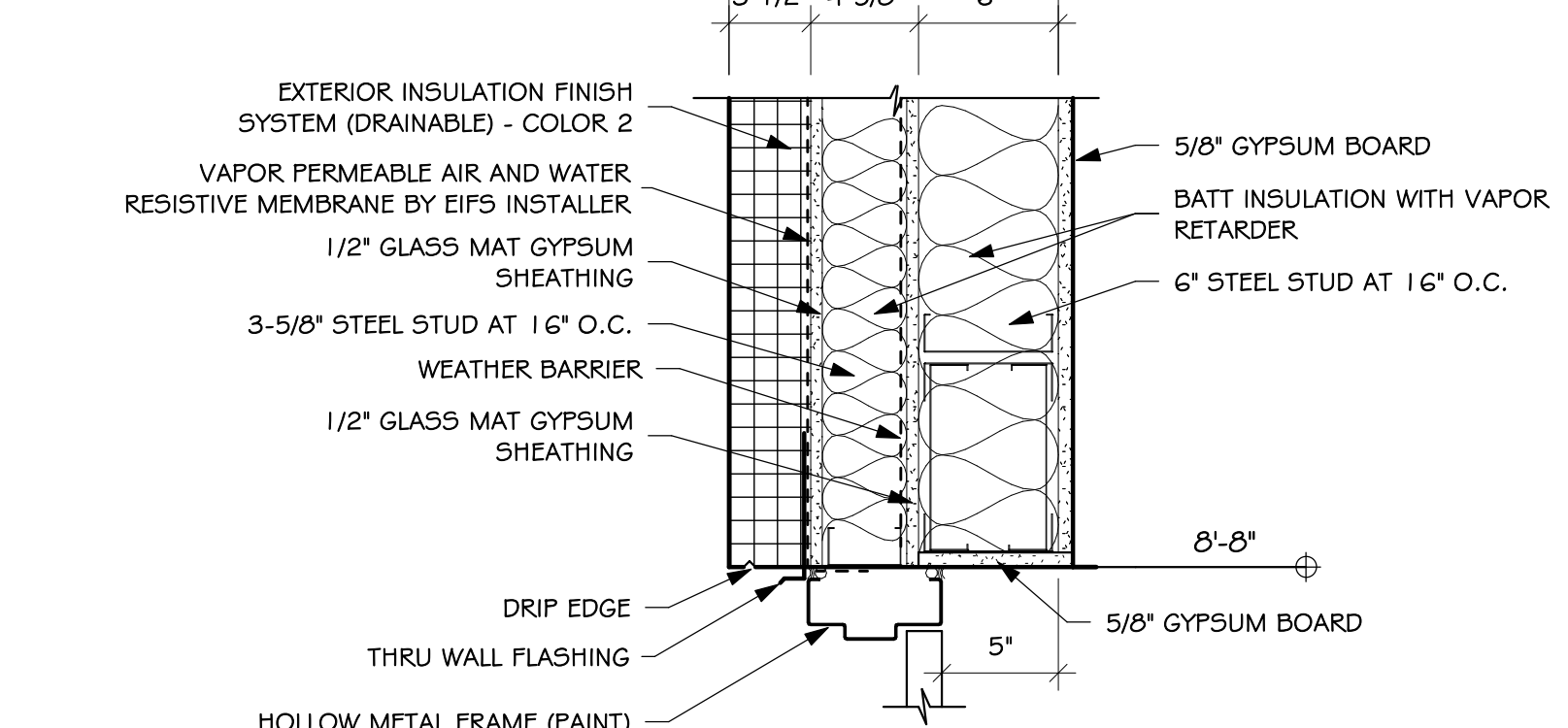
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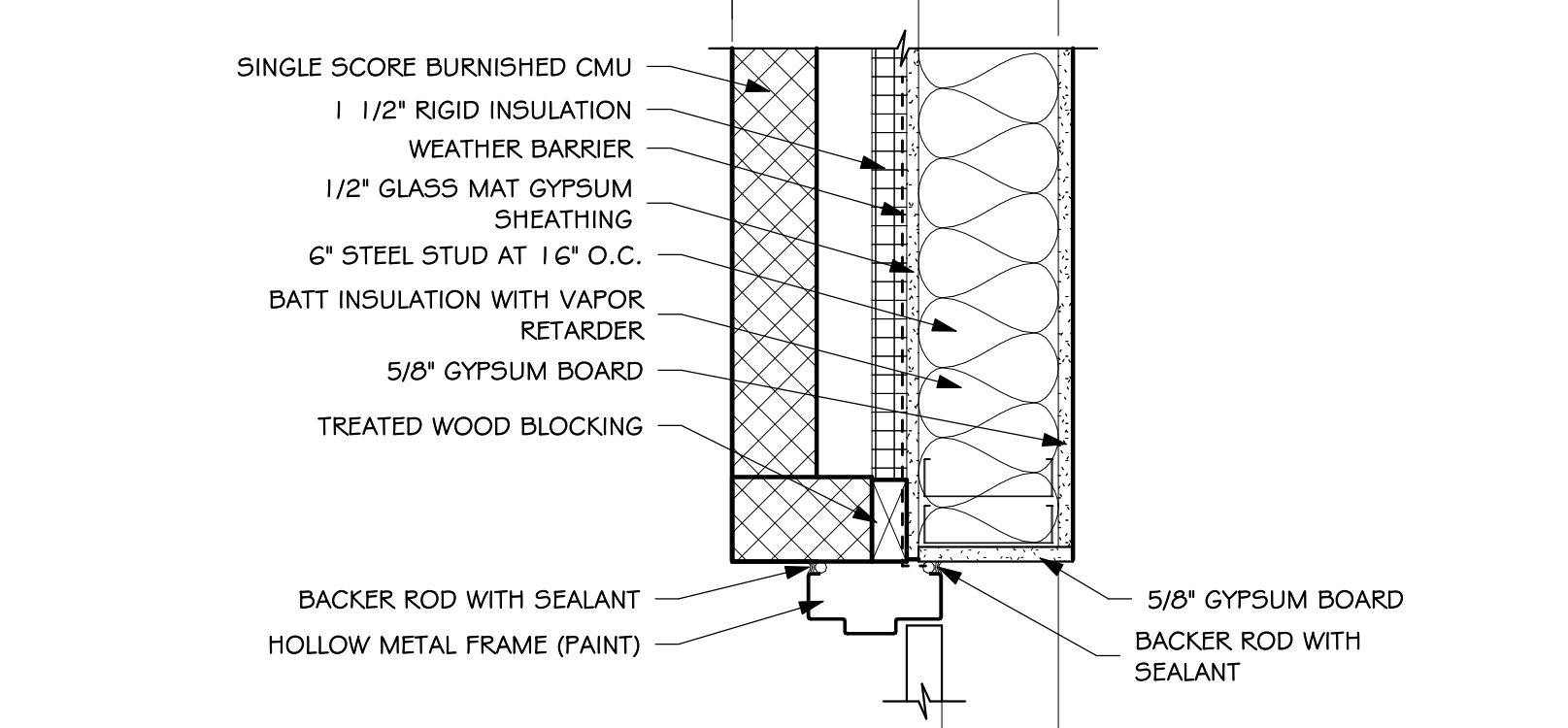
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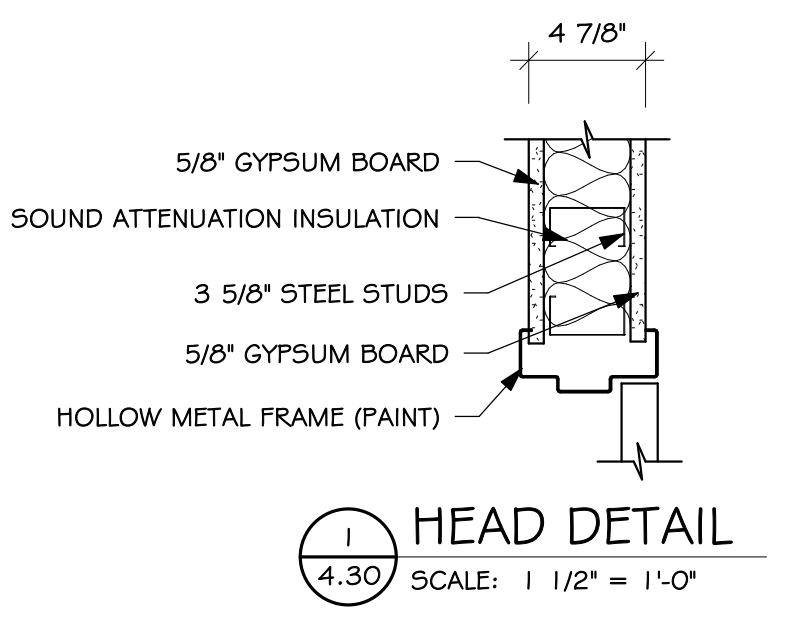
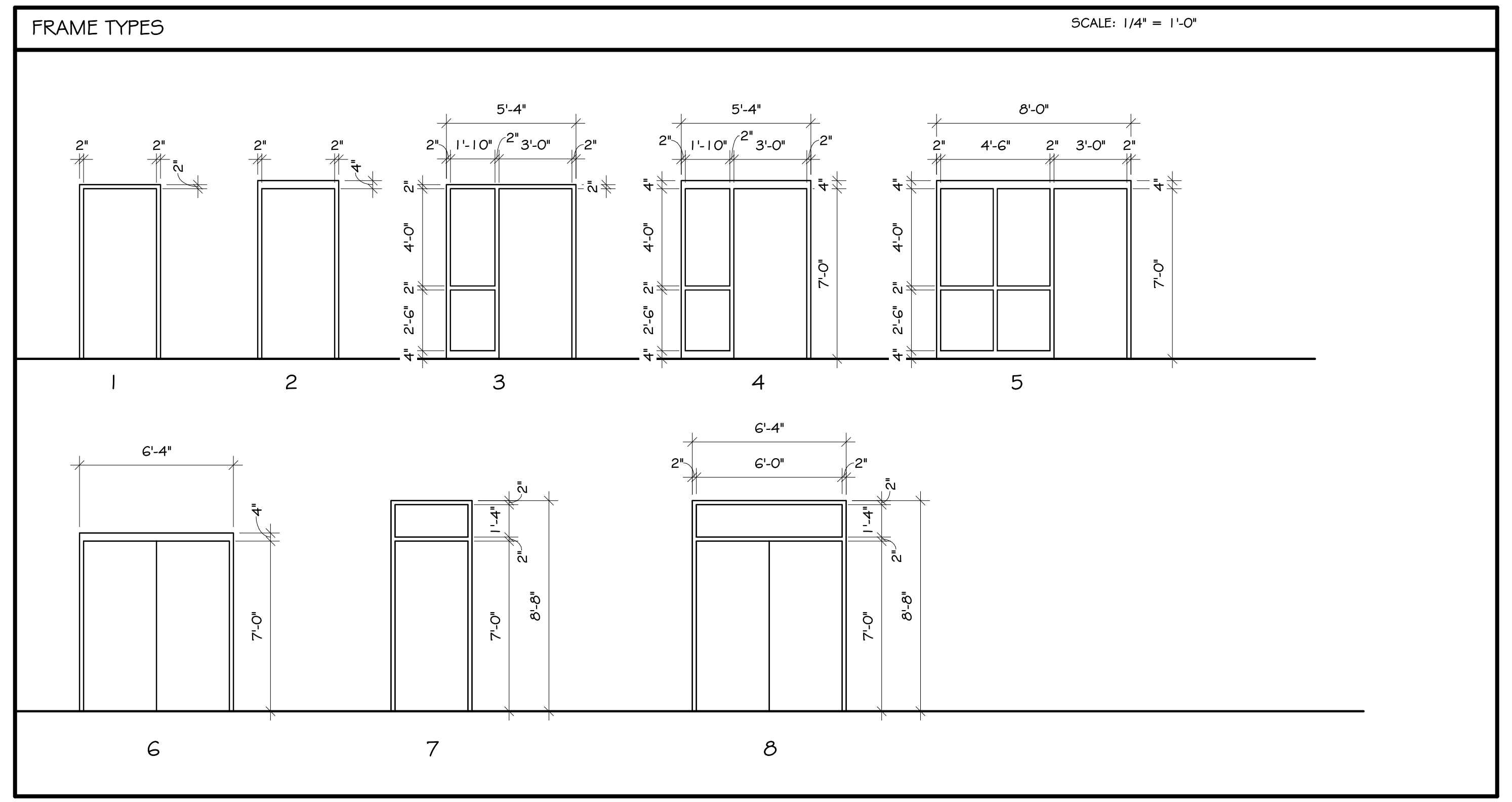
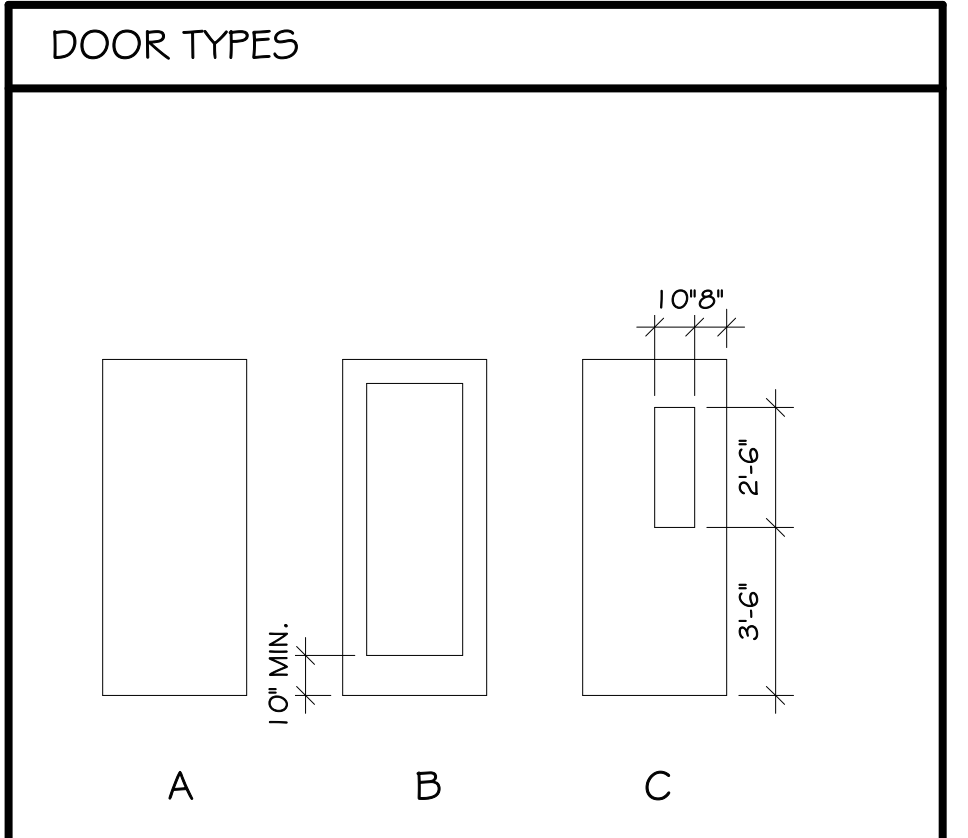
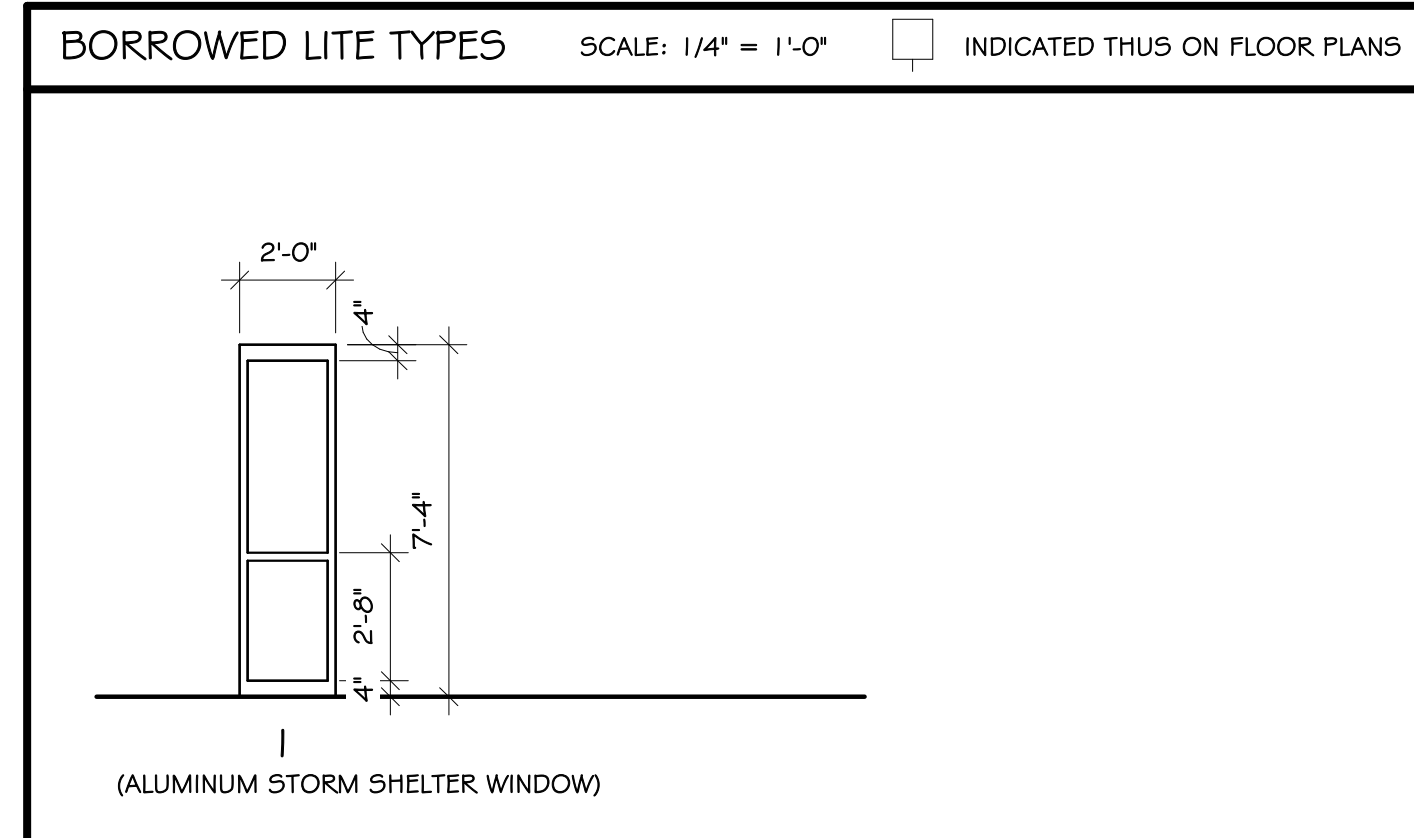
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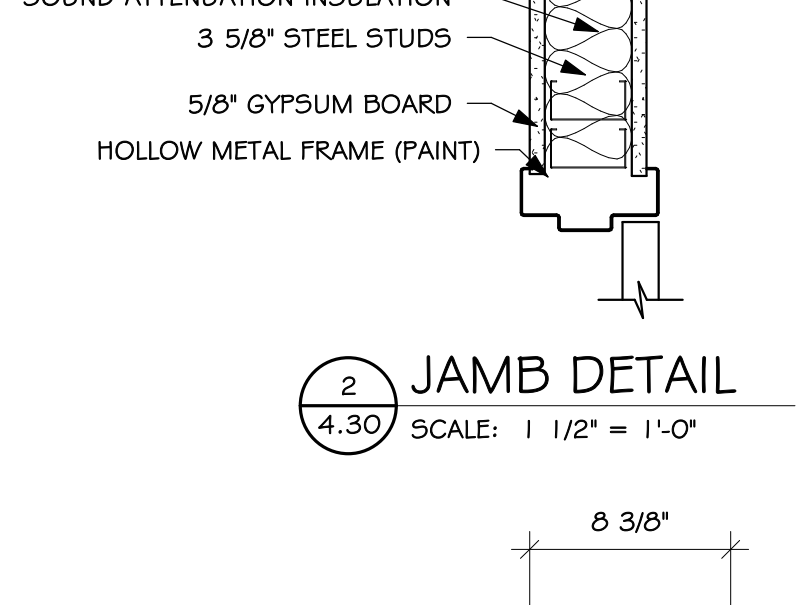
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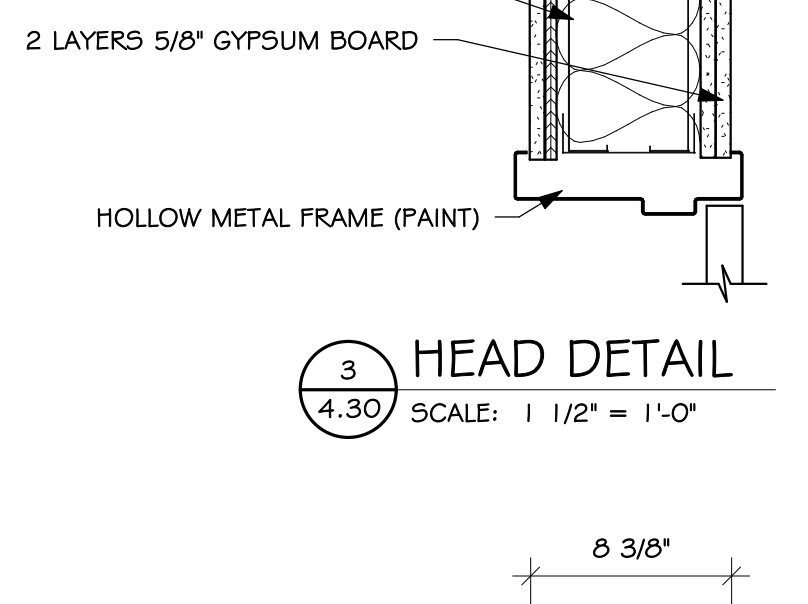
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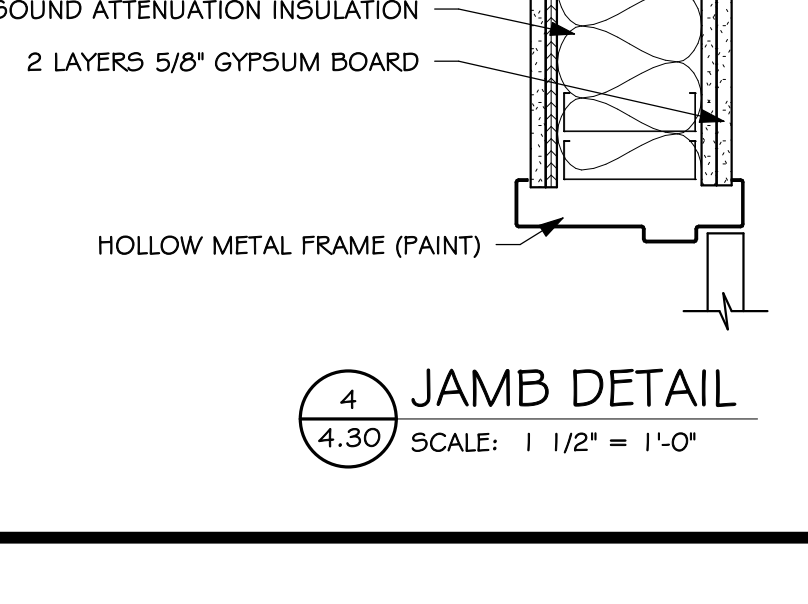
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2 JAMB DETAIL
4.30 SCALE: 1/2" = 1'-0"



3 HEAD DETAIL
4.30 SCALE: 1/2" = 1'-0"

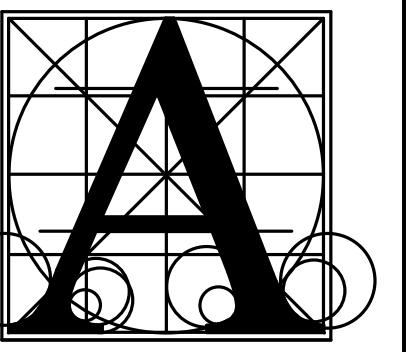


4 JAMB DETAIL
4.30 SCALE: 1/2" = 1'-0"

BRANDON VALLEY MIDDLE SCHOOL ADDITION
 DOOR SCHEDULE & DOOR DETAILS

number	0619.3090.24
date	FEBRUARY 21, 2025
revision	
drawn	M5 checked SRJ
DATE	DESCRIPTION
3-13-2025	ADDENDUM #2

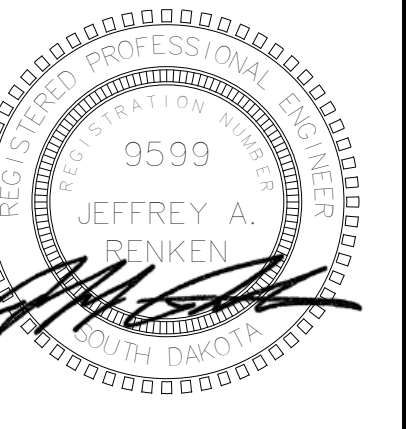
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BRANDON VALLEY MIDDLE SCHOOL ADDITION

SITE PLAN - ELECTRICAL

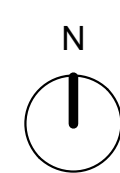
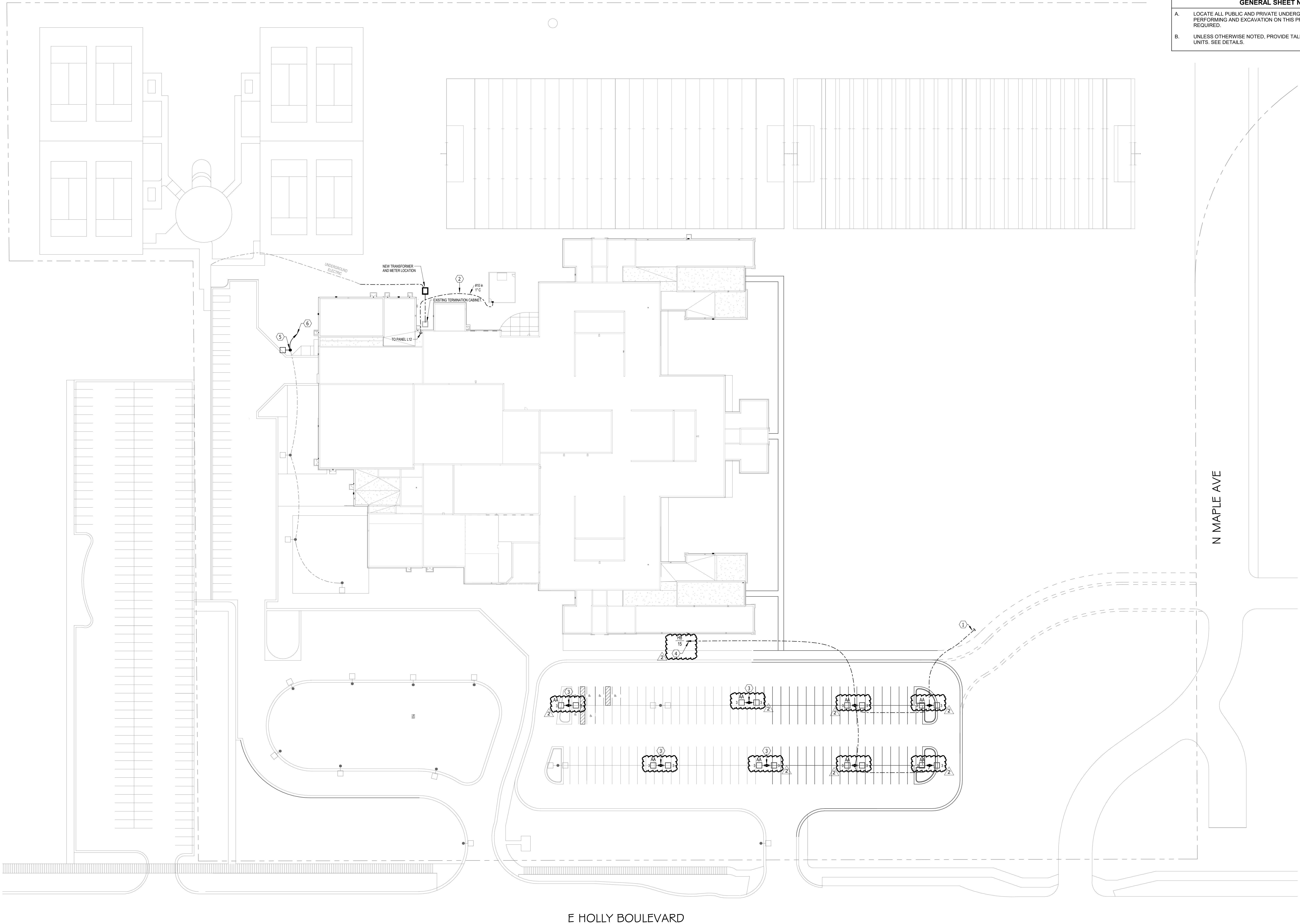
Project

number 0819.3090.24
date FEBRUARY 21, 2025
revision
drawn ADP checked JJJ

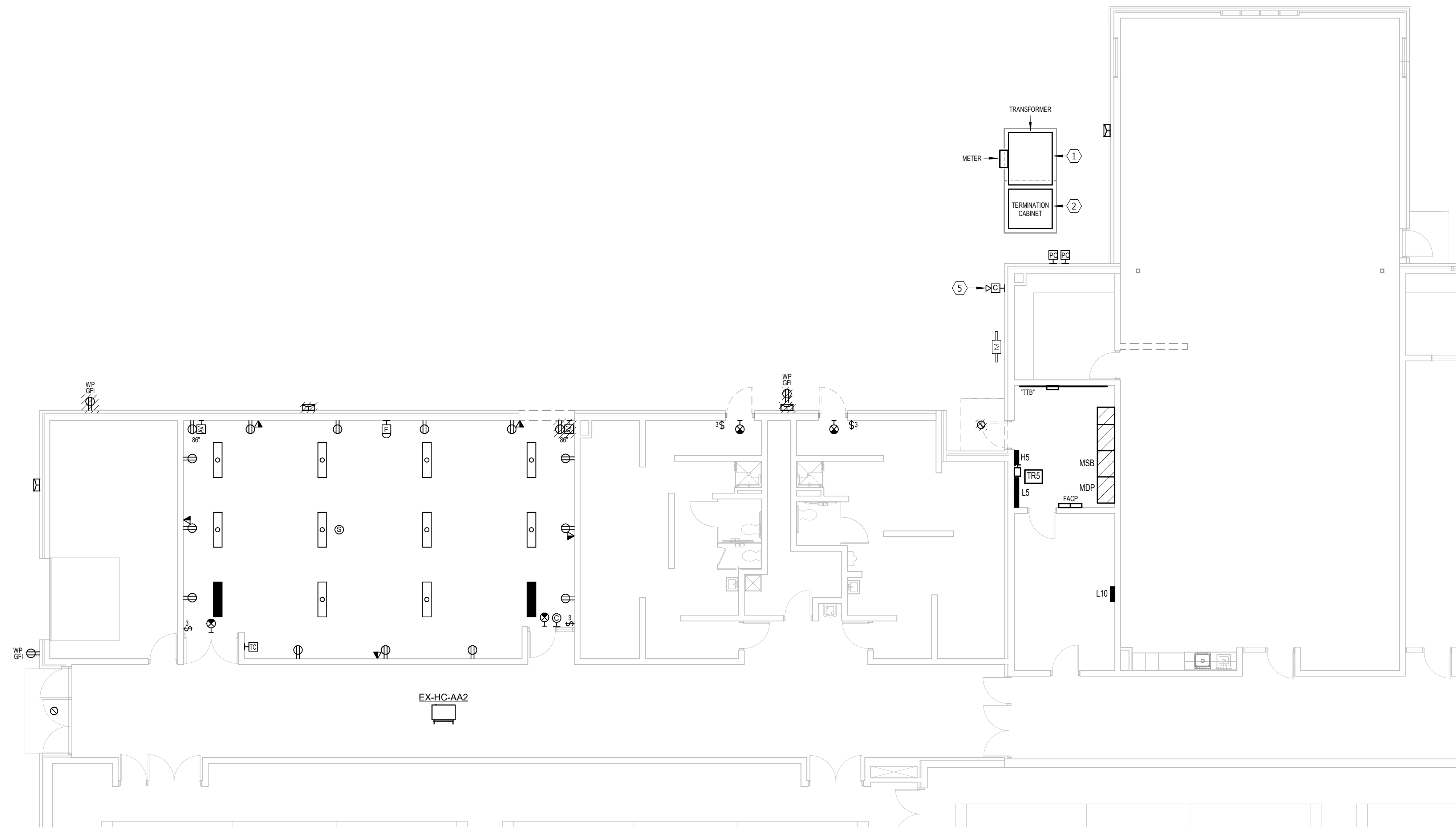
DATE	DESCRIPTION
3-6-25	Addendum #1
3-13-25	Addendum #2

9.11

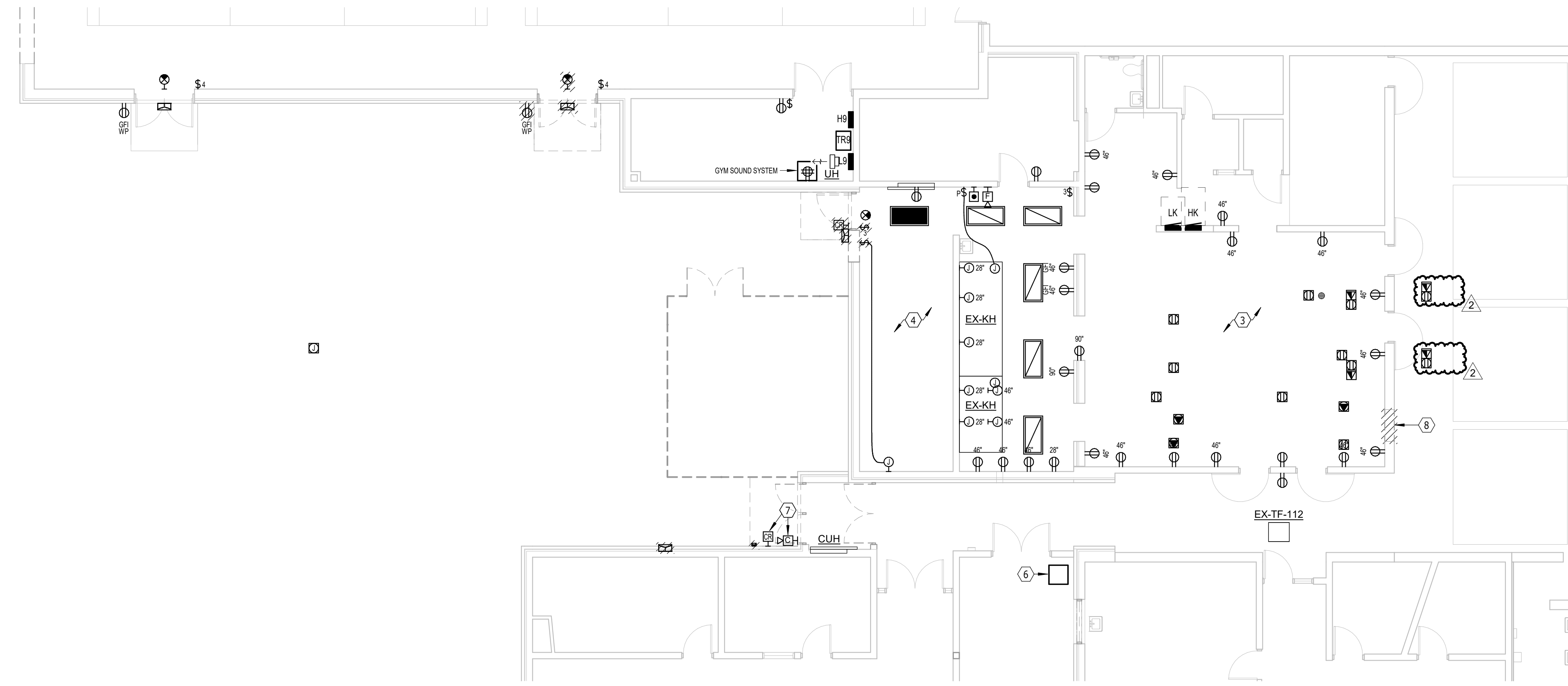
- ELECTRICAL NOTES**
1. PROVIDE 1" RACEWAY FOR FUTURE PARKING LOT EXPANSION.
 2. PROVIDE NEW UNDERGROUND FEED TO RELOCATED SHED LOCATION. RECONNECT TO EXISTING DISCONNECT SWITCH.
 3. REPLACE EXISTING PARKING LOT LIGHTING UNITS WITH NEW.
 4. TO PANEL H8, CONTROL VIA PHOTOCELL.
 5. DEMO POLE BASE AND REPLACE WITH NEW. POLE BASE TO MATCH EXISTING. REMOVE AND REINSTALL POLE AND LIGHTING UNIT.
 6. PROVIDE NEW HOMERUN TO PANEL H5 (#10). RECONNECT TO SAME CIRCUIT AND CONTROLS AS WAS ORIGINALLY CONNECTED AT REMOVED UNDERGROUND JUNCTION BOX.
- GENERAL SHEET NOTES**
- A. LOCATE ALL PUBLIC AND PRIVATE UNDERGROUND UTILITIES BEFORE PERFORMING AND EXCAVATION ON THIS PROJECT. RELOCATE AS REQUIRED.
 - B. UNLESS OTHERWISE NOTED, PROVIDE TALL POLE BASES FOR SITE LIGHTING UNITS. SEE DETAILS.



SITE PLAN - ELECTRICAL
SCALE 0 20 40 60 80

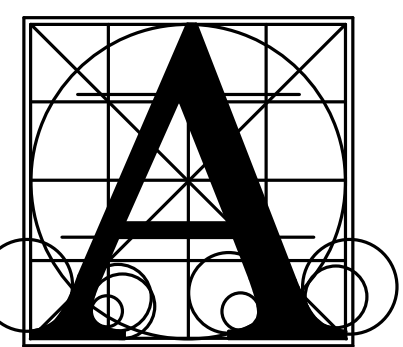


N
DEMOLITION PLAN - AREA A1 - ELECTRICAL
 SCALE 0 4 8 12 16



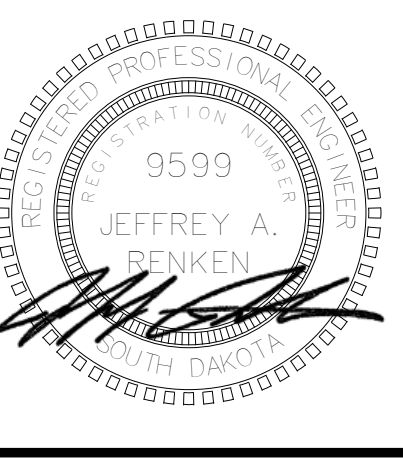
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DEMOLITION PLAN - AREA A2 - ELECTRICAL
 SCALE 0 4 8 12 16

- ELECTRICAL NOTES**
- COORDINATE RELOCATION OF UTILITY TRANSFORMER WITH SIOUX VALLEY ENERGY. DEMO SECONDARY CONDUCTOR FROM TRANSFORMER TO CT CABINET.
 - CT CABINET TO REMAIN.
 - DEMO COVERS, RECEPTACLES AND DATA JACKS FROM ALL FLOOR BOXES SHOWN IN THIS ROOM INCLUDING ALL CONDUCTOR BACK TO THE SERVING PANELBOARD (LK, GENERAL ELECTRIC). EXISTING FLOOR BOX BACKBOXES TO REMAIN. PROVIDE FLUSH BLANK COVER FOR EACH.
 - DEMO ALL CONNECTIONS TO EXISTING WALK IN COOLER AND WALK IN FREEZER IN THIS LOCATION INCLUDING CONDENSING UNITS LOCATED ON THE ROOF AND HEAT TRACE CIRCUITS.
 - REMOVE EXISTING CAMERA. REINST ALL.
 - EXISTING IDF DATA RACK TO REMAIN. PROVIDE NEW MOUNTING HARDWARE AS REQUIRED FOR TERMINATION OF NEW CABLING.
 - SALVAGE TO OWNER.
 - DEMO EXISTING ELECTRICAL DEVICES IN THIS LOCATION AS REQUIRED TO ALLOW FOR INSTALLATION OF NEW DOOR.
- GENERAL DEMOLITION SHEET NOTES**
- DEMO HATCHED ITEMS.
 - PERFORM ALL DEMOLITION WORK AS REQUIRED AND REMODELING WORK AS SHOWN ON THE DRAWINGS INCLUDING MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT.
 - PRIOR TO SUBMITTING BID, CONTRACTOR SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND SHOULD HAVE VISITED THE CONSTRUCTION SITE. THE CONTRACTOR SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS UNDER WHICH HE/SHE WILL HAVE TO OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THIS CONTRACT IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS/HER PART.
 - CERTAIN REMODELING OF ELECTRICAL FACILITIES WILL BE REQUIRED IN THE EXISTING BUILDING. EXISTING CONDUIT RUNS ARE GENERALLY NOT SHOWN, ALTHOUGH A FULL ATTEMPT HAS BEEN MADE TO SHOW SOME EXISTING CONDITIONS, OF WHICH INFORMATION HAS BEEN TAKEN FROM EXISTING RECORD DRAWINGS OF THIS PROJECT. THE DRAWINGS SHOWING LOCATIONS OF EXISTING EQUIPMENT, OUTLETS, FIXTURES, ETC. IN EXISTING AREA ARE APPROXIMATE ONLY (FIELD VERIFY).
 - BRANCH CIRCUITS SHALL BE REUSED WHERE PRACTICAL AND SHALL, IN ADDITION, BE REMODELED AS REQUIRED. THE CONTRACTOR SHALL CONCEAL ALL WORK WHERE POSSIBLE. WHERE EXPOSED WORK IS REQUIRED IN FINISHED AREAS, THE CONTRACTOR SHALL USE SURFACE MOUNTED, MULTI-OUTLET RACEWAY, PANDUIT T70 SERIES. EXISTING RUNS SHALL BE VERIFIED.
 - EXISTING ELECTRICAL WIRING WHICH WILL NOT BE MADE OBSOLETE AND WHICH WILL BE DISTURBED DUE TO CONSTRUCTION CHANGES REQUIRED BY THIS CONTRACT SHALL BE RESTORED TO OPERATING CONDITION, AS REQUIRED AND/OR DIRECTED. WHERE REQUIRED, SHOWN AND/OR DIRECTED. OUTLETS AND CONDUIT RUNS SHALL BE RELOCATED. IN SOME CASES, IT MAY BE NECESSARY TO EXTEND CONDUITS AND PULL IN NEW WIRING OR INSTALL JUNCTION BOXES AND SPLICE IN NEW WIRING OR REPLACE OLD WIRING WITH NEW.
 - OUTLETS FROM WHICH FIXTURES, SWITCHES, RECEPTACLES, AND/OR OTHER ELECTRICAL DEVICES ARE MOVED AND WHICH ARE NOT REPLACED OR REUSED SHALL BE REMOVED OR, IF NOT POSSIBLE, PROVIDED WITH A BLANK PLATE ON THE OUTLET BOX. WHERE OUTLETS, BOXES, ETC. ARE COMPLETELY REMOVED, THE CONTRACTOR SHALL CUT OFF CONDUITS AND REMOVE WIRING.
 - WHERE EXISTING LIGHT FIXTURES ARE TO BE RE-USED, THE CONTRACTOR SHALL CLEAN THE FIXTURES AND REPLACE LAMPS. THE CONTRACTOR SHALL ALSO REPAIR OR REPLACE DEFECTIVE PARTS, INCLUDING LENSES, BALLASTS, ETC. AS REQUIRED SO THAT THE FIXTURES ARE FUNCTIONING CORRECTLY.
 - WHERE CONDUITS EXTENDING THROUGH FLOORS ARE TO BE ABANDONED, THE CONTRACTOR SHALL CUT AND CAP OR PLUG CONDUIT, SO THAT IT WILL NOT PROTRUDE ABOVE THE FLOOR.
 - WHERE EXISTING CONDUIT IS TO BE ABANDONED, THE CONDUIT SHALL BE REMOVED IF IT IS EXPOSED, INTO A CRAWL SPACE OR ACCESSIBLE CEILING. WHERE IT IS IMPOSSIBLE TO REMOVE THE CONDUIT, IT SHALL BE CUT OFF AND CAPPED OR PLUGGED.
 - THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACES REQUIRING PATCHING, PLASTERING, PAINTING AND/OR OTHER REPAIR DUE TO THE INSTALLATION OF ELECTRICAL WORK UNDER THE TERMS OF THIS CONTRACT. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC. AS REQUIRED.
 - THE CONTRACTOR SHALL EMPLOY QUALIFIED AND EXPERIENCED WORKMEN FOR THIS WORK. ALL RESTORATION WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND/OR THE OWNER.
 - ALL TEMPORARY AND REMODELING WORK SHALL BE CONSIDERED A PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED. THIS SHALL INCLUDE MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT.
 - EXAMINE ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS TO DETERMINE THE SEQUENCE OF CONSTRUCTION THROUGHOUT THE PROJECT, INCLUDING EXISTING, TEMPORARY, REMODELED AND NEW AREAS.
 - THE OWNER RESERVES THE RIGHT TO RETAIN ANY SELECTED SALVAGE ITEMS. ALL OTHER ITEMS SHALL BE THE CONTRACTORS RESPONSIBILITY FOR LEGAL DISPOSAL.



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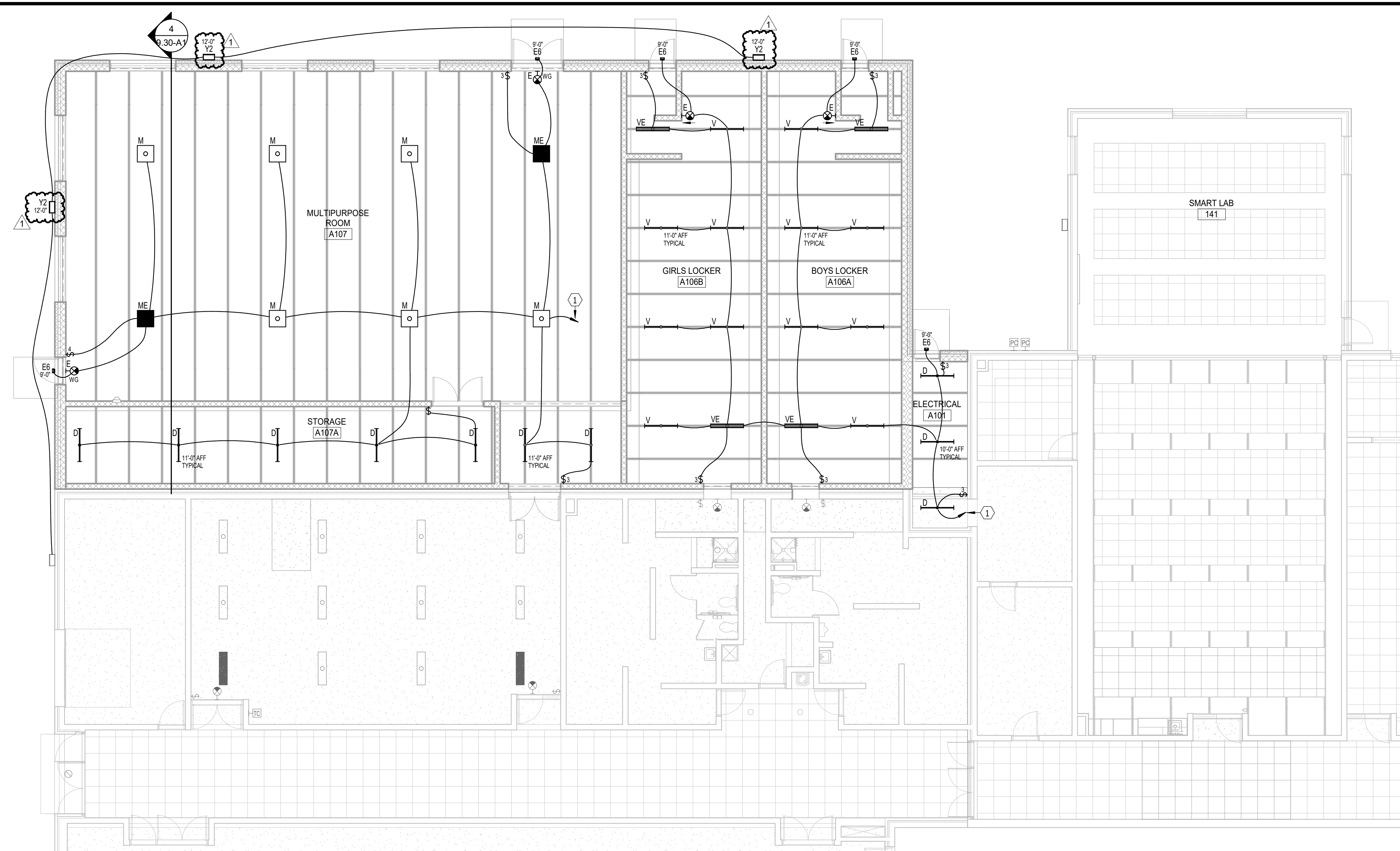


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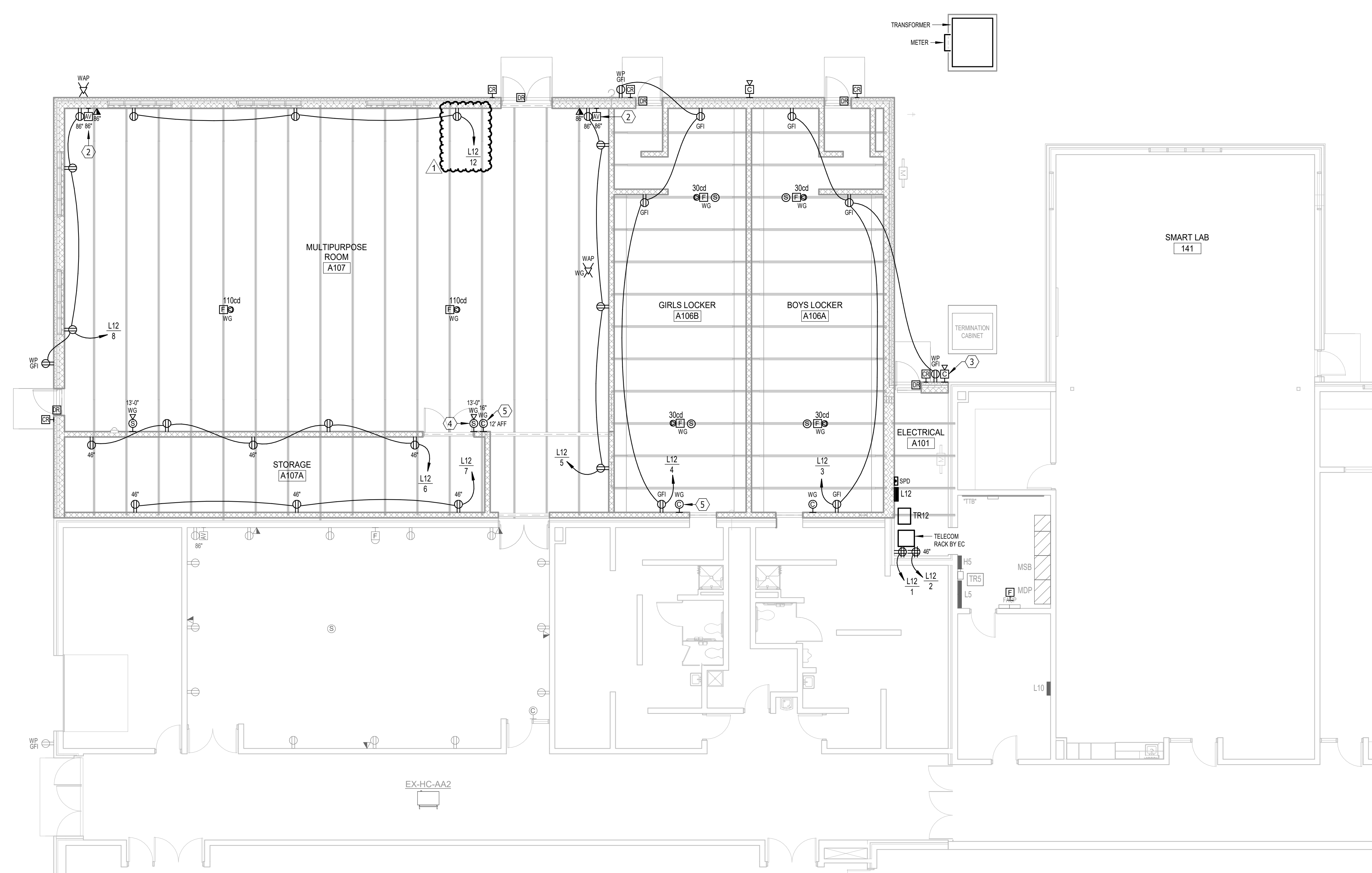
BRANDON VALLEY MIDDLE SCHOOL ADDITION
 FIRST FLOOR - DEMOLITION PLAN - AREA A1 & A2 - ELECTRICAL

number	0819.3090.24
date	FEBRUARY 21, 2025
revision	
drawn	ADP checked JLU
DATE	DESCRIPTION
3-6-25	Addendum #1
3-13-25	Addendum #2

9.21

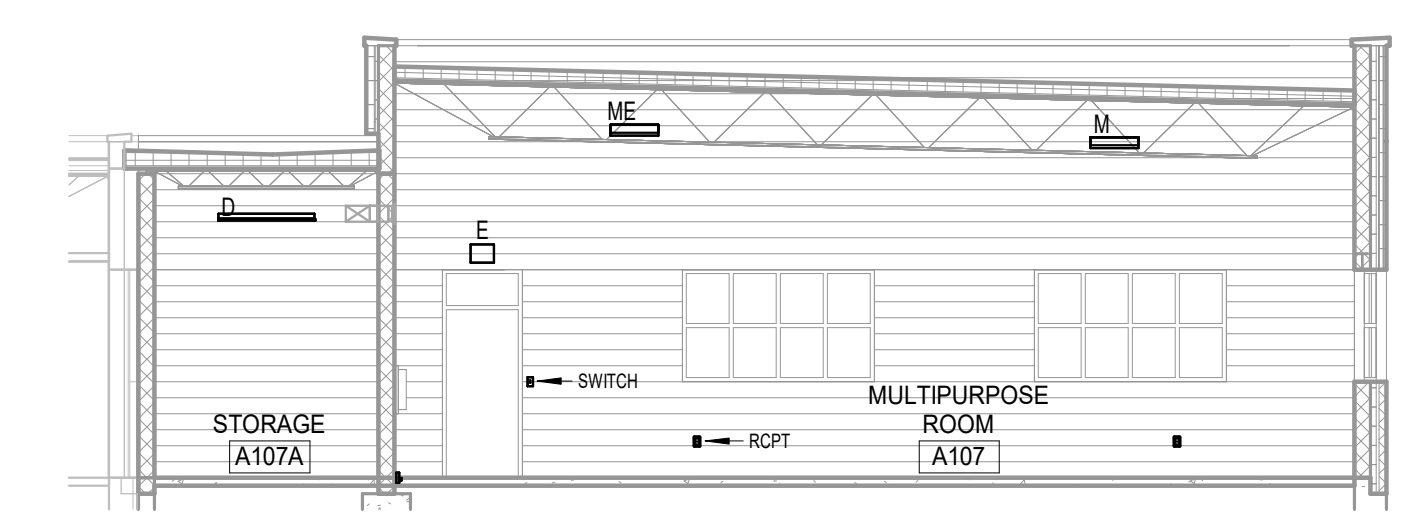


FLOOR PLAN - AREA A1 - LIGHTING
SCALE 0 4 8 12 16

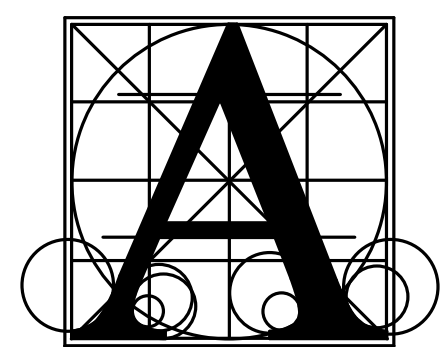


FLOOR PLAN - AREA A1 - POWER & SIGNAL
SCALE 0 4 8 12 16

- ELECTRICAL NOTES**
- TO PANEL HS (GENERAL ELECTRIC), PROVIDE NEW 20A/1P CIRCUIT BREAKER.
 - AT AV OUTLET LOCATIONS, PROVIDE 2 GANG J-BOX WITH 1.25" RACEWAY STUB UP FOR FUTURE CABLING.
 - REINSTALLED CAMERA LOCATION.
 - PAGING INTERCOM SPEAKER, TYPICAL.
 - PROVIDE NEW ANALOG SYNCHRONIZED WIRELESS CLOCK TO MATCH EXISTING BY SAMPING, TYPICAL.
- GENERAL SHEET NOTES**
- RECEPTACLES SHALL BE TAMPER RESISTANT IN ACCORDANCE WITH THE NEC AND LOCAL CODE REQUIREMENTS. AT A MINIMUM, TAMPER RESISTANT RECEPTACLES SHALL BE PROVIDED IN ALL PUBLIC AREAS.
 - LIGHTING FIXTURES DENOTED "NL" INDICATE 24/7 NIGHTLIGHT OPERATION FOR SECURITY CONSIDERATIONS. SHADED FIXTURES ARE EMERGENCY LIGHTING FIXTURES WITH INTEGRAL BATTERY BACKUP FOR LIFE SAFETY CODE REQUIREMENTS.
 - THE ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-INS FOR ACCESS CONTROL SYSTEM DEVICES (CARD READER, DOOR RELEASE, DOOR POSITION, AND REQUEST TO EXIT). COORDINATE REQUIREMENTS WITH THE OWNER'S SECURITY SYSTEM SUPPLIER AND THE DOOR HARDWARE SUPPLIER.
 - UNLESS OTHERWISE NOTED, TELECOMMUNICATIONS OUTLETS TO BE COMPRISED OF (2D) TWO CAT 6 DATA DROPS PER LOCATION. PROVIDE ALL CONNECTIONS AND ASSOCIATED ITEMS AS REQUIRED FOR SYSTEM INTEGRITY. SEE SPECIFICATIONS.
 - PROVIDE (1D) CAT 6 DATA CABLING AT EACH CAMERA LOCATION SHOWN. ROUTE TO TELECOM RACK (IDF). COORDINATE MOUNTING HEIGHTS OF CAMERAS WITH OWNER. CAMERAS FURNISHED AND INSTALLED BY OWNER.
 - WIRELESS ACCESS POINTS (WAP) TO HAVE (2D) CAT 6A PER LOCATION. PROVIDE CABLING AND TERMINATIONS. WAP DEVICES SUPPLIED BY OWNER. INSTALLED BY ELECTRICAL CONTRACTOR.



MULTIPURPOSE A107
SCALE 0 4 8 12 16



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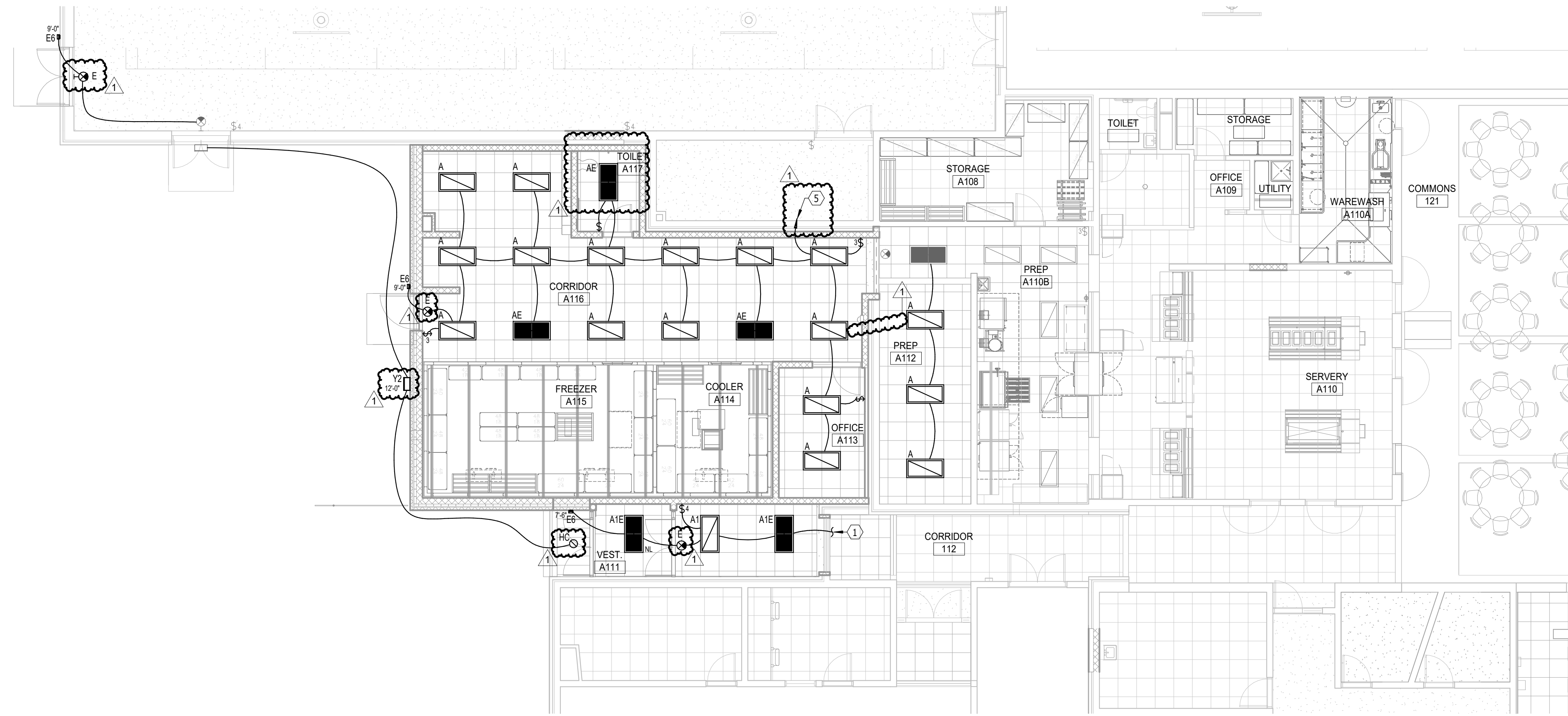
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BRANDON VALLEY MIDDLE SCHOOL ADDITION
 FLOOR PLAN - AREA A1 - ELECTRICAL

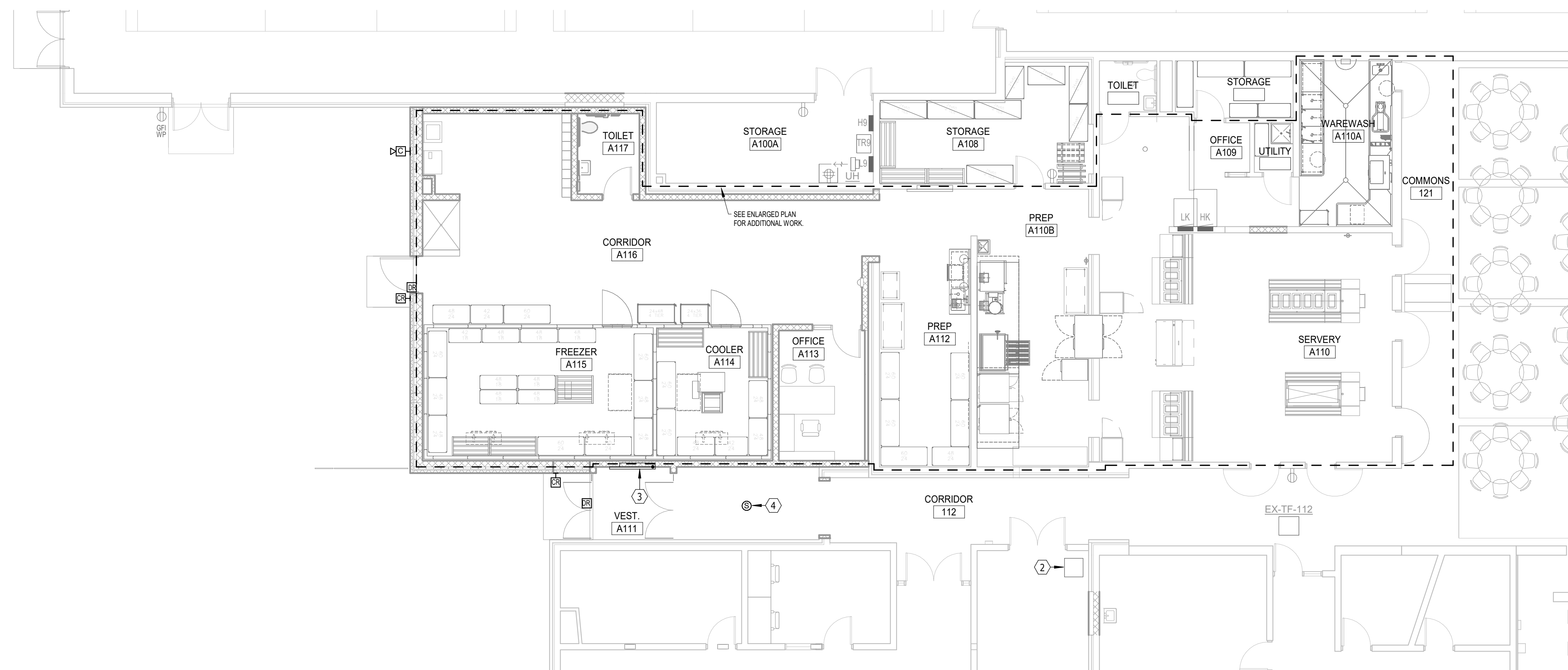
number	0619.3090.24
date	FEBRUARY 21, 2025
revision	
drawn	ADP checked JLU
DATE	DESCRIPTION
3-13-25	Addendum #2

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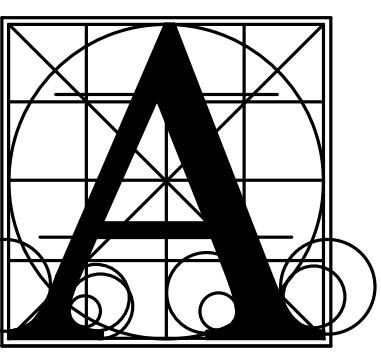


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FLOOR PLAN - AREA A2 - LIGHTING
 SCALE 0 4 8 12 16



N
FLOOR PLAN - AREA A2 - POWER & SIGNAL
 SCALE 0 4 8 12 16

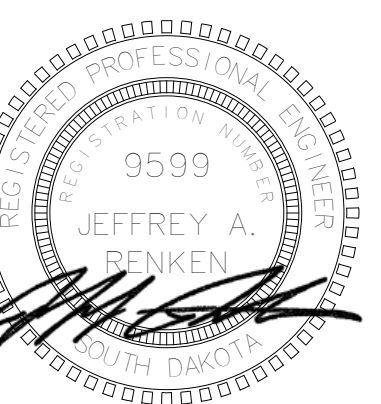
- ELECTRICAL NOTES**
- CONNECT WITH CORRIDOR LIGHTING. RECONFIGURE SWITCHING BASED OFF OF EXISTING CONDITIONS.
 - EXISTING IDF DATA RACK TO REMAIN. PROVIDE NEW MOUNTING HARDWARE AS REQUIRED FOR TERMINATION OF NEW CABLING.
 - RELOCATE AND RECONNECT EXISTING CABINET UNIT HEATER.
 - PAGING INTERCOM SPEAKER, TYPICAL.
 - TO PANEL 10 (GENERAL ELECTRIC). PROVIDE NEW 200 AMP CIRCUIT BREAKER.
- GENERAL SHEET NOTES**
- RECEPTACLES SHALL BE TAMPER RESISTANT IN ACCORDANCE WITH THE NEC AND LOCAL CODE REQUIREMENTS. AT A MINIMUM, TAMPER RESISTANT RECEPTACLES SHALL BE PROVIDED IN ALL PUBLIC AREAS.
 - LIGHTING FIXTURES DENOTED "NL" INDICATE 24/7 NIGHTLIGHT OPERATION FOR SECURITY CONSIDERATIONS. SHADED FIXTURES ARE EMERGENCY LIGHTING FIXTURES WITH INTEGRAL BATTERY BACKUP FOR LIFE SAFETY CODE REQUIREMENTS.
 - THE ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-INS FOR ACCESS CONTROL SYSTEM DEVICES (CARD READER, DOOR RELEASE, DOOR POSITION, AND REQUEST TO EXIT). COORDINATE REQUIREMENTS WITH THE OWNER'S SECURITY SYSTEM SUPPLIER AND THE DOOR HARDWARE SUPPLIER.
 - UNLESS OTHERWISE NOTED, TELECOMMUNICATIONS OUTLETS TO BE COMPRISED OF (2D) TWO CAT 6 DATA DROPS PER LOCATION. PROVIDE ALL CONNECTIONS AND ASSOCIATED ITEMS AS REQUIRED FOR SYSTEM INTEGRITY. SEE SPECIFICATIONS.
 - PROVIDE (1D) CAT 6 DATA CABLING AT EACH CAMERA LOCATION SHOWN. ROUTE TO TELECOM RACK (IDF). COORDINATE MOUNTING HEIGHTS OF CAMERAS WITH OWNER. CAMERAS FURNISHED AND INSTALLED BY OWNER.
 - WIRELESS ACCESS POINTS (WAP) TO HAVE (2D) CAT 6A PER LOCATION. PROVIDE CABLING AND TERMINATIONS. WAP DEVICES SUPPLIED BY OWNER. INSTALLED BY ELECTRICAL CONTRACTOR.



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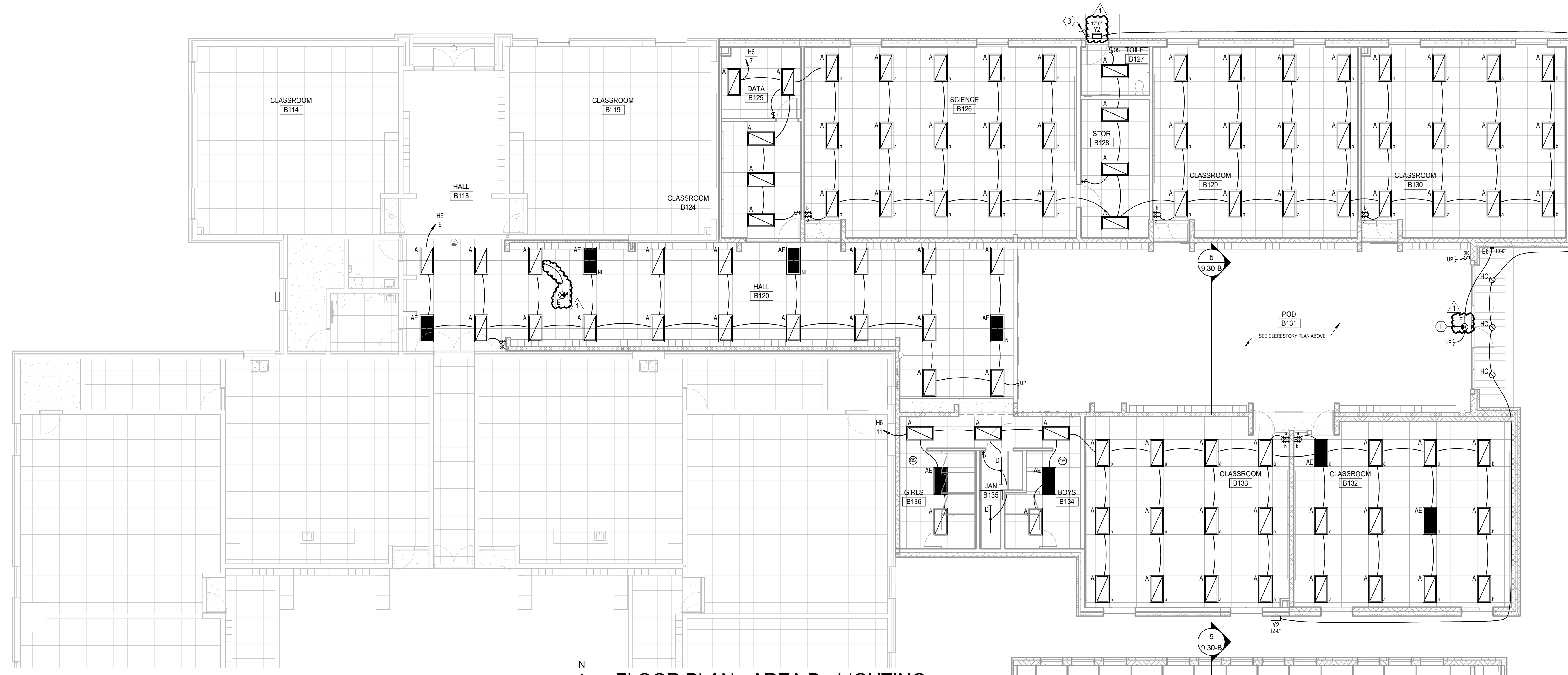
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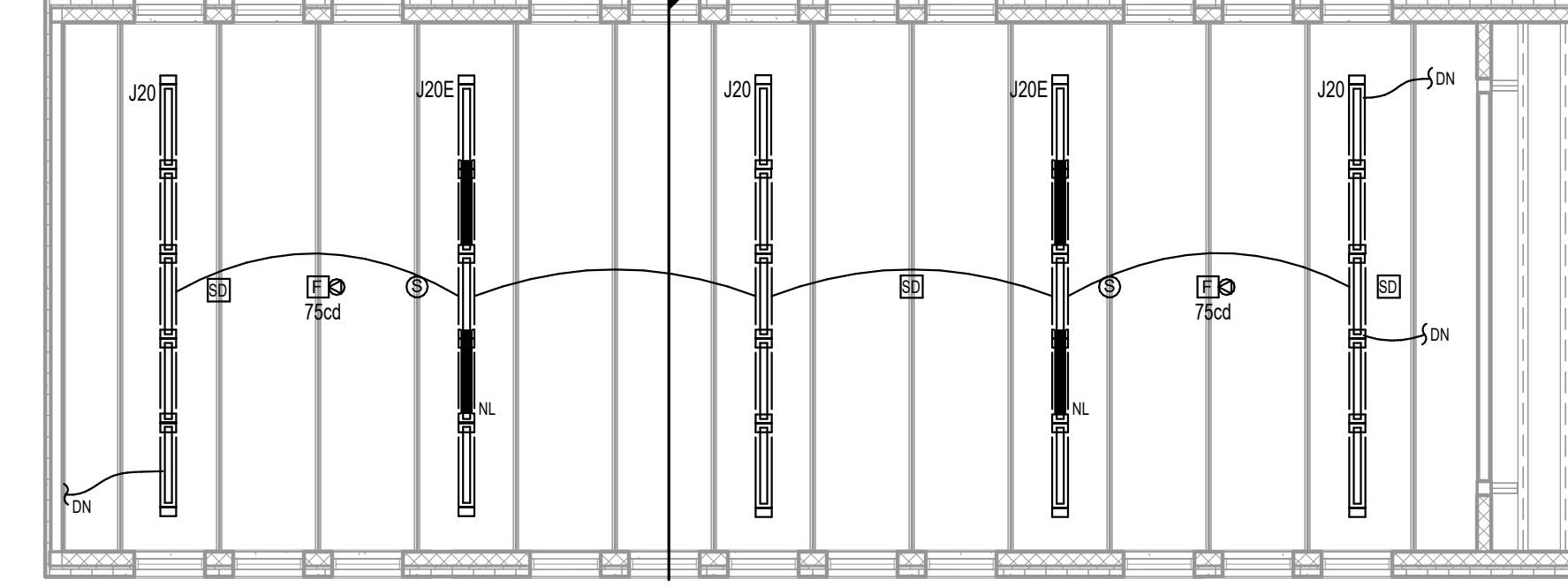
BRANDON VALLEY MIDDLE SCHOOL ADDITION
 sheet contents
FLOOR PLAN - AREA A2 - ELECTRICAL

Project	number	0619.3090.24
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	drawn	ADP checked JLU
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3-13-25	Addendum #2	

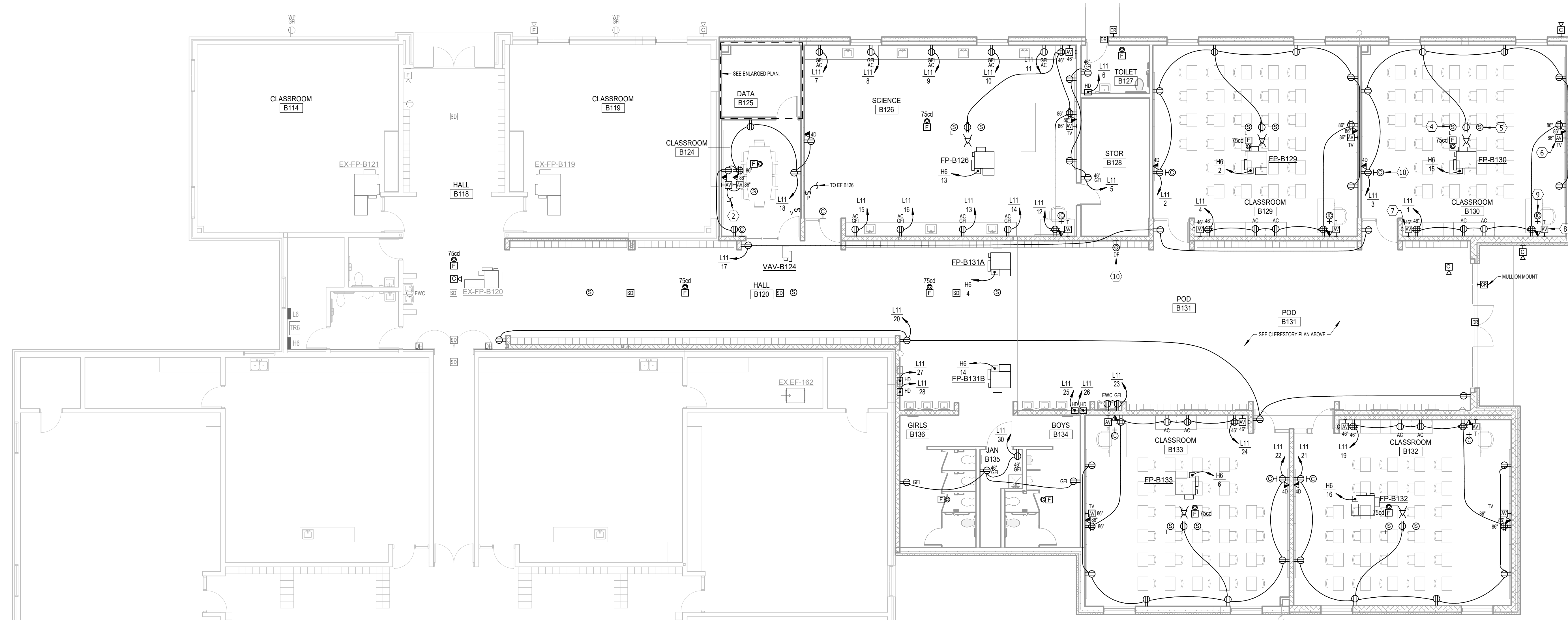
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FLOOR PLAN - AREA B - LIGHTING
SCALE 0 4 8 12 16



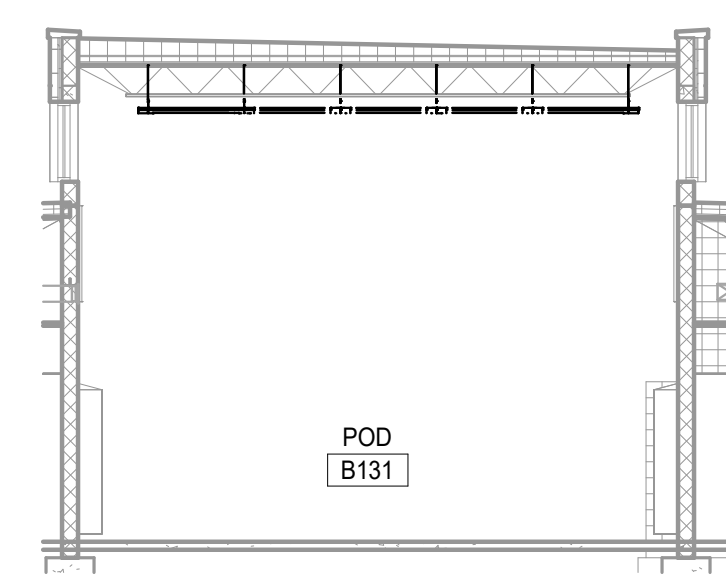
CLERESTORY PLAN - AREA B - ELECTRICAL
SCALE 0 4 8 12 16



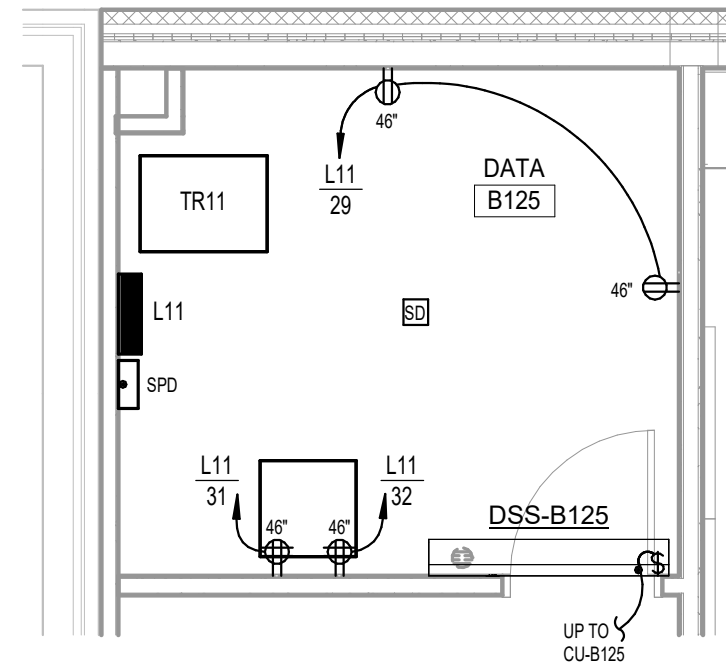
FLOOR PLAN - AREA B - POWER & SIGNAL
SCALE 0 4 8 12 16

- ELECTRICAL NOTES**
- 1 MOUNT ON MULLION OR PENDANT MOUNT AT 10' AFF
 - 2 PROVIDE 1 1/2" CONDUIT RACEWAY BETWEEN AV JUNCTION BOXES AND UP TO ACCESSIBLE CEILING SPACE TO ACCOMMODATE AV CABLING. PROVIDE HDMI CABLING AND OUTLET PLATES AT EACH LOCATION
 - 3 CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT WITH SPARE CAPACITY.
 - 4 AV SOUND SYSTEM SPEAKER, TYPICAL. SEE DETAIL.
 - 5 PAGING INTERCOM SPEAKER, TYPICAL.
 - 6 AV DEVICE (PROMETHEAN BOARD), TYPICAL. SEE DETAIL.
 - 7 AV DEVICE (CABINET) AT 46" AFF. TYPICAL. SEE DETAIL.
 - 8 AV DEVICE (TEACHER), TYPICAL. SEE DETAIL.
 - 9 PROVIDE NEW INTERCOM STAFF STATION PHONES PER SPEC SECTION 277400. TYPICAL.
 - 10 PROVIDE NEW ANALOG SYNCHRONIZED WIRELESS CLOCK TO MATCH EXISTING BY SEMPLING, TYPICAL.

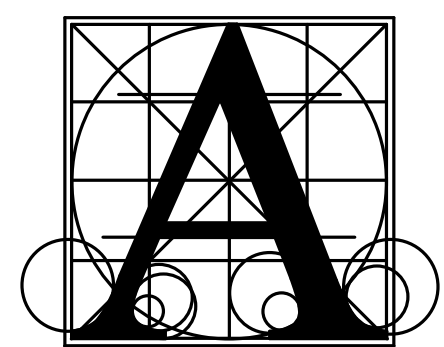
- GENERAL SHEET NOTES**
- A. RECEPTACLES SHALL BE TAMPER RESISTANT IN ACCORDANCE WITH THE NEC AND LOCAL CODE REQUIREMENTS. AT A MINIMUM, TAMPER RESISTANT RECEPTACLES SHALL BE PROVIDED IN ALL PUBLIC AREAS.
 - B. LIGHTING FIXTURES DENOTED "NL" INDICATE 24/7 NIGHTLIGHT OPERATION FOR SECURITY CONSIDERATIONS. SHADED FIXTURES ARE EMERGENCY LIGHTING FIXTURES WITH INTEGRAL BATTERY BACKUP FOR LIFE SAFETY CODE REQUIREMENTS.
 - C. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-INS FOR ACCESS CONTROL SYSTEM DEVICES (CARD READER, DOOR RELEASE, DOOR POSITION, AND REQUEST TO EXIT). COORDINATE REQUIREMENTS WITH THE OWNER'S SECURITY SYSTEM SUPPLIER AND THE DOOR HARDWARE SUPPLIER.
 - D. UNLESS OTHERWISE NOTED, TELECOMMUNICATIONS OUTLETS TO BE COMPRISED OF (2D) TWO CAT 6 DATA DROPS PER LOCATION. PROVIDE ALL CONNECTIONS AND ASSOCIATED ITEMS AS REQUIRED FOR SYSTEM INTEGRITY. SEE SPECIFICATIONS.
 - E. PROVIDE (1D) CAT 6 DATA CABLING AT EACH CAMERA LOCATION SHOWN. ROUTE TO TELECOM RACK (IDF). COORDINATE MOUNTING HEIGHTS OF CAMERAS WITH OWNER. CAMERAS FURNISHED AND INSTALLED BY OWNER.
 - F. WIRELESS ACCESS POINTS (WAP) TO HAVE (2D) CAT 6A PER LOCATION. PROVIDE CABLING AND TERMINATIONS. WAP DEVICES SUPPLIED BY OWNER. INSTALLED BY ELECTRICAL CONTRACTOR.



POD B131
SCALE 0 4 8 12 16



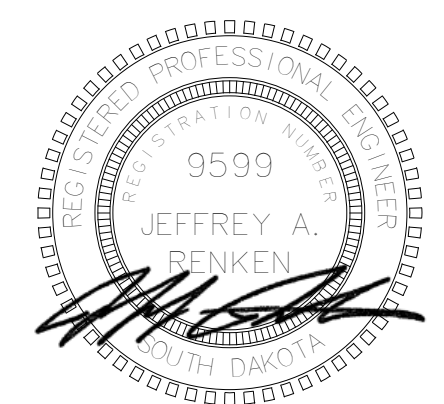
ENLARGED DATA B125 - ELECTRICAL
SCALE 0 2 4 8



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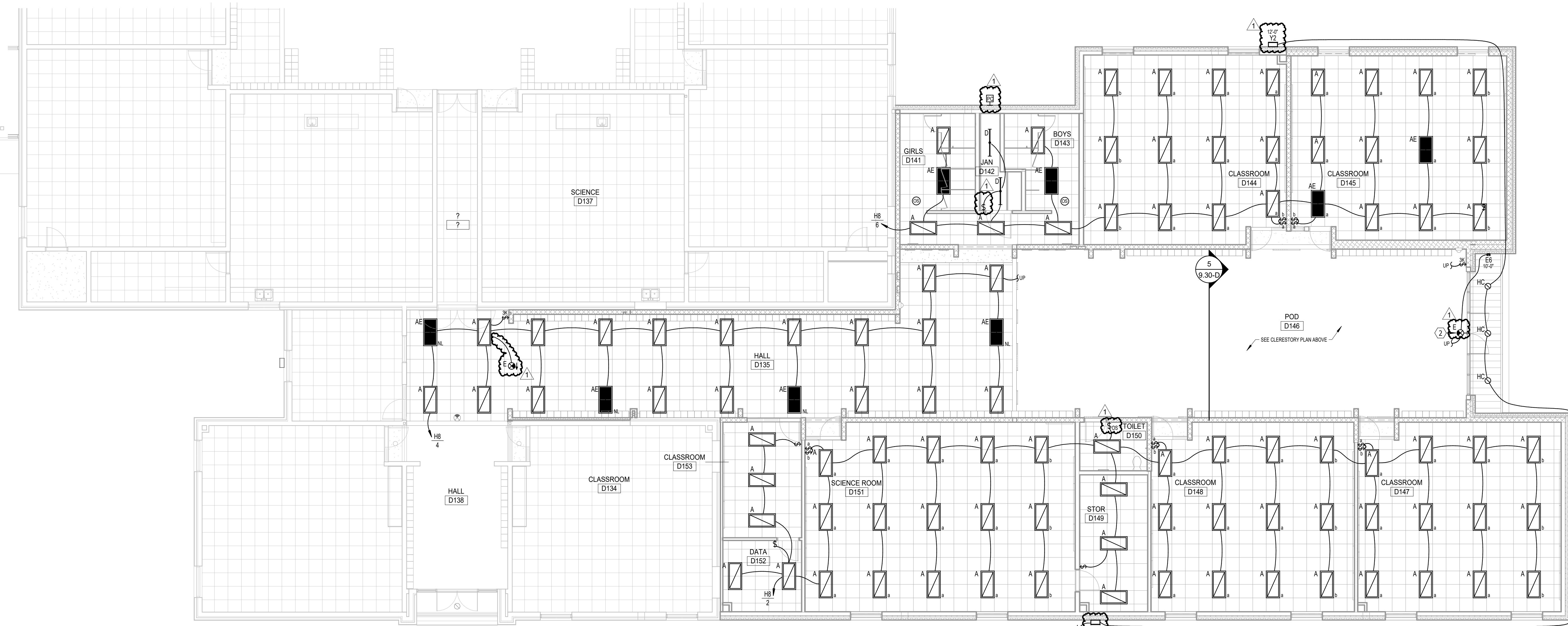
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BRANDON VALLEY MIDDLE SCHOOL ADDITION
FLOOR PLAN - AREA B - ELECTRICAL

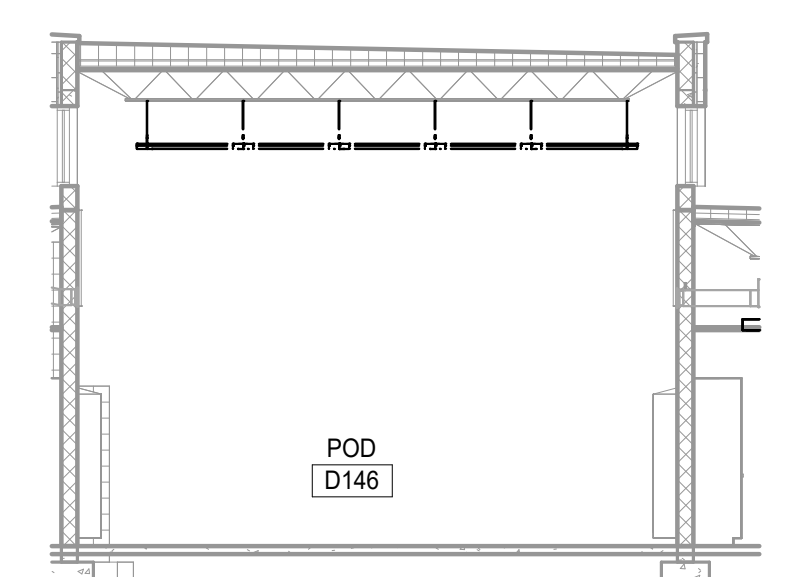
Project	number	0819.3090.24
	date	FEBRUARY 21, 2025
	revision	
	drawn	ADP checked JLU
	DATE	3-13-25
	DESCRIPTION	Addendum #2

9.30-B

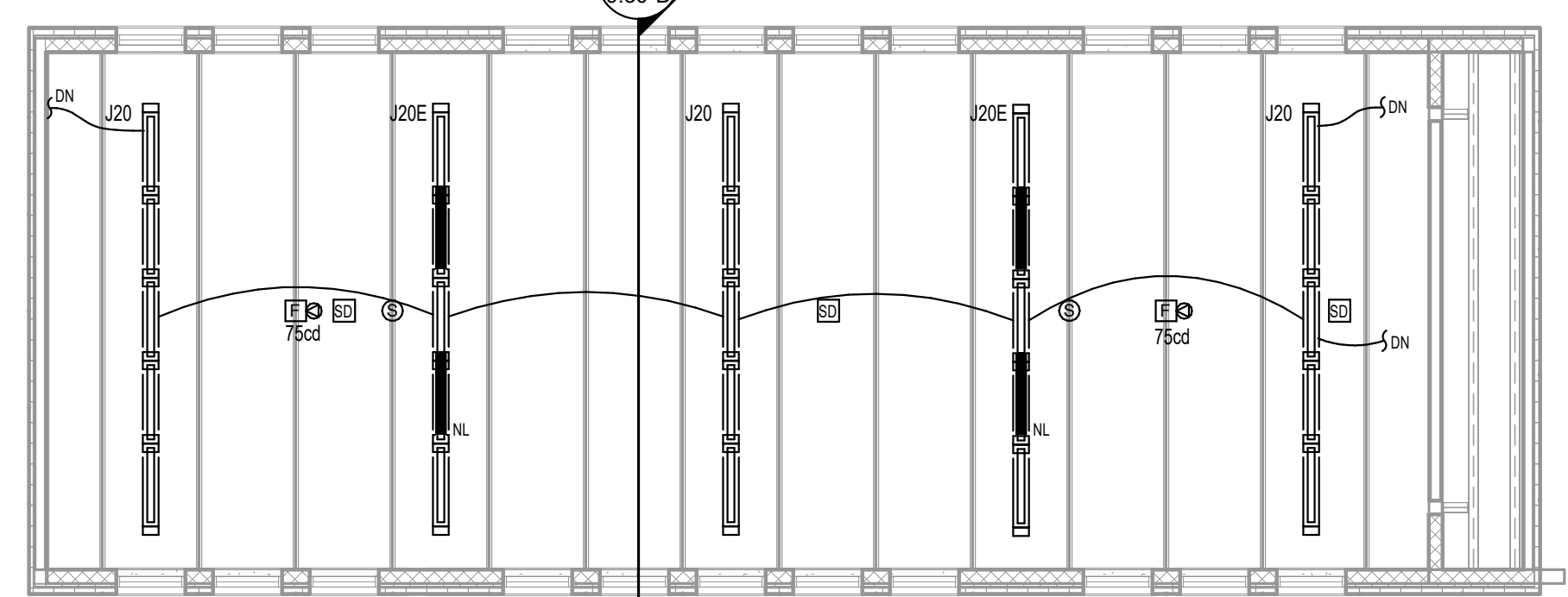


FLOOR PLAN - AREA D - LIGHTING
SCALE 0 4 8 12 16

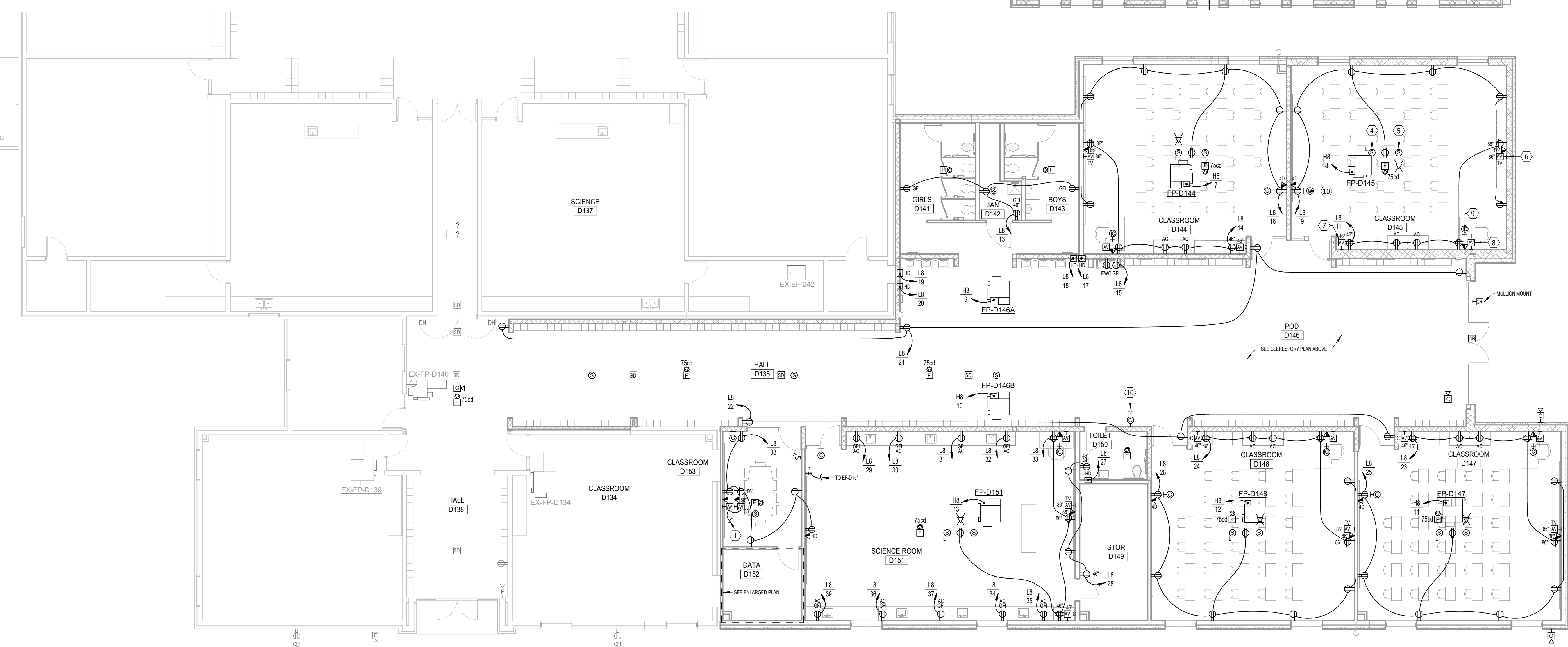
- ELECTRICAL NOTES**
1. PROVIDE 1.5" CONDUIT RACEWAY BETWEEN AV JUNCTION BOXES AND UP TO ACCESSIBLE CEILING SPACE TO ACCOMMODATE AV CABLING. PROVIDE HDMI CABLING AND OUTLET PLATES AT EACH LOCATION.
 2. MOUNT ON MULLION OR PENDANT MOUNT AT 10' AFF.
 3. CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT WITH SPARE CAPACITY.
 4. AV SOUND SYSTEM SPEAKER, TYPICAL. SEE DETAIL.
 5. PAGING INTERCOM SPEAKER, TYPICAL.
 6. AV DEVICE (PROMETHEAN BOARD), TYPICAL. SEE DETAIL.
 7. AV DEVICE (CABINET) AT 46" AFF. TYPICAL. SEE DETAIL.
 8. AV DEVICE (TEACHER), TYPICAL. SEE DETAIL.
 9. PROVIDE NEW INTERCOM STAFF STATION PHONES PER SPEC SECTION 277400. TYPICAL.
 10. PROVIDE NEW ANALOG SYNCHRONIZED WIRELESS CLOCK TO MATCH EXISTING BY SEMPLING, TYPICAL.
- GENERAL SHEET NOTES**
- A. RECEPTACLES SHALL BE TAMPER RESISTANT IN ACCORDANCE WITH THE NEC AND LOCAL CODE REQUIREMENTS. AT A MINIMUM, TAMPER RESISTANT RECEPTACLES SHALL BE PROVIDED IN ALL PUBLIC AREAS.
 - B. LIGHTING FIXTURES DENOTED "NL" INDICATE 247 NIGHTLIGHT OPERATION FOR SECURITY CONSIDERATIONS. SHADED FIXTURES ARE EMERGENCY LIGHTING FIXTURES WITH INTEGRAL BATTERY BACKUP FOR LIFE SAFETY CODE REQUIREMENTS.
 - C. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-INS FOR ACCESS CONTROL SYSTEM DEVICES (CARD READER, DOOR RELEASE, DOOR POSITION, AND REQUEST TO EXIT). COORDINATE REQUIREMENTS WITH THE OWNER'S SECURITY SYSTEM SUPPLIER AND THE DOOR HARDWARE SUPPLIER.
 - D. UNLESS OTHERWISE NOTED, TELECOMMUNICATIONS OUTLETS TO BE COMPRISED OF (2D) TWO CAT 6 DATA DROPS PER LOCATION. PROVIDE ALL CONNECTIONS AND ASSOCIATED ITEMS AS REQUIRED FOR SYSTEM INTEGRITY. SEE SPECIFICATIONS.
 - E. PROVIDE (1D) CAT 6 DATA CABLING AT EACH CAMERA LOCATION SHOWN. ROUTE TO TELECOM RACK (IDF). COORDINATE MOUNTING HEIGHTS OF CAMERAS WITH OWNER. CAMERAS FURNISHED AND INSTALLED BY OWNER.
 - F. WIRELESS ACCESS POINTS (WAP) TO HAVE (2D) CAT 6A PER LOCATION. PROVIDE CABLING AND TERMINATIONS. WAP DEVICES SUPPLIED BY OWNER. INSTALLED BY ELECTRICAL CONTRACTOR.



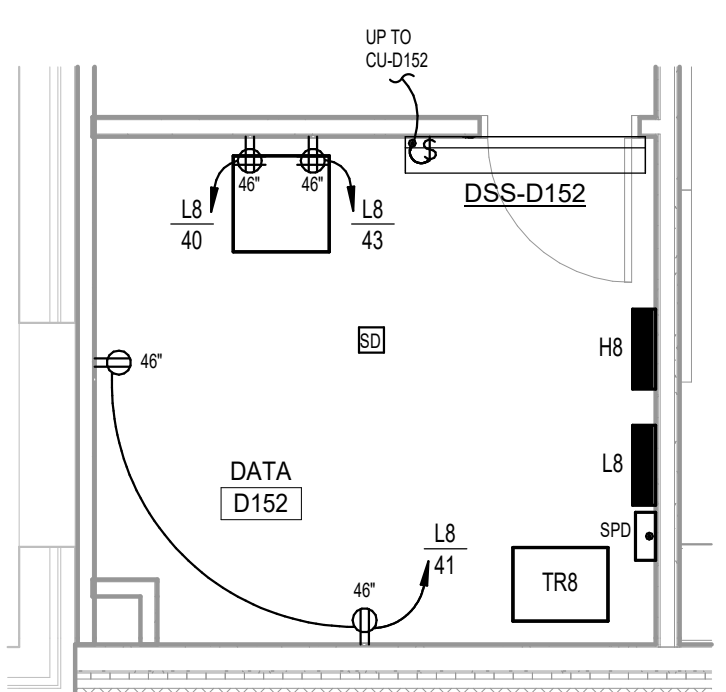
POD D146
SCALE 0 4 8 12 16



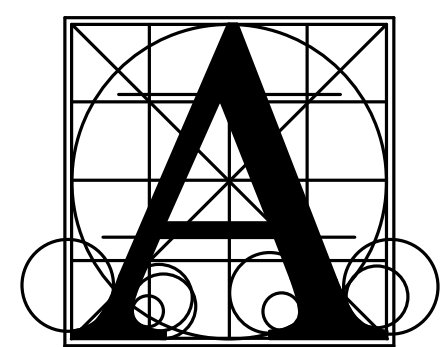
CLERESTORY PLAN - AREA D - ELECTRICAL
SCALE 0 4 8 12 16



FLOOR PLAN - AREA D - POWER & SIGNAL
SCALE 0 4 8 12 16

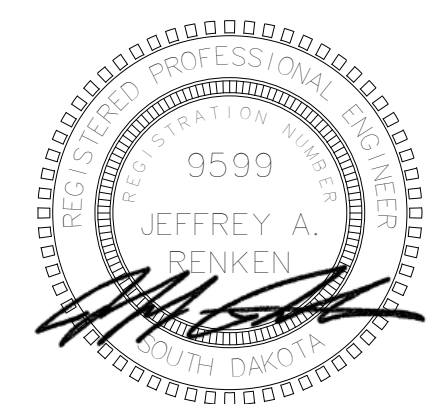


ENLARGED DATA D152 - ELECTRICAL
SCALE 0 2 4 6 8



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BRANDON VALLEY MIDDLE SCHOOL ADDITION
FLOOR PLAN - AREA D - ELECTRICAL

number	0819.3090.24
date	FEBRUARY 21, 2025
revision	
drawn	ADP checked JLU
DATE	DESCRIPTION
3-13-25	Addendum #2

9.30-D

MECHANICAL SCHEDULE FOR EXISTING RELOCATED AND NEW EQUIPMENT

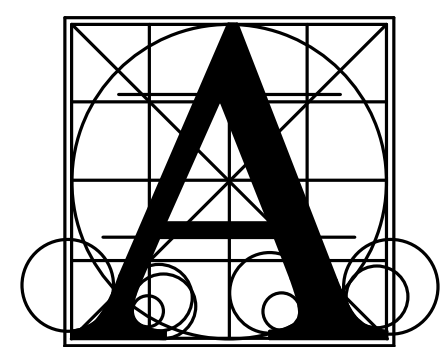
ITEM	QTY	NEW/EXIST.	RELOCATE	DESCRIPTION	VOLTS	PHASE	AMPS	KW	CONNECTION REMARKS
1	1	EXISTING	REMOVE	EXISTING WALK IN COOLER AND FREEZER	-	-	-	-	ELECTRICAL TO DISCONNECT ALL CONNECTIONS. GC TO REMOVE BOX & COND. UNITS
17	1	EXISTING	NO	KETTLE STAND	-	-	-	-	
18	1	EXISTING	NO	KETTLE, 12-GALLON, ELECTRIC	-	-	-	-	
19	1	EXISTING	NO	OVEN/STEAMER COMBINATION	-	-	-	-	
20	1	EXISTING	REMOVE	RANGE, GRATE TOP, HALF-SECTION	-	-	-	-	REMOVE UNIT
21	1	EXISTING	YES	WORKTABLE	120	1	-	-	PROVIDE TWO 20-AMP CONVENIENCE DUPLEX OUTLETS AT 48"-AFF
24	1	EXISTING	YES	WORKABLE, W/ SINK & DRAWER	120	1	-	-	PROVIDE TWO 20-AMP CONVENIENCE OUTLETS AT 48"-AFF
27	1	EXISTING	YES	REFRIGERATOR, 2-SECTION PASS-THRU, ADD CASTERS	120	1	11.4	-	
28	1	EXISTING	YES	MOBILE HOT FOOD SERVING COUNTER	208	1	22	-	VERIFY NEMA 14-30 CORD DROP RECEPTACLE
33	1	EXISTING	YES	MOBILE REFRIGERATED SERVING COUNTER WITH HOT WELL	120	1	11.5	-	CEILING DROP DOWN RECEPTACLE
34	1	EXISTING	YES	MOBILE UTILITY SERVING COUNTER	208	1	22	-	VERIFY NEMA 14-30 CORD DROP RECEPTACLE
35	1	EXISTING	YES	MOBILE HOT FOOD SERVING COUNTER	208	1	22	-	VERIFY NEMA 14-30 CORD DROP RECEPTACLE
36	1	EXISTING	YES	MOBILE UTILITY SERVING COUNTER	120	1	11.5	-	SOUTH UNIT USE EXISTING POWER, NORTH UNIT GETS NEW POWER
38	2	EXISTING	YES	MOBILE HOT CABINET	120	1	11.5	-	
40	1	EXISTING	NO	MOBILE UTILITY SERVING COUNTER	120	1	11.5	-	
45	2	EXISTING	YES	CHECK OUT TERMINALS	2 @ 120	1	6.0	-	TWO LOCATIONS, VERIFY POWER AND DATA LINE REQUIREMENTS WITH OWNER, DROP DOWN FROM ABOVE
47	-	SPARE	-	SPARE	-	-	-	-	
50	1	EXISTING	YES	DOUBLE DECK CONVECTION OVEN	-	-	-	-	
51	1	EXISTING	NO	REFRIGERATOR, 1-SECTION	2 @ 480	3	14	-	FIELD VERIFY ELECTRICAL REQUIREMENTS, DOUBLE DECK UNIT, TWO CONNECTIONS
54	1	NEW	-	WALK IN COOLER / FREEZER BOX	-	-	-	-	
54A	1	NEW	-	WALK IN COOLER, DOOR SECTION	115	1	2	-	ELECTRICAL DOWN FROM ABOVE - 2 LED LIGHTS
54B	1	NEW	-	WALK IN COOLER, BLOWER COIL	115	1	1.6	-	ELECTRICAL DOWN FROM ABOVE
54C	1	NEW	-	WALK IN COOLER, CONDENSING UNIT, ROOF TOP	208	3	5.9	-	ROOF TOP UNIT, INTER CONNECT TO BLOWER COIL AS REQUIRED
54D	1	NEW	-	WALK IN FREEZER, DOOR SECTION	115	1	3	-	ELECTRICAL DOWN FROM ABOVE - 4 LED LIGHTS
54E	1	NEW	-	WALK IN FREEZER, BLOWER COIL	2 @ 208	1	19.6	-	ELECTRICAL DOWN FROM ABOVE, PROVIDE DISCONNECT SWITCH, BY ELECTRICAL CONTRACTOR AS REQUIRED
54F	1	NEW	-	WALK IN FREEZER, BLOWER COIL DRAIN LINE HEAT TAPE	120	1	-	-	
54G	1	NEW	-	WALK IN FREEZER, CONDENSING UNIT ROOF TOP	208	3	22.8	-	ROOF TOP UNIT, INTER CONNECT TO EVAPORATOR AS REQUIRED
60	1	EXISTING	NO	EXISTING COLD FOOD COUNTER	120	1	7	-	DROP DOWN CORD FROM ABOVE
61	1	EXISTING	NO	DOUBLE DECK CONVECTION OVEN	2 @ 120	1	9.4	-	TWO ELECTRICAL CONNECTIONS AND TWO GAS CONNECTION

ELECTRICAL NOTES

- CONDENSING UNIT ON ROOF. VERIFY EXACT LOCATION WITH EQUIPMENT SUPPLIER. PROVIDE NEMA 3R NON-FUSED DISCONNECT SWITCH.
- TO PANEL LX (GENERAL ELECTRICAL AC 10KVA), CONNECT TO CIRCUIT BREAKER SPARE FROM DEMO OF FLOOR BOXES. PROVIDE NEW GFI CIRCUIT BREAKER, UNLESS OTHERWISE NOTED.
- PROVIDE WIREMOLD SURFACE MOUNT RACEWAY TO OUTLETS ON THIS WALL.
- COORDINATE CORD DROP LOCATIONS WITH OWNER AND ALL CEILING MOUNTED DEVICES.
- CONNECT DOOR HEAT TAPE.
- CONNECT DOOR HEAT TAPE, PRESSURE RELIEF PORT AND FREEZER ALARM SYSTEM. REMOTE CONTACTS ON WALK-IN FREEZER ALARM SYSTEM TO BE MONITORED BY THE BAS.
- VAPORPROOF LED LIGHTS IN WALK-IN COOL/FREEZER SHALL BE FURNISHED BY FOOD SERVICE EQUIPMENT SUBCONTRACTOR, INSTALLED AND CONNECTED BY ELECTRICAL SUBCONTRACTOR. ROUTE CONDUIT FOR CEILING LIGHT FIXTURES ABOVE WALK-IN COMPARTMENT AND SEAL ALL PENETRATIONS THROUGH PREFABRICATED PANELS.
- PROVIDE A NON-FUSED DISCONNECT SWITCH.
- PROVIDE A MANUAL MOTOR STARTER DISCONNECT SWITCH.
- TO PANEL OX (GENERAL ELECTRICAL AC 10KVA), CONNECT TO SPARE CIRCUIT PROVIDE NEW GFI CIRCUIT BREAKER, UNLESS OTHERWISE NOTED.
- PROVIDE HEAT TRACE CABLE EQUAL TO RAYCHEM GM-1XT WITH REQUIRED CONNECTION KIT, FOR ROOF DRAIN PIPING. COORDINATE LENGTH AND INSTALLATION DETAILS WITH MC.

GENERAL SHEET NOTES

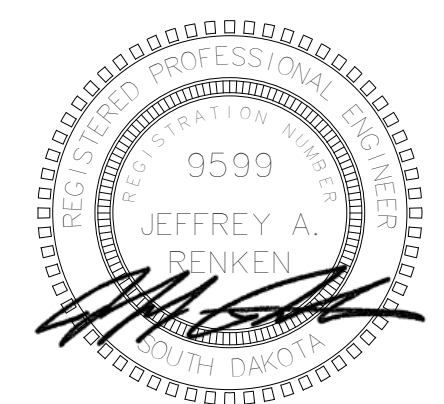
- RECEPTACLES IN THE KITCHEN, SERVERY, AND DISHWASH AREAS SHALL BE GFI OR GFI PROTECTED IN ACCORDANCE WITH THE NEC AND LOCAL CODE REQUIREMENTS. PROVIDE GFI RECEPTACLES OR GFI CIRCUIT BREAKERS FOR RECEPTACLES NOT READILY ACCESSIBLE OR AVAILABLE WITH GFI PROTECTION.
- ALL ROUGH-INS FOR FOOD SERVICE EQUIPMENT SHALL BE IN ACCORDANCE WITH APPROVED FOOD SERVICE EQUIPMENT ROUGH-IN SHOP DRAWINGS.
- ALL CONNECTIONS FOR FOOD SERVICE EQUIPMENT SHALL BE PROVIDED WITH LIQUID TIGHT FLEXIBLE CONDUIT.
- ALL ROUGH-IN REQUIREMENTS FOR EXISTING EQUIPMENT SHALL BE FIELD VERIFIED BEFORE INSTALLATION.



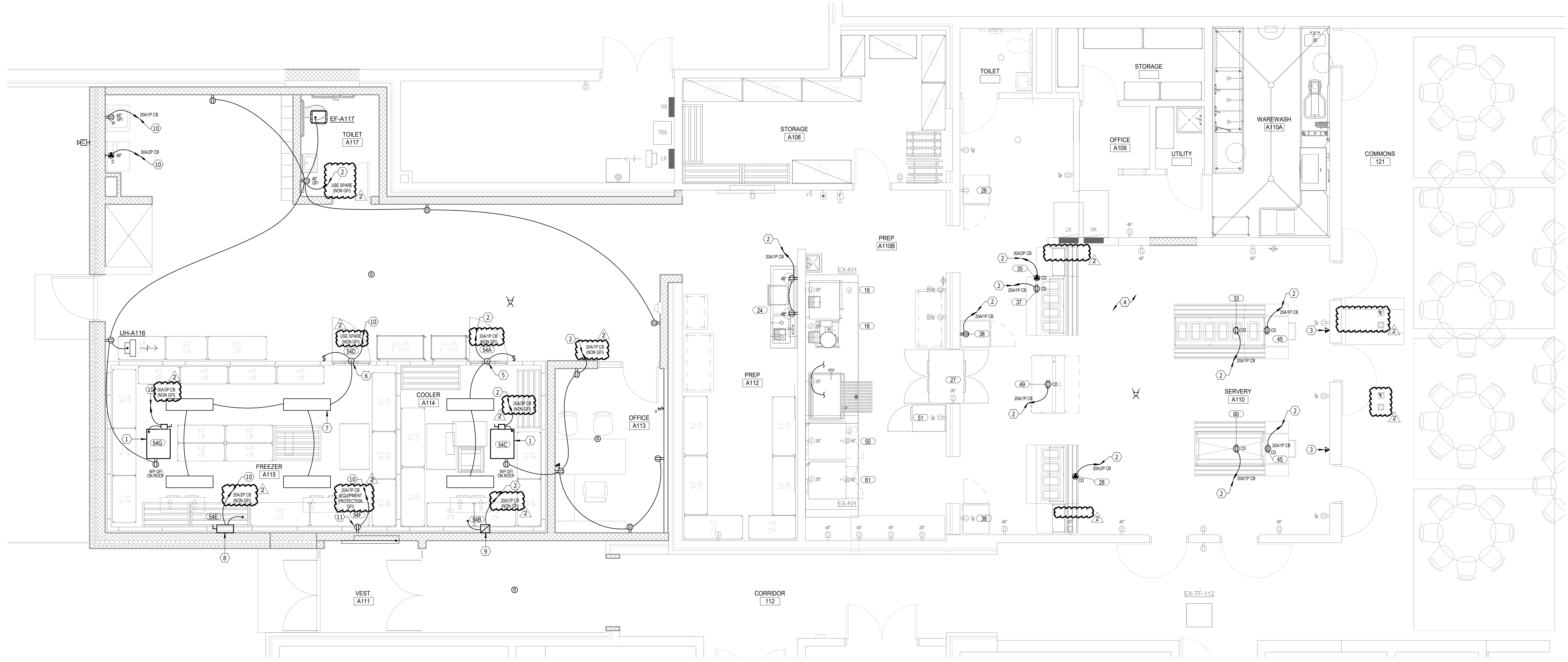
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ENLARGED FOOD SERVICE - POWER & SIGNAL
SCALE 0 2 4 6 8

BRANDON VALLEY MIDDLE SCHOOL ADDITION
ENLARGED FLOOR PLANS - ELECTRICAL

number	0619.3090.24
date	FEBRUARY 21, 2025
revision	
drawn	ADP checked JLU
DATE	DESCRIPTION
3-6-25	Addendum #1
3-13-25	Addendum #2

9.40

PANELBOARD: H6 (EXISTING TO REMAIN) LOCATION: AREA B ELEC RM MOUNTING: SURFACE NEMA 1 MAIN DEVICE: 250 A MLO BUS AMPS: 250 AMPS VOLTAGE: 480Y/277 V, 3 ø 4 W A.I.C. RATING: 14,000 AMPS SYMMETRICAL SPECIAL: EXISTING TO REMAIN

LOAD DESCRIPTION	BKR	POLES	CKT	PHASE A kVA	PHASE B kVA	PHASE C kVA	CKT	POLES	BKR	LOAD DESCRIPTION	
LITES STORAGE & CLASS	20	1	3	2.5	1.4		2	1	15	MOTORS FP-B129	
LITES HALL	20	1	3		2.0	1.4		4	1	15	MOTORS FP-B131A
LITES CONF. & CLASS	20	1	5		2.5	1.4		6	1	20	MOTORS FP-B133
* LITES DATA B125	20	1	7	2.4	18.6		8	3	100	MOTORS RTU-9 *	
* LITES HALL B118	20	1	9		1.1	18.6		10			
* LITES GIRLS B136	20	1	11		1.7	18.6	12				
* MOTORS FP-B126	15	1	13	1.4	1.4		14	1	20	MOTORS FP-B131B *	
* MOTORS FP-B130	15	1	15		1.4	1.4		16	1	20	MOTORS FP-B132 *
BLANK			17					18	1		BLANK
Spare	30	3	19	0.0	8.1		20	3	50	A	PANEL "L1" VIA "TR1"
			21		0.0	8.7		22			
			23					24			
VAV: FP-B114, B119, B120	20	1	25	4.0	6.9		26	3	50	A	PANEL "L6" VIA "TR6"
SPARE	20	1	27		2.0	6.0		28			
SPARE	30	1	29		2.0	6.6	30				
TOTAL LOAD:				45 kVA	41 kVA	41 kVA					
CONNECTED	22319 VA			72.40%		16160 VA					
DEMAND											
ESTIMATED											
PANEL TOTALS											
RCPT	69726 VA			100.00%		69726 VA					CONNECTED LOAD: 126043 VA
MOTORS	5236 VA			125.00%		6545 VA					ESTIMATED DEMAND: 121233 VA
LITES	0 VA			0.00%		0 VA					CONNECTED CURRENT: 152 A
SPEC											EST. DEMAND CURRENT: 146 A

NOTES:
1. EXISTING GENERAL ELECTRIC AE TYPE PANEL.
2. INDICATES TO PROVIDE A NEW CIRCUIT BREAKER.

PANELBOARD: L6 (EXISTING TO REMAIN) LOCATION: AREA B ELEC RM MOUNTING: SURFACE NEMA 1 MAIN DEVICE: 100 A MAIN CB BUS AMPS: 100 AMPS VOLTAGE: 208Y/120 V, 3 ø 4 W A.I.C. RATING: 10,000 AMPS SYMMETRICAL SPECIAL: EXISTING TO REMAIN

LOAD DESCRIPTION	BKR	POLES	CKT	PHASE A kVA	PHASE B kVA	PHASE C kVA	CKT	POLES	BKR	LOAD DESCRIPTION		
RCPT ELEC	20	1	1	1.0	1.0		2	1	20	A	SPARE	
RCPT TR. AND STORAGE	20	1	3		0.6	1.0		4	1	20	A	SPARE
RCPT CONFERENCE RM	20	1	5			1.2	1.0	6	1	20	A	SPARE
RCPT CLASSROOM	20	1	7	1.4	1.4		8	1	20	A	RCPT CLASSROOM	
RCPT CLASSROOM	20	1	9		1.2	1.2		10	1	20	A	RCPT CLASSROOM
RCPT CLASSROOM	20	1	11		1.2	1.2		12	1	20	A	RCPT CLASSROOM
BLANK			13					14	1		BLANK	
BLANK			15					16	1		BLANK	
BLANK			17					18	1		BLANK	
BLANK			19					20	1		BLANK	
BLANK			21					22	1		BLANK	
BLANK			23					24	1		BLANK	
EF-B117	20	1	25	0.6	1.5		26	1	20	A	SCOREBOARD	
SPARE	20	1	27		1.0	1.0		28	1	20	A	SPARE
SPARE	20	1	29		1.0	1.0		30	1	20	A	SPARE
TOTAL LOAD:				7 kVA	6 kVA	7 kVA						
CONNECTED	22319 VA			72.40%		16160 VA						
DEMAND												
ESTIMATED												
PANEL TOTALS												
RCPT	69726 VA			100.00%		69726 VA					CONNECTED LOAD: 19500 VA	
MOTORS	5236 VA			125.00%		6545 VA					ESTIMATED DEMAND: 19500 VA	
LITES	0 VA			0.00%		0 VA					CONNECTED CURRENT: 54 A	
SPEC											EST. DEMAND CURRENT: 54 A	

NOTES:
1. EXISTING GENERAL ELECTRIC AO TYPE PANEL.
2. INDICATES TO PROVIDE A NEW CIRCUIT BREAKER.

BRANDON MIDDLE SCHOOL, BRANDON SD ACEI Project No: 124056

TYPE	MFR	NUMBER	LAMPS	VOLTS	DESCRIPTION	NOTES
A	COLUMBIA METALUX	CPX-2X4-AL08-SWW7	LED/4000K	120-277	LED, 2X4 RECESSED FLAT PANEL, BACKLIT, SELECTABLE LUMENS AND COLOR TEMP. SET TO 4300 LUMENS/40K.	
AE	COLUMBIA METALUX	CPX-2X4-AL08-SWW7-IE10WCP	LED/4000K	120-277	SAME AS TYPE "A" EXCEPT EMERGENCY BACKUP.	
A1	COLUMBIA METALUX	CPX-2X4-AL08-SWW7	LED/4000K	120-277	SAME AS TYPE "A" EXCEPT APPROXIMATELY 4800 LUMENS.	
A1E	COLUMBIA METALUX	CPX-2X4-AL08-SWW7-IE10WCP	LED/4000K	120-277	SAME AS TYPE "A1" EXCEPT EMERGENCY BACKUP.	
A2	COLUMBIA METALUX	CPX-2X4-AL08-SWW7	LED/4000K	120-277	SAME AS TYPE "A" EXCEPT APPROXIMATELY 5400 LUMENS.	
A2E	COLUMBIA METALUX	CPX-2X4-AL08-SWW7-IE10WCP	LED/4000K	120-277	SAME AS TYPE "A2" EXCEPT EMERGENCY BACKUP.	
A3	COLUMBIA METALUX	CPX-2X2-AL07-SWW7	LED/4000K	120-277	LED, 2X2 RECESSED FLAT PANEL, DIFFUSE LENS, APPROXIMATELY 3800 LUMENS.	
A3E	COLUMBIA METALUX	CPX-2X2-AL07-SWW7-IE10WCP	LED/4000K	120-277	SAME AS TYPE "A3" EXCEPT EMERGENCY BACKUP.	
D	WILLIAMS DAY-BRITE LITHONIA	FSI-4-55L-840-UNV-DIM-DACH100	LED/4000K	120-277	LED, INDUSTRIAL FIXTURE, ADJUSTABLE CABLE HUNG, DIFFUSE LENS, APPROXIMATELY 5300 LUMENS.	1
DE	WILLIAMS DAY-BRITE LITHONIA	FSI-4-55L-840-UNV-DIM-DACH100-EM-LED	LED/4000K	120-277	SAME AS TYPE "D" EXCEPT EMERGENCY BACKUP.	1
E	SURE-LITES DUAL-LITE LITHONIA	SESRBNE-I	INCLUDED	120-277	LED EXIT LIGHT, SINGLE STENCIL FACE, RED LETTERS, BLACK HOUSING WITH BRUSHED ALUMINUM FACE, SELF-TESTING SELF-DIAGNOSTIC ELECTRONICS, DIRECTIONAL ARROWS AND MOUNTING AS INDICATED.	
E1	SURE-LITES DUAL-LITE LITHONIA	SESRBNE-I	INCLUDED	120-277	SAME AS TYPE E EXCEPT DOUBLE FACE.	
E2	CURRENT LTG	CU2/L-SD	INCLUDED	120-277	LED EMERGENCY LIGHTING UNIT, WHITE HOUSING, TWO ADJUSTABLE AIMING HEADS, SELF-TESTING/DIAGNOSTICS, 550 LUMENS (MIN. 50° C.C. SPACING WHEN MOUNTED AT 7'5" AFF. LED EXIT EMERGENCY TAVERN UNIT, SINGLE BRUSHED ALUMINUM FACE, BLACK HOUSING, DIRECTIONAL ARROWS AND MOUNTING AS INDICATED, SELF-TESTING/DIAGNOSTICS, HIGH OUTPUT LAMPS (MIN. 80° C.C. SPACING WHEN MOUNTED AT 8'AFF).	
E3	EMERG-LITE	BPR-612M-1R-2-LB-ADNA-BA	INCLUDED	120-277	SAME AS TYPE "E3" EXCEPT REMOTE CAPACITY.	2
E4	EMERG-LITE	BPR-624M-1R-2-LB-ADNA-BA	INCLUDED	120-277	SAME AS TYPE "E3" EXCEPT REMOTE CAPACITY.	2
E5	EMERG-LITE	BZ-LUX-DC	INCLUDED	DC	LED ARCHITECTURAL, LOW PROFILE, EXTERIOR WALL MOUNTED REMOTE LUMINAIRE, BRONZE FINISH, CONNECT TO INTERIOR EMERGENCY LUMINAIRE, MINIMUM OF 400 LUMENS.	
E6	EMERG-LITE	BZ-LUX-SD-CW	LED/5000K	120-277	LED ARCHITECTURAL, LOW PROFILE, EXTERIOR WALL MOUNTED EMERGENCY LUMINAIRE, BRONZE FINISH, COLD WEATHER OPTION, MINIMUM OF 400 LUMENS.	
HC	GOTHAM	IV04S-D-15LM-40K-80CRI-MMD-MIN10-MVOLT-ZT-ICAT-P-AR-LSS	LED/4000K	120-277	LED, RECESSED LOW PROFILE ROUND DOWNLIGHT, AIR-TIGHT AND IC RATED, APPROXIMATELY 1500 LUMENS.	
J#	LEDALITE PEERLESS ALERA	7726-LBAVA-XG-DE-W-S	LED/4000K	120-277	LED, SUSPENDED LINEAR DIRECT/INDIRECT, SCULPTED ENDCAPS, APPROXIMATELY 6700 LUMENS PER 4'	3
J#E	LEDALITE CORELITE	7726-LBAVA-XG-DE-W-S	LED/4000K	120-277	SAME AS TYPE "J#E" EXCEPT EMERGENCY BACKUP (1400 LUMENS) WHERE SHOWN ON PLANS.	3.4
M	PRESOCLITE DAY-BRITE LITHONIA	FBX24LL40-UNV-LFAW-FBX-2W/FBX-GRIP10	LED/4000K	120-277	LED HIGH BAY, 0-10V DIMMING DOWN TO 1%, APPROXIMATELY 24,000 LUMENS	
ME	DAY-BRITE LITHONIA	FBX24LL40-UNV-EM-LED-LFAW-FBX-2W/CPHB 24000LM SEF GCL MD MVOLT G210 40K 80CRI IE20WCPE WGX DWH	LED/4000K	120-277	SAME AS TYPE "M" EXCEPT EMERGENCY BACKUP (MINIMUM OF 3500 LUMENS).	
V	LITHONIA PACO	BLWP4-60L-PDSM-MVOLT-G210-LP840-TRS-BAA-PAF	LED/4000K	120-277	LED, 8"x4" SURFACE MOUNT SEALED, VANDAL RESISTANT LUMINAIRE, APPROXIMATELY 6000 LUMENS.	
VE	LITHONIA PACO	BLWP4-60L-PDSM-MVOLT-G210-LP840-TRS-BAA-PAF-EZ10W/CP	LED/4000K	120-277	SAME AS TYPE "V" EXCEPT 10 WATT EMERGENCY BACKUP.	
Y	LITHONIA	DSWX1-LED-20C-530-40K-T3M-MVOLT-DOBXD	LED/4000K	120-277	LED, EXTERIOR WALL MOUNTED FIXTURE, DARK BRONZE FINISH, APPROXIMATELY 4300 LUMENS, TYPE 3 DISTRIBUTION.	
Y1	LITHONIA	DSWX1-LED-20C-700-40K-T3M-MVOLT-DOBXD	LED/4000K	120-277	SAME AS TYPE "Y" EXCEPT APPROXIMATELY 5400 LUMENS.	
Y2	LITHONIA	DSWX1-LED-20C-1000-40K-T2M-MVOLT-DOBXD	LED/4000K	120-277	SAME AS TYPE "Y" EXCEPT 7300 LUMENS AND TYPE 2 DISTRIBUTION.	
AA	KIM LITHONIA NLS LIGHTING	RSX1-LED-P3-40K-RX-MVOLT-RPA-DOBXD and SSS-25-4-5B-DM28AS-VV-DOBXD POLE.	LED/4000K	120-277	LED, EXTERIOR SITE LIGHTING UNIT, 2" SQUARE STRAIGHT STEEL POLE, VIBRATION DAMPENER, 25 LUMINAIRES AT 180 DEGREES, APPROXIMATELY 14,000 LUMENS.	5

PANELBOARD: H8 LOCATION: DATA D152 MOUNTING: SURFACE NEMA 1 MAIN DEVICE: 250 A MLO BUS AMPS: 250 AMPS VOLTAGE: 480Y/277 V, 3 ø 4 W A.I.C. RATING: 25,000 AMPS SYMMETRICAL SPECIAL: RELOCATED SALVAGED PANEL

LOAD DESCRIPTION	BKR	POLES	CKT	PHASE A kVA	PHASE B kVA	PHASE C kVA	CKT	POLES	BKR	LOAD DESCRIPTION		
LITES STORAGE & CLASS	20	1	3	2.5	1.4		2	1	20	A	LITES DATA D152	
LITES HALL	20	1	3		2.0	1.1		4	1	20	A	LITES HALL LKR A108B
LITES CONF. & CLASS	20	1	5		2.5	1.7		6	1	20	A	LITES GIRLS D141
MOTORS FP-D144 *	15	1	7	1.4	1.4		8	1	15	A	MOTORS FP-D145 *	
MOTORS FP-D146 *	15	1	9		1.4	1.4		10	1	15	A	MOTORS FP-D146 *
MOTORS FP-D147 *	15	1	11		1.4	1.4		12	1	15	A	MOTORS FP-D148 *
MOTORS FP-D151 *	15	1	13	18.6			14	3	100	A	MOTORS RTU-10 *	
LITES PARKING LOT	20	1	15		0.6	18.6		16				
BLANK			17					18				
SPARE	20	3	19	0.0	0.0		20	3	50	A	SPARE	
			21		0.0	0.0		22				
			23					24				
VAV: FP-D134, D139, D140	20	1	25	4.0	12.4		26	3	90	A	PANEL "L6" VIA "TR-6" *	
SPARE	20	1	27		2.0	12.3		28				
SPARE	20	1	29		2.0	12.1	30					
TOTAL LOAD:				42 kVA	38 kVA	38 kVA						
CONNECTED	22024 VA			72.70%		16012 VA						
DEMAND												
ESTIMATED												
PANEL TOTALS												
RCPT	69558 VA			100.00%		69558 VA					CONNECTED LOAD: 118101 VA	
MOTORS	5757 VA			125.00%		7197 VA					ESTIMATED DEMAND: 113644 VA	
LITES	0 VA			0.00%		0 VA					CONNECTED CURRENT: 142 A	
SPEC											EST. DEMAND CURRENT: 137 A	

NOTES:
1. RELOCATE TO DATA ROOM D152.
2. INDICATES TO PROVIDE A NEW CIRCUIT BREAKER (GENERAL ELECTRIC AE).

PANELBOARD: L12 (EXISTING PANEL L8) (RELOCATE & RENAME) LOCATION: ELECTRICAL A101 MOUNTING: SURFACE NEMA 1 MAIN DEVICE: 100 A MAIN CB BUS AMPS: 100 AMPS VOLTAGE: 208Y/120 V, 3 ø 4 W A.I.C. RATING: 10,000 AMPS SYMMETRICAL SPECIAL: RELOCATED SALVAGED PANEL

LOAD DESCRIPTION	BKR	POLES	CKT	PHASE A kVA	PHASE B kVA	PHASE C kVA	CKT	POLES	BKR	LOAD DESCRIPTION		
RCPT ELECTRICAL A101	20	1	1	0.4	0.4		2	1	20	A	RCPT ELECTRICAL A101	
RCPT BOYS LKR A108A	20	1	3		0.7	0.7		4	1	20	A	RCPT GIRLS LKR A108B
RCPT MULTIPURP. A107	20	1	5			0.7	0.9	6	1	20	A	RCPT STORAGE A107A
RCPT STORAGE A107A	20	1	7	0.5	0.7		8	1	20	A	RCPT MULTIPURP. A107	
MOTORS EF-A106 *	15	1	9		1.2	0.2		10	1	20	A	RCPT ON ROOF
MOTORS EF-B126 *	15	1	11			0.6	0.5	12	1	20	A	BLANK
SPARE	20	1	13	0.0	--	--		14	1	20	A	BLANK
BLANK			15		--	--		16	1	20	A	BLANK
BLANK			17		--	--		18	1	20	A	BLANK
BLANK			19	--	0.0	--		20	3	60	A	SURGE SUPPRESSION *
BLANK			21	--	0.0	--		22	--	--		
BLANK			23	--	0.0	--		24	--	--		
SPARE	20	1	25	0.0	0.0		26	1	20	A	SPARE	
SPARE	20	1	27		0.0	0.0		28	1	20	A	SPARE
SPARE	20	1	29		0.0	0.0		30	1	20	A	SPARE
TOTAL LOAD:				2 kVA	3 kVA	3 kVA						
CONNECTED	6205 VA			100.00%		6205 VA						
DEMAND												
ESTIMATED												
PANEL TOTALS												
RCPT	6205 VA			100.00%		6205 VA					CONNECTED LOAD: 7241 VA	
MOTORS	1176 VA			100.00%		1176 VA					ESTIMATED DEMAND: 7241 VA	
SPEC	0 VA			0.00%		0 VA					CONNECTED CURRENT: 20 A	
											EST. DEMAND CURRENT: 20 A	

NOTES:
1. EXISTING PANEL L8, RELOCATE TO ELECTRICAL ROOM A101 AND RELABEL AS PANEL L12.
2. INDICATES PROVIDE NEW CIRCUIT BREAKER (GENERAL ELECTRIC AQ).

PANELBOARD: L8 LOCATION: DATA D152 MOUNTING: SURFACE NEMA 1 MAIN DEVICE: 125 A MAIN CB BUS AMPS: 125 AMPS VOLTAGE: 208Y/120 V, 3 ø 4 W A.I.C. RATING: 10,000 AMPS SYMMETRICAL SPECIAL: NEW PANEL

LOAD DESCRIPTION	BKR	POLES	CKT	A	B	C	CKT	POLES	BKR	LOAD DESCRIPTION		
* RCPT EWC	20	1	1	1.0	1.4		2	1	20	A	RCPT CLASSROOM D134 *	
* RCPT TR. AND...	20	1	3		0.6	1.2		4	1	20	A	RCPT CLASSROOM D134 *
* RCPT CONF. RM. D140	20	1	5			1.2	1.2	6	1	20	A	RCPT CLASSROOM D134 *
* RCPT EF-D137	20	1	7	0.6	1.4		8	1	20	A	RCPT CLASSROOM D139 *</	