

**Addendum No. 1**  
**March 6, 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

Prebid: **3:45 p.m. (local time)**  
Meeting **Wednesday, March 12, 2025**  
Brandon Valley Middle School  
700 East Holly Blvd  
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) PRE-BID MEETING
  - a) A Pre-Bid meeting will be held on site on **Wednesday, March 12 at 3:45 p.m. (local time)**.
- 2) SECTION 012100 – ALLOWANCES
  - a) Replace Article 3.3.A. with the following:
    - A. **Allowance No. 1:** *The General Contractor shall include an allowance of \$108,520 for the temperature control system to be provided by G & R Controls for the **Base Bid** work (only), as specified and noted on the mechanical drawings and specifications.*
  - b) Add Article 3.3.B. as follows:
    - B. **Allowance No. 1A:** *The General Contractor shall include a separate allowance of \$11,815 for the temperature control system to be provided by G & R Controls for the work associated with **ADD Alternate No. 1**, as specified and noted on the mechanical drawings and specifications. This allowance amount shall be included in the Contractor's cost of ADD Alternate No. 1. This allowance amount shall not be included in the Contractor's Base Bid.*

- 3) SECTION 114000 - FOOD SERVICE EQUIPMENT
  - a) Food Service Equipment Item #52 – All shelving for Cooler and Freezer to be Metro NK3 Series with 74” NK3 posts sizes per plan.
- 4) SECTION 123216 - MANUFACTURED PLASTIC-LAMINATE-FACED CASEWORK
  - a) CLARIFICATION: Toe kicks to be field constructed.
  - b) CLARIFICATION: Science Rods and Cross Bars are to be provided at teacher island in Science rooms.
- 5) SHEET 4.10B – FLOOR PLAN – AREA B
  - a) The east wall of Storage 163 shall be in-filled with 8” CMU where the existing louver is removed.
    - i) Reference *revised* Sheet 4.10B, dated 3-6-2025, attached to the end of this addendum.
    - ii) See Mechanical Demo Plan (Sheet 8.23) for location of louver to be removed.
- 6) SHEET 4.10D – FLOOR PLAN – AREA D
  - a) The east wall of Storage 241 shall be in-filled with 8” CMU where the existing louver is removed.
    - i) Reference *revised* Sheet 4.10D, dated 3-6-2025, attached to the end of this addendum.
    - ii) See Mechanical Demo Plan (Sheet 8.23) for location of louver to be removed.
- 7) SHEET 5.12 – WINDOW/STOREFRONT ELEVATIONS AND DETAILS
  - a) CLARIFICATION: All exterior aluminum windows (Type A, B and C) shall have solid surface window sills per details 6/5.12, 9/5.12 and 12/5.12.
  - b) Reference *revised* Sheet 5.12, dated 3-6-2025, attached to the end of this addendum for following modifications:
    - i) Added **Window Schedule**.
    - ii) Added jamb detail reference for storefronts 1/5.12, 2/5.12 and 3/5.12.
    - iii) Head Detail 10/5.12: Single Score Burnished CMU note has been changed to “Exterior Finish Insulation System”.
    - iv) Added clerestory window (Type D) jamb detail 16/5.12.
- 8) SHEET 5.50 – ROOF PLAN
  - a) Cut and patch a portion of existing roof where new relief hoods RH-1 and RH-2 will be installed. Reference mechanical drawings Sheet 8.52 and Sheet 8.53.
- 9) SHEET 11.11 – FOOD SERVICE EQUIPMENT SCHEDULE
  - a) Reference *revised* food service drawing Sheet 11.11, revision dated 3-6-2025, attached to the end of this addendum for following Food Service Equipment Schedule modifications:
    - i) Item #28 - Mobile hot food serving counter: Unit shall be provided with drop down cord from above for power in lieu of wall receptacle.
    - ii) Item #33 is to be new and is to be provided by FSEC.

- iii) Item #35 – Mobile hot food serving counter: Unit shall be provided with drop down cord from above for power in lieu of wall receptacle. Item #35 is also to be new and shall be provided by FSEC.
- iv) Item #36 – Mobile serving counter has been added to the schedule; does not require power.
- v) Item #40 – Mobile utility serving counter has been added to the schedule; does not require power.

**MECHANICAL ITEMS:**

- 1) SHEET 8.60 – PLUMBING FIXTURE SCHEDULE
  - a) Substitute Zurn flush valves for the Sloan valves previously noted. Refer to *revised* drawing Sheet 8.60, revision dated 3-6-2025, attached to the end of this addendum.

**ELECTRICAL ITEMS:**

- 1) SHEET 9.10 – SITE DEMOLITION PLAN – ELECTRICAL
  - a) Add Electrical Note #4 that reads “EXISTING UNDERGROUND JUNCTION BOX TO BE DEMOLISHED.”.
  - b) Add Electrical Note #5 that reads “DEMO POLE BASE AND REPLACE WITH NEW. POLE BASE TO MATCH EXISTING. REMOVE AND REINSTALL POLE AND LIGHTING UNIT.”.
  - c) Reference *revised* electrical drawing Sheet 9.10, revision dated 3-6-2025, attached to the end of this addendum for additional details associated with the pole lights.
- 2) SHEET 9.11 - SITE PLAN - ELECTRICAL
  - a) Add Electrical Note #5 that reads “DEMO POLE BASE AND REPLACE WITH NEW. POLE BASE TO MATCH EXISTING. REMOVE AND REINSTALL POLE AND LIGHTING UNIT.”.
  - b) Add Electrical Note #6 that reads “PROVIDE NEW HOMERUN TO PANEL H5 (#10). RECONNECT TO SAME CIRCUIT AND CONTROLS AS WAS ORIGINALLY CONNECTED AT REMOVED UNDERGROUND JUNCTION BOX”.
  - c) Reference *revised* electrical drawing Sheet 9.11, revision dated 3-6-2025, attached to the end of this addendum for additional details associated with the pole lights.
- 3) SHEET 9.20 – FIRST FLOOR DEMOLITION PLAN – AREA A1 & A2 ELECTRICAL
  - a) Reference *revised* electrical drawing Sheet 9.20, revision dated 3-6-2025, attached to the end of this addendum for revised locations of Panel H10, VFD and 2 combo starters.
- 4) SHEET 9.21 – FIRST FLOOR DEMOLITION PLAN – AREA A1 & A2 ELECTRICAL
  - a) Add Electrical Note #8 that reads “DEMO EXISTING ELECTRICAL DEVICES IN THIS LOCATION AS REQUIRED TO ALLOW FOR INSTALLATION OF NEW DOOR.”.
  - b) Reference *revised* electrical drawing drawing Sheet 9.21, revision dated 3-6-2025 attached to the end of this addendum for additional details associated with demo near the Servedy.

- 5) SHEET 9.30 – OVERALL FLOOR PLAN – ELECTRICAL
- a) Reference *revised* electrical drawing Sheet 9.30, revision dated 3-6-2025, attached to the end of this addendum for following modifications:
- i) Modify electrical note #3 to include qty (2) admin telephones.
- ii) Add Electrical Note #9 that reads “PROVIDE A FIRE ALARM MANUAL PULL STATION AT FIRE ALARM CONTROL PANEL LOCATION.”.
- 6) SHEET 9.40 – ENLARGED FLOOR PLANS – ELECTRICAL
- a) Reference *revised* electrical drawing Sheet 9.40, revision dated 3-6-2025 attached to the end of this addendum for miscellaneous modifications.
- 7) SHEET 9.52 – ELECTRICAL SCHEDULES
- a) Reference *revised* electrical drawing Sheet 9.52, revision dated 3-6-2025 attached to the end of this addendum for miscellaneous panelboard schedule modifications.

**GENERAL APPROVALS:**

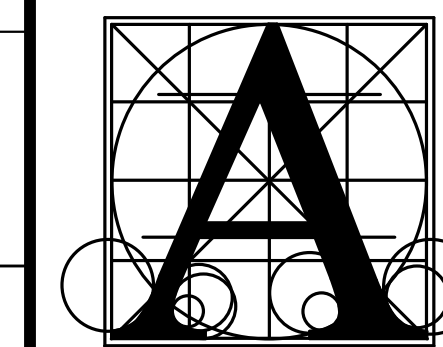
The following material or equipment furnished by the manufacturers listed, may be substituted as equivalent providing that each item, material, and piece of equipment conforms to the design and requirement of the specifications.

<u>SECTION</u>	<u>ITEM</u>	<u>MANUFACTURER</u>
085113	Aluminum Windows	<i>Signature Series – 5” Lap</i> Oldcastle Building Envelope
088000	Tempered Glass	Oldcastle Building Envelope
088000	Laminated Glass	Oldcastle Building Envelope
088000	Insulating Glass	Oldcastle Building Envelope
099113	Exterior Painting	Diamond Vogel
265119	LED Lighting	
	Type A/A1/A2/A3/AE	Elite
	Type E1/E2	ABB
	Type HC	Alphabet
	Type Y/Y1/Y2	NLS Lighting

**END OF ADDENDUM No. 1**

GENERAL NOTES - FLOOR PLAN

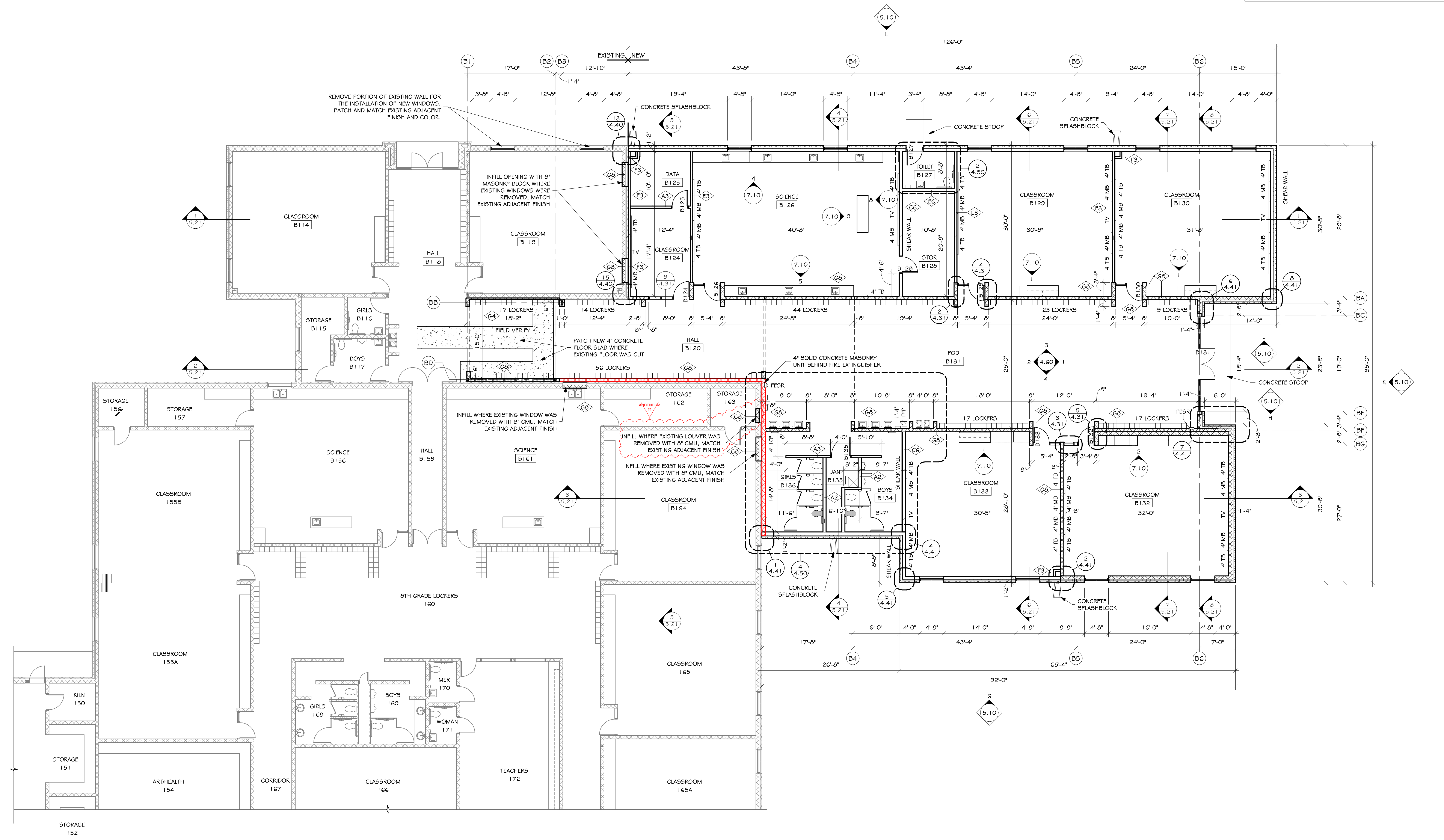
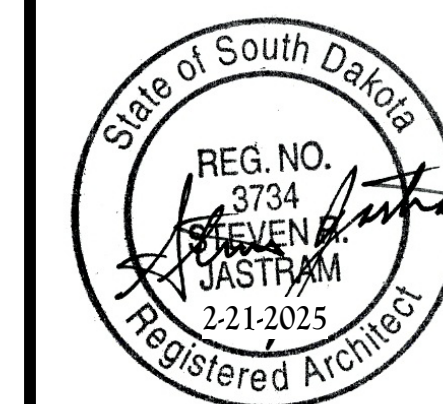
- A. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE. REPORT DISCREPANCIES TO THE ARCHITECT.
- B. REFER TO SHEET 1-10 FOR WALL TYPES.
- C. BURNISHED BLOCK TO HAVE BULLNOSE AT LOCATIONS NOTED.
- D. WHERE WALLS WERE REMOVED, PATCH EXISTING WALL TO MATCH ADJACENT SURFACE AND TOUCH UP PAINT (TYPICAL).



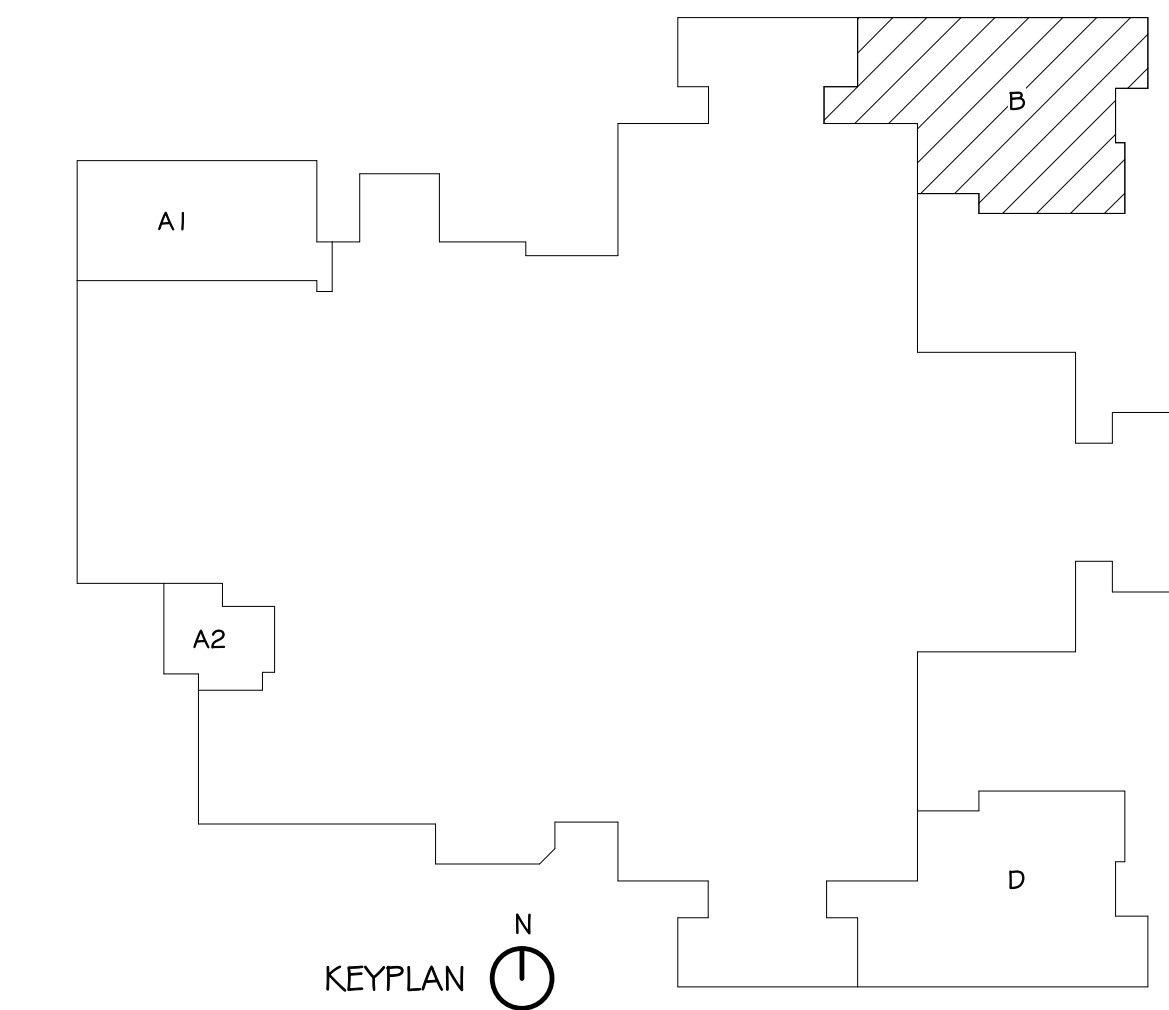
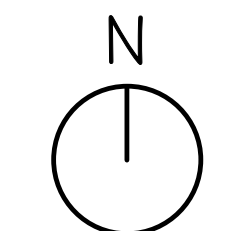
Architecture Incorporated

415 South Main Avenue  
P.O. Box 2140  
Sioux Falls, South Dakota 57101  
Phone: (605) 339-1711

815 St Joseph Street, Suite 203  
Rapid City, South Dakota 57701  
Phone: (605) 721-1158



FLOOR PLAN - AREA B  
SCALE: 1/8" = 1'-0"



KEYPLAN

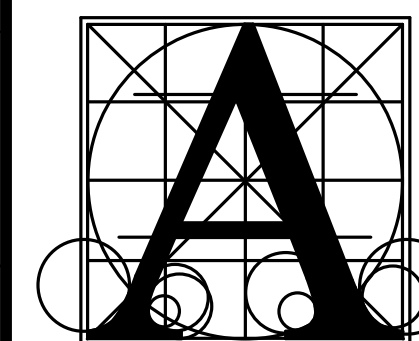
BRANDON VALLEY MIDDLE SCHOOL ADDITION  
FLOOR PLAN - AREA B

Project Number	0619.3090.24
Date	FEBRUARY 21, 2025
Revision	
Drawn	M5 checked SRJ
Date	3-6-2025
Description	ADDENDUM #1

4.10B

GENERAL NOTES - FLOOR PLAN

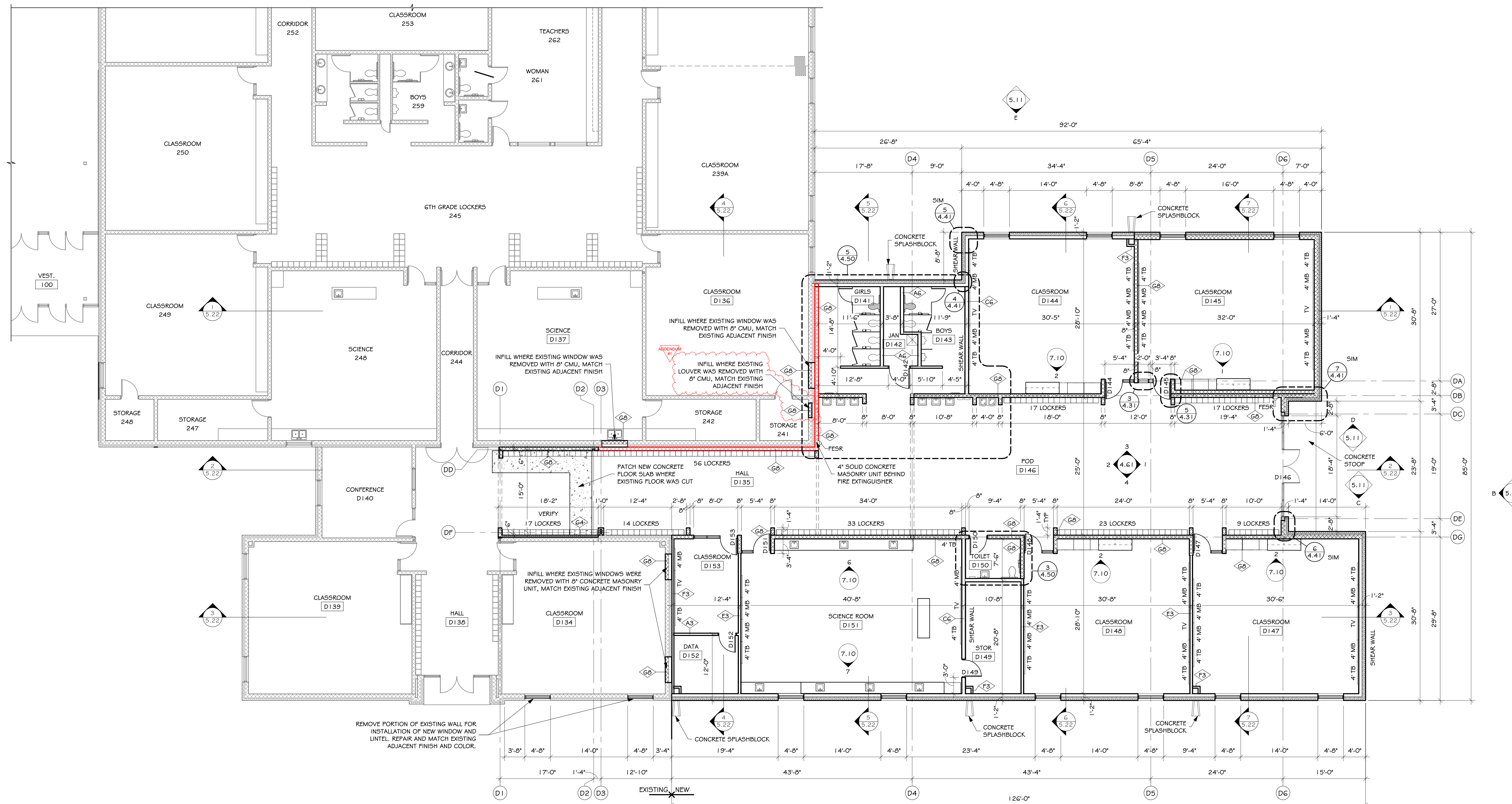
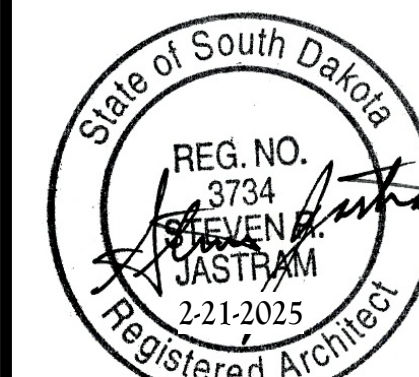
- A. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE. REPORT DISCREPANCIES TO THE ARCHITECT.
- B. REFER TO SHEET 1-10 FOR WALL TYPES.
- C. BURNISHED BLOCK TO HAVE BULLNOSE AT LOCATIONS NOTED.
- D. WHERE WALLS WERE REMOVED, PATCH EXISTING WALL TO MATCH ADJACENT SURFACE AND TOUCH UP PAINT (TYPICAL).



Architecture Incorporated

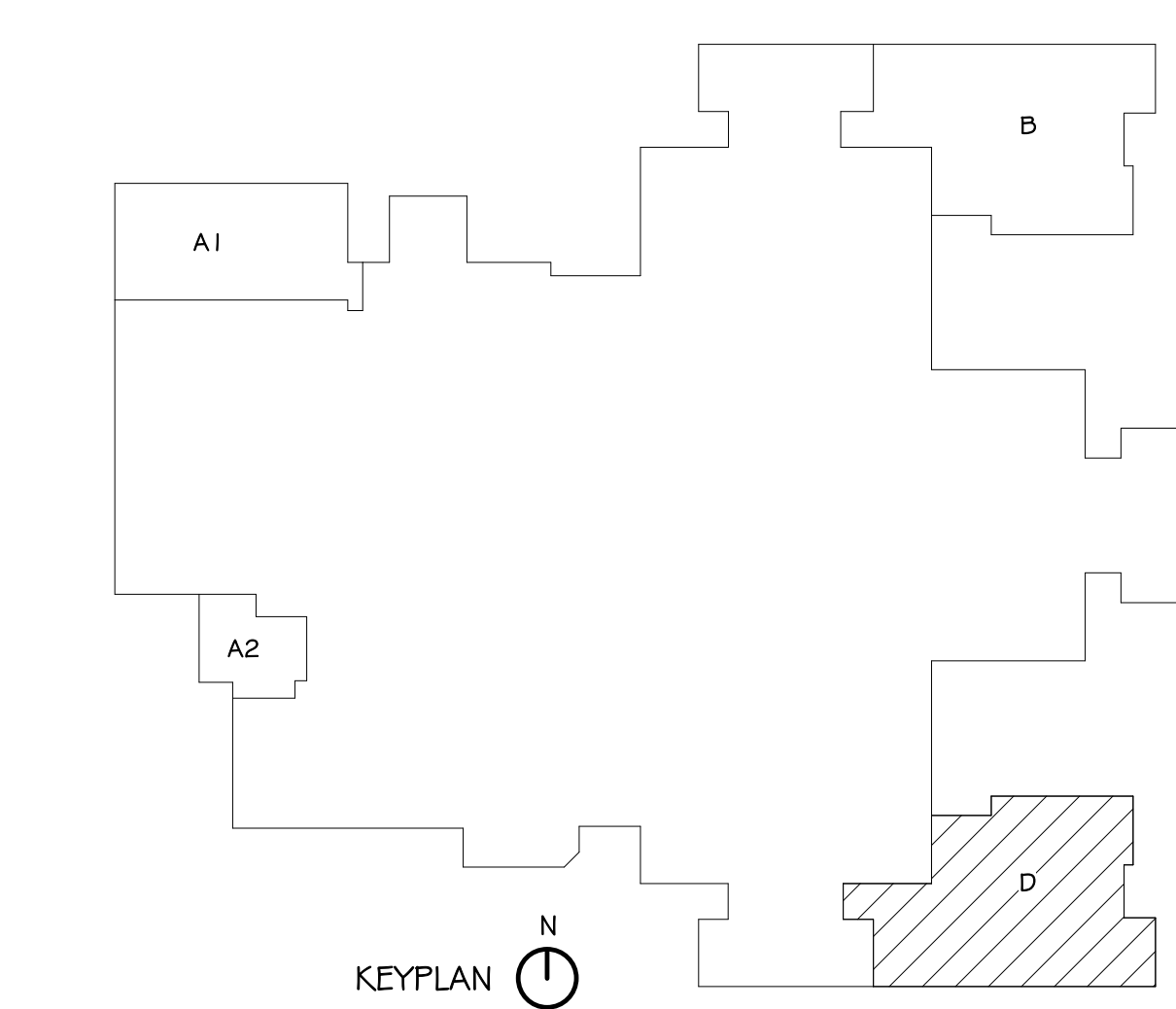
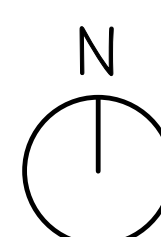
415 South Main Avenue  
P.O. Box 2140  
Sioux Falls, South Dakota 57101  
Phone: (605) 339-1711

815 St. Joseph Street, Suite 203  
Rapid City, South Dakota 57701  
Phone: (605) 721-1158



FLOOR PLAN - AREA D

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

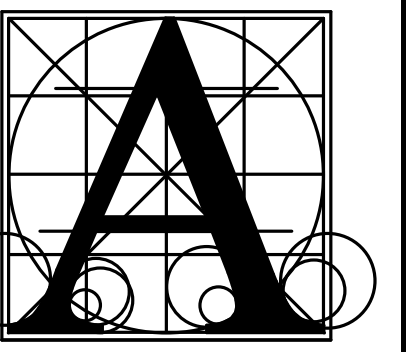


BRANDON VALLEY MIDDLE SCHOOL ADDITION

FLOOR PLAN - AREA D

Project	number	0819.3090.24
	date	FEBRUARY 21, 2025
	revision	
	drawn	M5 checked SRJ
DATE	DESCRIPTION	
3-6-2025	ADDENDUM #1	

4.10D



**Architecture  
Incorporated**

415 South Main Avenue  
P.O. Box 2140  
Sioux Falls, South Dakota 57101  
Phone: (605) 339-1711

815 St Joseph Street, Suite 203  
Rapid City, South Dakota 57701  
Phone: (605) 721-1158



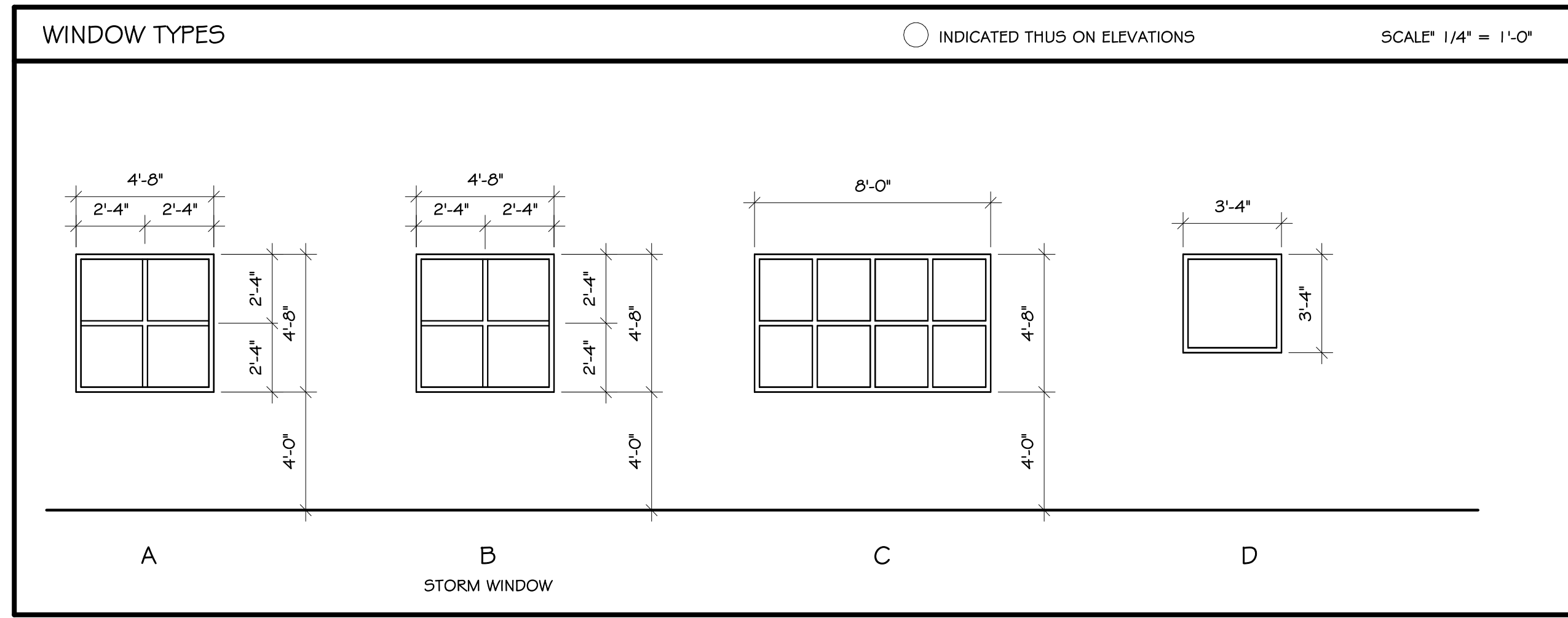
**BRANDON VALLEY MIDDLE SCHOOL ADDITION**

**WINDOW / STOREFRONT ELEVATIONS AND DETAILS**

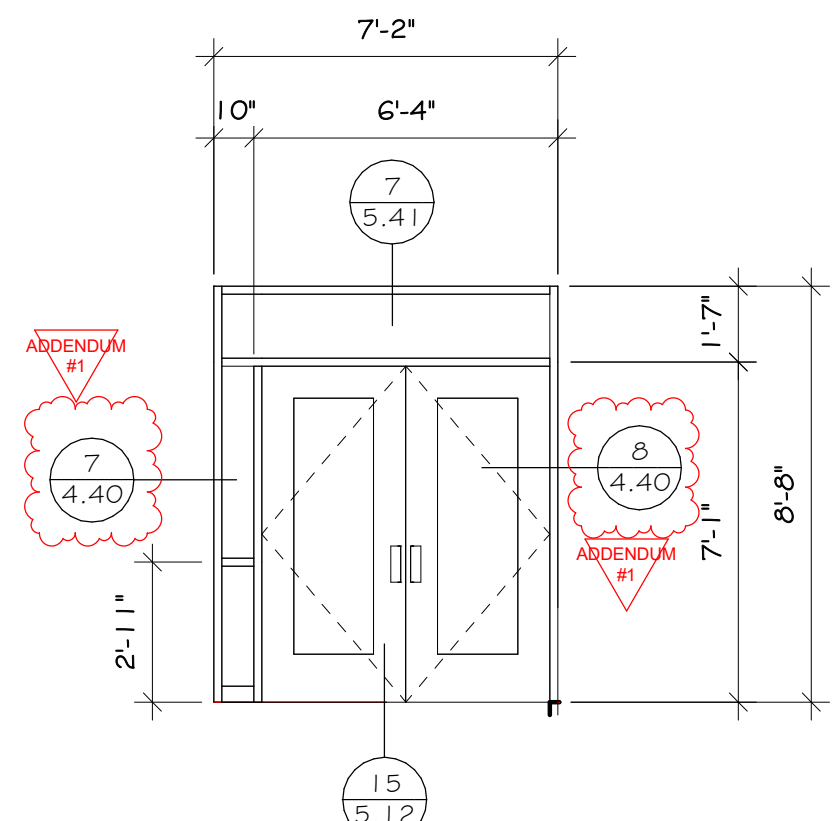
Project number 0819.3090.24  
date FEBRUARY 21, 2025  
revision  
drawn MS checked SRJ

DATE 3-6-2025 DESCRIPTION APPENDUM #1

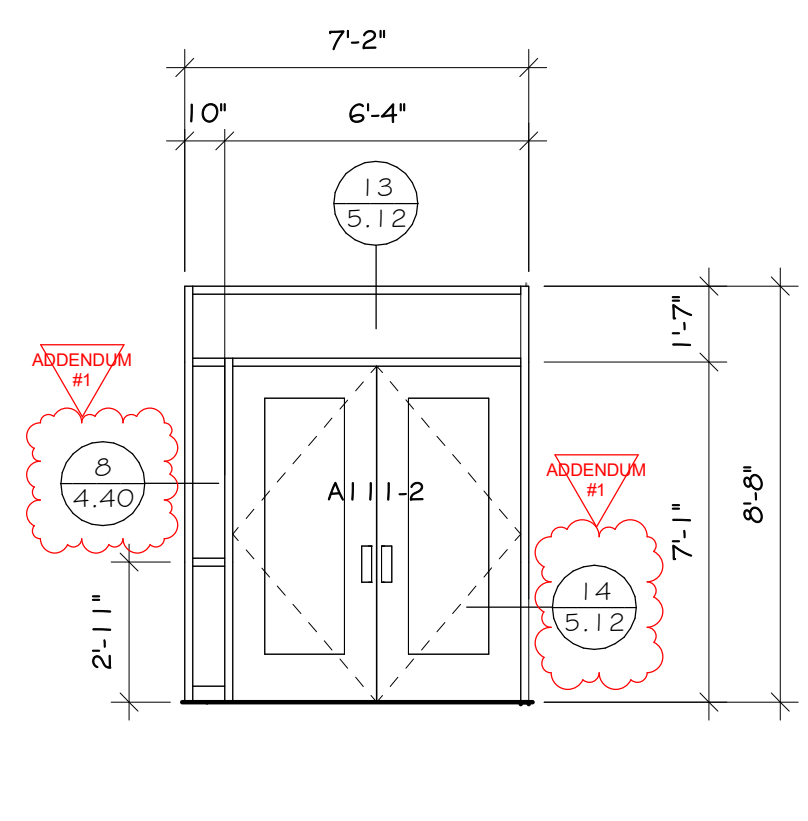
**5.12**



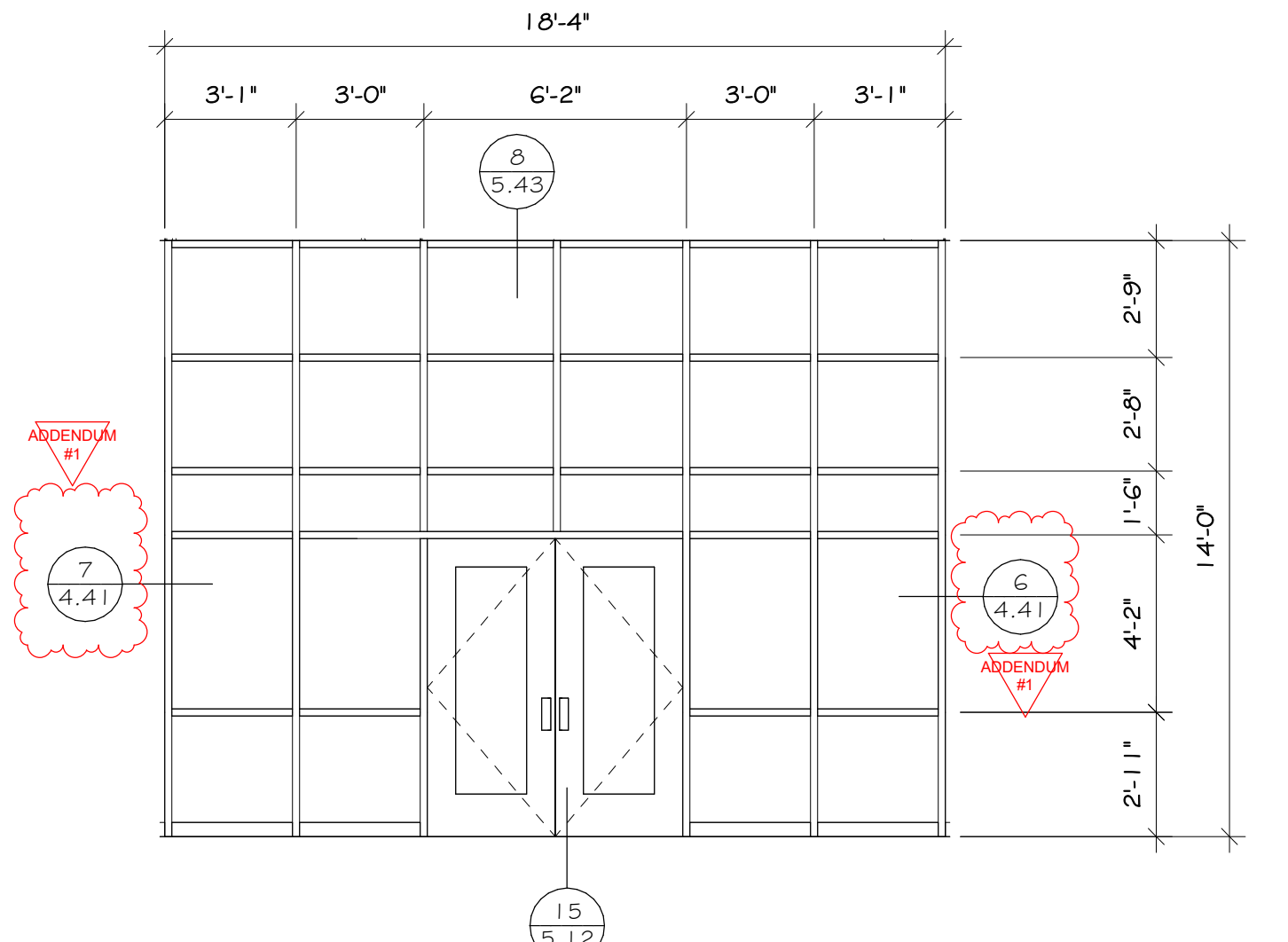
WINDOW TYPES SCHEDULE						
MARK	MATL	GLASS	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	NOTES
A	ALUM	1" INSL	7/5.12	8/5.12	9/5.12	
B	ALUM	GLASS CLAD POLY	10/5.12	11/5.12	12/5.12	STORM SHELTER
C	ALUM	1" INSL	4/5.12	5/5.12	6/5.12	
D	ALUM	1" INSL	5/5.43 # 7/5.43	16/5.12	5/5.43 # 7/5.43	



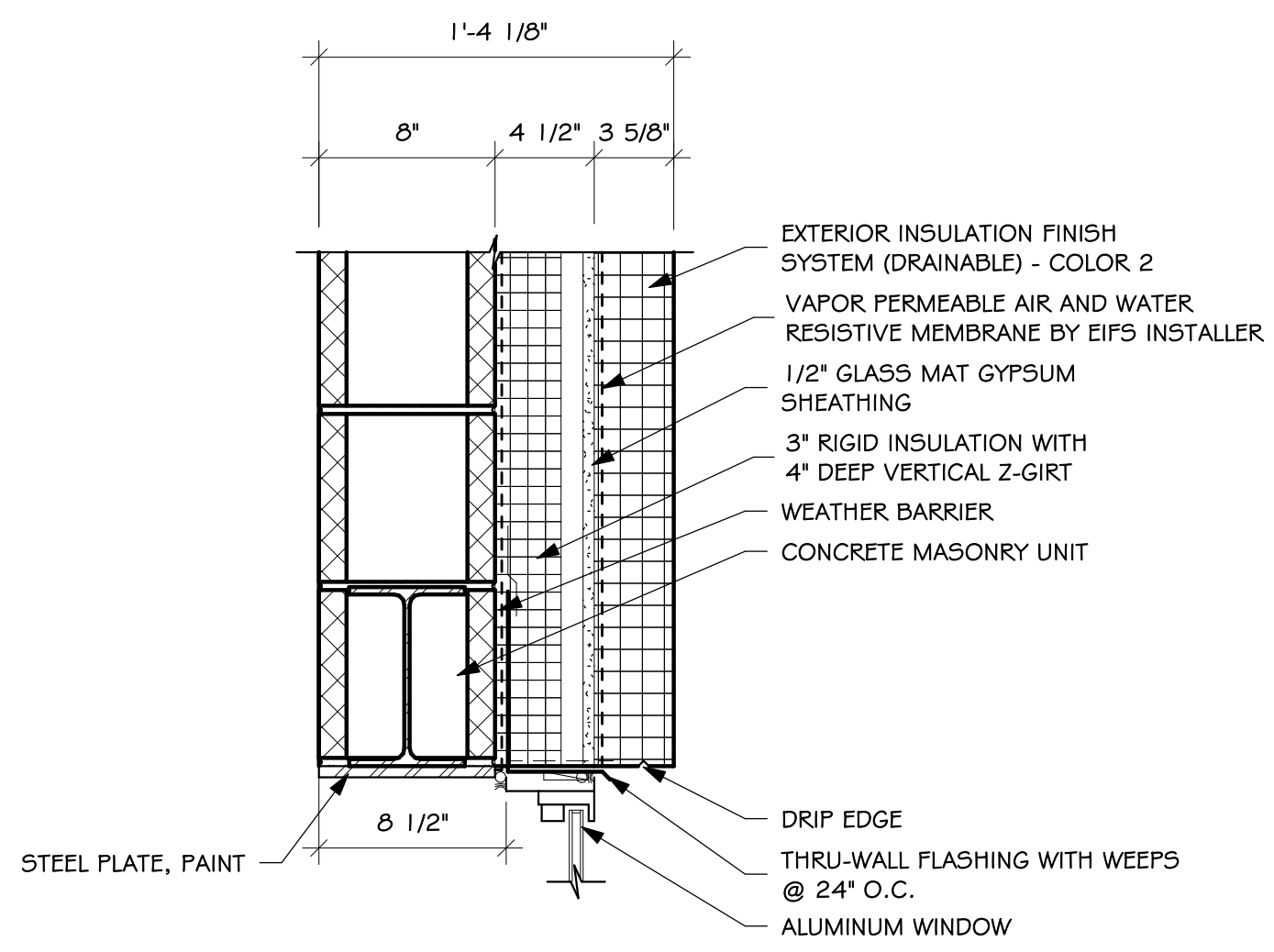
1 AREA A2 - EXTERIOR  
SCALE: 1/4" = 1'-0"



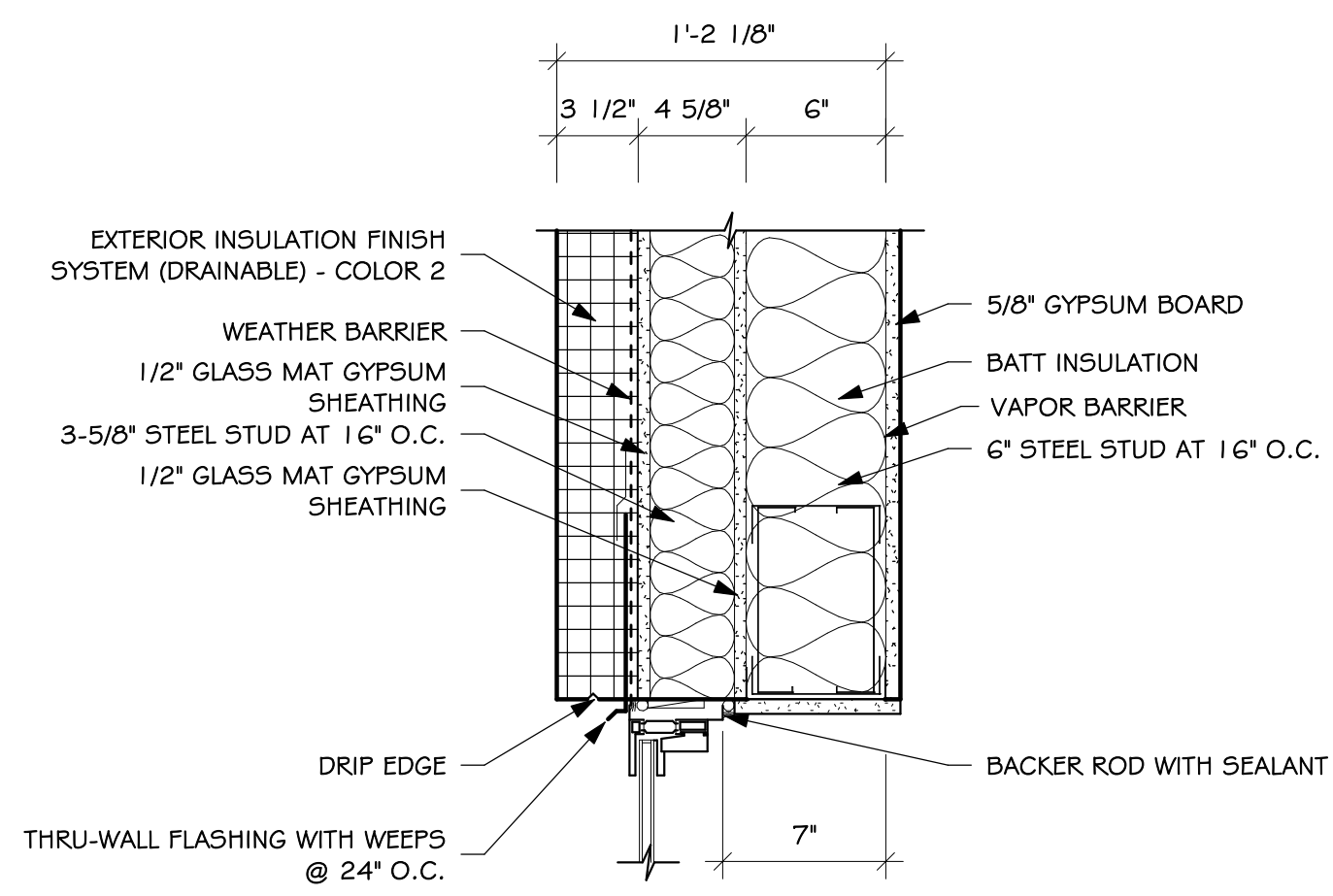
2 AREA A2 - INTERIOR  
SCALE: 1/4" = 1'-0"



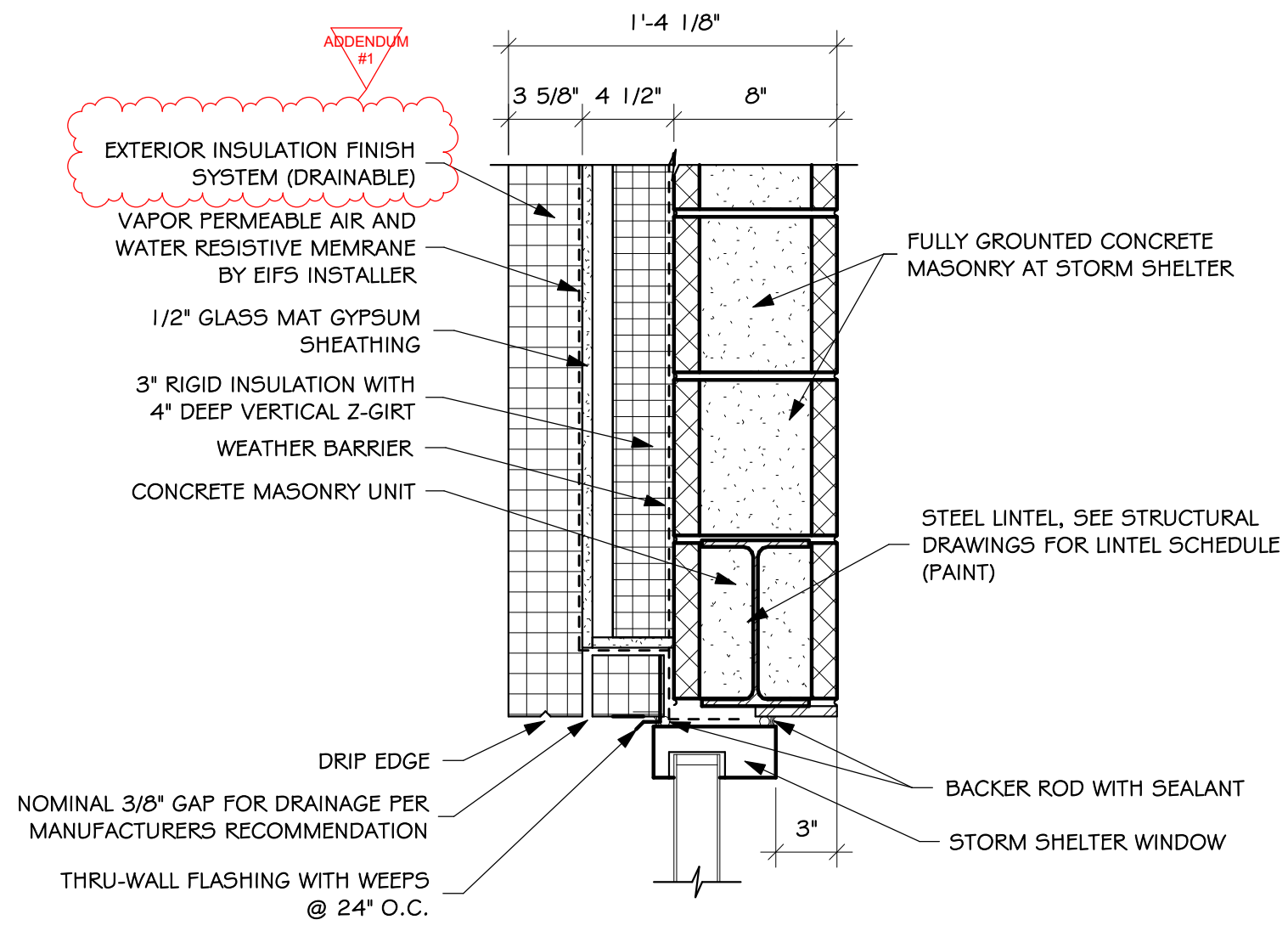
3 AREA B & D - EAST ENTRY  
SCALE: 1/4" = 1'-0"



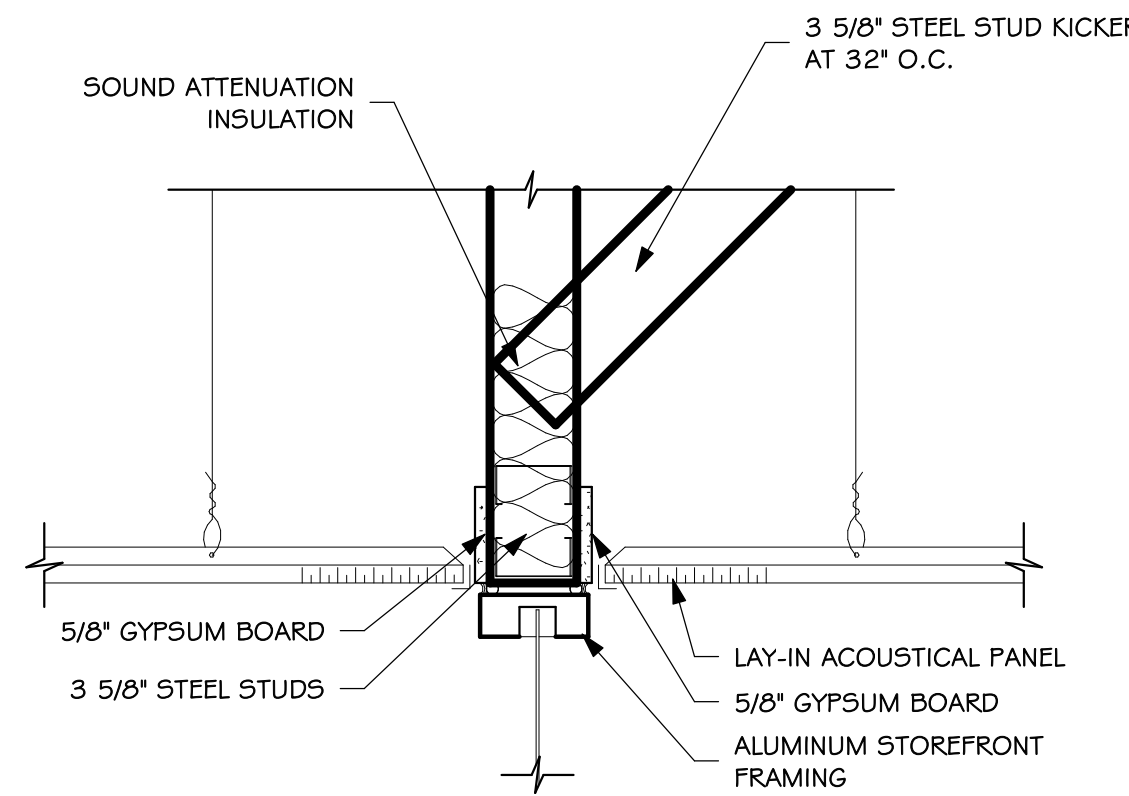
4 HEAD DETAIL  
SCALE: 1 1/2" = 1'-0"



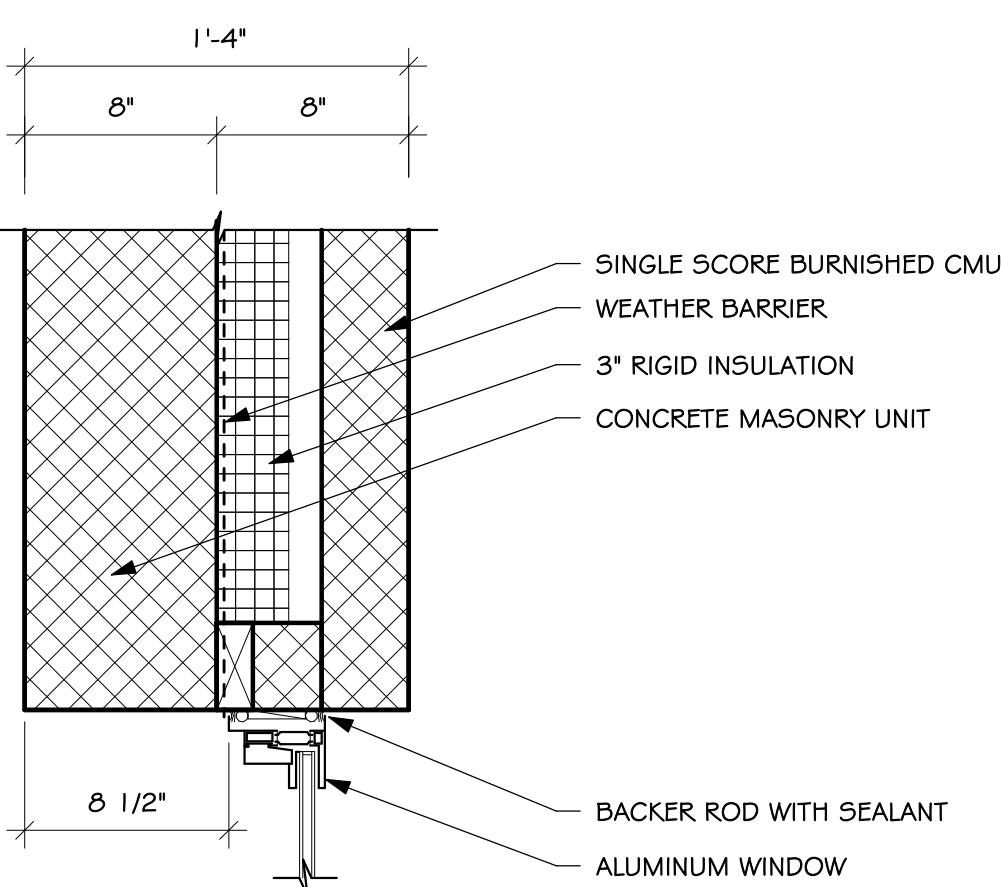
7 HEAD DETAIL  
SCALE: 1 1/2" = 1'-0"



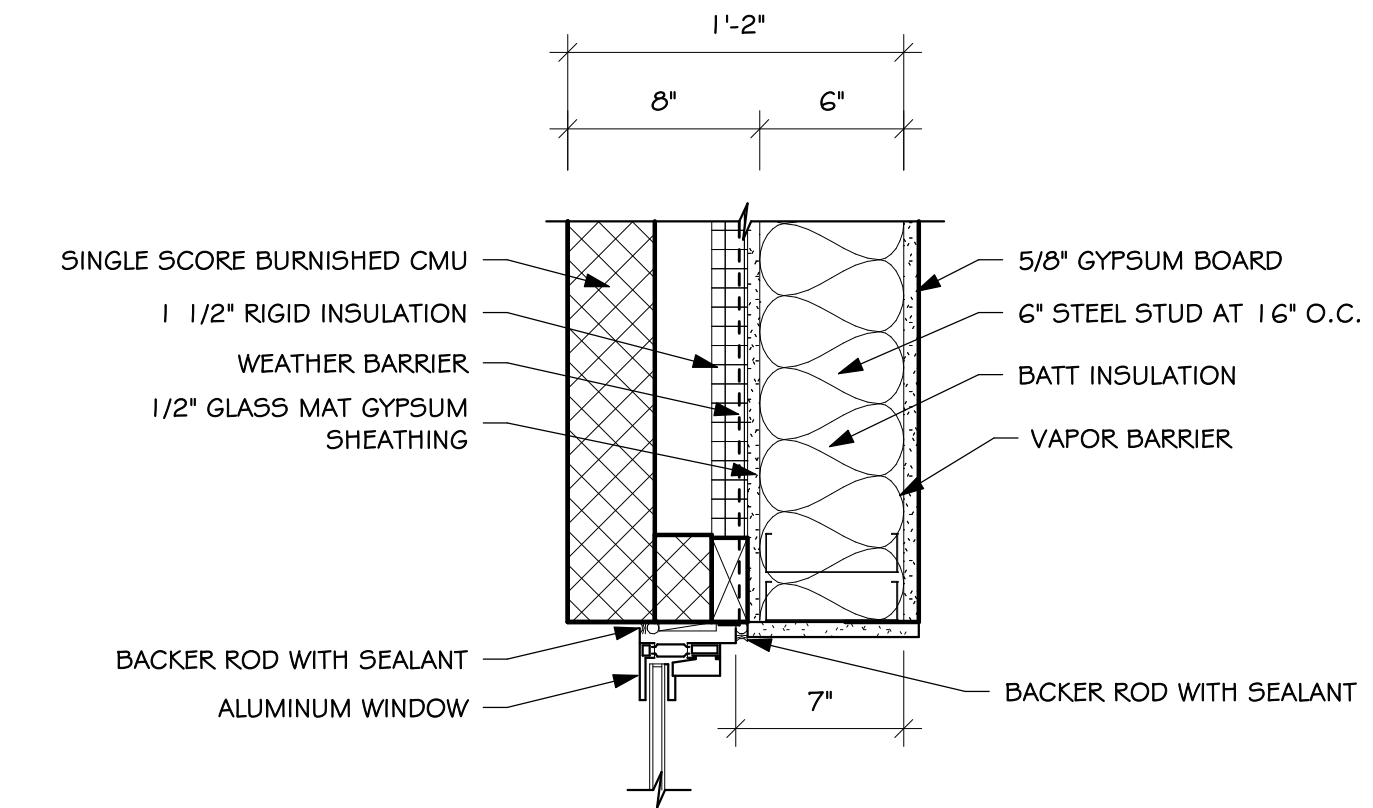
10 HEAD DETAIL - STORM SHELTER WINDOW  
SCALE: 1 1/2" = 1'-0"



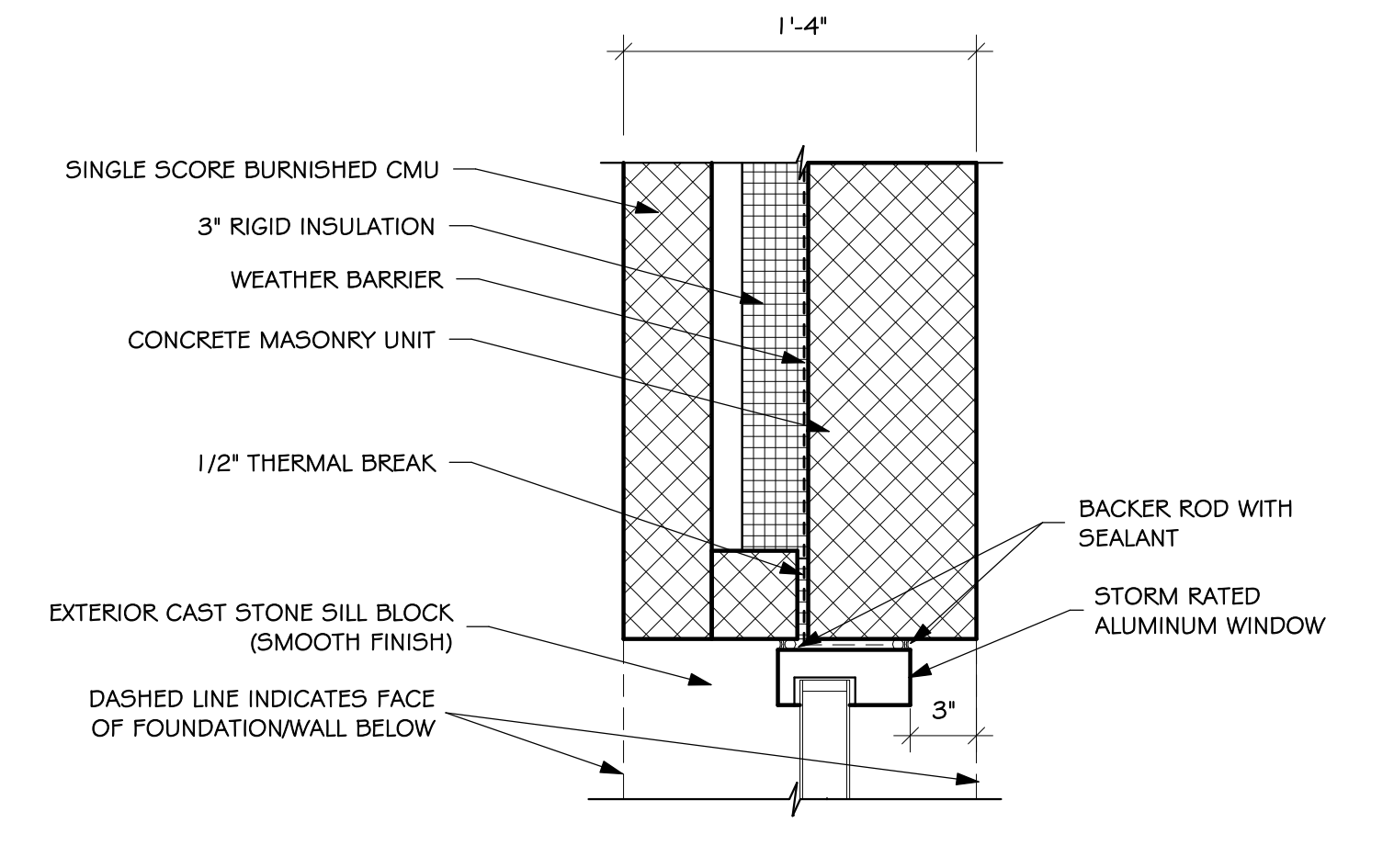
13 HEAD  
SCALE: 1 1/2" = 1'-0"



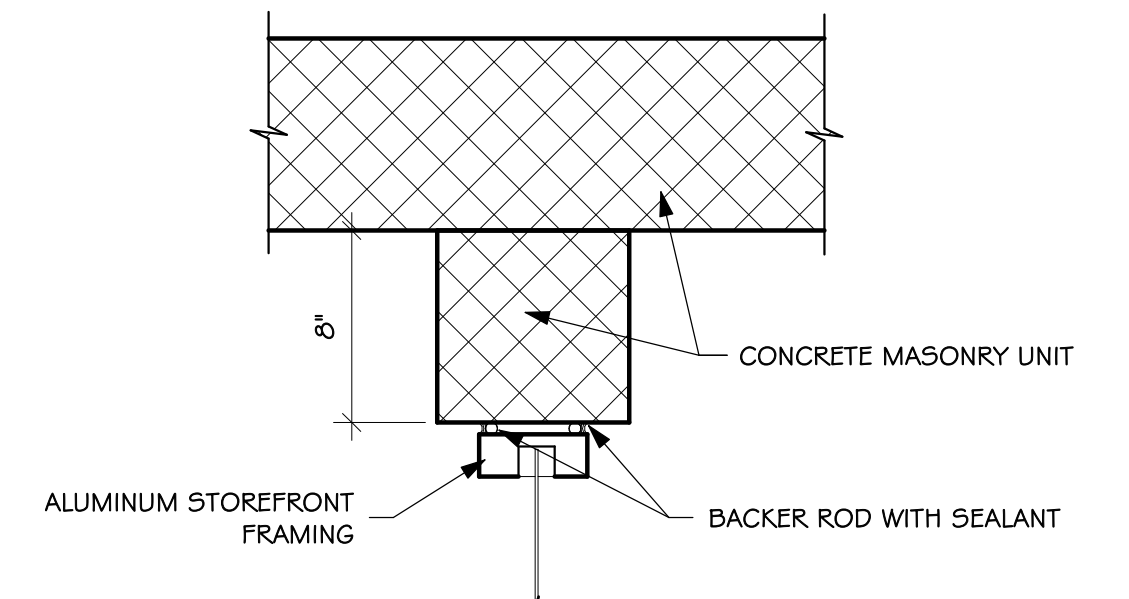
5 JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"



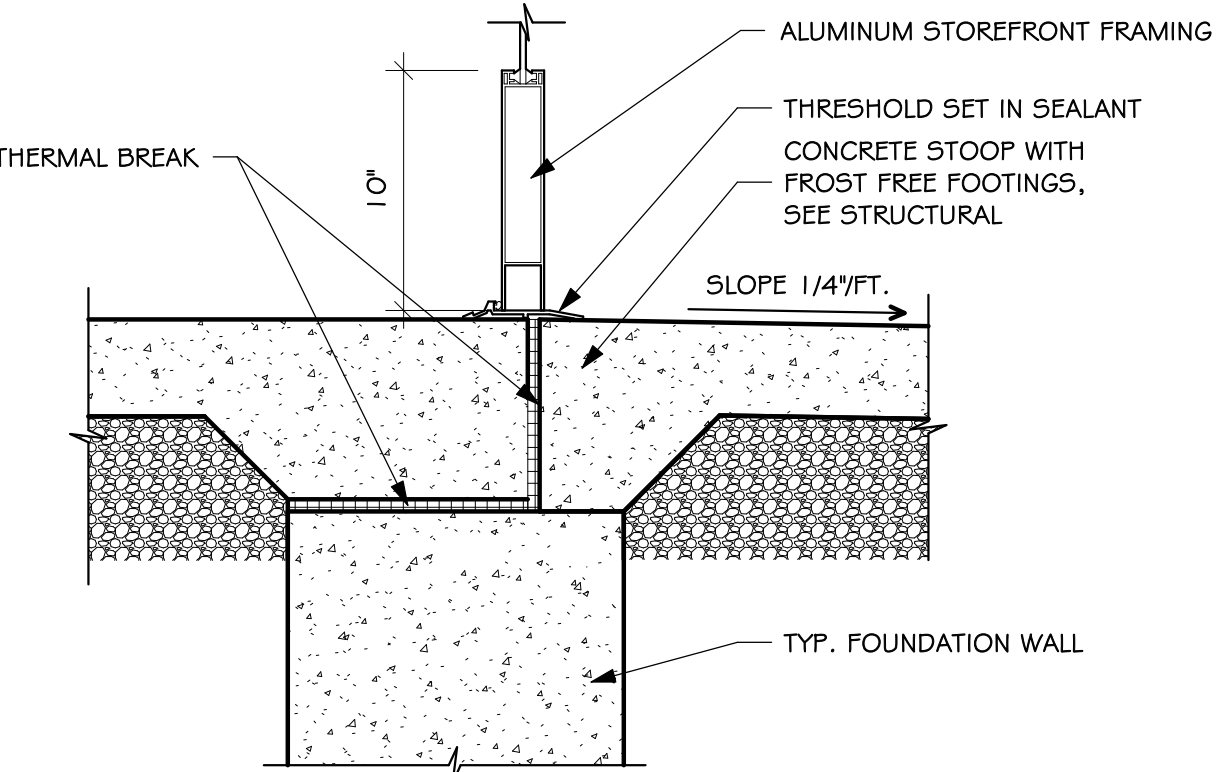
6 JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"



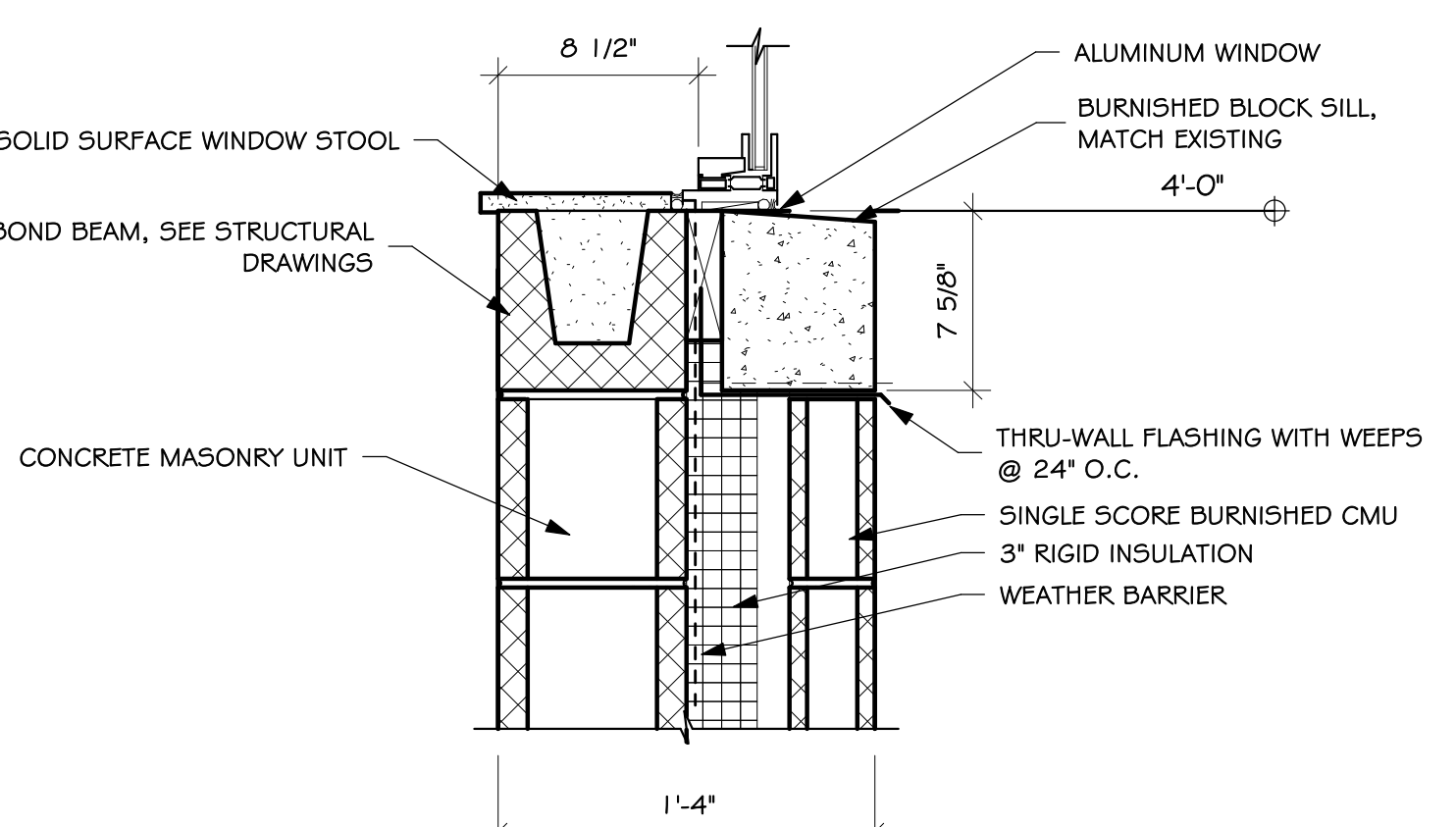
11 JAMB DETAIL - STORM SHELTER WINDOW  
SCALE: 1 1/2" = 1'-0"



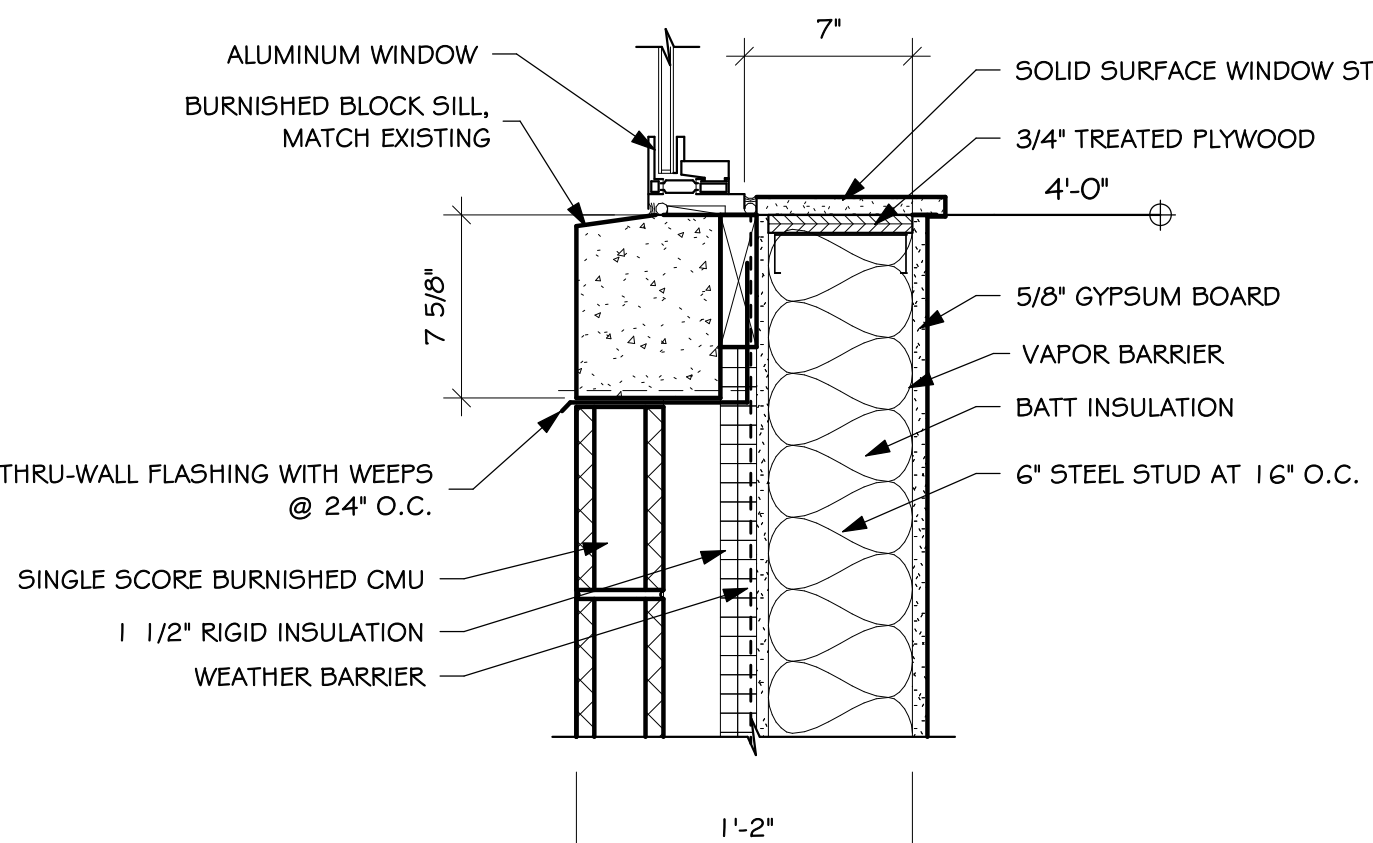
14 JAMB DETAIL  
SCALE: 1 1/2" = 1'-0"



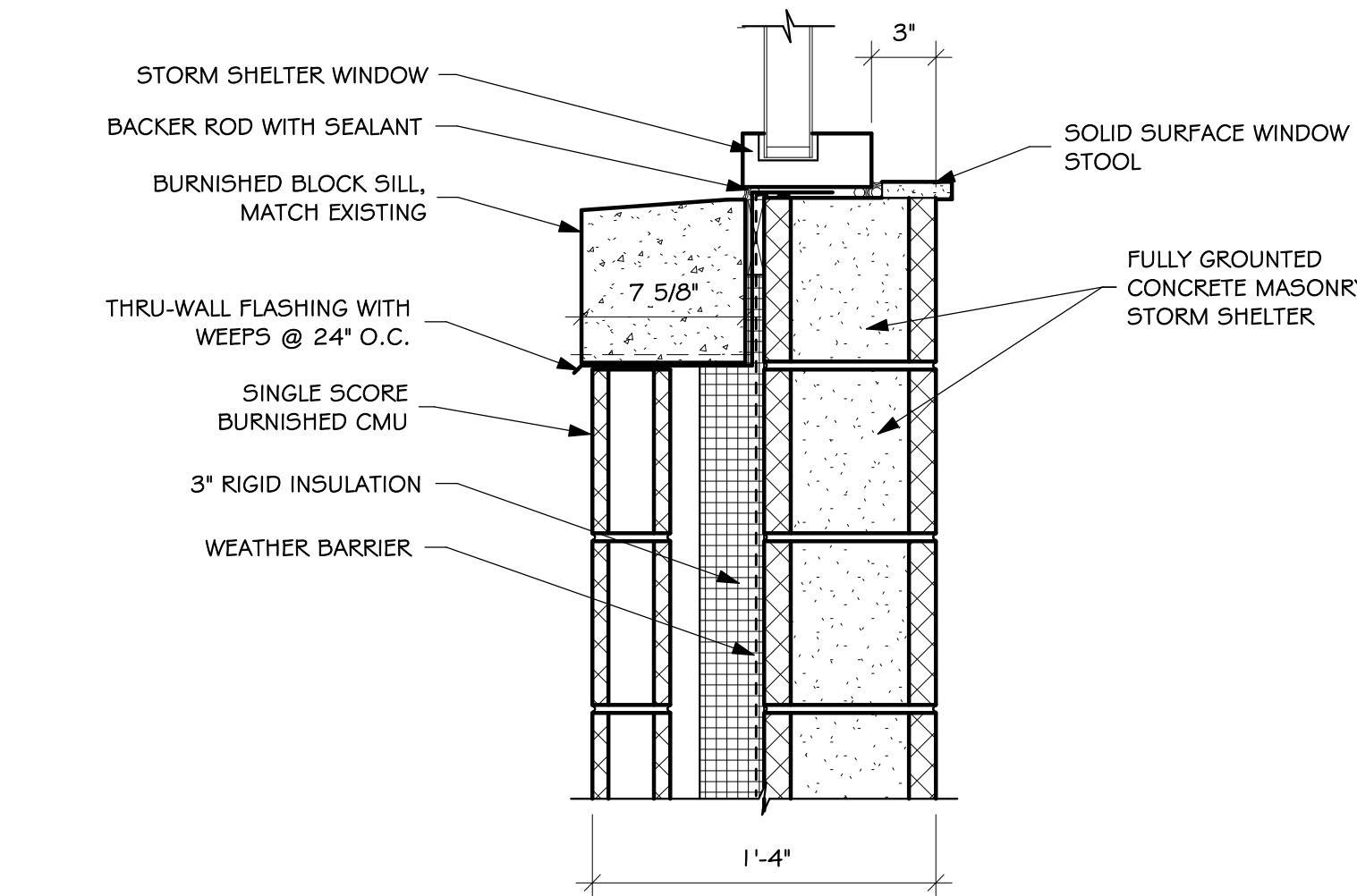
15 SILL DETAIL  
SCALE: 1 1/2" = 1'-0"



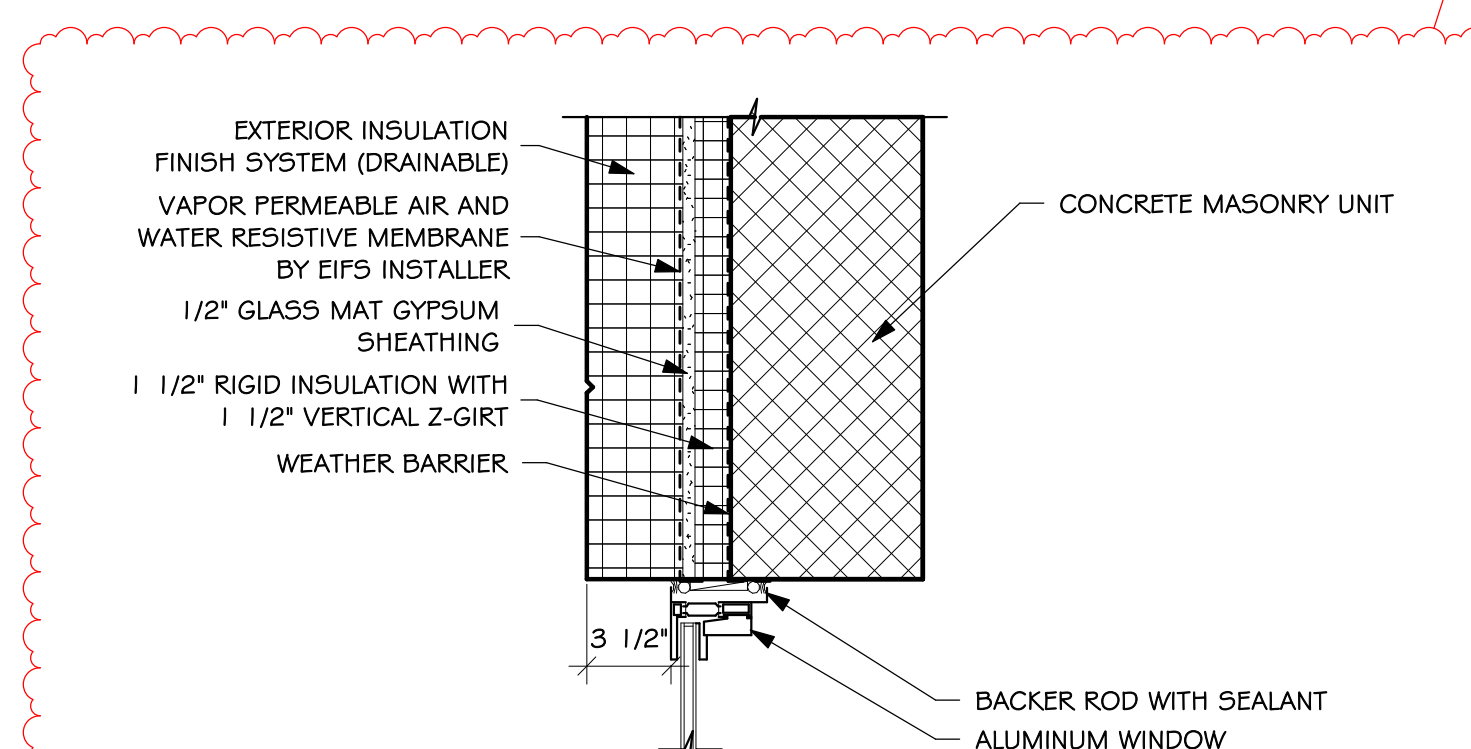
8 SILL DETAIL  
SCALE: 1 1/2" = 1'-0"



9 SILL DETAIL  
SCALE: 1 1/2" = 1'-0"

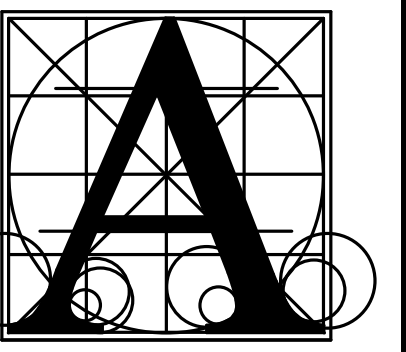


12 SILL DETAIL - STORM SHELTER WINDOW  
SCALE: 1 1/2" = 1'-0"



16 JAMB DETAIL - CLERESTORY WINDOW  
SCALE: 1 1/2" = 1'-0"

3/6/2025 4:06:27 PM



Architecture  
Incorporated

415 South Main Avenue  
P.O. Box 2140  
Sioux Falls, South Dakota 57101  
Phone: (605) 339-1711



815 St Joseph Street, Suite 203  
Rapid City, South Dakota 57701  
Phone: (605) 721-1158



**PLUMBING NOTES**

1. ALL ROUGH-INS FOR FOOD SERVICE EQUIPMENT SHALL BE IN ACCORDANCE WITH APPROVED FOOD SERVICE EQUIPMENT ROUGH-IN SHOP DRAWINGS.
2. MECHANICAL SUBCONTRACTOR SHALL FURNISH AND INSTALL SHUT-OFF VALVES FOR WATER SUPPLY AT ALL EQUIPMENT ITEMS.
3. ROUGH-IN REQUIREMENTS FOR ALL EXISTING EQUIPMENT SHALL BE FIELD VERIFIED BEFORE INSTALLATION.
4. DRAIN LINES FOR COOLER AND FREEZER TO BE INSTALLED BY PLUMBING CONTRACTOR

**LEGEND - ELECTRICAL CONNECTIONS**

-  DUPLEX RECEPT., 20-AMP, 120-VOLT, GROUND TYPE, HORIZONTAL MOUNT
-  FLOOR RECEPTACLE AS INDICATED

**ELECTRICAL NOTES**

1. ALL ROUGH-INS FOR FOOD SERVICE EQUIPMENT SHALL BE IN ACCORDANCE WITH APPROVED FOOD SERVICE EQUIPMENT ROUGH-IN SHOP DRAWINGS.
2. ALL DIRECT CONNECTIONS FOR FOOD SERVICE EQUIPMENT SHALL BE PROVIDED WITH LIQUID TIGHT FLEXIBLE CONDUIT
3. ROUGH-IN REQUIREMENTS FOR ALL EXISTING EQUIPMENT SHALL BE FIELD VERIFIED BEFORE INSTALLATION.
7. CONNECT EVAPORATOR FOR ITEM 54 TO DEFROST TIME CLOCK LOCATED ABOVE WALK-IN FREEZER. VERIFY LOCATION WITH INSTITUTIONS SERVICES.
8. WALK-IN COOLER AND FREEZER CONDENSING UNITS LOCATED ON BUILDING ROOF.
9. TOP OF FIXED PEDESTAL RECEPTACLE HOUSING SHALL NOT EXTEND 4" ABOVE FINISHED FLOOR.

**MECHANICAL SCHEDULE FOR EXISTING RELOCATED AND NEW EQUIPMENT**

ITEM	QTY	NEW/EXIST.	RELOCATE	DESCRIPTION	VOLTS	PHASE	AMPS	KW	COLD WATER SIZE (IN)	HOT WATER SIZE (IN)	DIRECT DRAIN SIZE (IN)	INDIRECT DRAIN SIZE (IN)	GAS CONNECTION SIZE (IN)	GAS SUPPLY BTUS	CONNECTION REMARKS
1	1	EXISTING	REMOVE	EXISTING WALK IN COOLER AND FREEZER	-	-	-	-	-	-	-	1	-	-	FSEC TO RECLAIM REFRIGERANT. ELECTRICAL TO DISCONNECT ALL CONNECTIONS. GC TO REMOVE BOX & COND. UNITS
17	1	EXISTING	NO	KETTLE STAND	-	-	-	-	-	-	-	1	-	-	-
18	1	EXISTING	NO	KETTLE, 12-GALLON, ELECTRIC	-	-	-	-	-	-	-	-	-	-	-
19	1	EXISTING	NO	OVEN/STEAMER COMBINATION	-	-	-	-	-	-	-	2	-	-	-
20	1	EXISTING	REMOVE	RANGE, GRATE TOP, HALF-SECTION	-	-	-	-	-	-	-	-	-	-	REMOVE UNIT
21	1	EXISTING	YES	WORKTABLE	-	-	-	-	-	-	-	-	-	-	-
24	1	EXISTING	YES	WORKABLE, W/ SINK & DRAWER	120	1	-	-	1/2	1/2	-	2	-	-	FLOOR SINK REQUIRED. PROVIDE TWO 20-AMP CONVENIENCE OUTLETS AT 48"-AFF
27	1	EXISTING	YES	REFRIGERATOR, 2-SECTION PASS-THRU	120	1	11.4	-	-	-	-	-	-	-	-
28	1	EXISTING	YES	MOBILE HOT FOOD SERVING COUNTER	208	1	22	-	-	-	-	-	-	-	DROP DOWN CORD FROM ABOVE
33	1	NEW	-	SALAD BAR W/ HOT WELL	120	1	11.5	-	-	-	-	1	-	-	CEILING DROP DOWN RECEPTICAL
34	1	EXISTING	YES	MOBILE UTILITY SERVING COUNTER	-	-	-	-	-	-	-	-	-	-	-
35	1	NEW	-	MOBILE HOT FOOD SERVING COUNTER	208	1	22	-	-	-	-	-	-	-	DROP DOWN CORD FROM ABOVE
36	1	EXISTING	YES	MOBILE UTILITY SERVING COUNTER	-	-	-	-	-	-	-	-	-	-	-
37	1	NEW	-	SHELVING	-	-	-	-	-	-	-	-	-	-	-
38	2	EXISTING	YES	MOBILE HOT CABINET	120	1	17.8	-	-	-	-	-	-	-	SOUTH UNIT USE EXISTING POWER, NORTH UNIT GETS NEW POWER
40	1	EXISTING	-	MOBILE UTILITY SERVING COUNTER	-	-	-	-	-	-	-	-	-	-	-
42	-	SPARE	-	SPARE	-	-	-	-	-	-	-	-	-	-	SEE ITEM 45 FOR ELECTRICAL
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	-	-	-	-	-	-	-	-	-	-	-
48	-	SPARE	-	SPARE	-	-	-	-	-	-	-	-	-	-	-
50	1	EXISTING	YES	DOUBLE DECK CONVECTION OVEN	2 @ 480	3	14	-	-	-	-	-	-	-	FIELD VERIFY ELECTRICAL REQUIREMENTS; DOUBLE DECK UNIT. TWO CONNECTIONS
51	1	EXISTING	NO	REFRIGERATOR, 1-SECTION	-	-	-	-	-	-	-	-	-	-	-
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
54F	1	NEW	-	WALK IN FREEZER, BLOWER COIL DRAIN LINE HEAT TAPE	120	1	-	-	-	-	-	-	-	-	BY ELECTRICAL CONTRACTOR AS REQUIRED
54G	1	NEW	-	WALK IN FREEZER, CONDENSING UNIT ROOF TOP	208	3	22.8	-	-	-	-	-	-	-	ROOF TOP UNIT, INTER CONNECT TO EVAPORATOR AS REQUIRED
55	1	EXISTING	NO	TILTING SKILLET WITH PANTRY FAUCET	-	-	-	-	-	-	-	-	-	-	-
56	1	EXISTING	NO	FLOOR TROUGH AT SKILLET	-	-	-	-	-	-	-	-	-	-	-
59	1	EXISTING	NO	S/S WORK TABLE	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	3/4	60,000	TWO ELECTRICAL CONNECTIONS AND TWO GAS CONNECTION

ADDENDUM #1

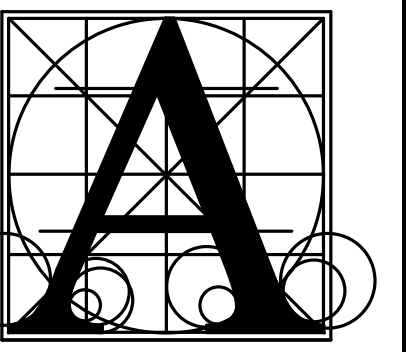
**BRANDON VALLEY MIDDLE SCHOOL ADDITION**  
 sheet contents  
**FOOD SERVICE EQUIPMENT SCHEDULE**

Project number: 0819.3090.24  
 date: FEBRUARY 21, 2025  
 revision:  
 drawn: ZJG checked: SRJ

DATE	DESCRIPTION
3-6-2025	ADDENDUM #1

**11.11**

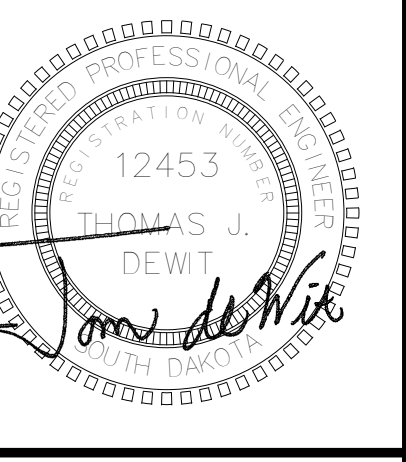




Architecture Incorporated

415 South Main Avenue  
P.O. Box 2140  
Sioux Falls, South Dakota 57101  
Phone: (605) 339-1711

815 St Joseph Street, Suite 203  
Rapid City, South Dakota 57701  
Phone: (605) 721-1158



Associated Consulting Engineering, Incorporated  
340 S. Phillips Ave.  
Sioux Falls, SD 57104  
(605) 335-3720  
Fax 335-6220  
E-mail ace@aceinet.com  
ACEI PROJ. #124056

BRANDON VALLEY MIDDLE SCHOOL ADDITION  
SCHEDULES

Table with 2 columns: DATE, DESCRIPTION. Row 1: 3-6-25, Addendum #1.

8.60

PLUMBING FIXTURE SCHEDULE

Table with 7 columns: FIXTURE SYMBOL, TYPE, MANUF, MODEL NO., TRIM, SUPPLIES, WASTE, REMARKS. Includes items like WC-1, WC-2, WC-3, UR-1, L-1, L-2, L-3, MSK, SK-1, EWC-1, EWC-2, CW-1.

UNIT HEATER SCHEDULE

Table with 10 columns: UNIT NO., MANUFACTURER, UNIT SIZE, TYPE, INTAKE LOCATION, DISCHARGE LOCATION, CFM, FAN MOTOR(S), HEATING CAPACITY, REMARKS. Includes unit UHA-116.

PUMP SCHEDULE

Table with 10 columns: PUMP NO., MANUFACTURER, MODEL NO., DESCRIPTION, STYLE, SIZE, GPM, HEAD, MOTOR, ELEC., SUCTION, DISCH, REMARKS. Includes pumps P-1, P-2, P-3.

CONDENSING UNIT SCHEDULE

Table with 10 columns: UNIT NO., MANUF., MODEL NO., MATCHED CAPACITY, AMB AIR TEMP., SUCT. TEMP., ELECTRICAL, CAP. RED., MIN SEER, OPER. WT.(LBS), REMARKS. Includes units CU-B125, CU-D152.

DUCTLESS SPLIT SYSTEM SCHEDULE

Table with 10 columns: UNIT NO., MANUFACTURER, MODEL NO., TOTAL CFM, ESP, MOTOR WATTS, VOLT, PH, MCA, MOCOP, COOLING COIL, WEIGHT, REMARKS. Includes units DSS-B125, DSS-D152.

ROOFTOP HEATING & COOLING SCHEDULE

Table with 15 columns: UNIT, MANUF., MODEL NO., SUPPLY FAN, RETURN-EXHAUST FAN, HEATING COIL, COOLING COIL, COMP, EER, IER, AMB. ELECT, FILTER, OPER. REMARKS. Includes units RTU-1(A-LT), RTU-9, RTU-10, RTU-11.

REGISTER GRILLE & DIFFUSER SCHEDULE

Table with 13 columns: SYMBOL, MANUF., CONSTR MAT'L, MODEL NO., MAX CFM, OVERALL SIZE, THROAT SIZE, NC, THROW, TOTAL PD, FRAME, PATTERNS, REMARKS. Includes items D1, D2, D1, D2, D3, D4, R1, R2, R3.

FAN POWERED VAV TERMINAL SCHEDULE

Table with 15 columns: UNIT NO., MANUF., MODEL NO., INLET SIZE, CFM, MIN CFM, TERM S.P., EXT S.P., RAD NC, DISCH NC, MOTOR HP, MCA, VOLT/PH, HEATING COIL, REMARKS. Includes items FP-B126, FP-B129, FP-B130, FP-B131A, FP-B131B, FP-B132, FP-B133, FP-D144, FP-D145, FP-D146A, FP-D146B, FP-D147, FP-D148, FP-D151.

VAV TERMINAL SCHEDULE

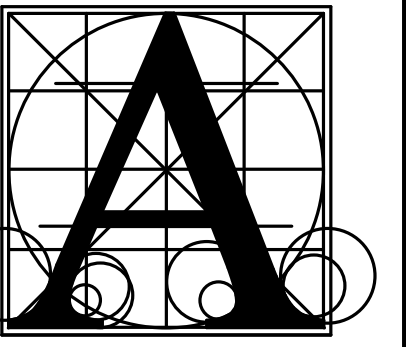
Table with 13 columns: UNIT NO., MANUF., MODEL NO., INLET SIZE, CLG CFM, HTG CFM, TERM S.P., RAD NC, DISCH NC, HEATING COIL, REMARKS. Includes units VAV-B124, VAV-D153.

FAN SCHEDULE

Table with 13 columns: FAN NO., MANUF., MODEL NO., TYPE, LOCATION, CFM, S.P., RPM, TIP SPEED, MOTOR, ELEC., SONES, WEIGHT, REMARKS. Includes fans EFA-106, EFA-117, EF-B126, EF-B127, EF-B135, EF-D142, EF-D150, EF-D151.

RELIEF HOOD SCHEDULE

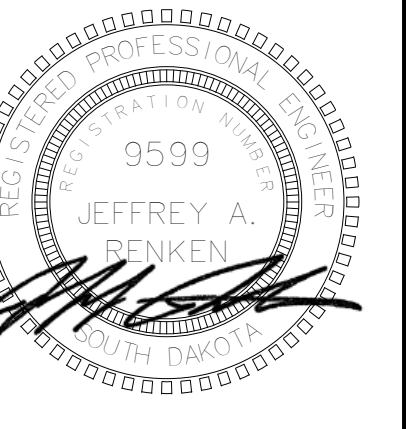
Table with 8 columns: UNIT NO., MANUFACTURER, MODEL NO., HOOD SIZE, THROAT SIZE, THROAT AREA, CFM, THROAT PD, REMARKS. Includes units RH-1, RH-2.



Architecture  
Incorporated

415 South Main Avenue  
P.O. Box 2140  
Sioux Falls, South Dakota 57101  
Phone: (605) 339-1711

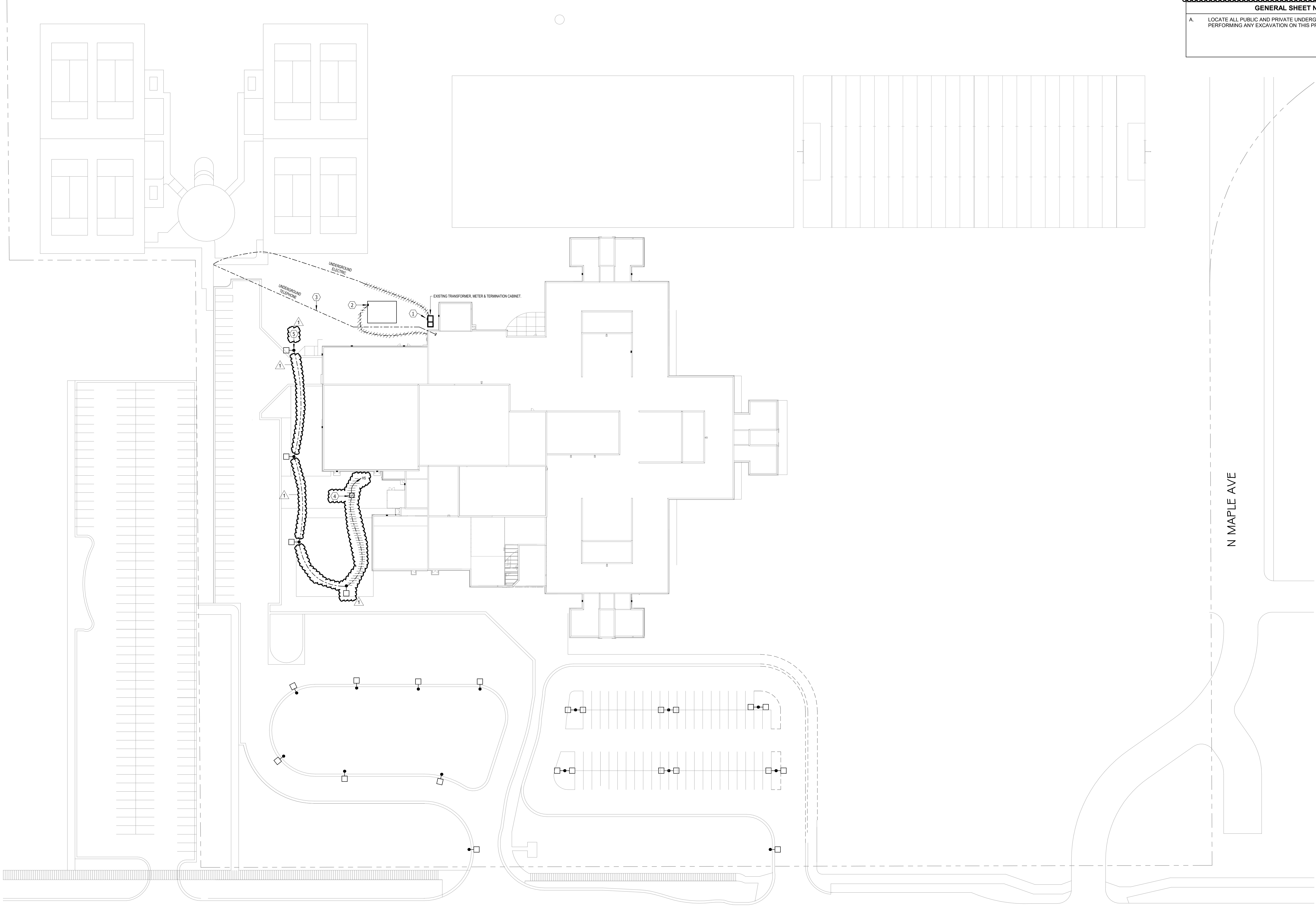
815 St Joseph Street, Suite 203  
Rapid City, South Dakota 57701  
Phone: (605) 721-1158



Associated  
Consulting  
Engineering,  
Incorporated

340 S. Phillips Ave.  
Sioux Falls, SD 57104  
(605) 335-3720  
Fax 335-6220  
E-mail acei@aceinet.com  
ACEI PROJ. #124056

- ELECTRICAL NOTES**
- COORDINATE RELOCATION OF EXISTING UTILITY TRANSFORMER WITH SIOUX VALLEY ELECTRIC.
  - DISCONNECT EXISTING ELECTRICAL CONNECTION TO SHED. DISCONNECT SWITCH TO REMAIN. DEMO UNDERGROUND CONDUCTOR AND RACEWAY TO THE EXTENT POSSIBLE.
  - COORDINATE RELOCATION OF UNDERGROUND TELECOM CABLE WITH ALLIANCE COMMUNICATIONS. PROVIDE NEW RACEWAY PENETRATIONS AS REQUIRED FOR NEW INCOMING CABLE. COORDINATE ALL OUTAGES WITH OWNER.
  - EXISTING UNDERGROUND JUNCTION BOX TO BE DEMOLISHED.
  - DEMO POLE BASE AND REPLACE WITH NEW. POLE BASE TO MATCH EXISTING. REMOVE AND REINSTALL POLE AND LIGHTING UNIT.
- GENERAL SHEET NOTES**
- A. LOCATE ALL PUBLIC AND PRIVATE UNDERGROUND UTILITIES BEFORE PERFORMING ANY EXCAVATION ON THIS PROJECT. RELOCATE AS NEEDED.



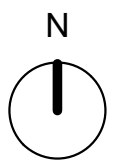
Project  
**BRANDON VALLEY MIDDLE SCHOOL ADDITION**  
sheet contents  
**SITE DEMOLITION PLAN - ELECTRICAL**

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

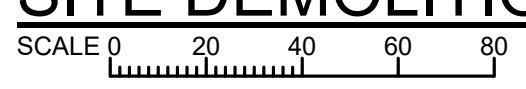
DATE	DESCRIPTION
3-6-25	Addendum #1

9.10

3/6/2025 11:36:49 AM



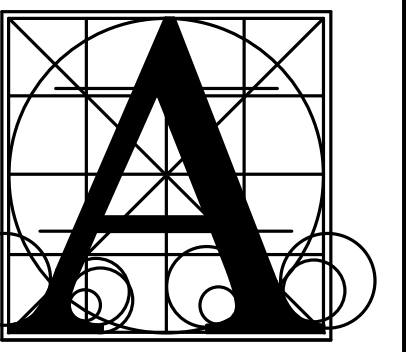
**SITE DEMOLITION PLAN - ELECTRICAL**



E HOLLY BOULEVARD

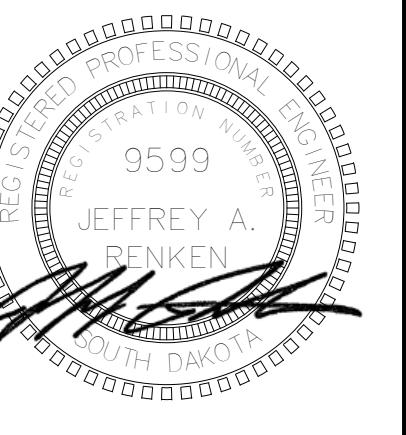
N MAPLE AVE

- 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 H5 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.

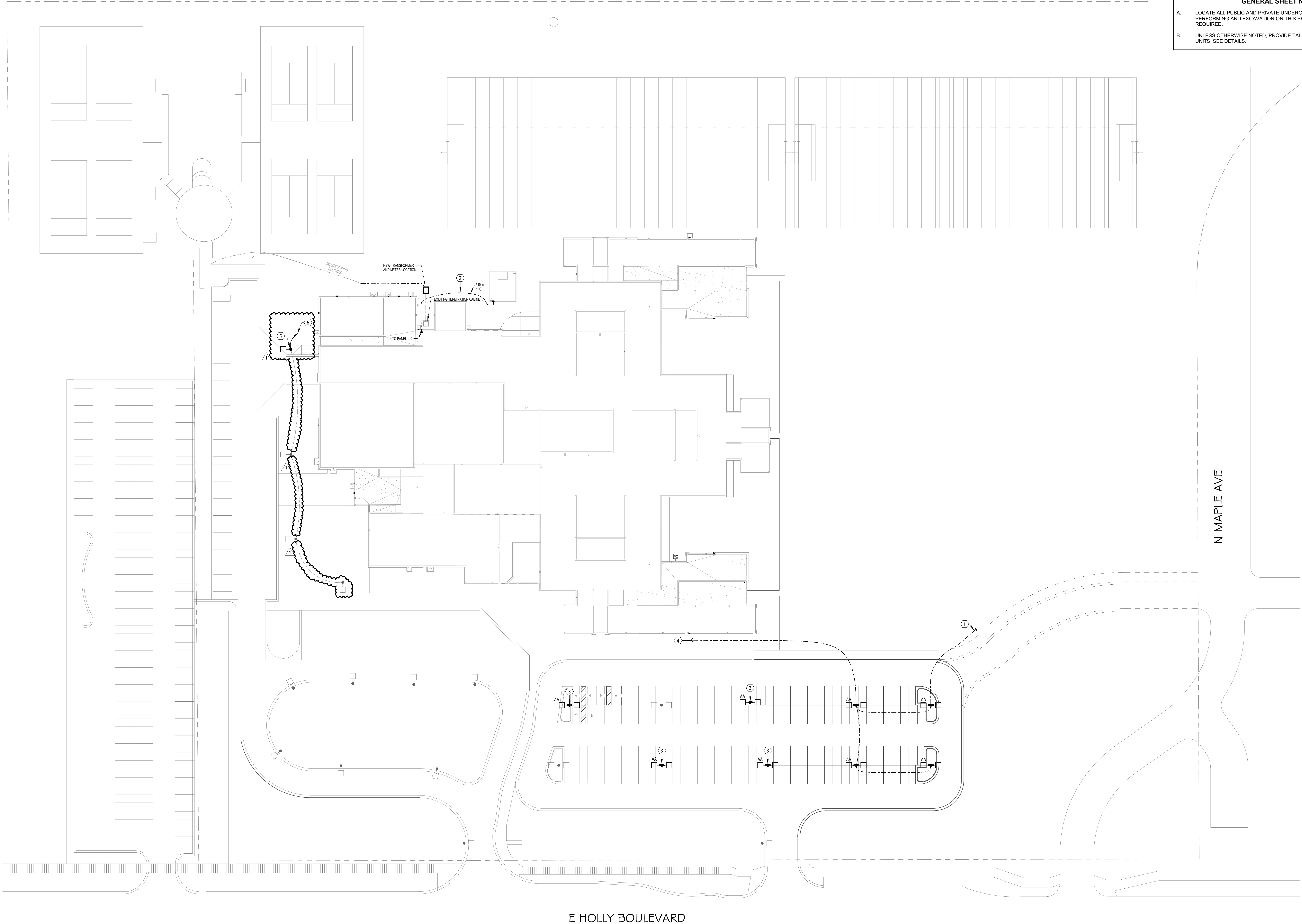


**Architecture Incorporated**  
 415 South Main Avenue  
 P.O. Box 2140  
 Sioux Falls, South Dakota 57101  
 Phone: (605) 339-1711

815 St Joseph Street, Suite 203  
 Rapid City, South Dakota 57701  
 Phone: (605) 721-1158



**Associated Consulting Engineering, Incorporated**  
 340 S. Phillips Ave.  
 Sioux Falls, SD 57104  
 (605) 335-3720  
 Fax 335-6220  
 E-mail acei@aceinet.com  
 ACEI PROJ. #124056

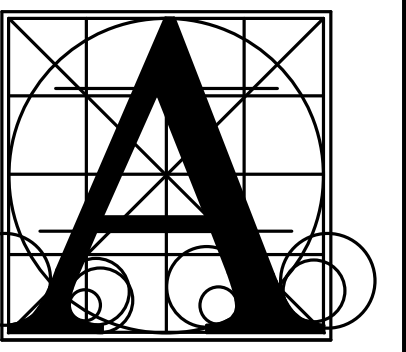


**SITE PLAN - ELECTRICAL**  
 SCALE 0 20 40 60 80

**BRANDON VALLEY MIDDLE SCHOOL ADDITION**  
 SITE PLAN - ELECTRICAL

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

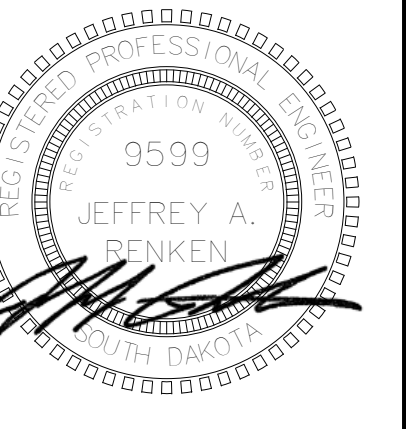
DATE	DESCRIPTION
3-6-25	Addendum #1



Architecture  
Incorporated

415 South Main Avenue  
P.O. Box 2140  
Sioux Falls, South Dakota 57101  
Phone: (605) 339-1711

815 St Joseph Street, Suite 203  
Rapid City, South Dakota 57701  
Phone: (605) 721-1158



Associated  
Consulting  
Engineering,  
Incorporated  
340 S. Phillips Ave.  
Sioux Falls, SD 57104  
(605) 335-3720  
Fax 335-6220  
E-mail acei@aceinet.com  
ACEI PROJ. #124056

BRANDON VALLEY MIDDLE SCHOOL ADDITION  
OVERALL DEMOLITION PLAN - ELECTRICAL

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

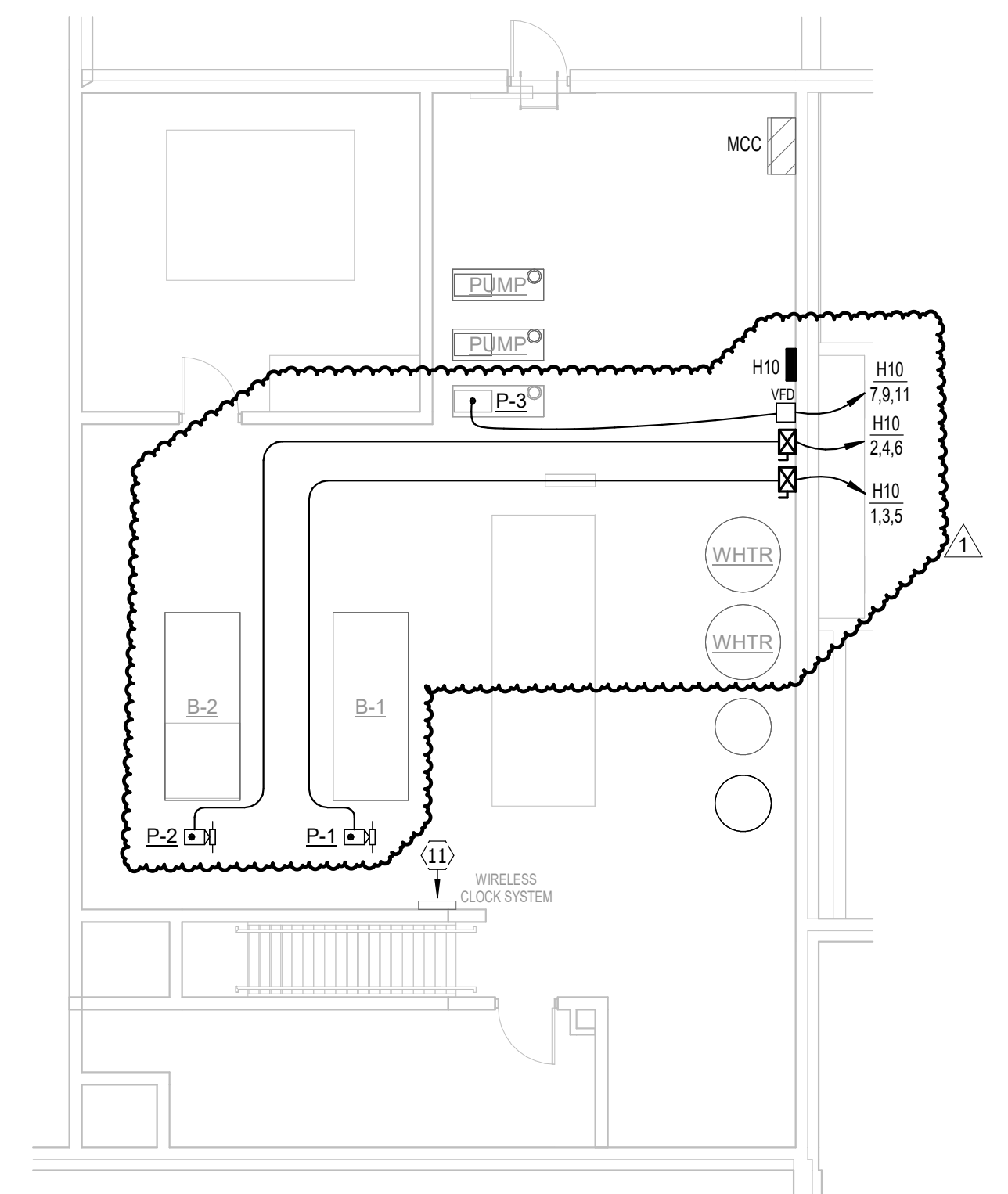
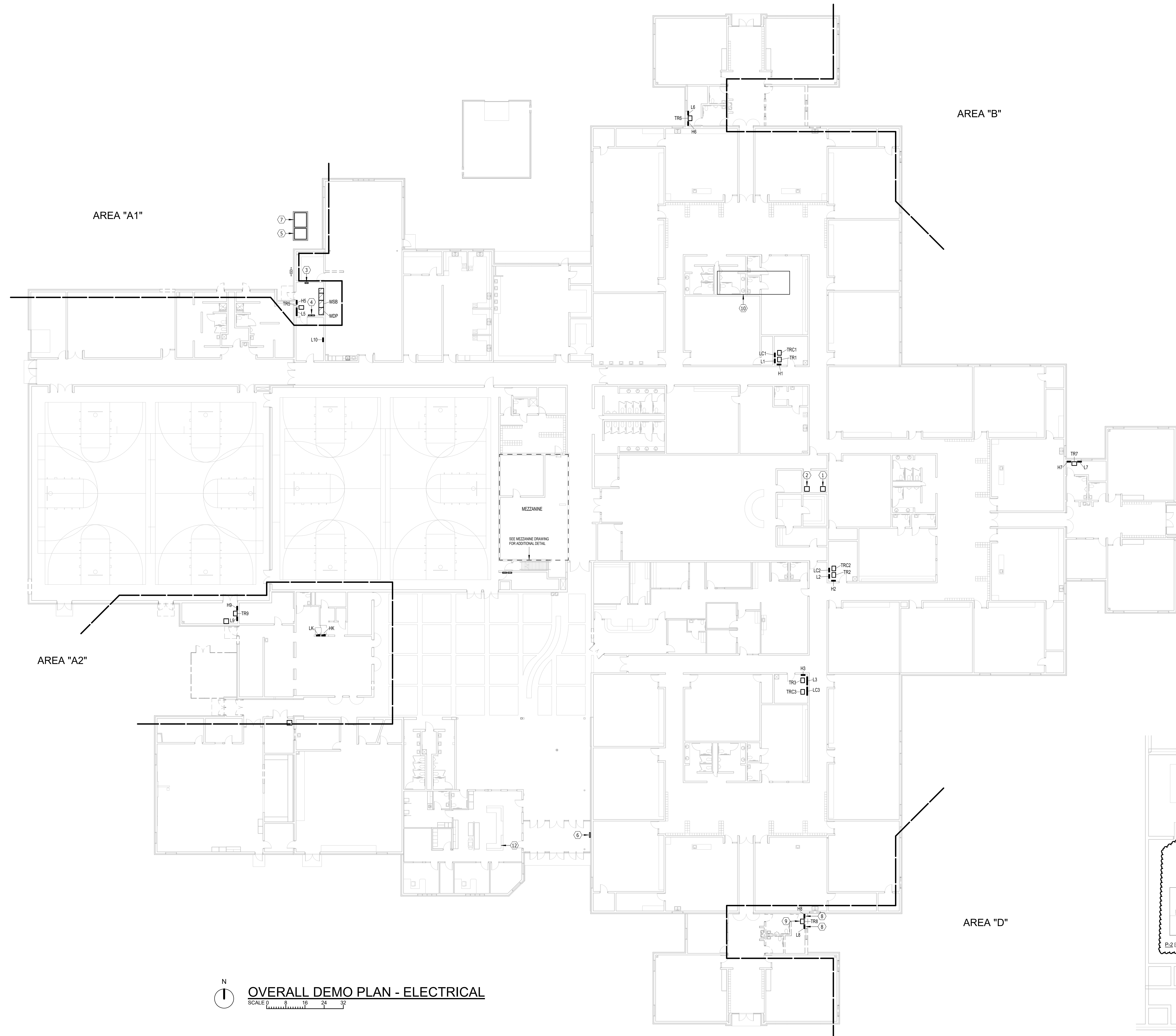
9.20

ELECTRICAL NOTES

- EXISTING COMMUNICATION AND DATA PROCESSING EQUIPMENT MDF DATA RACK LOCATION.
- EXISTING INTERCOM AND PROGRAM CLOCK SYSTEM (BOGEN M2000) HEADEND EQUIPMENT TO BE REPLACED WITH NEW BOGEN E7000. FIELD VERIFY EXACT LOCATION AND QUANTITY OF EXISTING STATION POINTS. NEW SYSTEM SHALL ACCOMMODATE A MINIMUM OF 110% OF THE QUANTITY OF EXISTING POINTS.
- EXISTING TELEPHONE, INTERNET AND CATV UTILITY DEMARK LOCATION.
- EXISTING FIRE ALARM CONTROL PANEL (MIRCOM). UPDATE AS REQUIRED FOR VOICE EVACUATION FUNCTIONALITY.
- EXISTING CT CABINET TO REMAIN.
- EXISTING FIRE ALARM REMOTE ANNUNCIATOR PANEL (MIRCOM). UPDATE AS REQUIRED FOR SYSTEM UPGRADE.
- COORDINATE RELOCATION OF EXISTING UTILITY TRANSFORMER WITH SIOUX VALLEY ELECTRIC.
- EXISTING PANELBOARDS TO BE REMOVED AND REUSED. REFEED ALL EXISTING CIRCUITS TO REMAIN FROM PANELBOARDS LOCATED IN:
- EXISTING DRY-TYPE TRANSFORMER TO BE REMOVED AND RELOCATED.
- UNDER ALTERNATE #1, PROVIDE PRICING TO DISCONNECT EXISTING ROOFTOP UNIT AND RECONNECT NEW UNIT.
- EXISTING SAUNING WIRELESS CLOCK SYSTEM TO REMAIN. LOCATED ON MEZZANINE.
- EXISTING INTERCOM SYSTEM DISPLAY TO BE REMOVED. FIELD VERIFY LOCATION. PROVIDE BLANK COVER PLATE OVER EXISTING BACKBOX.

GENERAL DEMOLITION SHEET NOTES

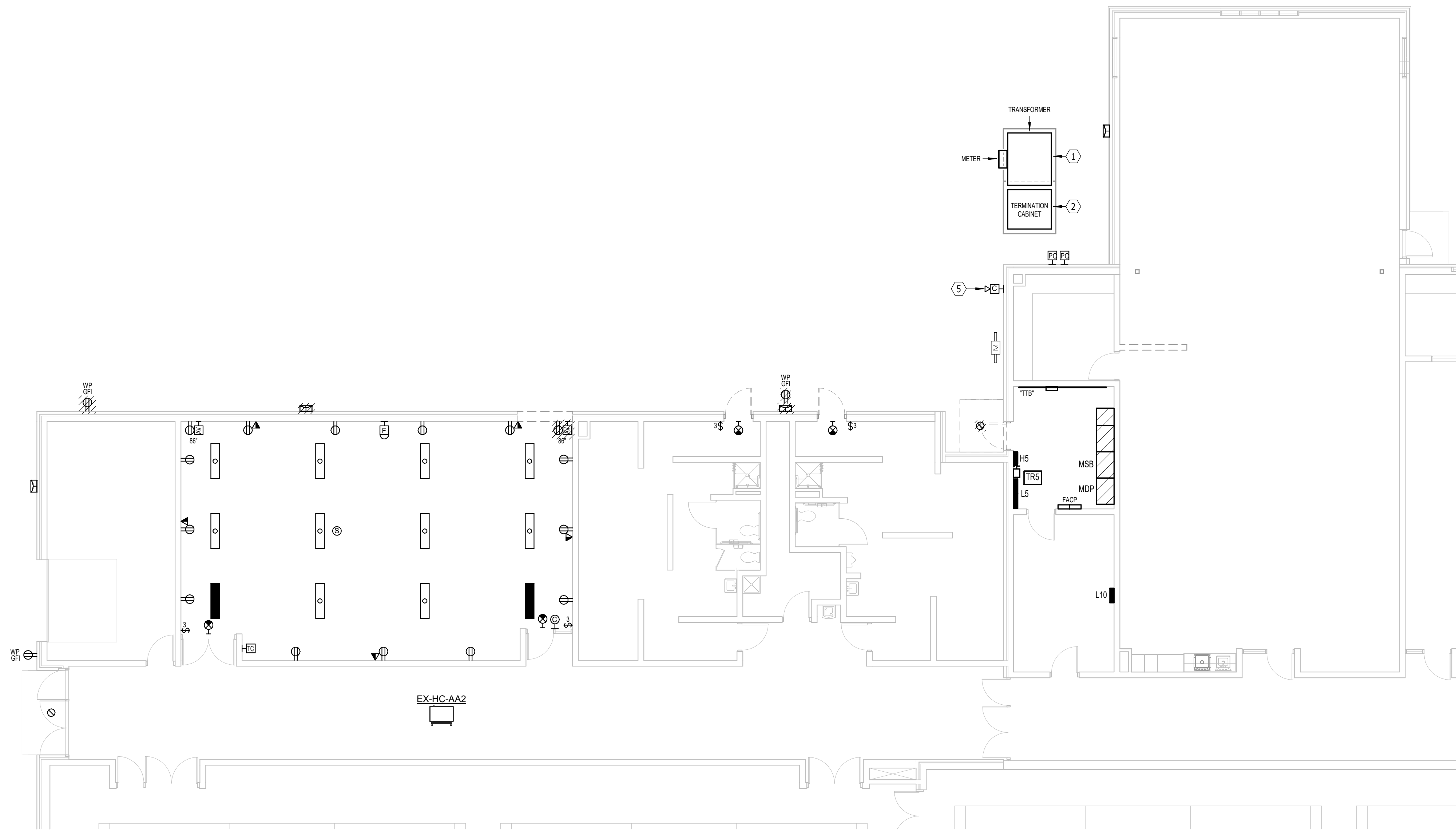
- DEMO HATCHED ITEMS.
- PERFORM ALL DEMOLITION WORK AS REQUIRED AND REMODELING WORK AS SHOWN ON THE DRAWINGS INCLUDING MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT.
- PRIOR TO SUBMITTING BID, CONTRACTOR SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS 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 CONDEAL 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.



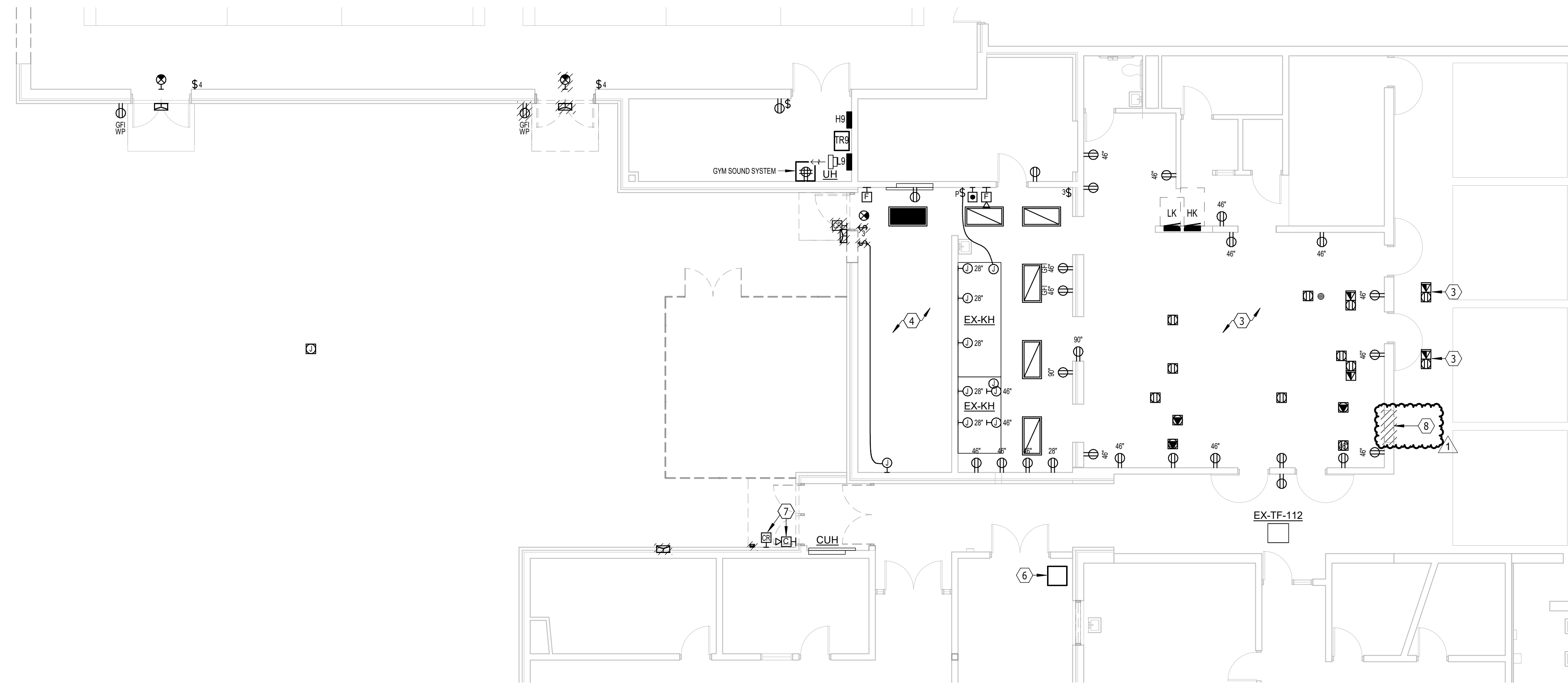
OVERALL DEMO PLAN - ELECTRICAL  
SCALE 0 8 16 24 32

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

3/6/2025 11:36:59 AM



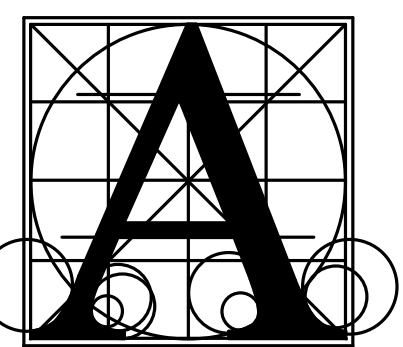
**DEMOLITION PLAN - AREA A1 - ELECTRICAL**  
 SCALE 0 4 8 12 16



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

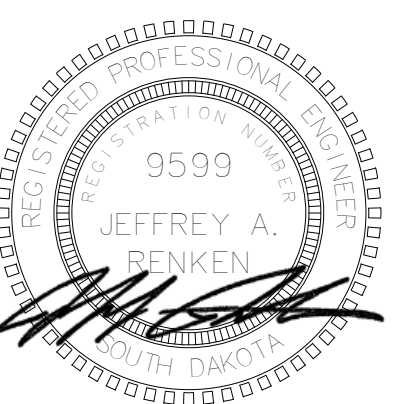
- ELECTRICAL NOTES**
- COORDINATE RELOCATION OF UTILITY TRANSFORMER WITH SIOUX VALLEY ENERGY. DEMO SECONDARY CONDUCTOR FROM TRANSFORMER TO CT CABINET.
  - CT CABINET TO REMAIN.
  - DEMO COVERS, RECEPTACLES AND DATA JACKS FROM ALL FLOOR BOXES SHOWN IN THIS ROOM INCLUDING ALL CONDUCTOR BACK TO THE SERVING 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. REINSTALL ALL.
  - EXISTING IDF DATA RACK TO REMAIN. PROVIDE NEW MOUNTING HARDWARE AS REQUIRED FOR TERMINATION OF NEW CABLING.
  - SAVAGE 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.



**Architecture Incorporated**  
 415 South Main Avenue  
 P.O. Box 2140  
 Sioux Falls, South Dakota 57101  
 Phone: (605) 339-1711

815 St Joseph Street, Suite 203  
 Rapid City, South Dakota 57701  
 Phone: (605) 721-1158

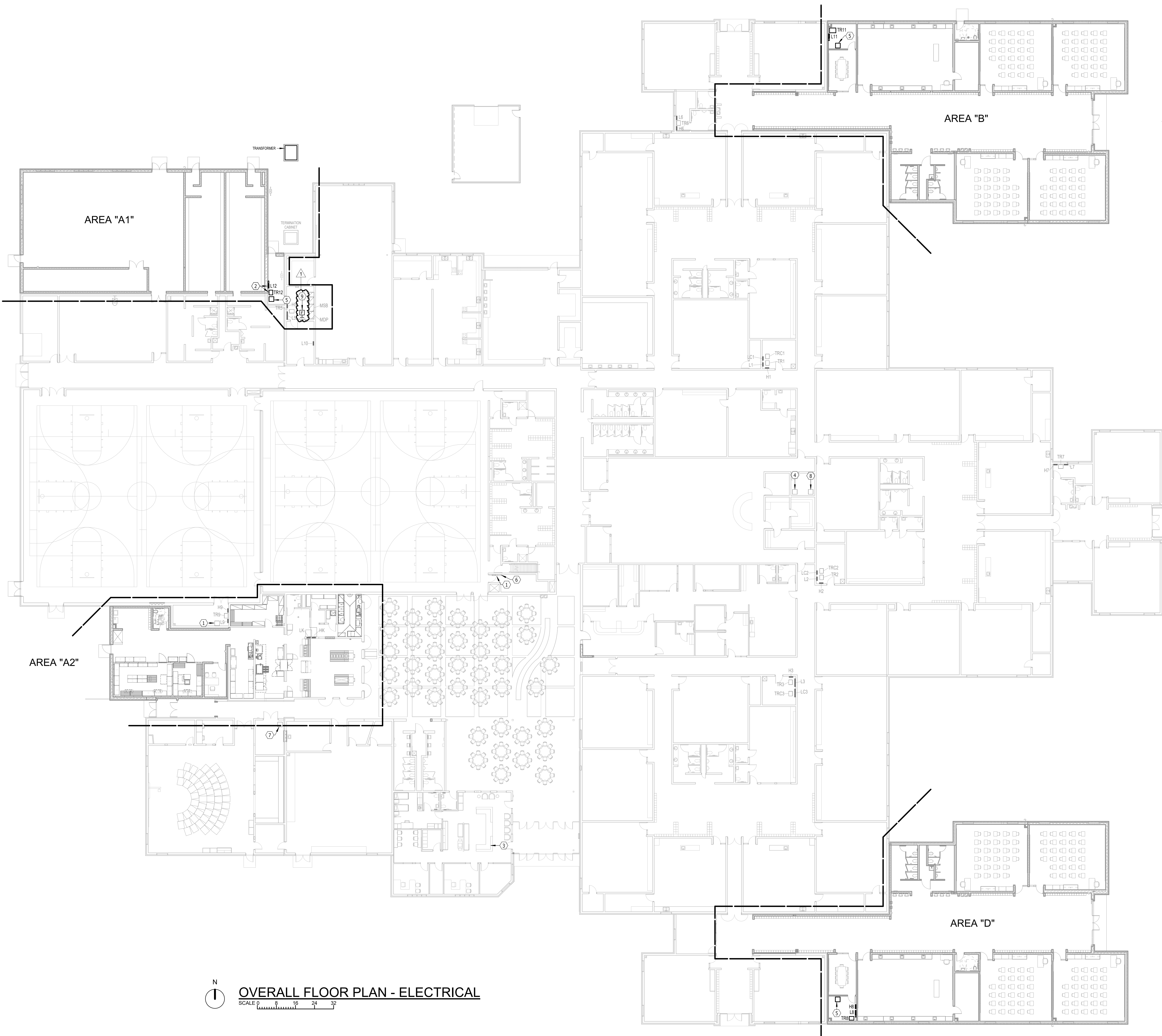


**Associated Consulting Engineering, Incorporated**  
 340 S. Phillips Ave.  
 Sioux Falls, SD 57104  
 (605) 335-3720  
 Fax 335-6220  
 E-mail acei@aceinet.com  
 ACEI PROJ. #124056

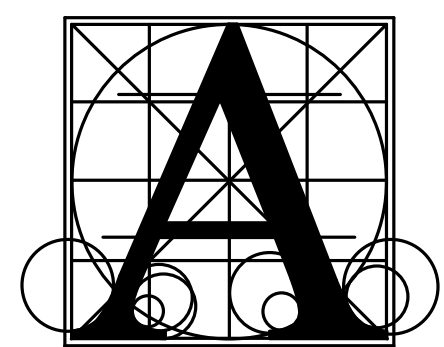
**BRANDON VALLEY MIDDLE SCHOOL ADDITION**  
**FIRST FLOOR - DEMOLITION PLAN - AREA A1 & A2 - ELECTRICAL**

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

**9.21**



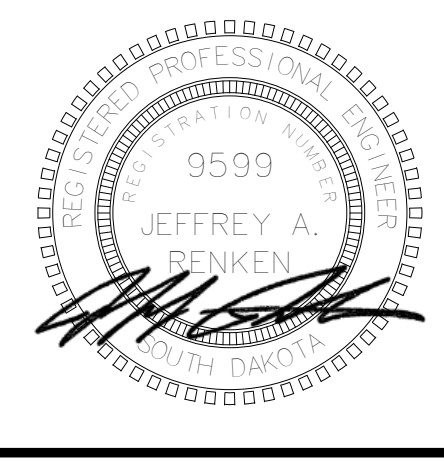
- ELECTRICAL NOTES**
- 1 EXISTING GYM SOUND SYSTEM TO REMAIN.
  - 2 SALVAGE EXISTING PANELBOARD L8 AND TRANSFORMER TR8. RELOCATE TO ELECTRICAL ROOM A101 AND RELABEL AS PANEL L12 AND TRANSFORMER TR12.
  - 3 NEW PAGING INTERCOM SYSTEM WITH TELEPHONES (17) COORDINATE EXACT LOCATION WITH OWNER.
  - 4 OWNER TO FURNISH 75 PAGING INTERCOM PHONES FOR ELECTRICAL CONTRACTOR TO INSTALL. TO UPGRADE EXISTING UNITS. ELECTRICAL CONTRACTOR TO PROVIDE GATEWAY PORT CAPACITY AND SOFTWARE LICENSING. COORDINATE LOCATIONS WITH OWNER.
  - 5 NEW IDF WALL MOUNT DATA RACK BY EC. PROVIDE 12 STRAND MULTIMODE FIBER TO MDF. GROUND BAR AND GROUND PER SPECIFICATIONS.
  - 6 EXISTING COMMONS SOUND SYSTEM TO REMAIN.
  - 7 EXISTING IDF DATA RACK TO REMAIN. PROVIDE NEW MOUNTING HARDWARE AS REQUIRED FOR TERMINATION OF NEW CABLING.
  - 8 EXISTING MDF DATA RACK TO REMAIN. PROVIDE NEW MOUNTING HARDWARE AS REQUIRED FOR TERMINATION OF NEW CABLING.
  - 9 PROVIDE A FIRE ALARM MANUAL PULL STATION AT FIRE ALARM CONTROL PANEL LOCATION.



**Architecture Incorporated**

415 South Main Avenue  
P.O. Box 2140  
Sioux Falls, South Dakota 57101  
Phone: (605) 339-1711

815 St. Joseph Street, Suite 203  
Rapid City, South Dakota 57701  
Phone: (605) 721-1158



**Associated Consulting Engineering Incorporated**

340 S. Phillips Ave.  
Sioux Falls, SD 57104  
(605) 335-3720  
Fax 335-6220  
E-mail acei@aceinet.com  
ACEI PROJ. #124056

**BRANDON VALLEY MIDDLE SCHOOL ADDITION**  
 OVERALL FLOOR PLAN - ELECTRICAL  
 sheet contents

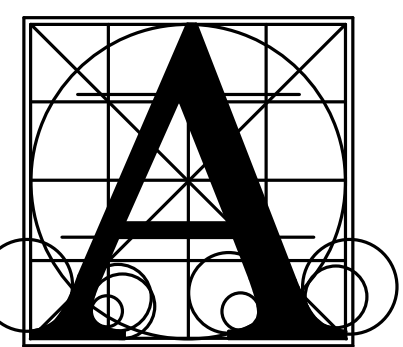
Project	number	0819.3090.24
	date	FEBRUARY 21, 2025
	revision	
	drawn	ADP checked JLU
DATE	DESCRIPTION	
3-6-25	Addendum #1	

**9.30**

MECHANICAL SCHEDULE FOR EXISTING RELOCATED AND NEW EQUIPMENT

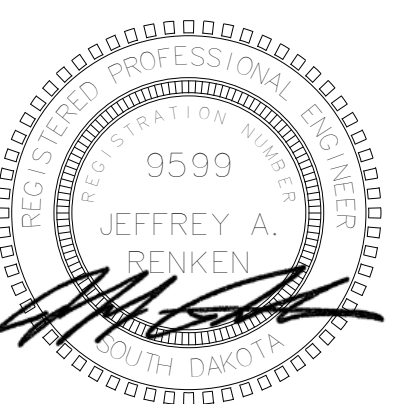
ITEM	QTY	NEW/EXIST.	RELOCATE	DESCRIPTION	VOLTS	PHASE	AMPS	KW	CONNECTION REMARKS
1	1	EXISTING	REMOVE	EXISTING WALK IN COOLER AND FREEZER	-	-	-	-	ELECTRICAL TO DISCONNECT ALL CONNECTIONS. GC TO REMOVE BOX & COND. UNITS
17	1	EXISTING	NO	KETTLE STAND	-	-	-	-	
18	1	EXISTING	NO	KETTLE, 12-GALLON, ELECTRIC	-	-	-	-	
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	120	1	-	-	CORD DROP FOR POWER TO 20-AMP DUPLEX OUTLET MOUNTED ON EQUIPMENT FOR ITEM 37
35	1	EXISTING	YES	MOBILE HOT FOOD SERVING COUNTER	208	1	22	-	VERIFY NEMA 14-30 CORD DROP RECEPTACLE
37	1	EXISTING	YES	MOBILE UTILITY SERVING COUNTER	120	1	17.5	-	PROVIDE 20-AMP CORD DROP RECEPTACLE
38	2	EXISTING	YES	MOBILE HOT CABINET	120	1	-	-	SOUTH UNIT USE EXISTING POWER, NORTH UNIT GETS NEW POWER
40	1	EXISTING	NO	MOBILE UTILITY SERVING COUNTER	120	1	-	-	
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	1.8	-	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 LK, CONNECT TO CIRCUIT MADE SPARE FROM DEMO OF FLOOR BOXES. PROVIDE NEW GFI CIRCUIT BREAKER.
  - 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 LK, CONNECT TO CIRCUIT MADE SPARE FROM DEMO OF FLOOR BOXES. PROVIDE NEW GFI CIRCUIT BREAKER.
  - 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.

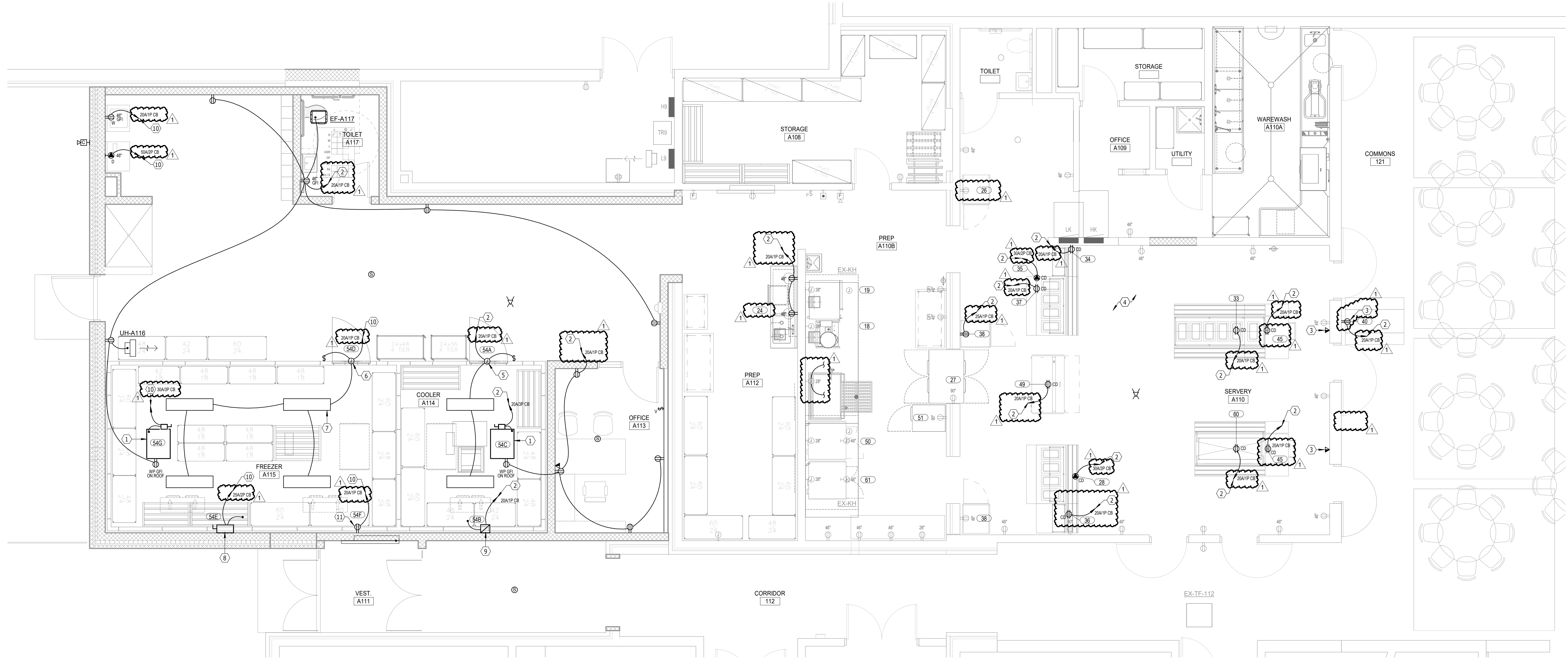


**Architecture Incorporated**  
 415 South Main Avenue  
 P.O. Box 2140  
 Sioux Falls, South Dakota 57101  
 Phone: (605) 339-1711

815 St. Joseph Street, Suite 203  
 Rapid City, South Dakota 57701  
 Phone: (605) 721-1158



**Associated Consulting Engineering, Incorporated**  
 340 S. Phillips Ave.  
 Sioux Falls, SD 57104  
 (605) 335-3720  
 Fax 335-6220  
 E-mail acei@aceinet.com  
 ACEI PROJ. #124056

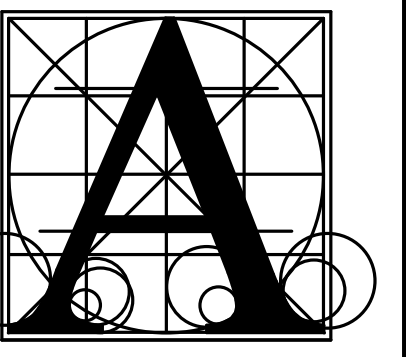


**ENLARGED FOOD SERVICE - POWER & SIGNAL**  
 SCALE 0 2 4 6 8

**BRANDON VALLEY MIDDLE SCHOOL ADDITION**  
 ENLARGED FLOOR PLANS - ELECTRICAL  
 Project sheet comments

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

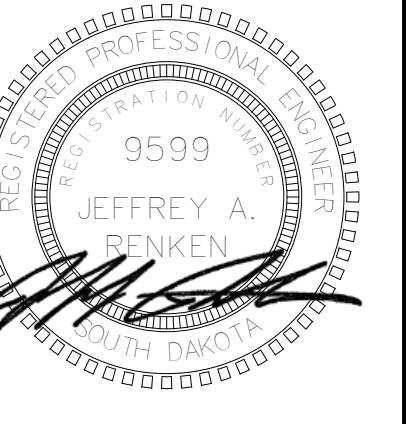
**9.40**



Architecture Incorporated

415 South Main Avenue  
P.O. Box 2140  
Sioux Falls, South Dakota 57101  
Phone: (605) 339-1711

815 St Joseph Street, Suite 203  
Rapid City, South Dakota 57701  
Phone: (605) 721-1158



Associated Consulting Engineering, Incorporated

340 S. Phillips Ave.  
Sioux Falls, SD 57104  
(605) 335-3720  
Fax 335-6220  
E-mail ace@aceinet.com

ACEI PROJ. #124056

BRANDON VALLEY MIDDLE SCHOOL ADDITION  
ELECTRICAL SCHEDULES

Project sheet contents

Table with columns: number, date, revision, drawn, checked, JLJ. Includes project number 0819.3090.24 and date FEBRUARY 21, 2025.

LIGHTING FIXTURE SCHEDULE

Table with columns: TYPE, MFR, NUMBER, LAMPS, VOLTS, DESCRIPTION, NOTES. Lists various lighting fixtures like LED4000K, LED2400K, etc.

- SPECIFIC NOTES: 1. PROVIDE CABLE LENGTHS AS REQUIRED FOR MOUNTING AT HEIGHTS INDICATED ON THE DRAWINGS. 2. PROVIDE WIRE GUARD WHERE INDICATED ON THE LIGHTING PLANS.

GENERAL NOTES: A. EMERGENCY LUMINAIRES WITHIN STORM SHELTERS SHALL HAVE A BATTERY BACKUP TIME OF 2 HOURS IN LIEU OF 90 MINUTES. SEE SHEET 1.20 FOR STORM SHELTER AREAS.

PANELBOARD: H10

Panelboard data for H10, including location, voltage, ratings, load descriptions, and totals.

PANELBOARD: L6

Panelboard data for L6, including location, voltage, ratings, load descriptions, and totals.

PANELBOARD: L12

Panelboard data for L12, including location, voltage, ratings, load descriptions, and totals.

PANELBOARD: L11

Panelboard data for L11, including location, voltage, ratings, load descriptions, and totals.

PANELBOARD: H6

Panelboard data for H6, including location, voltage, ratings, load descriptions, and totals.

PANELBOARD: H8

Panelboard data for H8, including location, voltage, ratings, load descriptions, and totals.

PANELBOARD: L8

Panelboard data for L8, including location, voltage, ratings, load descriptions, and totals.