INSTRUCTIONAL BUILDING
SISSETON WAHPETON COLLEGE
AGENCY VILLAGE, SD
PROJECT NO. 2023-0029

HKG ARCHITECTS, INC.
ADDENDUM DATE: April 9, 2025
Original Plans and Specifications Dated: March 7, 2025
BID DATE: Tuesday, April 15, 2025, 1:00 P.M. C.T.

SCOPE OF THIS ADDENDUM:

The following becomes a part of the original Drawings and Project Manual, taking precedence over the items that may conflict.
The bidder shall note receipt and make acknowledgement of the addendum on his bid form, incorporating its provision in his bid.
Addendum issued to all Prime Contract Bidders and to all others to whom Drawings and Project Manuals have been issued by the Architect.

ADDENDUM-1

DRAWINGS

ITEM NO. 1 - SHEET C104: ALTERNATE BID SITE GRADING

a. All work labeled Alternate Bid to be part of Alternate #1 pricing.

ITEM NO. 2 - SHEET A103: DEMOLITION PLANS & CODE REVIEW

a. Removed existing VCT flooring in Existing Votech Building Vestibule between Doors 113 & 124. Add new flooring to match Hallway 106 base bid or Alt #3.
b. Demo Key - #5 see detail 9/A104.

ITEM NO. 3 - SHEET A104: FLOOR PLANS, INTERIOR ELEVATIONS

a. Exterior walls should have R-19 Kraft faced batt insulation in lieu of sound insulation (wall types W4,W7 and 10 Window Sill Alt. #2).
b. 5 – Electrical Room Section: Height to be 10’-6 5/8” in lieu of 8’-6 5/8”.

ITEM NO. 4 - SHEET A105: ELEVATIONS & SECTIONS

a. Delete Sheet A105 and replace with attached Sheet A105 revised 4/7/25 with Elevation step and panel joints.

ITEM NO. 5 - SHEET A106: RCP, INTERIOR ELEVATION & ROOF PLAN

a. RCP, Class 112 is ACT ceiling, delete Gyp Bd hatch.
b. 13 Parapet @ Vestibules, parapet inside sheathing to be 5/8” OSB at all exterior walls.

ITEM NO. 6 - SHEET A107: SCHEDULES, DETAILS, FLOORING LAYOUT

a. Delete Sheet A107 and replace with attached Sheet A107 revised 4/9/25 with Elevation step Windows #7-13.

ITEM NO. 7 - SHEET S101: ROOF STRUCTURAL PLAN AND DETAILS

a. 9/S101 – Is at South wall / existing building only. Detail 8/S101 is to be used at other locations on Roof Framing Plan.
b. 1/S101 Roof Framing Plan - Delete L3 shown in Class 107 ceiling.

ITEM NO. 8 - SHEET E102: OVERALL ELECTRICAL PLAN

a. E324 Located on 2nd Floor.

SPECIFICATIONS

ITEM NO. 9 – TABLE OF CONTENTS:

a. Delete Sections 09 31 00 Ceramic Tile and 09 32 00 Quarry Tile. These are not used.

ITEM NO. 10 – PROPOSAL:

a. GENERAL NOTES – TERO Tax is 4% in lieu of 3%. Do not include SD State Excise and Sales Tax.

ITEM NO. 11 – SUPPLEMENTS TO INSTRUCTIONS TO BIDDERS:

a. Bid Time: 1:00 P.M. C.T. in lieu of 2:00 P.M. C.T.

ITEM NO. 12 – WAGE DETERMINATION SCHEDULES:

a. Use the greater of the Davis Bacon and Tribal Prevailing Wage Schedules.

ITEM NO. 13 – SECTION 01 21 16 – CONTINGENCY ALLOWANCES:

a. Furnish and Install Landscape Plastic and Rock and Seeding to be base bid. Landscape Allowance for Planting.

ITEM NO. 14 – SECTION 01 50 00 – GENERAL REQUIREMENTS:

a. Vinyl snow fence is allowable for construction fencing.

ITEM NO. 15 – SECTION 07 41 10 – METAL ROOF PANELS:

a. Add Section 07 41 10 in its entirety (5 pages).

ITEM NO. 16 – SECTION 07 41 13 – METAL ROOF PANELS:

a. Delete Section 07 41 13 (5 pages).

ITEM NO. 17 – SECTION 08 71 00 – DOOR HARDWARE:

a. Door 23 to be in Hardware Set #04.
b. Add: Hardware Set #06 – Doors 13, 22

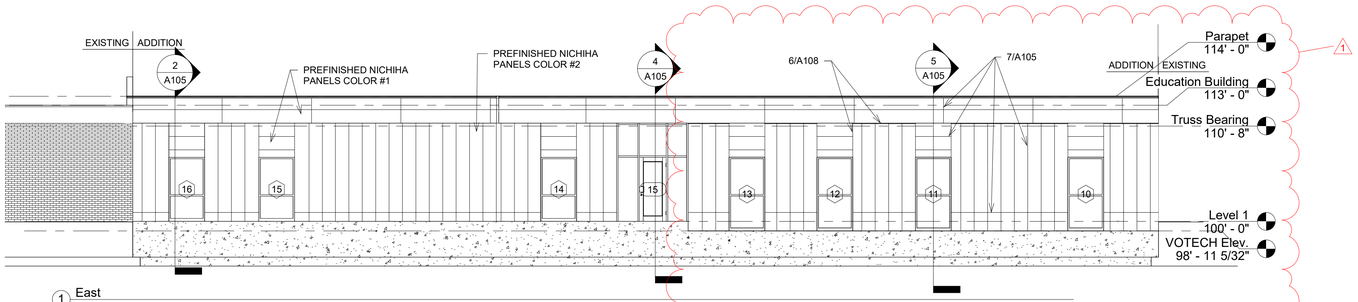
8 – 5BB1HW 4.5 X 4.5 HINGE	652	IVE
2 – 99L-F PANIC 4’	626	VON
1 – KR9954 MULLION	689	VON
3 – CYLINDERS	626	SCH
2– 4040XP RW/PA CLOSER	689	LCN
2 – 8400 10” X 46” KICKPLATE	630	IVE
2 – C607A 108” ASTRAGAL	CL	NGP
1 – 5050B 25’ SEALS	BRN	NGP
2 – WS407CCV WALL STOP	630	IVE

APPROVED EQUALS

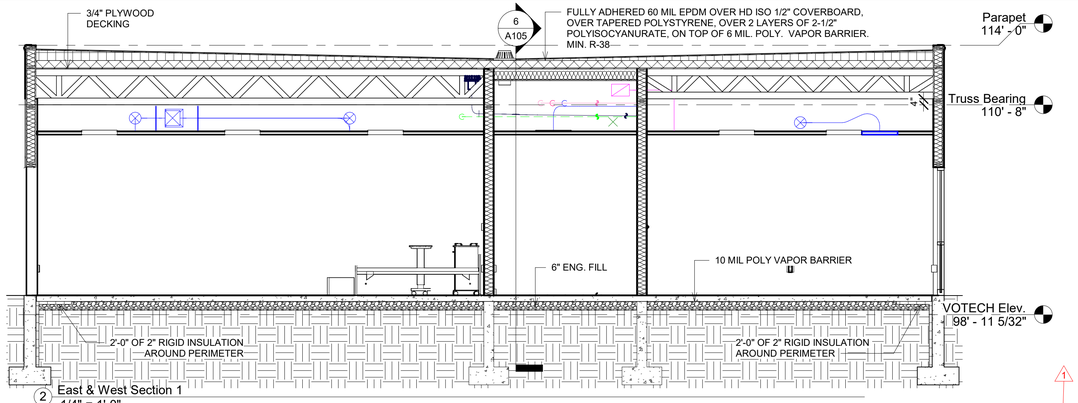
01 33 00: Procore
07 41 10: 24 gauge w/1-3/4” Rib (Central States – Central Snap)
08 41 13: Stanley M-Force Operator (Full Energy w/ Swing-Guard Safety)

SEE ATTACHED HELMS ADD #1 (12 PAGES)
SOLIEN & LARSON ADD #1 (2 PAGES)
WPE ADD 1 (6 PAGES)

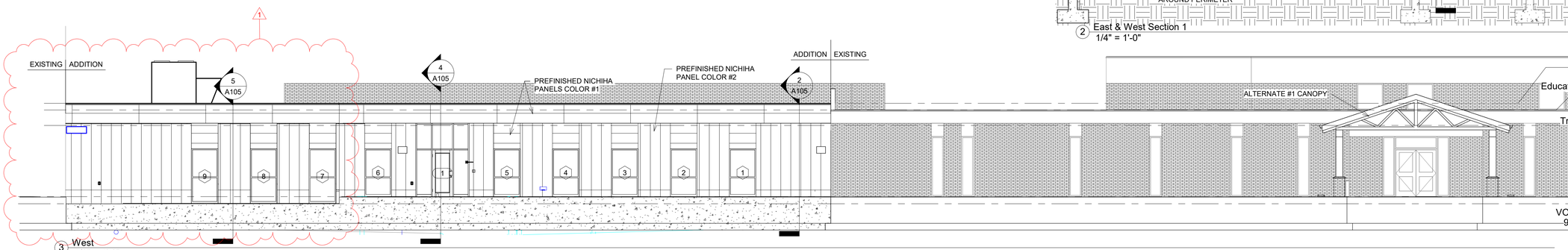
END OF ADDENDUM-1



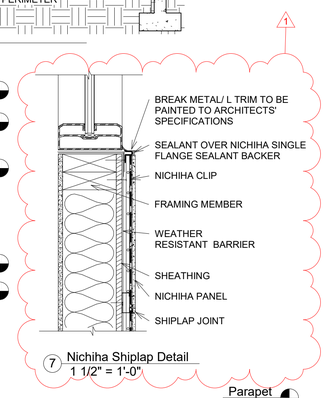
1 East
1/8" = 1'-0"



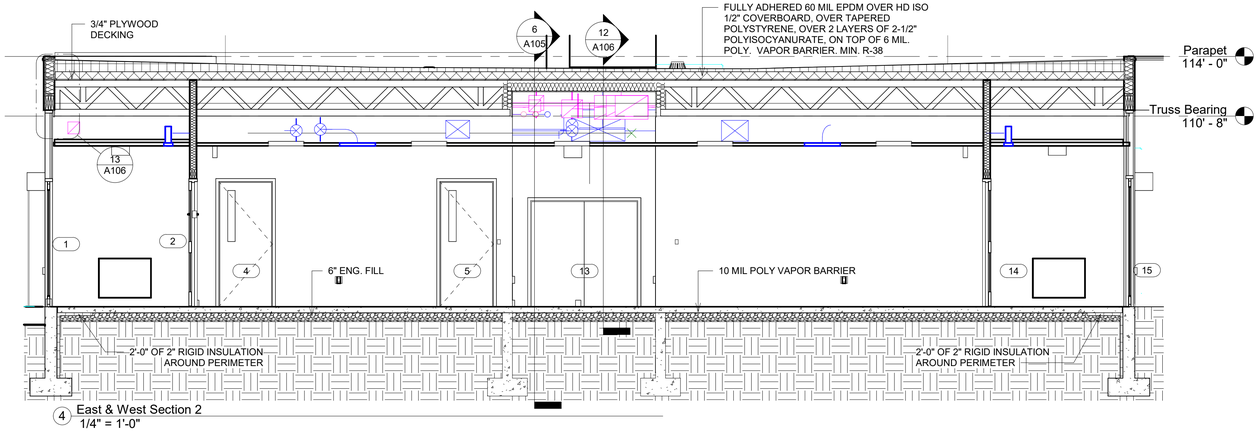
2 East & West Section 1
1/4" = 1'-0"



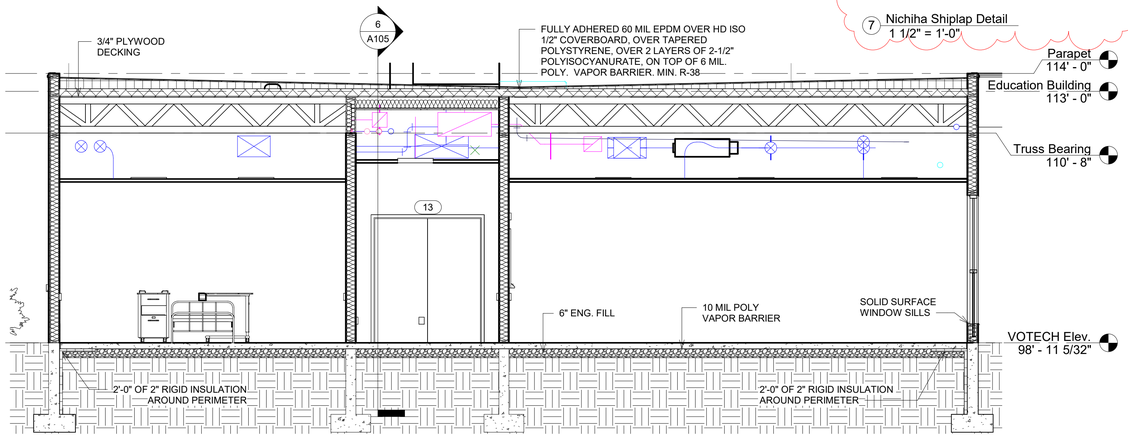
3 West
1/8" = 1'-0"



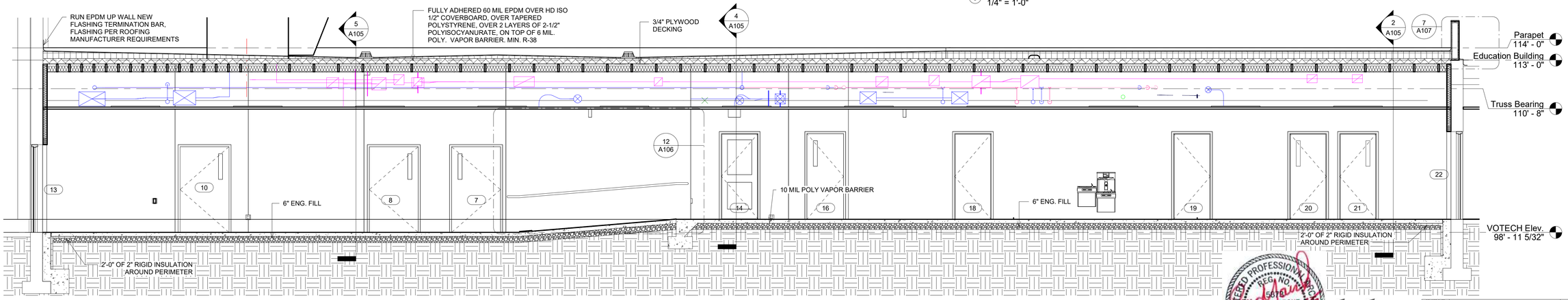
7 Nichiha Shiplap Detail
1 1/2" = 1'-0"



4 East & West Section 2
1/4" = 1'-0"



5 East & West Section 3
1/4" = 1'-0"



6 North & South Section
1/4" = 1'-0"

1 ±1'-1" FOUNDATION STEP-DOWN ON NORTH SIDE OF BUILDING. NEW WINDOW TYPE "C" MADE FOR AFFECTED WINDOWS

REGISTERED PROFESSIONAL ARCHITECT
REG. NO. 5076
LEAN MARSKE
SOUTH DAKOTA
11/7/25

hkg architects

REVISED DATE 4/7/25

Plans for
Instructional Building
Sisseton Wahpeton College
Agency Village, South Dakota

Elevations & Sections

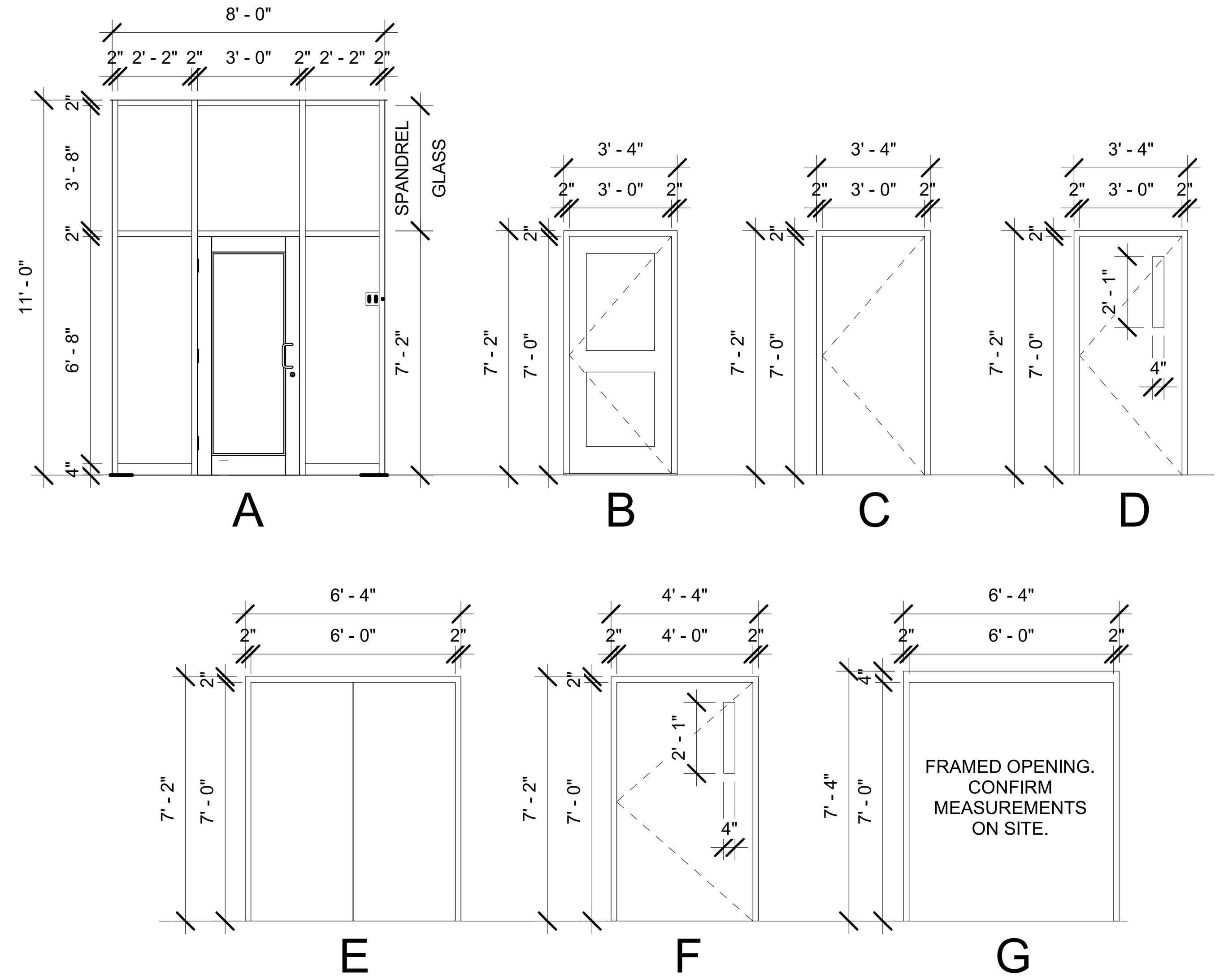
DRAWN BY CH
TRACED BY
CHECKED BY AS

A105
OF- 8

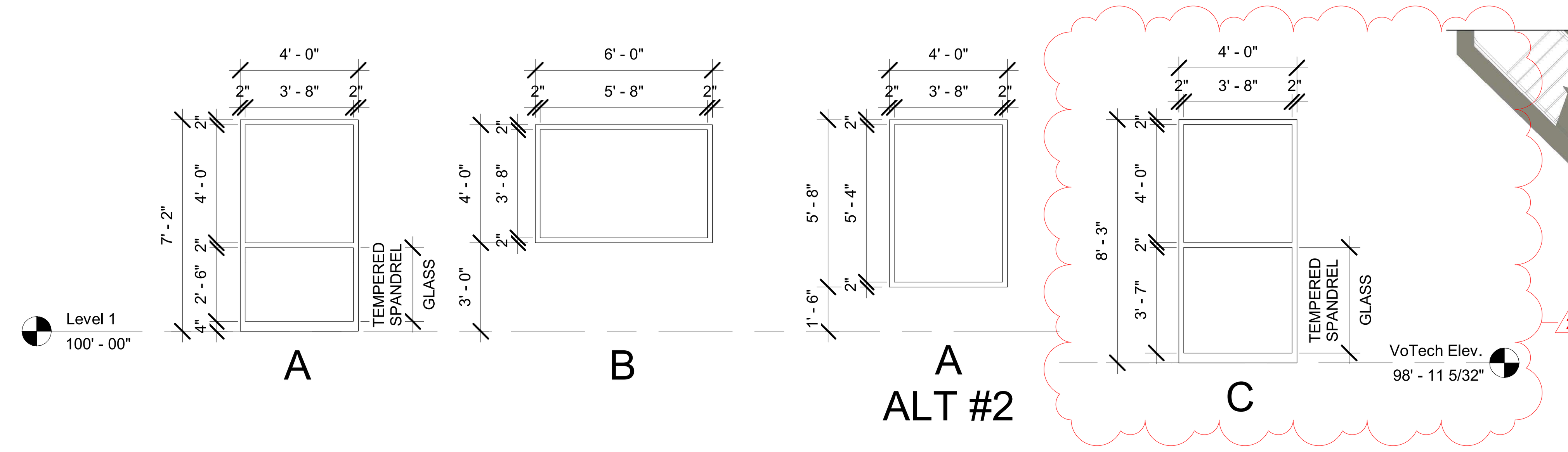
DATE 3/7/25
PROJECT NO. 2023-0029

CERT. NO.

HKG Architects, Inc. Aberdeen, S.D.

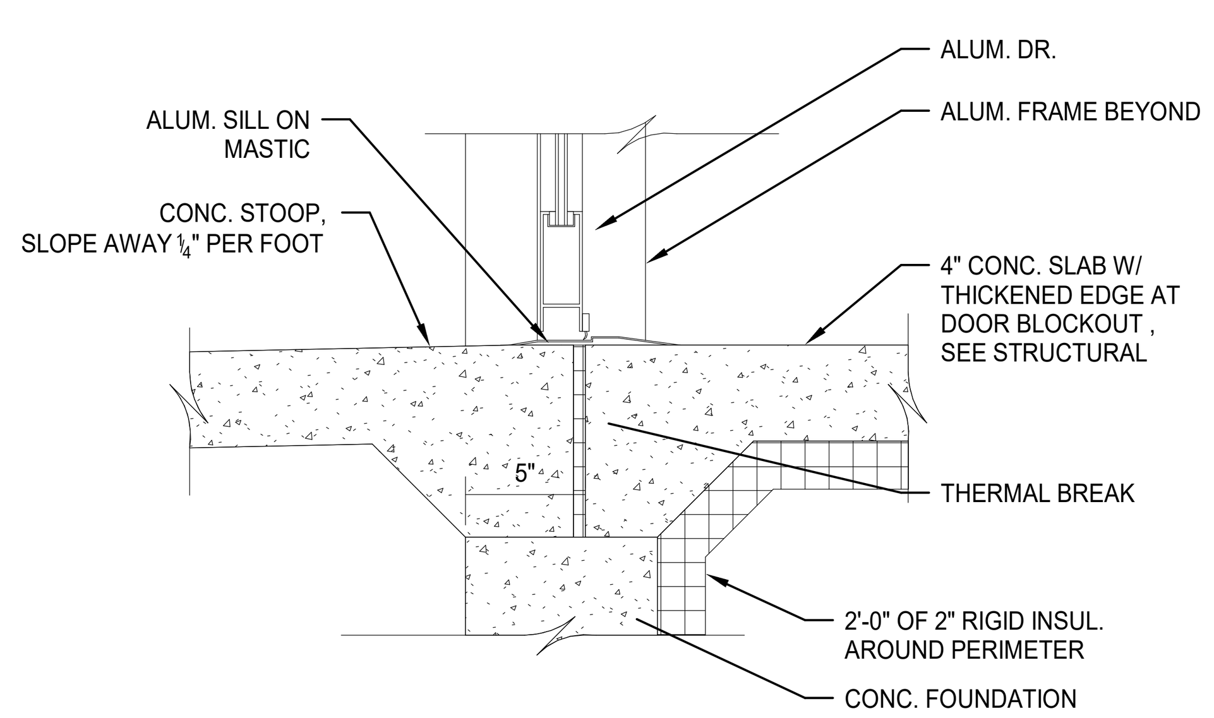


Door Schedule									
Mark	Width	Height	Thickness	Type	Material	Glazing	Frame	Details	Comments
1	3' - 0"	7' - 0"		A	Alum.	1" Tempered Insul.	Alum.	1/A106, 4/A106, 5/A106	
2	3' - 0"	7' - 0"	0' - 1 3/4"	B	Alum.	1/4" Tempered	Alum.	4/A106, 5/A106	
3	3' - 0"	7' - 0"	0' - 1 3/4"	D	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
4	3' - 0"	7' - 0"	0' - 1 3/4"	D	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
5	3' - 0"	7' - 0"	0' - 1 3/4"	D	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
6	3' - 0"	7' - 0"	0' - 1 3/4"	C	Wood	None	HM	2/A106, 3/A106	20 Min. Door
7	4' - 0"	7' - 0"	0' - 1 3/4"	F	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
8	4' - 0"	7' - 0"	0' - 1 3/4"	F	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
9	4' - 0"	7' - 0"	0' - 1 3/4"	F	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
10	4' - 0"	7' - 0"	0' - 1 3/4"	F	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
11	3' - 0"	7' - 0"	0' - 1 3/4"	C	Wood	None	HM	2/A106, 3/A106	20 Min. Door
12	3' - 0"	7' - 0"	0' - 1 3/4"	C	Wood	None	HM	2/A106, 3/A106	20 Min. Door
13	6' - 0"	7' - 0"	0' - 1 3/4"	E	Wood	None	HM	2/A106, 3/A106	90 Min. Rated Door
14	3' - 0"	7' - 0"	0' - 1 3/4"	B	Alum.	1/4" Tempered	Alum.	4/A106, 5/A106	
15	3' - 0"	7' - 2"		A	Alum.	1" Tempered Insul.	Alum.	1/A106, 4/A106, 5/A106	
16	3' - 0"	7' - 0"	0' - 1 3/4"	D	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
17	4' - 0"	7' - 0"	0' - 1 3/4"	F	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
18	3' - 0"	7' - 0"	0' - 1 3/4"	C	Wood	None	HM	2/A106, 3/A106	20 Min. Door
19	3' - 0"	7' - 0"	0' - 1 3/4"	C	Wood	None	HM	2/A106, 3/A106	20 Min. Door
20	3' - 0"	7' - 0"	0' - 1 3/4"	D	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
21	3' - 0"	7' - 0"	0' - 1 3/4"	D	Wood	20 Min. Rated Glazing	HM	2/A106, 3/A106	20 Min. Door
22	6' - 0"	7' - 0"	0' - 1 3/4"	E	Wood	None	HM	2/A106, 3/A106	90 Min. Rated Door
23	3' - 0"	7' - 0"	0' - 1 3/4"	C	Wood	None	HM	2/A106, 3/A106	
24	6' - 4"	7' - 4"		G	NA	None	HM	9/A107	REMOVE EXISTING DOOR, FRAME OPENING. CONFIRM MEASUREMENTS ON SITE

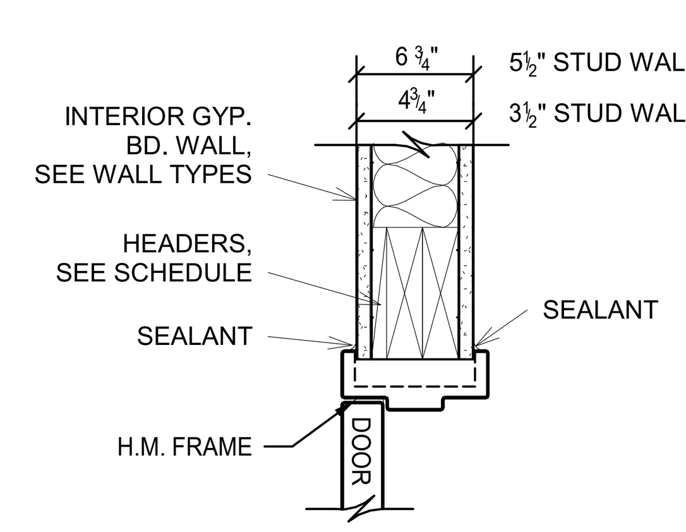


Window Schedule							
Mark	Width	Height	Window Type	Window Glazing	Window Frame	Detail	Comments
1	4' - 0"	7' - 2"	A	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
2	4' - 0"	7' - 2"	A	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
3	4' - 0"	7' - 2"	A	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
4	4' - 0"	7' - 2"	A	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
5	4' - 0"	7' - 2"	A	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
6	4' - 0"	7' - 2"	A	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
7	4' - 0"	7' - 2"	C	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
8	4' - 0"	7' - 2"	C	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
9	4' - 0"	7' - 2"	C	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
10	4' - 0"	7' - 2"	C	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
11	4' - 0"	7' - 2"	C	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
12	4' - 0"	7' - 2"	C	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
13	4' - 0"	7' - 2"	C	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
14	4' - 0"	7' - 2"	A	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
15	4' - 0"	7' - 2"	A	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
16	4' - 0"	7' - 2"	A	1" Annealed Insul. W/ Low-E	Alum.	17/A108, 18/A108	IF ALT. #2 ACCEPTED REFER TO 10/A104 FOR WINDOW SILL
17	6' - 0"	4' - 0"	B	1/4" 1-Way Glass	HM	6/A107	ONE WAY GLASS LOOKING FROM OBSERVATION ROOM INTO PATIENT ROOM

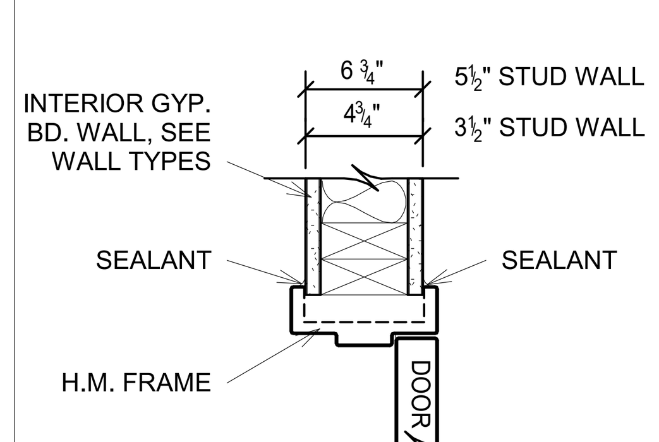
Room Schedule									
Number	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	CLG. Height	Wall Paint	Ceiling Paint	Comments
101	Vest	WALK OFF CARPET	Vinyl	GYPDW	GYPDW	9'-0"	EN	EN	
102	Office	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
103	Office	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
104	Reception & Work Area	VCT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
105	Office	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
106	Hallway	VCT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	Match Existing VCT Pattern & Colors in VoTech Hallways. See Flooring Layout 8/A107
107	Class	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
108	Observation Room	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
109	Patient Room	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
110	Class	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
111	Storage/ Files	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
112	Class	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
113	Mech/ Jan.	Sealed Conc.	Vinyl	GYPDW	GYPDW	Open to Above	EN	EN	
114	Vest	WALK OFF CARPET	Vinyl	GYPDW	GYPDW	9'-0"	EN	EN	
115	Computer Testing	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
116	Nursing Lab	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
117	RR	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
118	RR	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
119	Office	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
120	Office	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	
121	Student Center	LVT	Vinyl	GYPDW	ACT	9'-0"	EN	NONE	



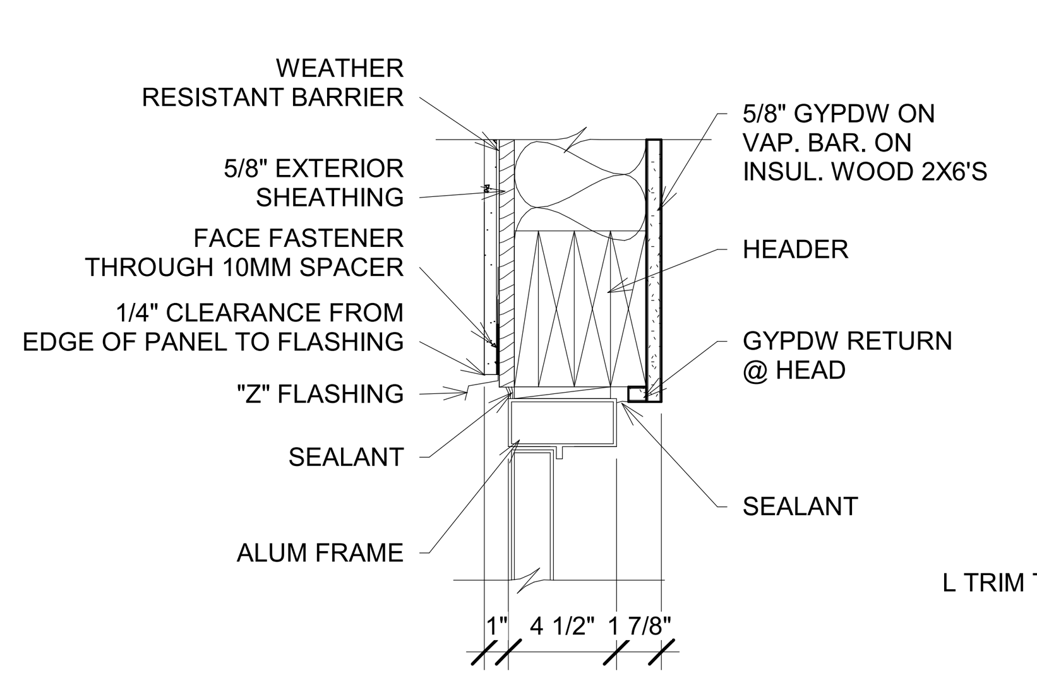
1 Typ. Alum. Door Sill
1 1/2" = 1'-0"



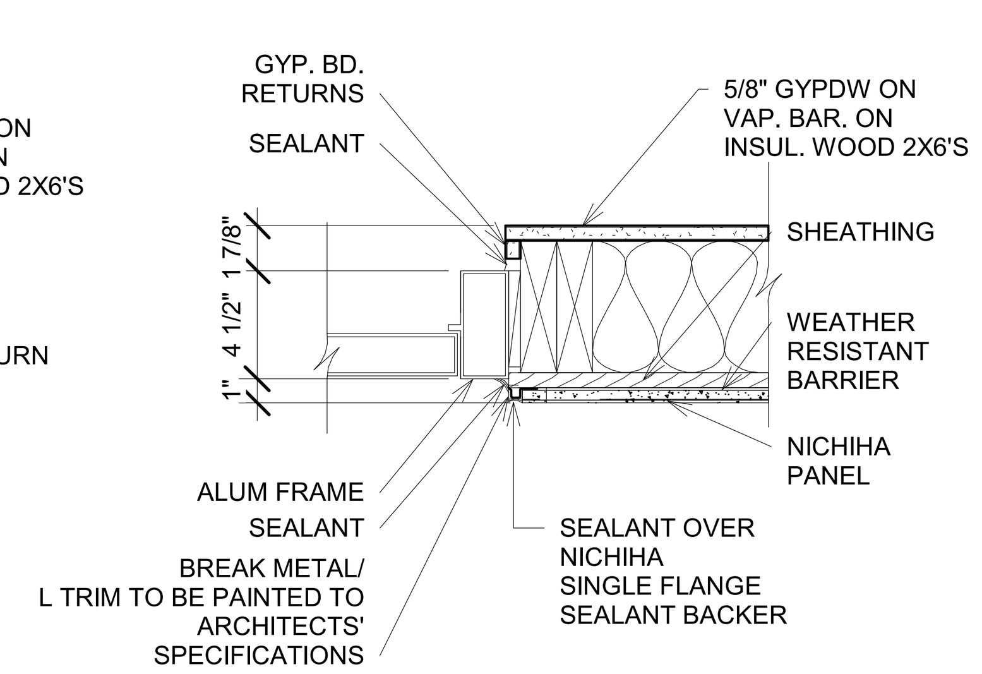
2 Typ. HM Door Head
1 1/2" = 1'-0"



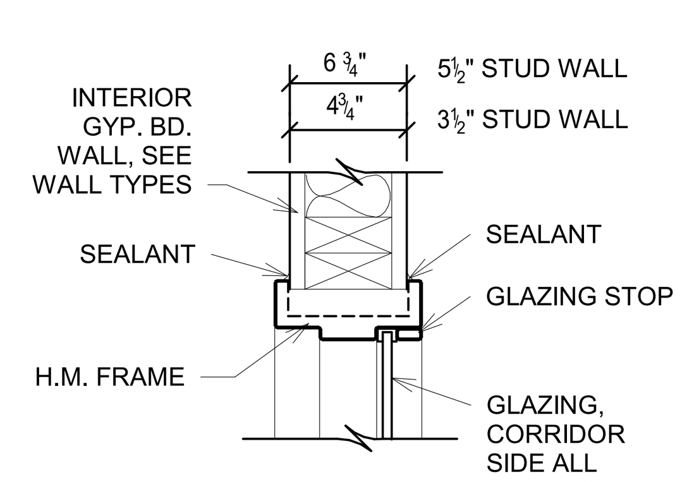
3 Typ. HM Door Jamb
1 1/2" = 1'-0"



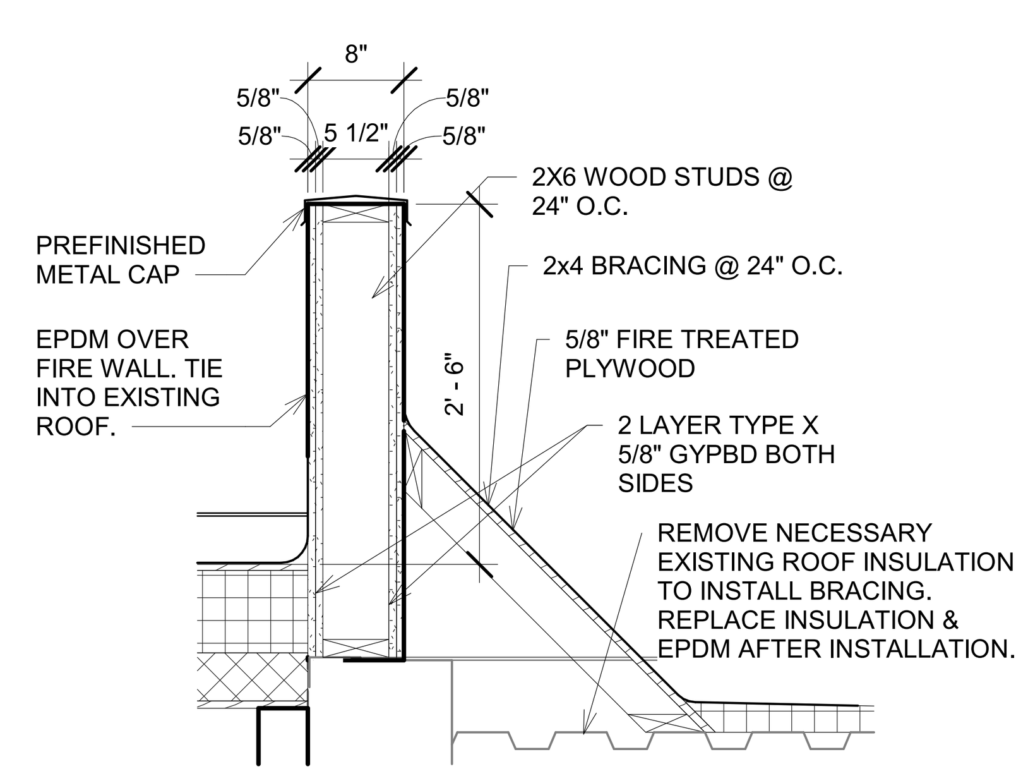
4 Typ. Alum. Door Head
1 1/2" = 1'-0"



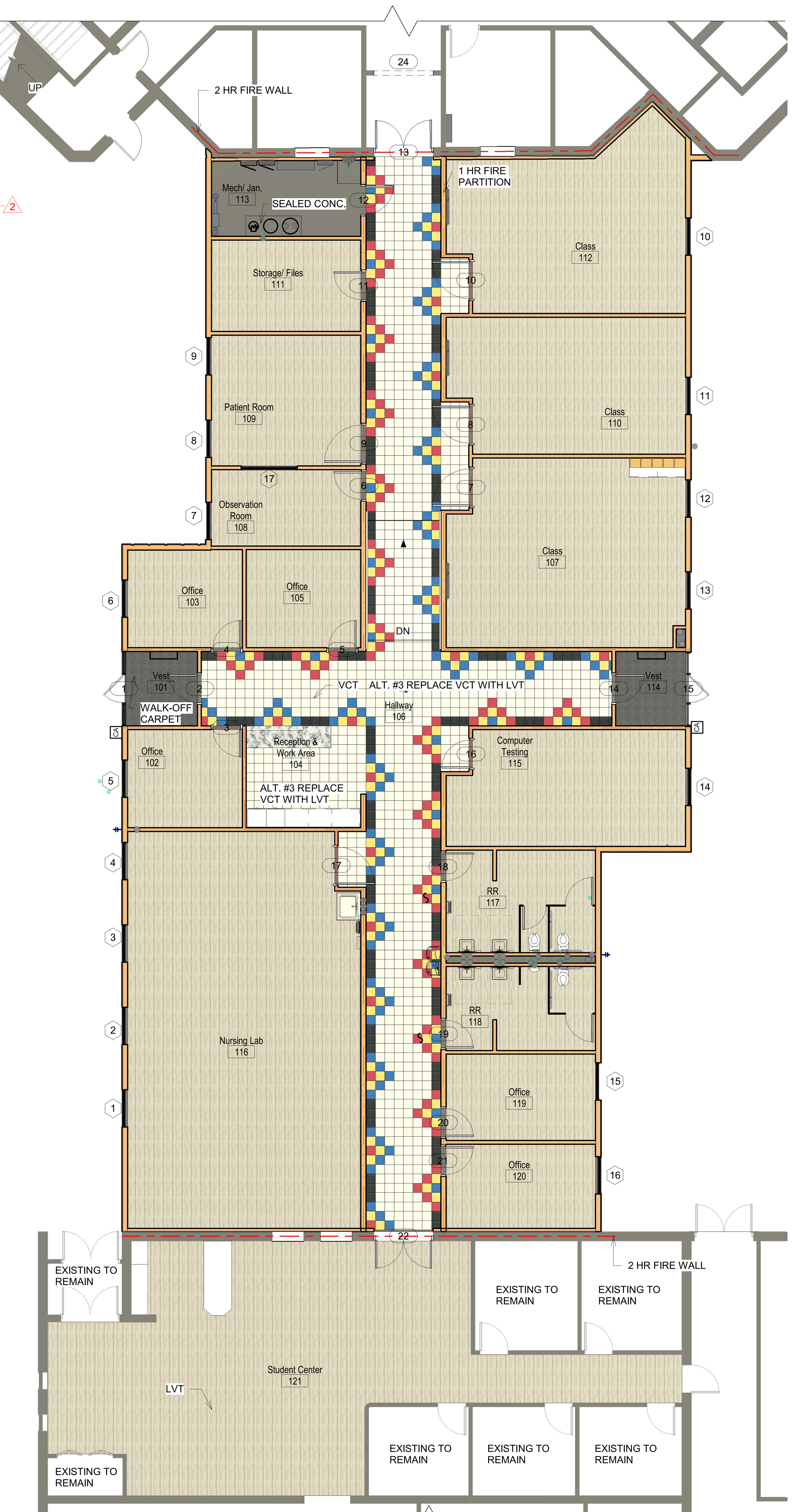
5 Typ. Alum. Door Jamb
1 1/2" = 1'-0"



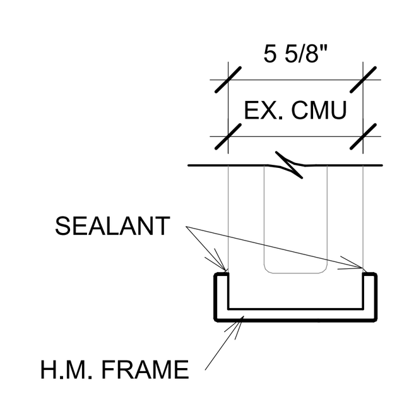
6 Typ. Interior Window
1 1/2" = 1'-0"



7 South Parapet Detail
3/4" = 1'-0"



8 Level 1 Flooring
1/8" = 1'-0"



9 HM FRAMED OPENING
1 1/2" = 1'-0"

2 ±1'-1" FOUNDATION STEP-DOWN ON NORTH SIDE OF BUILDING. NEW WINDOW TYPE "C" MADE FOR AFFECTED WINDOWS

hkg architects

4/9/25

Plans for
Instructional Building
Sisseton Wahpeton College
Agency Village, South Dakota

HKG Architects, Inc. Aberdeen, S.D.

Schedules, Details, & Flooring Layout

A107

3/7/25 2023-0029

SECTION 07 41 10 - METAL ROOF PANELS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes the following:
   1. Factory-formed and field-assembled, standing-seam metal roof panels.

B. Related Sections include the following:
   1. Division 7 Section "Metal Wall Panels" for factory-formed metal soffit panels.
   2. Division 7 Section "Sheet Metal Flashing and Trim" for fasciae, flashings and other sheet metal work not part of metal roof panel assemblies.
   3. Division 7 Section "Joint Sealants" for field-applied sealants not otherwise specified in this Section.

1.3 DEFINITIONS

A. Metal Roof Panel Assembly: Metal roof panels, attachment system components, miscellaneous metal framing, thermal insulation, and accessories necessary for a complete weathertight roofing system.

B. Steel Sheet Thickness: Minimum thickness of base metal without metallic coatings or painted finishes.

1.4 PERFORMANCE REQUIREMENTS

A. General: Provide metal roof panel assemblies that comply with performance requirements specified as determined by testing manufacturers' standard assemblies similar to those indicated for this Project, by a qualified testing and inspecting agency.

B. Air Infiltration: Air leakage through assembly of not more than 0.06 cfm/sq. ft. of roof area when tested according to ASTM E 283 at the following test-pressure difference:
   1. Test-Pressure Difference: Negative 1.57 lbf/sq. ft..
   2. Positive Preload Test-Pressure Difference: Greater than or equal to 15.0 lbf/sq. ft. and the greater of 75 percent of building live load or 50 percent of building design positive wind-pressure difference.
   3. Negative Preload Test-Pressure Difference: 50 percent of design wind-uplift-pressure difference.

C. Water Penetration: No water penetration when tested according to ASTM E 331 at the following test-pressure difference:
   1. Test-Pressure Difference: 20 percent of positive design wind pressure, but not less than 6.24 lbf/sq. ft. and not more than 12.0 lbf/sq. ft..
   2. Positive Preload Test-Pressure Difference: Greater than or equal to 15.0 lbf/sq. ft. and the greater of 75 percent of building live load or 50 percent of building design positive wind-pressure difference.
   3. Negative Preload Test-Pressure Difference: 50 percent of design wind-uplift-pressure difference.

D. Water Absorption: Maximum 1.0 percent absorption rate by volume when tested according to ASTM C 209.

E. Wind-Uplift Resistance: Provide metal roof panel assemblies that comply with UL 580 for wind-uplift resistance class indicated.

F. Structural Performance: Provide metal roof panel assemblies capable of withstanding the effects of gravity loads and the following loads and stresses within limits and under conditions indicated, based on testing according to ASTM E 330:
   1. Wind Loads: Determine loads based on the following minimum design wind pressures:
      a. 90 mph basic wind speed.
   2. Snow Loads: 40 lbf/sq. ft..
   3. Deflection Limits: Engineer metal roof panel assemblies to withstand design loads with vertical deflections no greater than 1/180 of the span.

G. Thermal Movements: Provide metal roof panel assemblies that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
   1. Temperature Change (Range): 120 deg F, ambient; 180 deg F, material surfaces.

H. Thermal Performance: Provide insulated metal roof panel assemblies with thermal-resistance value (R-value) indicated when tested according to ASTM C 236 or ASTM C 518.

I. Solar Reflectance for Roofs with Slopes of 2:12 or Less: Initial solar reflectance of not less than 0.65 when tested according to ASTM E 903, and maintained, under normal conditions, solar reflectance of not less than 0.50 for 3 years after installation.

J. Solar Reflectance for Roofs with Slopes Steeper Than 2:12: Initial solar reflectance of not less than 0.25 when tested according to ASTM E 903, and maintained, under normal conditions, solar reflectance not less than 0.15 for 3 years after installation.

1.5 QUALITY ASSURANCE

A. Source Limitations: Obtain each type of metal roof panels through one source from a single manufacturer.

B. Product Options: Drawings indicate size, profiles, and dimensional requirements of metal roof panels and are based on the specific system indicated. Refer to Division 1 Section "Product Requirements."

1. Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If modifications are proposed, submit comprehensive explanatory data to Architect for review.

C. Surface-Burning Characteristics: Provide insulated metal roof panels having insulation core material with the following surface-burning characteristics as determined by testing identical products per ASTM E 84 by UL or another testing and inspecting agency acceptable to authorities having jurisdiction:

1. Flame-Spread Index: 25 or less, unless otherwise indicated.
2. Smoke-Developed Index: 450 or less, unless otherwise indicated.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver components, sheets, metal roof panels, and other manufactured items so as not to be damaged or deformed. Package metal roof panels for protection during transportation and handling.

B. Unload, store, and erect metal roof panels in a manner to prevent bending, warping, twisting, and surface damage.

C. Stack metal roof panels on platforms or pallets, covered with suitable weathertight and ventilated covering. Store metal roof panels to ensure dryness. Do not store metal roof panels in contact with other materials that might cause staining, denting, or other surface damage.

D. Protect strippable protective covering on metal roof panels from exposure to sunlight and high humidity, except to extent necessary for period of metal roof panel installation.

1.7 PROJECT CONDITIONS

A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit assembly of metal roof panels to be performed according to manufacturers' written instructions and warranty requirements.

B. Field Measurements: Verify locations of roof framing and roof opening dimensions by field measurements before metal roof panel fabrication and indicate measurements on Shop Drawings.

1. Established Dimensions: Where field measurements cannot be made without delaying the Work, either establish framing and opening dimensions and proceed with fabricating metal roof panels without field measurements, or allow for field-trimming of panels. Coordinate roof construction to ensure that actual building dimensions, locations of structural members, and openings correspond to established dimensions.

1.8 COORDINATION

A. Coordinate installation of roof curbs, equipment supports, and roof penetrations, which are specified in Division 7 Section "Roof Accessories."

B. Coordinate metal panel roof assemblies with rain drainage work, flashing, trim, and construction of decks, parapets, walls, and other adjoining work to provide a leakproof, secure, and noncorrosive installation.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. In other Part 2 articles where titles below introduce lists, the following requirements apply for product selection:

1. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to **UNA-CLAD, UC-4, integral no-clip 1 ½"-inch standing seam panel system, mechanically attached with concealed fasteners and installed in a sequential pattern.**
2. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the manufacturers specified.
   a. Una-Clad
   b. ColorKlad
   c. Pac-Clad

   Or approved equal.

2.2 PANEL MATERIALS

A. Panel Sealants:

1. Sealant Tape: Pressure-sensitive, 100 percent solids, gray polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape 1/2 inch wide and 1/8 inch thick.
2. Joint Sealant: ASTM C 920; elastomeric polyurethane, polysulfide, or silicone sealant; of type, grade, class, and use classifications required to seal joints in metal roof panels and remain weathertight; and as recommended in writing by metal roof panel manufacturer.
3. Butyl-Rubber-Based, Solvent-Release Sealant: ASTM C 1311.

2.3 UNDERLAYMENT MATERIALS

A. Felts: ASTM D 226, Type II (No. 30), asphalt-saturated organic felts.

B. Self-Adhering, Polyethylene-Faced Sheet: ASTM D 1970, 40 mils thick minimum, consisting of slip-resisting polyethylene-film reinforcing and top surface laminated to SBS-modified asphalt adhesive, with release-paper backing; cold applied.

1. Available Products:
    a. Carlisle Coatings & Waterproofing, Div. of Carlisle Companies Inc.; Dri-Start "A."
    b. Grace, W. R. & Co.; Grace Ice and Water Shield.
    c. Henry Company; Perma-Seal PE.
    d. Johns Manville International, Inc.; Roof Defender.
    e. NEI Advanced Composite Technology; AC Poly Ice and StormSeal.
    f. Owens Corning; WeatherLock.
    g. Polyguard Products, Inc.; Polyguard Deck Guard.
    h. Protecto Wrap Company; Rainproof TM.

C. Slip Sheet: Building paper, minimum 5 lb/100 sq. ft., rosin sized.

2.4 MISCELLANEOUS MATERIALS

A. Fasteners: Self-tapping screws, bolts, nuts, self-locking rivets and bolts, end-welded studs, and other suitable fasteners designed to withstand design loads. Provide exposed fasteners with heads matching color of metal roof panels by means of plastic caps or factory-applied coating.
    1. Fasteners for Roof Panels: Self-drilling or self-tapping 410 stainless or zinc-alloy steel hex washer head, with EPDM or PVC washer under heads of fasteners bearing on weather side of metal roof panels.
    2. Blind Fasteners: High-strength aluminum or stainless-steel rivets.

B. Bituminous Coating: Cold-applied asphalt mastic, SSPC-Paint 12, compounded for 15-mil dry film thickness per coat. Provide inert-type noncorrosive compound free of asbestos fibers, sulfur components, and other deleterious impurities.

2.5 STANDING-SEAM METAL ROOF PANELS

A. General: Provide factory-formed metal roof panels designed to be field assembled by lapping and interconnecting raised side edges of adjacent panels with joint type indicated and mechanically attaching panels to supports using concealed clips in side laps. Include clips, cleats, pressure plates, and accessories required for weathertight installation.
    1. Steel Panel Systems: a. Una-Clad, UC-4, 24 gauge, 16” O.C. width
        b. ColorKlad
        c. Pac-Clad
        Or approved equal.

2.6 ACCESSORIES

A. Roof Panel Accessories: Provide components required for a complete metal roof panel assembly including trim, copings, fasciae, corner units, ridge closures, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of metal roof panels, unless otherwise indicated.
    1. Closures: Provide closures at eaves and ridges, fabricated of same metal as metal roof panels.
    2. Backing Plates: Provide metal backing plates at panel end splices, fabricated from material recommended by manufacturer.
    3. Closure Strips: Closed-cell, expanded, cellular, rubber or crosslinked, polyolefin-foam or closed-cell laminated polyethylene; minimum 1-inch- thick, flexible closure strips; cut or premolded to match metal roof panel profile. Provide closure strips where indicated or necessary to ensure weathertight construction.

2.7 FABRICATION

A. General: Fabricate and finish metal roof panels and accessories at the factory to greatest extent possible, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.

B. Provide panel profile, including major ribs and intermediate stiffening ribs, if any, for full length of panel.

C. Sheet Metal Accessories: Fabricate flashing and trim to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to the design, dimensions, metal, and other characteristics of item indicated.
    1. Form exposed sheet metal accessories that are without excessive oil canning, buckling, and tool marks and that are true to line and levels indicated, with exposed edges folded back to form hems.
    2. Seams for Other Than Aluminum: Fabricate nonmoving seams in accessories with flat-lock seams. Tin edges to be seamed, form seams, and solder.
    3. Sealed Joints: Form nonexpansion but movable joints in metal to accommodate elastomeric sealant to comply with SMACNA standards.
    4. Conceal fasteners and expansion provisions where possible. Exposed fasteners are not allowed on faces of accessories exposed to view.
    5. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal recommended by metal roof panel manufacturer.
        a. Size: As recommended by SMACNA's "Architectural Sheet Metal Manual" or metal roof panel manufacturer for application but not less than thickness of metal being secured.

2.8 FINISHES, GENERAL

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical and painted finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, metal roof panel supports, and other conditions affecting performance of work.

1. Examine solid roof sheathing to verify that sheathing joints are supported by framing or blocking and that installation is within flatness tolerances required by metal roof panel manufacturer.

B. Examine roughing-in for components and systems penetrating metal roof panels to verify actual locations of penetrations relative to seam locations of metal roof panels before metal roof panel installation.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Clean substrates of substances harmful to insulation, including removing projections capable of interfering with insulation attachment.

B. Install fasciae and copings to comply with requirements specified in Division 7 Section "Sheet Metal Flashing and Trim."

3.3 UNDERLAYMENT INSTALLATION

A. Felt Underlayment: Install felt underlayment and building-paper slip sheet on roof sheathing under metal roof panels, unless otherwise recommended by metal roof panel manufacturer. Use adhesive for temporary anchorage, where possible, to minimize use of mechanical fasteners under metal roof panels. Apply at locations indicated below, in shingle fashion to shed water, with lapped joints of not less than 2 inches.

1. Apply on roof not covered by self-adhering sheet underlayment. Lap edges of self-adhering sheet underlayment not less than 3 inches, in shingle fashion to shed water.

B. Self-Adhering Sheet Underlayment: Install self-adhering sheet underlayment, wrinkle free, on roof sheathing under metal roof panels. Apply primer if required by manufacturer. Comply with temperature restrictions of underlayment manufacturer for installation; use primer rather than nails for installing underlayment at low temperatures. Apply at locations indicated below, in shingle fashion to shed water, with end laps of not less than 6 inches staggered 24 inches between courses. Overlap side edges not less than 3-1/2 inches. Roll laps with roller. Cover underlayment within 14 days.

1. Roof perimeter for a distance up from eaves of 36 inches beyond interior wall line.
2. Valleys, from lowest point to highest point, for a distance on each side of 18 inches. Overlap ends of sheets not less than 6 inches.
3. Rake edges for a distance of 18 inches.
4. Hips and ridges for a distance on each side of 12 inches.
5. Roof to wall intersections for a distance from wall of 18 inches.

C. Apply slip sheet over underlayment before installing metal roof panels.

3.4 METAL ROOF PANEL INSTALLATION, GENERAL

A. General: Provide metal roof panels of full length from eave to ridge, unless otherwise indicated or restricted by shipping limitations. Anchor metal roof panels and other components of the Work securely in place, with provisions for thermal and structural movement.

1. Field cutting of metal roof panels by torch is not permitted.
2. Rigidly fasten eave end of metal roof panels and allow ridge end free movement due to thermal expansion and contraction. Predrill panels.
3. Provide metal closures at peaks, rake edges, rake walls and each side of ridge and hip caps.
4. Flash and seal metal roof panels with weather closures at eaves, rakes, and at perimeter of all openings. Fasten with self-tapping screws.
5. Locate and space fastenings in uniform vertical and horizontal alignment.
6. Install ridge and hip caps as metal roof panel work proceeds.
7. Locate panel splices over, but not attached to, structural supports. Stagger panel splices and end laps to avoid a four-panel lap splice condition.
8. Lap metal flashing over metal roof panels to allow moisture to run over and off the material.

B. Fasteners:

1. Steel Roof Panels: Use stainless-steel fasteners for surfaces exposed to the exterior and galvanized steel fasteners for surfaces exposed to the interior.

C. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with bituminous coating, by applying rubberized-asphalt underlayment to each contact surface, or by other permanent separation as recommended by metal roof panel manufacturer.

1. Coat back side of roof panels with bituminous coating where roof panels will contact wood, ferrous metal, or cementitious construction.

D. Joint Sealers: Install gaskets, joint fillers, and sealants where indicated and where required for weatherproof performance of metal roof panel assemblies. Provide types of gaskets, fillers, and sealants indicated or, if not indicated, types recommended by metal roof panel manufacturer.

1. Seal metal roof panel end laps with double beads of tape or sealant, full width of panel. Seal side joints where recommended by metal roof panel manufacturer.

3.5 FIELD-ASSEMBLED METAL ROOF PANEL INSTALLATION

A. Standing-Seam Metal Roof Panels: Fasten metal roof panels to supports with concealed clips at each standing-seam joint at location, spacing, and with fasteners recommended by manufacturer.

1. Install clips to supports with self-tapping fasteners.
2. Install pressure plates at locations indicated in manufacturer's written installation instructions.
3. Snap Joint: Nest standing seams and fasten together by interlocking and completely engaging factory-applied sealant.

3.6 ACCESSORY INSTALLATION

A. General: Install accessories with positive anchorage to building and weathertight mounting and provide for thermal expansion. Coordinate installation with flashings and other components.

1. Install components required for a complete metal roof panel assembly including trim, copings, ridge closures, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items.

3.7 ERECTION TOLERANCES

A. Installation Tolerances: Shim and align metal roof panel units within installed tolerance of 1/4 inch in 20 feet on slope and location lines as indicated and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.

3.8 CLEANING AND PROTECTION

A. Remove temporary protective coverings and strippable films, if any, as metal roof panels are installed, unless otherwise indicated in manufacturer's written installation instructions. On completion of metal roof panel installation, clean finished surfaces as recommended by metal roof panel manufacturer. Maintain in a clean condition during construction.

B. Replace metal roof panels that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 07411

Helms & ASSOCIATES
CIVIL ENGINEERS & LAND SURVEYORS

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Email: operations@helmsengineering.com

April 9, 2025

Re: Instructional Building
Sisseton Wahpeton Community College
Agency Village, South Dakota
Helms Project # A-9968
Bid Date: 4/15/2025

ADDENDUM NUMBER 1

The following modifications are made to the plans and specifications for the Instructional Building for the Sisseton Wahpeton Oyate Community College

CIVIL CONSTRUCTION SPECIFICATIONS AND CONTRACT DOCUMENTS
No change or modification

PLANS

ALL Civil plan sheets are re-issued due to PDF page size error. Corrected page size and corresponding scale is only modification to the Civil Plans numbered C100 to C110 and are noted as part of Addendum #1.

ATTACHEMENTS:

Revised Plans dated 4/7/2025 and annotated with "Addendum #1".

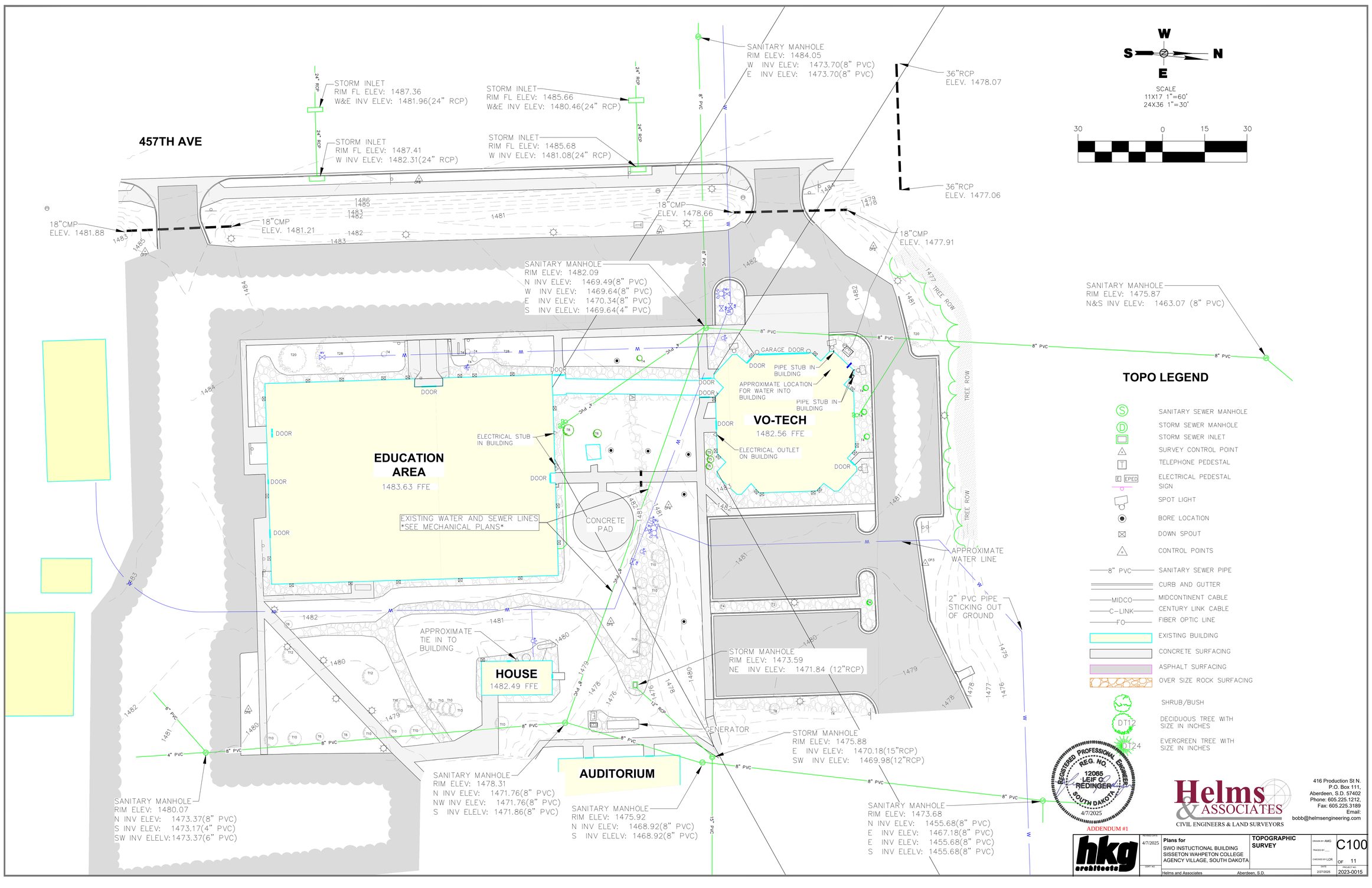
ALL OTHER ITEMS OF THE CIVIL PLANS AND CIVIL SPECIFICATIONS REMAIN UNCHANGED

BY_____
PROJECT ENGINEER - HELMS AND ASSOCIATES
==========

FIRM NAME: _____ BY: _____

TITLE: _____ DATE: _____

ATTACH THIS SIGNED ADDENDUM TO THE BID FORM WHEN SUBMITTING AND/OR ACKNOWLEDGE THE ADDENDUM ON THE BID FORM.


457TH AVE
STORM INLET
RIM FL ELEV: 1487.36
W&E INV ELEV: 1481.96(24" RCP)
STORM INLET
RIM FL ELEV: 1487.41
W INV ELEV: 1482.31(24" RCP)
STORM INLET
RIM FL ELEV: 1485.66
W&E INV ELEV: 1480.46(24" RCP)
STORM INLET
RIM FL ELEV: 1485.68
W INV ELEV: 1481.08(24" RCP)
SANITARY MANHOLE
RIM ELEV: 1484.05
W INV ELEV: 1473.70(8" PVC)
E INV ELEV: 1473.70(8" PVC)
36"RCP
ELEV. 1478.07
36"RCP
ELEV. 1477.06
18"CMP
ELEV. 1481.88
18"CMP
ELEV. 1481.21
18"CMP
ELEV. 1478.66
18"CMP
ELEV. 1477.91
SANITARY MANHOLE
RIM ELEV: 1482.09
N INV ELEV: 1469.49(8" PVC)
W INV ELEV: 1469.64(8" PVC)
E INV ELEV: 1470.34(8" PVC)
S INV ELELV: 1469.64(4" PVC)
SANITARY MANHOLE
RIM ELEV: 1475.87
N&S INV ELEV: 1463.07 (8" PVC)
TREE ROW
EDUCATION AREA
1483.63 FFE
VO-TECH
1482.56 FFE
HOUSE
1482.49 FFE
AUDITORIUM
GARAGE DOOR
PIPE STUB IN BUILDING
APPROXIMATE LOCATION FOR WATER INTO BUILDING
ELECTRICAL STUB IN BUILDING
ELECTRICAL OUTLET ON BUILDING
EXISTING WATER AND SEWER LINES *SEE MECHANICAL PLANS*
CONCRETE PAD
APPROXIMATE TIE IN TO BUILDING
APPROXIMATE WATER LINE
2" PVC PIPE STICKING OUT OF GROUND
GENERATOR
STORM MANHOLE
RIM ELEV: 1473.59
NE INV ELEV: 1471.84 (12"RCP)
STORM MANHOLE
RIM ELEV: 1475.88
E INV ELEV: 1470.18(15"RCP)
SW INV ELEV: 1469.98(12"RCP)
SANITARY MANHOLE
RIM ELEV: 1480.07
N INV ELEV: 1473.37(8" PVC)
S INV ELEV: 1473.17(4" PVC)
SW INV ELELV: 1473.37(6" PVC)
SANITARY MANHOLE
RIM ELEV: 1478.31
N INV ELEV: 1471.76(8" PVC)
NW INV ELEV: 1471.76(8" PVC)
S INV ELELV: 1471.86(8" PVC)
SANITARY MANHOLE
RIM ELEV: 1475.92
N INV ELEV: 1468.92(8" PVC)
S INV ELELV: 1468.92(8" PVC)
SANITARY MANHOLE
RIM ELEV: 1473.68
N INV ELEV: 1455.68(8" PVC)
E INV ELEV: 1467.18(8" PVC)
E INV ELEV: 1455.68(8" PVC)
S INV ELELV: 1455.68(8" PVC)
W
S
N
E
SCALE
11X17 1"=60'
24X36 1"=30'
30 0 15 30
TOPO LEGEND
SANITARY SEWER MANHOLE
STORM SEWER MANHOLE
STORM SEWER INLET
SURVEY CONTROL POINT
TELEPHONE PEDESTAL
ELECTRICAL PEDESTAL
SIGN
SPOT LIGHT
BORE LOCATION
DOWN SPOUT
CONTROL POINTS
8" PVC SANITARY SEWER PIPE
CURB AND GUTTER
MIDCO MIDCONTINENT CABLE
C-LINK CENTURY LINK CABLE
FO FIBER OPTIC LINE
EXISTING BUILDING
CONCRETE SURFACING
ASPHALT SURFACING
OVER SIZE ROCK SURFACING
SHRUB/BUSH
DT12 DECIDUOUS TREE WITH SIZE IN INCHES
DT24 EVERGREEN TREE WITH SIZE IN INCHES
REGISTERED PROFESSIONAL ENGINEER
REG. NO. 12085
LEIF C REDINGER
SOUTH DAKOTA
4/7/2025
ADDENDUM #1
Helms & ASSOCIATES
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Fax: 605.225.3189
Email:
bobb@helmsengineering.com
hkg architects
REVISED DATE 4/7/2025
Plans for
SWO INSTUCTIONAL BUILDING
SISSETON WAHPETON COLLEGE
AGENCY VILLAGE, SOUTH DAKOTA
TOPOGRAPHIC SURVEY
DRAWN BY: AMG
TRACED BY: ___
CHECKED BY: LCR
DATE 2/27/2025
PROJECT NO 2023-0015
C100
OF 11
Helms and Associates Aberdeen, S.D.

Note Regarding Existing Utilities
The contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans are based on records of the various utility companies and, where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The contractor shall call the appropriate utility companies at least 48 hours before any excavation to request exact field location of utilities.

It is the responsibility of the contractor to relocate all utilities requiring relocation. It is the responsibility of the contractor to verify in the field, the locations of existing water mains, water services, sewer mains and sewer services. The contractor shall be responsible for locating and preserving all existing utilities in their present condition. Existing utilities shown on the plans are for general information only and are to be located by the contractor prior to the start of construction.

Existing utilities included but not limited to:
Underground and overhead electrical
Underground and overhead cable television
Underground water system
Underground sewer system
Underground and overhead telephone
Underground natural gas

Note Regarding Project Cleanup and Safety
The general contractor shall take all precautions necessary to avoid property damage to adjacent properties during the construction phases of this project. The contractor is held solely responsible for any damages to the adjacent properties occurring during the construction phases of this project.

The designs represented in these plans are in accordance with established practices of civil engineering for the design functions and uses intended by the owner. However, neither Helms and Associates, nor its personnel can or do warranty these designs or plans as constructed except in the specific cases where Helms and Associates personnel observe and control the physical construction on a contemporary basis at the site.

In accordance with generally accepted construction practices, the contractor is solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work this requirement applies continuously and is not limited to normal working hours.

The duty of the engineer or owner to conduct construction review of the contractor's performance is not intended to include review of the adequacy of the contractor's safety measures, in, on, or near the construction site.The contractor shall clean the entire site on a daily basis and should not restrict local traffic over night. All roads leading to the site shall be cleaned as needed as specified by the owners representative.

Waste Disposal
The contractor shall be required to furnish a site for the disposal of construction/demolition debris generated by this project. Construction/demolition debris may not be disposed of on owner's property.

Salvaging, Stockpiling, and Placing Topsoil
The contractor shall remove a minimum of 6 inches of soil cover for topsoiling operations. The contractor shall place a minimum of 24 inches of topsoil evenly in the areas to receive landscape plantings. Coordinate with Landscaping for any other requirements.

Salvageable Materials
All materials salvaged by the contractor that are not incorporated into the project or as noted in the plans, shall be removed from the property.

Sequence of Operations and Traffic Control
During construction of the project, the existing traffic control devices shall be removed, reset or relocated as necessary by the contractor to safely control traffic through or around the project. Devices no longer needed shall be neatly stockpiled on the project at a location designated by the engineer. This work shall be considered incidental work, no extra compensation will be considered.

The contractor shall furnish and install traffic control devices in accordance with the Manual on Uniform Traffic Control Devices (MUTCD)

The contractor shall have qualified personnel to be responsible for traffic control items 24 hours per day and 7 days per week. The contractor shall be responsible for maintaining all existing traffic control signing for safety of traveling public. Construction operations will be allowed during daylight hours only, unless otherwise allowed by the engineer.

Note Regarding Storm Drainage Provisions

The Contractor shall provide for and maintain drainage of storm waters away from existing buildings, and exposed surfaces or provide immediate pumping of ponded areas on the work site. No compensation will be made for damage resulting from improper drainage during construction.

Note Regarding Building Excavation
Building earthwork volumes are not included in the civil site design. Coordinate w/ soils report and Architectural Plans.

Contaminated Material

The Contractor shall give notice to the Owner if contaminated soil is encountered on the project. The Owner will contact the Department of Agriculture and Natural Resources (DANR) and consultant to inspect and monitor removal of any contaminated soil.

Contaminated soil may be disposed of at the Roberts County Landfill, phone (605) 882-6219.

Piping located in areas of contamination shall require the installation of ductile iron pipe with nitrile butadiene gaskets.

Backfill material for trenches located in contaminated soil areas shall be as shall be Contractor furnished barrow.

Note Regarding Water For Compaction
Contractor shall obtain all permits required and the water source shall be approved by the Owner.

The Contractor shall obtain a Temporary Water Rights Permit to use water for construction, testing, or drilling purposes from the EPA for all water sources.

Note Regarding Haul Roads
Contractor shall obtain written permission from the proper state, county, and municipal authorities for use of local roads as haul roads. A copy shall be sent to the Owner as well as the Architect and Engineer prior to construction. Contractor shall obtain a written release from all cities, counties, and townships owning or maintaining the haul roads used by the Contractor upon completion of the construction. Haul road restoration shall be the responsibility of the Contractor.

Unclassified Excavation
All excavation that must be performed to construct the new grades in conformance with the cross-sections and plan details, will be included in the bid. Material taken from excavated areas shall used in the formation of embankments along the project. The excavated or other suitable material, as directed by the engineer, shall be replaced and recompacted to the density specified for the section constructed. Excess material shall be removed from the site, as waste material, upon completion of the Project.

Sidewalks, and Paved Parking Areas
For support of the sidewalks, concrete driveways, and paved parking areas. All topsoil shall be removed. The exposed soils shall be scarified and recompacted 6" prior to the placement of approved fill material. Coordinate w/ Soils Report (compaction requirement)

Earthwork
The excavation shall be to the elevations or depths required to obtain the specified depths as shown on the plans. Should the Contractor, through negligence or other fault, excavate below the designated lines or elevations, he shall replace the excavation with suitable materials and properly compact and control the moisture content in a manner as specified. All replacement work shall be at the Contractor's expense.

The Contractor shall inform and satisfy himself as to the character, quantity, and distribution of all material to be excavated. No payment will be made for any excavated material which is used for purposes other than those designated. All spoil areas shall be leveled to a uniform line and section and shall present a neat appearance before project acceptance.

Those areas outside of the embankment areas in which the top layer of soil material becomes compacted due to hauling or to any other activity of the Contractor shall be scarified and disked to a depth of 4 inches as directed to loosen and pulverize the soil. Coordinate soil compaction requirements per Soils Report.

REGISTERED PROFESSIONAL ENGINEER
REG. NO.
12095
LEIF C. REDINGER
SOUTH DAKOTA
4/7/2025
SHEET NOTES

ADDENDUM #1

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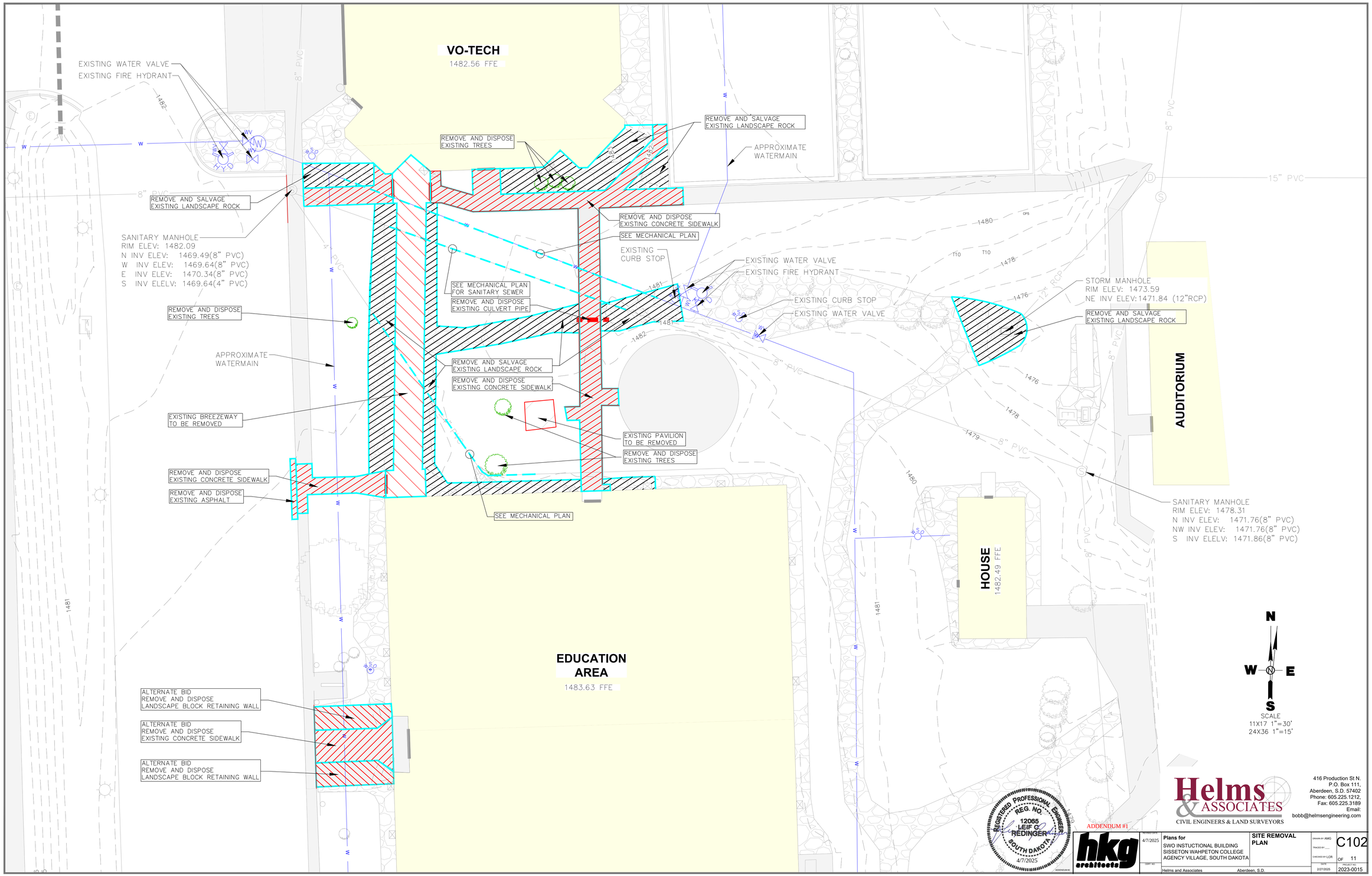
hkg architects

REVISIONS 4/7/2025	Plans for SWO INSTUCTIONAL BUILDING SISSETON WAHPETON COLLEGE AGENCY VILLAGE, SOUTH DAKOTA	PLAN NOTES	DRAWN BY AMG TRACED BY ___ CHECKED BY LCR
CERT. NO.	Helms and Associates Aberdeen, S.D.		DATE 3/7/2025

C101
OF 11
PROJECT NO. 2023-0015



REGISTERED PROFESSIONAL ENGINEER
REG. NO. 12065
LEIF C. REDINGER
SOUTH DAKOTA
4/7/2025

ADDENDUM #1

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hkg architects

REVISIONS 4/7/2025	Plans for SWO INSTUCTIONAL BUILDING SISSETON WAHPETON COLLEGE AGENCY VILLAGE, SOUTH DAKOTA	SITE REMOVAL PLAN	DRAWN BY: AMG; TRACED BY: ; CHECKED BY: LCR; C102
DEPT. NO.	Helms and Associates Aberdeen, S.D.	DATE 2/27/2025	PROJECT NO. 2023-0015; OF 11

VO-TECH
1482.56 FFE

EDUCATION AREA
1483.63 FFE

HOUSE
1482.49 FFE

EXISTING WATER VALVE

SANITARY MANHOLE
RIM ELEV: 1482.09
N INV ELEV: 1469.49(8" PVC)
W INV ELEV: 1469.64(8" PVC)
E INV ELEV: 1470.34(8" PVC)
S INV ELELV: 1469.64(4" PVC)

EXPANSION JOINT WHERE STOOP CONCRETE MEETS SIDEWALK

SLOPE ARE TO DRAIN

PROPOSED 6" WATERMAIN

EXISTING FIRE HYDRANT

APPROXIMATE WATERMAIN

CONSTRUCT 398 SQFT OF 5" CONCRETE SIDEWALK

CONSTRUCT 275 SQFT OF 5" CONCRETE SIDEWALK

CONSTRUCT 306 SQFT OF 5" CONCRETE SIDEWALK

CONSTRUCT 1009 SQFT OF 5" CONCRETE SIDEWALK

CONSTRUCT 5" CONCRETE SIDEWALK

APPROXIMATE WATERMAIN

EXPANSION JOINT (TYP)

SAW CUT (TYP)

CONSTRUCT 120 S.F. CONCRETE PAD 52 L.F. 6' CHAIN LINK FENCE WITH SLATS

PROPOSED PROPANE TANK

PROPOSED NYLOPLAST INLET RIM: 1481.60

PROPOSED 10" STORM SEWER

PROPOSED CLEAN OUT

PROPOSED CLEAN OUT W/ DRAIN CAP

PROPOSED NYLOPLAST INLET RIM: 1482.50

PROPOSED 10" STORM SEWER

EXISTING WATER VALVE

EXISTING FIRE HYDRANT

EXISTING CURB STOP

EXISTING WATER VALVE

STORM MANHOLE
RIM ELEV: 1473.59
NE INV ELEV: 1471.84 (12"RCP)

EXISTING SANITARY SEWER

SANITARY MANHOLE
RIM ELEV: 1478.31
N INV ELEV: 1471.76(8" PVC)
NW INV ELEV: 1471.76(8" PVC)
S INV ELELV: 1471.86(8" PVC)

CONTRACOR SHALL SLOPE GRADE TO DRAIN AS INDICATED BY DRAINAGE ARROWS

4" PVC
8" PVC
12" RCP

1482.23 1482.35 1482.40 1482.63 1482.56 1482.50 1482.16 1482.31
1482.53 1483.08 1483.63 1482.65 1483.14 1483.63
1483.02 1483.18 1483.25 1483.38 1483.51 1483.55 1483.63 1483.21 1483.44 1483.19 1483.18
1482.01 1481.85 1482.00 1482.00 1481.92 1482.00 1481.73 1481.95
1482.18 1482.12 1482.30 1482.22 1483.50 1483.63 1483.63 1483.47 1483.50 1483.35 1483.19
1482.94 1482.86 1482.90 1482.95 1482.90 1482.91 1483.29 1483.26 1483.63 1483.63
1451 1482 1483 1481 1480 1478 1476 1479

N W E S
SCALE
11X17 1"=20'
24X36 1"=10'

REGISTERED PROFESSIONAL ENGINEER
REG. NO.
12065
LEIF G. REDINGER
SOUTH DAKOTA
4/7/2025

ADDENDUM #1

hkg architects

REVISED DATE 4/7/2025	Plans for SWO INSTUCTIONAL BUILDING SISSETON WAHPETON COLLEGE AGENCY VILLAGE, SOUTH DAKOTA	GRADING PLAN	DRAWN BY AMG; TRACED BY ____; CHECKED BY LGR; C103
CERT. NO.	Helms and Associates Aberdeen, S.D.	DATE 2/27/2025	SHEET NO. OF 11; PROJECT NO. 2023-0015

SHEET: SITE GRADING

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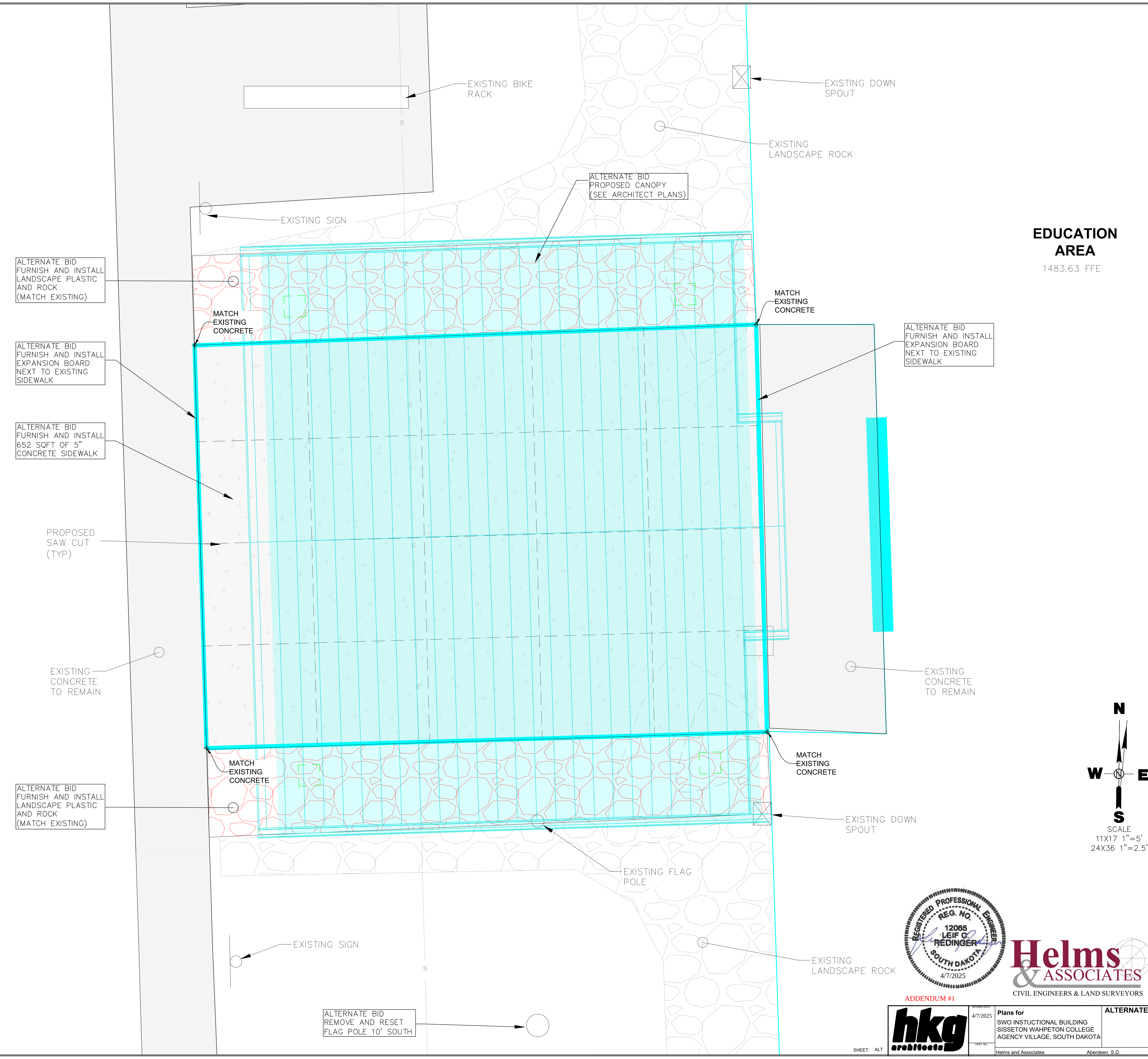
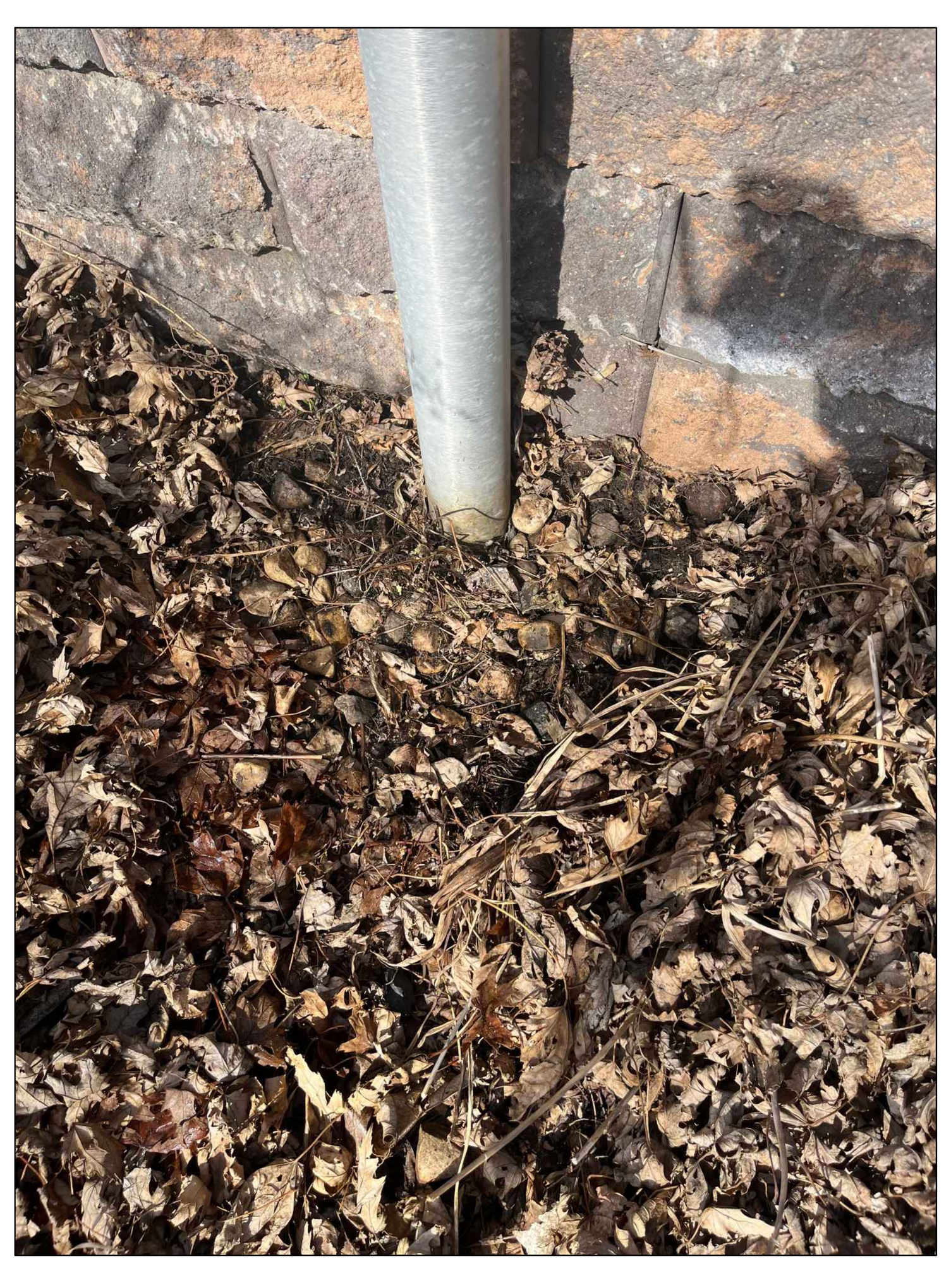

EXISTING BIKE RACK
EXISTING DOWN SPOUT
EXISTING LANDSCAPE ROCK
ALTERNATE BID PROPOSED CANOPY (SEE ARCHITECT PLANS)
EXISTING SIGN
EDUCATION AREA
1483.63 FFE
ALTERNATE BID FURNISH AND INSTALL LANDSCAPE PLASTIC AND ROCK (MATCH EXISTING)
MATCH EXISTING CONCRETE
MATCH EXISTING CONCRETE
ALTERNATE BID FURNISH AND INSTALL EXPANSION BOARD NEXT TO EXISTING SIDEWALK
ALTERNATE BID FURNISH AND INSTALL EXPANSION BOARD NEXT TO EXISTING SIDEWALK
ALTERNATE BID FURNISH AND INSTALL 652 SQFT OF 5" CONCRETE SIDEWALK
PROPOSED SAW CUT (TYP)
EXISTING CONCRETE TO REMAIN
EXISTING CONCRETE TO REMAIN
N
W
E
S
MATCH EXISTING CONCRETE
MATCH EXISTING CONCRETE
ALTERNATE BID FURNISH AND INSTALL LANDSCAPE PLASTIC AND ROCK (MATCH EXISTING)
EXISTING DOWN SPOUT
EXISTING FLAG POLE
EXISTING SIGN
EXISTING LANDSCAPE ROCK
ALTERNATE BID REMOVE AND RESET FLAG POLE 10' SOUTH

SCALE
11X17 1"=5'
24X36 1"=2.5'

NOTE: EXISTING FLAG POLE SHALL BE REMOVED AND RESET 10' SOUTH OF EXISTING LOCATION



REGISTERED PROFESSIONAL ENGINEER REG. NO. 12065 LEIF C. REDINGER SOUTH DAKOTA 4/7/2025

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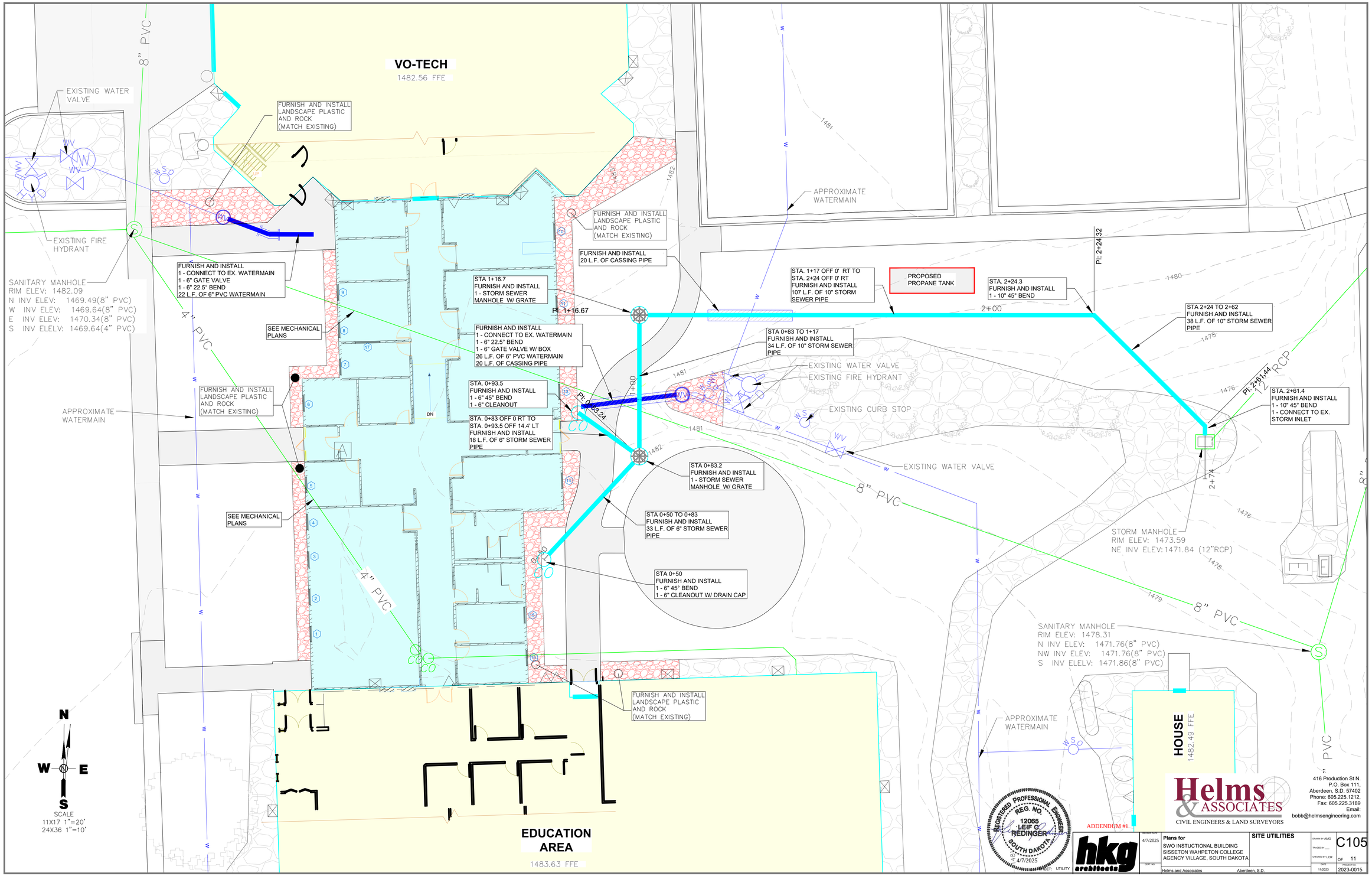
ADDENDUM #1

hkg architects	REVISED DATE 4/7/2025	**Plans for** SWO INSTUCTIONAL BUILDING SISSETON WAHPETON COLLEGE AGENCY VILLAGE, SOUTH DAKOTA	**ALTERNATE BID**	DRAWN BY AMG TRACED BY ___ CHECKED BY LCR	C104 OF 11
SHEET: ALT	CERT. NO.	Helms and Associates	Aberdeen, S.D.	DATE 2/27/2025	PROJECT NO. 2023-0015



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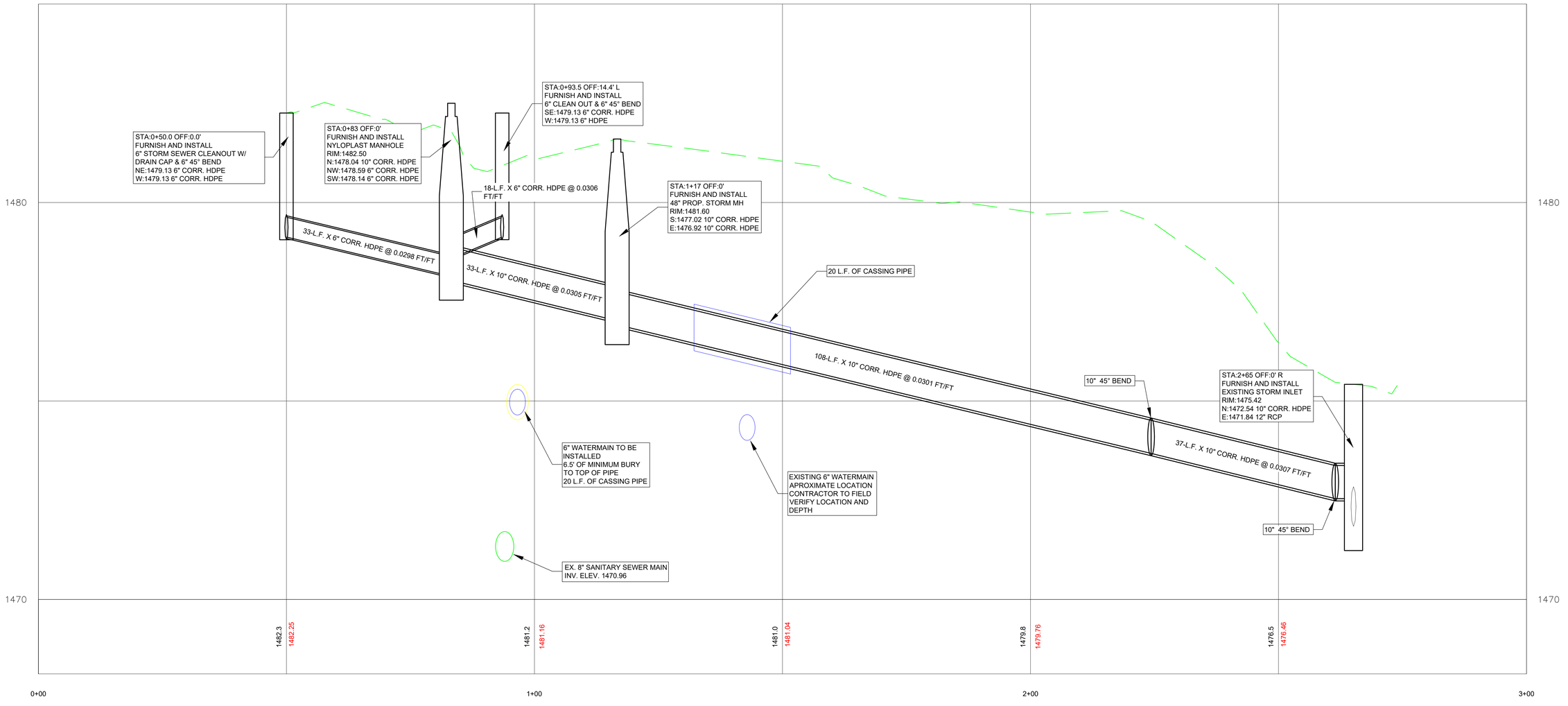
REGISTERED PROFESSIONAL ENGINEER
REG. NO
12065
LEIF C. REDINGER
SOUTH DAKOTA
4/7/2025

ADDENDUM #1

hkg architects

Revised Date: 4/7/2025	Plans for SWO INSTUCTIONAL BUILDING SISSETON WAHPETON COLLEGE AGENCY VILLAGE, SOUTH DAKOTA	SITE UTILITIES	C105
DRAWN BY: AMG	TRACED BY:	CHECKED BY: LCR	SHT: UTILITY
CERT. NO.	DATE: 11/2023	PROJECT NO: 2023-0015	OF 11
Helms and Associates	Aberdeen, S.D.		



REGISTERED PROFESSIONAL ENGINEER
REG. NO.
12065
LEIF G. REDINGER
SOUTH DAKOTA
4/7/2025

SHEET: ULTILITY (2)

ADDENDUM #1

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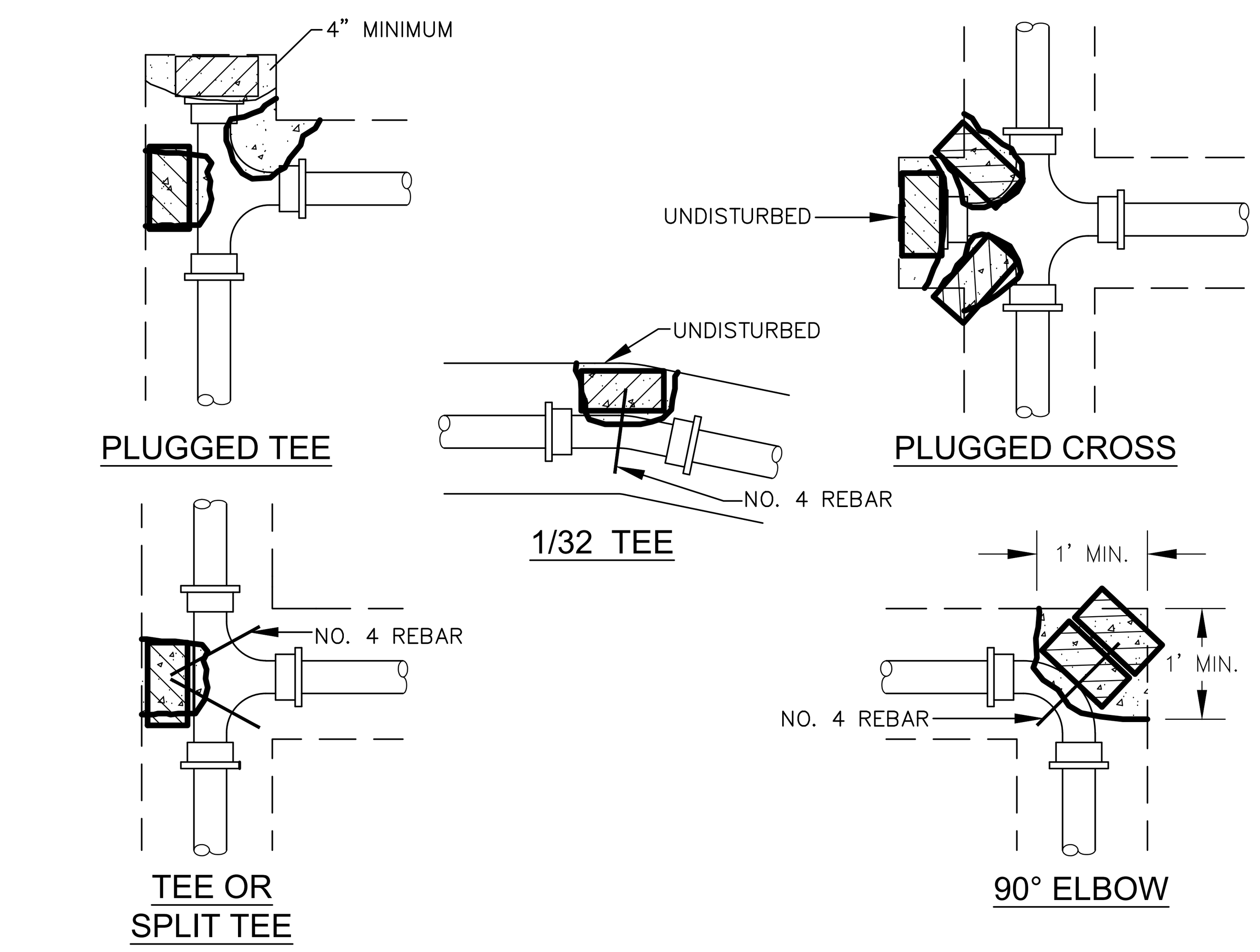
REVISED DATE	4/7/2025
DEPT. NO.	
Plans for	SWO INSTUCTIONAL BUILDING SISSETON WAHPETON COLLEGE AGENCY VILLAGE, SOUTH DAKOTA
STORM SEWER PROFILE VIEW	
DRAWN BY: AMQ	
TRACED BY: ____	
CHECKED BY: LGR	
DATE	2/27/2025
PROJECT NO.	2023-0015
Helms and Associates	Aberdeen, S.D.

C106
OF 11

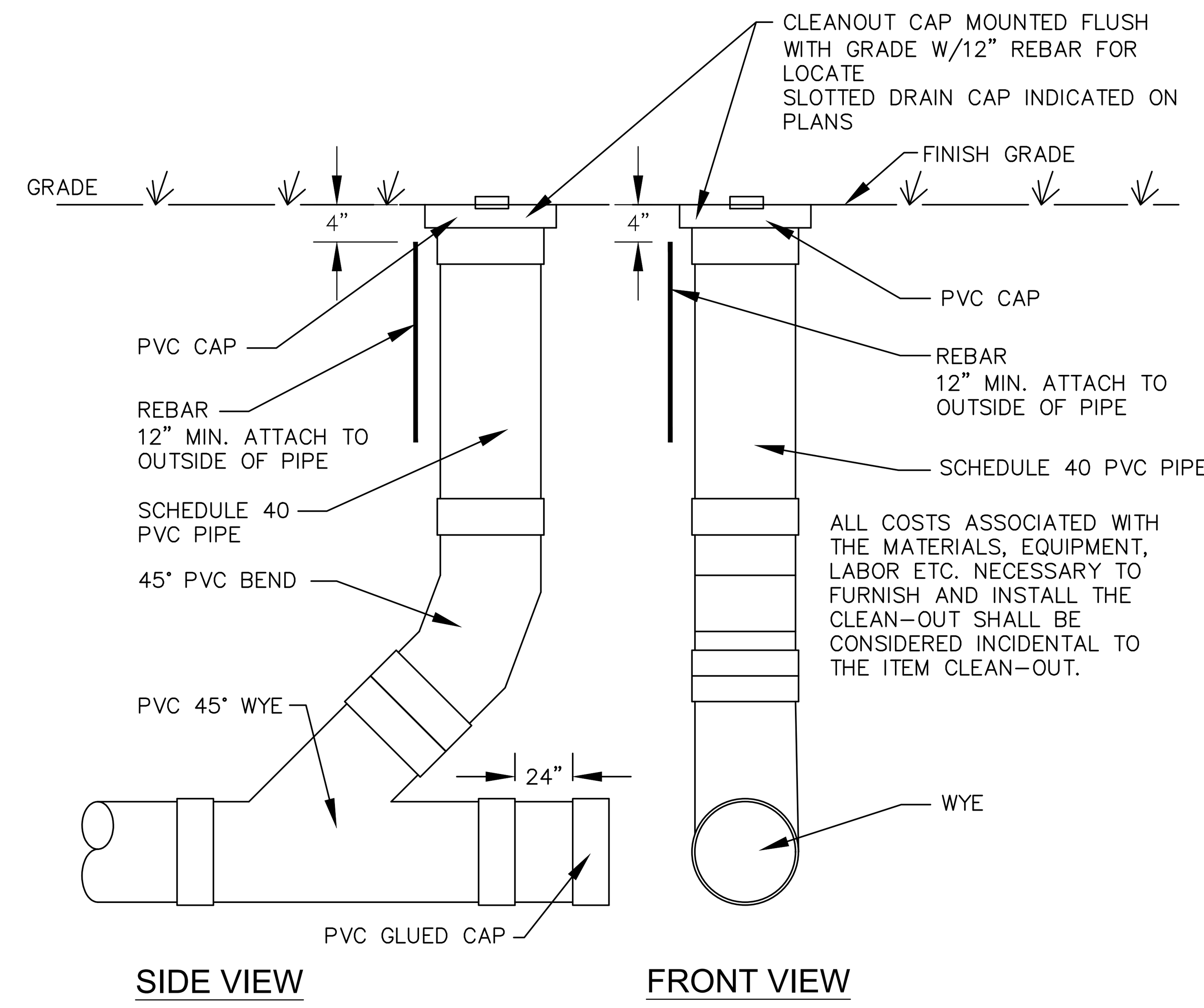


NOTE: SIZE AND TYPE OF THRUST BLOCKING SHALL BE DEPENDENT IN PART ON WATER PRESSURE, PIPE SIZE, TYPE OF FITTING, AND SOIL. CONTRACTOR SHALL DETERMINE EXISTING SOIL TYPE AND CONDITION. CONTRACTOR SHALL SIZE THRUST BLOCKING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES AND GUIDELINES.

PRECAST CONCRETE SOLID BLOCKS MAY BE USED FOR BLOCKING ALL BLOCKS USED MUST BE IN 4" MINIMUM THICKNESS X 8" WIDE X 16" LONG.

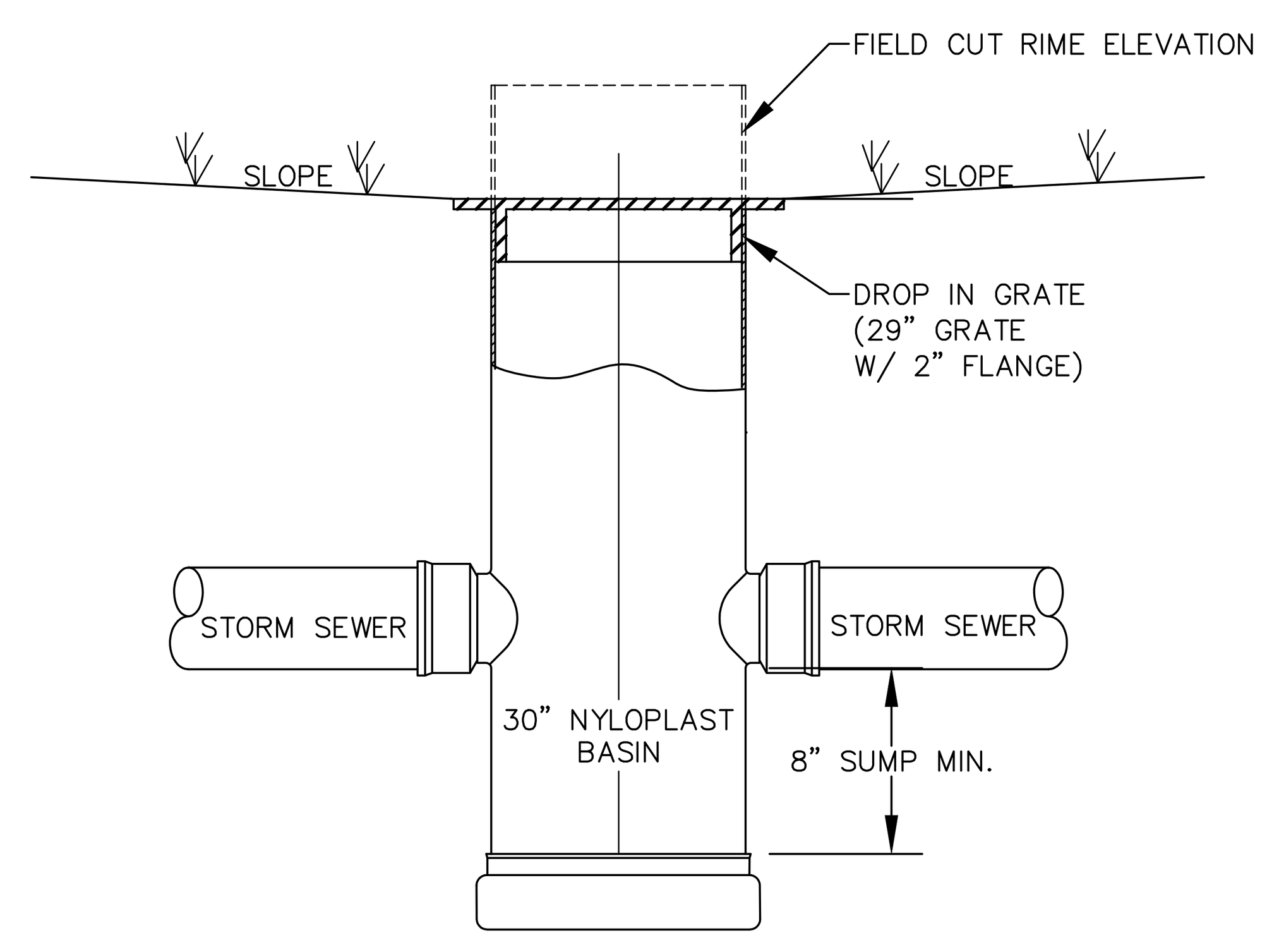
TYPICAL THRUST BLOCK DETAILS

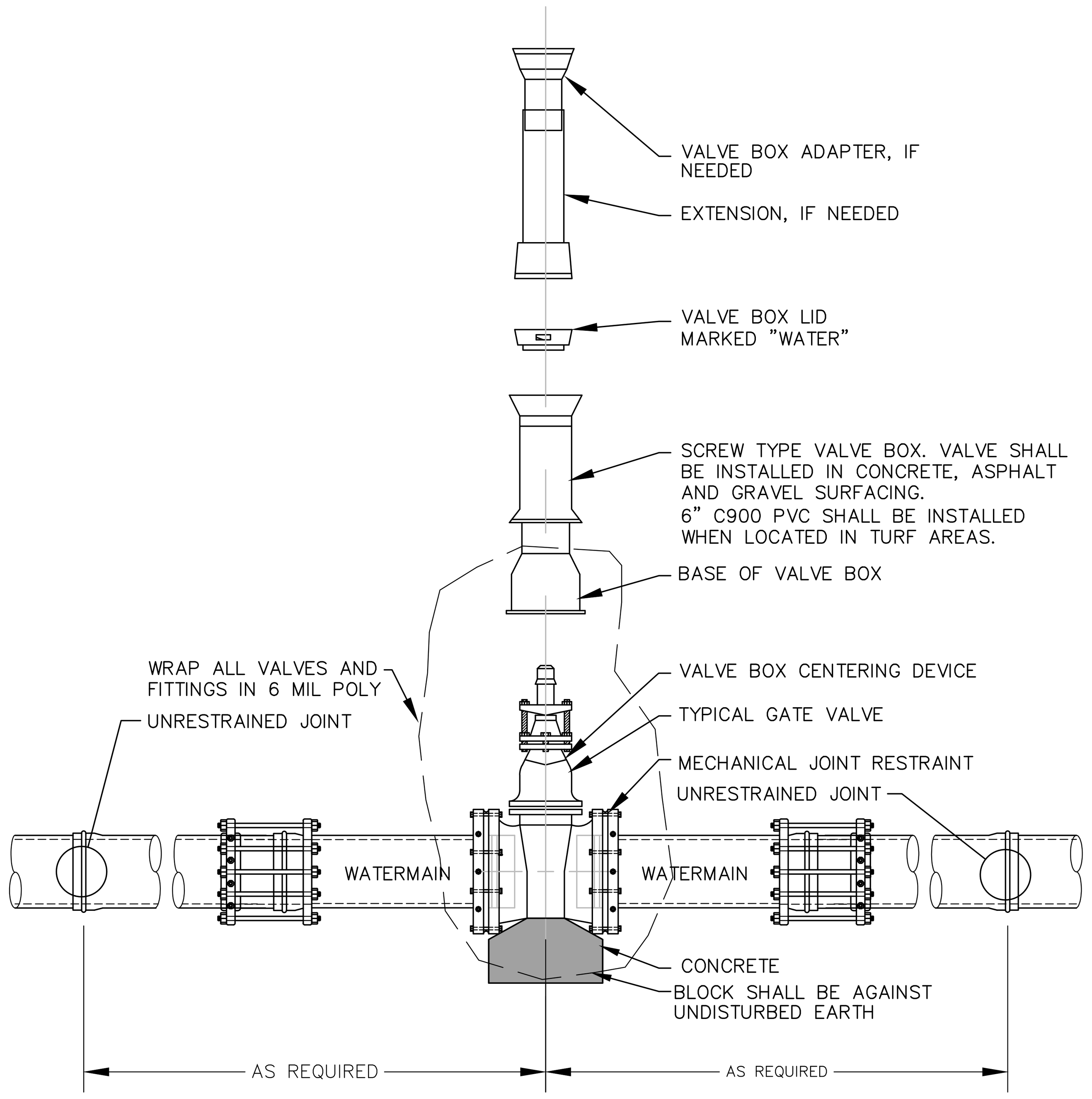
NO SCALE



SANITARY SEWER CLEAN-OUT DETAIL

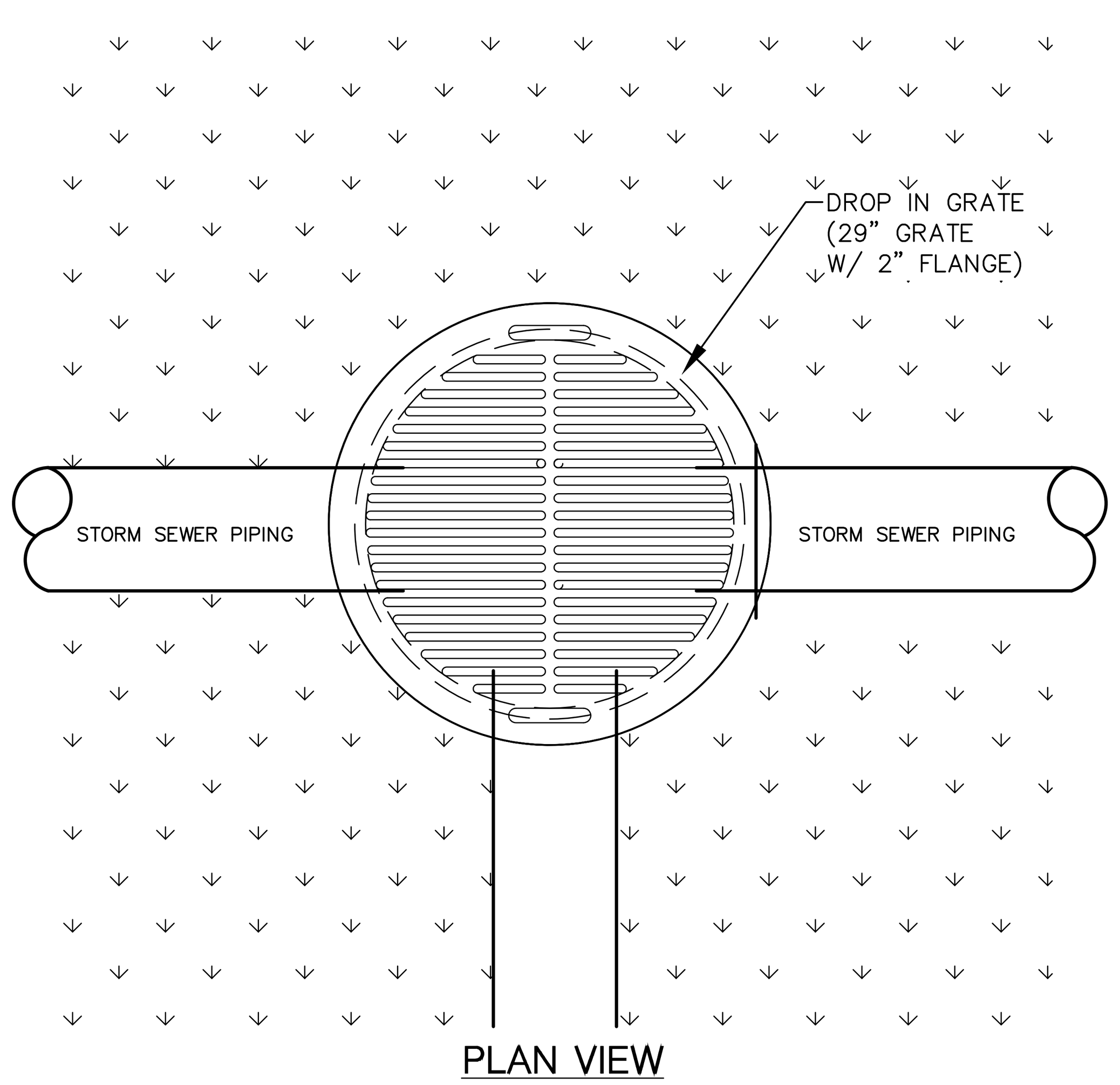
NO SCALE





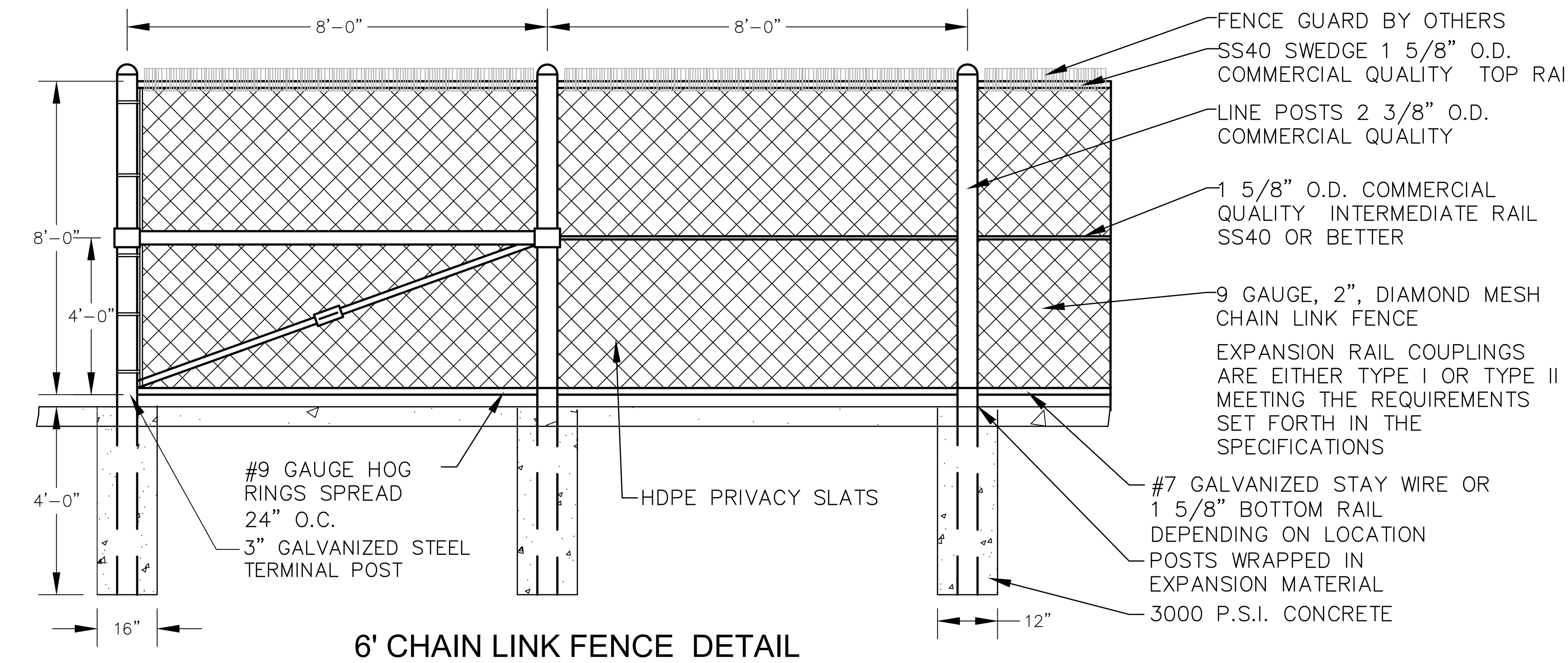
TYPICAL GATE VALVE DETAIL

NO SCALE



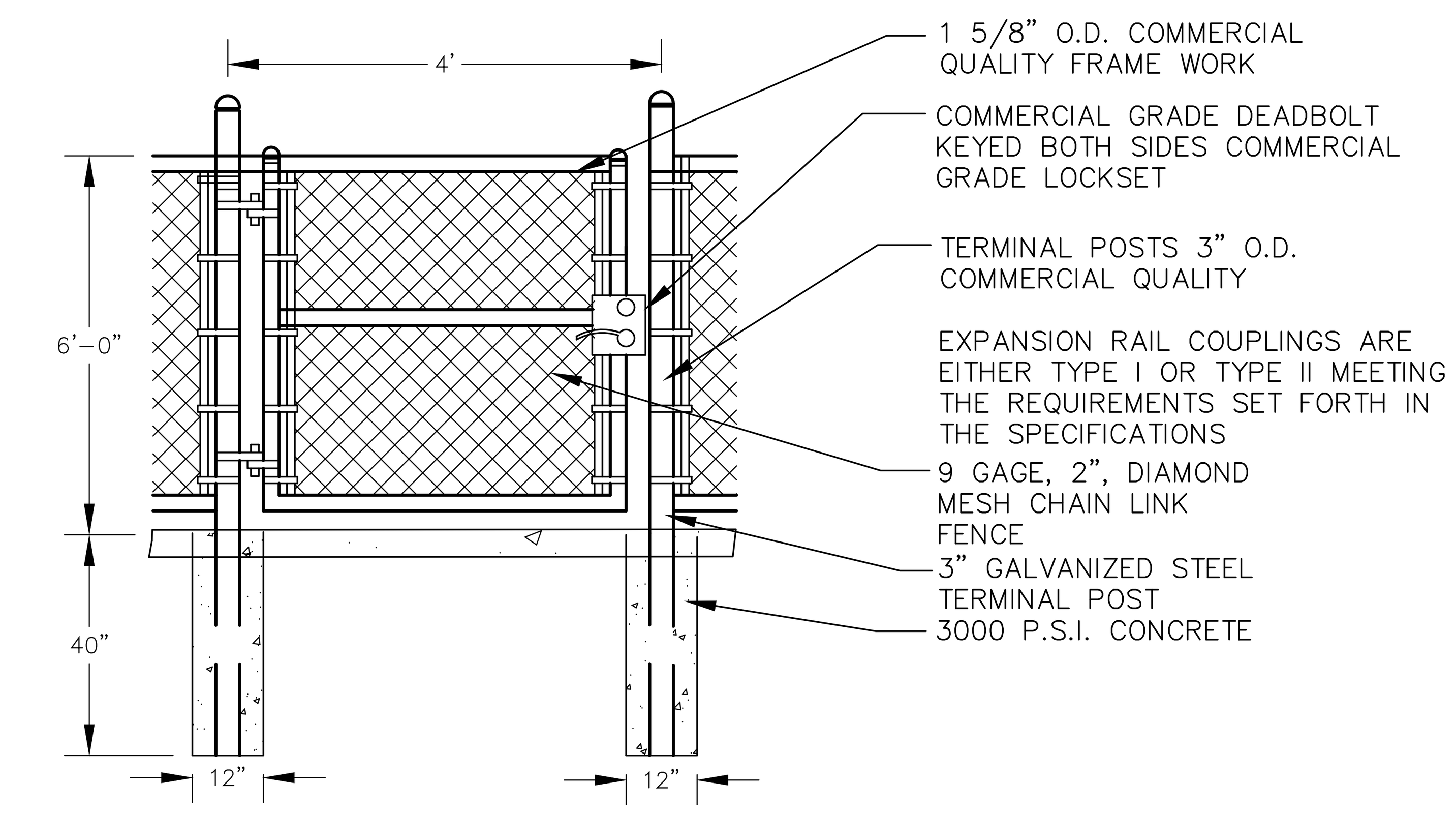
NYLOPLAST DRAIN BASIN

NO SCALE



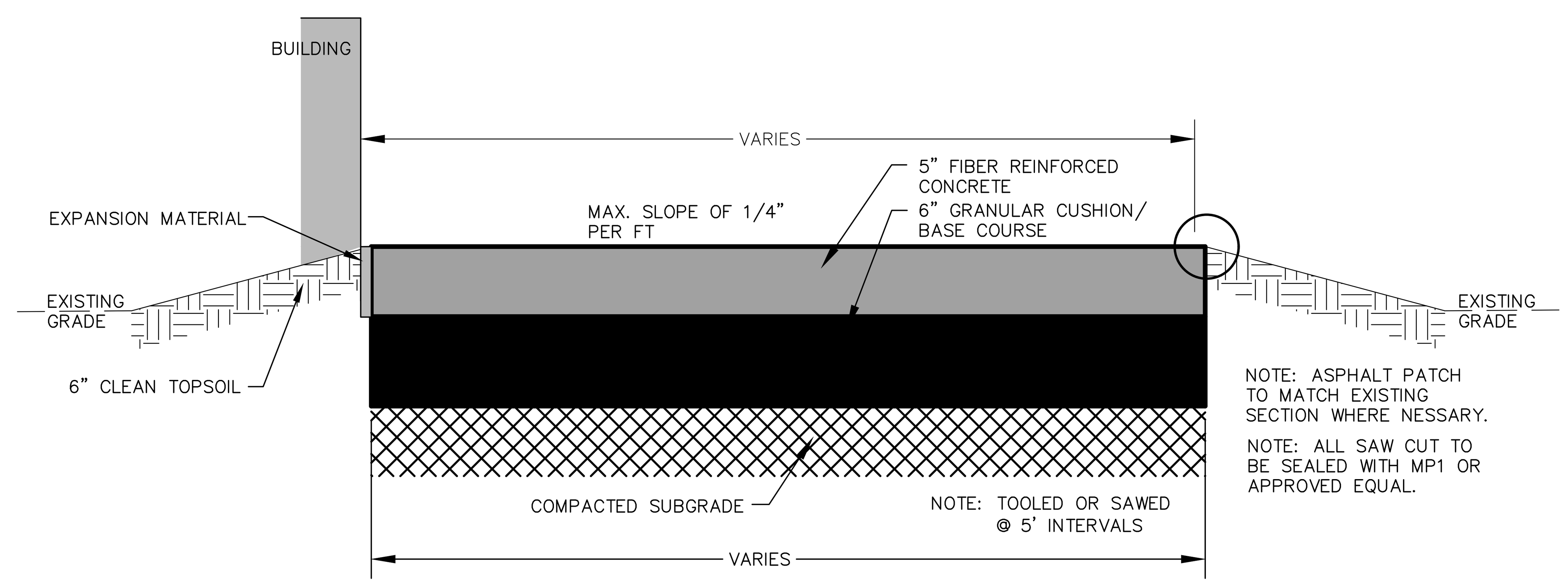
6' CHAIN LINK FENCE DETAIL

NO SCALE



4' WALK THROUGH GATE WITH SLATS DETAIL

NO SCALE



CONCRETE SIDEWALK TYPICAL DETAIL

NO SCALE

REGISTERED PROFESSIONAL ENGINEER REG. NO. 12065 LEIF O. REDINGER SOUTH DAKOTA 4/7/2025

ADDENDUM #1

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4/7/2025	Plans for SWO INSTUCTIONAL BUILDING SISSETON WAHPETON COLLEGE AGENCY VILLAGE, SOUTH DAKOTA	DETAILS
	Helms and Associates	Aberdeen, S.D.

SHEET: DET(1)

DRAWN BY AMG

CHECKED BY LOR

2/27/2025

2023-0015

C107 OF 11

EXISTING WATER VALVE

EXISTING FIRE HYDRANT

SANITARY MANHOLE
RIM ELEV: 1482.09
N INV ELEV: 1469.49(8" PVC)
W INV ELEV: 1469.64(8" PVC)
E INV ELEV: 1470.34(8" PVC)
S INV ELELV: 1469.64(4" PVC)

FURNISH AND INSTALL FIBER MULCH, FERTILIZER AND GRASS SEEDING

FURNISH AND INSTALL 42 L.F. OF EROSION CONTROL BPM

APPROXIMATE WATERMAIN

FURNISH AND INSTALL 48 L.F. OF EROSION CONTROL BPM

FURNISH AND INSTALL FIBER MULCH, FERTILIZER AND GRASS SEEDING

FURNISH AND INSTALL 14 L.F. OF EROSION CONTROL BPM

VO-TECH
1482.56 FFE

PROPOSED GATE VALVE AND WATERMAIN

PROPOSED NYLOPLAST INLET

PROPOSED 10" STORM SEWER

PROPOSED CLEAN OUT

4" PVC

PROPOSED CLEAN OUT

4" PVC

EDUCATION AREA
1483.63 FFE

APPROXIMATE WATERMAIN

FURNISH AND INSTALL FIBER MULCH, FERTILIZER AND GRASS SEEDING

PROPOSED PROPANE TANK

PROPOSED STORM SEWER

EXISTING WATER VALVE

EXISTING FIRE HYDRANT

EXISTING CURB STOP

EXISTING WATER VALVE

PROPOSED NYLOPLAST INLET

8" PVC

PROPOSED STORM SEWER

FURNISH AND INSTALL 159 L.F. OF EROSION CONTROL BPM

12" RCP

STORM MANHOLE
RIM ELEV: 1473.59
NE INV ELEV: 1471.84 (12"RCP)

8" PVC

SANITARY MANHOLE
RIM ELEV: 1478.31
N INV ELEV: 1471.76(8" PVC)
NW INV ELEV: 1471.76(8" PVC)
S INV ELELV: 1471.86(8" PVC)

APPROXIMATE WATERMAIN

8" PVC

HOUSE
1482.49 FFE

N
W E
S

SCALE
11X17 1"=20'
24X36 1"=10'

REGISTERED PROFESSIONAL ENGINEER
REG. NO.
12065
LEIF C. REDINGER
SOUTH DAKOTA
4/7/2025

SHEET: SWPPP

ADDENDUM #1

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hkg architects

4/7/2025

Plans for
SWO INSTUCTIONAL BUILDING
SISSETON WAHPETON COLLEGE
AGENCY VILLAGE, SOUTH DAKOTA

STORM WATER POLLUTION PREVENTION PLAN

DRAWN BY: AMG
TRACED BY: ___
CHECKED BY: LCR
DATE: 2/27/2025
CONT. NO.: 2023-0015

C108
OF 11

Helms and Associates Aberdeen, S.D.

STORMWATER POLLUTION PREVENTION PLAN CHECKLIST

(The numbers left of the title headings are **reference numbers** to the GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES (Stormwater Permit))

5.3 (2): STAFF TRAINING/SWPPP IMPLEMENTATION

To promote stormwater management awareness specific for this project, the Contractor's Erosion Control Supervisor should provide correspondence of how the SWPPP will be implemented. The Contractor's Erosion Control Supervisor is responsible for providing this information at the preconstruction meeting, and subsequently completing an attendance log, which should identify site-specific implementation of the SWPPP and the names of the personnel who attended the preconstruction meeting. Documentation of the preconstruction meeting will be filed with the SWPPP documents.

5.3 (3): DESCRIPTION OF CONSTRUCTION ACTIVITIES

- **5.3 (3a): Project Limits** (See Title Sheet)
- **5.3 (3a): Project Description** (See Title Sheet)
- **5.3 (4): Site Map(s)** (See Title Sheet and Plans)
- **Major Soil Disturbing Activities** (check all that apply)
  - ___ Clearing and grubbing
  - ___ Excavation/ Borrow
  - ___ Filling
  - ___ Other (describe)
- **5.3 (3b): Total Project Area: 2.5 AC**
- **5.3 (3b) Total Area to be Disturbed: 11.5 AC**
- **5.3 (3c) Maximum Area to be Disturbed at One Time: 1.9 AC**
- **5.3 (3d): Existing Vegetative Cover 50%**
- **5.3 (3d): Description of Vegetative Cover: Seeded and maintained grass**

- **5.3 (3e): Soil Properties**: AASHTO Soil or USDA-NRCS Soil Series Classification
- **5.3 (3f): Name of Receiving Water Body/Bodies: Lake Kampeska 5.3 (3g): Location of Construction Support Activity Areas: N/A**

5.3 (3h): ORDER OF CONSTRUCTION ACTIVITIES

- **Special sequencing requirements** (see sheet)

The Contractor will enter the Estimated Start Date.

- Install stabilized construction entrance(s).
- Install perimeter protection where runoff may exit site.
- Install perimeter protection around stockpiles.
- Install channel and ditch bottom protection
- Clearing and grubbing
- Remove soil and topsoil.
- Stabilize disturbed areas
- Install utilities, storm sewers, curb and gutter.
- Install inlet and culvert protection after completing storm drainage and other utility installations.
- Final grading.
- Final Paving.
- Removal of Protection devices.
- Reseed areas disturbed by removal activities.

5.3 (5): DESCRIPTION AND MAINTENANCE OF CONTROL MEASURES

All controls will be maintained in good working order. Necessary repairs will be initiated within 24 hours of the site inspection report. Include the technical reasoning for selecting each control. (check all that apply)

Perimeter Controls (See Detail Plan Sheets)

- X Natural Buffers (within 50 ft of Waters of State)
- X Silt Fence
- ___ Erosion Control Wattles
- ___ Temporary Berm / Windrow
- X Stabilized Construction Entrances
- ___ Entrance/Exit Equipment Tire Wash
- ___ Other:

Structural Erosion and Sediment Controls

- X Silt Fence
- ___ Temporary Berm / Windrow
- ___ Erosion Control Wattles
- ___ Temporary Sediment Barriers
- ___ Erosion Bales`
- ___ Temporary Slope Drain
- ___ Turf Reinforcement Mat
- ___ Riprap
- ___ Gabions
- ___ Rock Check Dams
- ___ Sediment Traps/Basins

- ___ Culvert Inlet Protection
- ___ Transition Mats
- X Median/ Area Drain Inlet Protection
- ___ Curb Inlet Protection
- ___ Interceptor Ditch
- ___ Concrete Washout Facility
- ___ Work Platform
- ___ Temporary Water Barrier
- ___ Temporary Water Crossing
- ___ Permanent Stormwater Ponds
- ___ Permanent Open Vegetated Swales
- ___ Natural Depressions to allow for Infiltration
- ___ Sequential Systems that combine several practices
- ___ Other:

Dust Controls

- ___ Tarps & Wind Impervious Fabrics
- ___ Watering
- ___ Stockpile location/ orientation
- X Dust Control Chlorides
- ___ Other:

Dewatering BMPs

- ___ Sediment Basins
- ___ Dewatering bags
- ___ Weir Tanks
- ___ Temporary Diversion Channel
- ___ Other:

Stabilization Practices (See Detail Plan Sheets)

(Stabilization measures shall begin the following work day whenever earth disturbing activity on any portion of the site has temporarily or permanently ceased. Temporary stabilization shall be completed as soon as practicable but no later than 14 days after initiating soil stabilization activities (3.18))

- X Vegetation Buffer Strips
- ___ Temporary Seeding (Cover Crop Seeding)
- X Permanent Seeding
- ___ Sodding
- ___ Planting (Woody Vegetation for Soil Stabilization)
- X Mulching (Grass Hay or Straw)
- ___ Fiber Mulching (Wood Fiber Mulch)
- ___ Soil Stabilizer
- ___ Bonded Fiber Matrix
- ___ Fiber Reinforced Matrix
- ___ Erosion Control Blankets
- ___ Surface Roughening (e.g. tracking)
- ___ Other:

Wetland Avoidance

Will construction and/or erosion and sediment controls impinge on regulated wetland? Yes ___ No ___ If yes, the structural and erosion and sediment controls have been included in the total project wetland impacts and have been included in the 404 permit process with the USACE.

5.3 (6): PROCEDURES FOR INSPECTIONS

- Inspections will be conducted at least once every 7 days.
- All controls will be maintained in good working order. Necessary repairs will be initiated within 24 hours of the site inspection report.
- Silt fence will be inspected for depth of sediment and for tears to ensure the fabric is securely attached to the posts and that the posts are well anchored. Sediment buildup will be removed from the silt fence when it reaches 1/3 of the height of the silt fence.
- Sediment basins and traps will be checked. Sediment will removed when depth reaches approximately 50 percent of the structure's capacity, at the conclusion of the construction.
- Check dams will be inspected for stability. Sediment will be removed when depth reaches ½ the height of the dam.
- All seeded areas will be checked for bare spots, washouts, and vigorous growth free of significant weed infestations.
- Inspection and maintenance reports will be included on the weekly progress report for each site inspection, this report will also be used to document changes to SWPPP. A copy of the completed inspection form will be filed with the SWPP documents.
- The Resident Project Engineer and the Contractor's Erosion Control Supervisor are responsible for inspections. Maintenance and repair activities are the responsibility of the Contractor. The Resident Project Engineer will complete the inspection and maintenance reports..

5.3 (7): POST CONSTRUCTION STORMWATER MANAGEMENT

Stormwater management will be handled by temporary controls outlined in "DESCRIPTION AND MAINTENANCE OF CONTROL MEASURES" above, and any permanent controls needed to meet permanent stormwater management needs in the post construction period will be shown in the plans and noted as permanent.

5.3 (8): POLLUTION PREVENTION PRECENDURES

5.3 (8A): Spill Prevention and Response Procedures

- **Material Management**
  - House Keeping
    - Only needed products will be stored on-site by the Contractor.
    - Except for bulk materials the contractor will store all materials under cover and/or in appropriate containers.
    - Products must be stored in original containers and labeled.
    - Material mixing will be conducted in accordance with the manufacturer's recommendations.
    - When possible, all products will be completely used before properly disposing of the container off-site.
    - The manufacturer's directions for disposal of materials and containers will be followed.
    - The Contractor's site superintendent will inspect materials storage areas regularly to ensure proper use and disposal.
    - Dust generated will be controlled in an environmentally safe manner.
  - Hazardous Materials
    - Products will be kept in original containers unless the container is not resealable and provide secondary containment as applicable.
    - Original labels and material safety data sheets will be retained in a safe place to relay important product information.
    - In surplus product must be disposed of, manufacturer's label directions for disposal will be followed.
    - Maintenance and repair of all equipment and vehicles involving oil changes, hydraulic system drain down, de-greasing operations, fuel tank drain down and removal, and other activities which may result in the accidental release of contaminants will be conducted on an impervious surface and under cover during wet weather to prevent the release of contaminants onto the ground.
    - Wheel wash water will be collected and allowed to settle out suspended solids prior to discharge. Wheel wash water will not be discharged directly into any stormwater system or stormwater treatment system.
    - Potential pH-modifying materials such as: bulk cement, cement kiln dust, fly ash, new concrete washings, concrete pumping, residuals from concrete saw cutting (either wet or dry), and mixer washout waters will be collected on site and managed to prevent contamination of stormwater runoff.

- **Spill Control Practices**

In addition to the previous housekeeping and management practices, the following practices will be followed for spill prevention and cleanup if needed.

- For all hazardous materials stored on site, the manufacturer's recommended methods for spill cleanup will be clearly posted. Site personnel will be made aware of the procedures and the locations of the information and cleanup supplies.
- Appropriate cleanup materials and equipment will be maintained by the Contractor in the materials storage area on-site. As appropriate, equipment and materials may include items such as brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for cleanup purposes.
- All spills will be cleaned immediately after discovery and the materials disposed of properly.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- After a spill a report will be prepared describing the spill, what caused it, and the cleanup measured taken. The spill prevention plan will be adjusted to include measures to prevent this type of spill from reoccurrences.
- The Contractor's site superintendent, responsible for day-to-day operations, will be the spill prevention and cleanup coordinator.

- **Spill Response**

The primary objective in responding to a spill is to quickly contain the material(s) and prevent or minimize migration into stormwater runoff and conveyance systems. If the release has impacted on-site stormwater, it is critical to contain the released materials on-site and prevent their release into receiving waters. If a spill of pollutants threatens stormwater or surface water at the site, the spill response procedures outlined below must be implemented in a timely manner to prevent the release of pollutants.

- The Contractor's site superintendent will be notified immediately when a spill or threat of a spill is observed. The superintendent will assess the situation and determine the appropriate response.
- If spills represent an imminent threat of escaping erosion and sediment controls and entering receiving waters, personnel will be directed to respond immediately to contain the release and notify the superintendent after the situation has been stabilized.
- Spill kits containing appropriate materials and equipment for spill response and cleanup will be maintained by the Contractor at the site.
- If oil sheen is observed on surface water (e.g. settling ponds, detention ponds, swales), action will be taken immediately to remove the material causing the sheen. The Contractor will use appropriate materials to contain and absorb the spill. The source of the oil sheen will also be identified and removed or repaired as necessary to prevent further releases.
- If a spill occurs the superintendent or the superintendent's designee will be responsible for completing the spill reporting form and for reporting the spill to SDDANR
- Personnel with primary responsibility for spill response and cleanup will receive training by the Contractor's site superintendent or designee. The training must include identifying the location of the
- spill kits and other spill response equipment and the use of spill response materials.
- Spill response equipment will be inspected and maintained as necessary to replace any materials used in spill response activities

5.3 (8b): WASTE MANGAGEMENT PROCEDURES

- **Waste Disposal**
  - All liquid waste materials will be collected and stored in approved sealed containers. All trash and construction debris from the site will be deposited in the approved containers. Containers will be serviced as necessary, and the trash will be hauled to an approved disposal site or licensed landfill. All onsite personnel will be instructed in the proper procedures for waste disposal and notices stating proper practices will be posted. The Contractor is responsible for ensuring waste disposal procedures are followed.

- **Hazardous Waste**
  - All hazardous waste materials will be disposed of in a manner specified by local or state regulations or by the manufacturer. Site personnel will be instructed in these practices, and the Contractor will be responsible for seeing that these practices are followed.

- **Sanitary Waste**
  - Portable sanitary facilities will be provided on all construction sites. Sanitary waste will be collected from the portable units which must be secured to prevent tipping and serviced in a timely manner by a licensed waste management Contractor or as required by any local regulations.

5.3 (9): CONSTRUCTION SITE POLLUTANTS

The following materials or substances are expected to present on the site during the construction period. These materials will be handled as noted under the heading "POLLUTION PREVENTION PROCEDURES" (check all that apply)

- ___ Concrete and Portland Cement
- X Detergents
- ___ Paints
- X Metals
- X Bituminous Materials
- X Petroleum Based Products
- X Diesel Exhaust Fluid
- ___ Cleaning Solvents
- ___ Wood
- X Cure
- X Texture
- X Chemical Fertilizers
- ___ Other:

Product Specific Practices

- **Petroleum Products**

  All on-site vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled.

- **Fertilizers**

  Fertilizers will be applied only in the amounts specified by the Engineer. Once applied, fertilizers will be worked into the soil to limit the exposure to stormwater. Fertilizers will be stored in an enclosed area. The contents of partially used fertilizer bags will be transferred to sealable containers to avoid spills.

- **Paints**

  All containers will be tightly sealed and stored when not required for use. The excess will be disposed of according to the manufacturer's instructions and any applicable state and local regulations.

- **Concrete Trucks**

  Contractors will provide designated truck washout facilities on the site. These areas must be self contained and not connected to any stormwater outlet of the site. Upon completion of construction, the area at the washout facility will be properly stabilized.

5.3 (8b): WASTE MANGAGEMENT PROCEDURES

- **Waste Disposal**
  - All liquid waste materials will be collected and stored in approved sealed containers. All trash and construction debris from the site will be deposited in the approved containers. Containers will be serviced as necessary, and the trash will be hauled to an approved disposal site or licensed landfill. All onsite personnel will be instructed in the proper procedures for waste disposal and notices stating proper practices will be posted. The Contractor is responsible for ensuring waste disposal procedures are followed.

- **Hazardous Waste**
  - All hazardous waste materials will be disposed of in a manner specified by local or state regulations or by the manufacturer. Site personnel will be instructed in these practices, and the Contractor will be responsible for seeing that these practices are followed.

- **Sanitary Waste**
  - Portable sanitary facilities will be provided on all construction sites. Sanitary waste will be collected from the portable units which must be secured to prevent tipping and serviced in a timely manner by a licensed waste management Contractor or as required by any local regulations.

5.3 (10): NON-STORMWATER DISCHARGES

The following non-stormwater discharges are anticipated during the course of this project (check all that apply).

- X Discharge from water line flushing
- X Pavement wash-water, where no spills or leaks of toxic or hazardous materials have occurred.
- ___ Uncontaminated ground water associated with dewatering activities.

5.3 (11): INFEASIBILITY DOCUMENTATION

If it is determined to be infeasible to comply with any of the requirements of the Stormwater Permit, the infeasibility determination must be thoroughly documented in the SWPPP.

-

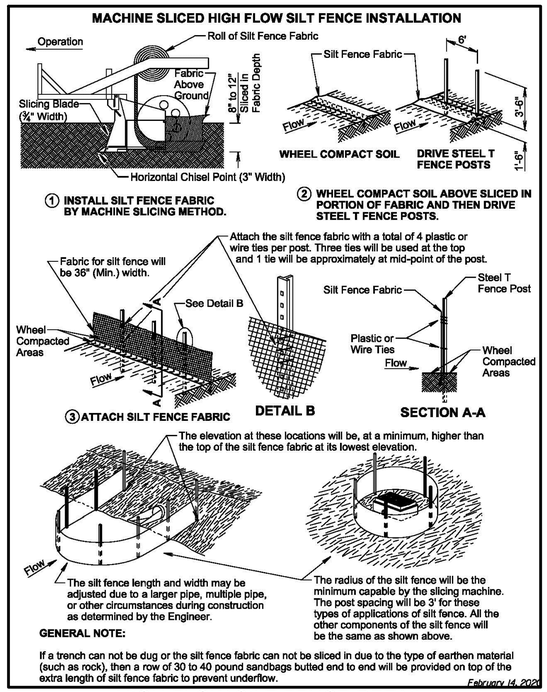
REGISTERED PROFESSIONAL ENGINEER
REG. NO.
12065
LEIF C. REDINGER
SOUTH DAKOTA
4/7/2025

Helms & ASSOCIATES
CIVIL ENGINEERS & LAND SURVEYORS
416 Production St N.
P.O. Box 111,
Aberdeen, S.D. 57402
Phone: 605.225.1212,
Fax: 605.225.3189
Email:
bobb@helmsengineering.com

ADDENDUM #1

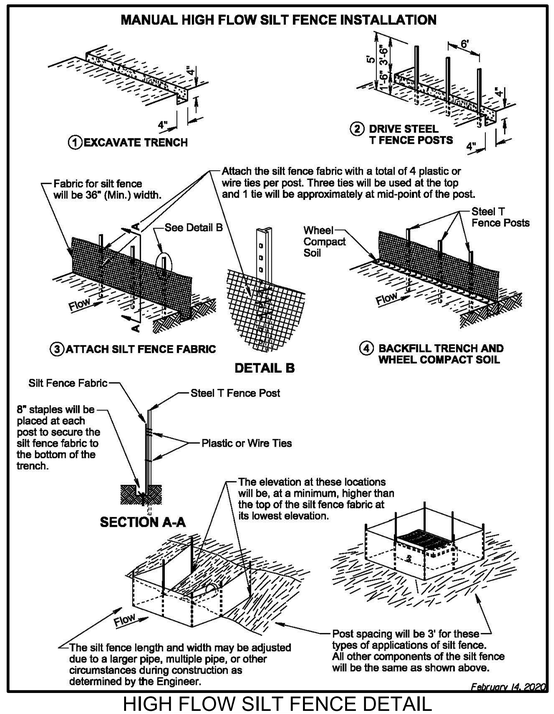
hkg architects

SUBMITTED 4/7/2025	Plans for SWO INSTUCTIONAL BUILDING SISSETON WAHPETON COLLEGE AGENCY VILLAGE, SOUTH DAKOTA	STORM WATER POLLUTION PREVENTION PLAN NOTES	DRAWN BY AMO TRACED BY ___ CHECKED BY LCR C109
DEPT. NO.	Helms and Associates Aberdeen, S.D.	DATE 2/27/2025	OF 11 PROJECT NO. 2023-0015



HIGH FLOW SILT FENCE DETAIL

NO SCALE



HIGH FLOW SILT FENCE DETAIL

NO SCALE

7.1: SPILL NOTIFICATION

In the event of a spill, the Contractor's site superintendent will make the appropriate notification(s), consistent with the following procedures:

- A release or spill of regulated substance (includes petroleum and petroleum products) must be reported to SDDANR immediately **if any one of the following** conditions exists:
  - The release or spill threatens or is able to threaten waters of the state (surface water or ground water)
  - The release or spill causes an immediate danger to human health or safety
  - The release or spill exceeds 25 gallons
  - The release or spill causes a sheen on surface water
  - The release or spill of any substance that exceeds the ground water quality standards of ARSD Chapter 74:54:01
  - The release or spill of any substance that exceeds the surface water quality standards of ARSD Chapter 74:54:01
  - The release or spill of any substance that harms or threatens to harm wildlife or aquatic life.
  - The release or spill is required to be reported according to Superfund Amendments and Reauthorization Act (SARA) Title III List of Lists, Consolidated List of Chemicals Subject to Reporting under the Emergency Planning and Community Right to Know Act, US Environmental Protection Agency.

- To report a release or spill, call SDDANR at 605-773-3296 during regular office hours (8 a.m. to 5 p.m. Central Standard Time). To report the release after hours, on weekends or holidays, call South Dakota Emergency Management at 605-773-3231. Reporting the release to SDDANR does not meet any obligation for reporting to other state, local, or federal agencies. Therefore, you must also contact local authorities to determine the local reporting requirements for release. A written report of the unauthorized release of any regulated substance, including quantity discharged, and the location of the discharge shall be sent to the SDDANR within 14 days of the discharge.

4: SWPPP CERTIFICATIONS

- **Certification of Compliance with Federal, State, and Local Regulations**

The Storm Water Pollution Prevention Plan (SWPPP) for this project reflects the requirements of all local municipal jurisdictions for storm water management and sediment and erosion control as established by ordinance, as well as other state and federal requirements for the sediment and erosion control plans, permits, notices or documentation as appropriate.

Watertown Regional Airport, City of Watertown

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assume that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment knowing violations.

_____

Authorized Signature (See the General Permit, Section 7.4 (1))

- **Prime Contractor**

This section is to be executed by the General Contractor after the award of the contract. This section may be executed any time there is a change in the Prime Contractor of the project.

- I certify under penalty of law that this document and all attachments will be revised or maintained under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

_____

Authorized Signature

CONTACT INFORMATION

The following personnel are duly authorized representatives and have signatory authority for modifications made to the SWPP:

- Contractor Information:
  - Prime Contractor Name:_____
  - Contractor Contact Name:_____
  - Address:_____
  - _____
  - City:_____State:_____Zip:_____
  - Office Phone:_____Field:_____
  - Cell Phone:_____Fax:_____

Erosion Control Supervisor

- Name:_____
- Address:_____
- _____
- City:_____State:_____Zip:_____
- Office Phone:_____Field:_____
- Cell Phone:_____Fax:_____

- Project Engineer
  - Leif Redinger PE
  - Business Address: 416 N. PRODUCTION ST.
  -
  - Job Office Location: Aberdeen, SD
  - City: Aberdeen State: SD Zip: 57401
  - Office Phone: (605) 225-1212 Field:
  - Cell Phone: (605)-216-8707 Fax: (605) 225-3189

- **SDDANR Contact Spill Report**
  - Business Hours Monday-Friday (605) 773-3296
  - Nights and Weekends (605) 773-3231

- **SDDANR Contact for Hazardous Materials**
  - (605) 773-3153

- **National Response Center Hotline**
  - (800) 424-8802

- **SDDANR Stormwater Contact Information**
  - SDDANR Stormwater (800) 737-8676
  - Surface Water Quality Program (605) 773-3351

5.5: REQUIRED SWPPP MODIFICATIONS

- **5.5 (1): Conditions Requiring SWPP Modification**

The SWPPP must be modified, including the site map(s), in response to any of the following conditions:

- When a new operator responsible for implementation of any part of the SWPPP begins to work on the site.
- When Changes to construction plans, sediment and erosion control measures, or any best management practices on site that are no longer accurately reflected in the SWPPP. This included changes made in response to corrective actions triggered by inspections.
- To reflect areas on the site map where operations control has been transferred (including the date of the transfer) or has been covered under a new permit since initiating coverage under this general permit.
- If inspections by site staff, local officials, SDDANR, or U.S. EPA determine that SWPPP modifications are necessary for compliance with Stormwater Permit.
- To reflect any revisions to applicable federal, state, or local requirements that affect the control measures implemented at the site.
- If approved by the Secretary, to reflect any changes in chemical water treatment systems or controls, including the use of a different water treatment chemical, age rates, different areas, or methods of applications.

- **5.5 (2): Deadlines for SWPPP Modification**

Any required revisions to the SWPPP must be completed within 7 calendar days following any of the items listed above.

- **5.5 (3): Documentation of Modifications to the Plan**

All SWPPP modification records are required to be maintained showing the dates of when the modification occurred. The records must include the name of the person authorizing each change and a brief summary of all changes.

- **5.5 (5): Required Notice to Other Operators**

If there are multiple operators at the site, the Contractor's Erosion Control Supervisor must notify each operator that may be impacted by the change to the SWPP within 24 hours.

When modifications as described above occur, the SWPPP will be modified to provide appropriate protection to disturbed areas, all storm water structures, and adjacent waters. The Project Engineer will modify the SWPPP and drawings on the plans will be modified to reflect the needed changes. Copies of the SWPPP modifications will be given to the Contractor Erosion Control Supervisor and a copy will be emailed Owner.

REGISTERED PROFESSIONAL ENGINEER
REG. NO. 12085
LEIF C. REDINGER
SOUTH DAKOTA
4/7/2025

SHEET: SWPPP (3)

Helms & ASSOCIATES
CIVIL ENGINEERS & LAND SURVEYORS
416 Production St N.
P.O. Box 111,
Aberdeen, S.D. 57402
Phone: 605.225.1212,
Fax: 605.225.3189
Email:
bobb@helmsengineering.com

ADDENDUM #1

hkg architects

DATE 4/7/2025	Plans for SWO INSTUCTIONAL BUILDING SISSETON WAHPETON COLLEGE AGENCY VILLAGE, SOUTH DAKOTA	STORM WATER POLLUTION PREVENTION PLAN NOTES	DRAWN BY AMG / CHECKED BY LCR / C110 OF 11
DIST. NO.	Helms and Associates Aberdeen, S.D.	DATE 2/27/2025	PROJECT NO. 2023-0015

SOLIEN & LARSON ENGINEERING, P.C.
CONSULTING STRUCTURAL ENGINEERS

3330 Fiechtner Drive S.W., Suite 206 Fargo, N.D. 58103-2321
***Telephone* 701-235-5593; *Fax* 701-235-5594**
svondal@solienlarson.com

Addendum #1
4/9/2025

Instructional Building
Sisseton Wahpeton College
Agency Village, South Dakota

Structural Plans

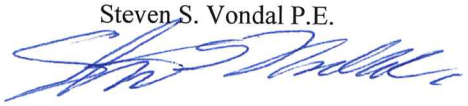
S101

- At the center of the plan along the truss label is a L3 Label delete.
- At Door 22 at the South end of the addition, provide Lintel L6 a W8x13 with a 7" bottom plate and a Brick lintel of a L6x3 1/2x5/16, bear on one fully grouted core, see attached revised lintel schedule.
- Add typical lintel bearing onto masonry detail, see attached 3/S103
- In the existing VoTech provide lintel for new opening see Architectural 4/A104 for location, see attached 1/S103 and 2/S103
-

If you have any comments or questions please advise.

Prepared By:

Steven S. Vondal P.E.

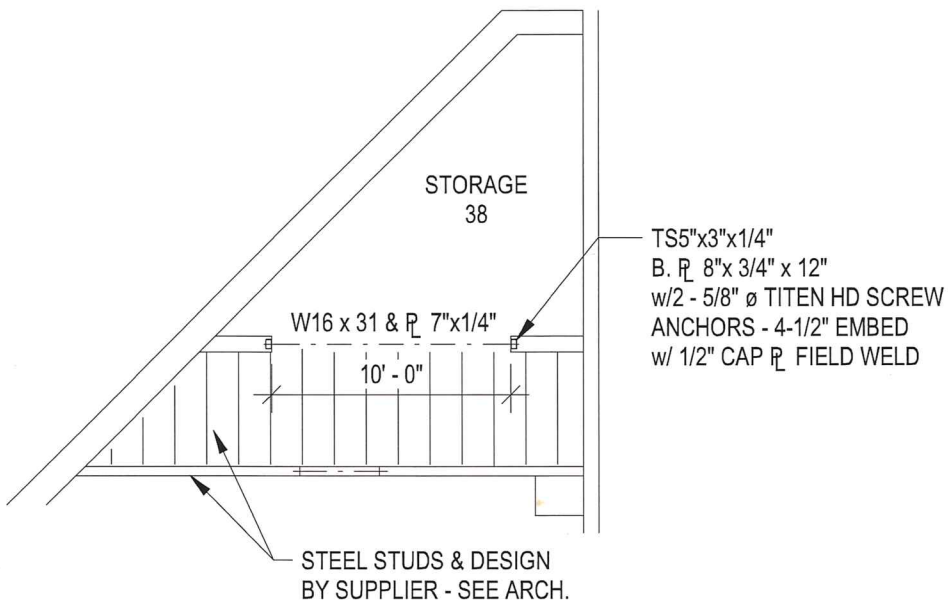


LINTEL SCHEDULE

MARK	LINTEL	R.O.	REMARKS
L1	3 - 1-3/4" x 9-1/2" LVL's	7'-0" to 8 '-0"	2 TRIMMER 3 KING POSTS
L2	3 - 2 x 8's	4'-0"	1 TRIMMER 2 KING POSTS
L3	3 - 2 x 8's	3'-4"	1 TRIMMER 2 KING POSTS
L4	3 - 2 x 8's	3'-4"	1 TRIMMER 1 KING POST
L5	3 - 2 x 8's	2' 6-1/2"	1 TRIMMER - 1 KING POST (USE @ MECH. DUCTS BETWEEN 15" - 30" WIDE)
L6	W8 x 13 w/7" BOTTOM PL w/L6"x4"x5/16" BRICK LEDGE	6'-4"	BEAR ON ONE CORE FULLY GROUTED

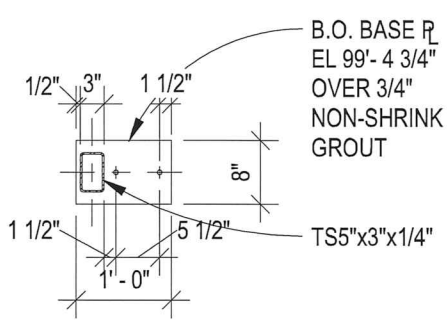
A1

NOTE: 1). VERIFY ALL LINTEL OPENING WIDTHS, ELEVATIONS, AND LOCATIONS WITH THE ARCHITECTURAL PLANS.



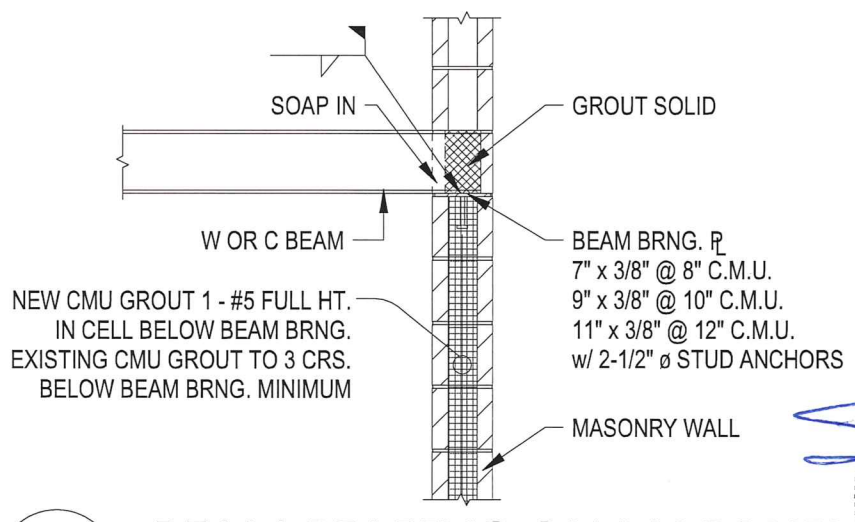
1 / S103 — LINTEL DETAIL

1/8" = 1'-0"



2 / S103 — BASE PLATE

1/2" = 1'-0"



3 / S103 — BEAM BEARING ON MASONRY

1/2" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
REG. NO.
14044
STEVEN S. VONDAL
4/9/25
SOUTH DAKOTA

SOLIEN & LARSON ENGINEERING
CONSULTING STRUCTURAL ENGINEERS
3330 FIECHTNER DRIVE, SUITE 206
FARGO, NORTH DAKOTA 58103
TELEPHONE (701) 235-5593 FAX (701) 235-5594

hkg architects

REVISED DATE	Plans for	Supplementary Drawing	DRAWN BY CH	S103
	Instructional Building Sisseton Wahpeton College Agency Village, South Dakota		TRACED BY ___ CHECKED BY DM REV. 04/09/25	1 OF- 1
CERT. NO.	HKG Architects, Inc. Aberdeen, S.D.		DATE 03/14/25	PROJECT NO. SL 25016

WEST PLAINS ENGINEERING, INC.

Addendum #1

Date: April 9, 2025

To: Andy Schaunaman

From: Stuart Oster, P.E.
Jon Kennedy, P.E.

Project: Instructional Building
Sisseton Wahpeton College

Project #: BS24055

Project Location: Agency Village, SD

Addendum Number: No. 1

To: All prime contract bidders and all others to whom Drawings and Specifications have been issued by the Engineer. Acknowledge receipt of the Addendum by inserting its number and date on the Bid Form. Failure to do so may subject bidder to disqualification. This Addendum forms a part of the Contract Documents. It modifies them as follows:

Product Approvals

The manufacturers and products, which are listed in the following texts, are approved for bidding. Final acceptance is contingent upon receipt and approval of final shop drawings. Manufacturer shall conform to all warranties, performances, size, etc., as the item specified. The burden of proof of the merit of the proposed substitution is upon the proposer. Those items not specifically listed by addendum shall not be approved for bidding.

Section	Description	Manufacturer
22 1005	Floor Drains, Roof Drains, Cleanouts	Watts
22 3000	Water Heaters	State Bradford White
22 4000	Flush Valves	American Standard
22 4000	Faucets	American Standard
22 4000	Carriers	Watts
23 0913 / 23 0993	Temperature Controls	Distech (DDC, Sioux Falls, SD)
23 3600	Air Terminal Units	Price Greenheck
23 3700	Grilles/Registers/Diffusers	Greenheck

Specifications

Section 264300 Surge Protective Devices

1. Add specification section 264300 Surge Protective Devices. See attached for updated specification.

Drawings

Reference Drawing E108 Electrical Schedules

1. Switchboard Schedule MSWBU
    a. Circuit 1 MDPU, 800A/3-pole shall be electronic trip LSIG.
    b. Circuit 2 MDP1, 600A/3-pole shall be electronic trip LSIG.
    c. Circuits 3 and 4, 200A/3-pole shall be thermal magnetic breaker type.

RAPID CITY, SD/POWER
P: (605) 348-7455
F: (605) 348-9445

SIOUX FALLS, SD
ELEC SPECIALTIES
P: (605) 362-3753
F: (605) 362-3759

CASPER, WY
P: (307) 234-9484
F: (307) 234-5494

CEDAR RAPIDS, IA
P: (319) 365-0030
F: (319) 365-4122

d. Circuits 5 and 6, 100A/3-pole shall be thermal magnetic breaker type.

END OF DOCUMENT – SO

RAPID CITY, SD/POWER
P: (605) 348-7455
F: (605) 348-9445

SIOUX FALLS, SD
ELEC SPECIALTIES
P: (605) 362-3753
F: (605) 362-3759

CASPER, WY
P: (307) 234-9484
F: (307) 234-5494

CEDAR RAPIDS, IA
P: (319) 365-0030
F: (319) 365-4122

SECTION 26 4300 - SURGE PROTECTIVE DEVICES

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Surge protective devices for service entrance locations.

1.2 ABBREVIATIONS AND ACRONYMS

A. SPD: Surge Protective Device.

1.3 REFERENCE STANDARDS

A. NECA 1 - Standard for Good Workmanship in Electrical Construction; 2023.

B. NEMA 250 - Enclosures for Electrical Equipment (1000 Volts Maximum); 2020.

C. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

D. UL 1449 - Standard for Surge Protective Devices; Current Edition, Including All Revisions.

1.4 SUBMITTALS

A. Product Data: Include detailed component information, voltage, surge current ratings, repetitive surge current capacity, voltage protection rating (VPR) for all protection modes, maximum continuous operating voltage (MCOV), nominal discharge current (I-n), short circuit current rating (SCCR), connection means including any required external overcurrent protection, enclosure ratings, outline and support point dimensions, weight, service condition requirements, and installed features.

B. Shop Drawings: Include wiring diagrams showing all factory and field connections with wire and circuit breaker/fuse sizes.

C. Certificates: Manufacturer's documentation of listing for compliance with the following standards:
   1. UL 1449.

D. Manufacturer's Installation Instructions: Include application conditions and limitations of use stipulated by product testing agency. Include instructions for storage, handling, protection, examination, preparation, and installation of product.

E. Operation and Maintenance Data: Include information on status indicators and recommended maintenance procedures and intervals.

F. Warranty: Submit sample of manufacturer's warranty and documentation of final executed warranty completed in Owner's name and registered with manufacturer.

G. Project Record Documents: Record actual connections and locations of surge protective devices.

1.5 QUALITY ASSURANCE

A. Comply with requirements of NFPA 70.

1.6 DELIVERY, STORAGE, AND PROTECTION

A. Store in a clean, dry space in accordance with manufacturer's written instructions.

1.7 FIELD CONDITIONS

A. Maintain field conditions within manufacturer's required service conditions during and after installation.

1.8 WARRANTY

A. Manufacturer's Warranty: Provide minimum five year warranty covering repair or replacement of surge protective devices showing evidence of failure due to defective materials or workmanship.

B. Exclude surge protective devices from any clause limiting warranty responsibility for acts of nature, including lightning, stated elsewhere.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Field-Installed, Externally Mounted Surge Protective Devices:
   1. ABB: www.electrification.us.abb.com/#sle.
   2. EATON, SPD Max Series; : www.eaton.com/us/en-us.
   3. Switchboard/Panelboard Manufacturer.

B. Factory-installed, Internally Mounted Surge Protective Devices:
   1. Same as manufacturer of equipment containing surge protective device, to provide complete listed assembly including SPD.

C. Source Limitations: Provide surge protective devices produced by single manufacturer and obtained from single supplier.

2.2 SURGE PROTECTIVE DEVICES - GENERAL REQUIREMENTS

A. Description: Factory-assembled surge protective devices (SPDs) for 60 Hz service; listed, classified, and labeled as suitable for the purpose intended; system voltage as indicated 120/208V,3P,4W.

B. Unless otherwise indicated, provide field-installed, externally-mounted or factory-installed, internally-mounted SPDs.
   1. Basis of design is factory-installed, internally-mounted SDP's. Where the contractor/supplier elect to supply field-installed, externally-mounted SPD's, it is the responsibility of the supplier/contractor to provide pricing for all components required for a complete and fully operational system, such as but not limited to circuit breakers, branch circuit conductors, raceways, enclosures, etc. The field-installed, externally-mounted SPD shall be installed as close to the panelboard as possible.

C. List and label as complying with UL 1449, Type 1 when connected on line side of service disconnect overcurrent device and Type 1 or 2 when connected on load side of service disconnect overcurrent device.

D. Protected Modes:
   1. Wye Systems: L-N, L-G, N-G, L-L.

E. UL 1449 Voltage Protection Ratings (VPRs):
   1. 208Y/120V System Voltage: Not more than 1,000 V for L-N, L-G, and N-G modes and 1,200 V for L-L mode.

F. UL 1449 Maximum Continuous Operating Voltage (MCOV): Not less than 115% of nominal system voltage.

G. Enclosure Environment Type per NEMA 250: Unless otherwise indicated, as specified for the following installation locations:
   1. Outdoor locations: Type 3R.

H. Mounting for Field-installed, Externally Mounted SPDs: Unless otherwise indicated, as specified for the following locations:
   1. Provide surface-mounted SPD where mounted in non-public areas or adjacent to surface-mounted equipment.

I. Equipment Containing Factory-installed, Internally Mounted SPDs: Listed and labeled as a complete assembly including SPD.
   1. Switchboards: See Section 26 2413.

2.3 SURGE PROTECTIVE DEVICES FOR SERVICE ENTRANCE LOCATIONS

A. Surge Protective Device:
   1. Protection Circuits: Field-replaceable modular.
   2. Surge Current Rating: Not less than 120 kA per mode/240 kA per phase.
   3. UL 1449 Nominal Discharge Current (I-n): 20 kA.

4. UL 1449 Short Circuit Current Rating (SCCR): Not less than the available fault current at the installed location as indicated on the drawings.
5. Diagnostics:
    a. Protection Status Monitoring: Provide indicator lights to report the protection for each phase.
    b. Alarm Notification: Provide indicator light and audible alarm to report alarm condition. Provide button to manually silence audible alarm.
    c. Surge Counter: Provide surge event counter with manual reset button, surge count retention upon power loss, and six digit LCD display that indicates quantity of surge events.
6. Provide surge rated integral disconnect switch for SPDs not connected to a dedicated circuit breaker or fused switch or not direct bus connected.

PART 3 EXECUTION

3.1 EXAMINATION

A. Verify that electrical equipment is ready to accept connection of the SPD and that installed overcurrent device is consistent with requirements of drawings and manufacturer's instructions.

B. Verify system grounding and bonding is in accordance with Section 26 0526, including bonding of neutral and ground for service entrance and separately derived systems where applicable. Do not energize SPD until deficiencies have been corrected.

C. Verify that conditions are satisfactory for installation prior to starting work.

3.2 INSTALLATION

A. Perform work in accordance with NECA 1 (general workmanship).

B. Arrange equipment to provide minimum clearances in accordance with manufacturer's instructions and NFPA 70.

C. Unless indicated otherwise, connect service entrance surge protective device on load side of service disconnect main overcurrent device.

D. Do not energize SPD until bonding of neutral and ground for service entrance and separately derived systems is complete in accordance with Section 26 0526 where applicable. Replace SPDs damaged by improper or missing neutral-ground bond.

E. Disconnect SPD prior to performing any high potential testing. Replace SPDs damaged by performing high potential testing with SPD connected.

3.3 FIELD QUALITY CONTROL

A. Procure services of a qualified manufacturer's representative to observe installation and assist in inspection, testing, and adjusting. Include manufacturer's reports with field quality control submittals.

3.4 CLEANING

A. Repair scratched or marred exterior surfaces to match original factory finish.

END OF SECTION 26 4300