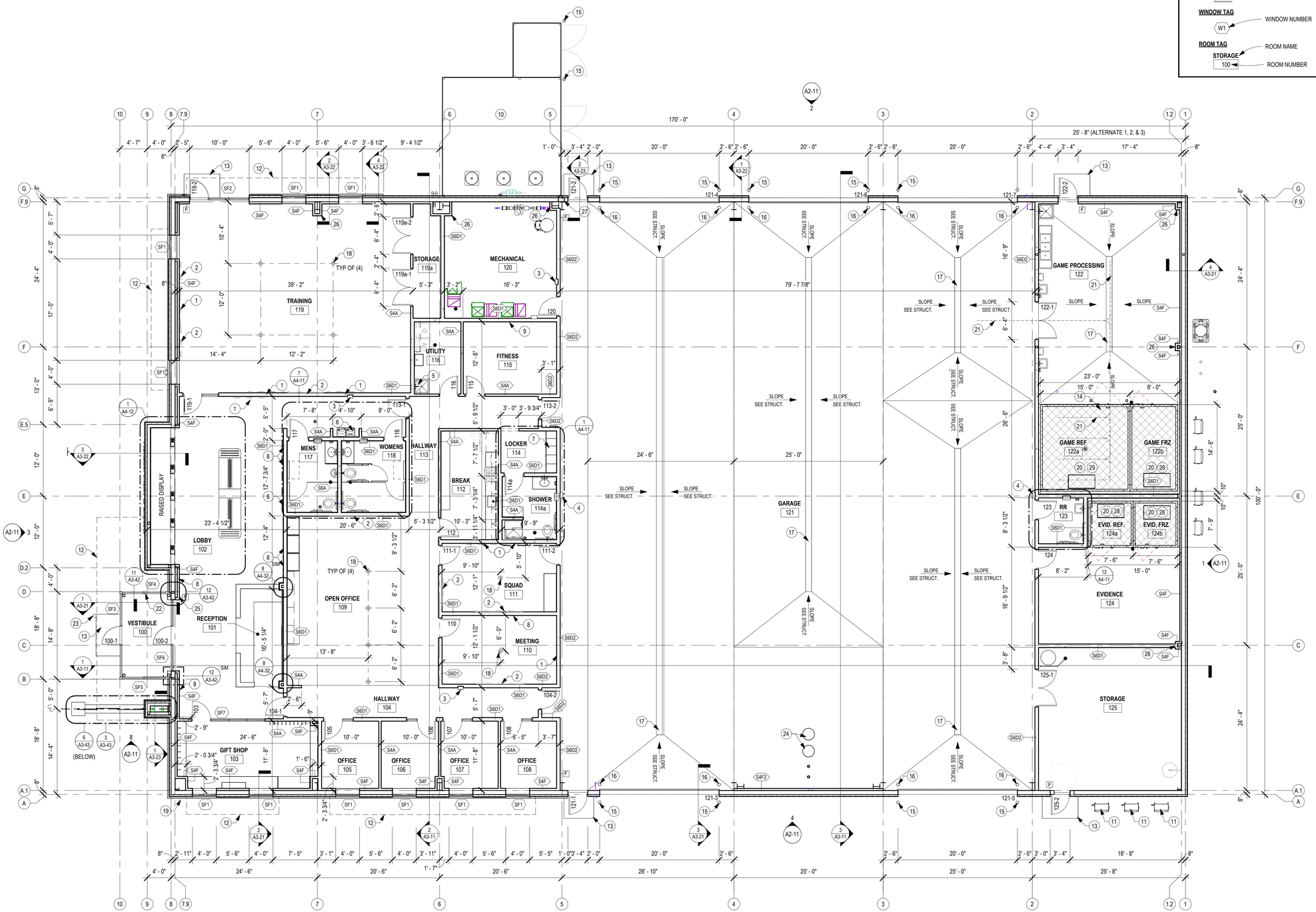


1 A1-21 **FIRST FLOOR PLAN**
1/8" = 1'-0"

SYMBOL KEY

SEE COVER SHEET FOR ABBREVIATIONS AND OTHER DRAWING SYMBOL IDENTIFICATION

PARTITION TYPE
S4D1 — STRUCTURE TYPE / STUD SIZE / ASSEMBLY TYPE

DOOR TAG
101 — DOOR NUMBER

WINDOW TAG
W1 — WINDOW NUMBER

ROOM TAG
STORAGE 100 — ROOM NAME / ROOM NUMBER

WALL LEGEND

NEW WALL
WALL BELOW

FLOOR PLAN NOTES

A. DO NOT SCALE DRAWINGS. DRAWINGS ARE DIAGRAMMATIC ONLY, REPORT DISCREPANCIES TO BRUNTON ARCHITECTS.
B. SEE CIVIL DRAWINGS FOR BUILDING, SITE, AND SIDEWALK LAYOUT.
C. LOCATE ROUGH OPENING FACE OF DOOR JAMB 4" MINIMUM FROM THE FACE OF ADJACENT WALL FINISHES UNLESS OTHERWISE DIMENSIONED OR DETAILED.
D. EACH TRADE IS RESPONSIBLE FOR FIRE SAFING AROUND THEIR PENETRATIONS THROUGH RATED AND UNRATED FLOORS AND WALLS.
E. PLAN DIMENSIONS AT EXTERIOR WINDOWS ARE GIVEN TO THE ROUGH OPENING OR FACE OF BLOCK UNLESS NOTED OTHERWISE.
F. ASSUMED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE.
G. RESTROOM FLOORS ARE NOT REQUIRED TO SLOPE TO FLOOR DRAIN, UNLESS NOTED.
H. DIMENSIONING OF INTERIOR STUD PARTITIONS ON THE FLOOR PLANS IS TO THE FACE OF THE STUD. DIMENSIONING OF EXTERIOR WALLS IS TO GRID LINE/ FACE OF FOUNDATION.
I. WHERE CARDINAL DIRECTIONS ARE NOTED, TRUE NORTH IS TO BE USED FOR REFERENCE.
J. WHITEBOARDS, TELEVISIONS, AND CORKBOARDS ARE TO BE PROVIDED BY OWNER, INSTALLED BY CONTRACTOR, PROVIDE IN WALL BLOCKING AS REQUIRED.
K. PROVIDE 3/4" FIRE TREATED PLYWOOD BACKING BEHIND ALL SURFACE MOUNTED FIXTURES AND EQUIPMENT IN ELECTRICAL AND MECHANICAL ROOMS. VERIFY LOCATIONS WITH CONSULTANT DOCUMENTS.
L. REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND STRUCTURAL BEARING ELEVATIONS.
M. PROVIDE BACKING IN WALL CAVITY FOR ALL CASEWORK, EQUIPMENT, AND TOILET ACCESSORIES. REFER TO ALL DISCIPLINES SHEETS.
N. ALL HALF-TONED / DASHED EQUIPMENT AND FURNITURE ARE FURNISHED AND INSTALLED BY OTHER. EQUIPMENT AND FURNITURE SHOWN FOR MEP COORDINATION.

KEYED PLAN NOTES

REV	MARK	DESCRIPTION
	1	WALL-MOUNTED TV BY OWNER. PROVIDE BLOCKING AS REQUIRED. COORDINATE WITH ELECTRICAL AND A/V SYSTEMS
	2	WALL-MOUNTED WHITEBOARD BY OWNER, PROVIDE BLOCKING AS REQUIRED
	3	SEMI-RECESSED FIRE EXTINGUISHER CABINET
	4	WALL-MOUNTED FIRE EXTINGUISHER CABINET
	5	MOP SINK, SEE MECHANICAL. PROVIDE UTILITY SHELF ABOVE
	6	HI-LOW ACCESSIBLE DRINKING FOUNTAIN WITH BOTTLE FILLER, SEE PLUMBING
	7	LOCKERS, PROVIDE BLOCKING AS REQUIRED
	8	WALL HUNG FRAME OR DISPLAY, PROVIDE BLOCKING AS REQUIRED
	9	AEROBIC MIRRORS (S) SEE INTERIOR ELEVATIONS, PROVIDE BLOCKING AS REQUIRED
	10	GENERATOR, SEE ELECTRICAL FOR CONCRETE PAD DETAILS
	11	CONDENSER UNIT, SEE MECHANICAL
	12	DASHED LINE REPRESENTS EDGE OF ROOF OR SHADE TRELLIS ABOVE
	13	CONCRETE STOOP, SEE STRUCTURAL
	14	HATCH INDICATES UNIQUE CONCRETE SLAB CONDITIONS, SEE STRUCTURAL
	15	CONCRETE FILLED STEEL PIPE BOLLARD WITH BLACK BOLLARD COVER, SEE CIVIL
	16	FLOOR MOUNTED STEEL PIPE BOLLARD W/ BLACK BOLLARD COVER, INSTALL PER MANUFACTURER'S RECOMMENDATIONS
	17	LINEAR TRENCH DRAIN, REFER TO MECHANICAL DRAWINGS
	18	FLOOR BOX, SEE ELECTRICAL.
	19	FIRE DEPARTMENT CONNECTION
	20	WALK IN COOLER, SEE SPECIFICATION
	21	RAIL SYSTEM ABOVE
	22	(2) MULLION MOUNDED DOOR OPERATOR, SEE DOOR HARDWARE SPECIFICATION
	23	POST MOUNTED DOOR OPERATOR, SEE DOOR HARDWARE SPECIFICATION
	24	FLAMMABLE WASTE INTERCEPTOR, SEE MECHANICAL
	25	WALL MOUNDED DOOR OPERATOR, SEE DOOR HARDWARE SPECIFICATION
	26	INSTALL FRAMING TIGHT TO THE MAIN STRUCTURE WHILE MAINTAINING A STRAIGHT, PLUMB ALIGNMENT. DO NOT FOLLOW THE TAPER OF THE STRUCTURAL COLUMNS.
	27	PROVIDE CONTINUOUS CLOSURE WITHIN GIRT SPACE BEHIND MAIN STRUCTURAL FRAME TO CLOSE OFF
	28	SEE STRUCTURAL FOR RECESSED SLAB DETAIL, COORDINATE EXTENTS WITH WALK IN COOLER MANUFACTURER
	29	SEE STRUCTURAL FOR INSULATED SLAB DETAIL, COORDINATE EXTENTS WITH WALK IN COOLER MANUFACTURER

BRUNTON
MINNEAPOLIS
612.338.3989 | 763
752-51 Washington Ave
Minneapolis, MN 55458
MANKATO
507.387.3386 | 73966
1251 Belvedere Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUSON
C-3502
STATE OF WYOMING
Date 11/02/2026

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

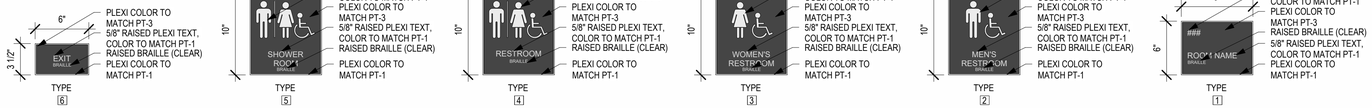
No.: 25494-1	Date: 11-02-2026
Drawn: GEP	Checked: CRA
Project Manager: GEP	
Project Status: CONSTRUCTION DOCS	

Sheet Title:
FIRST FLOOR PLAN

Sheet No.:
A1-21

TRUE PROJECT

11/2/2026 4:42:16 PM



SIGNAGE GENERAL NOTES

A. SEE FINISH PLANS FOR ROOM SIGN TYPE LOCATIONS, SIGN TYPE INDICATED WITH # SYMBOL.
B. SIGNS MOUNTED ON GLASS OR TRANSPARENT SURFACES SHALL HAVE A BLANK SIGN MOUNTED TO THE REVERSE SIDE OF THE WALL CONCEALING SIGN ADHESIVE.
C. SIGNAGE SHALL BE MOUNTED 4'-0" TO BOTTOM OF LOWEST - 5'-0" TO BOTTOM OF HIGHEST TACTILE CHARACTER FROM FINISHED FLOOR.

SYMBOL KEY

1 — ROOM SIGNAGE, SEE SIGNAGE SCHEDULE

FLOOR FINISH INSTALLATION DIRECTION

FLOOR TRANSITION TAG - WITH TRANSITION STRIP

EXTENT LINE
TRANSITION STRIP
FINISH

FLOOR TRANSITION TAG - WITHOUT TRANSITION STRIP

EXTENT LINE
FINISH

FINISH EXTENT TAG

FINISH EXTENT LINE
SPECIALTY FINISH(ES)

ROOM FINISH TAG

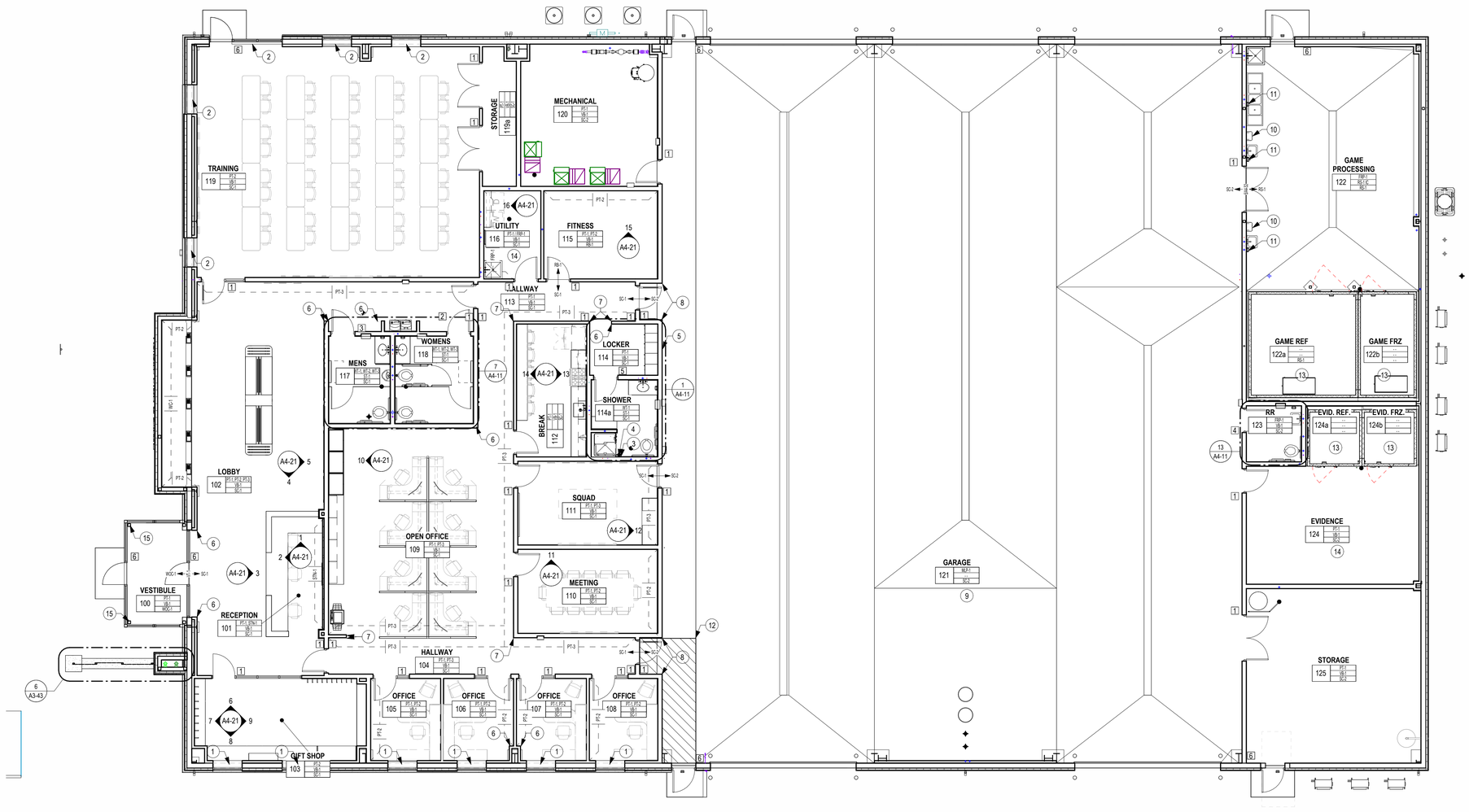
ROOM NAME
WALL FINISH
BASE FINISH
FLOOR FINISH
ROOM NUMBER

FINISH PLAN NOTES

A. WHERE CARDINAL DIRECTIONS ARE NOTED, TRUE NORTH IS TO BE USED FOR REFERENCE.
B. WHERE CHANGE IN FLOOR FINISH OCCURS IN DOORWAYS, THE CHANGE SHALL BE CENTERED UNDER THE CLOSED POSITION OF THE DOOR.
C. FEATHER FLOORING AS REQUIRED FOR FLUSH TRANSITIONS U.N.O.
D. LOUVERS, VENTS, GRILLES, AND OTHER MISCELLANEOUS MECHANICAL/ELECTRICAL DEVICES SHALL BE PAINTED TO MATCH ADJACENT FINISH U.N.O.
E. PROVIDE AND INSTALL 4'-0" HIGH FRP BOARD AND ASSOCIATED HARDWARE ON ALL WALLS ADJACENT TO MOP SINKS AND 24" BEYOND EDGES. U.N.O.
F. ALL WINDOWS TO HAVE A SOLID SURFACE WINDOW SILL AS NOTED IN THE SURFACE FINISH SCHEDULE.
G. PROVIDE AND INSTALL CORNER GUARDS ON ALL EXPOSED OUTSIDE GYPSUM BOARD CORNERS. SEE FINISH PLANS FOR LOCATIONS AND TYPES.
H. ALL HALF -TONED/DASHED EQUIPMENT AND FURNITURE ARE FURNISHED AND INSTALLED BY OTHER. EQUIPMENT AND FURNITURE SHOWN FOR MEP COORDINATION.

(#) KEYED FINISH NOTES

REV	MARK	DESCRIPTION
	1	MANUAL WINDOW SHADES, SEE SPECIALTY FINISH SCHEDULE
	2	DUAL WINDOW SHADE, MANUAL OPERATION, 3% OPEN AND BLACKOUT SHADES, SEE SPECIALTY FINISH SCHEDULE
	3	ROBE HOOK, MOUNTED 60" ABOVE FINISHED FLOOR
	4	ROBE HOOK, MOUNTED 48" ABOVE FINISHED FLOOR
	5	(8) COAT HOOKS, MOUNTED 72" ABOVE FINISHED FLOOR, SPACED 1'-0" APART
	6	CORNER GUARD (CG-1), SEE SPECIALTY FINISH SCHEDULE
	7	CORNER GUARD (CG-2), SEE SPECIALTY FINISH SCHEDULE
	8	CORNER GUARD (CG-3), SEE SPECIALTY FINISH SCHEDULE
	9	METAL LINER PANEL WALL FINISH, SEE BUILDING ASSEMBLIES AND EXTERIOR FINISHES
	10	SURFACE MOUNTED PAPER TOWEL DISPENSER
	11	SURFACE MOUNTED SOAP DISPENSER
	12	PAINT STRIPED REGION ON FLOOR (PT-6) AS SHOWN TO PROVIDE A CONTINUOUS, DISTINGUISHABLE EGRESS PATH IN ACCORDANCE WITH IBC SECTION 1016.2
	13	INTERIOR FINISHES BY COOLER MANUFACTURER, U.N.O. SEE SPECIFICATION
	14	EPOXY PAINT REQUIRED ON ALL WALLS AND SURFACES
	15	EXPOSED COLUMN TO BE PAINTED PT-4, PAINT TO EXTEND TO MIN 6" ABOVE FINISH CEILING



1 / A1-41 **FIRST FLOOR FINISH PLAN**
1/8" = 1'-0"

TRUE PROJECT

11/2/2026 4:42:25 PM

BRUNTON
MINNEAPOLIS
701 Washington Ave N
Suite 289 / 290
Minneapolis, MN 55401
752-51 Washington Ave
Minneapolis, MN 55415
MANKATO
214 Belgrade Ave
Suite 338 / 339
North Mankato, MN 56003
215 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

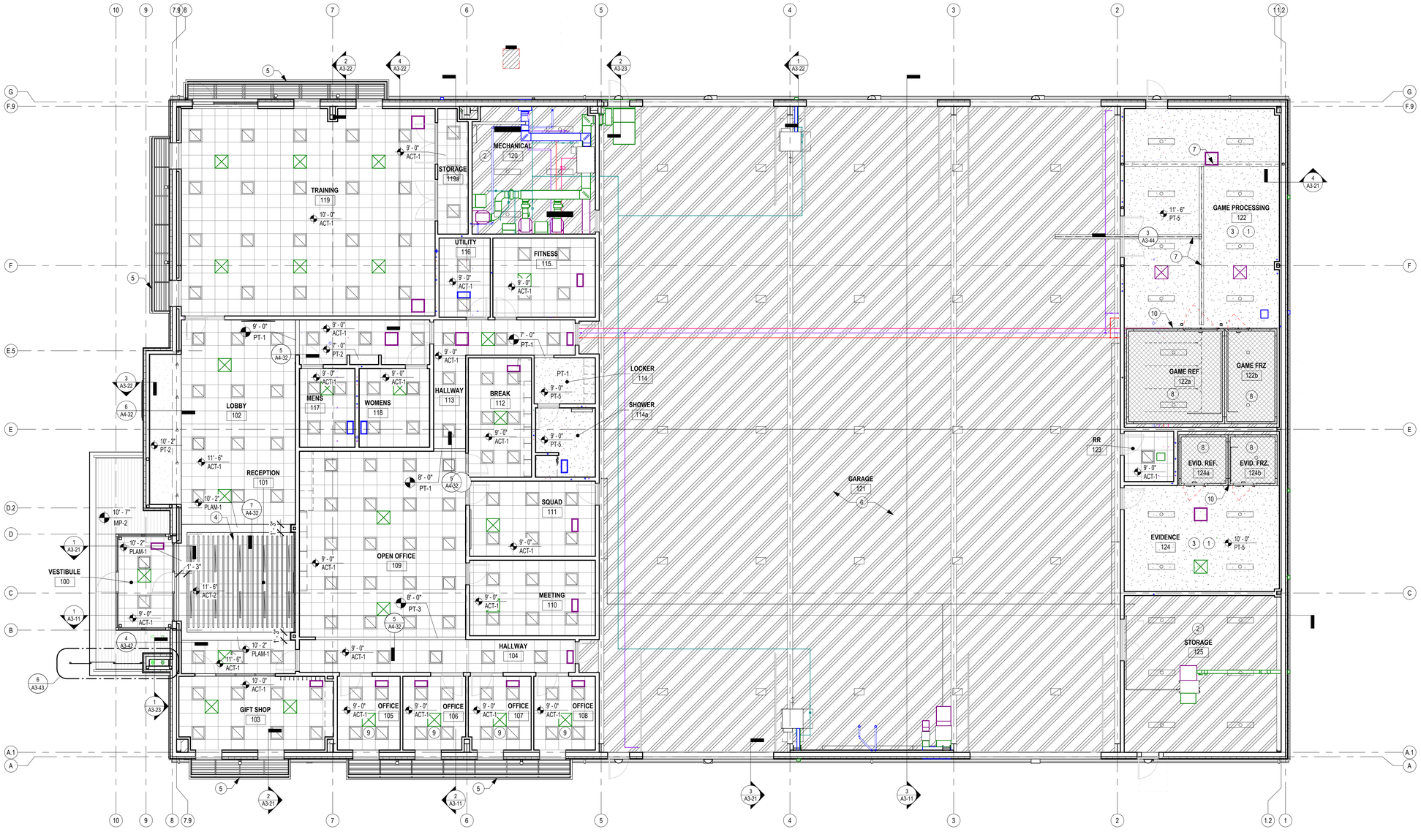
This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.: 25494-1	Date: 11-02-2026
Drawn: GEP	Checked: JMN
Project Manager: GEP	
Project Status: CONSTRUCTION DOCS	

Sheet Title:
FINISH PLAN

Sheet No.:
A1-41



1 A1-51 **FIRST FLOOR**
1/8" = 1'-0"

MATERIAL/SYMBOL KEY

**** VERIFY WITH ELECTRICAL AND MECHANICAL PLANS PRIOR TO CONSTRUCTION**

- 9' - 0" / ACT-# — HEIGHT OF SURFACE FROM ADJOINING FINISH FLOOR; CEILING MATERIAL, SEE FINISH SCHEDULE
- ACT - ACCOUSTICAL CEILING TILE (2'-0' x 2'-0")
- PT - PAINTED GYPSUM BOARD CEILING/ SOFFIT
- REFRIGERATOR/FREEZER CEILING BY SUPPLIER
- METAL PANEL LINER BY METAL BUILDING MANUFACTURER, SEE EXTERIOR FINISHES

CEILING PLAN NOTES

A. CEILING GRID IS TO BE CENTERED IN ROOM, UNLESS NOTED OTHERWISE.
B. COLOR OF SPRINKLER HEADS TO MATCH CEILINGS, UNLESS NOTED OTHERWISE.
C. REFER TO FLOOR PLAN FOR PARTITION TYPE AND DIMENSIONS.
D. SUB-CONTRACTORS TO VERIFY LIGHTING AND HVAC LOCATIONS WITH ELECTRICAL AND MECHANICAL PLANS.
E. BULKHEADS AND SOFFITS TO BE PAINTED PT-1, UNLESS NOTED OTHERWISE.
F. REFER TO EXTERIOR ELEVATION FINISH SCHEDULE FOR EXTERIOR SOFFIT MATERIAL.

(#) KEYED RCP NOTES

REV MARK	DESCRIPTION
1	EPOXY PAINT REQUIRED ON ALL CEILING SURFACES
2	EXPOSED TO STRUCTURE
3	24" X 24" CEILING MOUNTED ACCESS PANEL. COORDINATE LOCATION WITH PLUMBING CONTRACTOR
4	BF-1 INSTALLED AT 10'-6" A.F.F.
5	PREFINISHED ALUMINUM SHADE TRELLIS, SEE ROOF PLAN
6	INTERIOR METAL LINER PANEL, BY METAL BUILDING MANUFACTURER
7	GAME RAIL SYSTEM, COORDINATE WITH REFRIGERATOR SUPPLIER, RAIL SUPPLIER, AND STRUCTURAL
8	HATCH INDICATES CEILING BY FREEZER/REFRIGERATOR SUPPLIER. EXPOSED TO STRUCTURE ABOVE
9	BATT INSULATION TO BE INSTALLED ABOVE THE ACOUSTIC CEILING TILES
10	WALK-IN REFRIGERATOR / FREEZER CLOSURE PANEL AT FACE OPEN TO CEILING, EXTEND PANEL 4" ABOVE FINISH CEILING - PANEL BY REFRIGERATOR / FREEZER MANUFACTURER

TRUE PROJECT

11/2/2026 4:42:28 PM

BRUNTON
MINNEAPOLIS
Phone: 763.559.1396
7525 Wallace Road
Minneapolis, MN 55428

MANKATO
Phone: 507.388.7296
225 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT — CORNEY A. BRUNTON — C-3502 — Date 11/02/2026 — STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

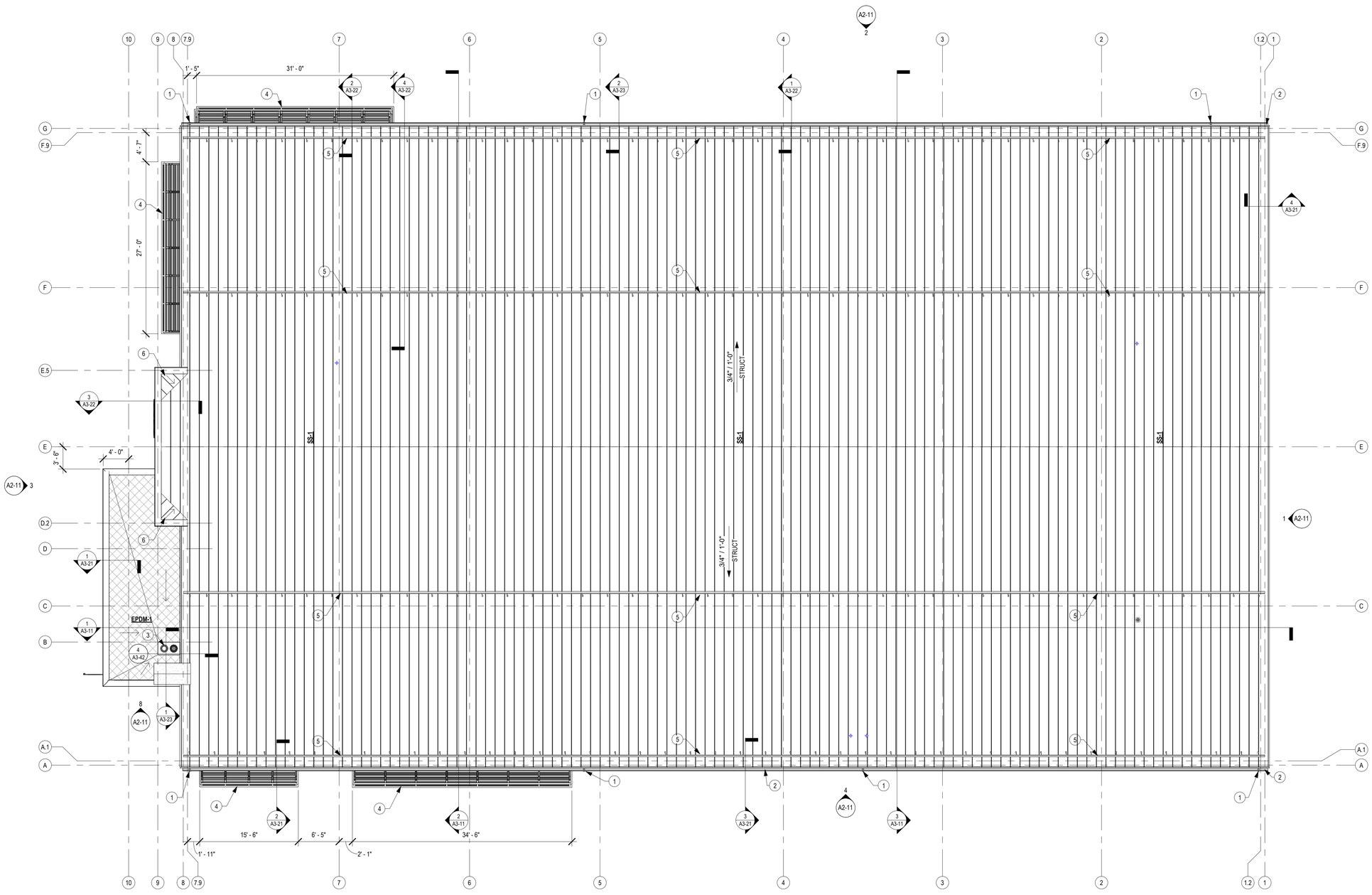
This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

WY REVISION:

No.: 25494-1	Date: 11-02-2026
Drawn: GEP	Checked: CRA
Project Manager: GEP	
Project Status: CONSTRUCTION DOCS	

Sheet Title:
REFLECTED CEILING PLAN

Sheet No.:
A1-51



1 A1-61 **ROOF PLAN**
1/8" = 1'-0"

ROOF PLAN NOTES

A. ALL CURBS FOR MECHANICAL EQUIPMENT FURNISHED BY EQUIPMENT MANUFACTURER AND INSTALLED BY MECHANICAL CONTRACTOR.
B. COORDINATE EXACT ROOF PENETRATIONS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS.
C. PROVIDE WATER TIGHT TEMPORARY CAPS OVER ROOF OPENINGS TO PREVENT WATER DAMAGE DURING CONSTRUCTION, COORDINATE WITH ALL OTHER TRADES.
D. FIELD VERIFY QUANTITIES, LOCATIONS, AND SIZES OF ALL EQUIPMENT, PIPING, DUCTWORK, ETC.
E. REFER TO DETAIL SHEETS, AND SPECIFICATIONS FOR ALL ROOF EQUIPMENT INSTALLATIONS.
F. FURNISH & INSTALL SPLASH BLOCKS AT ALL DOWNSPOUT LOCATIONS AND ROOF VALLEYS.
G. SEE BUILDING ASSEMBLIES SHEET FOR ROOF ASSEMBLY DESCRIPTIONS
H. WHERE CARDINAL DIRECTIONS ARE NOTED, TRUE NORTH IS TO BE USED FOR REFRENCE.

ROOF PLAN SYMBOL KEY

- 1/4" / 1'-0" STRUCT — STRUCTURAL SLOPE WITH CONSISTENT INSULATION THICKNESS
- TAPERED INSULATION, 1/4" / 1'-0" SLOPE UNO
- PRIMARY ROOF DRAIN
- OVERFLOW ROOF DRAIN
- +5.5" — INSULATION THICKNESS
- CRICKET AT ROOF EQUIPMENT
- CRICKET BETWEEN ROOF DRAINS

(#) KEYED ROOF NOTES

REV	MARK	DESCRIPTION
	1	PREFINISHED BLACK METAL DOWNSPOUT. PROVIDE CONCRETE SPLASHBLOCK BELOW
	2	PREFINISHED BLACK METAL GUTTER
	3	ROOF DRAIN AND OVERFLOOR ROOF DRAIN, SEE MECHANICAL
	4	3'-0" DEEP PREFINISHED BLACK ALUMINUM SHADE TRELLIS
	5	CONTINUOUS SNOW GUARD, COLOR TO MATCH ROOF PANEL COLOR, SEE SPEC. (TYP.)
	6	PROVIDE STEEL STUD FRAMING AS REQUIRED TO FORM CKICKET WITH 1/4" PER FOOT SLOPE

TRUE PROJECT

BRUNTON

MINNEAPOLIS
Plymouth Building
725 Washington Ave
Minneapolis, MN 55401

MANKATO
Alt 507-388-7266
215 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

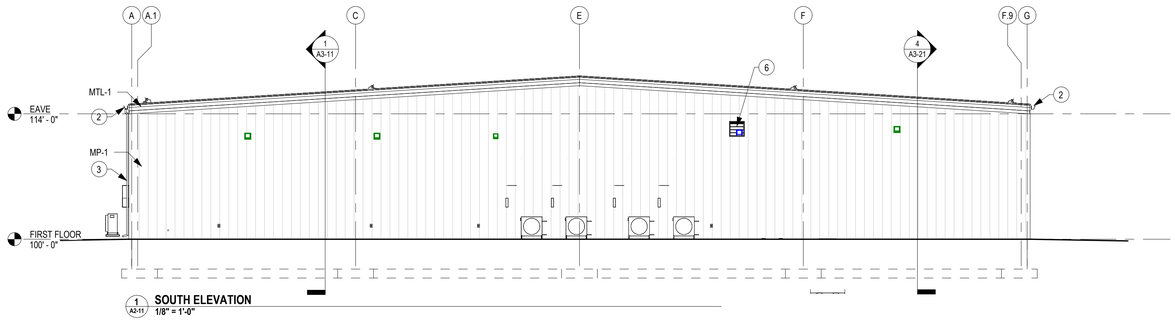
REVISION:

No.: 25494-1	Date: 11-02-2026
Drawn: TS	Checked: CRA
Project Manager: GEP	
Project Status: CONSTRUCTION DOCS	

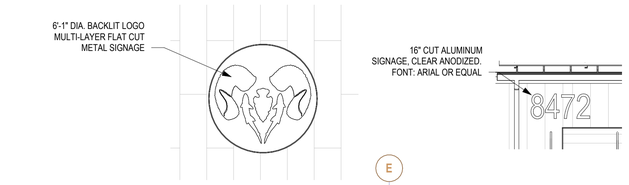
Sheet Title:
ROOF PLAN

Sheet No.:
A1-61

11/2/2026 4:42:30 PM



1 A2-11 **SOUTH ELEVATION**
1/8" = 1'-0"

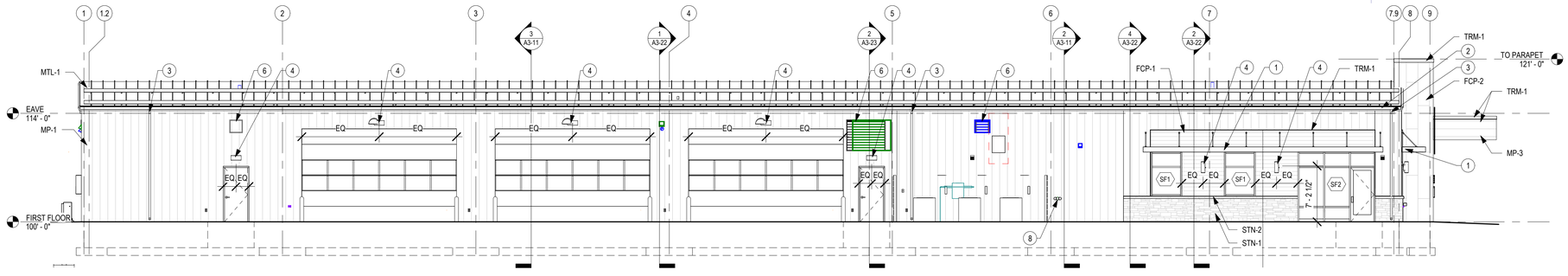


5 A2-11 **EXTERIOR LOGO**
1/4" = 1'-0"

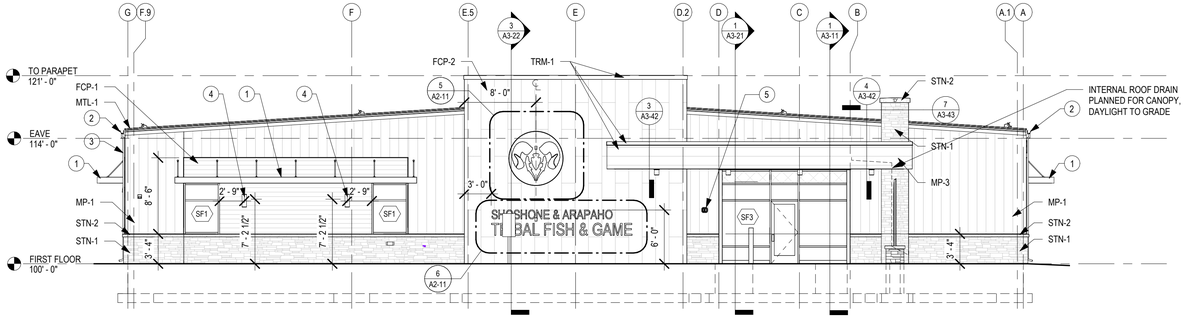
7 A2-11 **ADDRESS SIGNAGE**
1/4" = 1'-0"



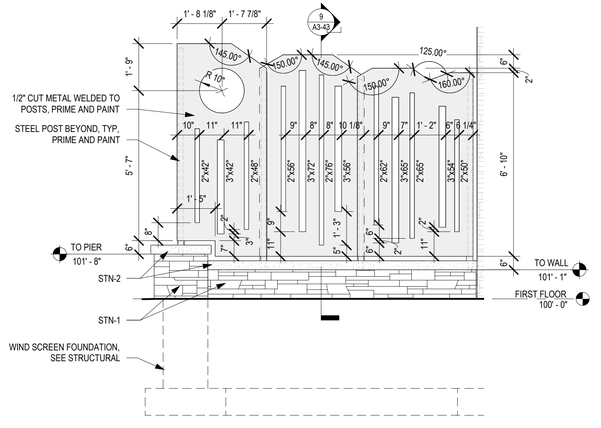
6 A2-11 **EXTERIOR SIGNAGE**
1/4" = 1'-0"



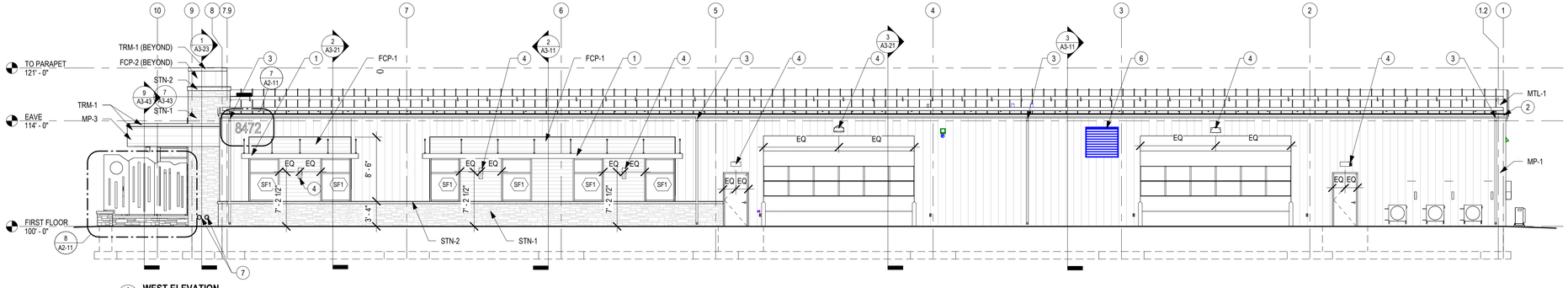
2 A2-11 **EAST ELEVATION**
1/8" = 1'-0"



3 A2-11 **NORTH ELEVATION**
1/8" = 1'-0"



8 A2-11 **WIND SCREEN ELEVATION - ENLARGED**
3/8" = 1'-0"



4 A2-11 **WEST ELEVATION**
1/8" = 1'-0"

EXTERIOR ELEVATION NOTES

A. DO NOT SCALE DRAWINGS. DRAWINGS ARE DIAGRAMMATIC ONLY, REPORT DISCREPANCIES TO BRUNTON ARCHITECTS.
B. SEE OTHER BUILDING ELEVATIONS FOR MATERIAL NOT LABELED.

EXTERIOR FINISHES

	FCP-1:	SIDING MANUFACTURER: NICHIHA TYPE: VINTAGEWOOD COLOR: SPRUCE
	FCP-2:	SIDING MANUFACTURER: NICHIHA TYPE: CORBOSA COLOR: MOONDUST
	STN-1:	STONE MANUFACTURER: CORONADO TYPE: CANYON LEDGE COLOR: HURON
	STN-2:	CAST STONE MANUFACTURER: AMERICAN ART STONE FINISH: SMOOTH COLOR: SEE SPECIFICATION
	MP-1:	INSULATED METAL PANEL MANUFACTURER: KINGSPAN TYPE: QUADCORE B VALE COLOR: BLACK
	MP-2:	SOFFIT PANEL MANUFACTURER: PAC-CLAD TYPE: PAC-750 SOFFIT COLOR: BLACK
	MP-3:	METAL PANEL CANOPY CLADDING MANUFACTURER: PAC-CLAD TYPE: FLUSH WALL PANEL COLOR: BLACK
	MTL-1:	STANDING SEAM ROOF MANUFACTURER: ELEVATE TYPE: UC-4 COLOR: BLACK
	TRM-1:	TRIM MANUFACTURER: PAC-CLAD COLOR: BLACK
	MLP-1:	INTERIOR METAL LINER PANEL COLOR: LIGHT GRAY

EXTERIOR ELEV. NOTES

REV	MARK	DESCRIPTION
	1	PREFINISHED BLACK ALUMINUM SHADE TRELLIS
	2	PREFINISHED BLACK METAL GUTTER
	3	PREFINISHED BLACK METAL DOWNSPOUT. PROVIDE CONCRETE SPLASHBLOCK BELOW
	4	LIGHT FIXTURE, SEE ELECTRICAL
	5	SURFACE MOUNTED KEY BOX AT 72" A.F.F.
	6	LOUVER, SEE MECHANICAL
	7	ROOF DRAIN AND OVERFLOW OUTLETS, SEE MECHANICAL, COLOR TO MATCH STONE
	8	FIRE DEPARTMENT CONNECTION, SEE MECHANCIAL

BRUNTON

MINNEAPOLIS
Phone: 763.389.1248
752-51 Winnetka Ave N
Minneapolis, MN 55428

MANKATO
Phone: 507.388.7366
215 Belvedere Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:

ECOTOURISM VISITORS CENTER

221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.:	25494-1	Date:	11-02-2026
Drawn:	TS	Checked:	CRA
Project Manager:	GEP		
Project Status:	CONSTRUCTION DOCS		

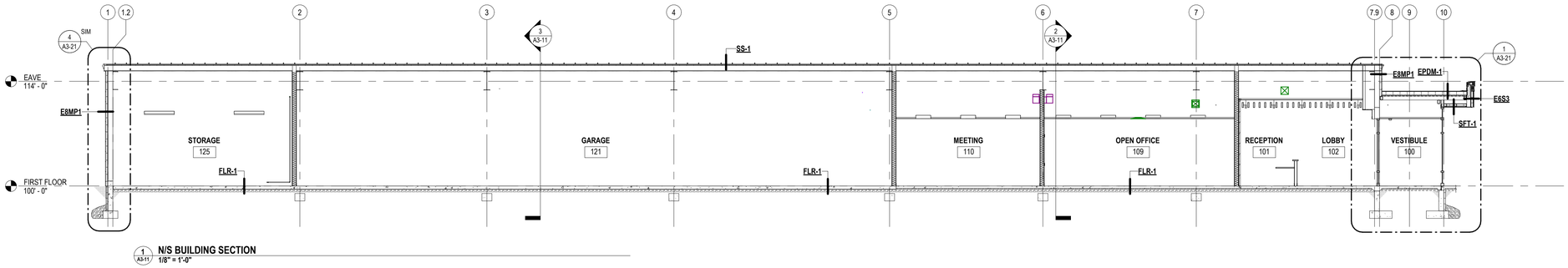
Sheet Title:

EXTERIOR ELEVATIONS

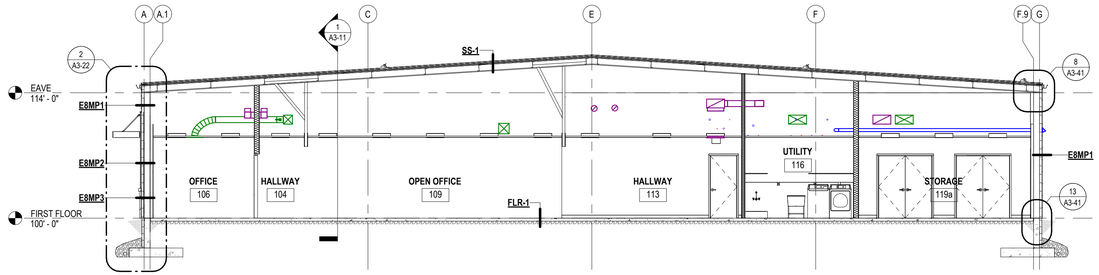
Sheet No.:

A2-11

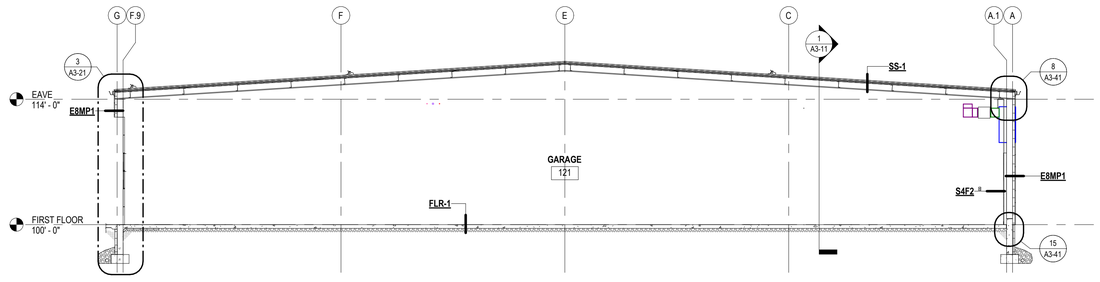
11/2/2026 4:42:37 PM



1 A3-11 **N/S BUILDING SECTION**
1/8" = 1'-0"



2 A3-11 **E/W BUILDING SECTION 1**
1/8" = 1'-0"



3 A3-11 **E/W BUILDING SECTION 2**
1/8" = 1'-0"

11/2/2026 4:42:38 PM

BRUNTON

MINNEAPOLIS
Phone: 763.398.7398
7525 Wallace Road
Minneapolis, MN 55428

MANKATO
Phone: 507.388.7398
225 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

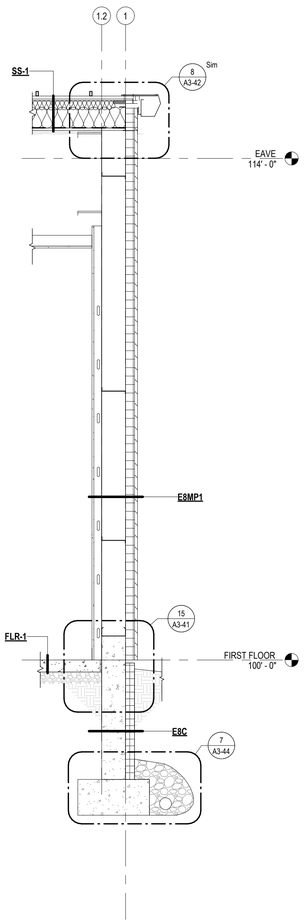
No.: 25494-1	Date: 11-02-2026
Drawn: TS	Checked: CRA
Project Manager: GEP	
Project Status: CONSTRUCTION DOCS	

Sheet Title:
BUILDING SECTIONS

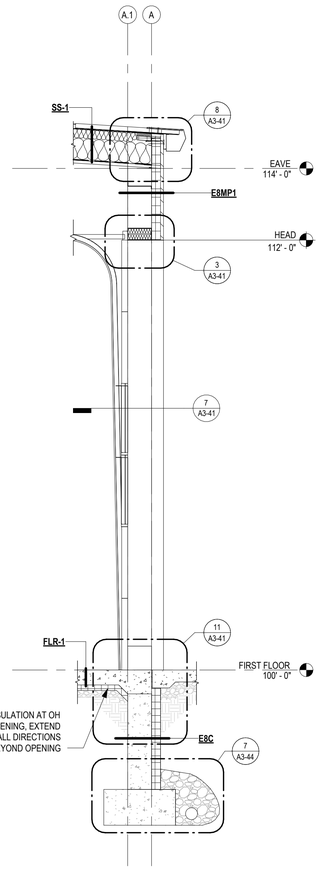
Sheet No.:
A3-11

GENERAL NOTES

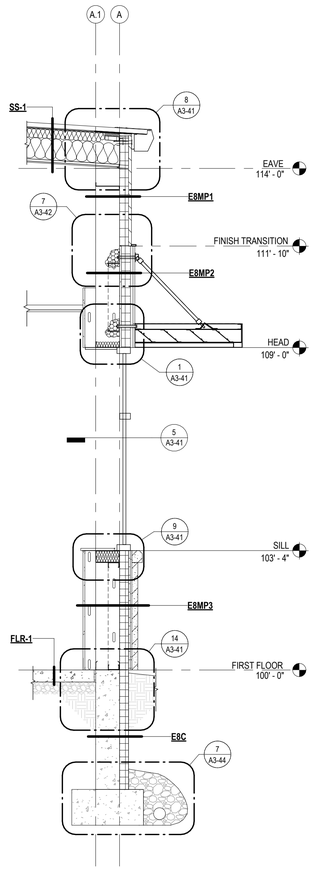
A. REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND TRUSS BEARING ELEVATIONS.
B. SEE BUILDING ASSEMBLIES SHEET FOR ASSEMBLY DESCRIPTIONS



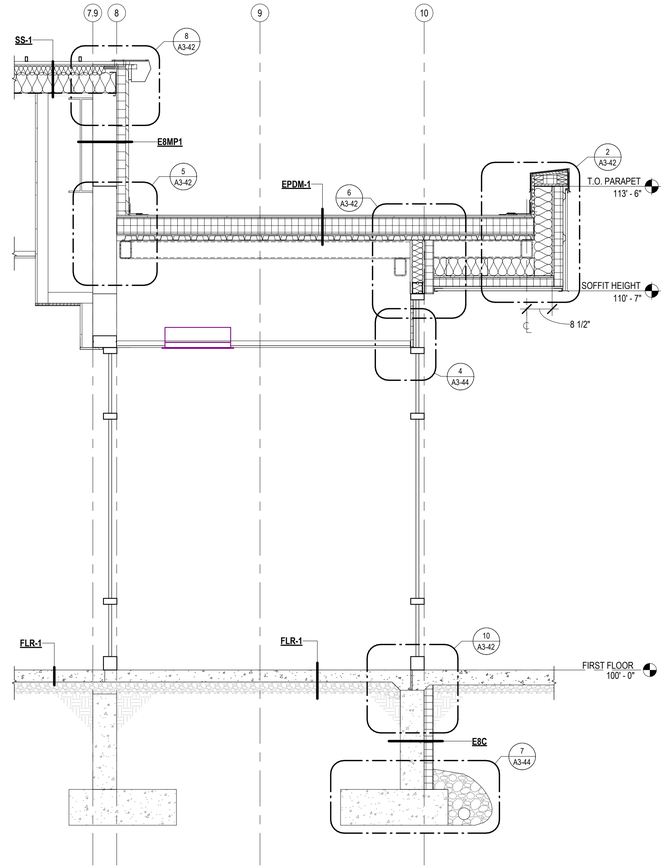
4 A3-21 **TYP. WALL SECTION**
1/2" = 1'-0"



3 A3-21 **WALL SECTION AT OHD**
1/2" = 1'-0"



2 A3-21 **WALL SECTION AT WINDOWS**
1/2" = 1'-0"



1 A3-21 **WALL SECTION AT VESTIBULE**
1/2" = 1'-0"

11/2/2026 4:42:39 PM

BRUNTON

MINNEAPOLIS
612.339.3392 | FAX
752-25 Washington Blvd
Minneapolis, MN 55408

MANKATO
507.387.3392 | FAX
225 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

NO.	REVISION:

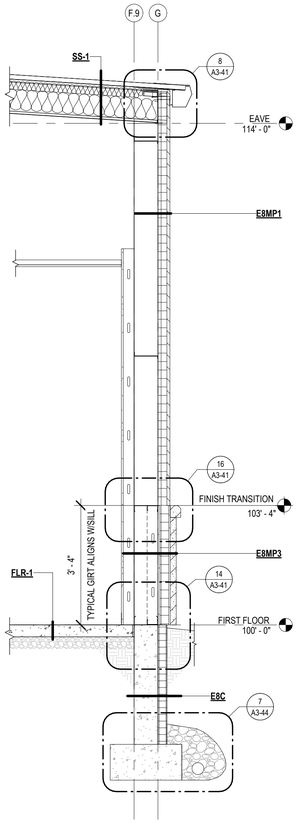
No.: 25494-1	Date: 11-02-2026
Drawn: TS	Checked: CRA
Project Manager: GEP	
Project Status: CONSTRUCTION DOCS	

Sheet Title:
WALL SECTIONS

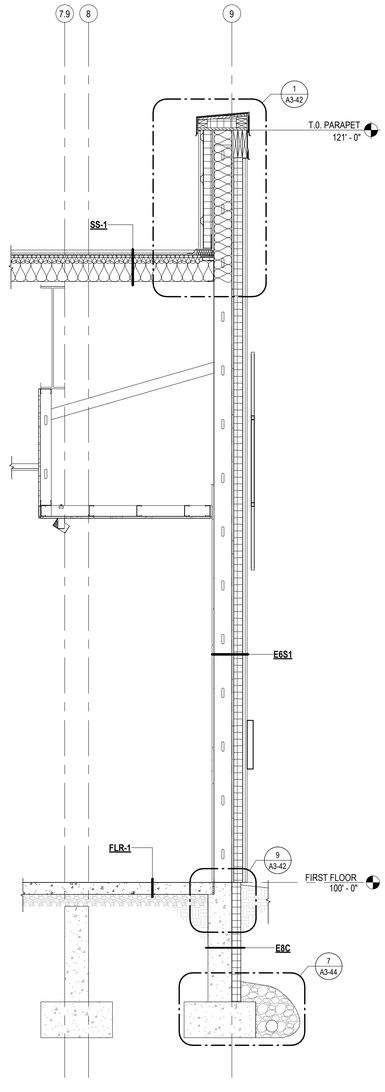
Sheet No.:
A3-21

GENERAL NOTES

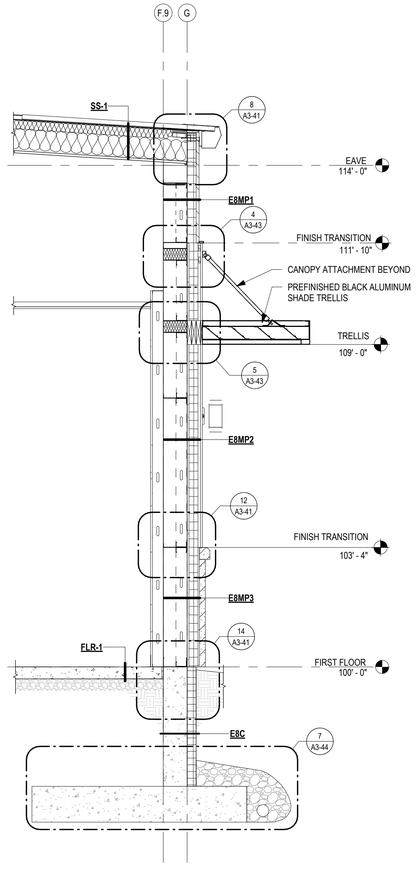
A. REFER TO STRUCTURAL DRAWINGS FOR FOOTING AND TRUSS BEARING ELEVATIONS.
B. SEE BUILDING ASSEMBLIES SHEET FOR ASSEMBLY DESCRIPTIONS



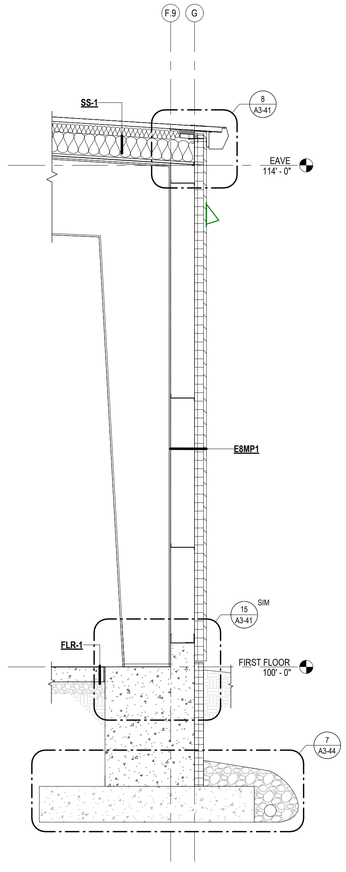
4 A3-22 **INSULATED METAL PANEL TO STONE TRANSITION SECTION**
1/2" = 1'-0"



3 A3-22 **STEEL STUD WALL SECTION**
1/2" = 1'-0"



2 A3-22 **STONE TO FCP TRANSITION WALL SECTION**
1/2" = 1'-0"



1 A3-22 **WALL SECTION AT GARAGE**
1/2" = 1'-0"

11/2/2026 4:42:40 PM

BRUNTON

MINNEAPOLIS
Phone: 763.398.7398
7525 Wallace Road
Minneapolis, MN 55428

MANKATO
Phone: 507.388.7398
225 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

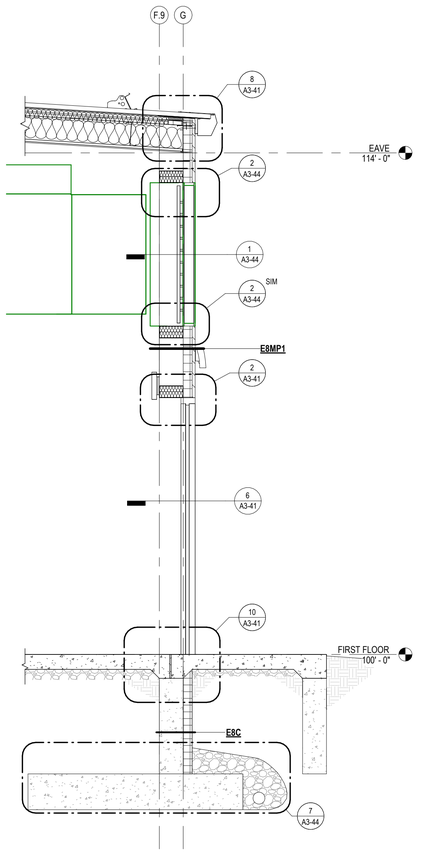
This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

No.	Description	Date
1	REVISION:	

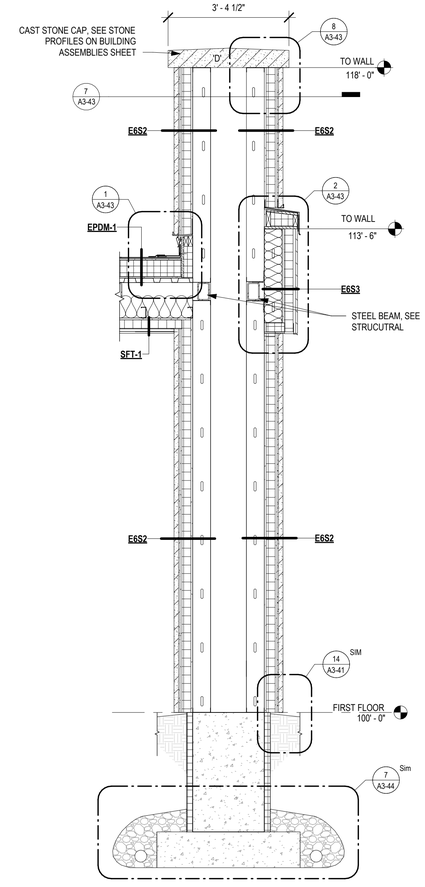
No.:	25494-1	Date:	11-02-2026
Drawn:	TS	Checked:	CRA
Project Manager:	GEP		
Project Status:	CONSTRUCTION DOCS		

Sheet Title:
WALL SECTIONS

Sheet No.:
A3-22



2 A3-23 **SECTION AT MAN DOOR**
1/2" = 1'-0"



1 A3-23 **SECTION AT CANOPY ROOF DRAIN**
1/2" = 1'-0"

BRUNTON

MINNEAPOLIS
Plymouth Building
7525 Wisconsin Blvd
Minneapolis, MN 55426

MANKATO
(507) 388-7296
225 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:

ECOTOURISM VISITORS CENTER

221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

XXX	REVISION:

No.:	25494-1	Date:	11-02-2026
Drawn:	TS	Checked:	CRA
Project Manager:	GEP		
Project Status:	CONSTRUCTION DOCS		

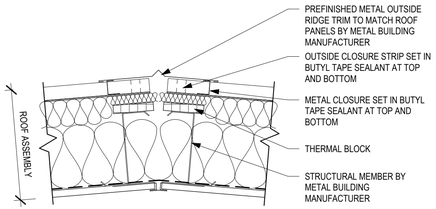
Sheet Title:

WALL SECTIONS

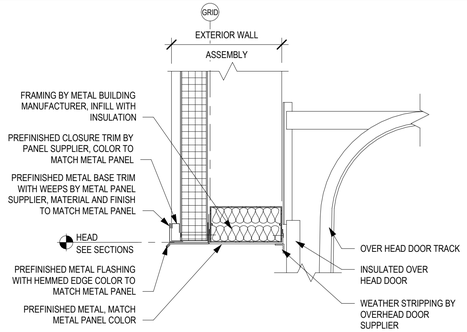
Sheet No.:

A3-23

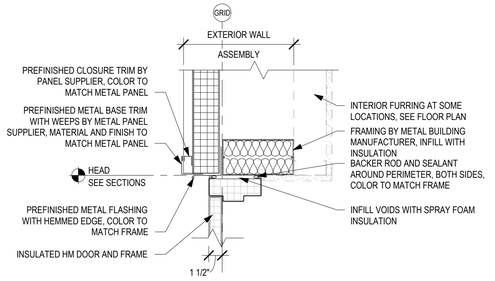
11/2/2026 4:42:41 PM



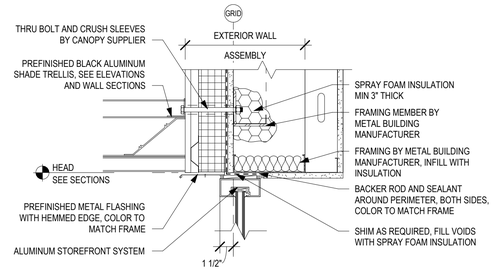
4 A3-41 **RIDGE DETAIL AT METAL BUILDING WITH BATT INSULATION**
1 1/2" = 1'-0"



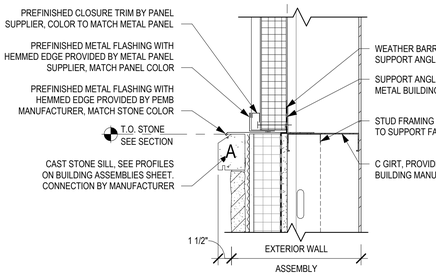
3 A3-41 **OH DOOR HEAD AT INSULATED METAL PANEL ON PEMB**
1 1/2" = 1'-0"



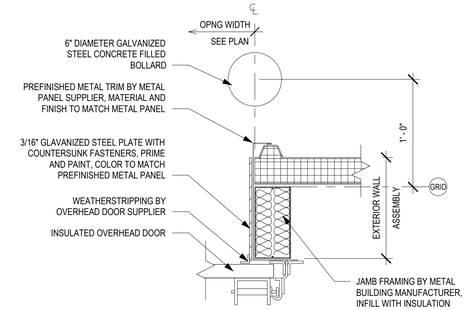
2 A3-41 **HM DOOR HEAD AT INSULATED METAL PANEL ON PEMB**
1 1/2" = 1'-0"



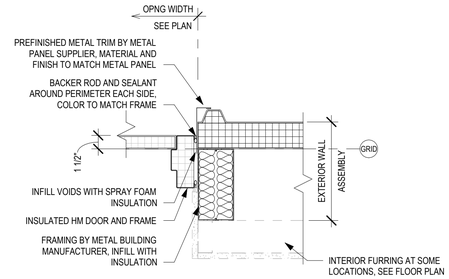
1 A3-41 **STOREFRONT HEAD AT FIBER CEMENT PANEL ON PEMB**
1 1/2" = 1'-0"



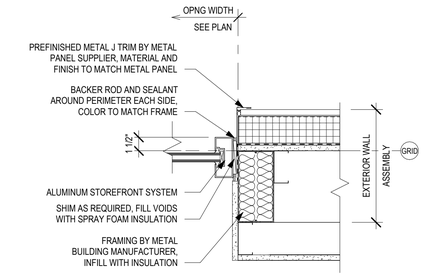
8 A3-41 **EAVE DETAIL AT METAL BUILDING WITH BATT INSULATION**
1 1/2" = 1'-0"



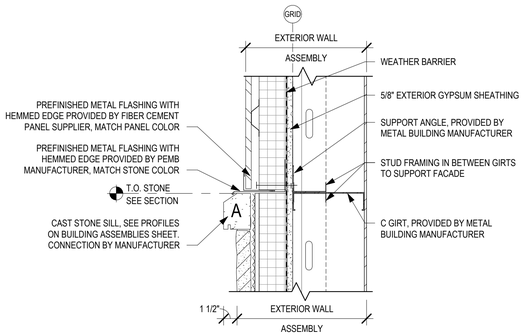
7 A3-41 **OH DOOR JAMB AT INSULATED METAL PANEL ON PEMB**
1 1/2" = 1'-0"



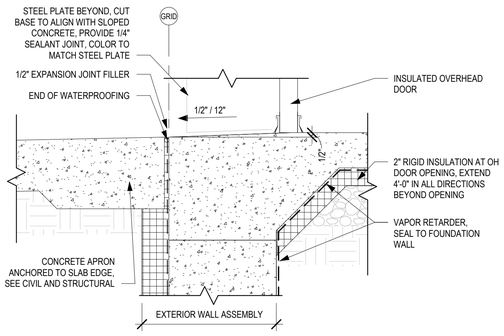
6 A3-41 **HM DOOR JAMB AT INSULATED METAL PANEL ON PEMB**
1 1/2" = 1'-0"



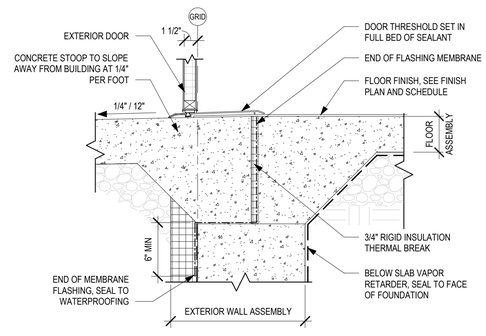
5 A3-41 **STOREFRONT JAMB AT FIBER CEMENT PANEL ON PEMB**
1 1/2" = 1'-0"



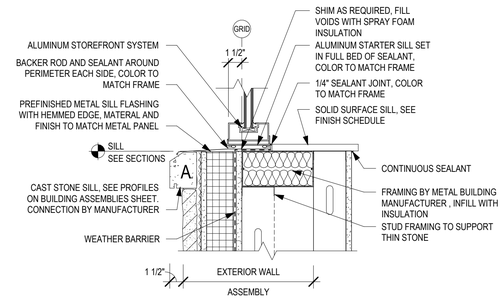
12 A3-41 **THIN STONE TRANSITION AT FIBER CEMENT PANEL**
1 1/2" = 1'-0"



11 A3-41 **OH DOOR THRESHOLD WITH APRON**
1 1/2" = 1'-0"

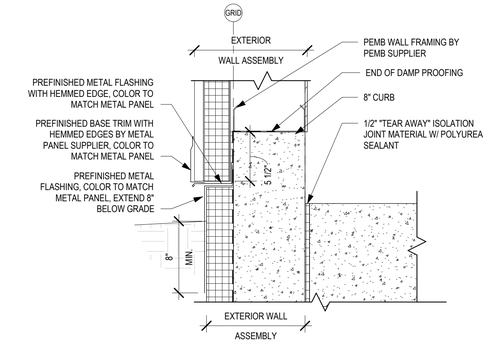


10 A3-41 **DOOR THRESHOLD DETAIL**
1 1/2" = 1'-0"

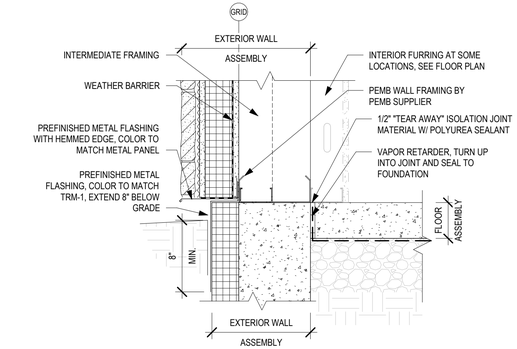


9 A3-41 **STOREFRONT SILL AT THIN STONE ON PEMB**
1 1/2" = 1'-0"

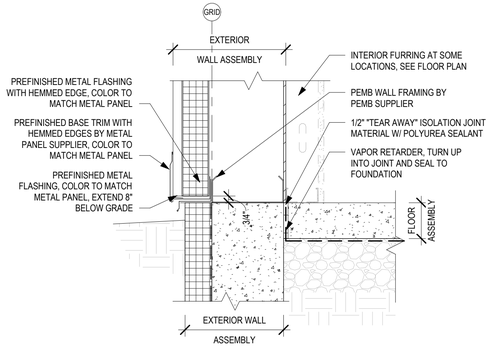
16 A3-41 **THIN STONE TRANSITION AT INSULATED METAL PANEL**
1 1/2" = 1'-0"



15 A3-41 **BASE DETAIL AT INSULATED METAL PANEL ON PEMB WITH CURB**
1 1/2" = 1'-0"



14 A3-41 **BASE DETAIL AT STONE ON PEMB**
1 1/2" = 1'-0"



13 A3-41 **BASE DETAIL AT INSULATED METAL PANEL ON PEMB**
1 1/2" = 1'-0"

BRUNTON

MINNEAPOLIS
Phone: 763.389.1772
752-51 Winnetka Ave N
Minneapolis, MN 55428

MANKATO
Phone: 507.388.7366
225 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

No.	REVISION:

No.:	25494-1	Date:	11-02-2026
Drawn:	TS	Checked:	CRA

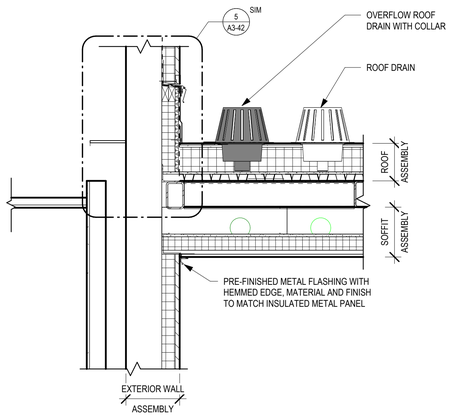
Project Manager: GEP

Project Status: CONSTRUCTION DOCS

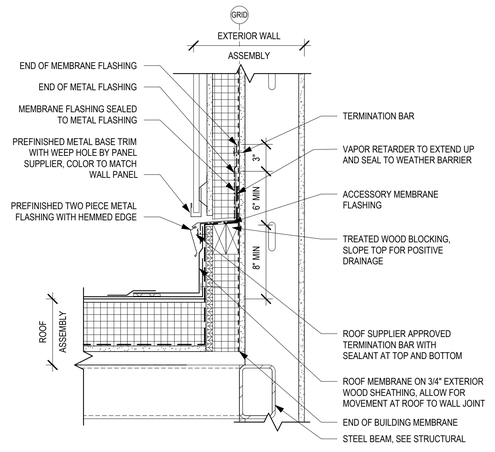
Sheet Title:
CONSTRUCTION DETAILS

Sheet No.:
A3-41

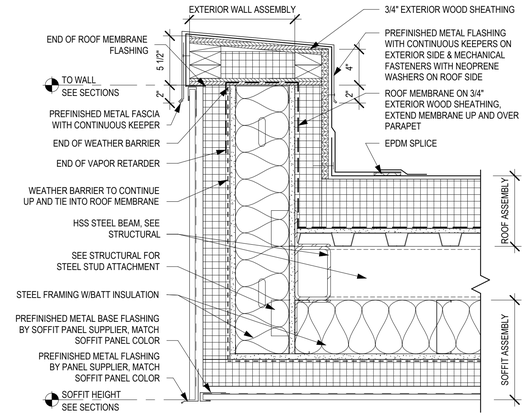
11/2/2026 4:42:42 PM



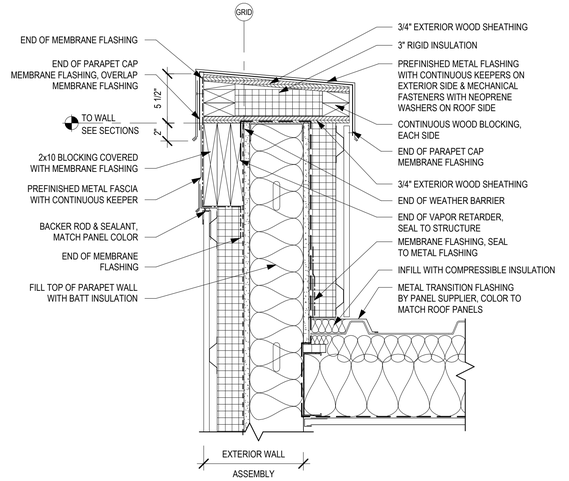
4 A3-42 VESTIBULE CANOPY AT INSULATED METAL PANEL
3/4" = 1'-0"



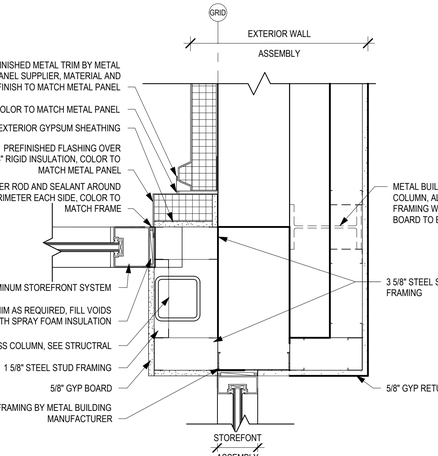
3 A3-42 CANOPY ROOF TO FIBER CEMENT PANEL WALL DETAIL
1 1/2" = 1'-0"



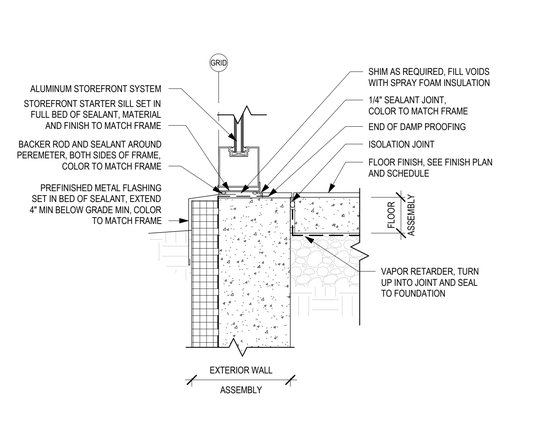
2 A3-42 CANOPY PARAPET DETAIL
1 1/2" = 1'-0"



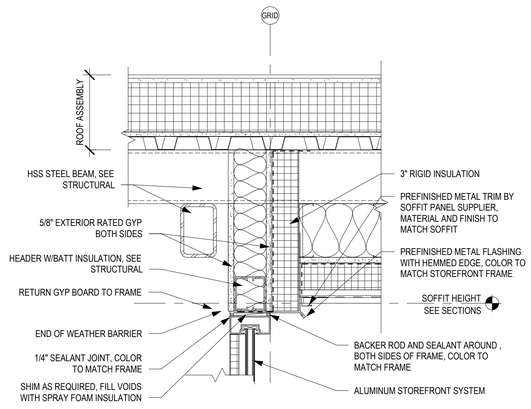
1 A3-42 PARAPET AT STEEL STUD WALL
1 1/2" = 1'-0"



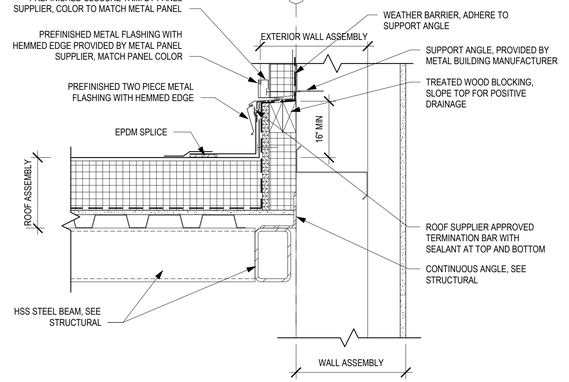
8 A3-42 RAKE DETAIL AT PEMB WITH BATT INSULATION
1 1/2" = 1'-0"



7 A3-42 WALL TRANSITION FROM FIBER CEMENT PANEL TO INSULATED METAL PANEL
1 1/2" = 1'-0"



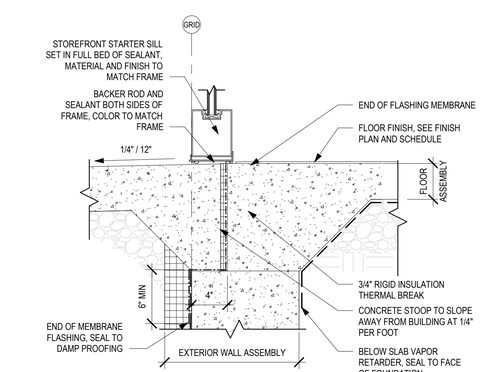
6 A3-42 SECTION AT CANOPY AND VESTIBULE STOREFRONT
1 1/2" = 1'-0"



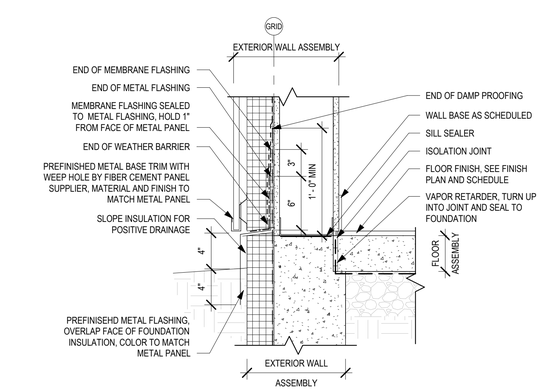
5 A3-42 CANOPY TO WALL DETAIL AT METAL BUILDING
1 1/2" = 1'-0"

12 A3-42 STOREFRONT JAMB AT STONE
1 1/2" = 1'-0"

11 A3-42 STOREFRONT SILL AT GRADE
1 1/2" = 1'-0"



10 A3-42 STOREFRONT SILL AT GRADE
1 1/2" = 1'-0"



9 A3-42 BASE OF WALL AT STEEL STUD
1 1/2" = 1'-0"

11/2/2026 4:42:43 PM

BRUNTON
MINNEAPOLIS
Suite 388 / 388J
752 Transfer Road
Minneapolis, MN 55414
MANKATO
Suite 388 / 388K
215 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

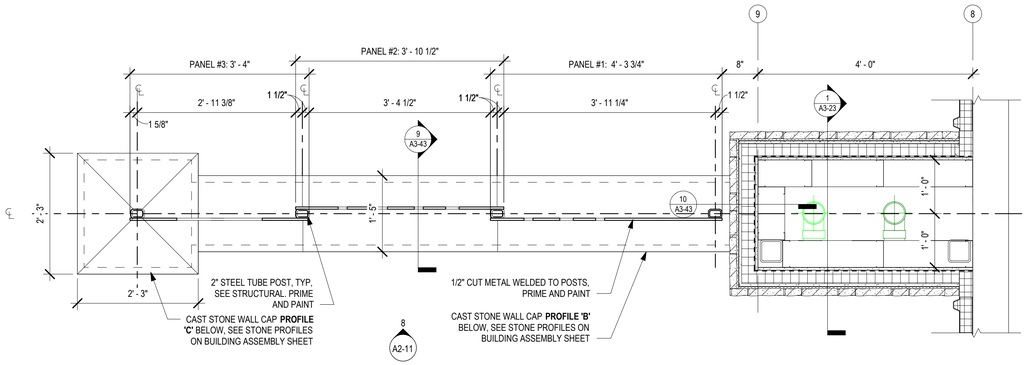
This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

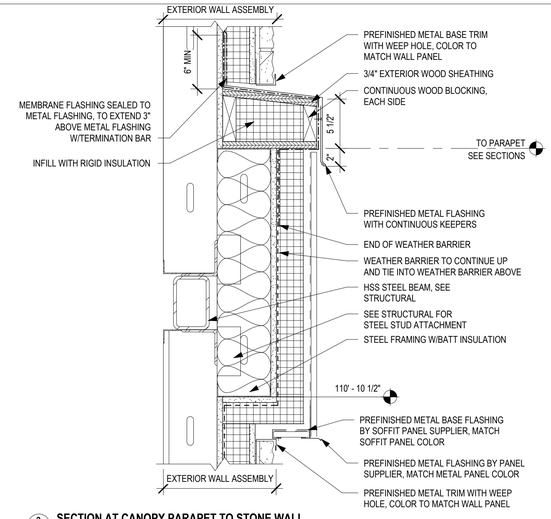
No.:	25494-1	Date:	11-02-2026
Drawn:	TS	Checked:	CRA
Project Manager:	GEP		
Project Status:	CONSTRUCTION DOCS		

Sheet Title:
CONSTRUCTION DETAILS

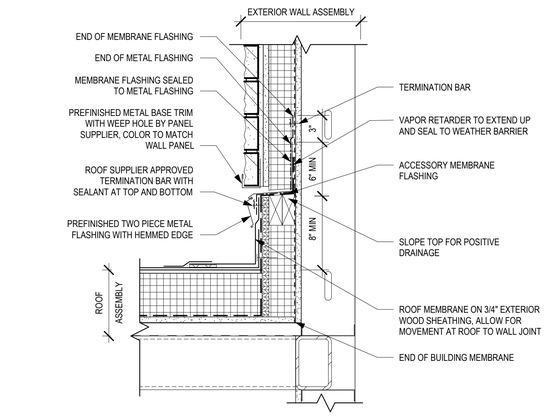
Sheet No.:
A3-42



3 A3-43 **WIND SCREEN ENLARGED PLAN**
3/4" = 1'-0"

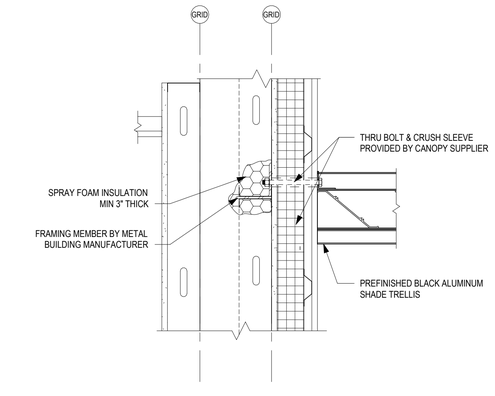


2 A3-43 **SECTION AT CANOPY PARAPET TO STONE WALL**
1 1/2" = 1'-0"

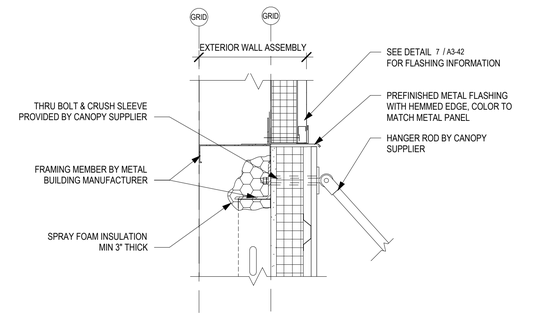


1 A3-43 **CANOPY ROOF TO STONE WALL DETAIL**
1 1/2" = 1'-0"

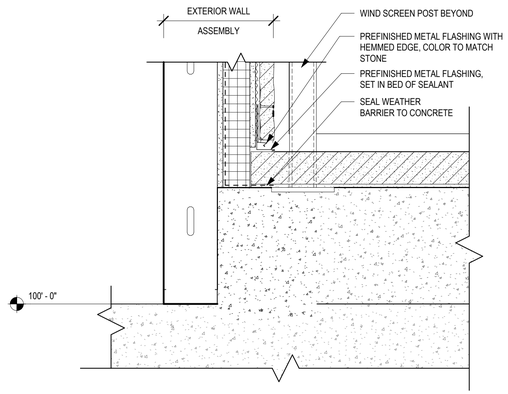
6 A3-43 **WIND SCREEN ENLARGED PLAN - BASE**
3/4" = 1'-0"



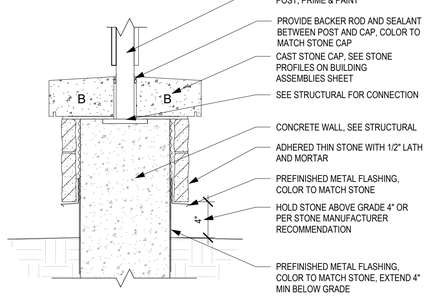
5 A3-43 **DETAIL AT SHADE TRELLIS**
1 1/2" = 1'-0"



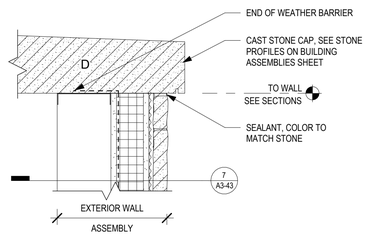
4 A3-43 **DETAIL AT SHADE TRELLIS HANGER**
1 1/2" = 1'-0"



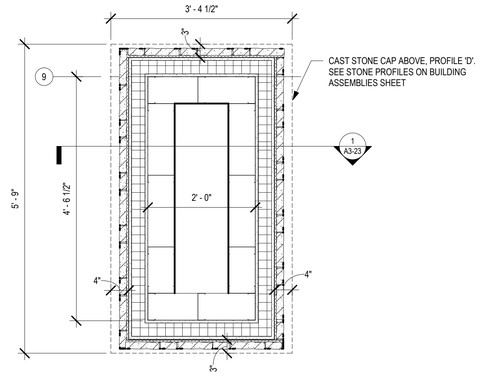
10 A3-43 **CAST IN PLACE CONCRETE WALL TO STONE**
1 1/2" = 1'-0"



9 A3-43 **WIND SCREEN SECTION**
1 1/2" = 1'-0"



8 A3-43 **TOP OF WALL DETAIL AT STONE CAP**
1 1/2" = 1'-0"



7 A3-43 **STONE CAP DETAIL**
3/4" = 1'-0"

11/2/2026 4:42:45 PM

BRUNTON
MINNEAPOLIS
701 Washington Ave
725 Washington Ave
Minneapolis, MN 55414
MANKATO
212 Belgrade Ave
225 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
STATE OF WYOMING
Date 11/02/2026

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

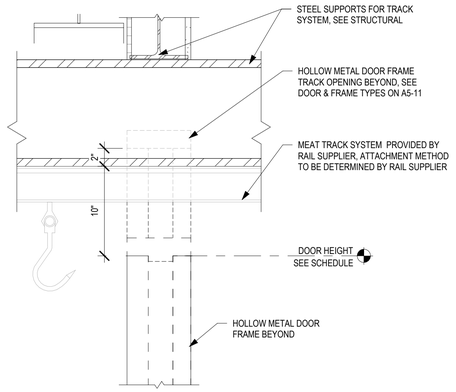
This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

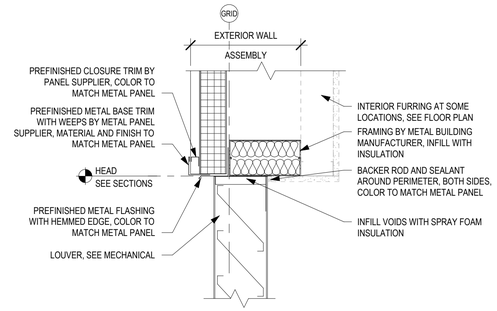
No.: 25494-1 | Date: 11-02-2026
Drawn: TS | Checked: CRA
Project Manager: GEP
Project Status: CONSTRUCTION DOCS

Sheet Title:
CONSTRUCTION DETAILS

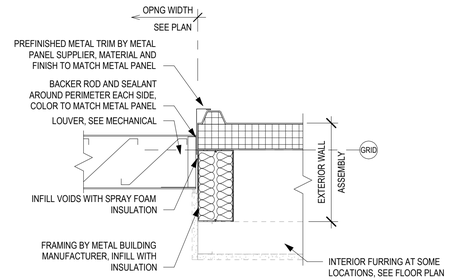
Sheet No.:
A3-43



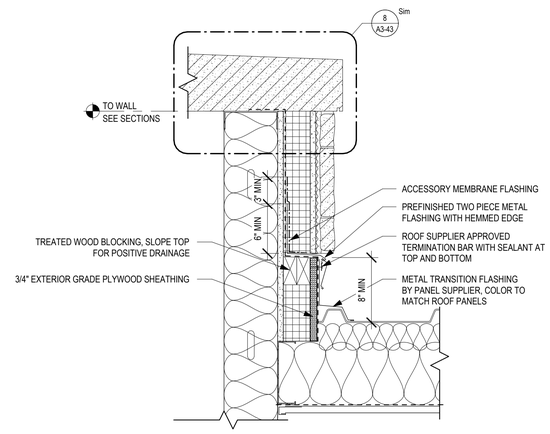
3 / A3-44 DOOR OPENING AT MEAT TRACK
1 1/2" = 1'-0"



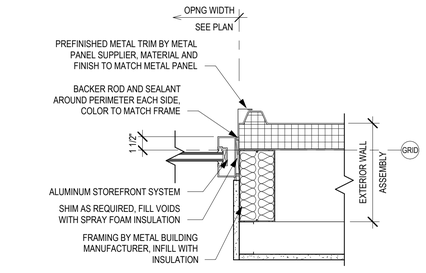
2 / A3-44 LOUVER HEAD AT INSULATED METAL PANEL ON PEMB
1 1/2" = 1'-0"



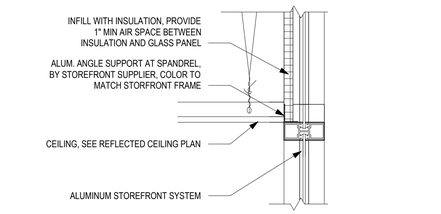
1 / A3-44 LOUVER JAMB AT INSULATED METAL PANEL ON PEMB
1 1/2" = 1'-0"



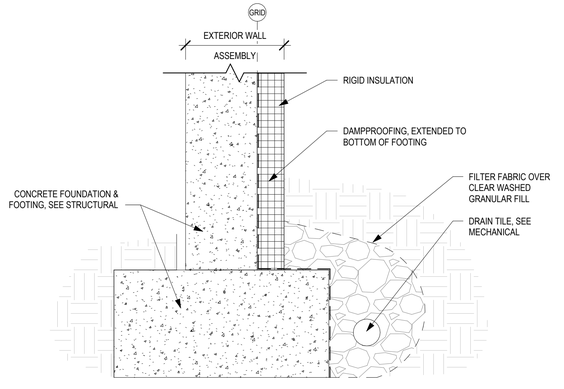
6 / A3-44 STANDING SEAM ROOF TO STONE WALL
1 1/2" = 1'-0"



5 / A3-44 STOREFRONT JAMB AT INSULATED METAL PANEL ON PEMB
1 1/2" = 1'-0"



4 / A3-44 CEILING TRANSITION AT STOREFRONT DETAIL
1 1/2" = 1'-0"



7 / A3-44 TYPICAL FOUNDATION & FOOTING
1 1/2" = 1'-0"

BRUNTON
MINNEAPOLIS
Plaza VII, Suite 3300
7515 Wallace Road
Minneapolis, MN 55439
MANKATO
(507) 388-7998
215 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

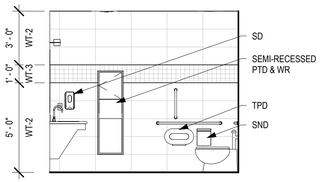
No. | REVISION:

No.: 25494-1	Date: 11-02-2026
Drawn: TS	Checked: CRA
Project Manager: GEP	
Project Status: CONSTRUCTION DOCS	

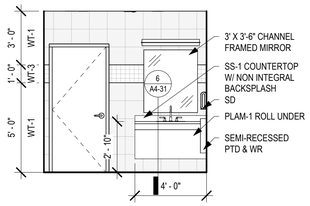
Sheet Title:
CONSTRUCTION DETAILS

Sheet No.:
A3-44

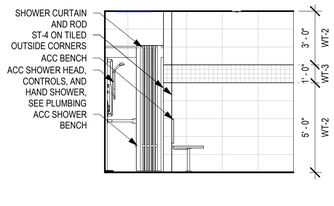
11/2/2026 4:42:46 PM



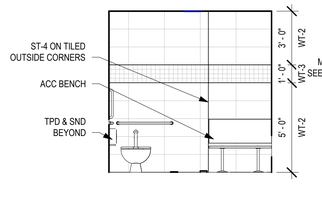
6 A4-11 **SHOWER 114a - ELEVATION 4**
1/4" = 1'-0"



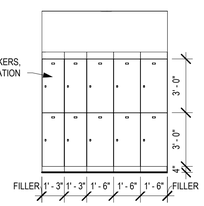
5 A4-11 **SHOWER 114a - ELEVATION 3**
1/4" = 1'-0"



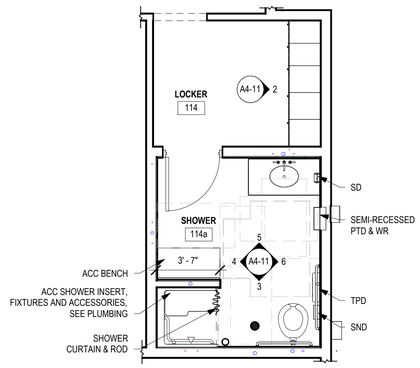
4 A4-11 **SHOWER 114a - ELEVATION 2**
1/4" = 1'-0"



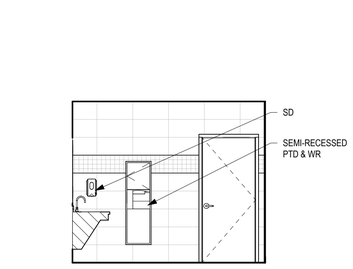
3 A4-11 **SHOWER 114a - ELEVATION 1**
1/4" = 1'-0"



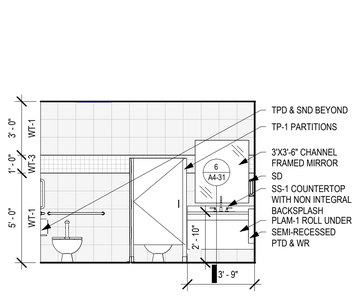
2 A4-11 **LOCKER 114 - ELEVATION 1**
1/4" = 1'-0"



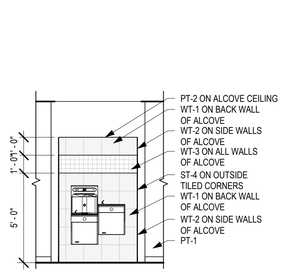
1 A4-11 **LOCKER 114 & SHOWER 114a - ENLARGED PLAN**
1/4" = 1'-0"



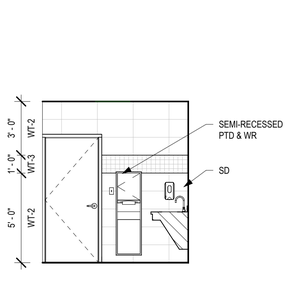
12 A4-11 **WOMENS 118 - ELEVATION 2**
1/4" = 1'-0"



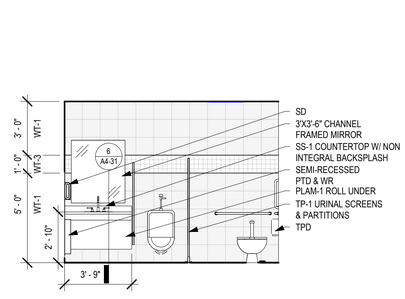
11 A4-11 **WOMENS 118 - ELEVATION 1**
1/4" = 1'-0"



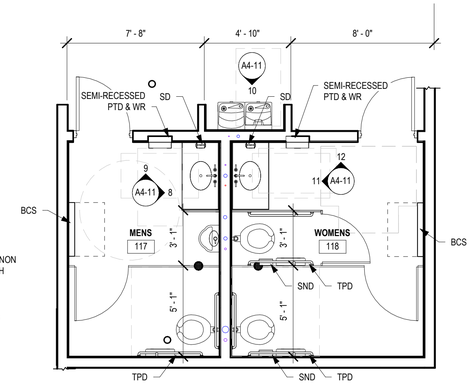
10 A4-11 **DRINKING FOUNTAIN ELEVATION**
1/4" = 1'-0"



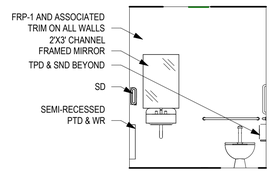
9 A4-11 **MENS 117 - ELEVATION 2**
1/4" = 1'-0"



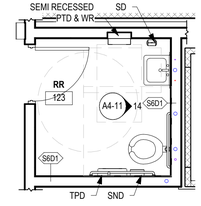
8 A4-11 **MENS 117 - ELEVATION 1**
1/4" = 1'-0"



7 A4-11 **MENS 117 & WOMENS 118 - ENLARGED PLAN**
1/4" = 1'-0"



14 A4-11 **RESTROOM 123 - ELEVATION 1**
1/4" = 1'-0"



13 A4-11 **RESTROOM 123 - ENLARGED PLAN**
1/4" = 1'-0"

INTERIOR ELEVATION NOTES

A. NO TILE LESS THAN 6"
B. ALL TILED OUTSIDE CORNERS ARE TO RECEIVE ST-4

ENLARGED PLAN NOTES

A. DIMENSIONS FOR ALL INTERIOR ACCESSORIES AND PLUMBING FIXTURES ARE TO THE FINISHED FACE OF WALL.
B. DIMENSIONS FOR TOILET PARTITIONS ARE FROM THE FINISHED FACE OF THE WALL.

BRUNTON
MINNEAPOLIS
Phone: 763.398.7300
7525 Wallace Road
Minneapolis, MN 55428
MANKATO
Phone: 507.388.7296
225 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

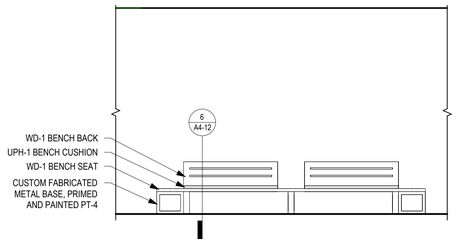
REVISION:

No.: 25494-1	Date: 11-02-2026
Drawn: GEP	Checked: JMN
Project Manager: GEP	
Project Status: CONSTRUCTION DOCS	

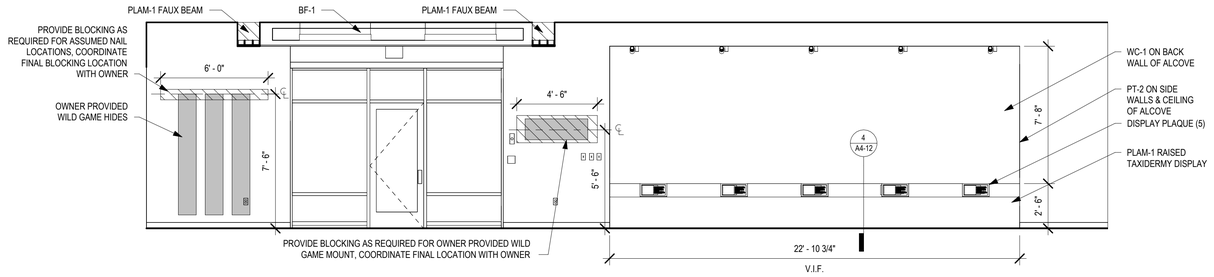
Sheet Title:
ENLARGED PLANS & INT ELEVATIONS

Sheet No.:
A4-11

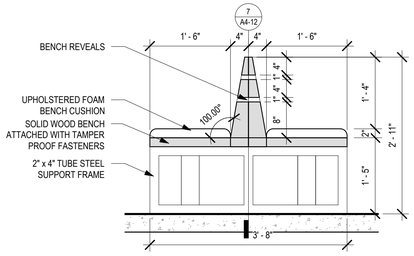
11/2/2026 4:42:49 PM



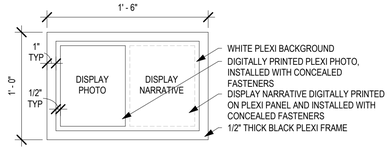
3 A4-12 LOBBY 102 - BENCH ELEVATION 1
1/4" = 1'-0"



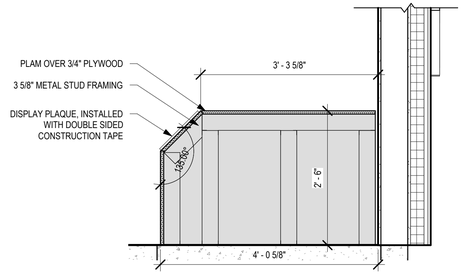
2 A4-12 LOBBY 102 - WILD LIFE ELEVATION 1
1/4" = 1'-0"



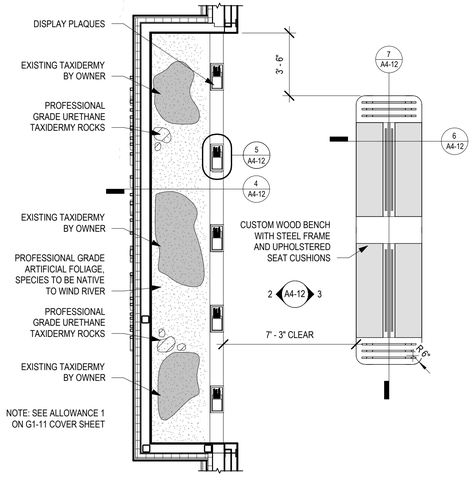
6 A4-12 LOBBY BENCH - DETAIL 2
3/4" = 1'-0"



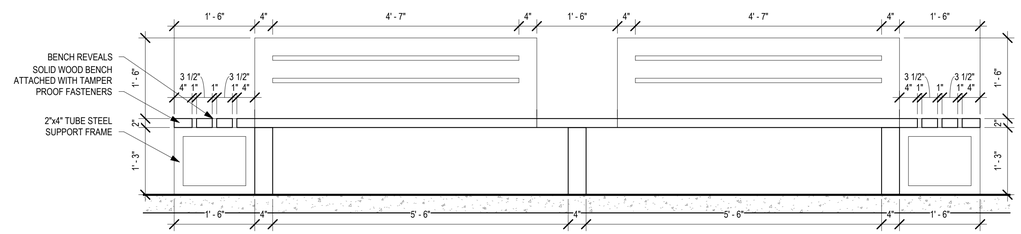
5 A4-12 DISPLAY PLAQUE - DETAIL 1
1 1/2" = 1'-0"



4 A4-12 WILD LIFE DISPLAY - DETAIL 1
3/4" = 1'-0"



1 A4-12 LOBBY 102 - ENLARGED PLAN
1/4" = 1'-0"



7 A4-12 LOBBY BENCH - DETAIL 1
3/4" = 1'-0"



NOTE: RENDERING IS FOR REFERENCE ONLY. PLANS, ELEVATIONS, AND DETAILS SHOULD BE USED FOR CONSTRUCTION.

BRUNTON
MINNEAPOLIS
Plymouth Bldg
250 Second Ave S
Suite 300
Minneapolis, MN 55401
612.338.7295
MANKATO
Riverfront Plaza
215 Riverfront Street
Suite 200
North Mankato, MN 56003
507.388.7295

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

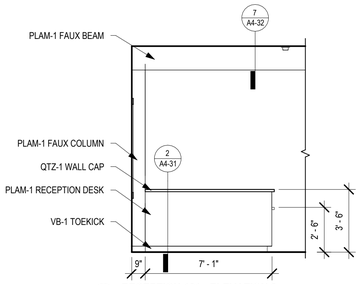
This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

XX/YY/ZZ **REVISION:**

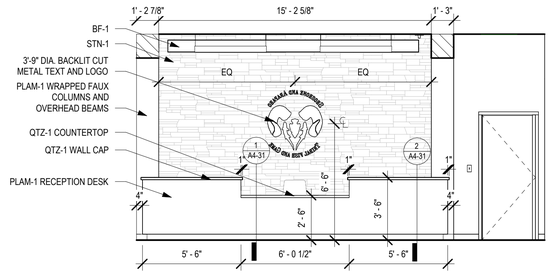
No.: 25494-1	Date: 11-02-2026
Drawn: GEP	Checked: JMN

Project Manager: GEP
Project Status: CONSTRUCTION DOCS
Sheet Title:
ENLARGED PLANS & INT ELEVATIONS
Sheet No.:
A4-12

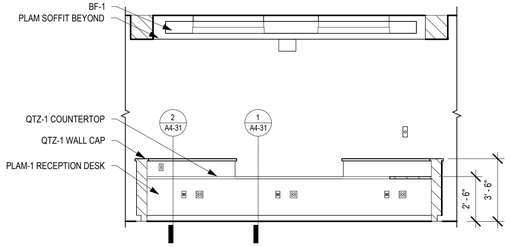
11/2/2026 4:42:52 PM



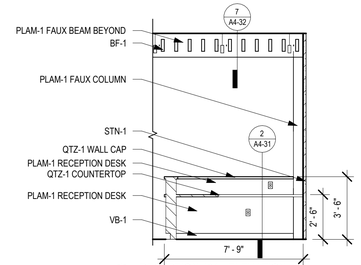
4 A4-21 **RECEPTION 101 - ELEVATION 3**
1/4" = 1'-0"



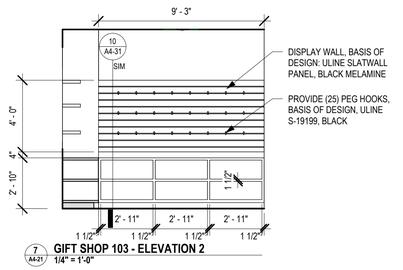
3 A4-21 **RECEPTION 101 - ELEVATION 2**
1/4" = 1'-0"



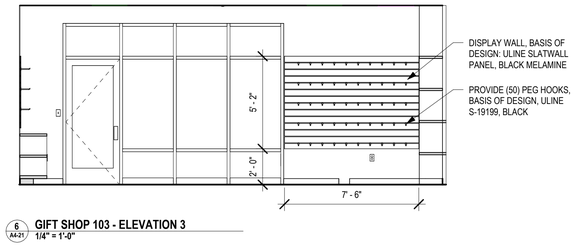
2 A4-21 **RECEPTION 101 - ELEVATION 4**
1/4" = 1'-0"



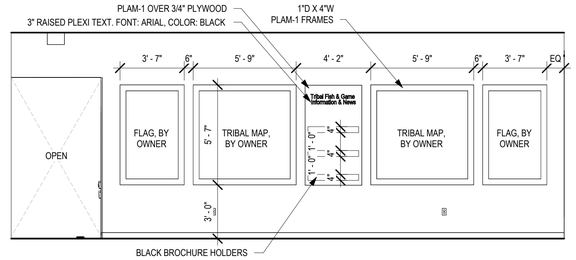
1 A4-21 **RECEPTION 101 - ELEVATION 5**
1/4" = 1'-0"



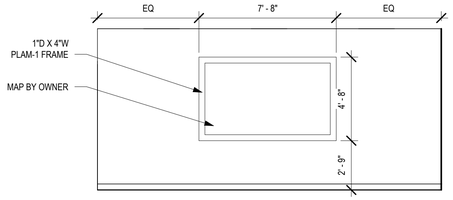
7 A4-21 **GIFT SHOP 103 - ELEVATION 2**
1/4" = 1'-0"



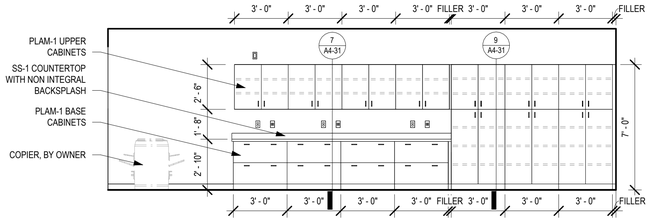
6 A4-21 **GIFT SHOP 103 - ELEVATION 3**
1/4" = 1'-0"



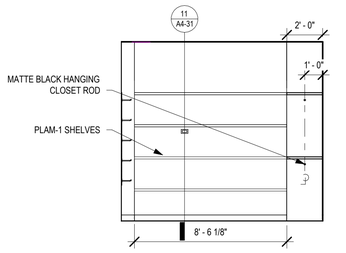
5 A4-21 **LOBBY 102 - ELEVATION 1**
1/4" = 1'-0"



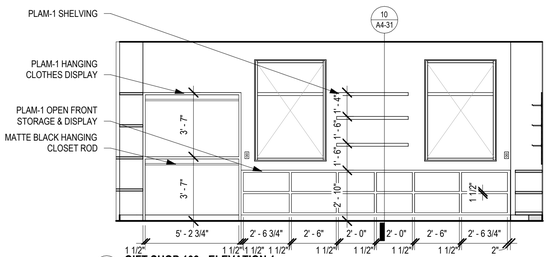
11 A4-21 **MEETING 110 - ELEVATION 1**
1/4" = 1'-0"



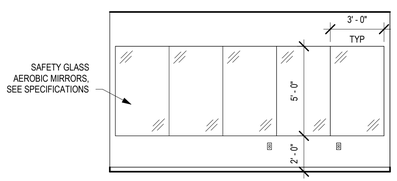
10 A4-21 **OPEN OFFICE 109 - ELEVATION 1**
1/4" = 1'-0"



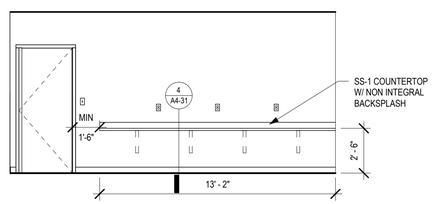
9 A4-21 **GIFT SHOP 103 - ELEVATION 4**
1/4" = 1'-0"



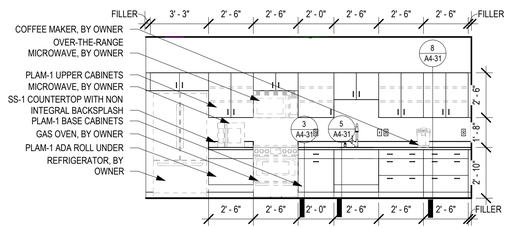
8 A4-21 **GIFT SHOP 103 - ELEVATION 1**
1/4" = 1'-0"



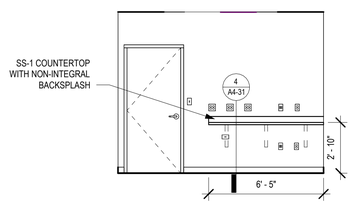
15 A4-21 **FITNESS 115 - ELEVATION 1**
1/4" = 1'-0"



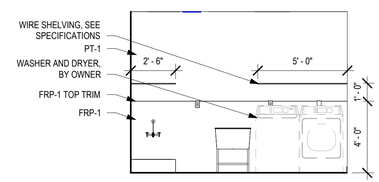
14 A4-21 **BREAK 112 - ELEVATION 2**
1/4" = 1'-0"



13 A4-21 **BREAK 112 - ELEVATION 1**
1/4" = 1'-0"



12 A4-21 **SQUAD 111 - ELEVATION 1**
1/4" = 1'-0"



16 A4-21 **UTILITY 116 - ELEVATION 1**
1/4" = 1'-0"

11/2/2026 4:42:56 PM

BRUNTON
MINNEAPOLIS
Phone: 763-398-7368
7525 Wyoming Blvd
Minneapolis, MN 55428
MANKATO
Phone: 507-388-7368
225 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

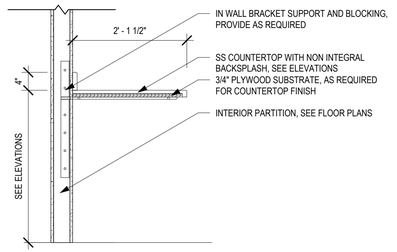
This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

1 **REVISION:**

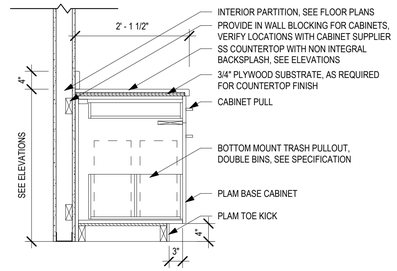
No.: 25494-1 | Date: 11-02-2026
Drawn: GEP | Checked: JMN
Project Manager: GEP
Project Status: CONSTRUCTION DOCS

Sheet Title:
INTERIOR ELEVATIONS

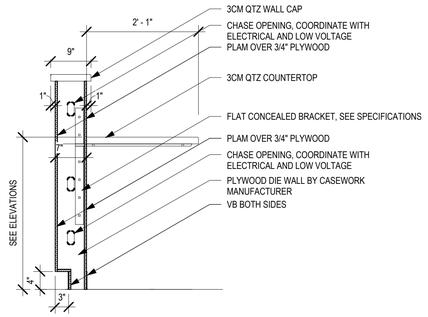
Sheet No.:
A4-21



4 A4-31 **WALL-HUNG COUNTERTOP DETAIL**
3/4" = 1'-0"



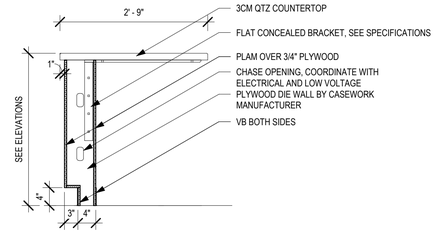
3 A4-31 **BASE CABINET DETAIL - 2 DRAWER - TRASH**
3/4" = 1'-0"



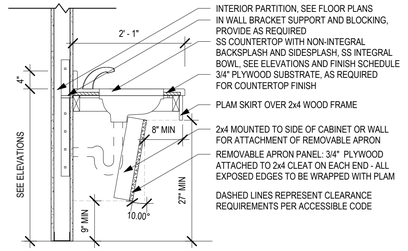
2 A4-31 **RECEPTION DESK DETAIL - HIGH COUNTER**
3/4" = 1'-0"

INTERIOR DETAIL NOTES

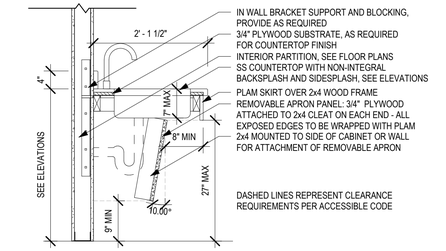
A. PROVIDE MELAMINE FINISH FOR INTERIOR OF CASEWORK.
B. ALL EXPOSED ENDS SHALL HAVE FINISHED END PANELS
C. ALL CABINET DRAWERS TO HAVE FULL EXTENSION, SOFT CLOSE SLIDES.



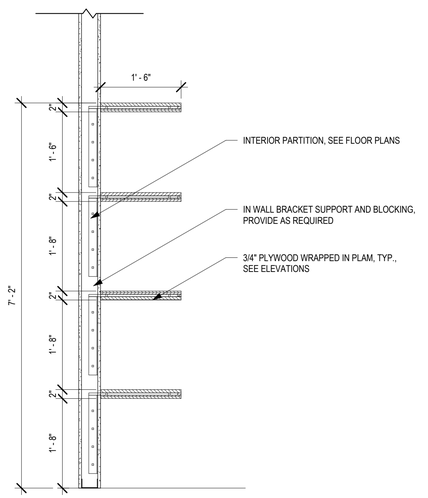
1 A4-31 **RECEPTION DESK DETAIL - LOW COUNTER**
3/4" = 1'-0"



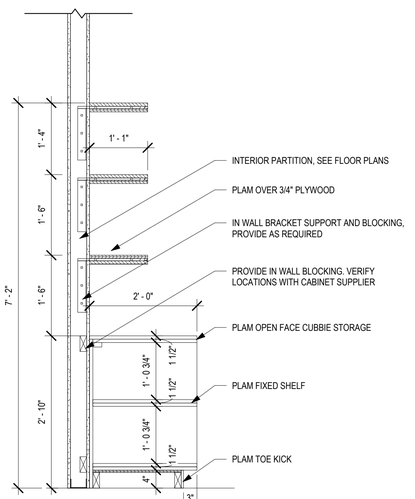
6 A4-31 **ACCESSIBLE VANITY DETAIL**
3/4" = 1'-0"



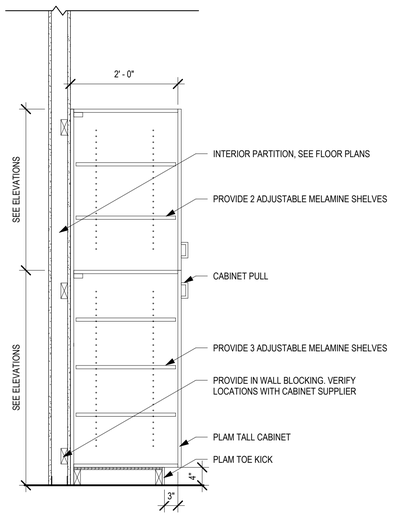
5 A4-31 **ACCESSIBLE SINK DETAIL**
3/4" = 1'-0"



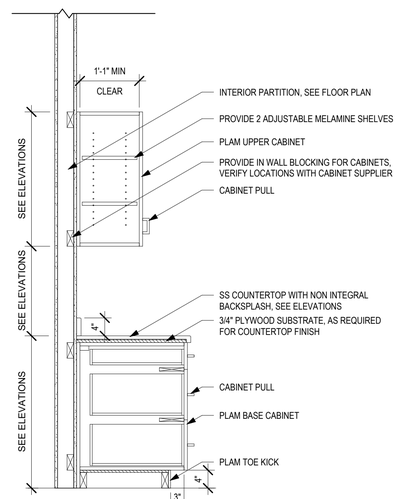
11 A4-31 **RETAIL DISPLAY - DETAIL 2**
3/4" = 1'-0"



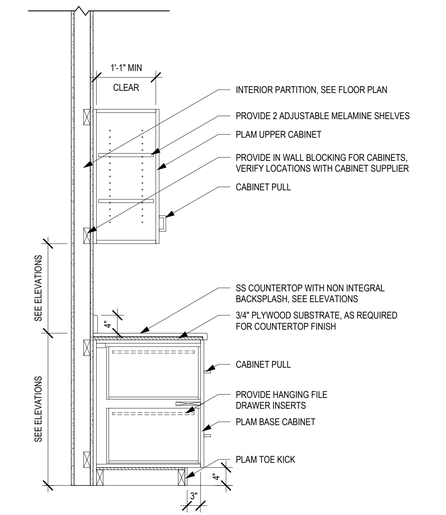
10 A4-31 **RETAIL DISPLAY - DETAIL 1**
3/4" = 1'-0"



9 A4-31 **TALL CABINET DETAIL - SHELVES**
3/4" = 1'-0"



8 A4-31 **UPPER AND BASE CABINET DETAIL - 3 DRAWERS**
3/4" = 1'-0"



7 A4-31 **UPPER AND BASE CABINET DETAIL - 2 DRAWERS**
3/4" = 1'-0"

11/2/2026 4:42:55 PM

BRUNTON

MINNEAPOLIS
Phone: 763.389.7398
7525 Wallace Road
Minneapolis, MN 55428

MANKATO
Phone: 507.388.7398
215 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

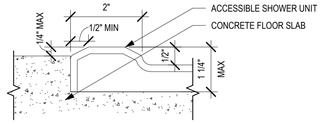
This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

No.	REVISION:

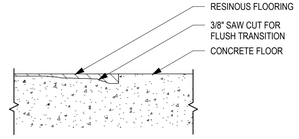
No.:	25494-1	Date:	11-02-2026
Drawn:	GEP	Checked:	JMN
Project Manager:	GEP		
Project Status:	CONSTRUCTION DOCS		

Sheet Title:
INTERIOR DETAILS

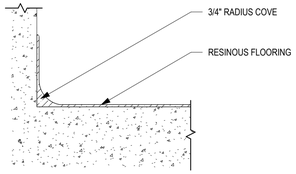
Sheet No.:
A4-31



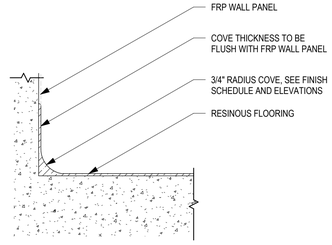
4 A4-32 **RECESSED SHOWER DETAIL - CONCRETE FLOOR**
6" = 1'-0"



3 A4-32 **TRANSITION - KEYED EDGE**
3" = 1'-0"



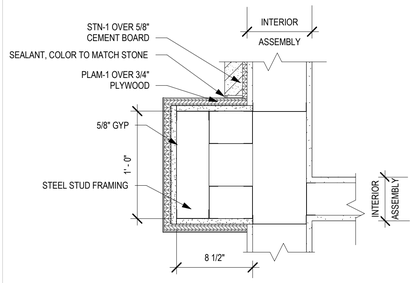
2 A4-32 **INTEGRAL COVE BASE DETAIL**
3" = 1'-0"



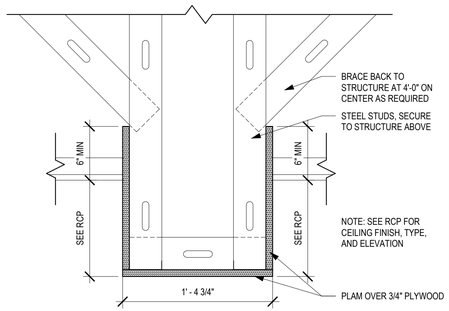
1 A4-32 **INTEGRAL COVE DETAIL - RESINOUS TO FRP**
3" = 1'-0"

INTERIOR DETAIL NOTES

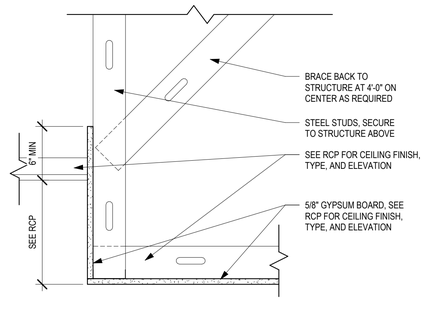
A. PROVIDE MELAMINE FINISH FOR INTERIOR OF CASEWORK.
B. ALL EXPOSED ENDS SHALL HAVE FINISHED END PANELS
C. ALL CABINET DRAWERS TO HAVE FULL EXTENSION, SOFT CLOSE SLIDES.



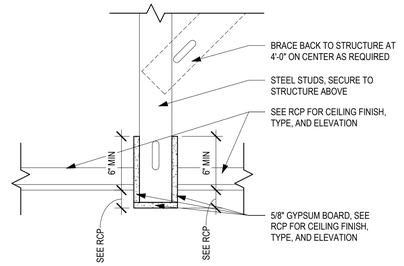
8 A4-32 **PLAM BUMPOUT DETAIL**
1 1/2" = 1'-0"



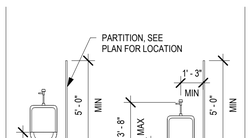
7 A4-32 **PLAM SOFFIT DETAIL**
1 1/2" = 1'-0"



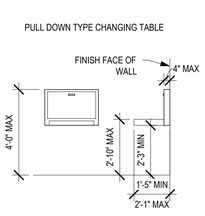
6 A4-32 **GYPSUM SOFFIT DETAIL**
1 1/2" = 1'-0"



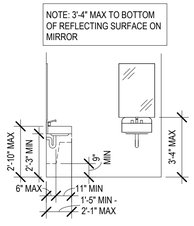
5 A4-32 **GYPSUM BULKHEAD DETAIL**
1 1/2" = 1'-0"



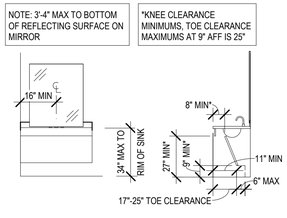
URINAL & SCREENS



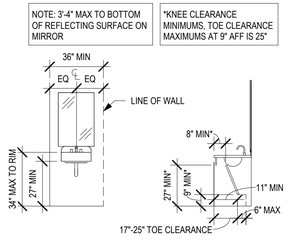
BABY CHANGING STATION



ACCESSIBLE LAVATORY

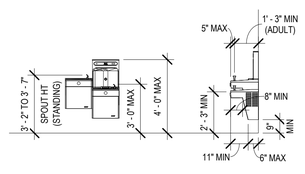


ACCESSIBLE DROP IN SINK IN COUNTER

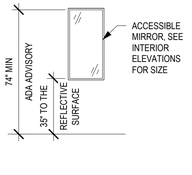


ACCESSIBLE LAVATORY IN ALCOVE

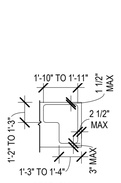
LAVATORIES



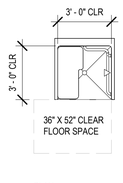
DRINKING FOUNTAINS



ACCESSIBLE MIRROR (STAND-ALONE)

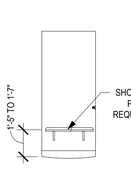


SEAT (PLAN)

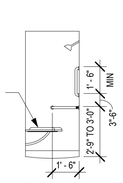


PLAN

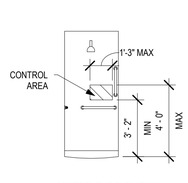
ADA TRANSFER STYLE SHOWER



HEAD END ELEVATION

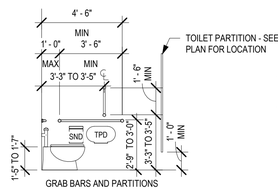


REAR ELEVATION

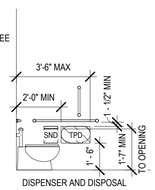


CONTROL END ELEVATION

SHOWERS

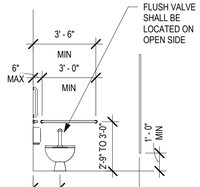


GRAB BARS AND PARTITIONS

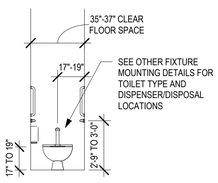


DISPENSER AND DISPOSAL LOCATIONS

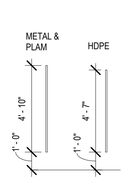
SIDE VIEW TOILET



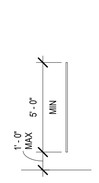
FRONT VIEW TOILET



AMBULATORY STALL



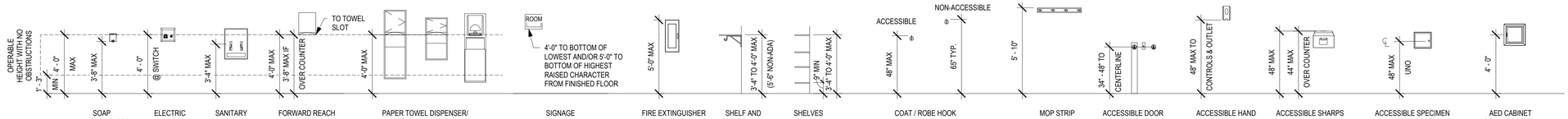
TOILET PARTITION



URINAL SCREEN

ABBREVIATIONS

BCS	BABY CHANGING STATION
CH	COAT HOOK
EHD	ELECTRIC HAND DRYER
EWC	ELECTRIC WATER COOLER
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
GB	GRAB BAR
PTD	PAPER TOWEL DISPENSER
RH	ROBE HOOK
SD	SOAP DISPENSER
SND	SANITARY NAPKIN DISPOSAL
SNV	SANITARY NAPKIN VENDOR
TPD	TOILET PAPER DISPENSER
UR	URINAL
WR	WASTE RECEPTACLE



SOAP DISPENSER | ELECTRIC HAND DRYER | SANITARY NAPKIN VENDOR | FORWARD REACH PAPER TOWEL DISPENSER | PAPER TOWEL DISPENSER/ WASTE RECEPTACLE | SIGNAGE | FIRE EXTINGUISHER CABINET | SHELF AND ROD | SHELVES | COAT / ROBE HOOK | MOP STRIP | ACCESSIBLE DOOR PUSH PLATE | ACCESSIBLE HAND SANITIZER | ACCESSIBLE SHARPS CONTAINER | ACCESSIBLE SPECIMEN PASS THROUGH | AED CABINET SEMI-RECESSED

ADA CLEARANCES

NOTES

A. SCHEDULE IS IN ACCORDANCE WITH 2017 ICC A117.1.
B. RESTROOM ACCESSORIES WITH LEADING EDGES MORE THAN 27" AND NOT MORE THAN 80" AFF SHALL NOT PROTRUDE MORE THAN 4" HORIZONTALLY INTO THE CIRCULATION PATH.
C. SEAL ALL TOILET ROOM ACCESSORIES AGAINST MOISTURE.
D. EXPOSED WATER PIPES TO BE INSULATED WRAPPED - TYPICAL ALL SINKS.
E. ACCESSIBLE TOILET COMPARTMENT DOORS SHALL BE EQUIPPED WITH A "LOOP" OR "U" SHAPED HANDLE IMMEDIATELY BELOW THE LATCH.
F. NO FIXTURES SHALL BE ALLOWED WITHIN THE WATER CLOSET CLEAR SPACE OF 56" DEEP AND 60" WIDE, OTHER THAN THE WATER CLOSET ITSELF.

BRUNTON

MINNEAPOLIS
Plymouth Building, Suite 396
725 Washington Ave SE
Minneapolis, MN 55414

MANKATO
Riverfront Center
215 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:

ECOTOURISM VISITORS CENTER

221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

1 WY **REVISION:**

No.: 25494-1 | Date: 11-02-2026
Drawn: GEP | Checked: JMN
Project Manager: GEP
Project Status: CONSTRUCTION DOCS

Sheet Title:

INTERIOR DETAILS

Sheet No.:

A4-32

11/2/2026 4:42:57 PM

DOOR SCHEDULE

REV	NO	LOCATION	DOOR WIDTH	DOOR HEIGHT	DOOR TYPE	DOOR MATL	DOOR FIN	FRAME TYPE	FRAME MATL	FRAME FIN	HDW	POWER	RATING	NOTES
	100-1	VESTIBULE	3' - 0"	7' - 0"	FG	ALUM	ANOD	SF3	ALUM	ANOD	15	Yes	--	B
	100-2	VESTIBULE	3' - 0"	7' - 0"	FG	ALUM	ANOD	SF6	ALUM	ANOD	17	Yes	--	B
	103	GIFT SHOP	3' - 0"	7' - 0"	FG	ALUM	ANOD	SF7	ALUM	ANOD	11	No	--	
	104-1	HALLWAY	3' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	08	No	--	
	104-2	HALLWAY	3' - 0"	7' - 0"	G	HM	PT-4	F1	HM	PT-4	09	No	--	
	105	OFFICE	3' - 0"	7' - 0"	F	WD	PLAM-1	F2	HM	PT-4	05	No	--	
	106	OFFICE	3' - 0"	7' - 0"	F	WD	PLAM-1	F2	HM	PT-4	05	No	--	
	107	OFFICE	3' - 0"	7' - 0"	F	WD	PLAM-1	F2	HM	PT-4	05	No	--	
	108	OFFICE	3' - 0"	7' - 0"	F	WD	PLAM-1	F2	HM	PT-4	05	No	--	
	110	MEETING	3' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	01	No	--	
	111-1	SQUAD	3' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	05	No	--	
	111-2	SQUAD	3' - 0"	7' - 0"	F	HM	PT-4	F1	HM	PT-4	06	No	--	
	112	BREAK	3' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	01	No	--	
	113-1	HALLWAY	3' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	08	No	--	
	113-2	HALLWAY	3' - 0"	7' - 0"	G	HM	PT-4	F1	HM	PT-4	09	No	--	
	114a	SHOWER	3' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	04	No	--	
	115	FITNESS	3' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	02	No	--	
	116	UTILITY	3' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	10	No	--	
	117	MENS	3' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	18	No	--	
	118	WOMENS	3' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	18	No	--	
	119-1	TRAINING	3' - 0"	7' - 0"	G	WD	STN	F3	HM	PT-4	19	No	--	
	119-2	TRAINING	3' - 0"	7' - 0"	FG	ALUM	ANOD	SF2	ALUM	ANOD	16	No	--	
	119a-1	STORAGE	6' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	12	No	--	
	119a-2	STORAGE	6' - 0"	7' - 0"	F	WD	PLAM-1	F1	HM	PT-4	12	No	--	
	120	MECHANICAL	3' - 0"	7' - 0"	F	HM	PT-4	F1	HM	PT-4	07	No	--	
	121-1	GARAGE	3' - 0"	7' - 0"	F	HM	PT-4	F1	IHM	PT-4	14	No	--	A
	121-2	GARAGE	3' - 0"	7' - 0"	F	HM	PT-4	F1	IHM	PT-4	14	No	--	A
	121-3	GARAGE	20' - 0"	12' - 0"	OHD	STL	FF	--	--	--	--	No	--	C
	121-4	GARAGE	20' - 0"	12' - 0"	OHD	STL	FF	--	--	--	--	No	--	C
	121-5	GARAGE	20' - 0"	12' - 0"	OHD	STL	FF	--	--	--	--	No	--	C
	121-6	GARAGE	20' - 0"	12' - 0"	OHD	STL	FF	--	--	--	--	No	--	C
	121-7	GARAGE	20' - 0"	12' - 0"	OHD	STL	FF	--	--	--	--	No	--	C
	122-1	GAME PROCESSING	6' - 0"	10' - 8"	F	HM	PT-4	F4	HM	PT-4	12	No	--	D
	122-2	GAME PROCESSING	3' - 0"	7' - 0"	F	HM	PT-4	F1	IHM	PT-4	14	No	--	A
	123	RR	3' - 0"	7' - 0"	F	HM	PT-4	F1	HM	PT-4	03	No	--	
	124	EVIDENCE	3' - 0"	7' - 0"	F	HM	PT-4	F1	HM	PT-4	13	No	--	
	125-1	STORAGE	6' - 0"	7' - 0"	F	HM	PT-4	F1	HM	PT-4	12	No	--	
	125-2	STORAGE	3' - 0"	7' - 0"	F	HM	PT-4	F1	IHM	PT-4	14	No	--	A

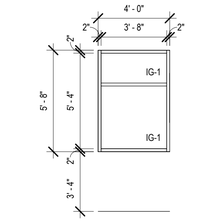
DOOR NOTES

A. PROVIDE THERMALLY BROKEN DOOR FRAME ASSEMBLY
B. DOOR OPERATOR PUSH PAD AT MULLION, SEE FLOOR PLANS FOR MOUNTING LOCATIONS
C. PROVIDE INTERIOR CONTROLS AND OVERHEAD DOORS, SEE SPECIFICATIONS
D. COORDINATE RAIL SYSTEM AT DOOR FRAME HEAD.
E. ALL ANODIZED DOORS AND FRAMES TO BE BLACK ANODIZED FINISH.

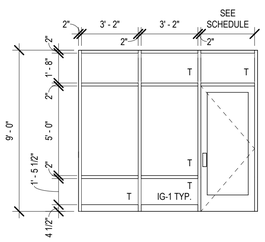
DOOR ABBREVIATIONS

ALUM	ALUMINUM
ANOD	ANODIZED, SEE DOOR NOTES FOR COLOR
FF	FACTORY FINISH
FRP	FIBER-REINFORCED PLASTIC
GL	GLASS
HM	HOLLOW METAL
IHM	INSULATED HOLLOW METAL
PLAM	PLASTIC LAMINATE
PT	PAINT
SS	STAINLESS STEEL
STL	STEEL
WD	WOOD

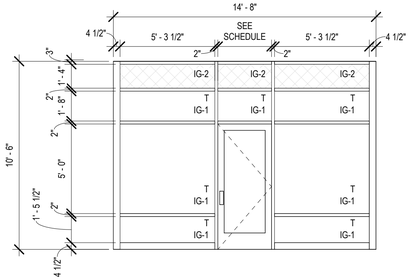
WINDOW TYPES



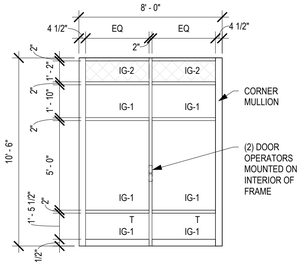
SF1 FRAME MATERIAL: ALUMINUM
FRAME FINISH: BLACK ANODIZED



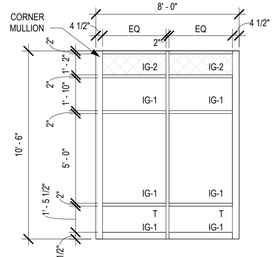
SF2 FRAME MATERIAL: ALUMINUM
FRAME FINISH: BLACK ANODIZED



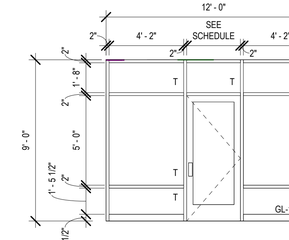
SF3 FRAME MATERIAL: ALUMINUM
FRAME FINISH: BLACK ANODIZED



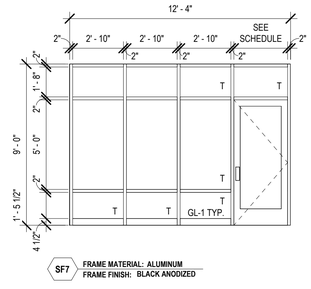
SF4 FRAME MATERIAL: ALUMINUM
FRAME FINISH: BLACK ANODIZED



SF5 FRAME MATERIAL: ALUMINUM
FRAME FINISH: BLACK ANODIZED

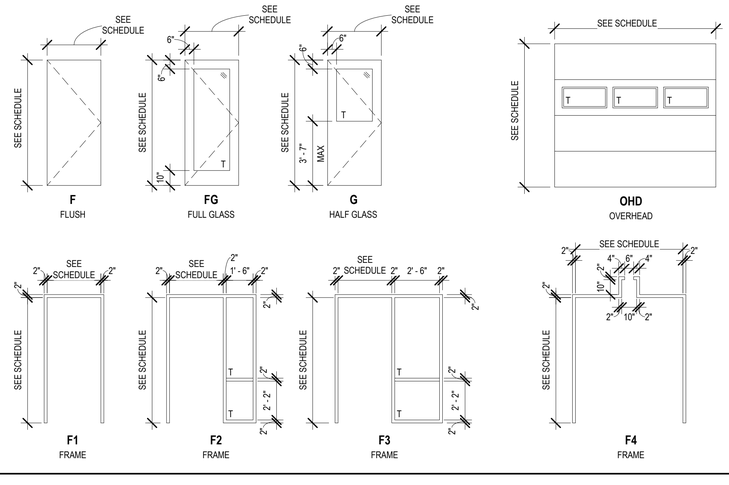


SF6 FRAME MATERIAL: ALUMINUM
FRAME FINISH: BLACK ANODIZED



SF7 FRAME MATERIAL: ALUMINUM
FRAME FINISH: BLACK ANODIZED

DOOR & FRAME TYPES



OPENING NOTES

A. DIMENSIONS SHOWN ARE NOMINAL, MANUFACTURER AND INSTALLER TO FIELD VERIFY DIMENSIONS AND OPENING CONDITIONS. ACCOUNT FOR DEFLECTIONS WHERE REQUIRED.
B. ALL EXTERIOR STOREFRONT FRAMES TO BE THERMALLY BROKEN.
C. INSTALLER WILL BE RESPONSIBLE FOR ATTACHMENT TO STRUCTURE.
D. SEE GLASS TYPES AND SPECIFICATIONS FOR GLASS TYPES. (NOTED AS IG-# AND GL-#)
E. ALL EXTERIOR STOREFRONT AND CURTAIN WALL GLASS TYPES TO BE IG-1 UNLESS NOTED OTHERWISE.
F. COLOR OF ANODIZED ALUMINUM DOORS TO MATCH GLAZING SYSTEM THEY ARE LOCATED IN.
G. ALL EXTERIOR DOORS WITH GLASS TO BE TEMPERED IG-1 UNLESS NOTED OTHERWISE.
H. ALL INTERIOR STOREFRONT GLASS TYPES TO BE GL-1 UNLESS NOTED OTHERWISE.
I. WHERE NOT INDICATED, INTERIOR DOORS WITH GLASS WILL BE TEMPERED GL-1.
J. WHERE DOOR INDICATES RATING, GLASS TO BE RATED IN ACCORDANCE WITH DOOR RATING.
K. AT EXTERIOR INSULATED HM DOORS, FRAME TO BE 7 3/4" DEEP UNLESS NOTED OTHERWISE.

GLASS TYPES

IG-1 = 1" INSULATED VISION GLASS (TINTED GREY)
IG-2 = 1" INSULATED SPANDREL GLASS (TINTED GREY)

GL-1 = 1/4" VISION GLASS (CLEAR)

T = TEMPERED GLASS

NOTE:
- ANY GLASS WITH IN 2'-0" OF A DOOR SWING TO BE TEMPERED.
- ANY GLASS LESS 18" A.F.F. TO BE TEMPERED
- ALL GLASS IN DOORS SHALL BE TEMPERED

BRUNTON
MINNEAPOLIS
7500 Olson Memorial Hwy
Suite 388
Minneapolis, MN 55427
763-315-3388
MANKATO
217 Belgrade Ave
Suite 2
North Mankato, MN 56003
507-388-7998

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

MARK | REVISION:

No.: 25494-1	Date: 11-02-2026
Drawn: TS	Checked: CRA
Project Manager: GEP	
Project Status: CONSTRUCTION DOCS	

Sheet Title:
SCHEDULES

Sheet No.:
A5-11

11/2/2026 4:42:59 PM

CEILING FINISH SCHEDULE

CODE	SPECIFICATIONS	CONTACT
PT-5	SHERWIN WILLIAMS COLOR: CEILING BRIGHT WHITE SW7007 FINISH: EGGSHELL	DISTRIBUTOR: SHERWIN WILLIAMS CONTACT: JOSH KIENLEN 507.720.5645
ACT-1	ACOUSTIC CEILING TILE STYLE: MARS 86785 COLOR: WHITE SIZE: 24" x 24" EDGE: SHADOWLINE TAPERED GRID: DONN BRAND DX/DXL 15/16", WHITE	DISTRIBUTOR: USG CONTACT: SCOTT UGLOW 612.946.1930
ACT-2	ACOUSTIC CEILING TILE STYLE: MARS HIGH-NRC 88138 COLOR: BLACK SIZE: 24" x 24" EDGE: SHADOWLINE TAPERED GRID: DONN BRAND DX/DXL 15/16", BLACK	DISTRIBUTOR: USG CONTACT: SCOTT UGLOW 612.946.1930
BF-1	ACOUSTIC CEILING BAFFLE STYLE: BEAM COLOR: CHARCOAL CH01 PROFILE: 2" x 8" LENGTH: 14'-0" INSTALLATION: CABLE TO T-GRID SPACING: 9" O.C.	DISTRIBUTOR: ACOUFELT CONTACT: KYLA PETERSON 248.429.5938

SPECIALTY FINISH SCHEDULE

CODE	SPECIFICATIONS	CONTACT
WS-1	MECHO WINDOW SHADE ECOVEIL SHEER 6750 SERIES OPEN: 3% COLOR: CLAY 6755 VALANCE: BLACK	DISTRIBUTOR: MECHO CONTACT: HUNTER JOHNSON 952.847.0714
WS-2	MECHO WINDOW SHADE DISTINCTIVE BLACKOUT 0800 SERIES OPEN: OPAQUE COLOR: ASPEN 0807 VALANCE: BLACK	DISTRIBUTOR: MECHO CONTACT: HUNTER JOHNSON 952.847.0714
TP-1	BASIS OF DESIGN: ASI TOILET PARTITIONS STYLE: POWDER COATED STEEL COLOR: BLACK ACCESSORY FINISH: STAINLESS STEEL COMPLIANCE: NFPA 286 - CLASS A	
CG-1	INPRO CORNER GUARD COLLECTION: 150 HIGH IMPACT HEIGHT: 9'-0" COLOR: TAUPE 0113	DISTRIBUTOR: INPRO CONTACT: JIM TEGAN 612.867.3482
CG-2	INPRO CORNER GUARD COLLECTION: 150 HIGH IMPACT HEIGHT: 9'-0" COLOR: CASTLE 0256	DISTRIBUTOR: INPRO CONTACT: JIM TEGAN 612.867.3482
CG-3	STAINLESS STEEL CORNER GUARD THICKNESS: 16 GA. INSTALLATION: 375 HEAVY DUTY CONSTRUCTION ADHESIVE HEIGHT: 6'-0"	

WALL FINISH SCHEDULE

CODE	SPECIFICATIONS	CONTACT
WT-1	CAESAR CERAMICS COLLECTION: CIVIC COLOR: MULTICOLOR COLD SIZE: 12" X 12" INSTALLATION: MONOLITHIC GROUT: LATICRETE - NATURAL GREY 24	DISTRIBUTOR: VIRGINIA TILE CONTACT: TIFFANY NAGLE 763.559.5531
WT-2	CROSSVILLE INC. COLLECTION: ARGENT 2.0 COLOR: ENCHANTED FOREST SIZE: 12" X 24" INSTALLATION: MONOLITHIC GROUT: LATICRETE - NATURAL GREY 24	DISTRIBUTOR: VIRGINIA TILE CONTACT: TIFFANY NAGLE 763.559.5531
WT-3	CROSSVILLE INC. COLLECTION: ARGENT 2.0 COLOR: ENCHANTED FOREST SIZE: 4" X 4" RANDOM ANGLE MOSAIC INSTALLATION: MONOLITHIC GROUT: LATICRETE - NATURAL GREY 24	DISTRIBUTOR: VIRGINIA TILE CONTACT: TIFFANY NAGLE 763.559.5531
VB-1	VINYL BASE STYLE: TRADITIONAL COVED SIZE: 4" COLOR: BLACK B 40	DISTRIBUTOR: TARKETT CONTACT: CLIFF GUSTAFSON 952.451.8405
PT-1	SHERWIN WILLIAMS COLOR: SW 7030 ANEW GRAY FINISH: EGGSHELL	DISTRIBUTOR: SHERWIN WILLIAMS CONTACT: JOSH KIENLEN 507.720.5645
PT-2	SHERWIN WILLIAMS COLOR: SW 6208 PEWTER GREEN FINISH: EGGSHELL	DISTRIBUTOR: SHERWIN WILLIAMS CONTACT: JOSH KIENLEN 507.720.5645
PT-3	SHERWIN WILLIAMS COLOR: SW 7069 IRON ORE FINISH: EGGSHELL	DISTRIBUTOR: SHERWIN WILLIAMS CONTACT: JOSH KIENLEN 507.720.5645
PT-4	SHERWIN WILLIAMS COLOR: SW 6258 TRICORN BLACK FINISH: SEMI-GLOSS NOTE: HM DOORS, FRAMES & MISC. METALS	DISTRIBUTOR: SHERWIN WILLIAMS CONTACT: JOSH KIENLEN 507.720.5645
WC-1	KOROSEAL WALL COVERING COLLECTION: DIGITAL DESIGNS SUBSTRATE: FINE TEXTURE, TYPE II PROJECT NUMBER: CD260817	DISTRIBUTOR: KOROSEAL CONTACT: NATALIA HAYWOOD 855.753.5474
FRP-1	BASIS OF DESIGN: VALTO COLOR: WHITE TEXTURE: SMOOTH TRIM: AS REQUIRED FOR APPLICATION	

FLOOR FINISH SCHEDULE

CODE	SPECIFICATIONS	CONTACT
WOC-1	MOHAWK GROUP COLLECTION: TUFF STUFF II STYLE: STEP UP II COLOR: COBALT SIZE: 24"x24" INSTALLATION: ASHLAR	DISTRIBUTOR: MOHAWK GROUP CONTACT: JOE BOLT 612.443.7307
RS-1	STONHARD RESINOUS FLOORING COLLECTION: STONSHIELD URT TEXTURE: MEDIUM COLOR: ASH 6" INTEGRAL COVE (IC), WHERE NOTED	DISTRIBUTOR: STONHARD CONTACT: JOHN REICHENBERG 402.238.6709
RB-1	ECOSURFACES COLLECTION: FOREST RX COLOR: SMOKED OAK 9827 SIZE: 48" ROLL INSTALLATION: FULL ADHESIVE W/ HEAT WELD ROD AT SEAMS	DISTRIBUTOR: SPARTAN SURFACES CONTACT: KATE KOSKEY 612.805.3076
PT-6	SHERWIN WILLIAMS COLOR: CEILING BRIGHT WHITE SW7007 FINISH: FLAT NOTE: GARAGE FLOOR STRIPES	DISTRIBUTOR: SHERWIN WILLIAMS CONTACT: JOSH KIENLEN 507.720.5645
SC-1	SEALED CONCRETE, SEE STRUCTURAL	
SC-2	SEALED CONCRETE, SEE STRUCTURAL	

TRANSITION SCHEDULE

CODE	SPECIFICATIONS	CONTACT
ST-1	SCHLUTER TRANSITION STYLE: DILEX-AHK / AHKA & ACCESSORIES SIZE: TO SUIT APPLICATION FINISH: SATIN ANODIZED ALUMINUM	DISTRIBUTOR: SCHLUTER CONTACT: KAYLA KEENAN 320.437.1732
ST-2	SCHLUTER TRANSITION STYLE: SCHIENE SIZE: TO SUIT APPLICATION FINISH: SATIN ANODIZED ALUMINUM	DISTRIBUTOR: SCHLUTER CONTACT: KAYLA KEENAN 320.437.1732
ST-3	SCHLUTER TRANSITION STYLE: RENO-U SIZE: TO SUIT APPLICATION FINISH: SATIN ANODIZED ALUMINUM	DISTRIBUTOR: SCHLUTER CONTACT: KAYLA KEENAN 320.437.1732
ST-4	SCHLUTER TRANSITION STYLE: QUADEC & ACCESSORIES SIZE: TO SUIT APPLICATION FINISH: SATIN ANODIZED ALUMINUM	DISTRIBUTOR: SCHLUTER CONTACT: KAYLA KEENAN 320.437.1732
VT-1	VINYL TRANSITION COLOR: BLACK B 40 SIZE: TO SUITE APPLICATION	DISTRIBUTOR: TARKETT CONTACT: CLIFF GUSTAFSON 952.451.8405

SURFACE FINISH SCHEDULE

CODE	SPECIFICATIONS	CONTACT
SS-1	WILSONART SOLID SURFACE COLOR: ANGORA SANDS EDGE: EASED NOTE: WINDOW SILL FINISH U.N.O.	DISTRIBUTOR: WILSONART CONTACT: LYNETTE STENDE 612.500.6020
IS-1	WILSONART INTEGRAL SINK STYLE: AV1512 VANITY BOWL COLOR: DESIGNER WHITE	DISTRIBUTOR: WILSONART CONTACT: LYNETTE STENDE 612.500.6020
QTZ-1	WILSONART QUARTZ COLOR: DESERT VIEW Q4043 THICKNESS: 3CM EDGE: 1/8" EASED	DISTRIBUTOR: WILSONART CONTACT: LYNETTE STENDE 612.500.6020
PLAM-1	WILSONART COLOR: ACORN VELVET ELM FINISH: TRACELESS EDGE: NA	DISTRIBUTOR: WILSONART CONTACT: LYNETTE STENDE 612.500.6020
WD-1	STAINED WOOD SPECIES: WHITE OAK COLOR: STAINED TO MATCH PLAM-1	
UPH-1	DESIGNTEX COLLECTION: VINYL UPHOLSTERY PATTERN: ALPHABET COLOR: WILLOW	DISTRIBUTOR: DESIGNTEX CONTACT: JANINE PETERSON 612.387.2625

BRUNTON

MINNEAPOLIS
Phone: 763.559.7366
7525 Victoria Street
Minneapolis, MN 55426

MANKATO
Phone: 507.388.7366
1251 Belgrade Ave
North Mankato, MN 56003

LICENSED ARCHITECT
CONEY A. BRUNTON
C-3502
Date 11/02/2026
STATE OF WYOMING

Plan Review Stamp:

Consultant:

Project:
ECOTOURISM VISITORS CENTER
221 ETHETE RD, FORT WASHAKIE, WY 82514

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.: 25494-1	Date: 11-02-2026
Drawn: GEP	Checked: JMN
Project Manager: GEP	
Project Status: CONSTRUCTION DOCS	

Sheet Title:
INTERIOR SCHEDULES

Sheet No.:
A5-12

11/2/2026 4:43:00 PM

STRUCTURAL GENERAL NOTES

GENERAL NOTES:

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
2. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
3. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING (AND ACCOMPANYING FOOTINGS), GUYS OR TIE-DOWNS.
4. ADDITIONAL OBSERVATIONS AS A RESULT OF REJECTION OF WORK COMPLETED AND/OR ADDITIONAL OBSERVATIONS DUE TO THE DEFICIENCIES IN WORK OBSERVED WILL BE AT THE EXPENSE OF THE CONTRACTOR.
5. ALL STRUCTURAL SHOP DRAWINGS TO BE REVIEWED BY JOB SUPERINTENDENT IN ADDITION TO ALL PERSONNEL DEEMED NECESSARY BY CONTRACTOR PRIOR TO SUBMITTAL TO ENGINEER FOR APPROVAL.
6. ALL SHOP DRAWINGS TO BE REVIEWED BY ALBERTSON ENGINEERING INC. SHALL HAVE ELECTRONIC COPIES PROVIDED TO ALBERTSON ENGINEERING INC. FOR REVIEW. AN ELECTRONIC MARKED SET OF THOSE DRAWINGS WILL BE RETURNED TO THE CONTRACTOR. NO ADDITIONAL HARD COPIES OF THE SHOP DRAWINGS NEED TO BE PROVIDED TO ALBERTSON ENGINEERING INC., ALTHOUGH OTHER PARTIES MAY REQUIRE HARD COPIES OF THE MARKED UP DRAWINGS. THESE REQUIREMENTS ARE IN ADDITION TO THE TYPICAL PROJECT SHOP DRAWING SUBMITTAL REQUIREMENTS STATED IN THE PROJECT SPECIFICATIONS.
7. THE DESIGN OF THE STRUCTURE SHOWN IN THESE CONSTRUCTION DOCUMENTS IS FOR THE ONE-TIME USE AT THE SPECIFIC SITE REFERENCED IN THE GEOTECHNICAL REPORT.

DESIGN CODES:

- 2024 INTERNATIONAL BUILDING CODE.
- 2024 INTERNATIONAL EXISTING BUILDING CODE.
- ACI 318-19 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY.
- AISC 360-22 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS.
- AISI S100-16 (2020) NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS.
- ASCE 7-22 MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES.
- NDS 2024 NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
- SDI SD-2022 STANDARD FOR STEEL DECK.

DESIGN LOADS:

THE STRUCTURAL SYSTEM FOR THIS BUILDING HAS BEEN DESIGNED WITH THE FOLLOWING SUPERIMPOSED LOADINGS BASED ON A **RISK CATEGORY II**

ROOF:

SNOW LOAD	32 PSF + DRIFT
CANOPY SNOW LOAD	39 PSF + DRIFT
GROUND SNOW LOAD	46 PSF
SNOW EXPOSURE FACTOR	1.0
SNOW THERMAL FACTOR	1.0
WINTER WIND PARAMETER	0.55
DEAD LOAD	20 PSF
LIVE LOAD	20 PSF (REDUCIBLE)
RAIN INTENSITY	4.16 IN/HR

WIND:

ULTIMATE WIND SPEED (V_{ULT})	106 MPH
NOMINAL WIND SPEED (V_{ASD})	63 mph
EXPOSURE CATEGORY	C
INTERNAL PRESSURE COEFFICIENT	±0.18
TORNADO INTERNAL PRESSURE COEFFICIENTS	±0.55
COMPONENT AND CLADDING PRESSURES	SEE TABLE ON SHEET S0-05

SEISMIC:

SEISMIC DESIGN CATEGORY	B
SITE CLASSIFICATION	CD
SEISMIC IMPORTANCE FACTOR	1.0
MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS	$S_S = 0.3$; $S_1 = 0.072$
DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS	$S_{DS} = 0.23$; $S_{D1} = 0.094$
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE PROCEDURE
SEISMIC FORCE RESISTING SYSTEM	PEMB FRAMES
RESPONSE MODIFICATION COEFFICIENT	3.5
SEISMIC RESPONSE COEFFICIENT	0.032
DESIGN BASE SHEAR	V = 0.032 (DEAD LOAD)

FOUNDATIONS:

1. SEE THE FOLLOWING REPORT FOR COMPLETE GEOTECHNICAL RECOMMENDATIONS AND INSTALLATION PROCEDURES. SITE PREPARATION AND FOUNDATION SHALL COMPLY WITH THE FOLLOWING:

   PREPARED BY: INBERG-MILLER ENGINEERS

   TITLE: SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING REPORT
   ECOTOURISM VISTOR CENTER
   FREMONT COUNTY, WYOMING

   24891-RX

   DATE: JUNE 24, 2026

2. GEOTECHNICAL RECOMMENDATIONS WERE PREPARED WITH SPECIFIC KNOWLEDGE OF THE SPECIFIC BUILDING TYPE, CONSTRUCTION TYPE, AND LIKELY LOADS SHOWN ON THE CONSTRUCTION DOCUMENTS. DETERMINING THE AMOUNT OF SETTLEMENT ACCEPTABLE FOR THE BUILDING TYPE IS THE RESPONSIBILITY OF THE GEOTECHNICAL ENGINEER. ALL STRUCTURAL DESIGNS WERE BASED UPON STAYING WITHIN THE LIMITS GIVEN WITHIN THE GEOTECHNICAL REPORT FOR THE LOADS PRESCRIBED BY THE BUILDING CODE REFERENCED IN THE DESIGN CODES SECTION OF THESE STRUCTURAL NOTES.
3. DESIGNS BASED UPON AN ALLOWABLE BEARING CAPACITY OF 2,500 PSF. SEE GEOTECHNICAL REPORT FOR ALL REQUIREMENTS RELATED TO THE CONSTRUCTION OF THE SLAB AND FOOTINGS ON GRANULAR ENGINEERED FILL MATERIAL.

PLUMBING SLEEVES:

1. MINIMUM SLEEVE SPACING SHALL BE TWO DIAMETERS CENTER TO CENTER TO THE LARGER SLEEVE OR 6" CLEAR BETWEEN SLEEVES, WHICHEVER IS GREATER. PRIOR TO CONSTRUCTION SLEEVE LOCATIONS AND SIZES SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.

PENETRATIONS:

1. NO PENETRATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBERS OTHER THAN THOSE LOCATED ON THESE DRAWINGS WITHOUT PREVIOUS APPROVAL OF THE ENGINEER.

FORMWORK AND SHORING:

1. NO STRUCTURAL CONCRETE SHALL BE STRIPPED UNTIL IT HAS REACHED AT LEAST TWO-THIRDS OF THE 28 DAY DESIGN STRENGTH. DESIGN, ERECTION AND REMOVAL OF ALL FORMWORK, SHORES AND RESHORES SHALL MEET THE REQUIREMENTS SET FORTH IN ACI STANDARDS 301 AND 347.

CONCRETE MIX DESIGN:

1. CONCRETE MIX SHALL BE DESIGNED BY RECOGNIZED TESTING LABORATORY TO ACHIEVE A STRENGTH AT 28 DAYS AS SHOWN IN THE BELOW CONCRETE PROPERTIES SCHEDULE WITH A PLASTIC AND WORKABLE MIX:

CONCRETE PROPERTIES

LOCATION	28 DAY COMPRESSIVE STRENGTH	ENTRAINED AIR	SLUMP	MAX W/C RATIO
FOOTINGS	3,500 PSI	4.0% - 6.0%	5" +/- 1"	0.55
FND WALLS & ALL OTHER CONC	4,500 PSI	5.0% - 7.0%	4"+/- 1"	0.45
INTERIOR SLABS	4,000 PSI	≤ 3.0%	3" +/- 1"	0.5
STOOP SLABS	5,000 PSI	5.0% - 7.0%	3" +/- 1"	0.40

2. SUBMIT PROPOSED MIX DESIGN WITH RECENT FIELD CYLINDER OR LAB TESTS FOR REVIEW PRIOR TO USE. MIX SHALL BE UNIQUELY IDENTIFIED BY MIX NUMBER OR OTHER POSITIVE IDENTIFICATION. CONCRETE SHALL COMPLY WITH ALL THE REQUIREMENTS OF ASTM STANDARD C94 FOR MEASURING, MIXING, TRANSPORTING, ETC. CONCRETE TICKETS SHALL BE TIME STAMPED WHEN CONCRETE IS BATCHED. THE MAXIMUM TIME ALLOWED FROM THE TIME THE MIXING WATER IS ADDED UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ONE AND ONE HALF (1-1/2) HOURS. IF FOR ANY REASON THERE IS A LONGER DELAY THAN STATED ABOVE, THE CONCRETE SHALL BE DISCARDED. IT SHALL BE THE RESPONSIBILITY OF THE TESTING LAB TO NOTIFY THE OWNER'S REPRESENTATIVE AND THE CONTRACTOR OF ANY NONCOMPLIANCE WITH THE ABOVE. ALL SLABS SHALL BE CURED USING CURING COMPOUND MEETING ASTM STANDARD C309 TYPE 1 AND SHALL HAVE A FUGITIVE DYE. THE COMPOUND SHALL BE PLACED AS SOON AS THE FINISHING IS COMPLETED OR AS SOON AS THE WATER HAS LEFT THE UNFINISHED CONCRETE. ALL SCUFFED OR BROKEN AREAS IN THE CURING MEMBRANE SHALL BE RECOATED DAILY. CALCIUM CHLORIDES SHALL NOT BE UTILIZED; OTHER ADMIXTURES MAY BE USED ONLY WITH THE APPROVAL OF THE ENGINEER.
3. ALL CONCRETE SHALL UTILIZE TYPE IL CEMENT. (CONCRETE USED FOR SLABS SHALL HAVE A MINIMUM 20% CLASS F FLY-ASH CONTENT BY WEIGHT.)
4. COARSE AND FINE AGGREGATES WITHIN ALL CONCRETE SHALL COMPLY WITH ASTM C33 AND ACI 302.1, CURRENT VERSIONS. COURSE AND FINE AGGREGATES USED IN INTERIOR SLAB-ON-GRADE CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF NOTES 'a' THROUGH 'e' NOTED BELOW.
   a. COMPLIANCE WITH THE NON-REACTIVE REQUIREMENTS OF ACI 302.1 SHALL NOT BE PROVIDED FOR BY THE PROVISION OF ACI 302.1 (SUBSECTION 7.3) THAT EXCLUDES THE AGGREGATES BEING CLASSIFIED AS DELETERIOUSLY REACTIVE WITH ALKALIES IF THE AGGREGATE HAS A SATISFACTORY SERVICE RECORD EVALUATION OR WITH THE ADDITION OF A MATERIAL THAT HAS SHOWN TO PREVENT HARMFUL EXPANSION DUE TO ALKALI-AGGREGATE REACTION.
   b. CONCRETE MIX DESIGN SHALL INCLUDE TEST RECORDS OF THE COMPLIANCE OF THE AGGREGATE MEETING THE REQUIREMENTS OF ASTM C1260, AND THAT THE EXPANSION OF THE MORTAR SAMPLE SHALL NOT EXCEED 0.10% WHEN TESTED IN ACCORDANCE WITH ASTM C1260 AT 14 DAYS. USE OF ADMIXTURES THAT MITIGATE THE EFFECT OF THE REACTIVE AGGREGATE TO BE PROPOSED IN CONCRETE MIX SHOP DRAWING MAY BE AN APPROVED APPROACH BY THE ENGINEER TO ALLOW FOR THE USE OF OTHERWISE REACTIVE AGGREGATES. IF SUCH MITIGATING MEASURES ARE PROPOSED, THEY MUST BE INCLUDED WITHIN MIX DESIGN SUBMITTAL. THE ENGINEER IS GIVEN DISCRETION AS TO WHETHER OR NOT TO ACCEPT MITIGATING MEASURES OR TO MAINTAIN REQUIREMENTS THAT NONREACTIVE AGGREGATES MUST BE USED. AT A MINIMUM, SUCH DOCUMENTATION MUST SHOW THAT REACTIVE AGGREGATES USED IN COMBINATION WITH A GIVEN AMOUNT OF ADMIXTURE RESULTS IN THE EXPANSION OF THE MORTAR SAMPLE BEING LESS THAN 0.10% WHEN TESTED IN ACCORDANCE WITH ASTM C1567 AT 14 DAYS. LIABILITY OF THE PERFORMANCE OF THE CONCRETE MIX REMAINS SOLELY WITH GENERAL CONTRACTOR.
   c. IF CONCRETE MIXES ARE APPROVED BY THE ENGINEER THAT CONTAIN EITHER FINE OR COARSE AGGREGATE, THAT EITHER SEPARATELY OR IN COMBINATION EXCEED THE 0.10% EXPANSION WHEN TESTED ACCORDING TO ASTM C1260, SPECIAL CONSIDERATIONS MUST BE GIVEN TO SLAB CURING (SLABS ON GRADE AND ELEVATED SLABS). IN SUCH INSTANCES SLABS SHALL BE CURED USING EITHER A WET BURLAP OR CONTINUOUS WETTING/FOGGING METHOD FOR SLABS FOR AT LEAST 10 DAYS. USE OF CURING AND/OR SEALING COMPOUNDS IS NOT ACCEPTABLE UNTIL THE SLAB HAS CURED A MINIMUM OF 28 DAYS AND THE CONDITIONS FOR THE APPLICATION OF THE CURING COMPOUND ON THE CONCRETE SLAB SET BY THE MANUFACTURER'S RECOMMENDATIONS HAVE BEEN MET.
   d. ENGINEER HAS SOLE DISCRETION IN DETERMINING ACCEPTABILITY OF A CONCRETE SLAB THAT IS EXHIBITING ALKALI-SILICA REACTION. FOR SLABS SHOWING AN ALKALI SILICA REACTION SOLELY WITHIN THE FINE AGGREGATE: A SLAB SHOWING AN AVERAGE DENSITY OF POPOUTS GREATER THAN 1 PER 8 SQUARE FEET OVER ANY CONTIGUOUS AREA OF 100 SQUARE FEET OR LARGER, OR ANY AREA WITH A DENSITY OF 1 POPOUTS PER 2 -SQUARE FEET WITHIN ANY AREA UP TO 100 SQUARE FEET WOULD BE CONSIDERED AS A BASIS FOR THE REJECTION OF THE SLAB FROM WHICH THOSE SAMPLE AREAS ARE INCLUDED. FOR A ALKALI SILICA REACTION WITHIN THE COARSE AGGREGATE: THE POPOUT DENSITIES CONSIDERED FOR REJECTION OF THE CONCRETE SLAB SHALL BE ½ OF THE DENSITIES GIVEN FOR FINE AGGREGATE. THE EXTENT OF REJECTED SLAB TO BE DETERMINED BY ENGINEER. THE TIME FRAME FOR OBSERVATION OF ALKALI SILICA REACTIONS AND DETERMINATION OF REJECTION OF THE CONCRETE SLAB SHALL BE AT LEAST 56 DAYS FROM THE DATE OF POUR.
   e. CONCRETE MIXES UTILIZING CRUSHED LIMESTONE AS COARSE AGGREGATE AND CONTAINING AT LEAST 25% CLASS F FLY ASH AND HAVING A SATISFACTORY SERVICE RECORD PER ACI 302.1 IS CONSIDERED AN ACCEPTABLE ALTERNATIVE APPROACH TO THE COMPLIANCE REQUIREMENTS OUTLINED IN PROVISIONS 4a THROUGH 4d ABOVE.
5. THE CONCRETE STRENGTHS SHOWN IN THE SECTION ABOVE AND IN THE SPECIFICATIONS ARE MINIMUM COMPRESSIVE STRENGTHS. THE ENGINEER SHALL DETERMINE IF THE CONCRETE IS ACCEPTABLE, OR TO BE REMOVED, OR TO RECEIVE SPECIAL CURING IF THE COMPRESSIVE STRENGTHS ARE LESS THAN SPECIFIED.
6. WATER REDUCING AGENTS MAY BE USED IN THE CONCRETE MIX. PLASTICIZERS AND SUPER-PLASTICIZERS MAY BE USED ONLY WHEN WRITTEN PERMISSION OF THE ENGINEER IS GIVEN.
7. NO SALTS OF ANY KIND MAY BE USED IN CONCRETE BEFORE OBTAINING THE ENGINEER'S WRITTEN PERMISSION FOR THEIR USE.

CONCRETE AND REINFORCING PLACEMENT:

1. ALL CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 301 AND ACI 117 EXCEPT AS MODIFIED BELOW:
   A. ACI 117 ITEM 4.3.1.1 ELEVATIONS OF SLABS-ON-GRADE TOP OF SLAB ELEVATION SHALL BE WITHIN A 3/8" ENVELOPE EITHER SIDE OF THE THEORETICAL DESIGN SURFACE.
   B. ACI 117 ITEM 4.5.7 FLOOR FINISH TOLERANCES AS MEASURED BY PLACING A FREESTANDING (UNLEVELED) 10 FT. STRAIGHTEDGE ANYWHERE ON THE SLAB AND ALLOWING IT TO REST UPON TWO HIGH SPOTS WITHIN 28 DAYS AFTER SLAB CONCRETE PLACEMENT. THE GAP AT ANY POINT BETWEEN THE STRAIGHT EDGE AND THE FLOOR SHALL NOT EXCEED 1/4".
2. ALL REINFORCING STEEL TO BE ASTM A615, GRADE 60 (#4 AND LARGER), EXCEPT WHERE NOTED OTHERWISE. REINFORCING SHALL NOT BE WELDED
3. WELDED WIRE REINFORCEMENT TO CONFORM TO ASTM A1064 AND SHALL BE FREE FROM OIL, SCALE, AND RUST. PLACE WWR IN ACCORDANCE WITH THE TYPICAL PLACING DETAILS OF ACI STANDARDS AND THE SPECIFICATIONS. MINIMUM LAPS SHALL BE ONE SPACE PLUS 2".
4. ALL REINFORCING STEEL BARS TO BE DETAILED AND PLACED IN ACCORDANCE WITH THE LATEST ACI MANUALS.
5. LAP ALL REINFORCING SPLICES IN CONCRETE A MINIMUM OF 48 BAR DIAMETERS OR 24 INCHES, WHICHEVER IS GREATER, UNLESS NOTED OTHERWISE ON DRAWINGS (CLASS B SPLICE).
6. PROVIDE CORNER BARS OF SAME BAR DIAMETER AS SPECIFIED FOR THE WALL, BEAM OR FOOTING. PROVIDE MINIMUM OF 40 BAR DIAMETER LAP FOR ALL CORNER BARS, UNLESS NOTE OTHERWISE.
7. PROVIDE FOUNDATION DOWELS AS SHOWN. MINIMUM SIZE DOWELS TO BE #4, UNLESS NOTED OTHERWISE. ALL VERTICAL REINFORCING STEEL IN COLUMNS AND PIERS, OR VERTICAL REINFORCING IN WALLS, SHALL BE DOWELED INTO THE FOOTINGS WITH SAME SIZE AND QUANTITY DOWEL AS THE VERTICAL REINFORCING.
8. WHERE SHOWN ON THE DRAWINGS, PROVIDE WELD PLATES, WELDMENTS, OR CONCRETE INSERTS FOR FASTENING AND SECURING OTHER COMPONENTS. CONCRETE INSERTS SHALL BE FURNISHED BY THE CONTRACTOR REQUIRING THEM AND INSTALLED BY THE CONTRACTOR CASTING THE CONCRETE AROUND THEM. CLIP ANGLES SHALL BE FURNISHED BY THE CONTRACTOR REQUIRING THEM.
9. REINFORCING STEEL SHALL RECEIVE CONCRETE COVER AS FOLLOWS:

DESCRIPTION	MINIMUM COVER
CAST AGAINST & PERMANENTLY EXPOSED TO EARTH	3"
EXPOSED TO EARTH OR WEATHER #6 THROUGH #18 BARS #5 BARS OR SMALLER	2" 1-1/2"
NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH THE GROUND, SLABS AND WALLS #11 BARS OR SMALLER #14 AND #18	3/4" 1-1/2"
BEAMS AND COLUMNS	1-1/2"
SHELLS, FOLDED PLATE MEMBERS: NO. 6 BAR AND LARGER NO. 5 BAR, W31 OR D31 WIRE AND SMALLER	3/4" 1/2"

10. PROVIDE TWO (2) #5'S, ONE AT EACH FACE, UNLESS NOTED OTHERWISE, AROUND ALL OPENINGS LESS THAN 12"X12" IN CAST-IN-PLACE CONCRETE. EXTEND REINFORCING 2'-0" BEYOND OPENING IN BOTH DIRECTIONS. CONTACT ENGINEER FOR ALL OPENINGS GREATER THAN 12"X12" FOR DESIGN.
11. COLD WEATHER AND HOT WEATHER PROVISIONS OF ACI 306 AND 305 (CURRENT EDITIONS), RESPECTIVELY, SHALL BE MAINTAINED.
12. UNLESS NOTED OTHERWISE ALL UNDER SLAB VAPOR RETARDER SHALL CONFORM TO THE REQUIREMENTS OF ASTM E1745 CLASS A AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.
13. FLOOR FLATNESS AND LEVELNESS TOLERANCES:
   A. MINIMUM F_F & F_L NUMBERS PER ASTM E1155
      NON-SLOPING SLAB-ON-GRADE:
      $F_F = 35$
      $F_L = 25$
      SLOPING SLAB-ON-GRADE
      $F_F = 35$
      F_L = N/A
      ELEVATED SLABS
      $F_F = 35$
      F_L = N/A
   B. CORRECT SLAB SURFACE IF COMPOSITE OVERALL VALUE IS LESS THAN SPECIFIED OR IF LOCAL VALUE IS LESS THAN 2/3 OF THE SPECIFIED F_F OR F_L NUMBERS.
   C. CORRECT BY REMOVAL AND REPLACEMENT OF DEFECTIVE WORK.
14. OWNER SHALL ENGAGE PARTY TO TEST F_F & F_L NUMBERS WITHIN 72 HOURS OF CASTING. CONTRACTORS MUST PROVIDE 10 DAYS NOTICE PRIOR TO CASTING CONCRETE SLAB-ON-GRADE SECTIONS.

CONCRETE TESTING:

1. CONCRETE TESTING SHALL BE PAID FOR BY THE OWNER. TESTING LABORATORY SHALL PERFORM THE FOLLOWING TEST ON CAST-IN-PLACE CONCRETE:
   A. ASTM C143 - "STANDARD TEST METHOD FOR SLUMP OF PORTLAND CEMENT CONCRETE."
   B. ASTM C39 - "STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMENS. A SEPARATE TEST SHALL BE CONDUCTED FOR EACH CLASS, FOR EVERY 50 CUBIC YARDS (OR FRACTION THEREOF), PLACED PER DAY. REQUIRED CYLINDER(S) QUANTITIES AND TEST AGE AS FOLLOWS:
      a. (1) AT 7 DAYS
      b. (2) AT 28 DAYS
      c. (1) ADDITIONAL RESERVE CYLINDER TO BE TESTED UNDER THE DIRECTION OF THE ENGINEER, IF REQUIRED. IF 28 DAY STRENGTH IS ACHIEVED, THE ADDITIONAL CYLINDER(S) MAY BE DISCARDED.
   C. TESTING SHALL BE BASED UPON CONCRETE TAKEN AT POINT OF PLACEMENT.
   D. IN ADDITION TO TYPICAL TESTING REQUIREMENTS, SLUMP AND AIR CONTENT SAMPLES SHALL BE TAKEN AT BEGINNING OF FIRST TRUCK PRIOR TO ANY PLACEMENT AND REPEATED AT THE MIDDLE OF FIRST TRUCK. CONCRETE PLACEMENT SHALL NOT START IF INITIAL TEST(S) FAIL AND SHALL NOT CONTINUE IF TEST TAKEN AT MIDDLE OF FIRST LOAD FAILS.
   E. IF ANY SLUMP OR AIR CONTENT FAILS DURING PLACEMENT, TESTS SHALL BE IMMEDIATELY REPORTED AND RETAKEN. IF RETAKEN TESTS FAIL THEN ALL SUBSEQUENT LOADS MUST BE TESTED AT ARRIVAL AND TEST MUST SHOW COMPLIANCE PRIOR TO THE CONCRETE IN THAT TRUCK BEING ALLOWED FOR USE ON PROJECT. ALL COSTS FOR ADDITIONAL TESTING SHALL BE COMPLETED AT NO EXPENSE TO THE OWNER.

POST INSTALLED ANCHORS AND REBAR:

1. ALL PERSONNEL INSTALLING POST-INSTALLED ANCHORS SHALL HAVE COMPLETED INSTALLATION TRAINING FROM THE MANUFACTURER FOR ALL OF THE ANCHORING PRODUCTS SPECIFIED. TRAINING MUST HAVE BEEN COMPLETED NO MORE THAN 5 YEARS FROM THE DATE OF PROJECT INITIATION. IF TRAINING HAS NOT BEEN COMPLETED OR IF TRAINING OCCURRED MORE THAN 5 YEARS BEFORE THE DATE OF PROJECT INITIATION, THE CONTRACTOR SHALL ARRANGE AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ON-SITE INSTALLATION TRAINING. CONTRACTOR SHALL SUBMIT DOCUMENT CONFIRMING THAT ALL PERSONNEL INSTALLING ANCHORS HAVE PASSED THE TRAINING COURSE PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.
2. ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED INTO CONCRETE THAT WILL SUPPORT SUSTAINED TENSION LOADS WILL BE MARKED WITH (SUSTAINED) ON THE DRAWINGS. PERSONNEL WHO WILL INSTALL THESE ANCHORS SHALL BE CERTIFIED BY THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM. CONTRACTOR SHALL SUBMIT A DOCUMENT CONFIRMING THAT PERSONNEL HAVE PASSED THE CERTIFICATION PROGRAM PRIOR TO INSTALLING ANCHORS.
3. ALL POST INSTALLED ANCHORS AND REBAR SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4. THE FOLLOWING CONDITIONS MUST BE MET FOR ALL ADHESIVE ANCHORS AND ADHESIVE ANCHORED REINFORCEMENT UNLESS WRITTEN APPROVAL IS RECEIVED FROM THE ENGINEER PRIOR TO INSTALLATION.
   A. DRY CONCRETE UNLESS NOTED OTHERWISE
   B. CONCRETE TEMPERATURE AT TIME OF INSTALLATION THROUGH CURE TIME MUST BE WITHIN THE TEMPERATURE RANGE SPECIFIED IN MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS. SEE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS FOR ADHESIVE GEL AND CURE TIMES.
   C. ANCHOR HOLES SHALL BE HAMMER DRILLED.
   D. ANCHOR HOLES TO BE CLEANED PER MANUFACTURER'S PRINTED INSTALLATION INSTRUCTION PRIOR TO ADHESIVE INJECTION.
   E. CONCRETE MUST BE AT LEAST 21 DAYS OLD BEFORE INSTALLATION OF ANCHORS.
5. THE LOCATION OF EXISTING REINFORCING STEEL BARS, POST-TENSIONED STEEL STRANDS, OR PRE-TENSIONED STEEL STRANDS SHALL BE ESTABLISHED PRIOR TO INSTALLING POST INSTALLED ANCHORS OR REINFORCEMENT. LOCATION SHALL BE ESTABLISHED BY USING A SCANNER, GPR, X-RAY, CHIPPING OR OTHER MEANS. EXISTING REINFORCEMENT OR STRAND SHALL NOT BE DAMAGED UNLESS PRIOR APPROVAL IS GIVEN BY THE ENGINEER.
6. ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS AND PRODUCT DATA SHOWING THAT THE SUBSTITUTED PRODUCT IS IN COMPLIANCE WITH THE RELEVANT BUILDING CODES, LOAD RESISTANCE, INSTALLATION CATEGORY, CREEP, IN-SERVICE TEMPERATURE AND INSTALLATION TEMPERATURE OF THE SPECIFIED PRODUCT.

POST INSTALLED ANCHORS & REBAR

ANCHOR TYPE	PRODUCT	REMARKS
ADHESIVE ANCHORS / REBAR IN CONC	HILTI HIT - HY 200 V3 SIMPSON AT-XP DEWALT AC200+	---
ADHESIVE ANCHORS / REBAR IN CONC W/ > 12" EMBEDMENT	HILTI HIT - RE 500 V3 SIMPSON SET-3G DEWALT PURE220+	---
ADHESIVE ANCHORS / REBAR IN GROUT FOR HOLLOW MASONRY	HILTI HIT - HY 270 SIMPSON SET-XP DEWALT AC100+ GOLD	PROVIDE MANUFACTURER'S RECOMMENDED SCREEN TUBES IN HOLLOW MASONRY
EXPANSION ANCHORS IN CONC	HILTI KWIK BOLT TZ SIMPSON STRONG BOLT 2 DEWALT POWER-STUD+ SD2	---
EXPANSION ANCHORS IN GROUTED MASONRY	HILTI KWIK BOLT 3 SIMPSON STRONG BOLT 2 DEWALT POWER-STUD+ SD1	---
SCREW ANCHORS IN CONC OR GROUTED MASONRY	SIMPSON TITEN HD DEWALT SCREW-BOLT+	---

ANCHOR RODS:

1. SHALL BE ASTM F1554, GR. 36 ROD WITH THREADED ENDS. PROVIDE HOT DIP GALVANIZE FINISH ON ALL ANCHOR BOLTS PERMANENTLY EXPOSED TO EXTERIOR OR IN CONTACT WITH PRESSURE TREATED LUMBER.
2. THREADED ROD EMBEDMENT DEPTH SPECIFIED IN THE DRAWINGS SHALL BE FROM TOP OF CONCRETE TO TOP OF DOUBLE NUT.

SPECIAL INSPECTION AND TESTING:

1. SEE DETAILED INSPECTION AND TESTING REQUIREMENTS AS INDICATED ON SHEET S0-03

STRUCTURAL STEEL:

1. STEEL SHALL CONFORM TO ASTM A992 (Fy=50 KSI) FOR ALL W-SHAPES, AND ASTM A36 (Fy=36 KSI) FOR ALL OTHER MISCELLANEOUS SHAPES AND PLATES. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE C (Fy=50 KSI). STRUCTURAL PIPE SHALL CONFORM TO ASTM A53, GRADE B, TYPE "E" OR "S" (Fy=35 KSI).
2. STEEL SHALL CONFORM TO THE LATEST EDITION OF AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS.
3. ALL SHOP CONNECTIONS TO BE WELDED (UTILIZING E70XX ELECTRODES) AND FIELD CONNECTIONS TO BE BOLTED, UNLESS NOTED OTHERWISE. STEEL TO RECEIVE ONE SHOP COAT AND ONE FIELD TOUCH UP COAT OF APPROVED PAINT, EXCEPT WHERE GALVANIZED IS INDICATED ON THE DRAWINGS.
4. WELDS FOR ALL EXPOSED STRUCTURAL STEEL SHALL BE GROUND SMOOTH UNLESS NOTED OTHERWISE.
5. ALL BOLTED CONNECTIONS SHALL CONSIST OF 3/4" DIA. (MIN.) ASTM F3125 GRADE F1852 (A325-TC) BOLTS, UNLESS NOTED OTHERWISE.
   A. FAILURE OF A BOLT OR NUT DURING INSTALLATION PROCESS RESULTING IN A CRACK IN THE BOLT OR NUT SHALL BE GROUNDS FOR REJECTION OF ALL THE FAILED BOLTS OR NUTS COMING FROM THE SAME LOT. IF THE DOCUMENTATION OF THE LOT OF ORIGIN FOR THE FAILED NUT(S) OR BOLT(S) DOES NOT EXIST, OR IS NOT PROVIDED, THEN ALL OF THE BOLT(S) OR NUT(S) SHALL BE ASSUMED TO COME FROM THE LOT CONTAINING THE FAILED NUT(S) OR BOLT(S).
6. CONTRACTOR SHALL MAINTAIN ERECTION TOLERANCES OF STRUCTURAL STEEL AND ARCHITECTURALLY EXPOSED STRUCTURAL STEEL WITHIN AISC'S CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
7. ANCHOR BOLT HOLES IN STRUCTURAL STEEL SHALL BE OVERSIZED PER THE AISC MANUAL.

SYMBOLS LEGEND

SHX	HSS 4X4X1/4 24" X 24" CONC PIER TOP 102' - 6"		A / A	
SHEAR WALL INDICATOR	COLUMN & PIER TAG INDICATOR		STEP TOP OF FOOTING IDENTIFIER	CUT SECTION INDICATOR
TRUE NORTH / N	REF - / --- REF - / ---			
PLAN NORTH ORIENTED 90° TO THE SHEET W/ MAGNETIC NORTH (OPTIONAL)	MATCH LINE INDICATOR			ELEVATION INDICATOR
HSS 4X4X1/4	1	F1 / A	W--X-- / (XXX-XX") / B1	PC SPAN
COLUMN INDICATOR(S)	REVISION SYMBOL	FOOTING/PIER IDENTIFIER	BEAM INDICATOR(S)	PC SPAN IDENTIFIER
20GA TYPE 'W3' MTL DECK		XN / XXNNN	XN / XXNNN	XN / XXNNN
DECK INDICATOR			EXT ELEVATION INDICATOR	DETAIL BUBBLE INDICATOR
C1	S / J / C			
COLUMN/FND GRID INDICATOR	SLAB CONTROL JT & CONSTRUCTION JT INDICATOR	SECTION INDICATOR	ELEVATION INDICATOR	
XN	SCALE: FULL 0" 1/2" 1" 2"			
DETAIL/SECTION/PLAN BLOCK TITLE INDICATOR				
Hx	C1	MC-X	R1	X
HOLDOWN INDICATOR	CORNER REINF INDICATOR	MASONRY PIER INDICATOR	WALL REINFORCING INDICATOR	KEYNOTE IDENTIFIER
5:12	HX / MLX		R1	
SLOPE INDICATOR	HEADER OR MASONRY LINTEL INDICATOR	MOMENT INDICATOR	RAFTER INDICATOR	ROOF SLOPE INDICATOR
		xx"	CONT	
WORK POINT INDICATOR	ASTERISK INDICATOR	STEP INDICATOR	CONTINUOUS BEAM INDICATOR	STEP TOP OF WALL INDICATOR

STRUCTURAL HATCH PATTERNS

| |

STRUCTURAL GENERAL NOTES (CONTINUED)

STEEL ROOF DECK:

1. STEEL ROOF DECK SHALL BE AS INDICATED ON PLAN AND SHALL CONFORM TO THE PROVISIONS OF THE STEEL DECK INSTITUTE (SDI) SPECIFICATIONS FOR STEEL ROOF DECK.
2. STEEL ROOF DECKS ARE DESIGNED AS HORIZONTAL DIAPHRAGMS AND SHALL BE ATTACHED TO SUPPORTS IN SDI PATTERNS AS INDICATED ON THE DRAWINGS.
3. DECKING SHALL HAVE MINIMUM OF (3) SPANS.
4. DECKING SHALL BE PROVIDED WITH MANUFACTURER'S STANDARD SHOP APPLIED PRIMER FINISH.
5. SHEET STEEL FOR DECK SHALL CONFORM TO ASTM A1008 WITH A MINIMUM YIELD STRENGTH OF 50 KSI

COLD FORMED LIGHT GAUGE STRUCTURAL STEEL:

1. STEEL STUD, TRACK, AND LINTEL MEMBERS SHALL BE OF THE TYPE SHOWN ON THE DRAWINGS AND IN THE SPECIFICATIONS AND SHALL CONFORM TO ASTM A653 STRUCTURAL QUALITY GRADE 33 FOR 18 GAUGE THICKNESS OR LESS, AND ASTM A653 STRUCTURAL QUALITY GRADE 50, CLASS 1 FOR 16 GAUGE OR GREATER. MEMBERS SHALL HAVE HOT DIPPED GALVANIZED COATING CONFORMING TO ASTM A924, CLASS G60.
2. METAL STUD AND JOIST MEMBERS SHALL BE AS INDICATED IN THE STRUCTURAL DRAWINGS. MEMBERS HAVE BEEN SPECIFIED USING STANDARD AISI NOMENCLATURE FOR STUDS AND JOISTS.
3. ALL FRAMING MEMBERS SHALL BE CUT SQUARELY OR AT AN ANGLE AS REQUIRED TO FIT SQUARELY AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD FIRMLY IN PLACE UNTIL PROPERLY JOINED.
4. JOINING OF STRUCTURAL MEMBERS SHALL BE MADE WITH SELF-DRILLING SCREWS OR WELDED. WIRE TYING OF FRAMING MEMBERS IN STRUCTURAL APPLICATIONS SHALL NOT BE PERMITTED.
5. ATTACHMENT OF COLLATERAL MATERIALS TO STEEL MEMBERS SHALL BE MADE WITH SELF-DRILLING SCREWS OR HARDENED SCREW SHANK NAILS. METAL LATH MAY ALSO BE CONNECTED TO STEEL BY STAPLES OR OTHER FASTENERS, IF APPROVED BY LOCAL BUILDING CODES.
6. STUDS SHALL SIT SQUARELY IN THE TOP AND BOTTOM RUNNER TRACK WITH ABUTMENT AGAINST TRACK WEBS. STUDS SHALL BE ALIGNED OR PLUMBED AND SECURELY FASTENED TO THE FLANGES OF BOTH TOP AND BOTTOM RUNNER TRACKS.
7. VERTICAL SLIP CONNECTORS TO ALLOW THE VERTICAL MOVEMENT OF THE SUPPORTING STRUCTURE RELATIVE TO THE STUD SHALL BE VERTICLIP SLAB CONNECTORS OR APPROVED EQUAL. CONNECTOR MANUFACTURER RESPONSIBLE FOR PROVIDING DOCUMENTATION THAT CONNECTOR HAS ADEQUATE CAPACITY FOR INSTALLATIONS IN WHICH THEY ARE TO BE INSTALLED, AS WELL AS SPECIFYING THE CONNECTION OF THEIR CONNECTOR TO BOTH THE METAL STUD AND SUPPORTING STRUCTURE.
8. FOR ALL HEADER JAMBS, FASTEN JACK & KING PLIES TOGETHER W/ (2) ROWS #8 SCREWS @ 12" OC ENTIRE HEIGHT (USE VERTICAL TRACKS FOR FASTENING TOGETHER AS REQUIRED).

WOOD SHEATHING:

1. APA SPAN RATED ROOF, FLOOR AND WALL SHEATHING ARE DESIGNED AS DIAPHRAGMS AND SHALL COMPLY WITH APPLICABLE PROVISIONS OF CHAPTER 23 OF THE INTERNATIONAL BUILDING CODE.
2. SHEATHING SHALL BE FASTENED IN ACCORDANCE WITH PLANS SHOWN, SPECIAL NAILING REQUIREMENTS, AND WITH THE APPROPRIATE SCHEDULE IN CHAPTER 23, UNLESS NOTED OTHERWISE.
3. IN GENERAL, SHEETS SHALL BE 4'-0" X 8'-0" AND SHALL BE LAID WITH FACE PLIES ACROSS FRAMING MEMBERS AND WITH END JOINTS STAGGERED 4'-0". NO PANEL SHALL BE USED WHICH IS LESS THAN 24" IN WIDTH ON FLOORS AND ROOFS. SHEATHING SHALL BE CONTINUOUS ACROSS 2 SPANS, MINIMUM.

PRE-ENGINEERED METAL BUILDING:

1. THE PRE-ENGINEERED METAL BUILDING SHALL CONSIST OF ALL STRUCTURAL ITEMS INCLUDING ROOF DECK, WALL PANELS, FLOOR FRAMING, FLOOR AND ROOF DECKING, SUPPORT STEEL FRAMING AND ALL ASSOCIATED ITEMS. SEE ARCHITECTURAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION IN PARTICULAR FOR NON-STRUCTURAL ITEMS.
2. THE SYSTEM SHALL BE DESIGNED AND DETAILED BY THE MANUFACTURER TO SUSTAIN THE DESIGN LOADS SPECIFIED. THE DESIGN SHALL BE IN ACCORDANCE TO AISC AND AISI SPECIFICATIONS AND MBMA "METAL BUILDING SYSTEMS MANUAL" DESIGN PRACTICES, LATEST ISSUES.
3. ANCHOR BOLT SPACING REQUIREMENTS:
   A. ALL BOLTS TO BE SPACED NO CLOSER THAN 6 1/4" OC FOR 1 1/4" ø & 5" OC FOR 1" ø & 4" OC -3/4" ø.
   B. ALL ANCHOR BOLTS TO BE SPACED NO CLOSER THAN 5" FROM CENTERLINE OF BOLT TO EDGE OF CONCRETE WALL OR PIER.
4. ROOF X-BRACING LOCATIONS TO BE DETERMINED BY PEMB MANUFACTURER. X-BRACING MUST BE BELOW LINER PANELS IN ALL LOCATIONS.
5. ALL PEMB MEMBERS (MAIN & SECONDARY) WHICH MUST PASS THRU LINER PANELS (I.E. BRACES, ETC.) MUST BE INSTALLED IN SUCH A WAY THAT LINER PANELS WILL HAVE ONLY A MINIMAL HOLE CUT AROUND PENETRATIONS. LINER PANELS PIECED AROUND PENETRATIONS ARE NOT ACCEPTABLE.
6. THE MANUFACTURER SHALL BE REGULARLY ENGAGED IN METAL BUILDING DESIGN AND MANUFACTURING. MANUFACTURER MUST BE IAS AC472 ACCREDITED.
7. ALL COLUMNS SHALL BE DESIGNED AS UNBRACED BY THE MASONRY. LONGITUDINAL WIND BRACING SHALL BE DESIGNED TO TRANSFER LOADS TO THE LOW SIDE MASONRY WALLS.
8. SHOP DRAWINGS AND A LETTER OF CERTIFICATION SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS SHALL BEAR THE SIGNATURE AND SEAL OF A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE IN WHICH THE PROJECT IS LOCATED. SHOP DRAWINGS SHALL INDICATE THE DESIGN LOADS AND JOB NAME AND NUMBER. THEY SHALL INCLUDE DRAWINGS OF THE FRAMING MEMBERS WITH THE CONNECTIONS, THE ANCHOR BOLT PLAN AND REACTIONS. STANDARD CUT SHEETS OF THE ABOVE ARE NOT ACCEPTABLE. STANDARD CUT SHEETS MAY BE SUBMITTED FOR SECONDARY FRAMING CONNECTION DETAILS, FLASHING AND SHEETING DETAILS, ETC.
9. STEEL COMPONENTS AND CONNECTIONS WITHIN THE PEMB SYSTEM SHALL BE INSPECTED / TESTED BY A THIRD-PARTY TESTING COMPANY EXPERIENCED IN PERFORMING INSPECTIONS / TESTING FOR STEEL BUILDINGS. INSPECTIONS AND TESTING SHALL BE IN ACCORDANCE WITH THE STRUCTURAL STEEL IBC TESTING AND INSPECTION SCHEDULES PROVIDED. REPORTS OF THE INSPECTIONS / TESTING SHALL BE PROVIDED TO THE PEMB MANUFACTURER FOR REVIEW WITHIN 48 HOURS OF THE INSPECTIONS OR TESTS.
10. PRIOR TO CONSTRUCTION, ALL PIERS AND FOOTING SUPPORTING PEMB FRAMING WILL NEED TO BE VERIFIED BASED ON PEMB SHOP DRAWINGS. SHOP DRAWINGS MUST SHOW COLUMN LOCATIONS, ANCHOR BOLT SIZES AND LOCATIONS, AND REACTIONS AT EACH COLUMN LOCATION. ANY ADJUSTMENTS TO PIER SIZES, PIER LOCATIONS, ANCHOR BOLT SIZES, ANCHOR BOLT EMBEDMENT, OR FOOTING SIZE NECESSARY IN THE OPINION OF ALBERTSON ENGINEERING INC TO ACCOMMODATE THE PEMB WILL BE AT THE COST OF THE GENERAL CONTRACTOR.

DELEGATED DESIGN - RESPONSIBILITIES AND SUBMITTAL REQUIREMENTS FOR CONTRACTOR:

1. IF PROFESSIONAL DESIGN SERVICES OR CERTIFICATIONS BY A DESIGN PROFESSIONAL RELATED TO SYSTEMS, MATERIALS, OR EQUIPMENT ARE SPECIFICALLY REQUIRED OF THE CONTRACTOR BY THE CONTRACT DOCUMENTS; THE ARCHITECT AND/OR ALBERTSON ENGINEERING, INC. WILL SPECIFY THE PERFORMANCE AND DESIGN CRITERIA THAT SUCH SERVICES MUST SATISFY WITHIN THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL BE ENTITLED TO RELY UPON THE ADEQUACY AND ACCURACY OF THE PERFORMANCE AND DESIGN CRITERIA PROVIDED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL CAUSE SUCH SERVICES OR CERTIFICATIONS TO BE PROVIDED BY AN APPROPRIATELY LICENSED DESIGN PROFESSIONAL"SPECIALTY ENGINEER", WHOSE SIGNATURE AND SEAL SHALL APPEAR ON ALL DRAWINGS, CALCULATIONS, SPECIFICATIONS, CERTIFICATIONS, SHOP DRAWINGS, AND OTHER SUBMITTALS PREPARED BY THE "SPECIALTY ENGINEER".
3. SHOP DRAWINGS AND OTHER SUBMITTALS RELATED TO THE WORK, DESIGNED OR CERTIFIED BY THE "SPECIALTY ENGINEER" SHALL BEAR THE "SPECIALTY ENGINEER'S" WRITTEN APPROVAL AND CONFIRMATION THAT SUCH WORK COMPLIES WITH ALL APPLICABLE CODES AND THE DESIGN CRITERIA WHEN SUBMITTED TO THE ARCHITECT AND/OR ALBERTSON ENGINEERING, INC.
4. THE OWNER, ARCHITECT, AND ALBERTSON ENGINEERING, INC. SHALL BE ENTITLED TO RELY UPON THE ADEQUACY AND ACCURACY OF THE SERVICES, CERTIFICATIONS, AND APPROVALS PERFORMED OR PROVIDED BY SUCH DESIGN PROFESSIONALS, PROVIDED THE CONTRACT DOCUMENTS HAVE SPECIFIED TO THE CONTRACTOR THE PERFORMANCE AND DESIGN CRITERIA THAT SUCH SERVICES MUST SATISFY.
5. ARCHITECT AND/OR ALBERTSON ENGINEERING, INC. WILL REVIEW OR TAKE OTHER APPROPRIATE ACTION ON SUBMITTALS ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH INFORMATION GIVEN AND THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS.
6. ALL SHOP DRAWINGS SUBMITTED FOR APPROVAL FOR WHICH PROFESSIONAL DESIGN SERVICES OR CERTIFICATIONS BY A DESIGN PROFESSIONAL ARE REQUIRED RELATED TO SYSTEMS, MATERIALS, OR EQUIPMENT ARE TO BE COMPLETED TO A LEVEL SUCH THAT THE OWNER, ARCHITECT, AND ALBERTSON ENGINEERING, INC. SHALL BE ENTITLED TO RELY UPON THE ADEQUACY AND ACCURACY OF THE SERVICES, CERTIFICATIONS, AND APPROVALS SUBMITTED. THE "SPECIALTY ENGINEER" SHALL COMPLETE WORK WITH ACCEPTANCE THAT ALBERTSON ENGINEERING, INC. WILL NOT UNDERTAKE A REVIEW OF THE "SPECIALTY ENGINEER'S" CALCULATIONS AND SUBMITTALS AND THE "SPECIALTY ENGINEER" ACKNOWLEDGES THAT THEY ARE SOLELY RESPONSIBLE FOR THE DELEGATED DESIGN WORK CERTIFIED BELOW AND ARE NOT RELYING UPON ALBERTSON ENGINEERING, INC. FOR ANY REVIEW.

   THESE PROVISIONS ARE CONTRACTED REQUIREMENTS FOR SAID PROJECT AND THE "SPECIALTY ENGINEER" IS BOUND BY THESE PROVISIONS.
7. DELEGATED DESIGN ITEMS INCLUDE:
   A. PRE-ENGINEERED METAL BUILDING.
   B. NON-STRUCTURAL COMPONENTS OF THE EXTERIOR WALL SYSTEM SUCH AS Z-FURRING, MASONRY VENEER ANCHORS, METAL PANELS, AND THEIR CONNECTIONS.
   C. SUPPORT OF NON-STRUCTURAL ITEMS FROM ROOF FRAMING.

CAD FILE REQUEST FORM

1. CAD files of plan sheets will be provided to _____(contractor's name), herein referred to as CONTRACTOR, following receipt of this signed CAD file request form.
2. In using RESPEC's CAD files, the CONTRACTOR shall acknowledge the following:
   a. While digital CAD data may appear to be accurate, the CAD files being transferred for CONTRACTOR use have been developed for RESPEC's internal use. If questions or discrepancies are noted, please discuss with RESPEC's team members and ask specific questions about portions affecting CONTRACTOR's work.
   b. It is of critical importance to realize that RESPEC's current expression of project intent is contained in the paper or PDF document it produces and issues. The user of RESPEC's CAD data is to assume, unless specifically directed otherwise, that graphic notations, dimensions, and specifications contained in paper or PDF documentation issued by RESPEC supersede computer data. As a CAD file user, CONTRACTOR is to carefully review all current and subsequent project documentation (paper or computer) to identify inconsistencies and revisions and to make all corrections and revisions to CAD data which affect CONTRACTOR work.
   c. Translation of CAD data from one computer system to another can and often will result in the loss of data. RESPEC does not guarantee the data we produce will work on any system, but we will work with the CONTRACTOR to the extent practical to assist CONTRACTOR in making use of the data.
   d. CONTRACTOR must bear responsibility for the correctness of all measurements, dimensions, inventories, areas, etc. extracted from these files.
   e. If CONTRACTOR forwards CAD data to a subcontractor, CONTRACTOR agrees that their subcontractor's use of CAD data shall result in no liability to RESPEC, and that their subcontractor's use of CAD data is also subject to all terms herein.

RESPEC's project team will help CONTRACTOR resolve any coordination issues which are brought to our attention. Please sign and return a copy of this CAD file request for our records.

Requested CAD Files (sheet numbers)_____

Signature & Date_____

Company Name_____

MOST COMMONLY USED STRUCTURAL ABBREVIATIONS

** NOT LISTED IN THE NCS MANUAL

SYMBOLS USED AS ABBREVIATIONS:		**BOC	BOTTOM OF CONCRETE	DIM	DIMENSION	FT	FOOT, FEET	**KCJ	KEYED CONSTRUCTION JOINT	NA	NOT APPLICABLE	REINF	REINFORCE (D), (ING)	THRU	THROUGH	(X)----------	
&	AND	**BOF	BOTTOM OF FOOTING	DIR	DIRECTION	FTG	FOOTING	KIP	THOUSAND POUND	NIC	NOT IN CONTRACT	REQ	REQUIRE	**TL	TOTAL LOAD	XPS	EXTRUDED POLYSTYRENE
L	ANGLE	BRG	BEARING	DIV	DIVIDE, DIVISION	FRMG	FRAMING	KLF	KIPS PER LINEAR FOOT	NO	NUMBER	REQD	REQUIRED	TO	TOP OF	(Y)----------	
LL	DOUBLE ANGLE	**BRK	BRICK	**DKG	DECKING	FUT	FUTURE	KSF	KIPS PER SQUARE FOOT	NOM	NOMINAL	REV	REVISION (S), REVISED	TOB	TOP OF BEAM	YD	YARD
@	AT	BSMT	BASEMENT	DL	DEAD LOAD	**FV	FIELD VERIFY	KSI	KIPS PER SQUARE INCH	NS	NEAR SIDE	RO	ROUGH OPENING	TOC	TOP OF CONCRETE		
CL ℄ ℄	CENTER LINE	BTWN	BETWEEN	DOUG FIR	DOUGLAS FIR	(G)----------		(L)----------		NTS	NOT TO SCALE	RS	ROUGH SAWN	TOF	TOP OF FOOTING		
//	PARALLEL	BU	BUILT-UP	DR	DRAIN	GA	GAGE, GAUGE	L	ANGLE	(O)----------		RVS	REVERSE (SIDE)	TOM	TOP OF MASONRY		
d	PENNY (NAIL)	(C)----------		DT	DRAIN TILE	GALV	GALVANIZED	LAM	LAMINATE (ED)	OC	ON CENTER	(S)----------		TOP	TOP OF PIER		
⊥	PERPENDICULAR	C	CHANNEL	DWG	DRAWING (S)	GC	GENERAL CONTRACTOR	*LB	POUND	OD	OUTSIDE DIAMETER	SCHED	SCHEDULE	TO PAR	TOP OF PARAPET		
PL	PLATE	CAM*(C=)	CAMBER	(E)----------		*GL	GLUE LAMINATED (BEAM)	LF	LINEAR FEET	OH DR	OVERHEAD DOOR	SECT	SECTION	TOS	TOP OF STEEL, SLAB		
#	POUND OR NUMBER	CB	CARRIAGE BOLT	**(E)	EXISTING (SEE EXIST)	GLU LAM	GLUE LAMINATED (BEAM)	*LGR	LEDGER	OPNG	OPENING	SHT	SHEET	TO SHTHG	TOP OF SHEATHING		
Ø	ROUND OR DIAMETER	CU FT	CUBIC FEET OR FOOT	EA	EACH	GR BM	GRADE BEAM	LL	LIVE LOAD	OPP	OPPOSITE	SHTHG	SHEATHING	TO SUB FL	TOP OF SUBFLOOR		
ABBREVIATIONS:		CHFR	CHAMFER	**EAB	EPOXY ANCHOR BOLT	GRTG	GRATING	LLH	LONG LEG HORIZONTAL	**OSB	ORIENTED STRAND BOARD	SIM	SIMILAR	TOW	TOP OF WALL		
(A)----------		CIP	CAST-IN-PLACE	EF	EACH FACE	GYP	GYPSUM	LLV	LONG LEG VERTICAL	**OVS	OVERSIZED	**SL	SNOW LOAD	**TRANS	TRANSVERSE		
A/E	ARCHITECT/ENGINEER	**CIPC	CAST-IN-PLACE CONCRETE	EJ	EXPANSION JOINT	GYP BD	GYPSUM BOARD	LOC	LOCATION	(P)----------		SLNT	SEALANT	TRTD	TREATED		
AB	ANCHOR BOLT/ROD	CJ	CONTROL JOINT	EL	ELEVATION	(H)----------		LONG	LONGITUDINAL	**PAF	POWDER ACTUATED	SLV	SLEEVE	TS	TUBE STEEL		
ABV	ABOVE	CL	CENTER LINE	**EMB	EMBED (ED)	H	HIGH	**LSL	LAMINATED STRAND LUMBER		FASTENER	**SOG	SLAB-ON-GRADE	TYP	TYPICAL		
ADDL	ADDITIONAL	CLG	CEILING	EPS	EXPANDED POLYSTYRENE	**HAB	HEADED ANCHOR BOLT	LT WT	LIGHTWEIGHT	PAR	PARALLEL	SPEC	SPECIFICATION (S)	(U)----------			
ADDM	ADDENDUM	CLR	CLEAR, CLEARANCE	EQ	EQUAL	**HAS	HEADED ANCHOR STUD	**LVL	LAMINATED VENEER LUMBER	PCF	POUNDS PER CUBIC FOOT	SQ	SQUARE	UNO	UNLESS NOTED OTHERWISE		
ADH	ADHESIVE	CMU	CONCRETE MASONRY UNIT	EQUIP	EQUIPMENT	HC	HOLLOW CORE	LVR	LOUVER	PED	PEDESTAL	**SSL	SHORT SLOTTED (HOLE)	(V)----------			
ADJ	ADJUSTABLE, ADJACENT, ADJOINING	COL	COLUMN	EST	ESTIMATE	HDR	HEADER	(M)----------		PERF	PERFORATED	**SSLT	SHORT SLOTTED (HOLE) TRANSVERSE	**V	SHEAR		
		CONC	CONCRETE	EW	EACH WAY	HGR	HANGER	MACH	MACHINE	PERP	PERPENDICULAR			VERT	VERTICAL		
AFF	ABOVE FINISH FLOOR	CONN	CONNECT (ION)	EXIST	EXISTING	HORIZ	HORIZONTAL	MB	MACHINE BOLT	PL	PLATE	SST	STAINLESS STEEL	VIF	VERIFY IN FIELD		
AGGR	AGGREGATE	CONSTR	CONSTRUCTION	EXP	EXPANSION, EXPOSED	HS	HIGH STRENGTH	MATL	MATERIAL	PLF	POUNDS PER LINEAR FOOT	STD	STANDARD	VR	VAPOR RETARDER		
AHR	ANCHOR, ANCHORAGE	CONT	CONTINUOUS, CONTINUE	EXP BT	EXPANSION BOLT	**HSB	HIGH STRENGTH BOLT	MAX	MAXIMUM	PLYWD	PLYWOOD	STIF	STIFFENER	VRFY	VERIFY		
ALT	ALTERNATE	CONTR	CONTRACT (OR)	EXT	EXTERIOR, EXTERNAL	**HSS	HOLLOW STRUCTURAL SHAPE	MBR	MEMBER	PNL	PANEL	STL	STEEL	(W)----------			
APPROX	APPROXIMATE	COORD	COORDINATE	(F)----------		HT	HEIGHT	**MC	MISCELLANEOUS CHANNEL	PR	PAIR, PIPE RAIL	STRUCT	STRUCTURAL	W	WIDTH		
**AR	ANCHOR ROD	CTR	CENTER	FD	FLOOR DRAIN	(I)----------		MECH	MECHANICAL	PRCST	PRECAST CONCRETE	SUB FL	SUBFLOOR	W/	WITH		
ARCH	ARCHITECT (URAL)	CU	CUBIC	**FND	FOUNDATION	ID	INSIDE DIAMETER	MEZZ	MEZZANINE	PREFAB	PREFABRICATE	SUSP	SUSPENDED	W/O	WITHOUT		
(B)----------		CU YD	CUBIC YARD	FF EL	FINISH FLOOR ELEVATION	INCL	INCLUDE (D), INCLUDING	MFD	MANUFACTURED	PSF	POUNDS PER SQUARE FOOT	**SW	SHEAR WALL	**WA	WEDGE ANCHOR		
BEV	BEVELED	(D)----------		FIN	FINISH (ED)	INFO	INFORMATION	MFR	MANUFACTURER	PSI	POUNDS PER SQUARE INCH	SYMM	SYMMETRY, SYMMETRICAL	WD	WOOD		
BFF	BELOW FINISH FLOOR	D	DEEP, DEPTH, PENNY (NAIL)	FLG	FLANGE	INSUL	INSULATE (D), INSULATION	MFR REC	MANUFACTURER'S RECOMMENDATION	**PSL	PARALLEL STRAND LUMBER	(T)----------		WF (W)	WIDE FLANGE		
**BL	BRICK LEDGE	DBL	DOUBLE	FLR	FILLER, FLOOR (ING)	INT	INTERIOR			PT	POST TENSION (ED), PRESSURE TREATED	T	TREAD	WL	WIND LOAD		
BLDG	BUILDING	DEMO	DEMOLITION, DEMOLISH	**FO	FACE OF	INV EL	INVERT ELEVATION	MIN	MINIMUM			T&B	TOP AND BOTTOM	WLD	WELD (ED)		
BLW	BELOW	DET	DETAIL	FOC	FACE OF CONCRETE	(J)----------		MISC	MISCELLANEOUS	PVC	POLYVINYL CHLORIDE	T&G	TONGUE AND GROOVE	WP	WATERPROOFING, WORKING		
**BLK	BLOCK (ING)	DIA	DIAMETER	FOM	FACE OF MASONRY	**JST	JOIST	MTL	METAL	(R)----------		**TBD	TO BE DETERMINED		POINT		
BM	BEAM	DIAG	DIAGONAL, DIAGRAM	FOS	FACE OF STUD	**JT	JOINT			R	RADIUS/RISE (R)	**TOK	TOP CHORD EXTENSION	**WS	WALL STEP		
BOT	BOTTOM			**FOW	FACE OF WALL	(K)----------		(N)----------		RCP	REINFORCED CONCRETE PIPE	THD	THREAD (ED) (S)	WT	WEIGHT		
**BO	BOTTOM OF			FS	FAR SIDE	K	THOUSAND (KIP)	**(N)	NEW	REF	REFERENCE	THK	THICKNESS	WWR	WELDED WIRE REINFORCEMENT		

BRUNTON

MINNEAPOLIS
Suite 106
7525 Wayzata Blvd
Minneapolis, MN 55426

MANKATO
507.345-7996
225 Belgrade Ave.
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:
Albertson Engineering Inc.
a division of RESPEC
605.343.9606 www.albertsonengineering.com

Project:
ECOTOURISM VISITORS CENTER
8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.: F0110.26003 | Date: 11/2/2026
Drawn: MDR/GJH | Checked: LGF
Project Manager: LGF
Project Status: FOR CONSTRUCTION

Sheet Title:
STRUCTURAL GENERAL NOTES (CONTINUED)

Sheet No.:
S0-02

11/2/2026 2:00:54 PM

IBC 2024 TABLE 1705.3 REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD[a]	IBC REFERENCE	REQUIRED ON PROJECT
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	-	X	ACI 318 CH 20, 25.2, 25.3, 26.6.1-26.6.3	-	YES
2. REINFORCING BAR WELDING: A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	-	X	AWS D1.4, ACI 318: 26.13.1.4	-	NO
B. INSPECT WELDING OF REINFORCEMENT FOR SPECIAL MOMENT FRAMES, BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS AND COUPLING BEAMS.	X	-	AWS D1.4, ACI 318: 26.13.3	-	NO
C. INSPECT WELDED REINFORCEMENT SPLICES.	X	-		-	NO
D. INSPECT WELDING OF PRIMARY TENSION REINFORCEMENT IN CORBELS.	X	-		-	NO
E. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16".	-	X	AWS D1.4, ACI 318: 26.13.3	-	NO
F. INSPECT ALL OTHER WELDS	-	X		-	NO
3. INSPECT ANCHORS CAST IN CONCRETE.	-	X	ACI 318: 26.13.3.3	-	YES
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.[b] A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	-	ACI 318: 17.8.2.4, ACI 318: 17.8.2	-	NO
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4A.	-	X		-	YES
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2	YES
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C172, ASTM C31, ACI 318: 26.5, 26.12	-	YES
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	-	ACI 318: 26.5		YES
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 26.5.3-26.5.5		YES
9. INSPECT OF PRESTRESSED CONCRETE FOR:					
A. APPLICATION OF PRESTRESSING FORCES.	X	-	ACI 318: 26.10	-	NO
B. GROUTING OF BONDED PRESTRESSING TENDONS.	X	-		-	NO
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	ACI 318: CH. 26.9	-	YES
11. FOR PRECAST CONCRETE DIAPHRAGM CONNECTIONS OR REINFORCEMENT AT JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY ELEMENTS (MDE OR HDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F, INSPECT SUCH CONNECTIONS AND REINFORCEMENT IN THE FIELD FOR:			ACI 318: 26.13.1.3	-	NO
A. INSTALLATION OF EMBEDDED PARTS.	X	-		-	NO
B. COMPLETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOINTS.	X	-	ACI 550.5	-	NO
C. COMPLETION OF CONNECTIONS IN THE FIELD.	X	-		-	NO
12. INSPECT INSTALLATION TOLERANCES OF PRECAST CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5.	-	X	ACI 318: 26.13.1.3	-	NO
13. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 26.11.2	-	NO
14. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 26.11.1.2(b)	-	YES

a. WHERE APPLICABLE, SEE SECTION 1705.13.

b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 26.13 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

MATERIAL TESTS.
IN THE ABSENCE OF SUFFICIENT DATA OR DOCUMENTATION PROVIDING EVIDENCE OF CONFORMANCE TO QUALITY STANDARDS FOR MATERIALS IN CHAPTERS 19 AND 20 OF ACI 318, THE BUILDING OFFICIAL SHALL REQUIRE TESTING OF MATERIALS IN ACCORDANCE WITH THE APPROPRIATE STANDARDS AND CRITERIA FOR THE MATERIAL IN CHAPTERS 19 AND 20 OF ACI 318.

SPECIAL INSPECTION AND TESTING:

1. SPECIAL INSPECTION AND MINIMUM TESTING SHALL BE PERFORMED IN ACCORDANCE WITH 2024 IBC AND ALL REFERENCED MATERIALS AND TABLES.
2. INSPECTION SHALL BE PROVIDED BY AN INDEPENDENT TESTING AGENCY HIRED AT THE OWNER'S EXPENSE. AGENCY INSPECTION PERSONNEL SHALL MEET THE INSPECTOR QUALIFICATIONS FOR EACH MATERIAL ITEM AS INDICATED IN THE SPECIFICATIONS.
3. ANY MATERIAL OR PLACEMENT DEVIATIONS FROM MINIMUMS SHOWN ON THE DRAWINGS OR IN SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. IN ADDITION TO THE IBC INSPECTION TABLES, THE INSPECTOR SHALL VERIFY THAT ALL STEEL MAINTAIN ERECTION TOLERANCES OF STRUCTURAL STEEL AND ARCHITECTURALLY EXPOSED STRUCTURAL STEEL WITHIN AISC'S CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
5. IN ADDITION TO THE CONCRETE IBC INSPECTION TABLES, THE INSPECTOR SHALL VERIFY THAT ALL CONCRETE MAINTAIN TOLERANCES SPECIFIED IN ACI 117-10 STANDARD SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS.
6. TESTING - ANY FAILED FIELD TEST SHALL BE REPORTED TO ALBERTSON ENGINEERING INC IMMEDIATELY.

STANDARD FOR QUALITY CONTROL AND QUALITY ASSURANCE FOR THE INSTALLATION OF STEEL DECK

TABLE 1.1 INSPECTION OR EXECUTION TASKS PRIOR TO DECK PLACEMENT

TASK	QC	QA
A. VERIFY COMPLIANCE OF MATERIALS (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS	PERFORM	PERFORM
B. DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES	PERFORM	PERFORM

TABLE 1.2 INSPECTION OR EXECUTION TASKS AFTER DECK PLACEMENT

TASK	QC	QA
A. VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS	PERFORM	PERFORM
B. VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS	N/A	PERFORM
C. DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	PERFORM	PERFORM

TABLE 1.3 INSPECTION OR EXECUTION TASKS PRIOR TO WELDING

TASK	QC	QA
A. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE	OBSERVE	OBSERVE
B. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	OBSERVE	OBSERVE
C. MATERIAL IDENTIFICATION (TYPE/GRADE)	OBSERVE	OBSERVE
D. CHECK WELDING EQUIPMENT	OBSERVE	OBSERVE

TABLE 1.4 INSPECTION OR EXECUTION TASKS DURING WELDING

TASK	QC	QA
A. USE OF QUALIFIED WELDERS	OBSERVE	OBSERVE
B. CONTROL AND HANDLING OF WELDING CONSUMABLES	OBSERVE	OBSERVE
C. ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE)	OBSERVE	OBSERVE
D. WPS FOLLOWED	OBSERVE	OBSERVE

TABLE 1.5 INSPECTION OR EXECUTION TASKS AFTER WELDING

TASK	QC	QA
A. VERIFY SIZE & LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, & PERIMETER WELDS	PERFORM	PERFORM
B. WELDS MEET VISUAL ACCEPTANCE CRITERIA	PERFORM	PERFORM
C. VERIFY REPAIR ACTIVITIES	PERFORM	PERFORM
D. DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	PERFORM	PERFORM

TABLE 1.6 INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING

TASK	QC	QA
A. MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS	OBSERVE	OBSERVE
B. PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION	OBSERVE	OBSERVE
C. PROPER STORAGE FOR MECHANICAL FASTENERS	OBSERVE	OBSERVE

TABLE 1.7 INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING

INSPECTION TASKS DURING MECHANICAL FASTENING	QC	QA
A. FASTENERS ARE POSITIONED AS REQUIRED	OBSERVE	OBSERVE
B. FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS	OBSERVE	OBSERVE

TABLE 1.8 INSPECTION OR EXECUTION TASKS AFTER MECHANICAL FASTENING

INSPECTION TASKS AFTER MECHANICAL FASTENING	QC	QA
A. CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT FASTENERS	PERFORM	PERFORM
B. CHECK SPACING, TYPE, AND INSTALLATION OF SIDELAP FASTENERS	PERFORM	PERFORM
C. CHECK SPACING, TYPE, AND INSTALLATION OF PERIMETER FASTENERS	PERFORM	PERFORM
D. VERIFY REPAIR ACTIVITIES	PERFORM	PERFORM
E. DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS	PERFORM	PERFORM

NOTE:
- QUALITY CONTROL (QC) SHALL BE PROVIDED BY THE INSTALLER
- QUALITY ASSURANCE (QA) SHALL BE PROVIDED BY THE CERTIFIED TESTING AGENCY

BRUNTON
MINNEAPOLIS
763.476.3806
7525 Wayzata Blvd
Minneapolis, MN 55426
MANKATO
507.625.7996
225 Belgrade Ave
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:
Albertson Engineering Inc. a division of RESPEC
605.343.9606 www.albertsonengineering.com

Project:
ECOTOURISM VISITORS CENTER
8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.: F0110.26003 | Date: 11/2/2026
Drawn: MDR/GJH | Checked: LGF
Project Manager: LGF
Project Status: FOR CONSTRUCTION

Sheet Title:
IBC INSPECTION TABLES

Sheet No.:
S0-03

11/2/2026 2:06:55 PM

IBC 2024 TABLE 1705.6
REQUIRED VERIFICATION AND INSPECTION OF SOILS

VERIFICATION AND INSPECTION TASKS	FREQUENCY OF INSPECTION		REQUIRED ON PROJECT
	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X	YES
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X	YES
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X	YES
4. DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-	YES
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X	YES

IBC 2024 TABLE 1705.2.6 SPECIAL INSPECTIONS OF METAL BUILDING SYSTEMS

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. INSTALLATION OF RAFTER/BEAM FLANGE BRACES AND COLUMN FLANGE BRACES.	-	X
2. INSTALLATION OF PURLINS AND GIRTS, INCLUDING SPECIFIED LAPPING.	-	X
3. PURLIN AND GIRT RESTRAINT / BRIDGING / BRACING.	-	X
4. INSTALLATION OF X-BRACING, TIGHTENED TO REMOVE ANY SAG.	-	X

STEEL CONSTRUCTION

AISC 360-22 TABLE N5.4-1
INSPECTION TASKS PRIOR TO WELDING

INSPECTION TASKS PRIOR TO WELDING	INSPECTION INTERVAL	REQUIRED ON PROJECT
WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	P	YES
WPS AVAILABLE	P	YES
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	P	YES
MATERIAL IDENTIFICATION (TYPE/GRADE)	O	YES
WELDER IDENTIFICATION SYSTEM • FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. • DIE STAMPING OF MEMBERS SUBJECTED TO FATIGUE SHALL BE PROHIBITED UNLESS APPROVED BY THE ENGINEER OF RECORD.	O	YES
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION) • BACKING TYPE AND FIT (IF APPLICABLE)	O	YES
FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	P	YES
CONFIGURATION AND FINISH OF ACCESS HOLES	O	YES
FIT-UP OF FILLET WELDS • DIMENSIONS (ALIGNMENT, GAPS AT ROOT) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	O	YES
CHECK WELDING EQUIPMENT	O	YES

AISC 360-22 TABLE N5.4-2
INSPECTION TASKS DURING WELDING

INSPECTION TASKS DURING WELDING	INSPECTION INTERVAL	REQUIRED ON PROJECT
CONTROL AND HANDLING OF WELDING CONSUMABLES • PACKAGING • EXPOSURE CONTROL	O	YES
NO WELDING OVER CRACKED TACK WELDS	O	YES
ENVIRONMENTAL CONDITIONS • WIND SPEEN WITHING LIMITS • PRECIPITATION AND TEMPURATURE	O	YES
WPS FOLLOWED • SETTINGS ON WELD EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE / FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN / MAX) • PROPER POSITION (F,V,H,OH)	O	YES
WELDING TECHNIQUES • INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS	O	YES
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	P	YES

AISC 360-22 TABLE N5.4-3
INSPECTION TASKS AFTER WELDING

INSPECTION TASKS AFTER WELDING	INSPECTION INTERVAL	REQUIRED ON PROJECT
WELDS CLEANED	O	YES
SIZE, LENGTH AND LOCATION OF WELDS	P	YES
WELDS MEET VISUAL ACCEPTANCE CRITERIA: • CRACK PROHIBITION • WELD/BASE-METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY	P	YES
ARC STRIKES	P	YES
k-AREA[a]	P	YES
WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES[b]	P	YES
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	P	YES
REPAIR ACTIVITIES	O	YES
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER[C]	O	YES
NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD	O	YES

[a] WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA, VISUALLY INSPECT THE WEB k-AREA FOR CRACKS WITHIN 3" (75 mm) OF THE WELD.
[b] AFTER ROLLED HEAVY SHAPES (SEE SECTION A3.1d) AND BUILT-UP HEAVY SHAPES (SEE SECTION A3.1e) ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLE FOR CRACKS.
[c] DIE STAMPING OF MEMBERS SUBJECTED TO FATIGUE SHALL BE PROHIBITED UNLESS APPROVED BY THE ENGINEER OF RECORD

AISC 360-22 TABLE N5.6-1
INSPECTION TASKS PRIOR TO BOLTING

INSPECTION TASKS PRIOR TO BOLTING	INSPECTION INTERVAL	REQUIRED ON PROJECT
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	O	YES
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	O	YES
CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO EXCLUDED FROM SHEAR PLANE)	O	YES
CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	YES
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	YES
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	P	YES
PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	O	YES

AISC 360-22 TABLE N5.6-2
INSPECTION TASKS DURING BOLTING

INSPECTION TASKS DURING BOLTING	INSPECTION INTERVAL	REQUIRED ON PROJECT
FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	O	YES
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	O	YES
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	YES
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	O	YES

AISC 360-22 TABLE N5.6-3
INSPECTION TASKS AFTER BOLTING

INSPECTION TASKS AFTER BOLTING	INSPECTION INTERVAL	REQUIRED ON PROJECT
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	P	YES

- O-OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. P-PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.
- OBSERVATION OF WELDING OPERATIONS AND VISUAL INSPECTION OF IN-PROCESS AND COMPLETED WELDS SHALL BE THE PRIMARY METHOD TO CONFIRM THAT THE MATERIALS, PROCEDURES AND WORKMANSHIP ARE IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS.
- FOR STRUCTURES IN RISK CATEGORY II (AS DEFINED IN ASCE/SEI 7), ULTRASONIC TESTING SHALL BE PERFORMED ON 10% OF COMPLETE-JOINT-PENETRATION GROOVE WELDS SUBJECT TO TRANSVERSELY APPLIED TENSION LOADING IN BUTT, T- AND CORNER JOINTS, IN MATERIALS 5/16" (8 MM) THICK OR GREATER.
- FOR STRUCTURES IN RISK CATEGORY III/IV (AS DEFINED IN ASCE/SEI 7), ULTRASONIC TESTING SHALL BE PERFORMED ON ALL COMPETE-JOINT-PENETRATION GROOVE WELDS SUBJECT TO TRANSVERSLY APPLIED TENSION LOADING IN BUTT, T- AND CORNER JOINTS, IN MATERIALS 5/16" (8MM) THICK OR GREATER.
- ALL NONDESTRUCTIVE TESTING OF WELDED JOINTS SHALL BE DOCUMENTED.
- SEE AISC360-22 CHAPTER N FOR ADDITIONAL WELD INSPECTION REQUIREMENTS.
- SEE AISC360-22 CHAPTER N FOR ADDITIONAL BOLT INSPECTION REQUIREMENTS.
- EXPOSED CUT SURFACES OF GALVANIZED STRUCTURAL STEEL MAIN MEMBERS AND EXPOSED CORNERS OF RECTANGULAR HSS SHALL BE VISUALLY INSPECTED FOR CRACKS SUBSEQUENT TO GALVANIZING.
- INSPECTION SHALL OCCUR DURING THE PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS, INCLUDING DIAMETER, GRADE, TYPE AND LENGTH OF THE ANCHOR ROD OR EMBEDDED ITEM, AND THE EXTENT OR DEPTH OF EMBEDMENT INTO THE CONCRETE.
- FABRICATED STEEL AND ERECTED STEEL FRAMES, AS APPROPRIATE, SHALL BE INSPECTED FOR COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS, INCLUDING BRACES, STIFFENERS, MEMBER LOCATIONS AND PROPER JOINT DETAIL APPLICATION.

BRUNTON
MINNEAPOLIS
763.476.3966
7525 Wayzata Blvd
Minneapolis, MN 55426
MANKATO
507.625.7996
225 Belgrade Ave.
North Mankato, MN 56003

Stamp:

Consultant:
Alberson Engineering Inc. a division of RESPEC
605.343.9606 www.albersonengineering.com

Plan Review Stamp:

Project:
ECOTOURISM VISITORS CENTER
8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

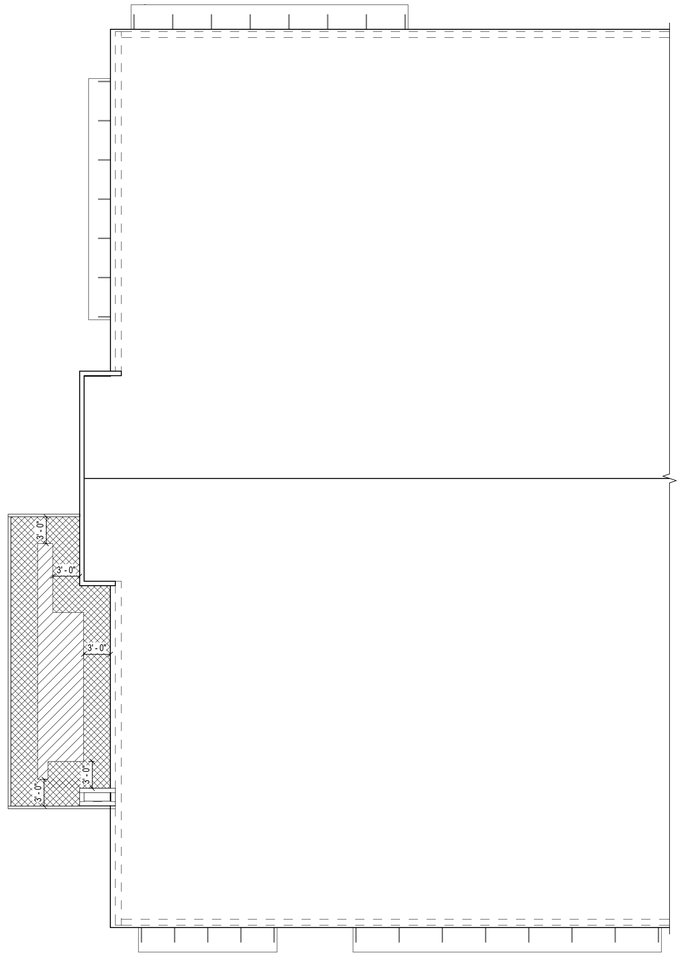
REVISION:

No.: F0110.26003 | Date: 11/2/2026
Drawn: MDR/GJH | Checked: LGF
Project Manager: LGF
Project Status: FOR CONSTRUCTION

Sheet Title:
IBC INSPECTION TABLES (CONTINUED)

Sheet No.:
S0-04

11/2/2026 2:00:55 PM

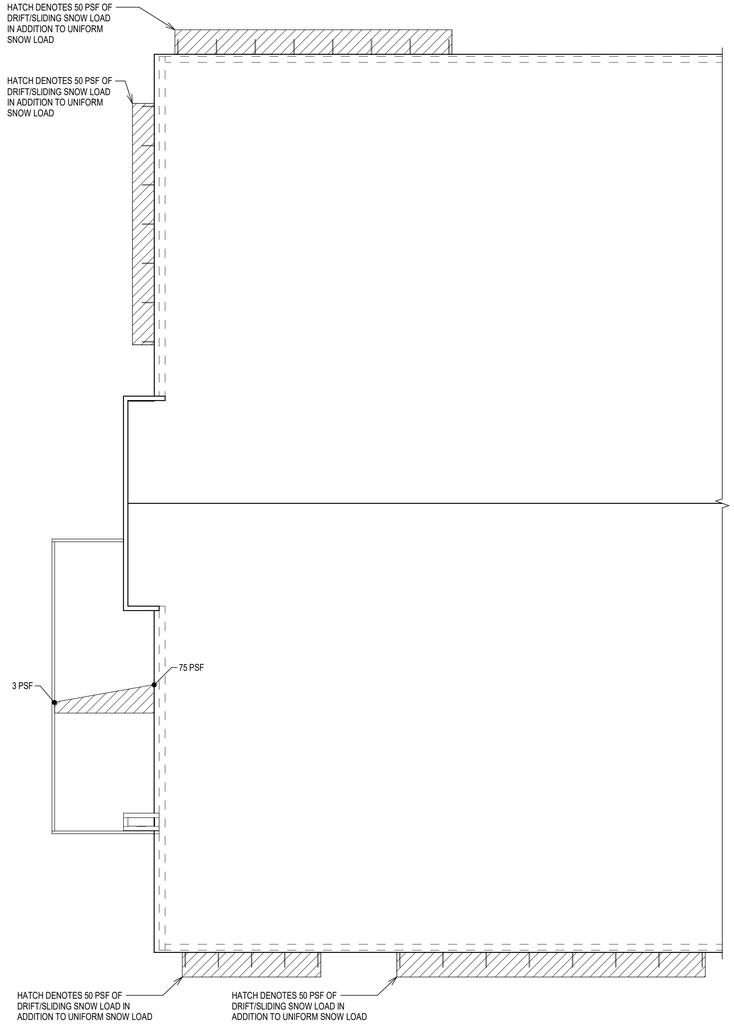


1 S0-05

WIND UPLIFT PLAN

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

TRUE NORTH N



2 S0-05

SNOW DRIFT PLAN

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

TRUE NORTH N

SHEET NOTES

SNOWDRIFT PLAN NOTES

- SNOWDRIFT LOADS SHOWN ARE IN ADDITION TO UNIFORM SNOW LOADS INDICATED IN THE STRUCTURAL GENERAL NOTES IN SHEET SERIES S0-xx.

SCHEDULES

WIND UPLIFT SCHEDULE

CANOPY

HATCH DESIGNATION	WIDTH	PRESSURE (PSF)		
		EFFECTIVE WIND AREA (SQ FT)		
		0 - 10	10 - 40	> 40
	SEE PLAN FOR DIMENSIONS	40	40	40
	SEE PLAN FOR DIMENSIONS	61	61	40
	SEE PLAN FOR DIMENSIONS	80	61	40

ADDITIONAL REMARKS:

1. WIND UPLIFT PRESSURES SHOWN ARE ULTIMATE WIND UPLIFT PRESSURES FROM ASCE 7-22. TO OBTAIN SERVICE WIND UPLIFT PRESSURES MULTIPLY TABLE VALUE BY 0.6.
2. FOR ROOF JOIST DESIGN, SUBTRACT 7 PSF FROM THE SERVICE WIND UPLIFT VALUE.

WIND COMPONENTS & CLADDING SCHEDULE

WALLS

DESIGNATION	ZONES: WIDTH	ULTIMATE WIND PRESSURES	PRESSURE (PSF)			
			EFFECTIVE WIND AREA (SQ FT)			
			0 - 20	20 - 50	50 - 100	> 100
ZONE 4	REMAINDER	PRESSURE	15	14	13	12
		SUCTION	23	22	21	20
ZONE 5	4' - 0"	PRESSURE	15	14	13	12
		SUCTION	28	27	24	22

ADDITIONAL REMARKS:

1. WIND PRESSURES SHOWN ARE ULTIMATE WIND PRESSURES FROM ASCE 7-22. TO OBTAIN SERVICE WIND PRESSURES MULTIPLY TABLE VALUE BY 0.6.
2. ZONE 5 SHALL INCLUDE THE WALL AREA WITHIN THE "WIDTH" VALUE FROM EACH BUILDING CORNER.
3. ZONE 4 APPLIES TO THE REMAINING WALL AREA.

BRUNTON

MINNEAPOLIS
Phone: 952.835.7996
7525 Wayzata Blvd.
Minneapolis, MN 55426

MANKATO
Phone: 507.625.7996
225 Belgrade Ave.
North Mankato, MN 56003

Stamp:



Plan Review Stamp:

Consultant:

Albertson Engineering Inc.
a division of RESPEC
605.343.9606 www.albertsonengineering.com

Project:

ECOTOURISM VISITORS CENTER

8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.: F0110.26003 | Date: 11/2/2026

Drawn: MDR/GJH | Checked: LGF

Project Manager: LGF

Project Status: FOR CONSTRUCTION

Sheet Title:

SNOW DRIFT AND WIND UPLIFT PLANS

Sheet No.:

S0-05

11/2/2026 2:00:56 PM

CONCRETE FINISH SCHEDULE

UNLESS SPECIFICALLY NOTED OTHERWISE, THE FOLLOWING REQUIREMENTS APPLY TO ALL CAST-IN-PLACE AND PRECAST CONCRETE

ITEM	BASE CONCRETE SURFACE CATEGORY	MODIFICATIONS TO DEFAULT REQUIREMENTS	REMARKS
DRILLED PIERS	N/A	NONE	NONE
FOOTINGS	CSC1	NONE	NONE
FOUNDATION WALLS W/O ANY PORTION VISIBLE	CSC1	NONE	NONE
FOUNDATION WALLS WITH PORTIONS VISIBLE	CSC2	NONE	NONE
BASEMENT WALLS	CSC2	NONE	NONE
PRECAST ITEMS	CSC3	TEXTURE - T4 COLOR UNIFORMITY - CU4	SPECIALIZED FINISHES SUCH AS EXPOSED AGGREGATE NOT SUBJECT TO SURFACE VOID RATIO LIMITS
CONCRETE EXPOSED IN UTILITARIAN AREAS SUCH AS MECHANICAL ROOMS OR JANITOR CLOSETS	CSC2	NONE	NONE
ALL OTHER EXPOSED CONCRETE	CSC3	NONE	NONE
ALL OTHER CONCRETE NOT EXPOSED	CSC2	NONE	NONE

ADDITIONAL REMARKS:

SEE TABLE 1 - DESCRIPTION OF FORMED CONCRETE SURFACE CATEGORIES, TABLE 3.1B, TABLE 3.1C, AND 3.1D FOR ADDITIONAL SPECIFIC REQUIREMENTS.

SPECIALIZED FINISHES INCLUDE EXPOSED AGGREGATE, SANDBLAST FINISHES, ACID WASHES, COLORED CONCRETE, AND OTHER SIMILAR ITEMS. SPECIALIZED FINISHES MUST HAVE MOCK UP PANEL CONSTRUCTED AND SUBMITTED FOR APPROVAL OF ARCHITECT. APPROVED MOCK UP PANEL TO BE USED AS A BASIS FOR THE ACCEPTABILITY OF THE FINISHES. ARCHITECT SHALL BE THE SOLE JUDGE IN DETERMINING THE ACCEPTABILITY OF SPECIALIZED FINISHES.

TOLERANCES SHALL BE MEASURED AT INITIAL CONSTRUCTION INSTALLATION PRIOR TO ANY REPAIRS. ANY REPAIR WORK MUST BE SUBMITTED TO THE ARCHITECT AND ENGINEER. ACCEPTANCE OF REPAIRS WILL BE AT THE DISCRETION OF THE ARCHITECT OR ENGINEER.

TOLERANCES SPECIFIED IN ACI 117, ACI 301 AND THE PCI MANUAL SHALL STILL APPLY TO ALL CONCRETE SURFACES IN THIS PROJECT, BUT IN AREAS OF CONFLICT, THESE TABLES SHALL BE USED AS A REFERENCE AND GUIDE.

TABLE 3.1C - FORM-FACING CATEGORIES

CRITERION	FORM-FACING CATEGORY		
	FC1	FC2	FC3
HOLES, GREATER THAN 3/16"	PLUG OR DISK COVERS ARE ACCEPTABLE	ACCEPTABLE IF PATCHED, SANDED AND SEALED OR GROUND TO MATCH ADJACENT FORM SURFACE	VISIBLE FILLING IS UNACCEPTABLE
HOLES, 3/16" OR LESS	ACCEPTABLE	ACCEPTABLE W/O PATCHING FORM SURFACE MUST NOT BE DAMAGED OR TORN AROUND HOLE(S)	ACCEPTABLE IF PATCHED, SANDED AND SEALED OR GROUNDED TO MATCH ADJACENT FORM SURFACE
VIBRATOR BURNS	ACCEPTABLE	UNACCEPTABLE	UNACCEPTABLE
SCRATCHES / DENTS	ACCEPTABLE	ACCEPTABLE IF PATCHED, SANDED AND SEALED OR GROUND TO MATCH ADJACENT FORM SURFACE	UNACCEPTABLE UNLESS OTHERWISE APPROVED
CONCRETE REMNANTS [a]	ACCEPTABLE	UNACCEPTABLE	UNACCEPTABLE
CEMENT RESIDUE [b]	ACCEPTABLE	ACCEPTABLE	SHOULD NOT AFFECT FINISHED CONC SURFACE
SWELLING OF FACING AT FASTENER OR TIE HOLES	ACCEPTABLE	UNACCEPTABLE	UNACCEPTABLE
PATCHING [c]	ACCEPTABLE	ACCEPTABLE	SHOULD NOT AFFECT FINISHED CONC SURFACE

ADDITIONAL REMARKS:

a. CONCRETE REMNANT IS HARDENED CONCRETE ON THE FORM FACE.

b. CEMENT RESIDUE IS A THIN FILM REMAINING ON THE FORM FACE.

c. PERFORM AND INSPECT REPAIRS OF FORM FACING AND MAKE ACCEPTABLE FOR THE INTENDED FORMED CONCRETE SURFACE.

TABLE 3.1D - CONCRETE SURFACE VOID RATIO (SVR) ON AS-CAST FORMED SURFACES

SURFACE VOID RATIO	SVR1	SVR2	SVR3	SVR4
VOID AREA OF PORES OF SURFACE OCCURRING WITHIN A 24 IN. X 24 IN. SQUARE	6.9*, DmaX = 3/4"	5.8 IN.^{2}, DmaX = 5/8 IN.	3.5 IN.^{2}, DmaX = 3/8 IN.	1.7 IN.^{2}, DmaX = 1/4 IN.

ADDITIONAL REMARKS:

* VOID AREA IS THE SUMMATION OF THE AREAS OF ALL VOIDS WITHIN THE SAMPLE SPACE OF 24 IN. X 24 IN. VOIDS WITH AN AVERAGE DIAMETER OF d < 3/32 IN. ARE EXCLUDED FROM THE CALCULATION OF THE VOID AREA.

DmaX IS MAXIMUM DIMENSION OF ANY VOID IN ANY DIRECTION.

TABLE 3.1B - DESCRIPTION OF VISIBLE EFFECTS ON AS-CAST FORMED SURFACE

CRITERION	CLASSIFICATION	CHARACTERISTICS
TEXTURE PANEL-JOINT	T1	- ACCEPTABLE GAPS IN ADJACENT FORMWORK COMPONENTS ≤ 3/4 IN. - ACCEPTABLE DEPTH OF MORTAR LOSS ≤ 1/2 IN. - ACCEPTABLE SURFACE OFFSETS OF PANEL JOINTS UP TO 1 IN. (ACI 117-10, SECTION 4.8.3, CLASS D). - ALLOWABLE PROJECTIONS 1 IN. FROM ADJACENT SURFACE. (ACI 301-16, SECTION 5.3.3.3.a). - FORM-FACING MATERIAL EXAMPLES: ROUGH SAWN LUMBER, CDX PLYWOOD, AND PARTICLE BOARD. - IMPRINTS OF MODULAR PANEL FRAMES ARE ACCEPTABLE.
	T2	- ACCEPTABLE GAPS IN ADJACENT FORMWORK COMPONENTS ≤ 1/2 IN. - ACCEPTABLE DEPTH OF MORTAR LOSS ≤ 3/8 IN. - ACCEPTABLE SURFACE OFFSETS OF PANEL JOINTS UP TO 1/2 IN. (ACI 117-10, SECTION 4.8.3, CLASS C). - ALLOWABLE PROJECTIONS 1/2 IN. FROM ADJACENT SURFACE. - FORM-FACING MATERIAL EXAMPLES: CLASS BBOES PLYWOOD, MDO PLYWOOD. - IMPRINTS OF MODULAR PANEL FRAMES ARE ACCEPTABLE.
	T3	- ACCEPTABLE GAPS IN ADJACENT FORMWORK COMPONENTS ≤ 1/4 IN. - ACCEPTABLE DEPTH OF MORTAR LOSS ≤ 1/4 IN. - ACCEPTABLE SURFACE OFFSETS OF PANEL JOINTS UP TO 1/4 IN. (ACI 117-10, SECTION 4.8.3, CLASS B). - ALLOWABLE PROJECTIONS 1/4 IN. FROM ADJACENT SURFACE. (ACI 301-16, SECTION 5.3.3.3.b). - FORM-FACING MATERIAL EXAMPLES: HDO PLYWOOD, PHENOLIC SURFACE FILM, PLASTIC OR STEEL. - IMPRINTS OF MODULAR PANEL FRAMES ARE ACCEPTABLE.
	T4	- FORMWORK SHOULD BE GROUT TIGHT. AVOID GROUT / MORTAR LEAKAGE AND CORRECT WHERE OCCURS. - PERMISSIBLE SURFACE OFFSETS OF PANEL JOINTS UP TO 1/8 IN. (ACI 117-10, SECTION 4.8.3, CLASS A). - ALLOWABLE PROJECTIONS 1/8 IN. FROM ADJACENT SURFACE. (ACI 301-16, SECTION 5.3.3.3.C). - FORM-FACING MATERIAL EXAMPLES: HDO PLYWOOD, PSF PLYWOOD, FULL PLASTIC, STEEL AND FIBERGLASS. - IMPRINTS OF MODULAR PANEL FRAMES ARE UNACCEPTABLE UNLESS DEMONSTRATED AND APPROVED IN THE MOCKUP.
SURFACE VOID RATIO (SVR)	SVR1-SVR4	- REFER TO TABLE 3.1D.
COLOR UNIFORMITY	CU1	- LIGHT AND DARK COLOR VARIATIONS ARE ACCEPTABLE. - COLOR VARIATIONS BETWEEN ADJACENT PLACEMENTS AND LAYER LINES ARE ACCEPTABLE. - RUST AND DIRT STAINS ARE ACCEPTABLE.
	CU2	- GRADUAL LIGHT AND DARK COLOR VARIATIONS ARE ACCEPTABLE. - COLOR CONSISTENCY BETWEEN ADJACENT PLACEMENTS AND LAYER LINES SHOULD BE MOSTLY UNIFORM. - MAXIMUM TONAL VARIATION FOR CONCRETE SHALL BE CONTAINED WITHIN 3 TONAL RANGES (FOR EXAMPLE LIGHTEST BEING 2.0 AND DARKEST BEING 4.0). - CONCRETE SOURCE MATERIALS AND FORM-FACING MATERIAL SHOULD BE CONSISTENT TYPE, GRADE, AND SOURCE TO AVOID CAUSING DEVIATIONS IN APPEARANCE. - RUST AND DIRT STAINS ARE ACCEPTABLE.
	CU3	- DISCOLORATIONS CAUSED BY CONCRETE SOURCE MATERIAL OF DIFFERENT TYPE AND ORIGIN, DIFFERENT TYPES OF FACING MATERIALS, OR INCONSISTENT TREATMENT OF CONCRETE SURFACES ARE UNACCEPTABLE. - MAXIMUM TONAL VARIATION FOR CONCRETE SHALL BE CONTAINED WITHIN 2 TONAL RANGES (FOR EXAMPLE LIGHTEST BEING 2.0 AND DARKEST BEING 3.0). - RUST STAINS, DIRT STAINS AND VISIBLE POURING LAYERS ARE UNACCEPTABLE.
	CU4	- DISCOLORATIONS CAUSED BY CONCRETE SOURCE MATERIAL OF DIFFERENT TYPE AND ORIGIN, DIFFERENT TYPES OF FACING MATERIALS, OR INCONSISTENT TREATMENT OF CONCRETE SURFACES ARE UNACCEPTABLE. - MAXIMUM TONAL VARIATION FOR CONCRETE SHALL BE CONTAINED WITHIN 1 TONAL RANGE (FOR EXAMPLE LIGHTEST BEING 2.0 AND DARKEST BEING 2.5 OR LIGHTEST BEING 1.5 AND DARKEST BEING 2.0). - RUST STAINS, DIRT STAINS AND VISIBLE POURING LAYERS ARE UNACCEPTABLE.
SURFACE IRREGULARITIES [a]	SI1	- ACI 117-10, SECTION 4.8.3, CLASS D - SURFACE. - MAXIMUM GRADUAL DEVIATION OVER A DISTANCE OF 5 FT. OR ABRUPT DEVIATION IS 1 IN. - LIMIT DEFLECTION OF FORMWORK STRUCTURE TO L/240. - ACI 117-10, SECTION 4.8.2 DOES NOT APPLY.
	SI2	- ACI 117-10, SECTION 4.8.3, CLASS C - SURFACE. - MAXIMUM GRADUAL DEVIATION OVER A DISTANCE OF 5 FT. OR ABRUPT DEVIATION IS 1/2 IN. - LIMIT DEFLECTION OF FORMWORK STRUCTURE TO L/360. - ACI 117-10, SECTION 4.8.2 DOES NOT APPLY.
	SI3	- ACI 117-10, SECTION 4.8.3, CLASS B - SURFACE. - MAXIMUM GRADUAL DEVIATION OVER A DISTANCE OF 5 FT. OR ABRUPT DEVIATION IS 1/4 IN. - LIMIT DEFLECTION OF FORMWORK STRUCTURE TO L/360. - ACI 117-10, SECTION 4.8.2 DOES NOT APPLY.
	SI4	- ACI 117-10, SECTION 4.8.3, CLASS A - SURFACE. - MAXIMUM GRADUAL DEVIATION OVER A DISTANCE OF 5 FT. OR ABRUPT DEVIATION IS 1/8 IN. - LIMIT DEFLECTION OF FORMWORK STRUCTURE TO L/400. - ACI 117-10, SECTION 4.8.2 DOES APPLY.
CONSTRUCTION AND FACING JOINTS [b]	CJ1	- ACCEPTABLE OFFSET OF SURFACES BETWEEN TWO ADJACENT PLACEMENTS ≤ 1 IN.
	CJ2	- ACCEPTABLE OFFSET OF SURFACES BETWEEN TWO ADJACENT PLACEMENTS ≤ 1/2 IN. - THE USE OF CHAMFER STRIPS OR SIMILAR REVEALS ARE RECOMMENDED AT CONSTRUCTION JOINTS.
	CJ3	- ACCEPTABLE OFFSET OF SURFACES BETWEEN TWO ADJACENT PLACEMENTS ≤ 1/4 IN. - THE USE OF CHAMFER STRIPS OR SIMILAR REVEALS ARE RECOMMENDED AT CONSTRUCTION JOINTS. - CONSTRUCTION JOINT LOCATIONS SHOULD BE COORDINATED WITH ARCHITECTURAL DESIGN
	CJ4	- ACCEPTABLE OFFSET OF SURFACES BETWEEN TWO ADJACENT PLACEMENTS ≤ 1/8 IN. OFFSETS LESS THAN 1/8 IN. SHOULD BE SPECIFIED IN DESIGN DOCUMENTS. - THE USE OF CHAMFER STRIPS OR SIMILAR REVEALS ARE RECOMMENDED AT CONSTRUCTION JOINTS. - CONSTRUCTION JOINT LOCATIONS SHOULD BE COORDINATED WITH ARCHITECTURAL DESIGN AND APPROVED BY ARCHITECT OR ENGINEER. - THE MOCKUP SHOULD CONTAIN ALL FEATURES REPRESENTATIVE TO THE FINISHED PRODUCT.

ADDITIONAL REMARKS:

a. SURFACE IRREGULARITIES DO NOT APPLY FOR WORKED OR TEXTURED AREAS.

b. CONSTRUCTION JOINTS THAT REMAIN VISIBLE. LIMITS ALSO APPLY TO VERTICAL OFFSET OF FORMWORK, REVEALS, FINISH LIMITS, ETC.

DESCRIPTION OF FORMED CONCRETE SURFACE CATEGORIES (CSC)

FORMED CONCRETE SURFACE CATEGORY		COMMON APPLICATION	TEXTURE [a]	SURFACE VOID RATIO [b]	COLOR UNIFORMITY [c]	SURFACE IRREGU-LARITIES [d]	CONSTRUCTION AND FACING JOINT [d]	MOCKUP	FORM-FACING CATEGORY [e]
CONCRETE SURFACE FINISH WITH	CSC1	CONCRETE SURFACES IN AREAS WITH NO VISIBILITY OR OF LIMITED IMPORTANCE WITH REGARD TO FORMED CONCRETE SURFACE REQUIREMENTS, OR COVERED WITH SUBSEQUENT FINISH MATERIALS CAPABLE OF ACCOMMODATING THE TOLERANCES OF THIS CATEGORY	T1	SVR1	CU1	SI1	CJ1	OPTIONAL	FC1
	CSC2	CONCRETE SURFACES WHERE VISUAL APPEARANCE IS EXPOSED BUT NOT TO PUBLIC VIEW OR OTHERWISE SPECIFIED	T2	SVR2	CU2	SI2	CJ2	OPTIONAL	FC1
	CSC3	CONCRETE SURFACES THAT ARE IN PUBLIC VIEW OR WHERE APPEARANCE IS IMPORTANT, SUCH AS EXTERIOR OR INTERIOR EXPOSED BUILDING ELEMENTS.	T3	SVR3	CU3	SI3	CJ3	REQUIRED	FC2
	CSC4	CONCRETE SURFACES WHERE THE EXPOSED CONCRETE IS A PROMINENT FEATURE OF THE COMPLETED STRUCTURE OR VISUAL APPEARANCE IS IMPORTANT.	T4	SVR4	CU4	SI4	CJ4	REQUIRED	FC3

ADDITIONAL REMARKS:

a. THESE REQUIREMENTS/ FEATURES ARE DESCRIBED IN DETAIL IN TABLE 3.1B

b. VOID AREA OF PORES SURFACE. REFER TO TABLE 3.1D

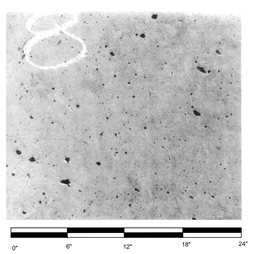
c. DISCOLORATIONS CAN USUALLY BE SEEN ONLY AFTER A LONGER PERIOD OF TIME AND FOR AT LEAST 8 WEEKS.

d. REFER TO TABLE 3.1B.

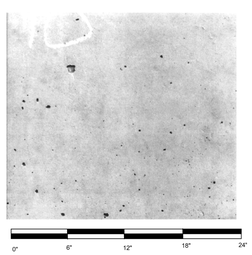
e. REFER TO TABLE 3.1C.

UNLESS OTHERWISE SPECIFIED, THE REQUIREMENTS GIVEN APPLY TO CAST-IN-PLACE AND PRECAST CONCRETE. REQUIREMENTS APPLY TO ALL CAST-IN-PLACE CONCRETE WITH EXCEPTION OF SLABS ON GRADE AND TOP SURFACE OF STRUCTURAL CAST-IN-PLACE SLABS. REQUIREMENTS APPLY TO ALL FACES OF PRECAST CONCRETE INCLUDING SURFACES THAT MAY NOT BE FORMED.

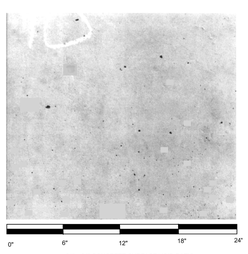
SPECIALIZED FINISHES, AND THE MEANS AND METHODS USED TO OBTAIN THOSE SURFACES, SHALL NOT AFFECT ANY SURFACES EXCEPT FOR THE SPECIFIC SURFACES SPECIFIED. EXAMPLES OF UNACCEPTABLE ACTIONS INCLUDE, BUT ARE NOT LIMITED TO, CHEMICAL TREATMENTS (RETARDERS, ACIDS, ETC) AFFECTING SURFACES NOT INTENDED TO RECEIVE SUCH TREATMENTS.



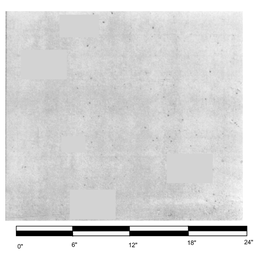
24" x 24" CONCRETE SURFACE VOID RATIO - MAX VOID RATIO FOR SVR1



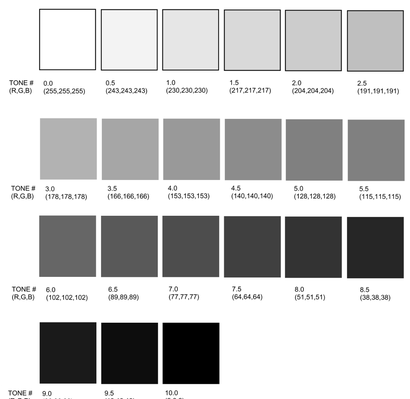
24" x 24" CONCRETE SURFACE VOID RATIO - MAX VOID RATIO FOR SVR2



24" x 24" CONCRETE SURFACE VOID RATIO - MAX VOID RATIO FOR SVR3



24" x 24" CONCRETE SURFACE VOID RATIO - MAX VOID RATIO FOR SVR4



BRUNTON
MINNEAPOLIS
763.476.3966
7525 Wayzata Blvd.
Minneapolis, MN 55426
MANKATO
507.345.7966
225 Belgrade Ave.
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:
Albertson Engineering Inc. a division of RESPEC
605.343.9606 www.albertsonengineering.com

Project:
ECOTOURISM VISITORS CENTER
8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

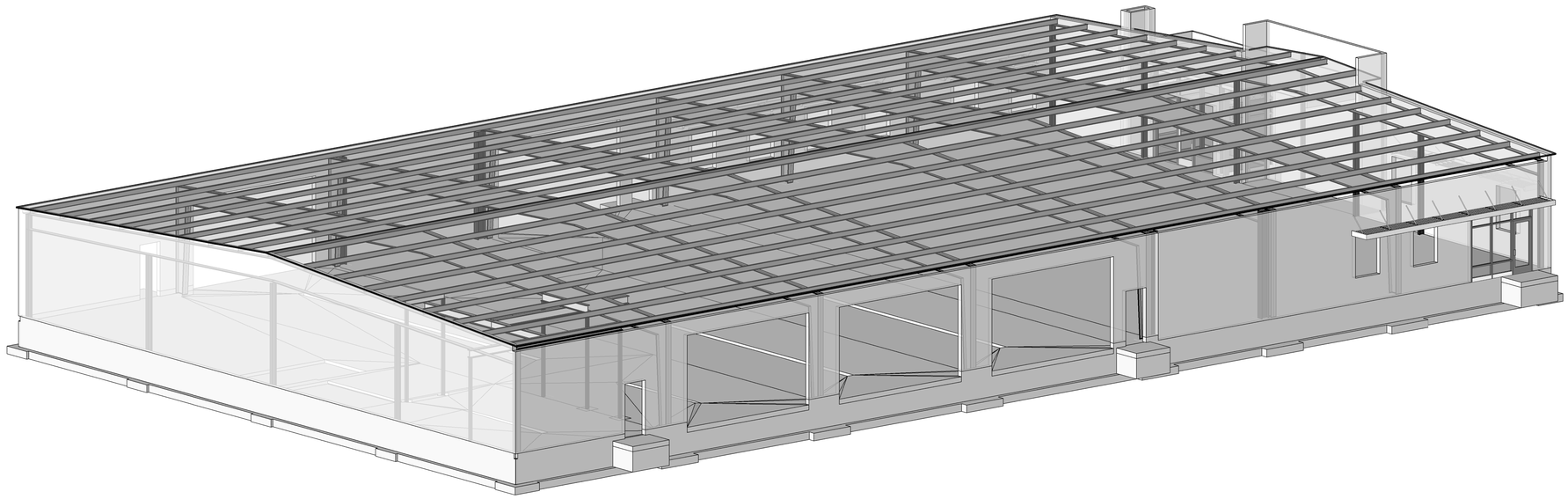
REVISION:

No.: F0110.26003 Date: 11/2/2026
Drawn: MDR/GJH Checked: LGF
Project Manager: LGF
Project Status: FOR CONSTRUCTION

Sheet Title:
CONCRETE SURFACE REQUIREMENTS

Sheet No.:
S0-06

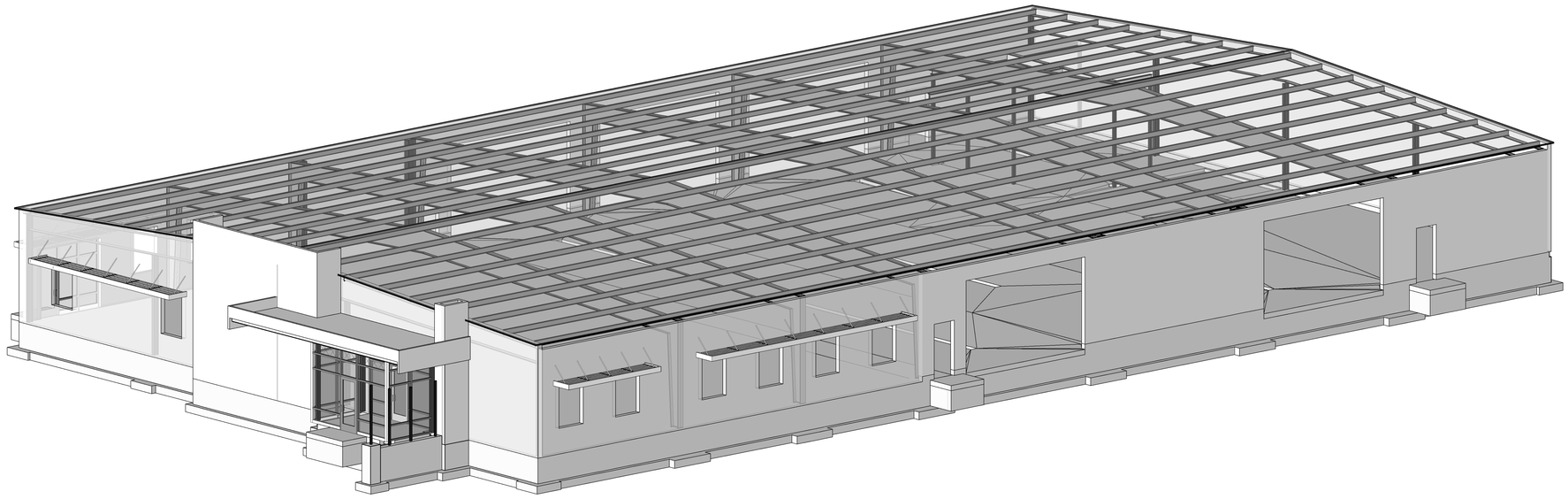
11/2/2026 2:00:57 PM



1
S0-07

STRUCTURAL 3D VIEW

SCALE: NTS



2
S0-07

STRUCTURAL 3D VIEW

SCALE: NTS

11/2/2026 2:00:59 PM

BRUNTON

MINNEAPOLIS
Phone: 952.358.7996
7525 Wayzata Blvd
Minneapolis, MN 55426

MANKATO
Phone: 507.625.7996
225 Belgrade Ave
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:
Albertson Engineering Inc.
a division of RESPEC
605.343.9606 www.albertsonengineering.com

Project:

ECOTOURISM VISITORS CENTER

8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.:	F0110.26003	Date:	11/2/2026
Drawn:	MDR/GJH	Checked:	LGF

Project Manager: LGF

Project Status: FOR CONSTRUCTION

Sheet Title:

3D VIEWS

Sheet No.:

S0-07

SHEET NOTES

FOUNDATION & FLOOR SLAB PLAN NOTES

1. SEE SHEET SERIES S0-xx FOR STRUCTURAL NOTES.
2. VERIFY ALL DIMENSIONS & ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE CONSTRUCTION COMMENCES.
3. ELEVATIONS ON THE STRUCTURAL DRAWINGS REFER TO THE TOP OF CONCRETE REFERENCE ELEVATION SET AT 100' - 0" (MAIN FLOOR).
4. **TOP OF CAST-IN-PLACE FOUNDATION WALL (TOW) = 100'-0"**, UNO.
5. CAST-IN-PLACE FOUNDATION WALL REINFORCING SHALL BE CONTINUOUS AROUND CORNERS.
6. **TOP OF FOOTING ELEVATION (TOF) = 96'-8"**, UNO. SEE THIS SHEET FOR CONCRETE FOOTING SCHEDULE.
7. CENTERLINE OF FOOTING SHALL COINCIDE WITH THE FOUNDATION WALL & COLUMN CENTERLINE, UNLESS SHOWN OTHERWISE.
8. SEE SHEET SERIES S6-xx FOR CONCRETE PIER SCHEDULE
9. CONCRETE SLAB-ON-GRADE SHALL BE 4" THICK WITH #4 REBAR @ 24" OC EACH WAY CENTERED IN THE SLAB, UNLESS NOTED OTHERWISE. (INCLUDING 1 1/2 LBS/CU YD OF FIBER MESH OR AS SUGGESTED MY MANUFACTURER, WHICHEVER IS GREATER)
10. CONCRETE SLAB-ON-GRADE CONTROL JOINTS SHALL BE TOOLED OR SAWCUT. THE JOINT PATTERN SHALL BE APPROXIMATELY AS SHOWN.
11. MAXIMUM DIMENSION SHALL BE 80' - 0" BETWEEN CAST-IN-PLACE CONCRETE POURS (CONSTRUCTION JOINTS), SEE SHEET SERIES S6-xx FOR TYPICAL SLAB JOINTS.
12. PROVIDE (2) #4 X 60" REINFORCING BARS IN SLAB-ON-GRADE AT ALL SLAB RE-ENTRANT CORNERS.
13. SEE ARCHITECTURAL & MECHANICAL DRAWINGS FOR SLOPES, DROPS, AND DRAIN LOCATIONS IN FLOOR SLAB.
14. SEE MECHANICAL DRAWINGS FOR REQUIREMENTS RELATED TO ISOLATION OF NOISE AND VIBRATION FOR ALL MECHANICAL WORK.
15. SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF MECHANICAL EQUIPMENT PADS.
16. CENTER STOOPS ON OPENINGS UNLESS DIMENSIONED OTHERWISE. SEE ARCHITECTURAL DRAWINGS FOR LOCATION OF DOOR OPENINGS.
17. BACKFILL & COMPACT BOTH SIDES OF FOUNDATION WALLS SIMULTANEOUSLY.
18. SEE CIVIL DRAWINGS FOR EXTERIOR GRADING.
19. SEE ARCHITECTURAL DRAWINGS FOR ALL RIGID INSULATION REQUIREMENTS.
20. TYPICAL EXTERIOR STUD WALLS SHALL BE 6"-14 GAUGE METAL STUDS (600S162-68) @ 16" OC UNLESS NOTED OTHERWISE OR DETAILED. PROVIDE THE FOLLOWING MINIMUM HEADERS AND JAMBS AT OPENINGS:
21. EXTERIOR WALLS SHALL BE SHEATHED WITH 7/16" APA 24/0 SPAN RATED SHEATHING PER ARCHITECTURAL DRAWINGS. ATTACH WITH #8 SELF TAPPING FLAT HEAD SCREWS @ 12" OC, UNLESS NOTED OTHERWISE.
22. FOR TYPICAL FOUNDATION RELATED DETAILS SEE SHEET SERIES S6-01, INCLUDING BUT NOT LIMITED TO TYPICAL COLUMN ISOLATION DETAIL, TYPICAL PIPE CROSSING DETAIL, AND TYPICAL EQUIPMENT PAD DETAILS.
23. ALL BELOW GRADE STEEL CONNECTIONS SHALL BE COATED WITH BITUMINOUS PAINT.
24. ANCHOR BOLT EMBEDMENT FOR THE PRIMARY BUILDING COLUMNS SHALL BE AS LISTED BELOW. ALL ANCHOR BOLTS FOR PRIMARY BUILDING COLUMNS SHALL BE CAST-IN-PLACE. **POST-INSTALLED ANCHORS FOR THE COLUMN TYPES LISTED BELOW ARE NOT ALLOWED.**

3/4" ø	- 12" EMBEDMENT
1" ø	- 18" EMBEDMENT
1 1/4" ø	- 24" EMBEDMENT

25. ANCHOR BOLTS FOR DOOR JAMB COLUMNS (1/2" ø OR LESS) SHALL HAVE A MINIMUM EMBEDMENT OF 8". ANCHOR BOLTS FOR DOOR JAMB COLUMNS SHALL EITHER BE CAST-IN-PLACE OR POST-INSTALLED WITH HILTI HIT-HY-200.

SHEET LEGEND

- DENOTES STEP IN WALL FOOTING
- DENOTES STEP IN TOP OF CAST-IN-PLACE CONCRETE WALL
- XX" XX" — DENOTES CHANGE IN SLAB THICKNESS OR PHASE OF PROJECT
- XX" — DENOTES STEP / RECESS IN CONCRETE SLAB
- SJ — DENOTES CONCRETE SLAB CONTROL JOINTS (SJ)
- CJ — DENOTES CONCRETE SLAB CONSTRUCTION JOINT (CJ) OR FULL DEPTH KEYED CONSTRUCTION JOINT
- FX — DENOTES FOOTING (SPREAD OR ISOLATED), SEE PLAN & SCHEDULE
- TSX — DENOTES CONTINUOUS THICKENED SLAB FOOTING, SEE PLAN & SCHEDULE
- SLOPE — DENOTES DIRECTION OF SLOPE IN CONCRETE SLAB
- DENOTES FLOOR DRAIN IN SLAB, SEE MECH DRAWINGS
- XXX — DENOTES COLUMN AND / OR PIER SIZE, SEE PIER SCHEDULE ON SHEET SERIES S6-02.

ALTERNATES (TO BE ITEMIZED SEPARATELY)

SEE ARCH, MECH & ELEC DRAWINGS FOR ADDL INFO ON EACH ALTERNATE OPTION.

ALTERNATE NO. 1 (DEDUCT)

BASE BID ITEM:
PROVIDE & INSTALL ALL CONCRETE FOUNDATIONS AND STEEL FRAMING AS SHOWN WITHIN THE STRUCTURAL CONSTRUCTION DOCUMENTS.

ALTERNATE ITEM:
OMIT STRUCTURAL STEEL FRAMING FOR "GAME CRANE" BETWEEN GRIDLINES 1 AND 2 (SEE SHEET S1-01 AND S1-02). FOOTINGS AND FOUNDATION ELEMENTS FOR GAME CRANE FRAMING SHOULD BE INSTALLED AS PART OF THIS ALTERNATE.

ALTERNATE NO. 2 (DEDUCT)

BASE BID ITEM: ACCEPT ALTERNATE 1.
ALTERNATE ITEM:
OMIT CONCRETE SLAB WEST OF GRIDLINE 2 (BETWEEN GRIDS 1 AND 2). ALONG GRIDLINE 2 PROVIDE THICKENED SLAB EDGE, SEE TYPICAL DETAIL T4 ON SHEET S6-02.

ALTERNATE NO. 2 (DEDUCT)

BASE BID ITEM: ACCEPT ALTERNATE 1 AND 2.
ALTERNATE ITEM:
OMIT PRE-ENGINEERED METAL BUILDING (PEMB) AND FOUNDATIONS WEST OF GRIDLINE 2. SHIFT EXTERIOR FOUNDATION WALL (& ASSOCIATED DETAILS) ALONG GRIDLINE 1 TO APPROXIMATELY GRIDLINE 2 (SHIFT EAST 24'8"). PEMB FRAME ALONG GRIDLINE 2 MUST BE DESIGNED AS AN EXPANDABLE BAY WITH A FUTURE 25'-0" BAY TO THE WEST.

SCHEDULE

FOOTING SCHEDULE

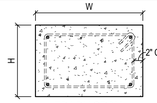
TL	FOOTING SIZE	REINFORCING	REMARKS
F1	CONT x 2' - 0" x 1' - 0"	(3) #5 CONT	BOTTOM
F2	3' - 0" x 3' - 0" x 1' - 0"	(4) #5 EA WAY	BOTTOM
F3	4' - 0" x 4' - 0" x 1' - 0"	(5) #5 EA WAY	BOTTOM
F4	6' - 4" x 4' - 0" x 1' - 0"	(5) #5 EA WAY	BOTTOM
F5	6' - 0" x 6' - 0" x 1' - 0"	(7) #5 EA WAY	BOTTOM
TS1	2' - 0" x 2' - 0" x 1' - 0"	(3) #5 EA WAY	BOTTOM

TIE BEAM SCHEDULE

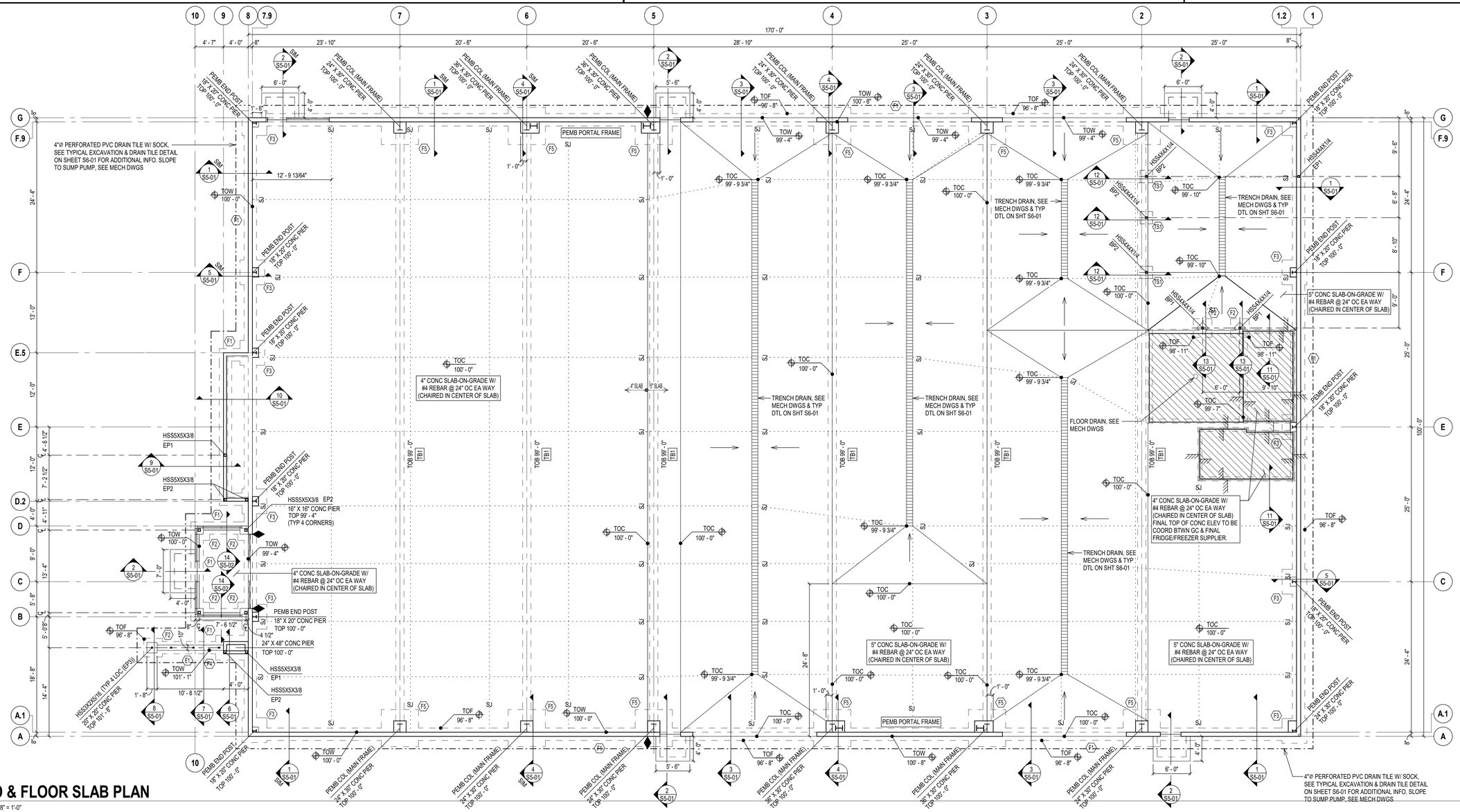
MARK	SIZE (WXH)	REINFORCEMENT	REMARKS
TB1	16"X12"	(4) #6 CONT W/ #4 TIES @ 12" OC	6' - 0" MIN LAP, SEE NOTE

ADDITIONAL REMARKS:

1. PROVIDE MECHANICAL REBAR SPLICES OR MINIMUM LAP AS INDICATED. SPLICES TO BE STAGGERED. MAINTAIN MIN 2" CLEAR COVER AROUND MECHANICAL SPLICES



TB1 DIAGRAM
SCALE: 3/4" = 1' - 0"



1 S1-01

FND & FLOOR SLAB PLAN

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

TRUE NORTH

11/2/2026 2:01:00 PM

BRUNTON
MINNEAPOLIS
Phone: 763.476.3966
7525 Wayzata Blvd.
Minneapolis, MN 55426
MANKATO
Phone: 507.388.7996
225 Belgrade Ave.
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:
Alberson Engineering Inc.
a division of RESPEC
605.343.9606 www.albersonengineering.com

Project:
ECOTOURISM VISITORS CENTER
8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.: F0110.26003 | Date: 11/2/2026
Drawn: MDR/GJH | Checked: LGF
Project Manager: LGF
Project Status: FOR CONSTRUCTION

Sheet Title:
FOUNDATION PLAN

Sheet No.:
S1-01

SHEET NOTES

ROOF FRAMING PLAN NOTES

1. SEE SHEET SERIES S0-xx FOR STRUCTURAL NOTES.
2. VERIFY ALL DIMENSIONS & ELEVATIONS WITH ARCHITECTURAL DRAWINGS BEFORE CONSTRUCTION COMMENCES.
3. ELEVATIONS ON THE STRUCTURAL DRAWINGS REFER TO THE TOP OF CONCRETE REFERENCE ELEVATION SET AT 100'-00" (MAIN FLOOR).
4. METAL ROOF DECKING ON CANOPY SHALL BE 1.5B-36 22GA PAINTED ROOF DECK. ATTACH TO SUPPORT WITH HILTI X HSN 24 PAF IN A SDI 36/4 STANDARD PATTERN W/ (2) # 12 TEK SIDELAP FASTENERS.
5. UNLESS NOTED OTHERWISE OR DETAILED, ALL BEAM TO BEAM CONNECTIONS SHALL BE DOUBLE ANGLE CONNECTIONS. SEE DOUBLE ANGLE CONNECTIONS SCHEDULE ON SHEET SERIES S6-01.
6. UNLESS NOTED OTHERWISE OR DETAILED, ALL W BEAM TO HSS COLUMN SHALL BE AS PER T2 / S6-03
7. UNLESS NOTED OTHERWISE OR DETAILED, ALL HSS TO HSS CONNECTIONS SHALL BE AS PER T1 / S6-03
8. FOR TYPICAL ROOF FRAMING RELATED DETAILS AND SCHEDULES, SEE SHEET SERIES S6-03.

SHEET LEGEND

XXX — DENOTES COLUMN AND / OR PIER SIZE, SEE PIER SCHEDULE ON SHEET SERIES S-6xx.

ALTERNATES (TO BE ITEMIZED SEPARATELY)

SEE ARCH, MECH & ELEC DRAWINGS FOR ADDL INFO ON EACH ALTERNATE OPTION.

ALTERNATE NO. 1 (DEDUCT)

BASE BID ITEM:
PROVIDE & INSTALL ALL CONCRETE FOUNDATIONS AND STEEL FRAMING AS SHOWN WITHIN THE STRUCTURAL CONSTRUCTION DOCUMENTS.

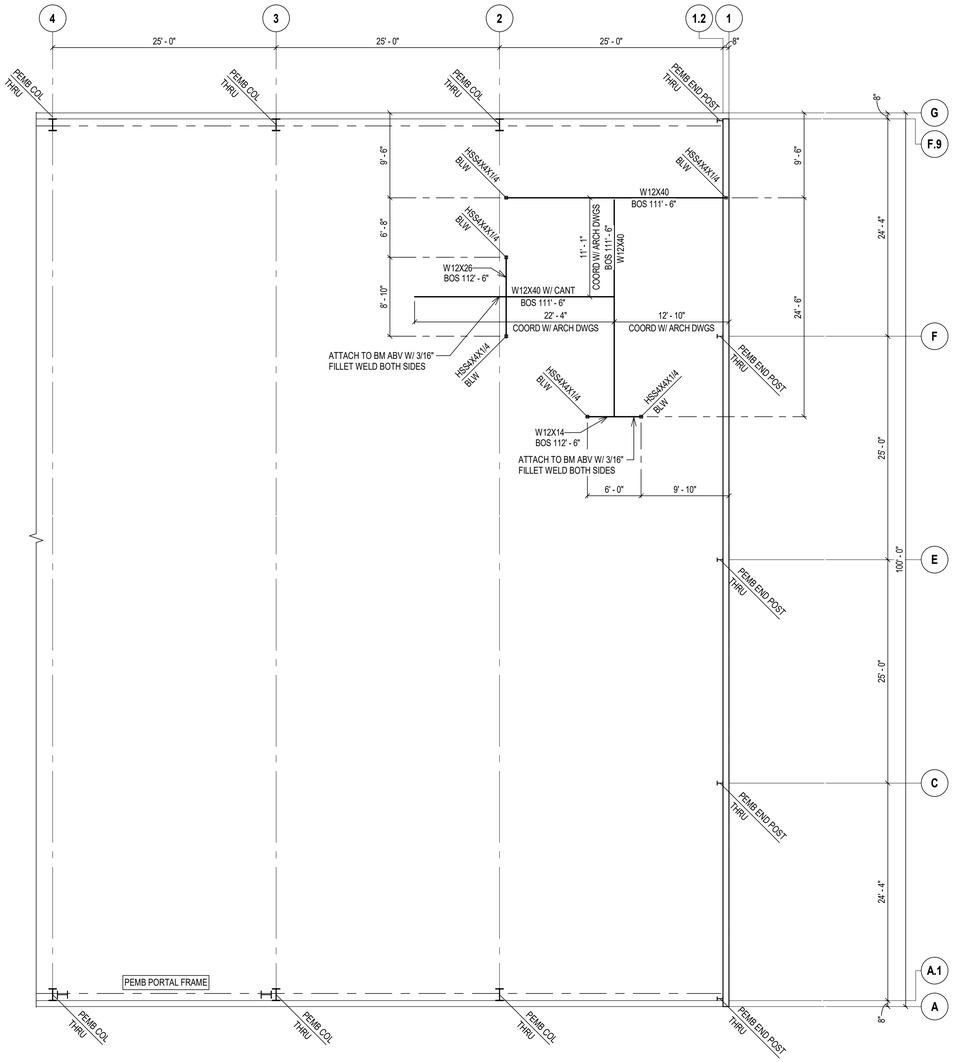
ALTERNATE ITEM:
OMIT STRUCTURAL STEEL FRAMING FOR "GAME CRANE" BETWEEN GRIDLINES 1 AND 2 (SEE SHEET S1-01 AND S1-02). FOOTINGS AND FOUNDATION ELEMENTS FOR GAME CRANE FRAMING SHOULD BE INSTALLED AS PART OF THIS ALTERNATE.

ALTERNATE NO. 2 (DEDUCT)

BASE BID ITEM: ACCEPT ALTERNATE 1.
ALTERNATE ITEM:
OMIT CONCRETE SLAB WEST OF GRIDLINE 2 (BETWEEN GRIDS 1 AND 2). ALONG GRIDLINE 2 PROVIDE THICKENED SLAB EDGE, SEE TYPICAL DETAIL T4 ON SHEET S6-02.

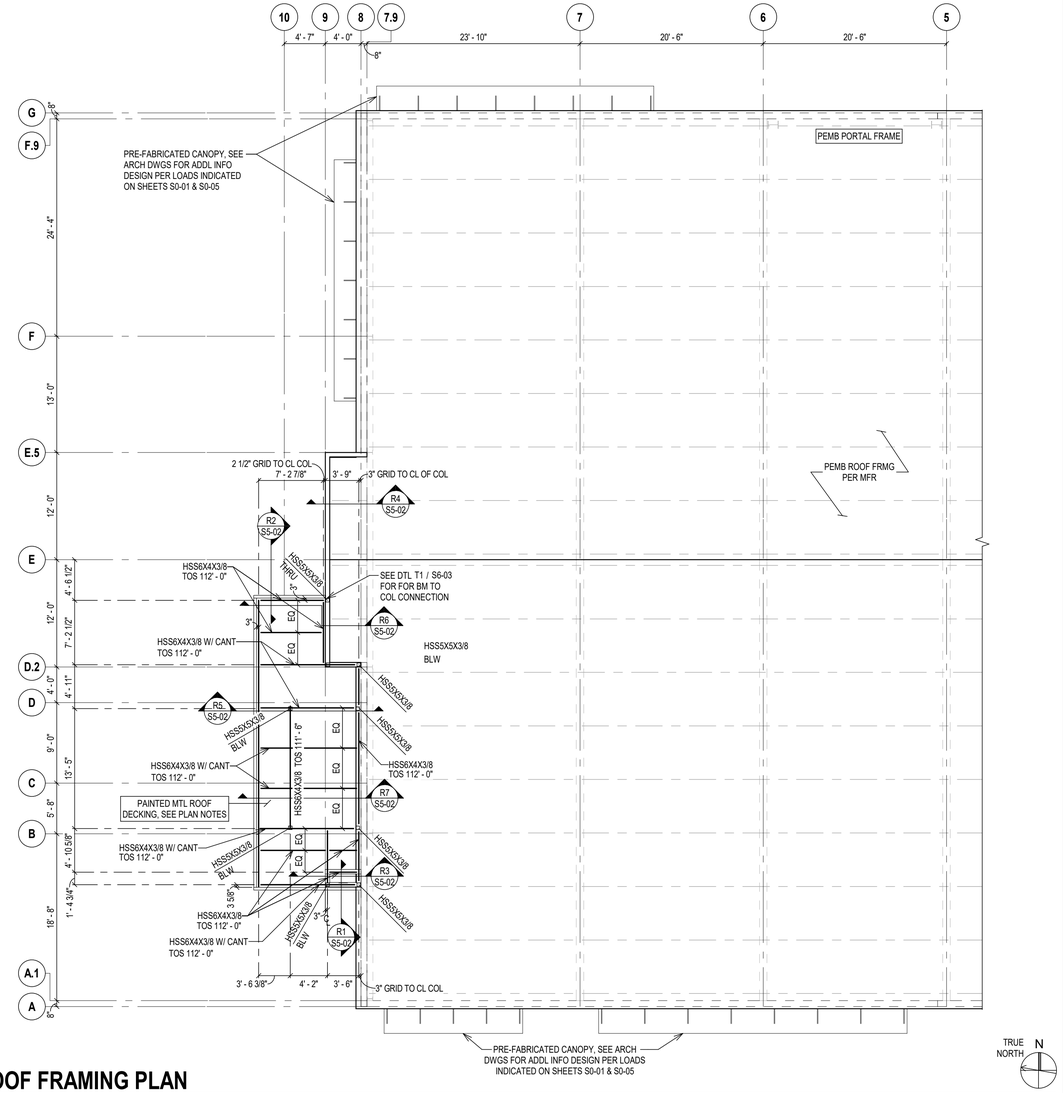
ALTERNATE NO. 2 (DEDUCT)

BASE BID ITEM: ACCEPT ALTERNATE 1 AND 2.
ALTERNATE ITEM:
OMIT PRE-ENGINEERED METAL BUILDING (PEMB) AND FOUNDATIONS WEST OF GRIDLINE 2. SHIFT EXTERIOR FOUNDATION WALL (& ASSOCIATED DETAILS) ALONG GRIDLINE 1 TO APPROXIMATELY GRIDLINE 2 (SHIFT EAST 24'8"). PEMB FRAME ALONG GRIDLINE 2 MUST BE DESIGNED AS AN EXPANDABLE BAY WITH A FUTURE 25'-0" BAY TO THE WEST.



1 / S1-02 **GAME CRANE FRAMING PLAN**

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



2 / S1-02 **ROOF FRAMING PLAN**

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

11/2/2026 2:01:01 PM

BRUNTON

MINNEAPOLIS
763.545.3568
7525 Wayzata Blvd.
Minneapolis, MN 55426

MANKATO
507.387.7996
225 Belgrade Ave.
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:
Albertson Engineering Inc.
a division of RESPEC
605.343.9606 www.albertsonengineering.com

Project:

ECOTOURISM VISITORS CENTER

8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

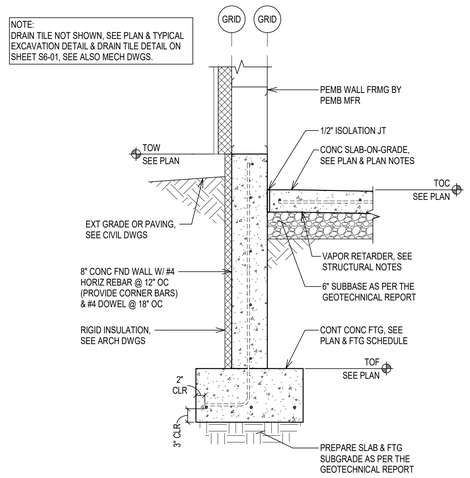
No.: F0110.26003	Date: 11/2/2026
Drawn: MDR/GJH	Checked: LGF
Project Manager: LGF	
Project Status: FOR CONSTRUCTION	

Sheet Title:

ROOF FRAMING PLAN

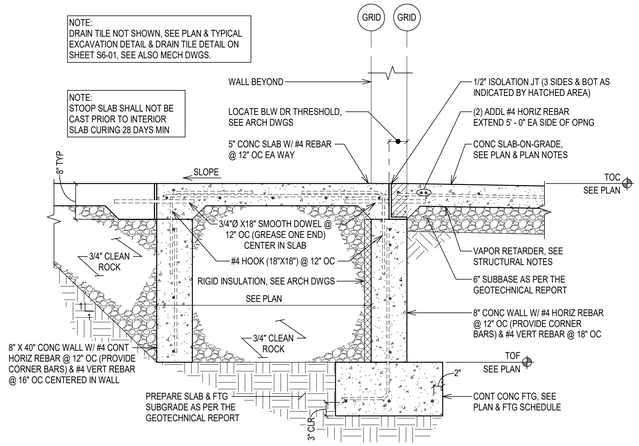
Sheet No.:

S1-02



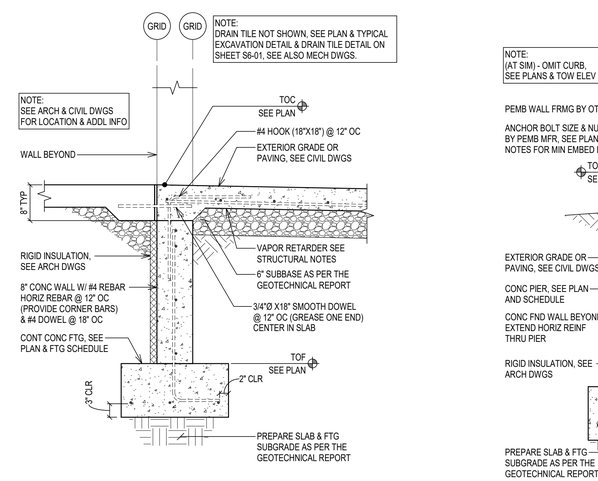
1 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



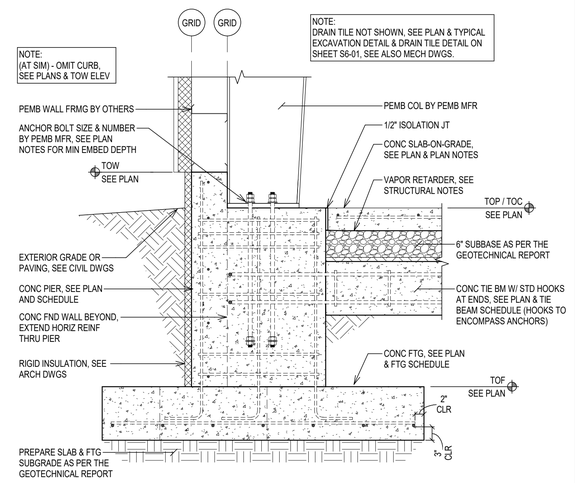
2 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



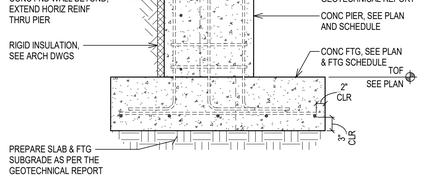
3 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



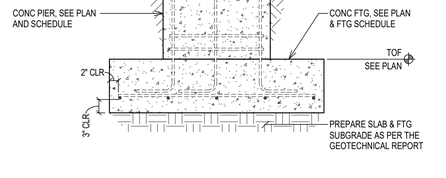
4 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



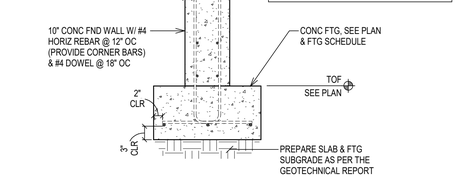
5 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



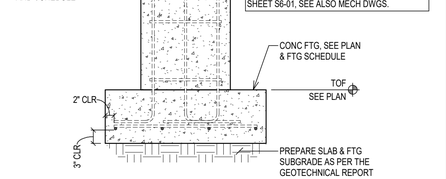
6 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



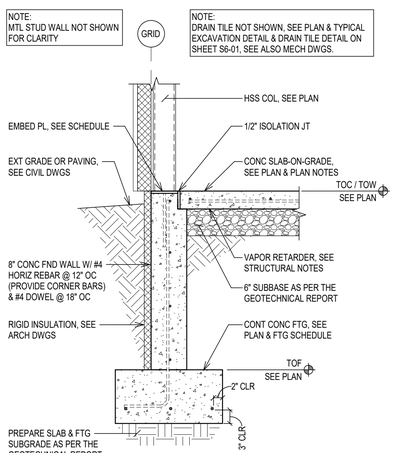
7 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



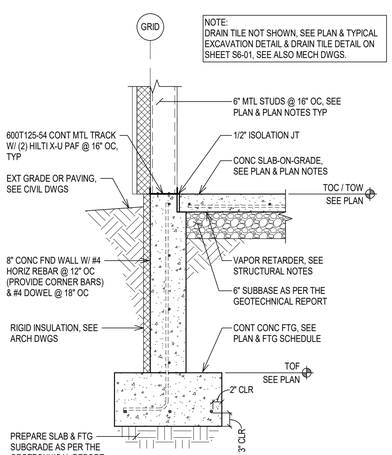
8 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



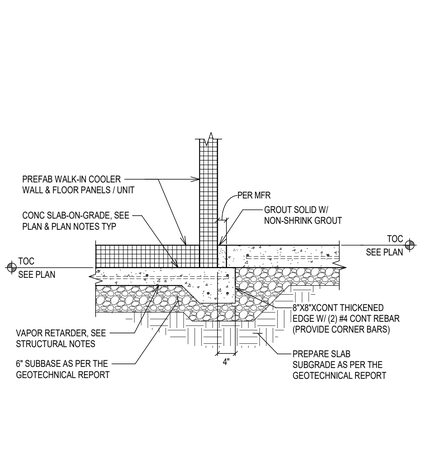
9 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



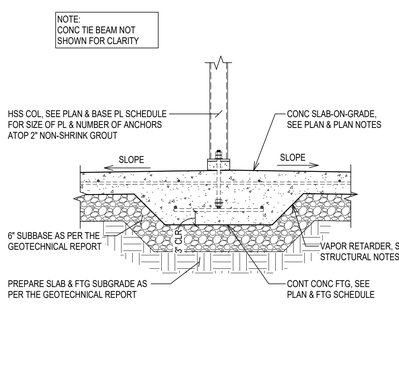
10 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



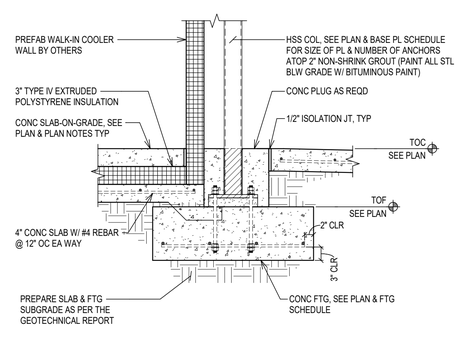
11 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



12 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01



13 S5-01 **FOUNDATION DETAIL**

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01

11/2/2026 2:01:03 PM

BRUNTON

MINNEAPOLIS
Phone: 612.338.2966
7525 Wayzata Blvd.
Minneapolis, MN 55426

MANKATO
Phone: 507.388.7996
225 Belgrade Ave.
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:
Alberson Engineering Inc.
a division of RESPEC
605.343.9606 www.albersonengineering.com

Project:
ECOTOURISM VISITORS CENTER
8472 HIGHWAY 287, LANDER, WY 82520

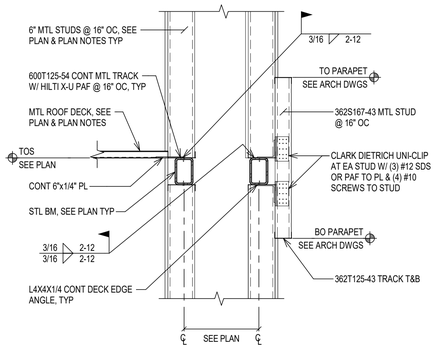
This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.: F0110.26003 Date: 11/2/2026
Drawn: MDR/GJH Checked: LGF
Project Manager: LGF
Project Status: FOR CONSTRUCTION

Sheet Title:
FOUNDATION DETAILS

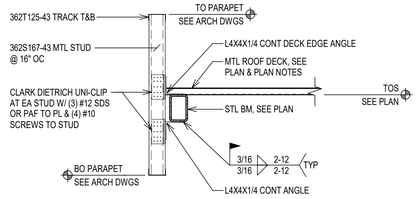
Sheet No.:
S5-01



R1 S5-02

ROOF FRAMING DETAIL

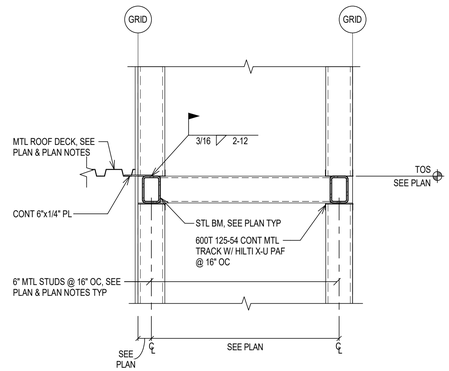
SCALE: 3/4" = 1'-0" REFERENCED FROM: 2 / S1-02



R2 S5-02

ROOF FRAMING DETAIL

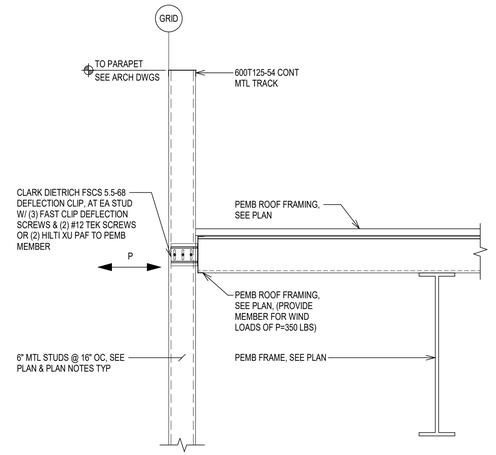
SCALE: 3/4" = 1'-0" REFERENCED FROM: 2 / S1-02



R3 S5-02

ROOF FRAMING DETAIL

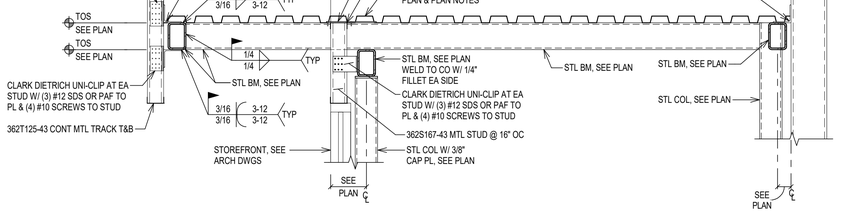
SCALE: 3/4" = 1'-0" REFERENCED FROM: 2 / S1-02



R4 S5-02

ROOF FRAMING DETAIL

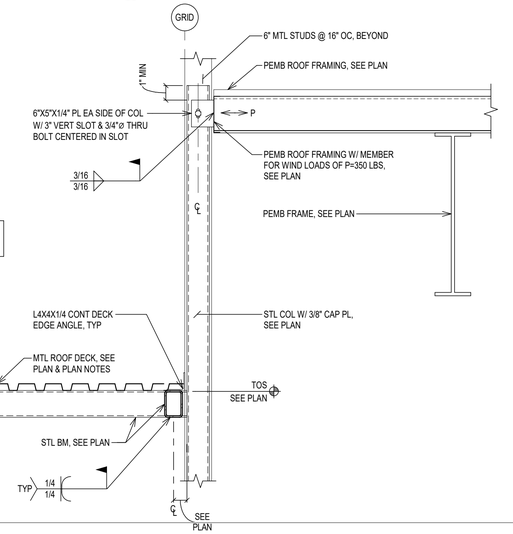
SCALE: 3/4" = 1'-0" REFERENCED FROM: 2 / S1-02



R5 S5-02

ROOF FRAMING DETAIL

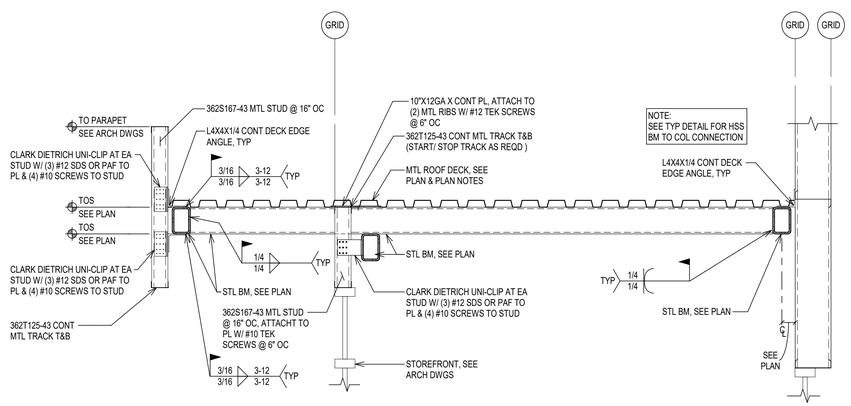
SCALE: 3/4" = 1'-0" REFERENCED FROM: 2 / S1-02



R6 S5-02

ROOF FRAMING DETAIL

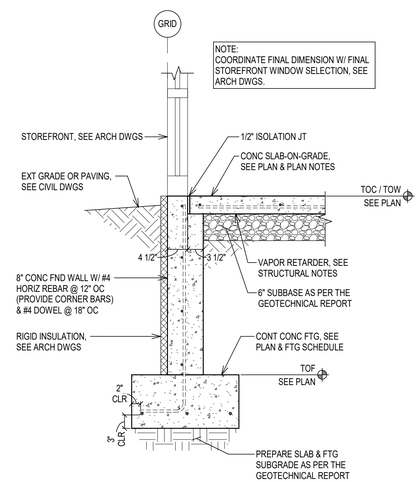
SCALE: 3/4" = 1'-0" REFERENCED FROM: 2 / S1-02



R7 S5-02

ROOF FRAMING DETAIL

SCALE: 3/4" = 1'-0" REFERENCED FROM: 2 / S1-02



14 S5-02

FOUNDATION DETAIL

SCALE: 3/4" = 1'-0" REFERENCED FROM: 1 / S1-01

11/2/2026 2:01:03 PM

BRUNTON
MINNEAPOLIS
763.476.3966
7525 Wayzata Blvd.
Minneapolis, MN 55426
MANKATO
507.387.7996
225 Belgrade Ave.
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:

Albertson Engineering Inc.
a division of RESPEC
605.343.9606 www.albertsonengineering.com

Project:

ECOTOURISM VISITORS CENTER

8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.: F0110.26003 Date: 11/2/2026

Drawn: MDR/GJH Checked: LGF

Project Manager: LGF

Project Status: FOR CONSTRUCTION

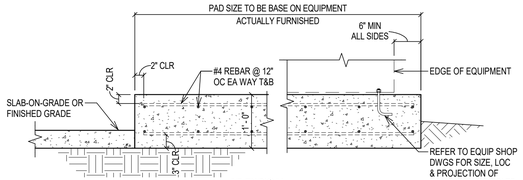
Sheet Title:

ROOF FRAMING DETAILS

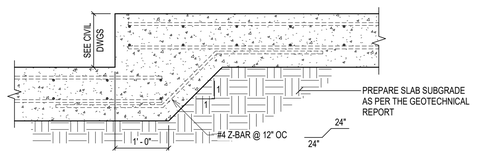
Sheet No.:

S5-02

NOTES:
1. SEE CIVIL AND ARCHITECTURAL DRAWINGS FOR EXTERIOR EQUIPMENT PAD LOCATIONS AND DIMENSIONS. SEE MECHANICAL DRAWINGS FOR EQUIPMENT SIZES AND ANCHORAGE.



AT TYPICAL

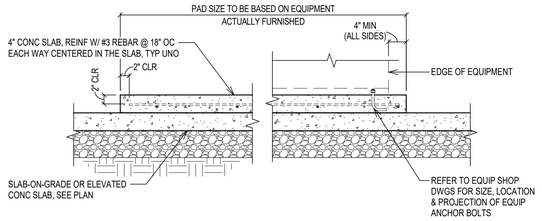


AT STEPPED PAD

T1 S6-01 TYP CIPC SOG EQUIP PAD - EXTERIOR

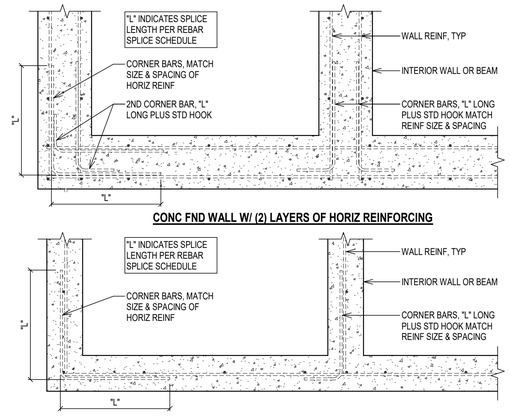
SCALE: NTS

NOTE:
1. SEE MECH & ELECT DWGS FOR PADS REQUIRED
2. OBTAIN APPROVAL OF ENGINEER PRIOR TO PLACING PADS THICKER THAN 4" ON ELEVATED SLABS



T2 S6-01 TYP CIPC SOG EQUIP PAD - INTERIOR

SCALE: NTS



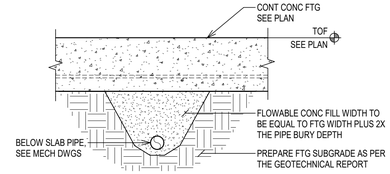
CONC FND WALL W/ (2) LAYERS OF HORIZ REINFORCING

CONC FND WALL W/ (1) LAYER OF HORIZ REINFORCING

T3 S6-01 TYP CIPC WALL CORNER BAR

SCALE: NTS

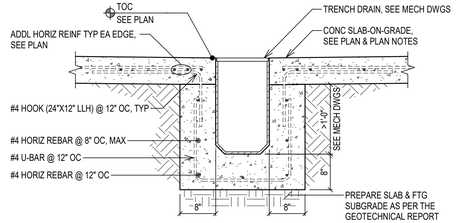
NOTE:
DETAIL ONLY APPLIES WHEN PIPE IS INSTALLED **AFTER** FOOTING IS ALREADY IN PLACE



T4 S6-01 TYP FTG - UTILITY PIPE BLW

SCALE: NTS

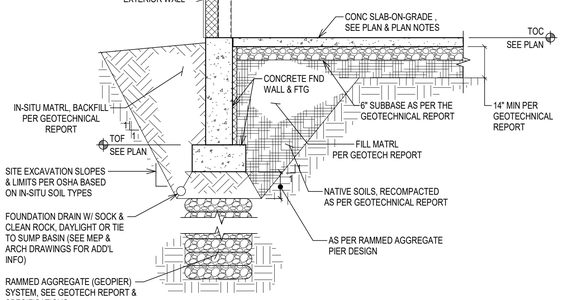
NOTE:
SEE FND DTLS FOR ADDL
INFO BLW SLAB-ON-GRADE



T5 S6-01 TYP CIPC TRENCH DRAIN

SCALE: NTS

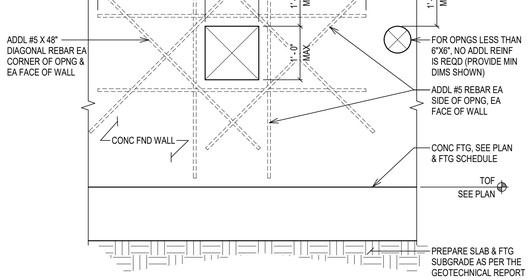
NOTE:
SEE GEOTECHNICAL REPORT FOR ALL FOOTING & SLAB SUBGRADE PREPARATION REQUIREMENTS



T6 S6-01 TYP FTG EXCAVATION - EXTERIOR

SCALE: NTS

NOTE:
CONTACT ENGINEER FOR ALL OPNGS GREATER THAN 12"X12" IN FND WALL



T7 S6-01 TYP CIPC FND WALL OPENING

SCALE: NTS

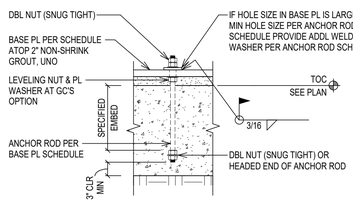
REBAR LAP SPLICE SCHEDULE

BAR SIZE	SPLICE IN CONCRETE	
	HORIZ BAR	VERT BAR
#3	18"	14"
#4	24"	18"
#5	30"	24"
#6	36"	28"
#7	56"	44"
#8	70"	54"
#9	88"	68"

ADDITIONAL REMARKS:

T8 S6-01 SCHEDULE - REBAR LAP SPLICE

SCALE: NTS



ANCHOR ROD SCHEDULE

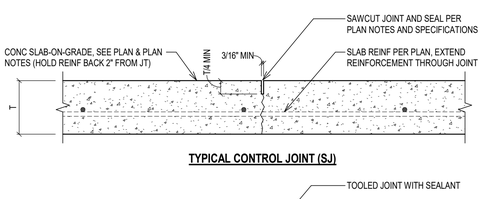
ANCHOR DIAMETER	HOLE IN BASE PLATE		PL WASHER SIZE (SQ OR ROUND)	
	MIN HOLE Ø	MAX HOLE Ø	DIM OR DIA	THICKNESS
3/4"Ø	13/16"	1 5/16"	2"	1/4"
7/8"Ø	15/16"	1 9/16"	2-1/2"	5/16"
1"Ø	1-1/8"	1-7/8"	3"	3/8"
1-1/4"Ø	1-3/8"	2-1/8"	3-1/2"	1/2"
1-1/2"Ø	1-5/8"	2-3/8"	4"	1/2"

ADDITIONAL REMARKS:

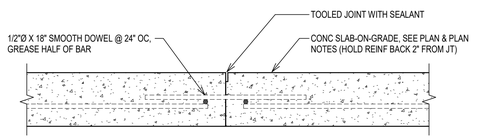
1. PLATE WASHERS SHALL BE SQUARE OR ROUND WITH MINIMUM DIMENSION OR DIAMETER AND THICKNESS PER SCHEDULE.
2. PLATE WASHERS SHALL BE A36 (Fy = 36 KSI), MIN

T9 S6-01 SCHEDULE - ANCHOR ROD

SCALE: NTS



TYPICAL CONTROL JOINT (SJ)



TYPICAL CONSTRUCTION JOINT

NOTE:
1. ALL JOINTS TERMINATING A POUR SHALL BE FORMED CONSTRUCTION JOINTS EXCEPT AT WALLS AND COLUMNS. THESE ARE ISOLATION JOINTS.
2. CONTROL JOINTS SHALL BE CUT WITH AN EARLY ENTRY SAW (SOFF-CUT OR SIMILAR)
3. TIME SAW CUTTING OPERATION TO AVOID SHRINKAGE AND CRACKING. CONTROL JOINTS SHOULD BE CUT WITHIN 8 HOURS OF SLAB PLACEMENT UNLESS IN THE UNUSUAL EVENT THAT AGGREGATE IS DISLODGING FROM THE JOINT. IN THIS SPECIAL CASE, TIME TO SAW CUT CAN BE EXTENDED TO NO MORE THAN 12 HOURS FROM SLAB PLACEMENT.

T10 S6-01 TYP CIPC SOG JOINTS

SCALE: NTS

CONCRETE SLAB SCHEDULE OF CURING METHODS AND TREATMENTS

FLOOR TYPE (a)	CURING OPTIONS (b)	DENSIFIER/HARDENERS (b)	OTHER TREATMENTS (b)
AREAS W/ EXPOSED CONCRETE	1. LIQUID NON-MEMBRANE FORMING CURING COMPOUND A. MED CURE BY WR MEADOWS B. OR APPROVED EQUAL (e) 2. SATURATED BURLAP 3. PLASTIC FILM	1. LIQUID DENSIFIER/HARDENER A. LIQUIHARD ULTRA BY WR MEADOWS B. OR APPROVED EQUAL (e)	1. PENETRATING SILENE PRODUCT A. BELLATRIX BY WR MEADOWS B. OR APPROVED EQUAL (e)
AREAS WITH EPOXY FLOORING	1. LIQUID NON-MEMBRANE FORMING CURING COMPOUND A. MED CURE BY WR MEADOWS B. PROSPEC CURE & SEAL WB C. OR APPROVED EQUAL (e) 2. DISSIPATING LIQUID MEMBRANE FORMING COMPOUND (c) 3. SATURATED BURLAP 4. PLASTIC FILM	NONE REQUIRED	NONE REQUIRED
AREAS WITH OTHER FLOOR COVERINGS	1. LIQUID NON-MEMBRANE FORMING CURING COMPOUND (c) A. MED CURE BY WR MEADOWS B. OR APPROVED EQUAL (e) 2. PLASTIC FILM	NONE REQUIRED	NONE REQUIRED

ADDITIONAL REMARKS:

a. REFER TO ARCHITECTURAL FINISH PLANS FOR SPECIFIC LOCATIONS OF FLOOR TYPE.
b. SEE SPECIFICATION FOR SPECIFIC INFORMATION RELATED TO CURING METHODS, DENSIFIER/HARDENER, OR OTHER PRODUCTS LISTED.
c. CONTRACTOR MUST VERIFY COMPATIBILITY OF CURING COMPOUND WITH FLOORING MANUFACTURER IN WRITING.
d. WHERE THE USE OF MULTIPLE MANUFACTURERS FOR CURING COMPOUNDS, DENSIFIERS/HARDENERS, AND OTHER TREATMENTS ARE USED, A WRITTEN STATEMENT OF COMPATIBILITY FROM EACH MANUFACTURER IS REQUIRED.
e. SUBMIT PRODUCT DATA FOR REVIEW

T11 S6-01 SCHEDULE - CONCRETE SLAB CURING METHODS AND TREATMENTS

SCALE: NTS

BRUNTON
MINNEAPOLIS
763.476.3806
7525 Wayzata Blvd
Minneapolis, MN 55426
MANKATO
507.345.7996
225 Belgrade Ave
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:
Albertson Engineering Inc. a division of RESPEC
605.343.9606 www.albertsonengineering.com

Project:
ECOTOURISM VISITORS CENTER
8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.: F0110.26003 Date: 11/2/2026
Drawn: MDR/GJH Checked: LGF
Project Manager: LGF
Project Status: FOR CONSTRUCTION

Sheet Title:
STANDARD DETAILS / SCHEDULES

Sheet No.:
S6-01

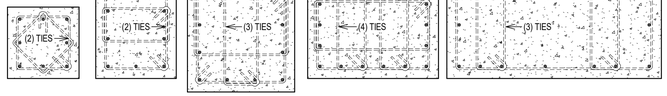
11/2/2026 2:01:04 PM

CONCRETE PIER SCHEDULE

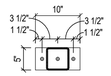
SIZE	REINFORCEMENT		REMARKS
	VERT REINF	TIE SIZE & SPACING	
16" X 16"	(8) #6	#4 @ 12" OC	SEE PIER DIAGRAM P1
18" X 20"	(10) #6	#4 @ 12" OC	SEE PIER DIAGRAM P2
24" X 30"	(12) #6	#4 @ 12" OC	SEE PIER DIAGRAM P3
36" X 30"	(16) #6	#4 @ 12" OC	SEE PIER DIAGRAM P4
24" X 48"	(16) #6	#4 @ 12" OC	SEE PIER DIAGRAM P5
20" X 20"	(10) #6	#4 @ 12" OC	SEE PIER DIAGRAM P2

ADDITIONAL REMARKS:

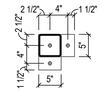
1. PROVIDE (2) #4 TIES WITHIN TOP 6" OF CONCRETE PIERS THAT RECEIVE THREADED ROD ANCHOR BOLTS.
2. SEE SECTIONS FOR ADDITIONAL TIE REINFORCING FOR PIERS ADJACENT TO EXISTING FOUNDATION WALLS.
3. CONTINUE HORIZONTAL WALL REINFORCING THRU PIER.
4. PROVIDE CORNER BARS AT CORNERS.



PIER DIAGRAM P1 | PIER DIAGRAM P2 | PIER DIAGRAM P3 | PIER DIAGRAM P4 | PIER DIAGRAM P5



EP1 DIAGRAM



EP2 DIAGRAM



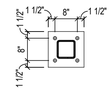
EP3 DIAGRAM

EMBED PLATE SCHEDULE

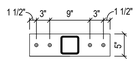
MARK	PLATE SIZE	ANCHORS	EMBEDMENT	REMARKS
EP1	5"X10"X3/8"	(3) 1/2"Ø DBA	12" MIN	SEE EP1 DIAGRAM
EP2	SEE DIAGRAM	(3) 1/2"Ø DBA	12" MIN	SEE EP2 DIAGRAM
EP3	7"X7"X3/8"	(4) 1/2"Ø DBA	12" MIN	SEE EP3 DIAGRAM

ADDITIONAL REMARKS:

1. (DBA) - DEFORMED BAR ANCHOR BOLTS



BP1 DIAGRAM



BP2 DIAGRAM

BASE PLATE SCHEDULE

MARK	PLATE SIZE	ANCHORS	EMBEDMENT	REMARKS
BP1	11"X11"X3/4"	(4) 3/4"Ø TR	9" MIN	SEE BP1 DIAGRAM
BP2	5"X18"X3/4"	(4) 3/4"Ø TR	9" MIN	SEE BP2 DIAGRAM

ADDITIONAL REMARKS:

1. (TR) - THREADED ROD ANCHOR BOLTS

T1 S6-02 SCHEDULE - CONCRETE SQUARE PIER SCHEDULE

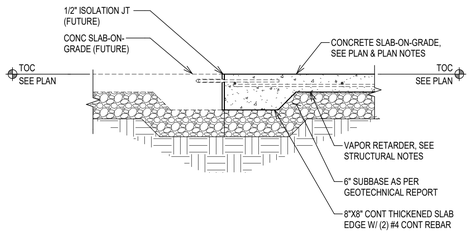
SCALE: NTS

T2 S6-02 SCHEDULE - EMBED PLATE

SCALE: NTS

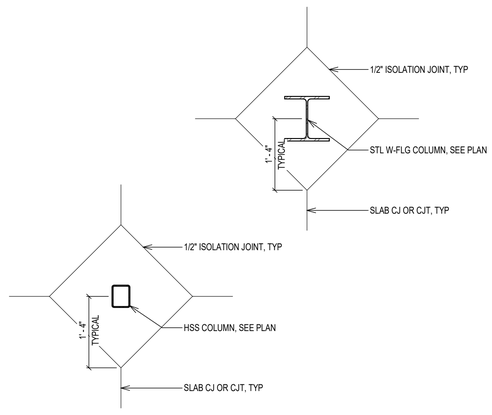
T3 S6-02 SCHEDULE - BASE PLATE

SCALE: NTS



T4 S6-02 FOUNDATION DETAIL (FOR DEDUCT ALTERNATE #2)

SCALE: NTS



T5 S6-02 TYP STL COL - ISOLATION JT

SCALE: NTS

11/2/2026 2:01:04 PM

BRUNTON
MINNEAPOLIS
763.476.3666
7525 Wayzata Blvd
Minneapolis, MN 55426
MANKATO
507.387.7996
225 Belgrade Ave
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:
Alberson Engineering Inc.
a division of RESPEC
605.343.9606 www.albertsonengineering.com

Project:
ECOTOURISM VISITORS CENTER
8472 HIGHWAY 287, LANDER, WY 82520

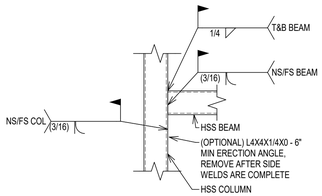
This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

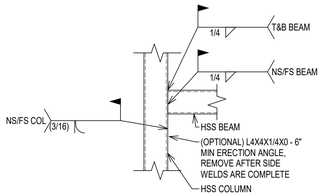
No.: F0110.26003 | Date: 11/2/2026
Drawn: MDR/GJH | Checked: LGF
Project Manager: LGF
Project Status: FOR CONSTRUCTION

Sheet Title:
STANDARD DETAILS / SCHEDULES

Sheet No.:
S6-02



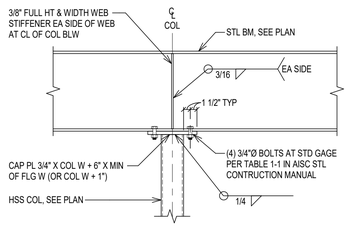
HSS BEAM SAME WIDTH AS HSS COLUMN



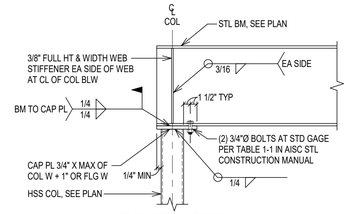
HSS BEAM NARROWER THAN HSS COLUMN

T1 S6-03 TYP STL COL - HSS TO HSS WELDED

SCALE: NTS



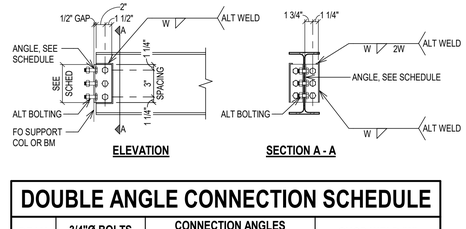
BEAM CANTILEVERS OVER COL



BEAM STOPS ABV COL

T2 S6-03 TYP STL BM ATOP STL COL

SCALE: NTS



DOUBLE ANGLE CONNECTION SCHEDULE

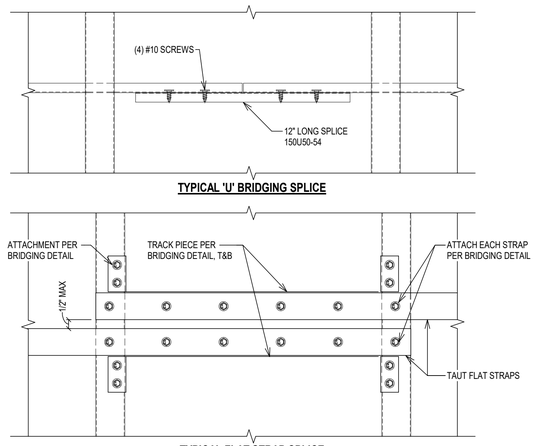
BEAM	3/4"Ø BOLTS F3125 GR F1852	CONNECTION ANGLES		SHOP WELD 'W'
		SIZE	LENGTH	
W8 & W10	2	L4X3X3/8 (SEE DIAGRAM)	5-1/2"	5/16" FILLET
W12 & 14	3	L4X3X3/8 (SEE DIAGRAM)	8-1/2"	5/16" FILLET

ADDITIONAL REMARKS:

1. USE E70XX ELECTRODES.
2. SIZE & NUMBER OF BOLTS INTO SUPPORTING MEMBER TO BE TWICE THE NUMBER OF BOLTS INTO THE BEAM & OF THE SAME SIZE.
3. ANGLE MAY BE WELDED TO SUPPORT WITH ALTERNATE WELD SHOWN.
4. FOR SKEWS > 5°, PROVIDE 3/8" BENT PLATE.
5. ANGLE SIZE AND NUMBER OF BOLTS ARE GOVERNED BY THE SMALLER BEAM WITHIN THE CONNECTION.
6. IF AN ALL WELDED CONNECTION IS UTILIZED AND THE ANGLE LENGTH IS LESS THAN 18", ANGLE SIZE SHALL BE L3X3X3/8.

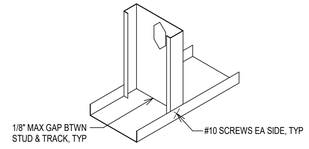
T3 S6-03 SCHEDULE - ANGLE CONNECTION (DBL)

SCALE: NTS



T4 S6-03 TYP MTL STUD BRIDGING SPLICE

SCALE: NTS

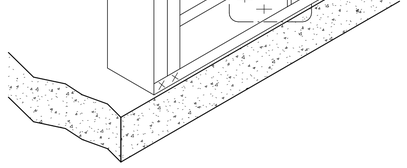


T5 S6-03 TYP MTL STUD TO TRACK

SCALE: NTS

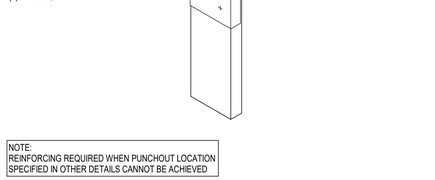
LOCATION	NUMBER OF FASTENERS REQUIRED
TYPICAL FRAMING	(2) 0.157"Ø PAF @ 16" OC
JAMBS	(4) 0.157"Ø PAFS PER JAMB STUD

NOTES:
1. 1-1/4" EMBED REQUIRED FOR ALL PAFs



T6 S6-03 TYP MTL STUD BOTTOM TRACK TO CONC

SCALE: NTS

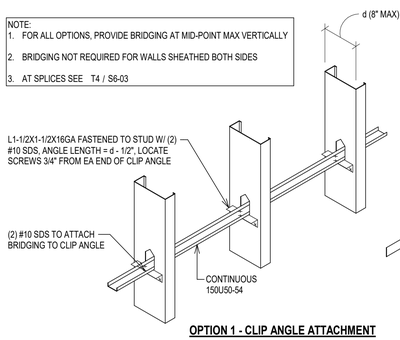


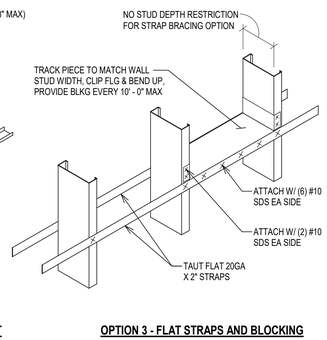
NOTE:
REINFORCING REQUIRED WHEN PUNCHOUT LOCATION SPECIFIED IN OTHER DETAILS CANNOT BE ACHIEVED

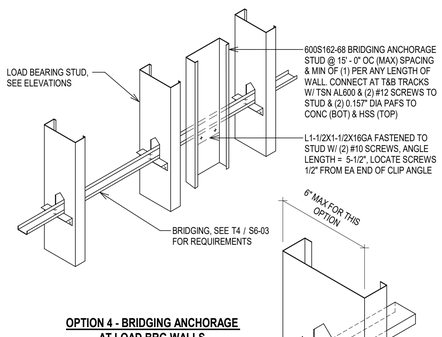
T7 S6-03 TYP MTL STUD PUNCHOUT REINFORCING

SCALE: NTS

NOTE:
1. FOR ALL OPTIONS, PROVIDE BRIDGING AT MID-POINT MAX VERTICALLY
2. BRIDGING NOT REQUIRED FOR WALLS SHEATHED BOTH SIDES
3. AT SPLICES SEE T4 / S6-03







T8 S6-03 TYP MTL STUD WALL BRIDGING

SCALE: NTS

11/2/2026 2:01:05 PM

BRUNTON
MINNEAPOLIS
Phone: 763.476.3966
7525 Wayzata Blvd.
Minneapolis, MN 55426
MANKATO
Phone: 507.387.7996
225 Belgrade Ave.
North Mankato, MN 56003

Stamp:

Plan Review Stamp:

Consultant:
Alberson Engineering Inc.
a division of RESPEC
605.343.9606 www.albersonengineering.com

Project:

ECOTOURISM VISITORS CENTER

8472 HIGHWAY 287, LANDER, WY 82520

This document is by Brunton Architects, Ltd and contains privileged and confidential information intended for use by Brunton Architects, Ltd only. Any disclosure or distribution of this document or information contained herein, without prior written consent of Brunton Architects, Ltd is prohibited.
© ALL RIGHTS RESERVED

REVISION:

No.: F0110.26003 Date: 11/2/2026

Drawn: MDR/GJH Checked: LGF

Project Manager: LGF

Project Status: FOR CONSTRUCTION

Sheet Title:

STANDARD DETAILS / SCHEDULES

Sheet No.:

S6-03