DRAWING LEGEND

+ 100.0 — New or Required Point Elevation

+ 100.0 — Existing Point Elevation

+ 100.0 — Existing Contours

+ 100.0 — New or Required Contours

A — Grid Lines

Room 1 — Space Number

101 — Door Number

1 — Wall Tag

1 / 5.1 — Detail Number / Page Number

1 / 3.1 — Building Section

1 / 4.1 — Wall Section

1 / 5.1 — Detail Section

1 / 7.1 — Interior Elevation

1 / 2.1 — Exterior Elevation

CONSULTANTS

ARCHITECT **Kueny Architects, LLC**
(262) 857-8101
Architect of Record - Jon Wallenkamp

10505 Corporate Drive, Suite 100
Pleasant Prairie, Wisconsin 53158

SITE MAP

GENERAL NOTES

1. All concrete to test 4000 psi in 28 days.
2. Verify all dimensions, access, utilities and working conditions in the field.
3. Conform to all applicable codes, ordinances and safety standards.
4. Obtain and pay for all required permits and fees.
5. Notify Architect immediately if work cannot proceed as shown on Drawings or as described in the Specifications.
6. No concrete to be poured without Architect's prior review.
7. All Contractor's to co-operate with all trades, Owner's and Architect's representatives.
8. Leave site clean, neat and free of debris at all times.
9. Each Prime and Sub-contractor is responsible for having read each page of the Specifications, Drawings, Addenda and Change Orders.
10. Guard against interfering with Owner's operations.
11. These Drawings contain no provisions or procedures for on-site safety. Each Contractor and their employees are responsible to follow all laws and ordinances and provide their own engineering to provide a safe work place.
12. The locations of existing underground utilities, shown on these Drawings, are shown in an approximate way only and have not been independently verified by the Owner or its representatives. The Contractor shall determine the exact location of all existing utilities before commencing work, and agrees to be fully responsible for any and all damages which might be occassioned by the Contractor's failure to exactly locate and preserve any and all underground utilities.
13. Services perform for this project have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in this area under similar budget and time constraints. No warranty, expressed or implied, is made.

MATERIAL INDICATIONS

Earth Backfill		Sand Fill	
Rigid Insulation		Concrete	
Concrete Block		Finished Wood	
Aluminum		Stone Fill	
Lumber (Rough)		Plywood	
Steel		Batt Insulation	

SHEET INDEX

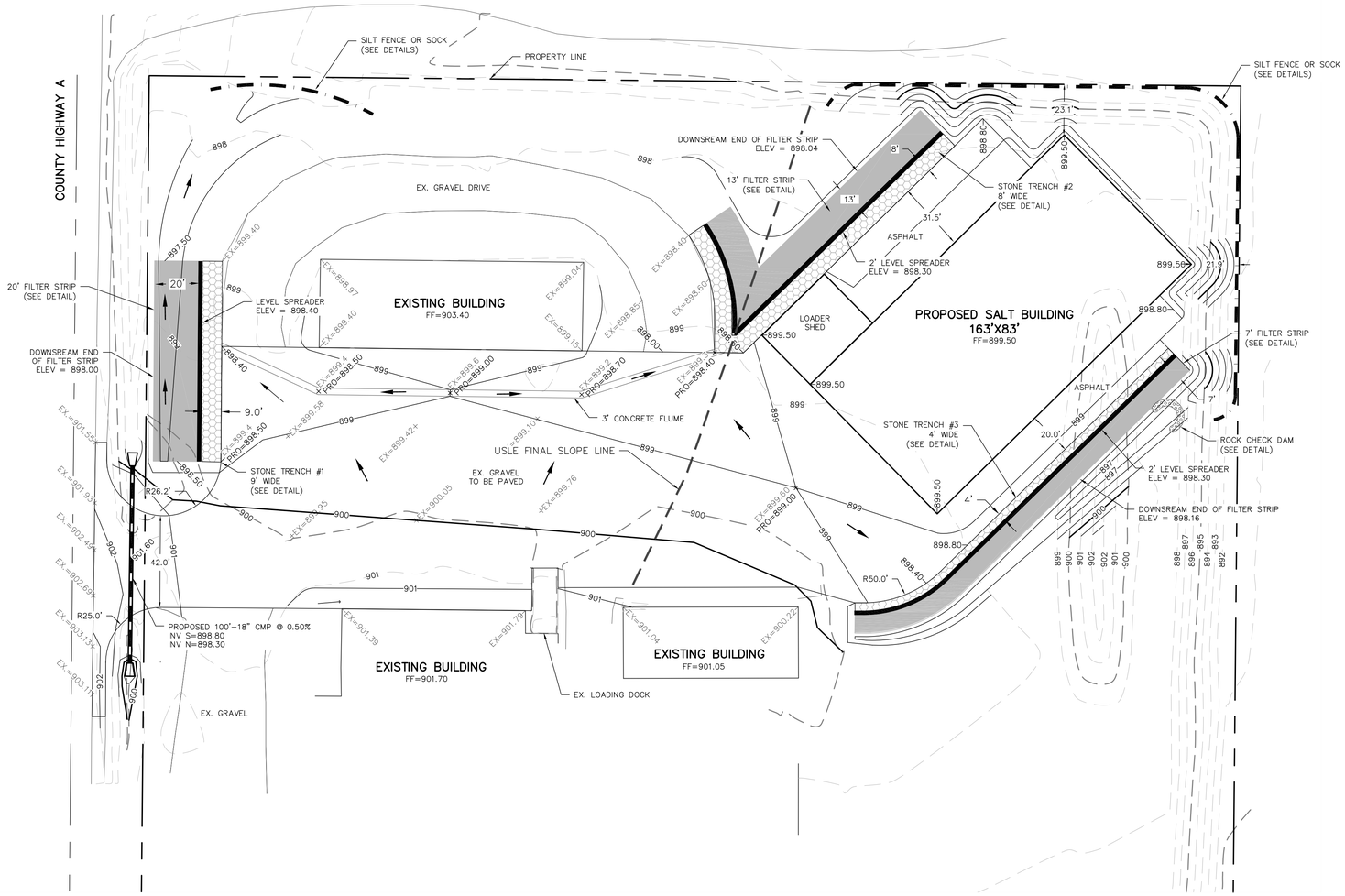
Salt Storage Shed
RFB 318008 Dane County
Town of Albion, Wisconsin 53534

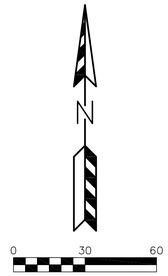
KUENY ARCHITECTS, LLC
10505 CORPORATE DRIVE - SUITE 100 PLEASANT PRAIRIE, WI 53158
PHONE (262) 857-8101 FAX (262) 857 8103

RFB 318008 Dane County
Salt Storage Shed

July 3, 2018

1.0





EROSION NOTES:

EXISTING GRAVEL TRACKING PAD IS TO BE MAINTAINED BY THE CONTRACTOR IN A CONDITION, WHICH WILL PREVENT THE TRACK OF MUD OR DRY SEDIMENT ONTO THE ADJACENT PUBLIC STREETS. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORKDAY.

EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO GRADING OPERATIONS AND SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS ESTABLISHED. ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF A 0.5 INCH RAIN EVENT. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.

CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1.

EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECOGNIZING AND CORRECTING ALL EROSION CONTROL PROBLEMS THAT ARE A RESULT OF CONSTRUCTION ACTIVITIES. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.

TIME SCHEDULE:

SEPT. 15, 2018	INSTALL INITIAL EROSION CONTROL DEVICES.
SEPT. 15, 2018 – MARCH 15, 2019	GRADE SITE. INSTALL CULVERT. CONSTRUCT DRIVEWAY AND LIMESTONE TRENCH. START BUILDING CONSTRUCTION.
MARCH 15, 2019 – JUNE 1, 2019	COMPLETE BUILDING CONSTRUCTION AND FINAL GRADING. CONSTRUCT FILTER STRIPS. RESTORE PERVIOUS DISTURBED AREAS.

RESTORATION NOTES:

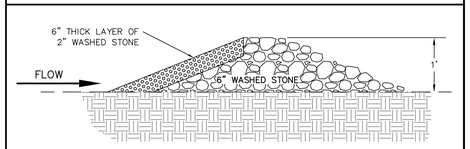
RESTORATION WILL OCCUR AS SOON AFTER THE DISTURBANCE AS PRACTICAL. SLOPES GREATER THAN 20% SHALL BE RESTORED WITHIN 30 DAYS.

ALL PERVIOUS DISTURBED AREAS SHALL RECEIVE A MINIMUM OF FOUR (4) INCHES OF TOPSOIL, SEED AND MULCH. SEED MIXTURE 40 SHALL BE USED. MIXTURES SHALL BE IN ACCORDANCE WITH SECTION 630 OF D.O.T. SPECIFICATIONS. AN EQUAL AMOUNT OF ANNUAL RYEGRASS SHALL BE ADDED TO THE MIX. SEED MIXTURES SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. ALL PERVIOUS DISTURBED AREAS SHALL RECEIVE FERTILIZER EXCEPT NATIVE PLANTING AREAS. FERTILIZER SHALL BE APPLIED AT THE RATE OF FOUR (4) POUNDS PER 1,000 SQUARE FEET. FERTILIZER SHALL MEET THE MINIMUM REQUIREMENTS THAT FOLLOW: NITROGEN, NOT LESS THAN 16%. PHOSPHORIC ACID, NOT LESS THAN 8%. POTASH, NOT LESS THAN 8%. MULCH SHALL CONSIST OF HAY OR STRAW APPLIED AT THE RATE OF 2 TONS PER ACRE.

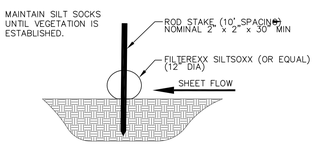
SEEDING FROM OCTOBER 1 THROUGH NOVEMBER 15 SHOULD BE AVOIDED TO PREVENT FREEZING OF NEW GROWTH. ADD WINTER WHEAT SEED AT ONE POUND PER 1,000 SQUARE FEET FOR SEEDING AFTER NOVEMBER 15.

OWNER:
WI DOT
2101 WRIGHT STREET
MADISON, WI 53704

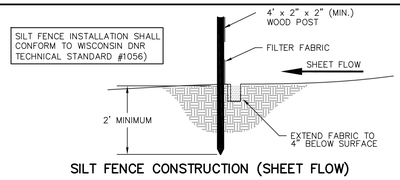
ENGINEER:
QUAM ENGINEERING, LLC
ATTN: RYAN QUAM
4604 SIGGELKOW ROAD, SUITE A
MCFARLAND, WI 53558



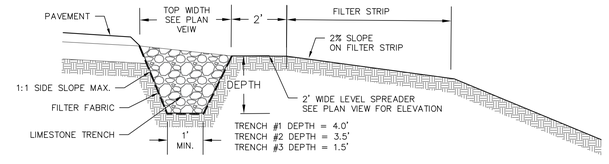
ROCK CHECK DAM DETAIL



SILT SOCK DETAIL



SILT FENCE CONSTRUCTION (SHEET FLOW)

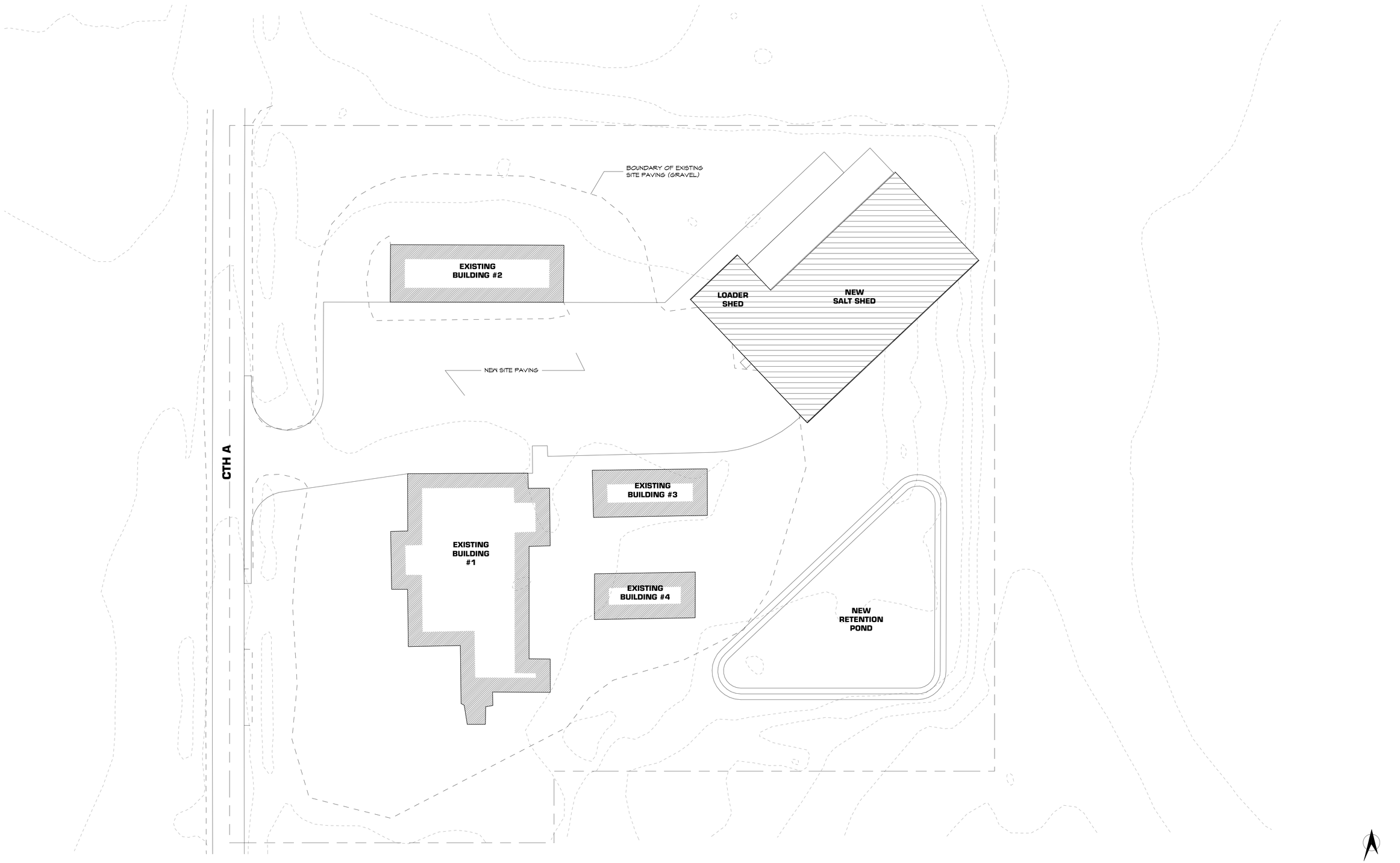


STONE TRENCH AND FILTER STRIP DETAIL

1015 COUNTY HIGHWAY A
GRADING AND EROSION CONTROL PLAN

SHEET: C-1
DATED: JULY 3, 2018

QUAM ENGINEERING, LLC
Residential and Commercial Site Design Consultants
www.quamengineering.com
4604 Siggelkow Road, Suite A – McFarland, Wisconsin 53558
Phone (608) 838-7750; Fax (608) 838-7752



1 **Site Plan**
1" = 30'-0"

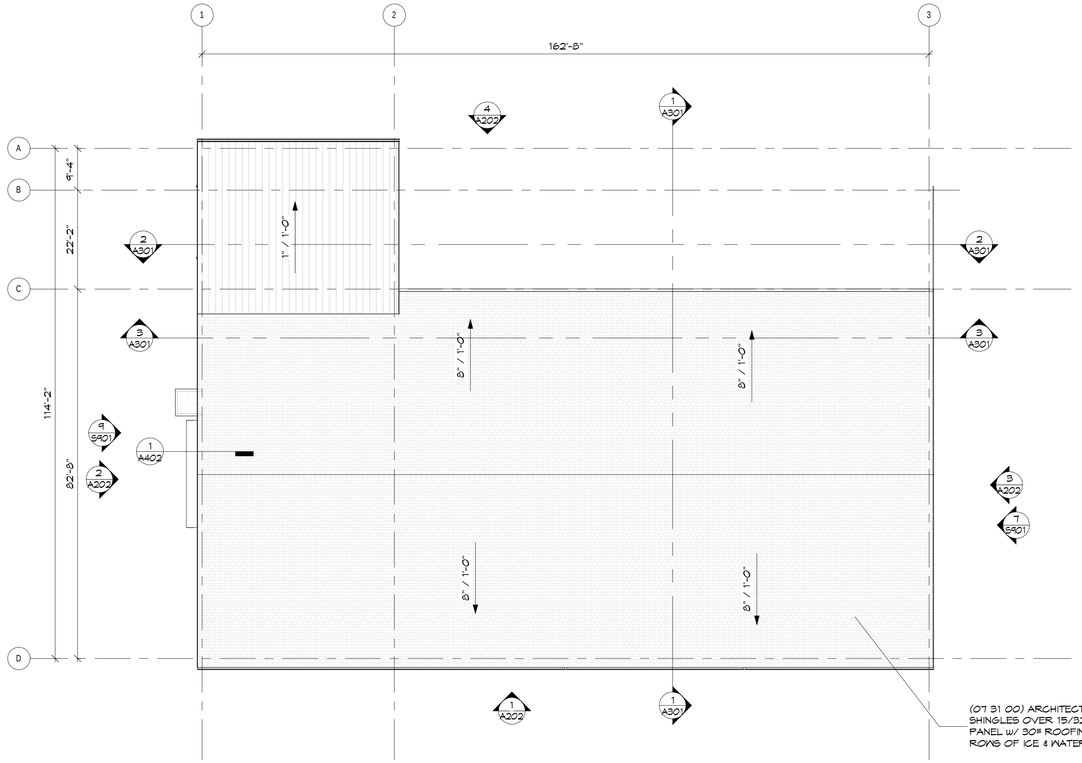
TRUE NORTH

PLAN NORTH
SCALE: 1" = 30'-0"

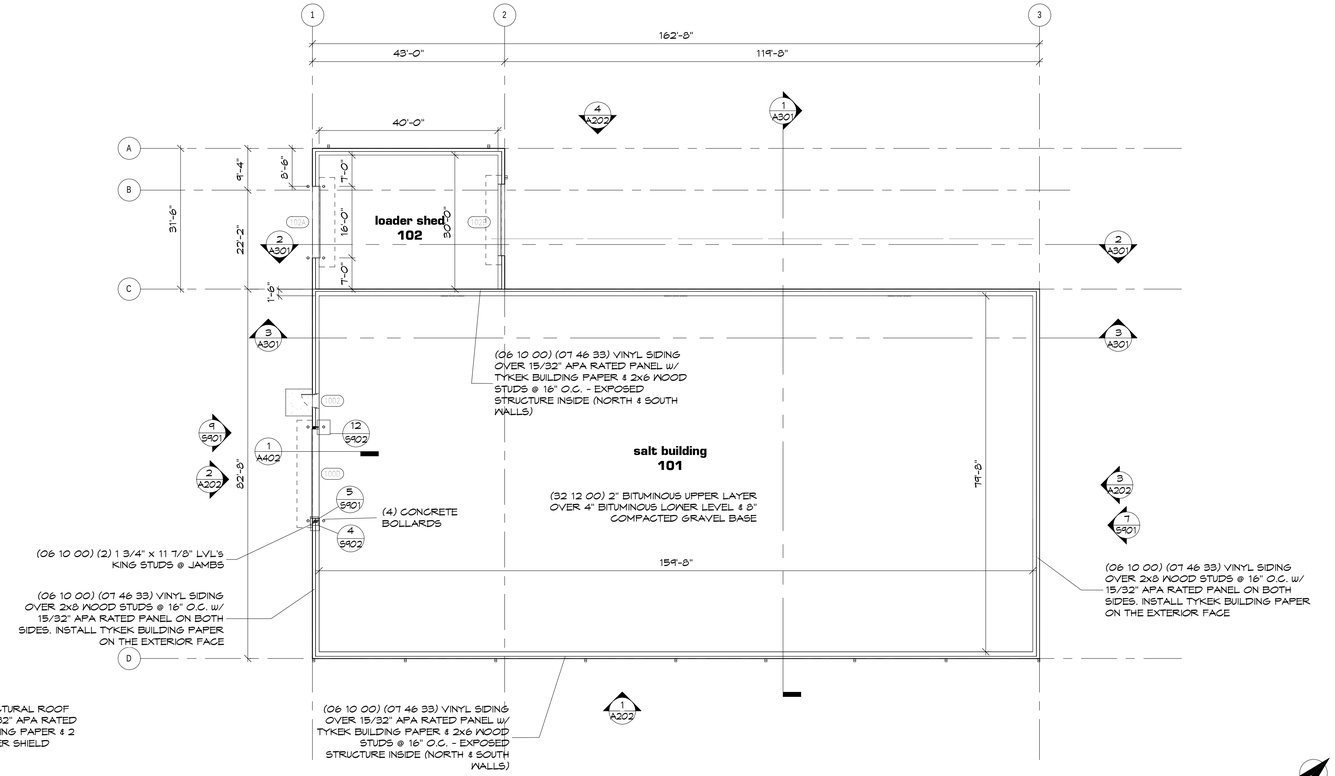
Site Plan

RFB 318008 Dane County - Salt Storage Shed
Town of Albion, Wisconsin 53534
July 3, 2018

A101



2 Roof Plan
1/16" = 1'-0"



1 Floor Plan
1/16" = 1'-0"

TRUE NORTH

PLAN NORTH
SCALE: 1/16" = 1'-0"

Floor Plans

RFB 318008 Dane County - Salt Storage Shed
Town of Albion, Wisconsin 53534
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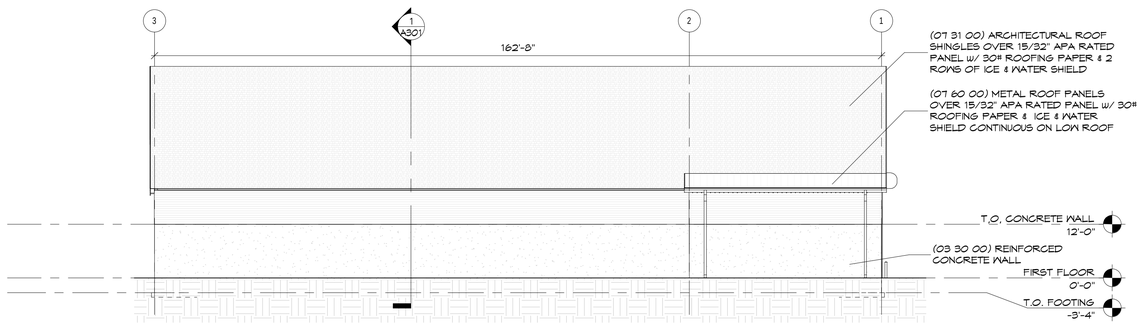
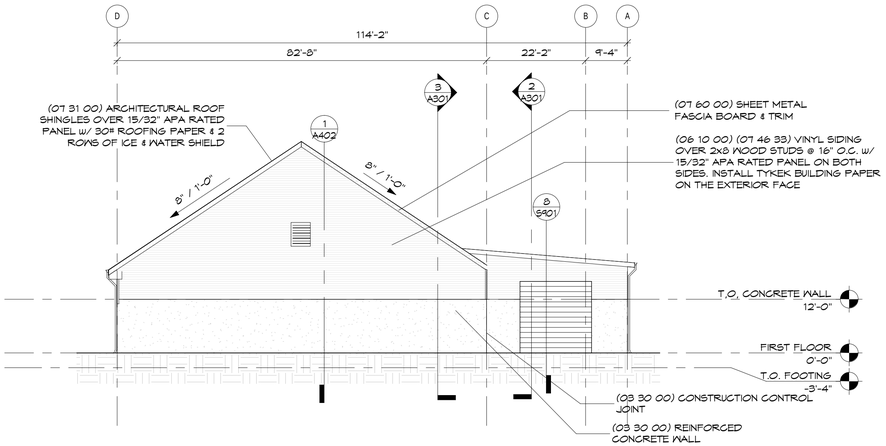
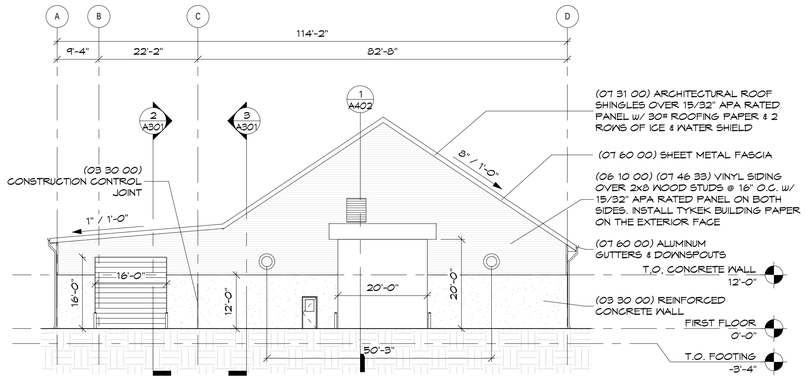
A201



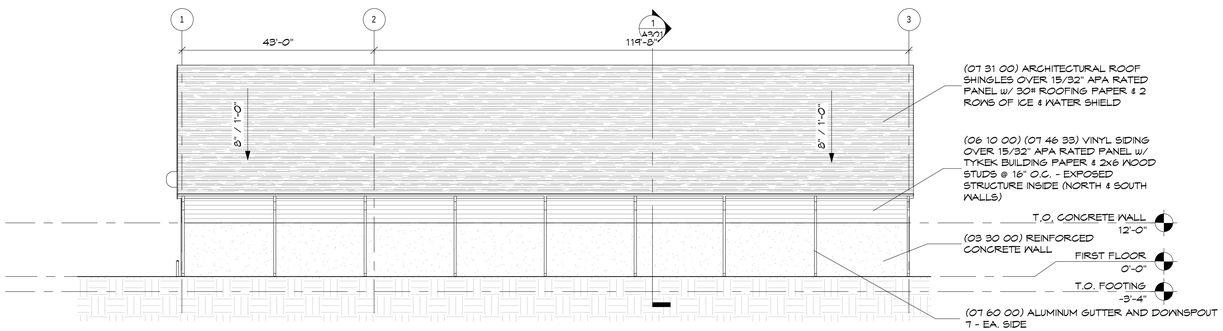
4 North Elevation
1/16" = 1'-0"



3 East Elevation
1/16" = 1'-0"



2 West Elevation
1/16" = 1'-0"



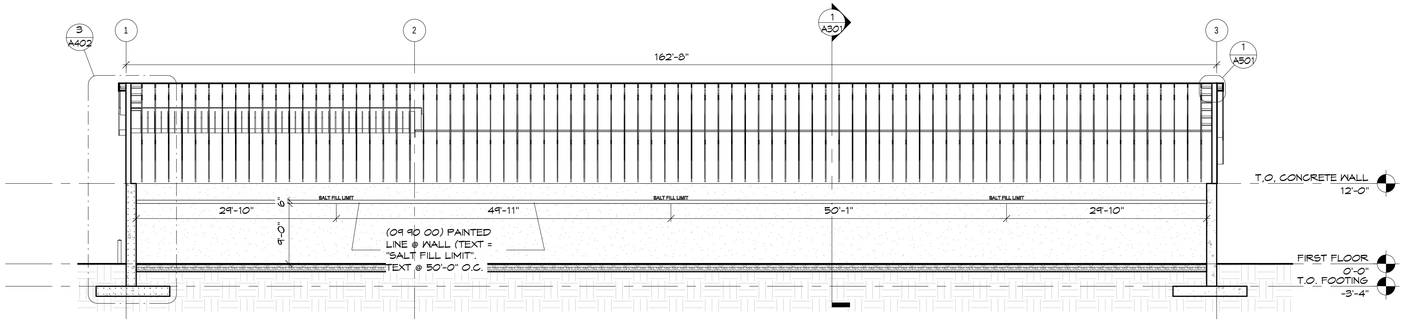
1 South Elevation
1/16" = 1'-0"

Exterior Elevations

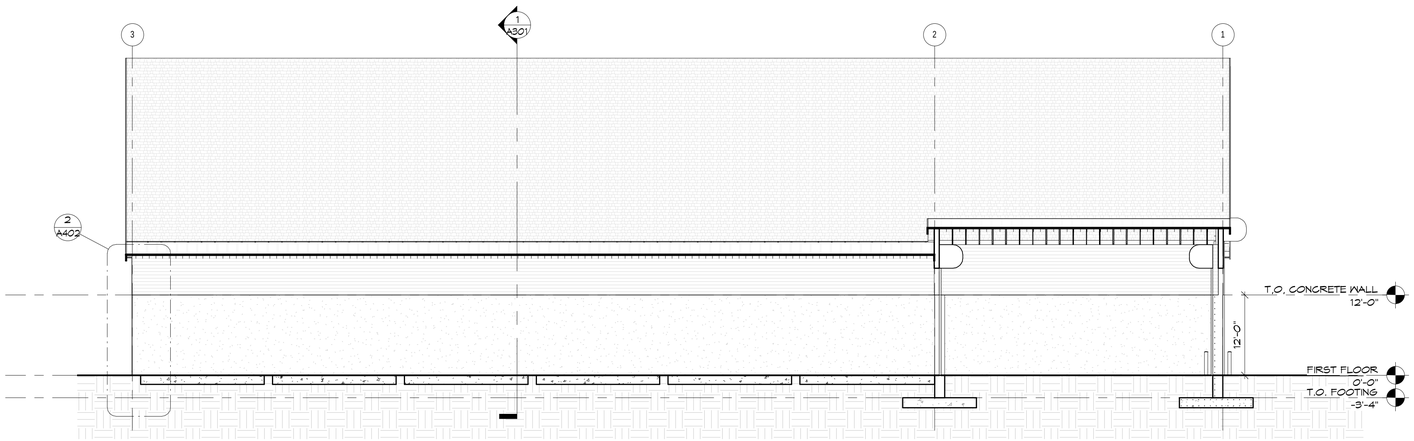
RFB 318008 Dane County - Salt Storage Shed
Town of Albion, Wisconsin 53534
July 3, 2018

SCALE: 1/16" = 1'-0"

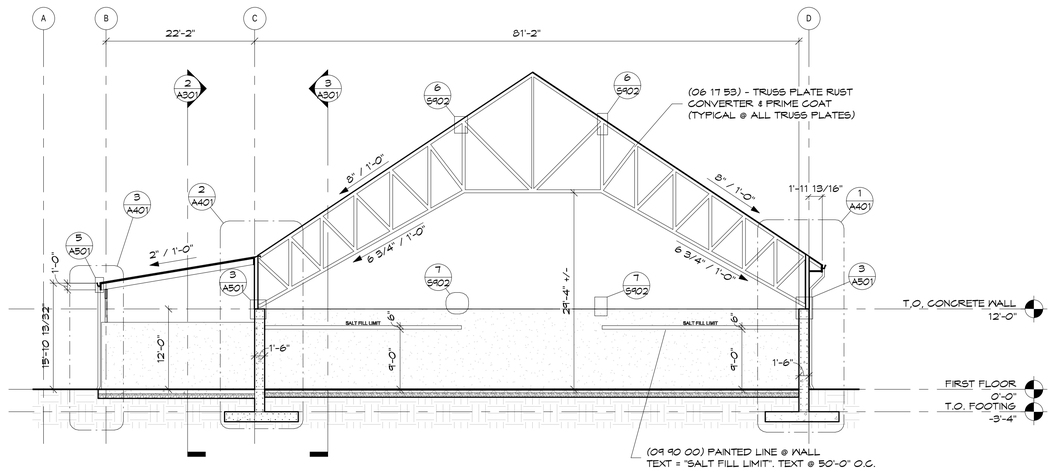
A202



3 **Building Section - East/West 1**
3/32" = 1'-0"



2 **Building Section - East/West**
3/32" = 1'-0"



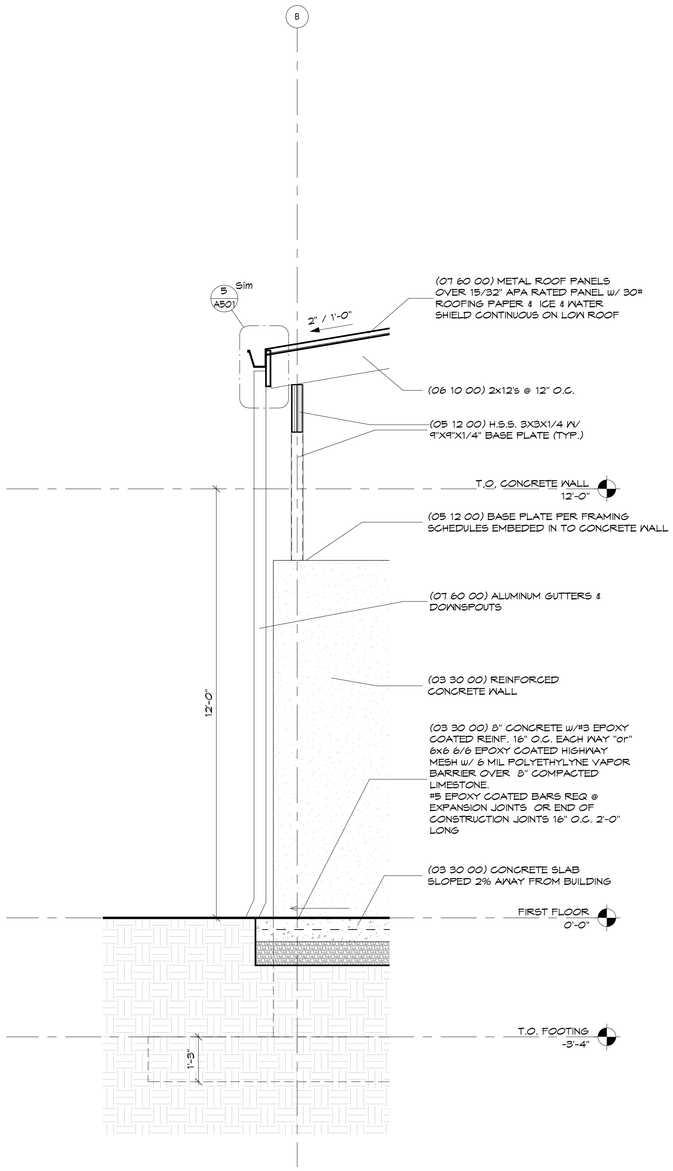
1 **Building Section - North/South**
3/32" = 1'-0"

Building Sections

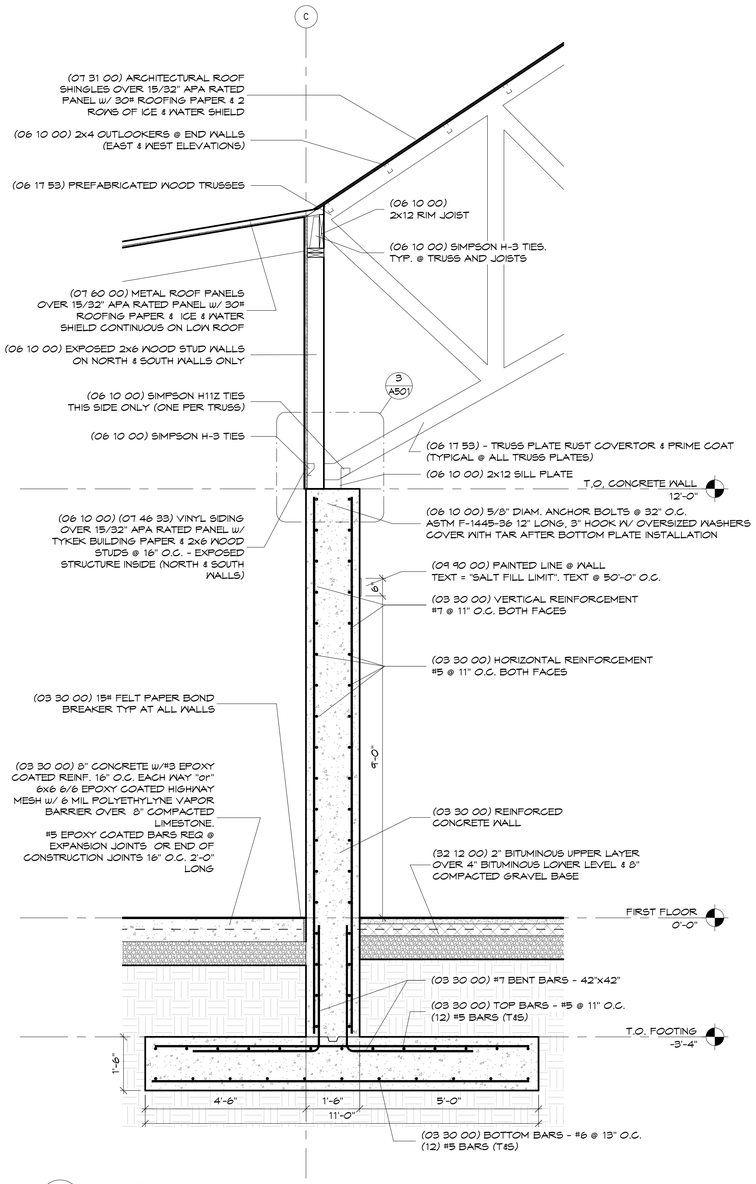
RFB 318008 Dane County - Salt Storage Shed
Town of Albion, Wisconsin 53534
July 3, 2018

SCALE: 3/32" = 1'-0"

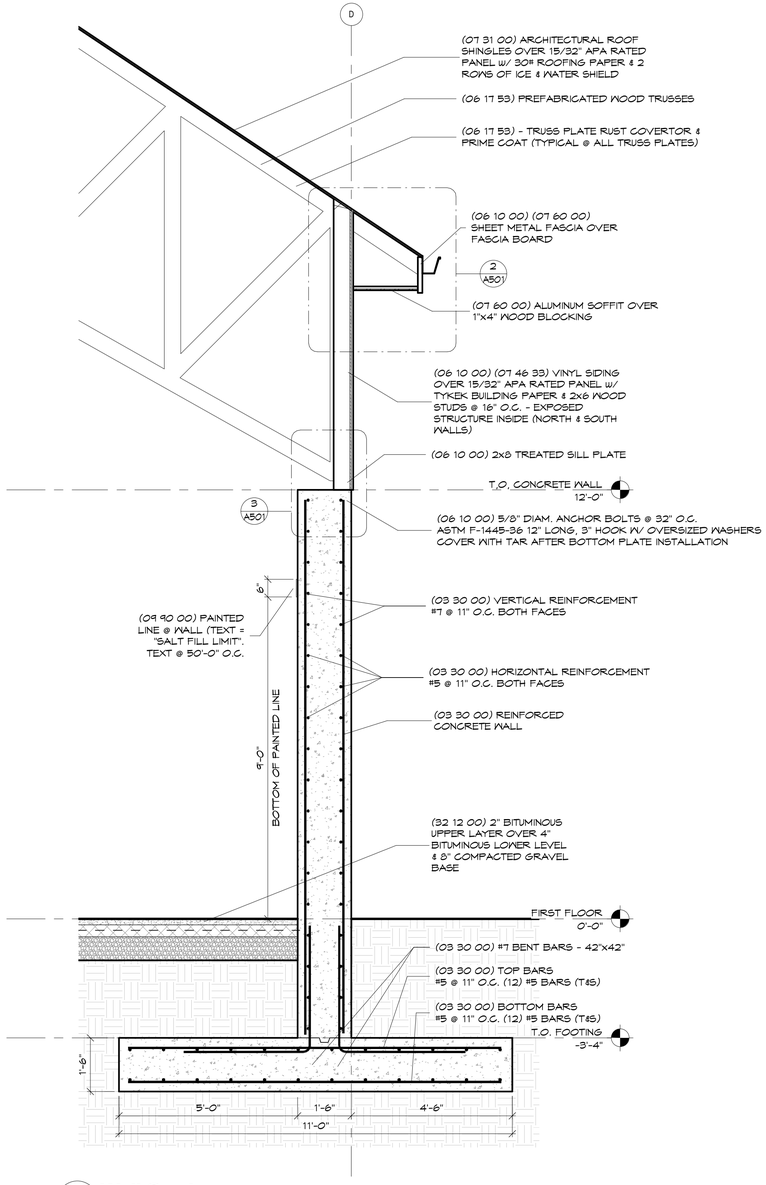
A301



3 Wall Section
1/2" = 1'-0"



2 Wall Section
1/2" = 1'-0"



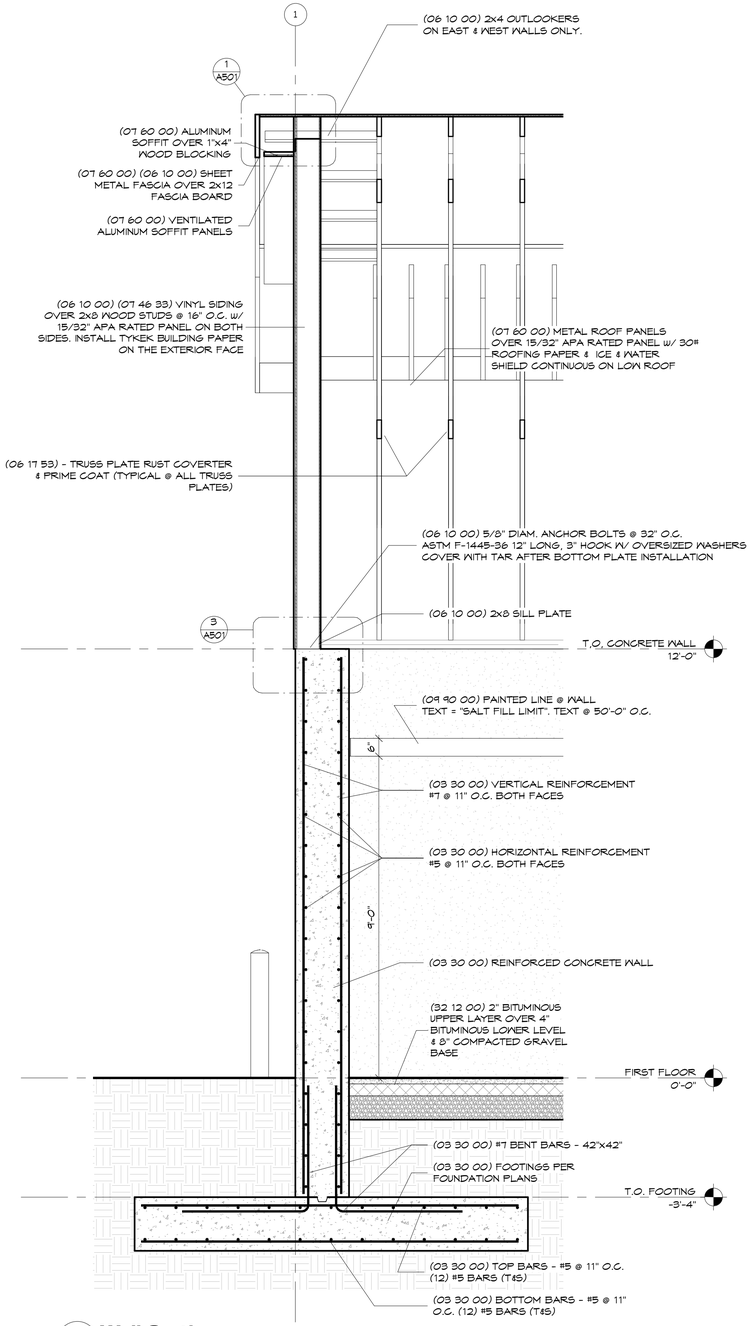
1 Wall Section
1/2" = 1'-0"

Wall Sections

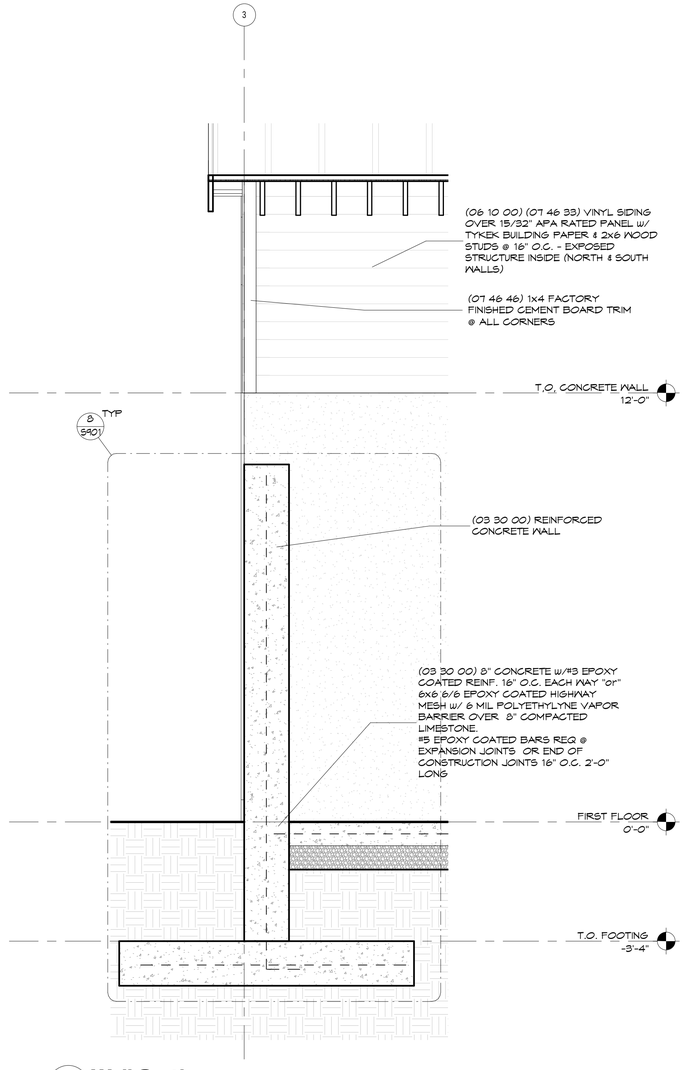
RFB 318008 Dane County - Salt Storage Shed
Town of Albion, Wisconsin 53534
July 3, 2018

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

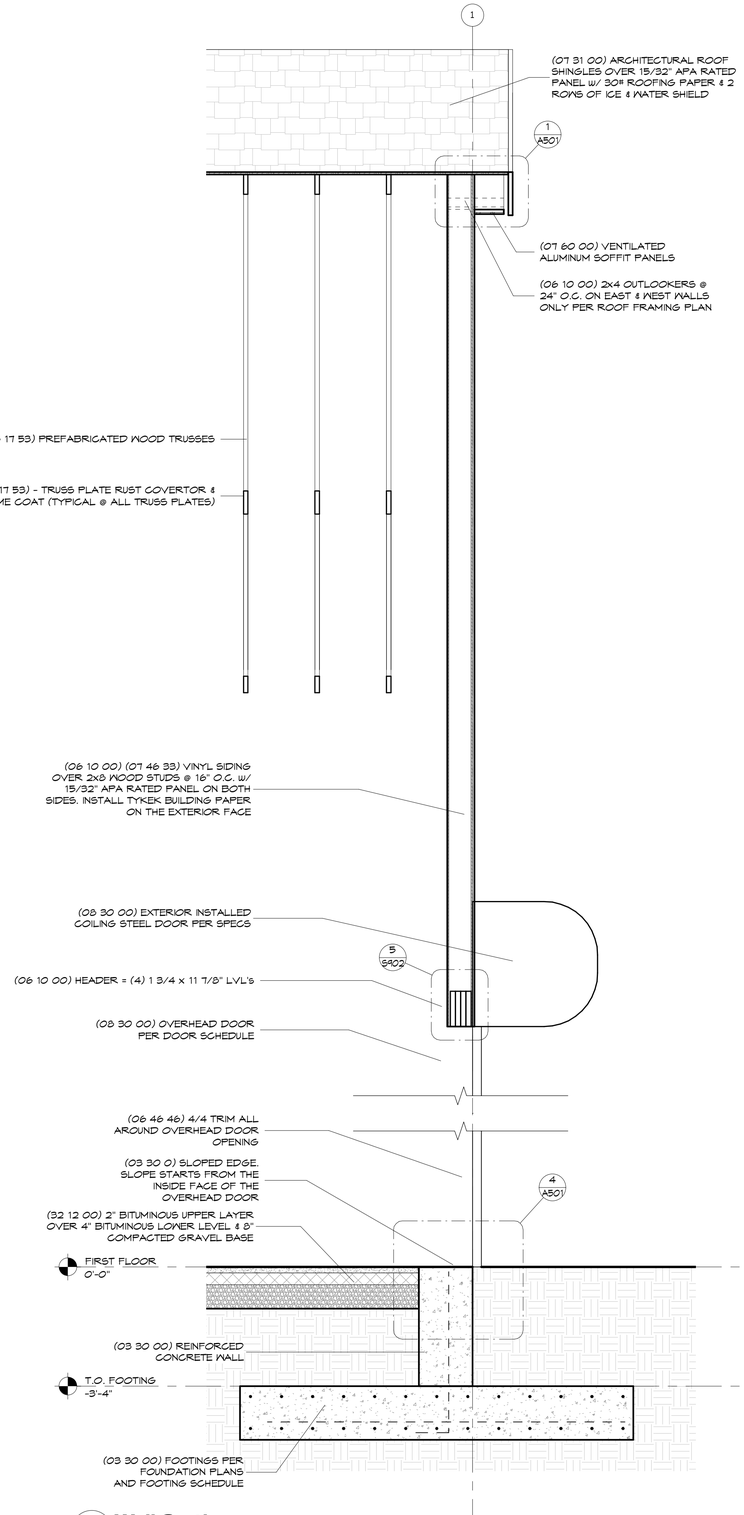
A401



3 Wall Section
1/2" = 1'-0"



2 Wall Section
1/2" = 1'-0"



1 Wall Section
1/2" = 1'-0"

Wall Sections

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Town of Albion, Wisconsin 53534
July 3, 2018

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

A402

DOOR SCHEDULE

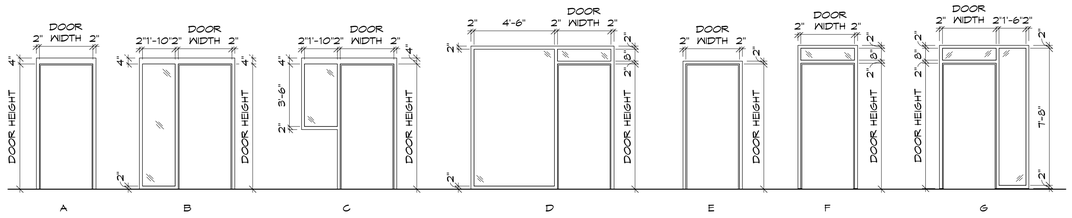
MARK	FROM ROOM NUM	FROM ROOM NAME	TO ROOM NUM	TO ROOM NAME	DOOR TYPE	DOOR MATERIAL	DOOR SWING	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR LOUVER	DOOR GLASS	FRAME TYPE	FRAME MATERIAL	FRAME GLASS	REMARKS
1002	101	salt building	-	exterior	HG	FRP	RHR	3' - 0"	7' - 0"	1 3/4"	-	GL-2	E	ALUMINUM	-	-

HARDWARE SCHEDULE

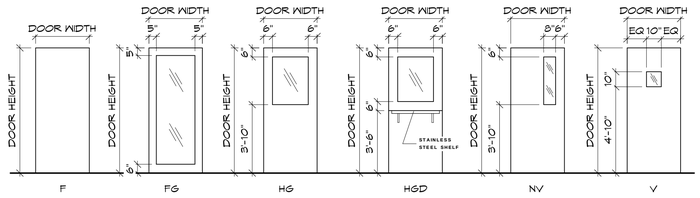
MARK	LOCKSET	PUSH-PULL	HOLD OPEN	CLOSER	HINGE	DOOR STOP	THRESHOLD	WEATHER STRIP	KICK PLATE	SOUND STOP	NAMEPLATE	NOTES
1002	Entrance	-	-	X	B.B.	-	X	X	X	-	-	-

SPECIAL DOOR SCHEDULE

MARK	FROM ROOM NUM	FROM ROOM NAME	TO ROOM NUM	TO ROOM NAME	DOOR TYPE	DOOR MATERIAL	DOOR LABEL	DOOR WIDTH	DOOR HEIGHT	DOOR R-Value	REMARKS
100D	-	exterior	101	salt building	CD			20' - 0"	20' - 0"		Hardware by (08 30 00)
102A	102	loader shed	-	exterior	CD			16' - 0"	16' - 0"		Hardware by (08 30 00)
102B	102	loader shed	-	exterior	CD			16' - 0"	16' - 0"		Hardware by (08 30 00)



Door Frame Types
1/4" = 1'-0"



Door Panel Types
1/4" = 1'-0"

SINGLE CYLINDER CLASSROOM LOCK
Deadbolt locked or unlocked by key from outside. Deadbolt unlocked by thumbturn only from inside.

LEVER CLASSROOM LOCK
Outside lever locked and unlocked by key. Inside lever always unlocked.

LEVER STOREROOM LOCK
Outside lever fixed, unlocked by key. Inside lever always unlocked.

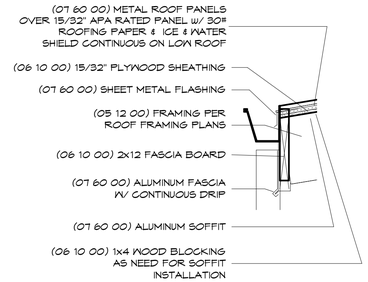
LEVER OFFICE LOCK
Push-button locking. Pushing button locks outside lever until unlocked by key outside or by turning inside lever.

LEVER ENTRANCE LOCK
Turn/Push-button locking. Pushing and turning button locks outside lever requiring use of key until button in manually unlocked.
Push-button locking. Push button locks outside lever until locked by outside key or by turning inside lever.

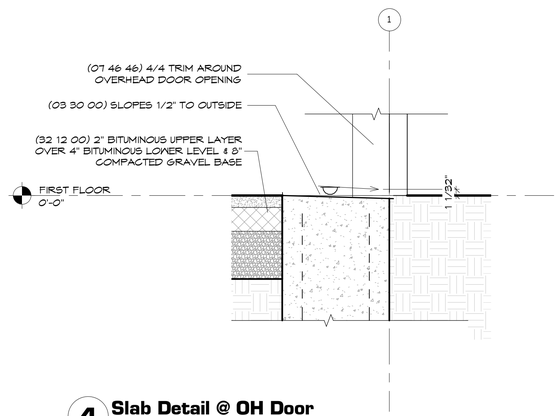
COMBINATION LOCK
Outside lever fixed. Entrance by use of multi-digit combination. Inside lever always unlocked.

LEVER PRIVACY LOCK
Push-botton locking. Can be opened from outside by emergency key, scredriver, or similar tool.

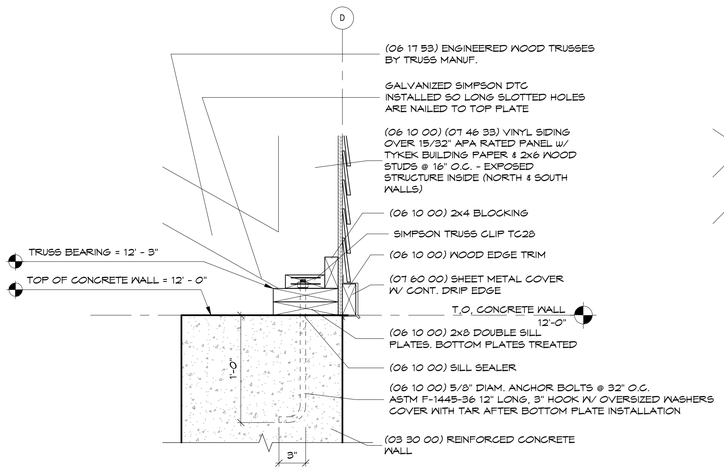
Lockset Types



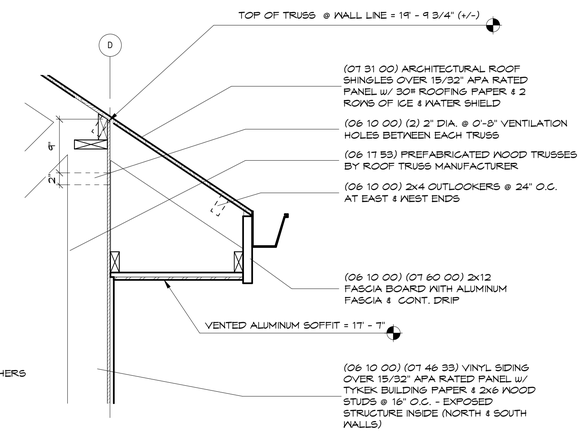
5 Fascia Board Detail
1" = 1'-0"



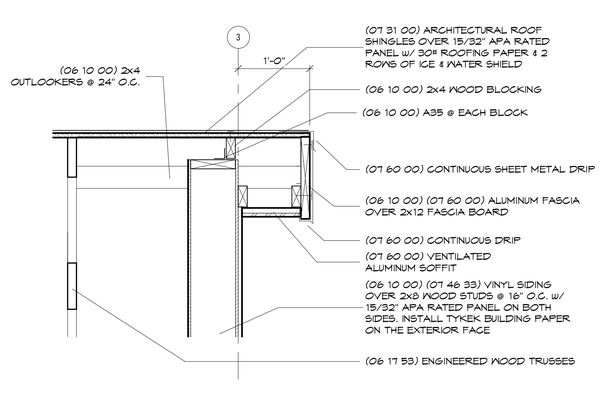
4 Slab Detail @ OH Door
1" = 1'-0"



3 T.O. Concrete Wall
1 1/2" = 1'-0"



2 Soffit Fascia Detail
1" = 1'-0"



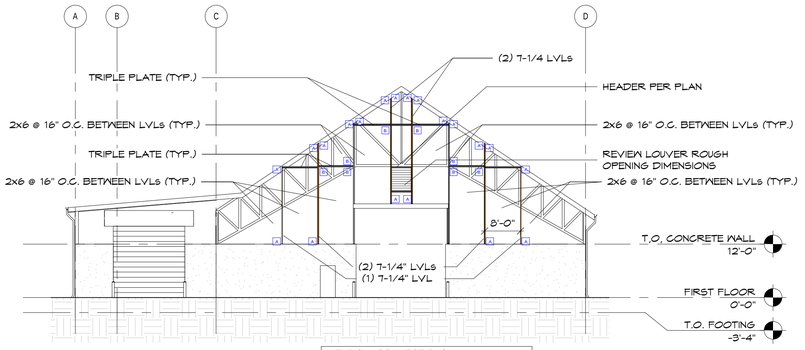
1 Outlooker Detail
1" = 1'-0"

Details and Schedules

RFB 318008 Dane County - Salt Storage Shed
Town of Albion, Wisconsin 53534
July 3, 2018

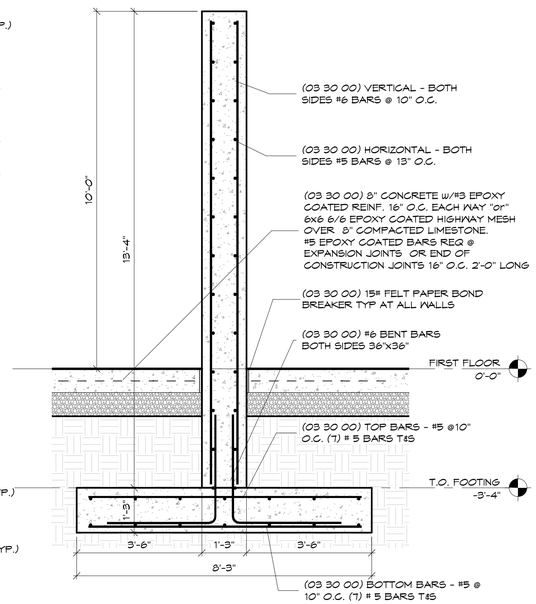
SCALE: As indicated

A501

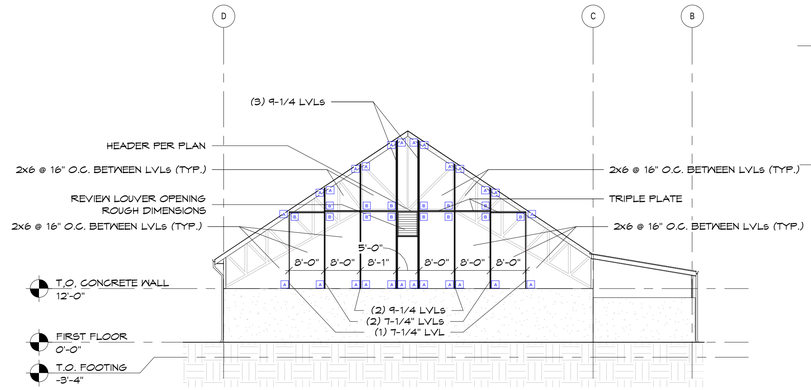


TYPICAL CONNECTIONS	
A	SIMPSON CLIP ANGLE - A35
B	(2) 3/8" DIAM. THRU-BOLTS

9 Framing - West Elevation
1/16" = 1'-0"

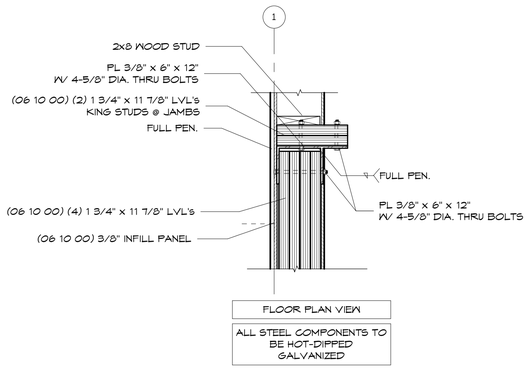


8 Salt Building - Side Bins Typ. Wall
1/2" = 1'-0"



TYPICAL CONNECTIONS	
A	SIMPSON CLIP ANGLE - A35
B	(2) 3/8" DIAM. THRU-BOLTS

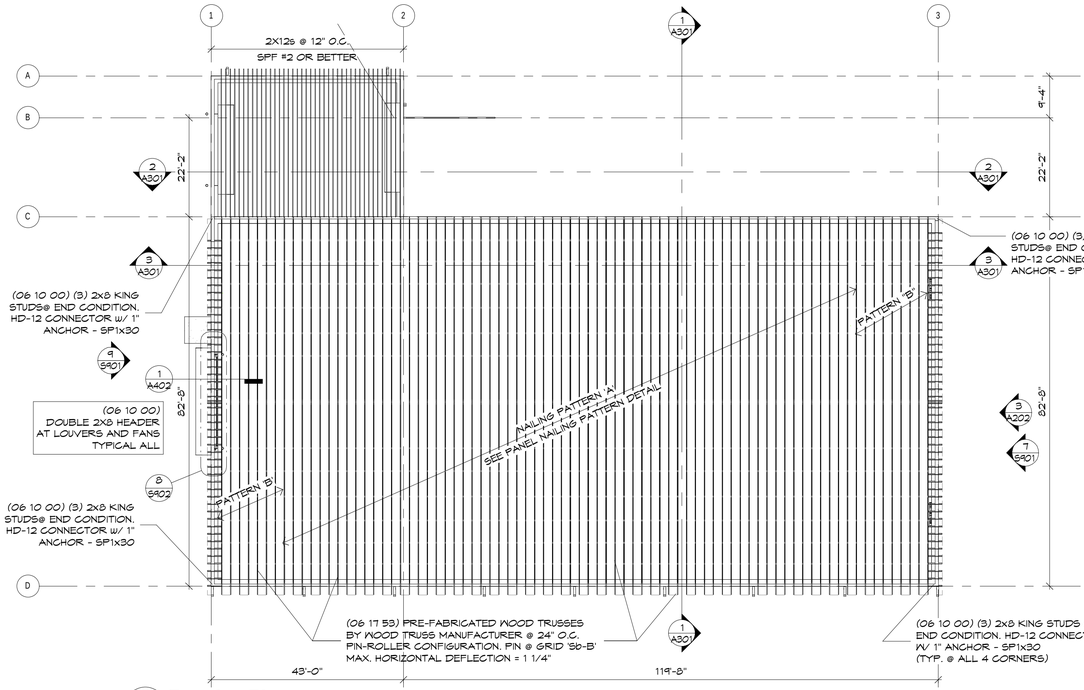
7 Framing - East Elevation
1/16" = 1'-0"



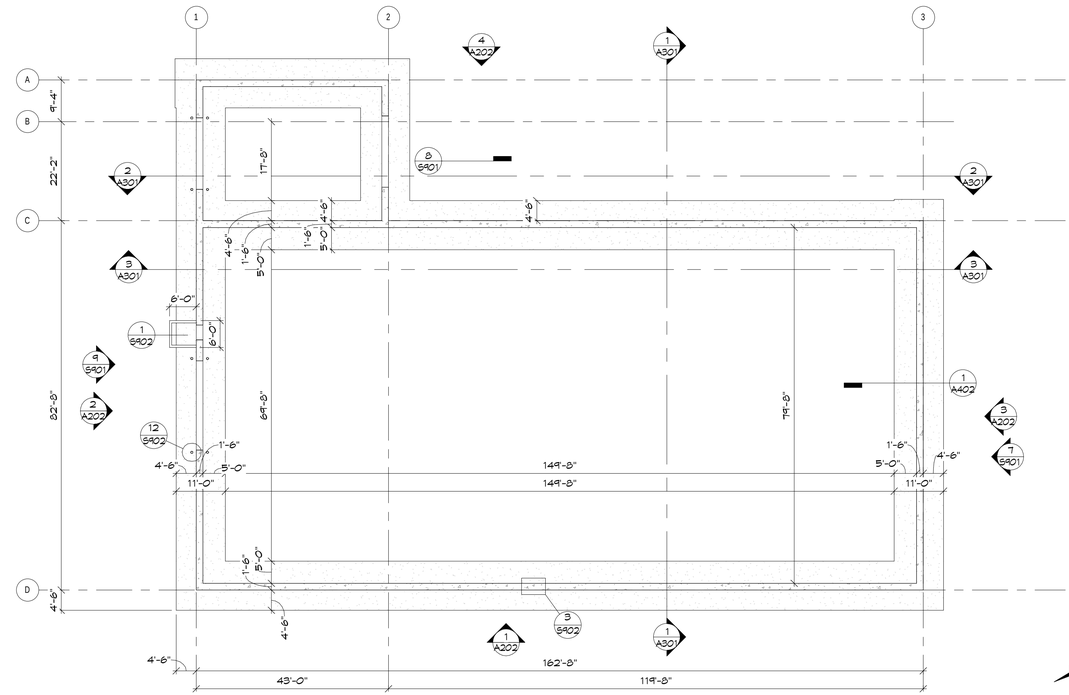
FLOOR PLAN VIEW

ALL STEEL COMPONENTS TO BE HOT-DIPPED GALVANIZED

5 Jamb Detail @ OH Door Header
1" = 1'-0"



2 Framing Plan
1/16" = 1'-0"



1 Foundation Plan
1/16" = 1'-0"

TRUE NORTH

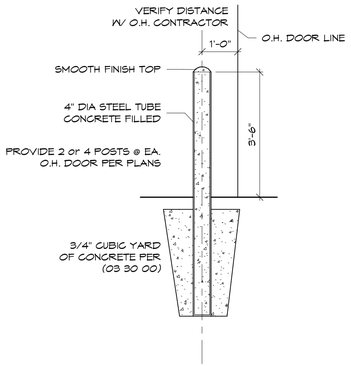
PLAN NORTH

SCALE: As indicated

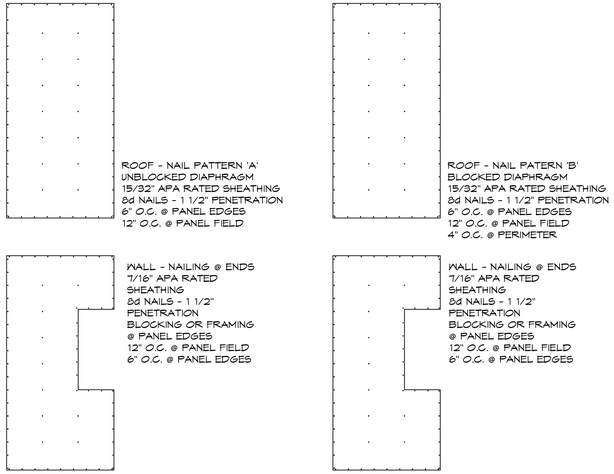
Structural Plans and Details

RFB 318008 Dane County - Salt Storage Shed
Town of Albion, Wisconsin 53534
July 3, 2018

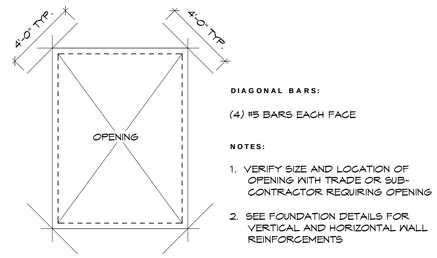
S901



12 Bollard Detail
1/2" = 1'-0"



11 Roof/Wall Panel Nailing Pattern
3/8" = 1'-0"



DIAGONAL BARS:

(4) #5 BARS EACH FACE

NOTES:

1. VERIFY SIZE AND LOCATION OF OPENING WITH TRADE OR SUB-CONTRACTOR REQUIRING OPENING
2. SEE FOUNDATION DETAILS FOR VERTICAL AND HORIZONTAL WALL REINFORCEMENTS

10 Foundation Wall Penetration Reinforcment
1/4" = 1'-0"

LOAD SYSTEM @ SALT BUILDING		
LIVE LOAD (SNOW)		25.2 P.S.F.
DEAD LOAD		12.0 P.S.F.
TOP CHORD	10.0	
BOTTOM CHORD	2.0	
	14.8	
DESIGN LOAD		36 P.S.F.
WIND LOAD		
BASIC WIND SPEED	90	MPH
IMPORTANCE FACTOR	1.0	
EXPOSURE CATEGORY	C	
PARTIALLY ENCLOSED		
SEISMIC LOAD		
SITE CLASS	D	
SDS	0.116	
SD1	0.072	
SEISMIC DESIGN CATEGORY	B	

9 Load Table - Roof
1 1/2" = 1'-0"

8 OH Door Framing
1/8" = 1'-0"

7 Jamb Detailing @ Concrete Wall
1 1/2" = 1'-0"

6 Jamb Detail @ Top of Wall
1 1/2" = 1'-0"

5 OH Header Fastening @ Plys
1" = 1'-0"

4 _SB King Stud Fastening @ Plys
1" = 1'-0"

LAP LENGTH SCHEDULE	
BAR SIZE	LAP (MIN)
# 8 BARS	52"
# 7 BARS	45"
# 6 BARS	39"
# 5 BARS	33"

3 Foundation Wall Construction Joint
1 1/2" = 1'-0"

NOTES:
1. VERTICAL REINFORCING NOT SHOWN FOR CLARITY
2. FOUNDATION WALL LEDGE NOT SHOWN FOR CLARITY
3. "A" = FOUNDATION WALL WIDTH

2 Foundation Corner Reinforcement
1/2" = 1'-0"

1 Stoop Frost Wall
1/2" = 1'-0"

Structural Details

RFB 318008 Dane County - Salt Storage Shed
Town of Albion, Wisconsin 53534
July 3, 2018

SCALE: As indicated

S902