

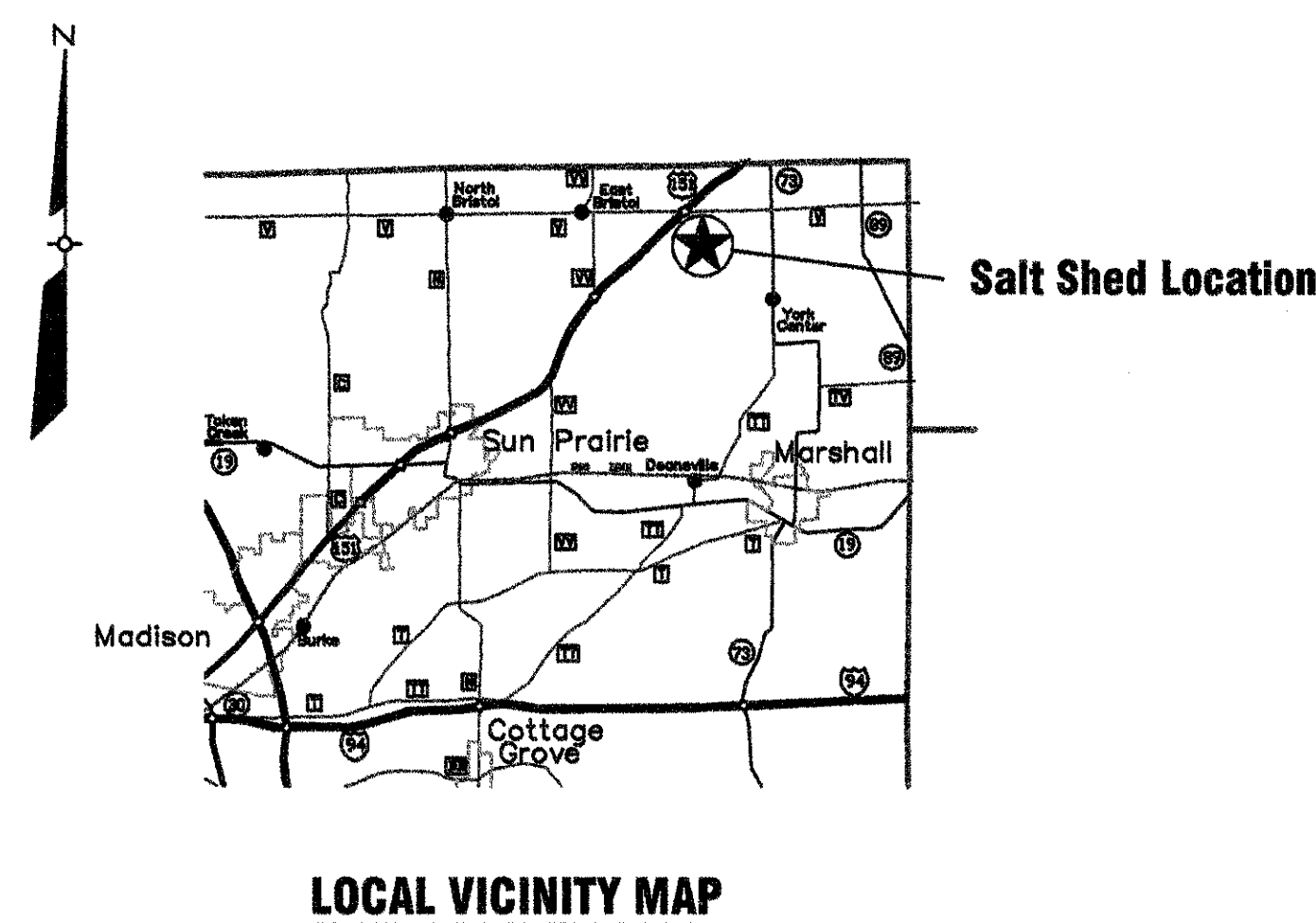
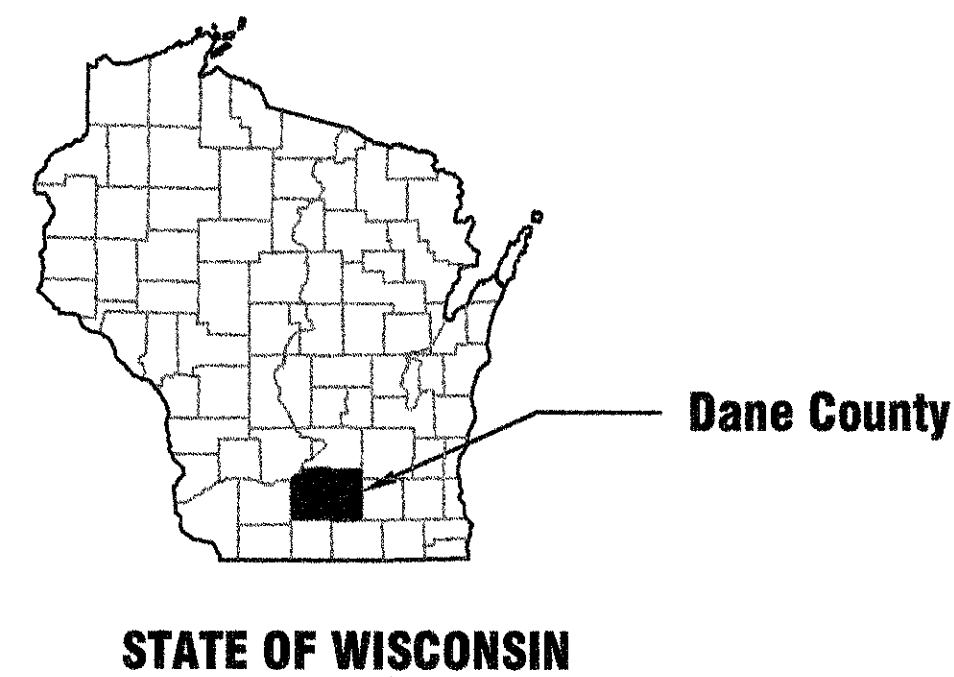
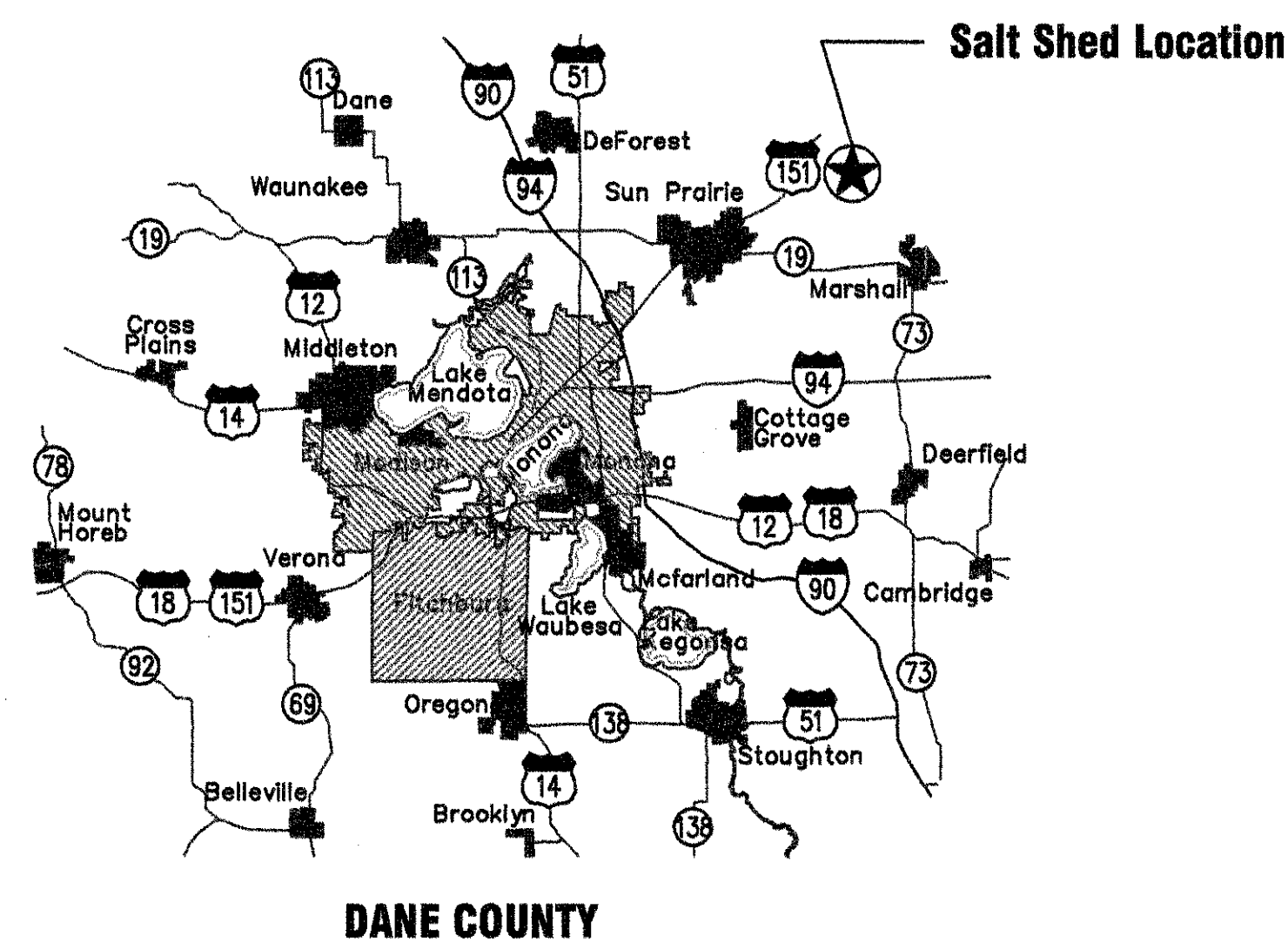
DANE COUNTY PUBLIC WORKS, HIGHWAY AND TRANSPORTATION DEPT.

BID NO. 107088 TOWN OF YORK SALT STORAGE FACILITY

HWY 151/CTH V, DANE COUNTY, WISCONSIN

FULL SET

PROJECT LOCATION



CODE DATA SUMMARY

Applicable Codes: Wisconsin Enrolled Commercial Building Code, Current Edition

	SALT STORAGE BUILDING
Occupancy:	S2 - Salt Storage
Class of Construction(T801):	V-B
Structural Frame:	0-hour
Ext. Brg Walls:	0-hour
Int. Brg Walls:	0-hour
Ext. Non-brg Walls (>30'FSD):	0-hour
Int. Non-brg Walls:	Any Mat'l
Floor Deck & Beams:	0-hour
Roof Deck & Beams:	0-hour
Fire Protection (903.2.10):	None
Fire Extinguishers (906):	None
Fire Alarm (907):	None
Building Area:	6,000 sf
Allowable Building Area:	13,500 sf
Table 503:	(Table Value)
Frontage Increase:	10,125 sf
(75% Table Value):	
Total Allowable Area:	23,625
Height:	
Actual:	30' average (1 story)
Allowable (Table 503):	40' (2 stories)
Exit Distance (Table 1004.2.4):	300 ft. MAX
Occupancy Load:	
Gross Area:	6,000 sf
Occupancy Factor (T.1003.2.2.2):	500 sf/person
Total Occupancy Load:	12 People
	<30: 1 exit okay

SHEET INDEX

GENERAL:
T1.1 - Title Sheet, Sheet Index, Location Maps, & Code Summary

CIVIL:
C1.1 - Overall Site Plan (Includes Utilities)

ARCHITECTURAL:
A2.1 - Floor Plan, Building Section, Door Details
A2.2 - Elevations, Roof Plan

STRUCTURAL:
S1.1 - General Structural Notes
S2.1 - Foundation Plan, Details
S2.2 - Structural Details
S2.3 - Framing Plan, Details

MECHANICAL/ELECTRICAL:
ME1.1 - Abbreviations, Symbols & Notes
ME2.1 - Mechanical/Electrical Plan, Tables, Notes

GENERAL NOTES TO ALL TRADES

1. ALL WORK SHOWN OR OTHERWISE NECESSARY TO PERFORM WORK INDICATED, SHALL BE BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED OR SPECIFIED OTHERWISE.
2. ALL EXISTING CONSTRUCTION TO REMAIN UNLESS NOTED OTHERWISE, OR OTHERWISE NECESSARY TO COMPLETE REQUIRED WORK.
3. DETAILS MARKED "TYPICAL" MAY OR MAY NOT BE CUT OR REFERENCED ON PLANS OR OTHER DRAWINGS, BUT SHALL APPLY TO APPLICABLE WORK UNLESS SPECIFICALLY NOTED OTHERWISE.

Revisions
Approved By: R.J.N.
Drawn By: J.R.L.
Design By: SCR/VTS
Bid No.: 107088
Date: 8/17/07
Scale: AS NOTED

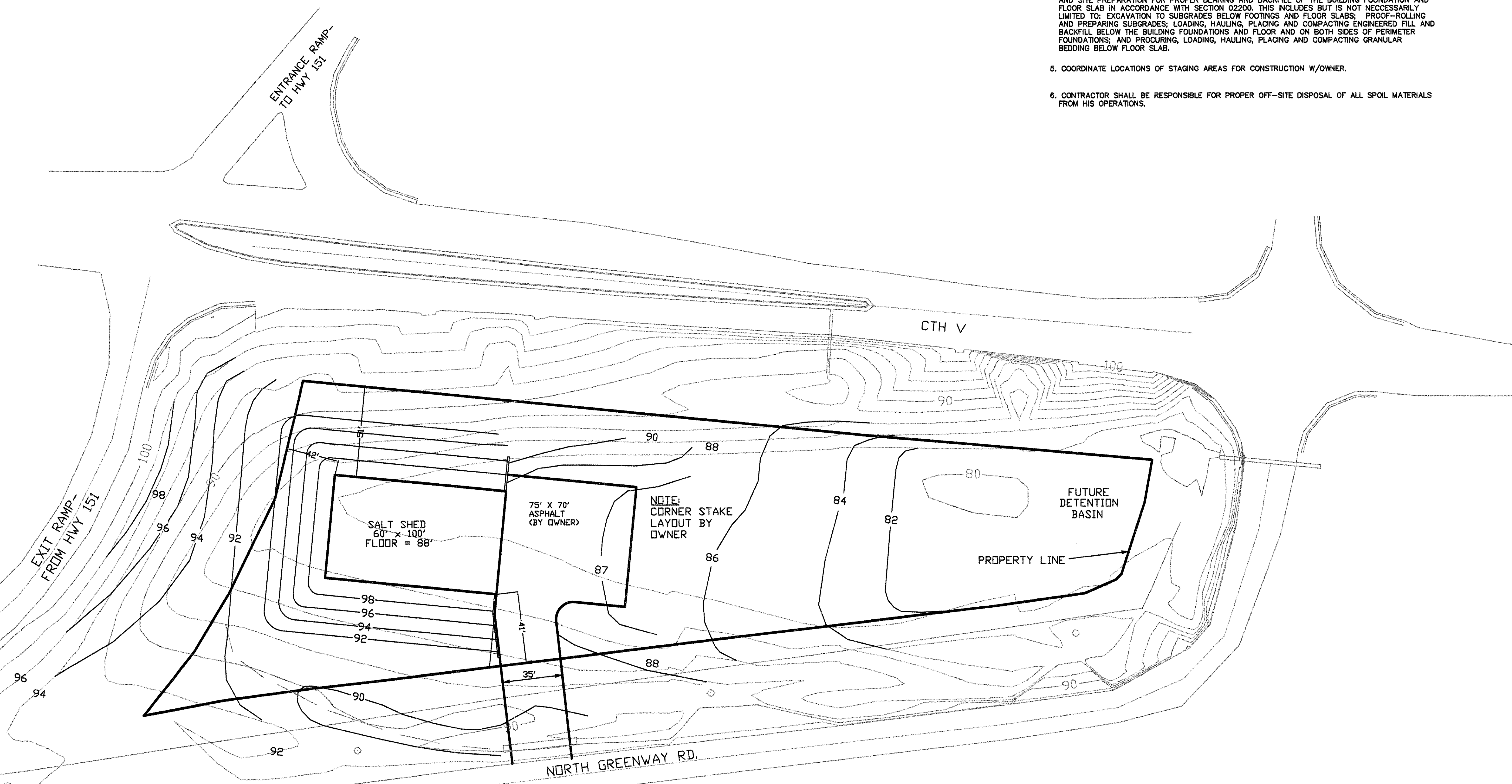
DEPARTMENT OF PUBLIC WORKS
DANE COUNTY WISCONSIN

SALT STORAGE FACILITY
DANE COUNTY HIGHWAY DEPT.
US HWY 151/CTH V
TOWN OF YORK, DANE COUNTY, WI

Sheet
T1.1

SITE PLAN GENERAL NOTES:

1. ALL SITE IMPROVEMENTS SHOWN ARE NEW AND PART OF CONSTRUCTION CONTRACT UNLESS SPECIFICALLY NOTED OTHERWISE.
2. COORDINATE EXACT FINAL LOCATIONS OF ALL SITE IMPROVEMENTS, STRUCTURES, UTILITIES, ETC. WITH OWNER PRIOR TO CONSTRUCTION.
3. FINAL GRADES AND CONTOURS WILL BE DETERMINED AND ESTABLISHED BY OWNER, INCLUDING F.F. ELEVATION OF BUILDINGS AND STRUCTURES. COORDINATE W/OWNER PRIOR TO CONSTRUCTION. NOTE THAT BLDG F.F. ELEV.=88'-0" NOTED ON BUILDING PLANS MAY CORRESPOND TO DIFFERENT DATUM.
4. OWNER WILL REMOVE TREES, STUMPS, BUSHES, TOPSOIL AND SHALL ROUGHGRADE AS REQUIRED FOR NEW BUILDING PER SPECIFICATIONS. CONTRACTOR SHALL PERFORM ALL OTHER EARTHWORK AND SITE PREPARATION FOR PROPER BEARING AND BACKFILL OF THE BUILDING FOUNDATION AND FLOOR SLAB IN ACCORDANCE WITH SECTION 02200. THIS INCLUDES BUT IS NOT NECESSARILY LIMITED TO: EXCAVATION TO SUBGRADES BELOW FOOTINGS AND FLOOR SLABS; PROOF-ROLLING AND PREPARING SUBGRADES; LOADING, HAULING, PLACING AND COMPACTING ENGINEERED FILL AND BACKFILL BELOW THE BUILDING FOUNDATIONS AND FLOOR AND ON BOTH SIDES OF PERIMETER FOUNDATIONS; AND PROCURING, LOADING, HAULING, PLACING AND COMPACTING GRANULAR BEDDING BELOW FLOOR SLAB.
5. COORDINATE LOCATIONS OF STAGING AREAS FOR CONSTRUCTION W/OWNER.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER OFF-SITE DISPOSAL OF ALL SPOIL MATERIALS FROM HIS OPERATIONS.



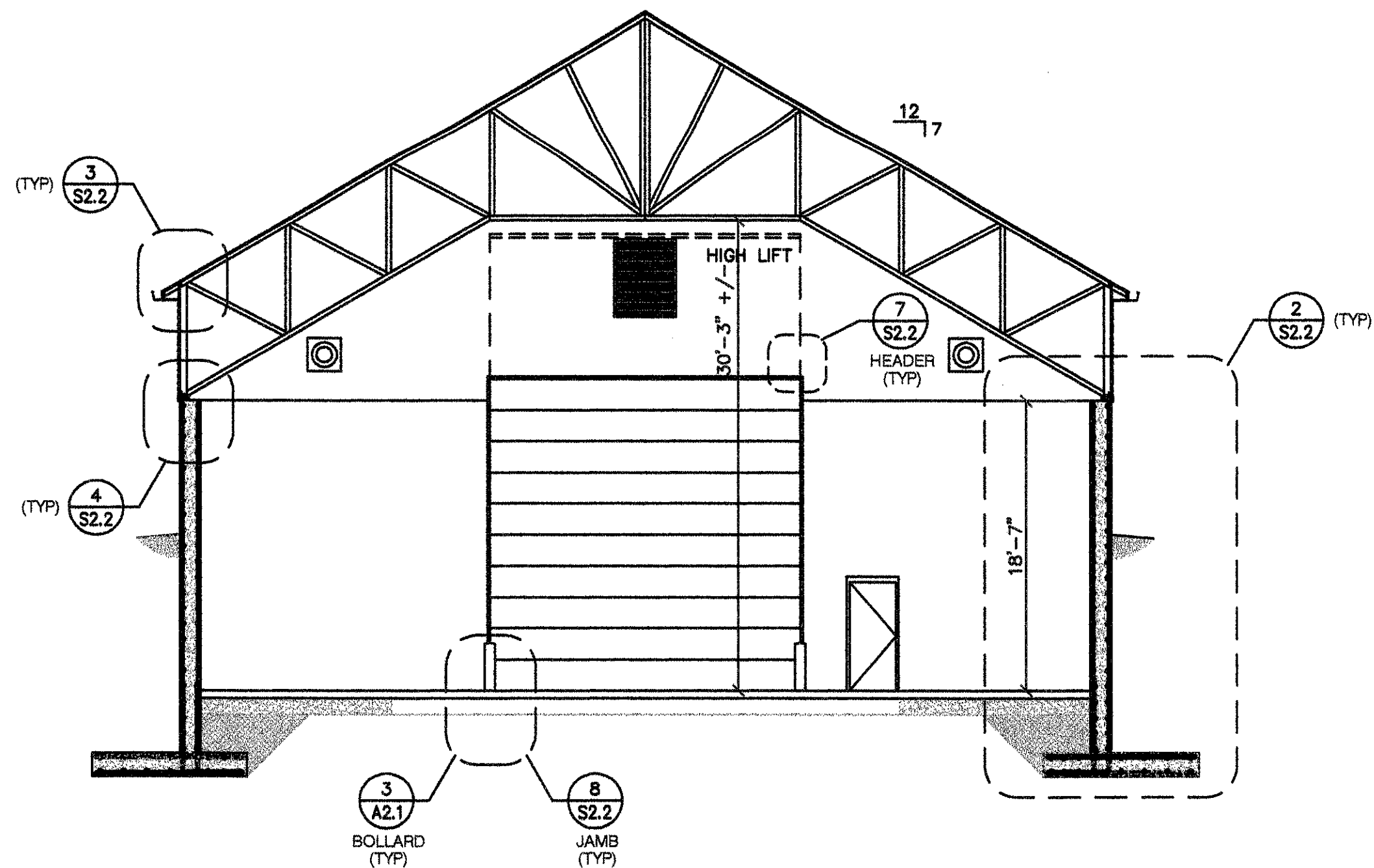
NORTH
1
C1.1 SALT STORAGE SITE PLAN
 1" = 30'-0"

Revisions
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 Drawn By: JRL
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 Bid No: 107088
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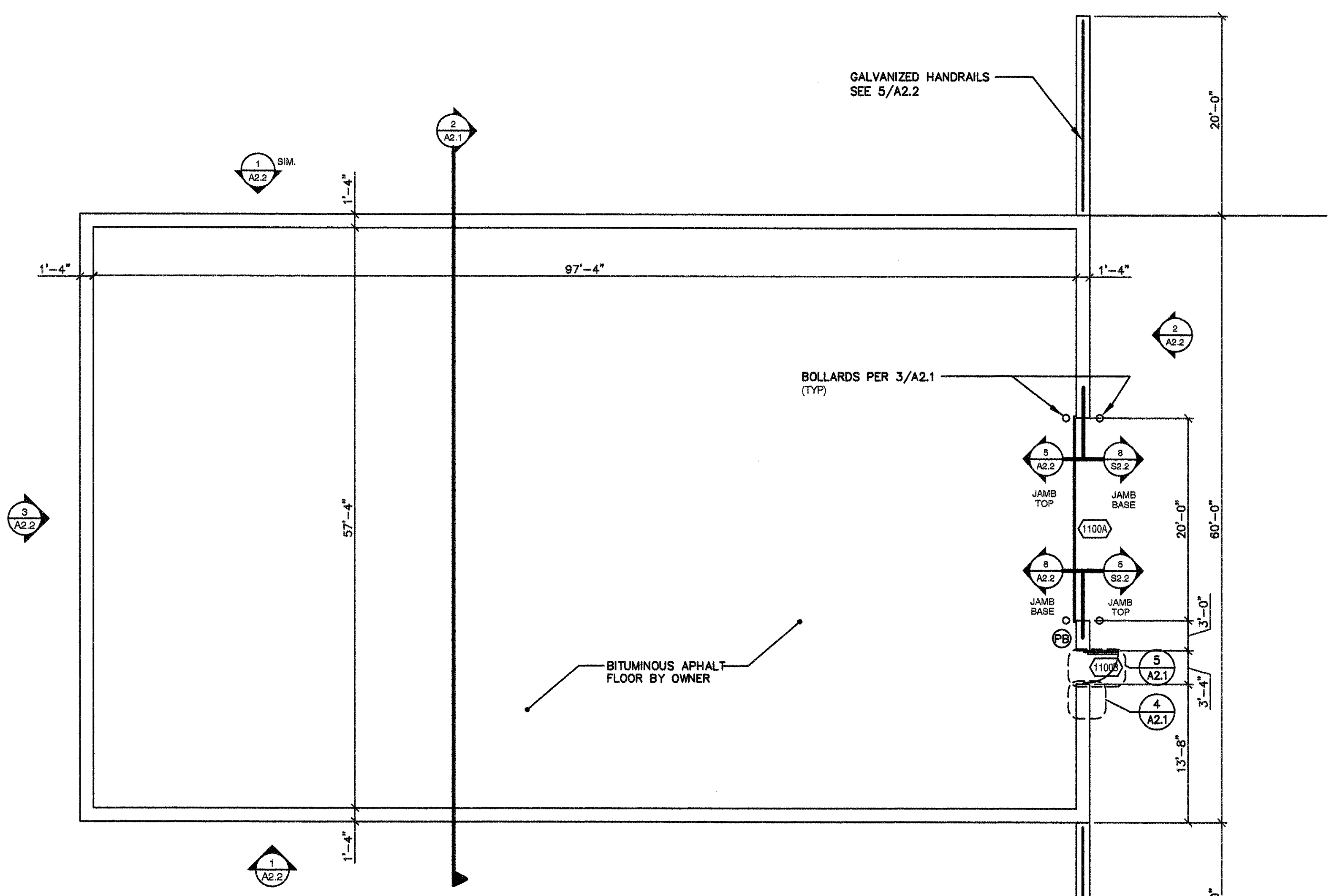
DEPARTMENT OF PUBLIC WORKS
 DANE COUNTY WISCONSIN

Overall Site Plan (Includes Utilities)
 SALT STORAGE FACILITY
 DANE COUNTY HIGHWAY DEPT.
 US HWY 151/CTH V
 TOWN OF YORK, DANE COUNTY, WI

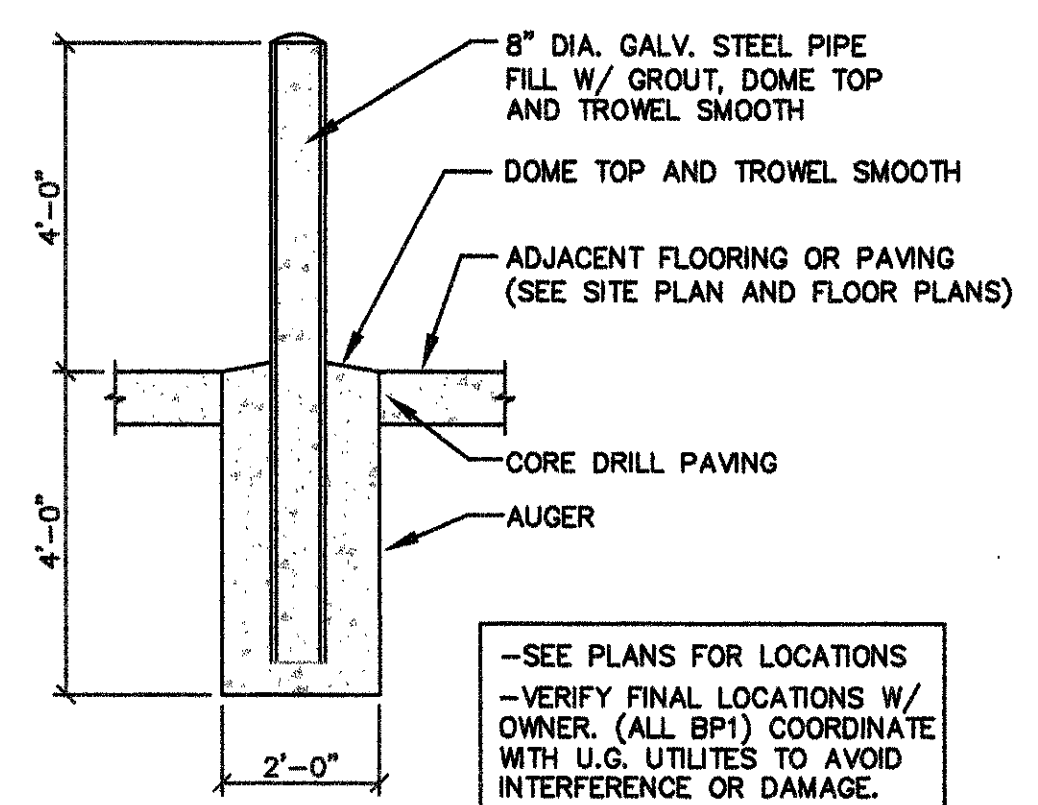
Sheet
C1.1



2 BUILDING SECTION
A2.1 1/8" = 1'-0"



1 SALT STORAGE FLOOR PLAN
A1.1 1/8" = 1'-0"



3 BOLLARD POST
A2.1 NO SCALE

HVAC NOTES:

- 1. SEE EXHAUST FAN SCHEDULE AND AIR INLETS AND OUTLETS SCHEDULE ON SHEET ME2.1 FOR EQUIPMENT DATA AND MOUNTING HEIGHTS.

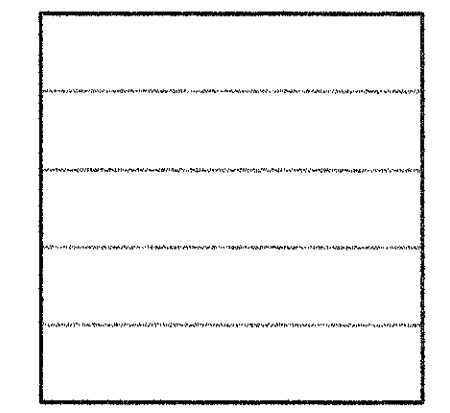
ELECTRICAL NOTES:

- 1. SEE PANEL SCHEDULE ON SHEET ME2.1

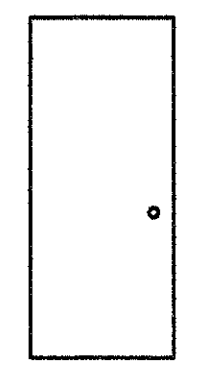
KEYED NOTES

- 1. MOUNT FIXTURES TYPE BK TIGHT TO CEILING TO MAINTAIN MAXIMUM CLEAR HEIGHT.

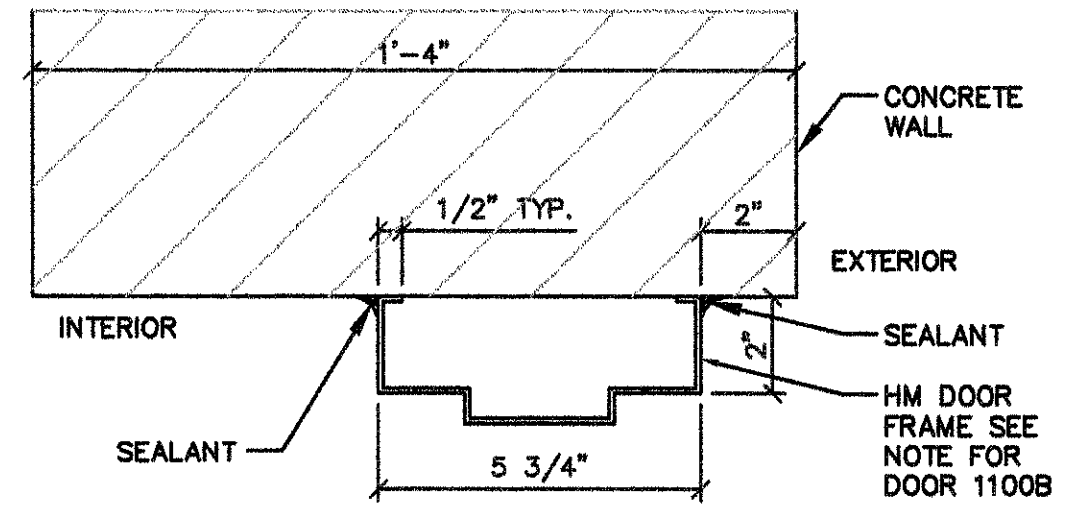
DOOR TYPES



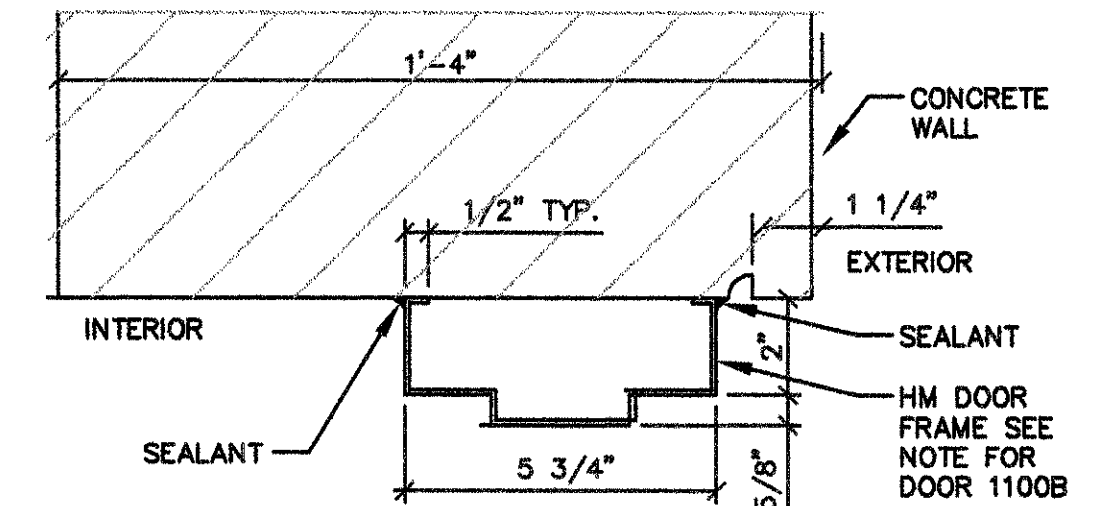
1100A
SECTIONAL FIBERGLASS OVERHEAD DOOR
20'-0"W x 20'-0"H; HIGH LIFT; FIBERGLASS W/ GALV HARDWARE; POWER OPERATOR WITH INTERIOR PUSH BUTTON CONTROL; BACKUP MANUAL OPERATION; WEATHER STRIPPING



1100B
PASS DOOR
3'-0"x7'-0" GALVANIZED HOLLOW METAL DOOR AND FRAME (WELDED) WITH 2" HEAD; BALLBEARING STAINLESS STEEL HINGES; STAINLESS STEEL CLASSROOM(PB4)LOCKSET; SILL SWEEP.



4 JAMB DETAIL
A2.1 3" = 1'-0"



5 HEAD DETAIL
A2.1 3" = 1'-0"

Floor Plan, Building Section, Door Details

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DEPARTMENT OF PUBLIC WORKS
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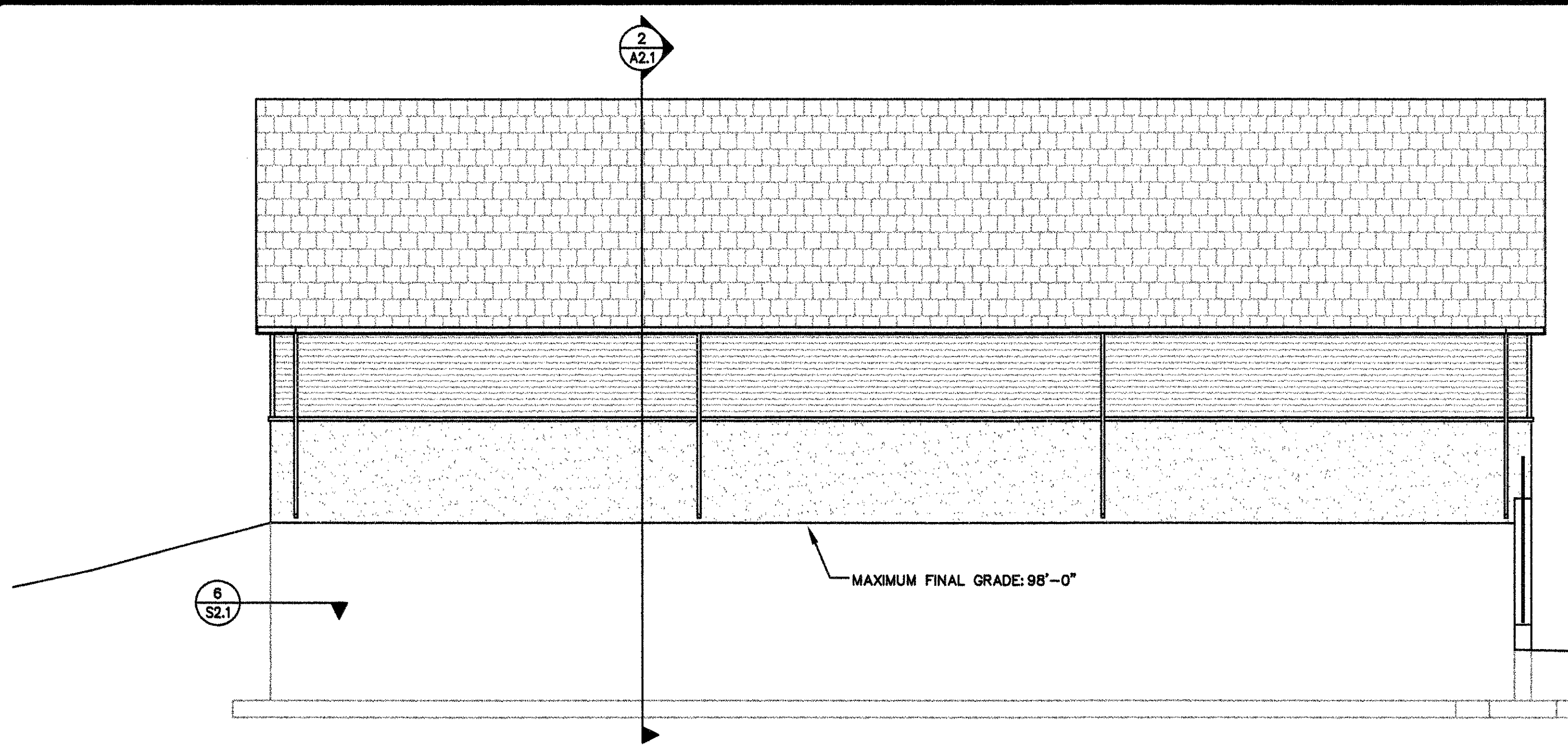
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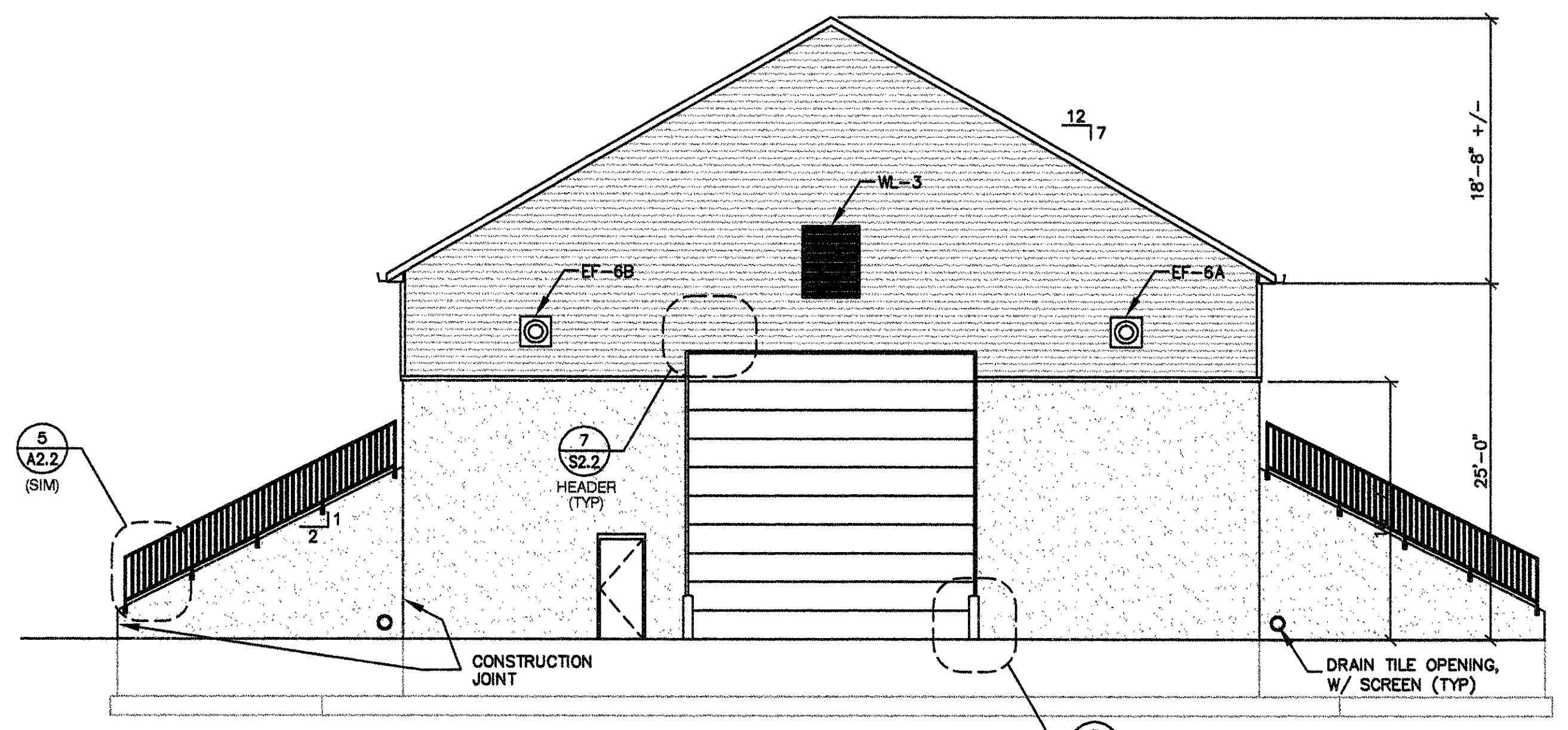
SALT STORAGE FACILITY
 DANE COUNTY HIGHWAY DEPT.
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Elevations, Roof Plan

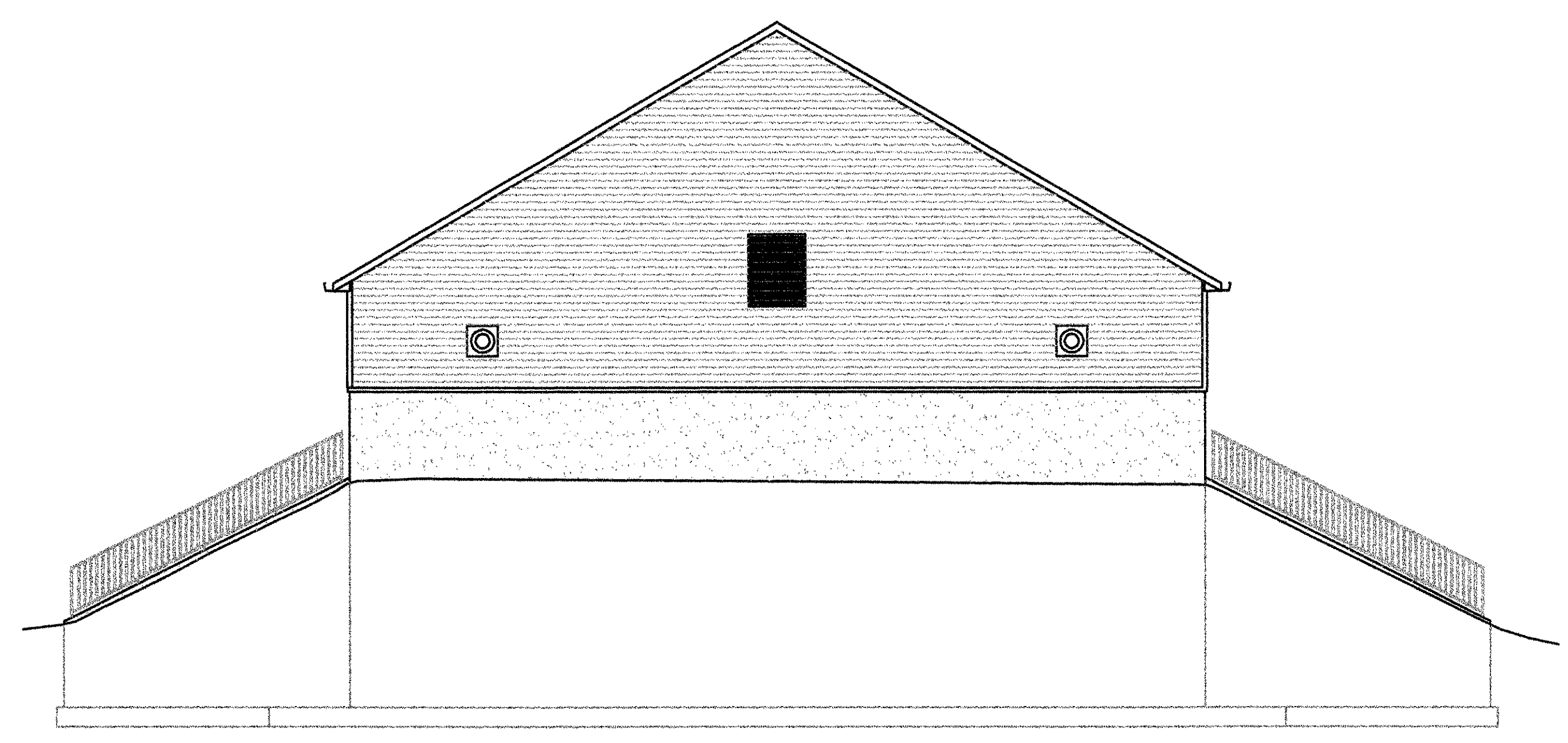
Sheet
A2.2



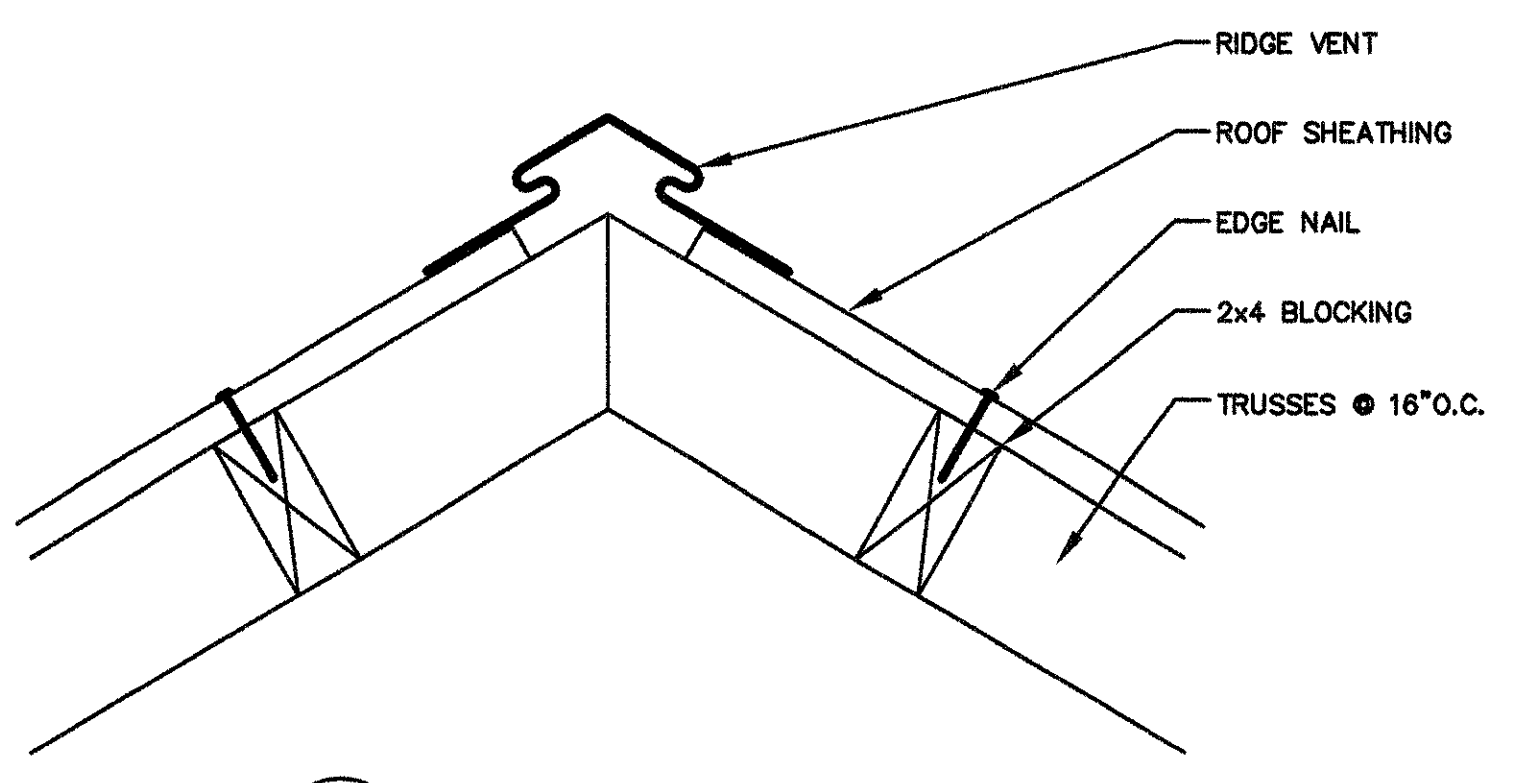
1 SOUTH ELEVATION
 A2.2 1/8" = 1'-0" (NORTH ELEVATION SIMILAR)



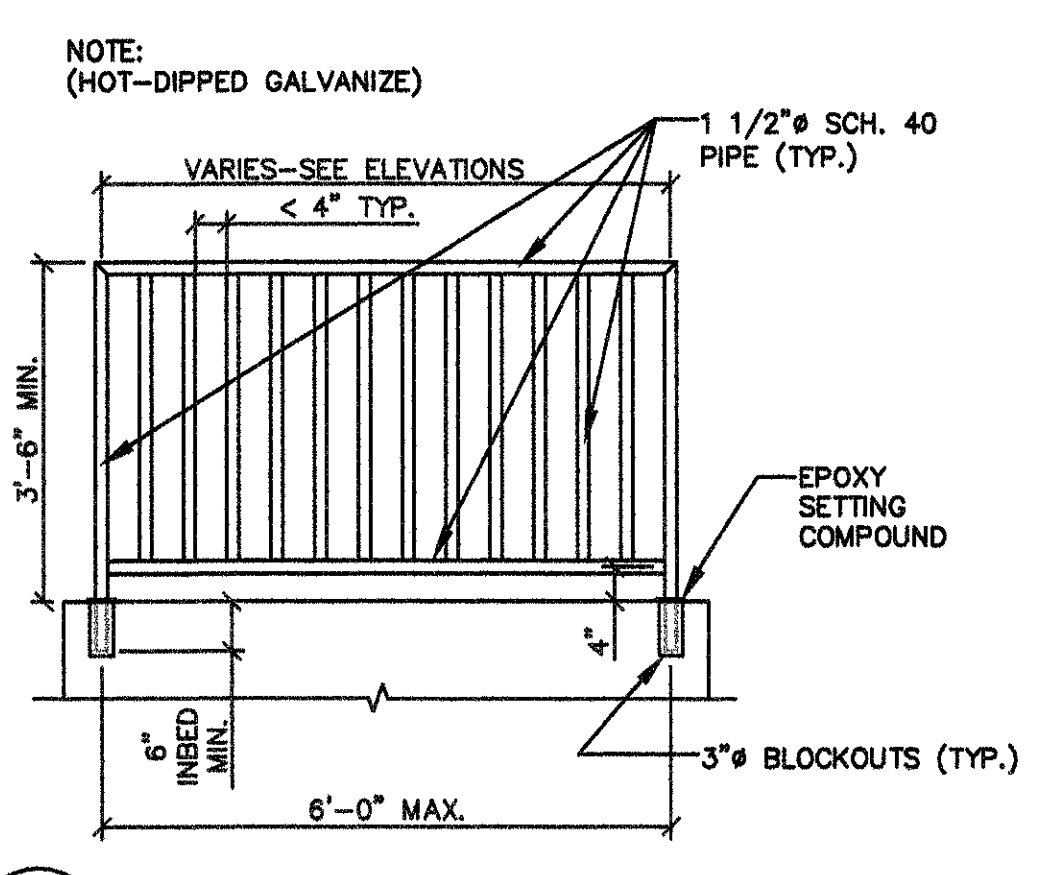
2 EAST ELEVATION
 A2.2 1/8" = 1'-0"



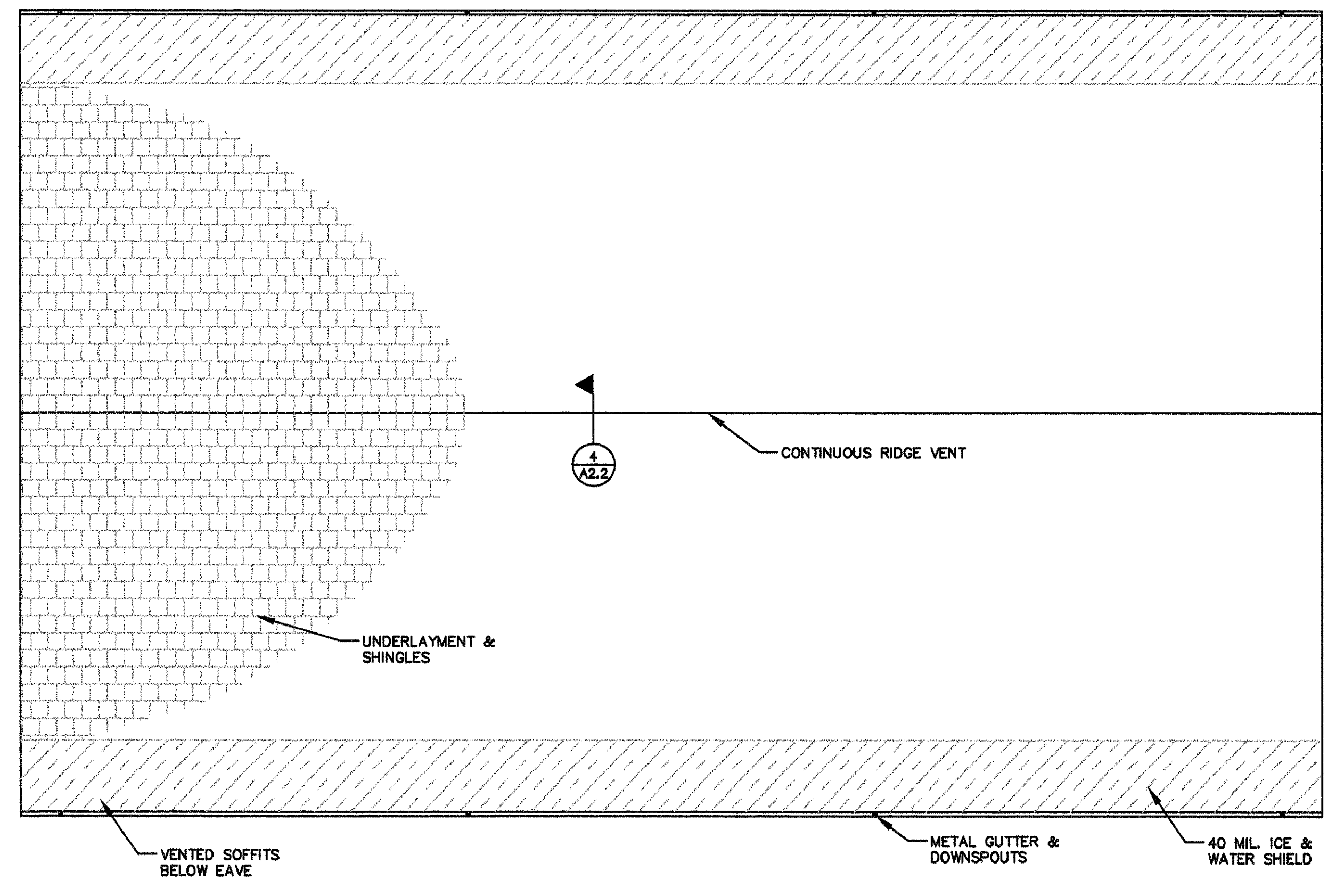
3 DETAIL
 A2.2 1/8" = 1'-0"



4 BLOCKING @ RIDGE
 A2.2 3" = 1'-0"



5 TYPICAL GUARDRAIL DETAIL
 A2.2 1/2" = 1'-0"



PLAN NORTH
6 ROOF PLAN
 A2.2 1/8" = 1'-0"

STRUCTURAL DESIGN CRITERIA

1. DESIGN CODE WISCONSIN ENROLLED COMMERCIAL BUILDING CODE - CURRENT EDITION

2. SNOW LOAD PARAMETERS
GROUND SNOW LOAD
FLAT ROOF SNOW LOAD
SNOW EXPOSURE FACTOR
SNOW LOAD IMPORTANCE FACTOR
THERMAL FACTOR

3. WIND LOAD PARAMETERS
BASIC WIND SPEED
WIND IMPORTANCE FACTOR
BUILDING CATEGORY
WIND EXPOSURE
INTERNAL PRESSURE COEFFICIENT
WIND DIRECTIONALITY FACTOR
ENCLOSURE CLASSIFICATION
GUST EFFECT FACTOR

4. SEISMIC LOAD PARAMETERS
SEISMIC USE GROUP
DESIGN SPECTRAL ACCELERATION
DESIGN SPECTRAL ACCELERATION
SITE CLASS DEFINITION
SEISMIC DESIGN CATEGORY

SEISMIC FORCE RESISTING SYSTEM

DESIGN BASE SHEAR
FACILITY ADDITION

ANALYSIS PROCEDURE

5. ROOF DEAD LOADS

2.5 psf = SHINGLES
1.7 psf = FELT
2.0 psf = ICE & WATER
2.7 psf = SHEATHING
6.0 psf = TRUSSES @ 16" O.C.
2.0 psf = MISG
17.0 psf = DESIGN DEAD LOAD

6. ROOF UPLIFT LOADS

15psf = NET UPLIFT PRESSURE TYP.

7. CONCRETE (U.N.O.)

- COMPRESSIVE STRENGTH - $F_c = 4$ KSI
- CONCRETE REINFORCEMENT - $F_y = 60$ KSI
A615 GR 60 or A616 GR 60

8. STRUCTURAL STEEL (U.N.O.)

- ROUND PIPE - $F_y = 35$ KSI A53 GRB
- PLATES - $F_y = 36$ KSI A36
- ANGLES - $F_y = 36$ KSI A36
- HEADED ANCHOR STUDS - $F_y = 36$ KSI F1554 GR 36

9. FOUNDATIONS

- ALLOWABLE SOIL PRESSURE - 2500 PSF
- TOP OF EXTERIOR FOOTING ELEVATION - 3'-0" MIN. BELOW FINISH GRADE U.N.O.

10. MAXIMUM ALLOWABLE DEFLECTION CRITERIA:

ROOF: L/360 LIVE LOAD, L/240 TOTAL LOAD
MEMBER SUPPORTING WINDOWS: L/1000 LIVE LOAD
EXTERIOR WALL SYSTEMS: L/700 TOTAL LOAD

GENERAL EARTHWORK NOTES

- ALL ISOLATED SPREAD FOOTING AND WALL STRIP FOOTING SHALL BE FOUNDED ON APPROVED MATERIALS PER 02200.
- SEE SPECIFICATIONS AND SOILS REPORT FOR DEFINITION OF MATERIALS AND COMPACTION REQUIREMENTS.
- SEE SPECIFICATIONS AND SOILS REPORT FOR MORE EARTHWORK INFORMATION.
- ALLOWABLE SOIL BEARING PRESSURE: 2500 PSF PER THE GEOTECHNICAL REPORT PREPARED BY BT2, INC. AUGUST 2007, (CONTACT: DEBRA NELSON)
- THE CONTRACTOR SHALL RETAIN A SOILS ENGINEERING FIRM TO IDENTIFY AREAS OF POOR SOILS TO MONITOR PROPER SLURRY PREPARATIONS AND TO OVERSEE AND TEST THE COMPACTION PLACEMENT OF COMPACTION FILL MATERIAL. SEE 02200 FOR TESTING REQUIREMENTS.
- CONTRACTOR SHALL LOCATE EXISTING UNDERGROUND UTILITIES BEFORE FOUNDATION EXCAVATION BEGINS. IF UNDERGROUND UTILITY CONFLICTS ARE DISCOVERED BEFORE OR ENCOUNTERED DURING EXCAVATION, NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY.
- BEFORE PLACING FOOTINGS, FOUNDATIONS OR SLAB-ON-GRADE, THE SUB-GRADE SHALL BE PREPARED AND INSPECTED AS REQUIRED BY THE SPECIFICATIONS AND THE DRAWINGS.

CONCRETE REINFORCEMENT PROTECTION

FOOTINGS
BOTTOM & SIDES - 3"
TOP - 2"
WALLS
EXTERIOR EXPOSURE #5 & LARGER - 2"
INTERIOR EXPOSURE #1 & SMALLER - 3/4"

SALT STORAGE BUILDING

- $P_g = 30$ PSF
- $P_f = 25$ PSF
- $C_e = 0.9$
- $I_s = 1.0$
- $C_t = 1.2$

- $V_s = 90$ MPH
- $I_w = 1.0$
- Category = II
- Exposure = C
- $G_{Cpt} = (V_s/160) \cdot 0.18$
- $K_f = 0.85$
- Enclosure = Enclosed
- $G = 0.87$

- $S_u = 1.0$
- $S_{DS} = 0.105g$
- $S_{D1} = 0.067g$
- Site Class = 0
- $S_{DC} = B$
- $R = 4.5$
- $I = 1.0$

- ORCSW

- V (SEISMIC) = TRANSVERSE = 43 KIPS
LONGITUDINAL = 43 KIPS

- EQUIVALENT LATERAL FORCE

GENERAL CONCRETE FLATWORK AND FOUNDATION NOTES

- PREPARE ALL SUBGRADES FOR FOUNDATION AND SLABS FOR SOILS REPORTS AND SPECIFICATIONS. ALLOW FOR AND COORDINATE REQUIRED SUBGRADE INSPECTIONS PRIOR TO PLACING REINFORCEMENT OR CONCRETE.
- PROVIDE PVC SLEEVES THROUGH FOUNDATION WALLS/FOOTINGS FOR PIPE, CONDUIT, AND CABLE PENETRATIONS, INCLUDING ELECTRICAL GROUNDING SYSTEM CABLES. SEE APPROPRIATE DRAWINGS FOR LOCATIONS/SIZES. PLACE SLEEVES IN LOCATIONS TO AVOID DISPLACING REINFORCING STEEL.
- ALL CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM WITH THE LOCAL BUILDING CODE REQUIREMENTS AND THOSE OF THE FOLLOWING STANDARDS (LATEST EDITION):
"ACI 318, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
"ACI 315, DETAILS AND DETAILING OF CONCRETE REINFORCEMENT."
"ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS."
"ACI 307, RECOMMENDED PRACTICE FOR CONCRETE FORM WORK."
- SEE SECTION 03300 OF SPECIFICATIONS FOR INFORMATION REGARDING CONCRETE MIX DESIGN, TESTING, MATERIALS, AND ADMIXTURES. TWENTY-EIGHT DAY CONCRETE STRENGTHS SHALL BE AS FOLLOWS:
NORMAL WEIGHT CONCRETE:
CLASS A - 4,000 PSI, CURBS AND WALLS.
- ALUMINUM CONDUIT IS NOT PERMITTED TO BE EMBEDDED IN CONCRETE.
- PROVIDE FOOTING DONNELS TO MATCH VERTICAL WALL REINFORCING, WHERE WALL REINFORCING IS NOT INDICATED. DONEL FOOTING TO FOUNDATION WALLS WITH NO. 5 REBAR AT 2' O.C. BY 2'-4" LONG, WITH STANDARD HOOKS A MINIMUM 12" INTO FOOTING.
- REINFORCE ALL FOUNDATION WALLS AND FOOTINGS AS SHOWN ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- CONTROL JOINTS IN THE CAST-IN-PLACE CONCRETE FOUNDATION WALLS SHALL BE PLACED AT SPACING NOT TO EXCEED 20' O.C. OR AS LOCATED PER ARCHITECTURAL DRAWINGS.
- ALL HOLES IN CONCRETE FOUNDATION WALLS ARE TO HAVE FOUR (4) NO. 5 DIAGONAL BARS EACH FACE UNLESS OTHERWISE NOTED. BARS TO EXTEND 2 FEET BEYOND HOLES ON EACH SIDE PER DETAIL 8/21.
- PROVIDE HOT/COLD WEATHER PROCEDURES AND PROTECTION IN ACCORDANCE WITH ACI RECOMMENDATIONS AND PROJECT SPECIFICATIONS.

REINFORCING NOTES

- ALL BAR LAPS SHALL CONFORM TO ACI 318-89 CLASS "B" SPLICE CRITERIA. USE TOP BAR LAP LENGTHS FOR TOP BARS ON SLABS AND BEAMS OVER 14" DEEP.
- LAP LENGTH SHALL BE SPECIFICALLY NOTED ON PLACING DRAWINGS WHERE MORE THAN ONE BAR MAKES UP A CONTINUOUS STRING.
- HORIZONTAL BARS SHALL BE DETAILED TO SHOW THE DISTANCE FROM AT LEAST ONE END OF THE BAR TO THE NEAREST BUILDING GRID LINE OR WALL.
- REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI 315-74.
- ALL FOOTINGS TO HAVE DONNELS WITH STANDARD 90 DEGREE HOOKS U.N.O.

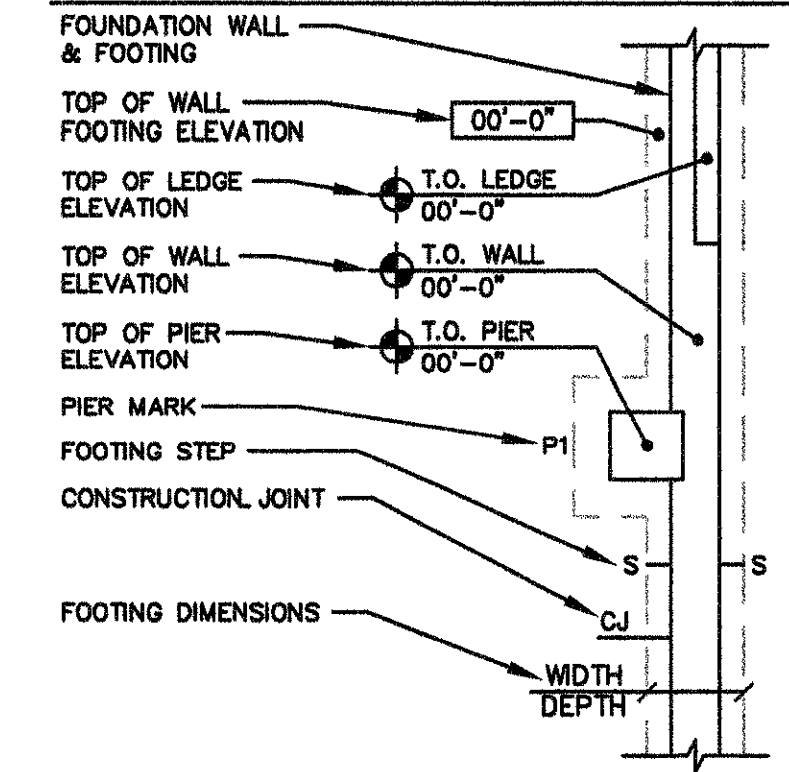
SHOP DRAWINGS

- SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL STRUCTURAL ITEMS IN ADDITION TO ANY ITEMS REQUIRED BY THE SPECIFICATIONS. CONSTRUCTION DOCUMENTS SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS.
- THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS AND PRODUCT DATA FOR CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS PRIOR TO SUBMITTAL. ANY SHOP DRAWING OR PRODUCT DATA NOT REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR WILL BE REJECTED. GENERAL CONTRACTOR SHALL CLOUD OR FLAG ALL ITEMS NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SHALL VERIFY ALL DIMENSIONS.
- ANY CHANGES, SUBSTITUTIONS OR DEVIATIONS FROM THE ORIGINAL CONTRACT DRAWINGS SHALL BE CLOUDED BY THE MANUFACTURER OR FABRICATOR. ANY CHANGES, SUBSTITUTIONS, OR DEVIATIONS WHICH ARE NOT CLOUDED OR FLAGGED BY SUBMITTING PARTIES SHALL NOT BE CONSIDERED ALLOWED AFTER THE ENGINEER'S REVIEW, UNLESS SPECIFICALLY NOTED ACCORDINGLY BY THE STRUCTURAL ENGINEER.
- THE STRUCTURAL ENGINEER RESERVES THE RIGHT TO ALLOW OR NO ALLOW ANY CHANGES TO THE ORIGINAL CONTRACT DRAWINGS AT ANY TIME BEFORE OR AFTER SHOP DRAWINGS REVIEW.
- THE SHOP DRAWINGS DO NOT REPLACE THE ORIGINAL CONTRACT DRAWINGS. ITEMS OMITTED OR SHOWN INCORRECTLY ARE NOT TO BE CONSIDERED CHANGES TO THE ORIGINAL CONTRACT DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ITEMS OMITTED OR SHOWN INCORRECTLY ARE CONSTRUCTED IN ACCORDANCE WITH THE ORIGINAL CONTRACT DRAWINGS.
- REVIEWING IS INTENDED ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT. RESPONSIBILITY FOR CORRECTNESS AND COMPLETENESS SHALL REST WITH THE CONTRACTOR.
- SHOP DRAWINGS WILL BE RETURNED FOR RESUBMITTAL IF MAJOR ERRORS ARE FOUND DURING REVIEW.
- ALLOW A MINIMUM OF (10) WORKING DAYS FOR REVIEW OF SHOP DRAWINGS BY THE STRUCTURAL ENGINEER.

STRUCTURAL TESTING AND INSPECTION

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT ALL STRUCTURAL WORK FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY STRUCTURAL INSPECTION PROVIDED BY OTHERS DOES NOT RELIEVE THE CONTRACTOR OF THIS RESPONSIBILITY. ANY STRUCTURAL DEVIATIONS FROM THE CONTRACT DOCUMENTS THAT ARE FOUND AT A LATER DATE AND ARE DECLARED TO BE SIGNIFICANT BY THE STRUCTURAL ENGINEER SHALL BE CORRECTED BY THE CONTRACTOR WITHOUT ANY DELAY TO THE PROJECT SCHEDULE.
- THE CONTRACTOR SHALL RETAIN AN INDEPENDENT TESTING AGENCY TO PROVIDE FIELD AND LAB TESTING OF CONSTRUCTION MATERIALS AND TO PROVIDE CONSTRUCTION INSPECTIONS. THE CONSTRUCTION INSPECTION SHALL BE DONE BY QUALIFIED INSPECTORS THAT ARE SATISFACTORY TO THE ARCHITECT AND ENGINEER.
- THE CONTRACTOR SHALL PROVIDE THE TESTING AGENCY ACCESS TO ALL PLACES WHERE THE WORK IS BEING PERFORMED. A MINIMUM OF 24 HOURS NOTIFICATION SHALL BE GIVEN PRIOR TO THE COMMENCEMENT OF WORK.
- INSPECTION OF FIELD WORK SHALL BE PROMPTLY COMPLETED WITHOUT DELAYING THE PROGRESS OR CORRECTION OF THE WORK.
- THE TESTING AGENCY IS NOT AUTHORIZED TO DIRECT OR APPROVE ANY CHANGES FROM THE CONTRACT DOCUMENTS. IF THE CONTRACTOR WISHES TO QUESTION THE TESTING AGENCY'S INTERPRETATION OF THE CONTRACT DOCUMENTS, HE MAY DO SO DIRECTLY WITH THE ARCHITECT OR STRUCTURAL ENGINEER.
- THE TESTING AGENCY IS NOT AUTHORIZED TO STOP OR DELAY THE WORK. IF THE CONTRACTOR ELECTS TO CONTINUE WITH A CERTAIN PORTION OF WORK AFTER BEING NOTIFIED BY THE TESTING AGENCY THAT SUCH WORK IS UNACCEPTABLE, THE CONTRACTOR DOES SO AT THEIR OWN RESPONSIBILITY AND RISKS CORRECTING THE WORK AT A LATER DATE.
- REJECTION OF MATERIALS OR WORKMANSHIP THAT IS NOT IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS SHALL BE PERMITTED AT ANY TIME DURING THE PROGRESS OF THE WORK. HOWEVER, THIS PROVISION SHALL NOT RELIEVE THE TESTING AGENCY OF THE OBLIGATION FOR TIMELY, IN-SEQUENCE INSPECTIONS.
- THE TESTING AGENCY SHALL OBSERVE THE WORK FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE TESTING AGENCY IS NOT INSPECTING FOR O.S.H.A. COMPLIANCE AND/OR TEMPORARY CONSTRUCTION METHODS, SUCH AS BRACING.
- INSPECTION IS NOT REQUIRED FOR WORK PROVIDED BY OTHERS OR FOR WORK PERFORMED AT AN OFF-SITE FABRICATION SHOP, UNLESS SPECIFICALLY NOTED OR SPECIFIED OTHERWISE.
- THE PROJECT SPECIFICATIONS TYPICALLY INDICATES THE FREQUENCY OF THE CONSTRUCTION TESTING AND INSPECTIONS. WHERE THE FREQUENCY IS NOT INDICATED, THE TESTING AGENCY WILL SUBMIT A PROPOSAL OF INSPECTION INTERVALS TO THE ARCHITECT/ENGINEER.
- THE TESTING AGENCY SHALL ISSUE ONGOING REPORTS OF THE TESTS TO THE CONTRACTOR, ENGINEER, AND ARCHITECT OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN IF UNCORRECTED, TO THE ENGINEER AND ARCHITECT OF RECORD.
- UPON COMPLETION OF THE ASSIGNED WORK, THE SPECIAL INSPECTOR SHALL COMPLETE AND SIGN A FINAL REPORT CERTIFYING THAT TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, THE WORK IS IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
- INSPECTION AGENCY SHALL INSPECT FOR CONFORMANCE TO SPECIFIED REQUIREMENTS FOR PROTECTING NEW CONCRETE AND MASONRY FROM THE ADVERSE EFFECTS OF WEATHER, HEATING EQUIPMENT AND OTHER POTENTIALLY HARMFUL CONDITIONS. IN THE ABSENCE OF SPECIFIED REQUIREMENTS, RECOMMENDATIONS OF ACI AND PCI SHALL BE USED AS A STANDARD FOR CONFORMANCE.
- CONSTRUCTION TESTING AND INSPECTION BY THE TESTING AGENCY IS REQUIRED AS FOLLOWS:
A. CONCRETE TESTING AS REQUIRED IN THE SPECIFICATIONS.
B. CONCRETE INSPECTION SHALL INCLUDE THE PLACEMENT OF REINFORCEMENT, CONCRETE, AND EMBEDDED ITEMS. REINFORCING BAR SIZES, SPACING, TIES, LAPS, AND COVER SHALL BE INSPECTED.
THE PLACEMENT, CONSOLIDATION, FINISHING AND CURING OF ALL MAJOR CONCRETE POURS SHALL BE INSPECTED. THE INSTALLATION OF EMBEDDED PLATES OR ANGLES, ANCHOR BOLTS, EXPANSION ANCHORS, AND EPOXY ANCHORED BOLTS OR REBARS SHALL BE INSPECTED, AS APPLICABLE.

FOUNDATION LEGEND



ABBREVIATIONS

- TOP = TOP OF PIER
- TOF = TOP OF FOOTING
- TOW = TOP OF WALL
- TOL = TOP OF LEDGE
- TOC = TOP OF CONCRETE
- FM = FOUNDATION
- FX = FOOTING TYPE
- PT = PIER TYPE
- CJ = CONTROL JOINTS
- TSL = TOP OF SLAB
- EL = ELEVATION
- WF = WELDED WIRE FABRIC
- FF = FINISH FLOOR
- UNO = UNLESS NOTED OTHERWISE

GENERAL NOTES

- WALL TYPE
- ELEVATION
- DETAIL OR SECTION

TYPICAL NOTES

- FOR APPLICABLE CODES AND STANDARDS, MATERIAL STRENGTHS AND CONSTRUCTION REQUIREMENTS, SEE GENERAL STRUCTURAL NOTES AND SPECIFICATIONS.
- VERIFY ALL DIMENSIONS WITH CONSTRUCTION DOCUMENTS PRIOR TO START OF CONSTRUCTION - RESOLVE ANY DISCREPANCY WITH ARCHITECT/ENGINEER.
DO NOT SCALE DRAWINGS!!!!
- FOR CLARITY, ALL EXTERIOR SLABS AND SIDEWALKS MAY NOT BE SHOWN. FOR EXACT DIMENSIONS, LOCATIONS, JOINTS AND SCORE LINES, SEE ARCHITECTURAL DRAWINGS.
- FOR CLARITY, ALL ROOF, FLOOR AND WALL OPENINGS MAY NOT BE SHOWN ON STRUCTURAL DRAWINGS. FOR EXACT SIZE, NUMBER AND LOCATION OF OPENINGS, SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR FRAMING AT OPENINGS. SEE TYPICAL STRUCTURAL DETAILS. VERIFY ALL SIZES, WEIGHTS AND LOCATIONS OF MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTS, ETC. WITH MECHANICAL AND ELECTRICAL CONTRACTORS.
- DETAILS MARKED "TYPICAL" MAY OR MAY NOT BE CUT ON PLANS, BUT SHALL APPLY UNLESS NOTED OTHERWISE.
- STRUCTURAL SYSTEM IS DESIGNED TO WORK AS A COMPLETED SYSTEM, ANY SHORING OR BRACING REQUIRED DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

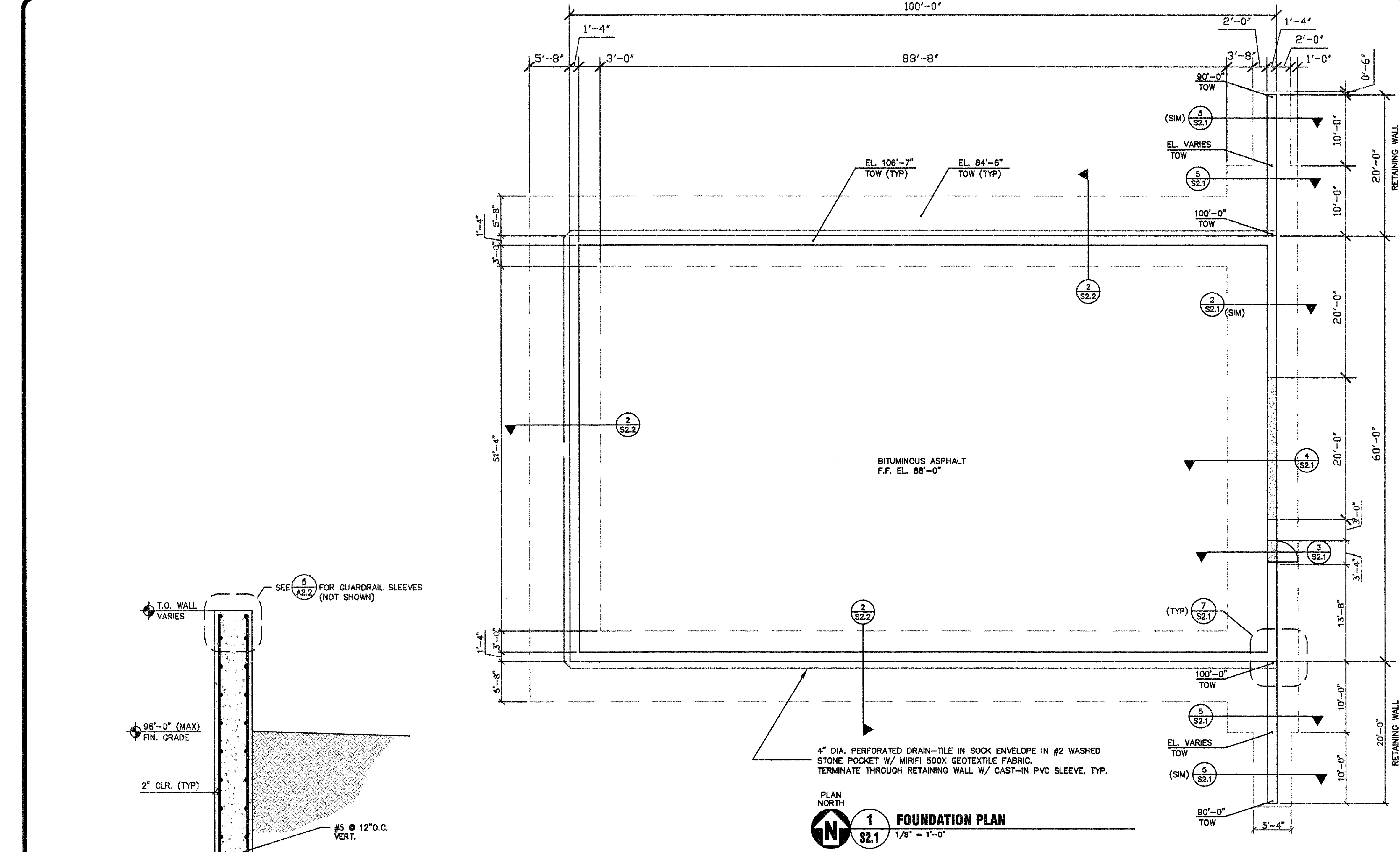
General Structural Notes

SALT STORAGE FACILITY
DANE COUNTY HIGHWAY DEPT.
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TOWN OF YORK, DANE COUNTY, WI

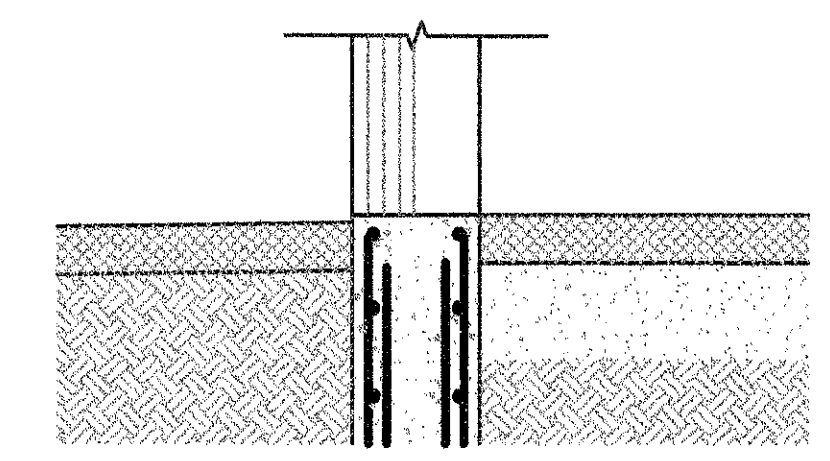
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S1.1

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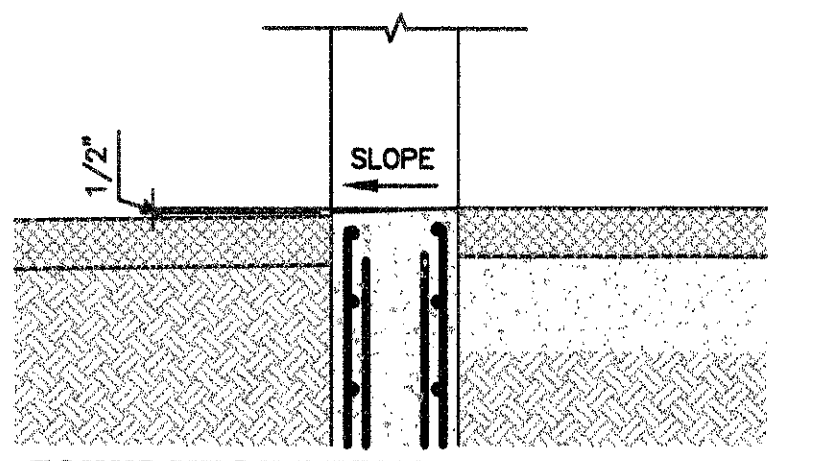
Revisions
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Drawn By: JRL
Design By: SCR/WTS
Bid No: 107088
Date: 10/01/07
Scale: AS NOTED



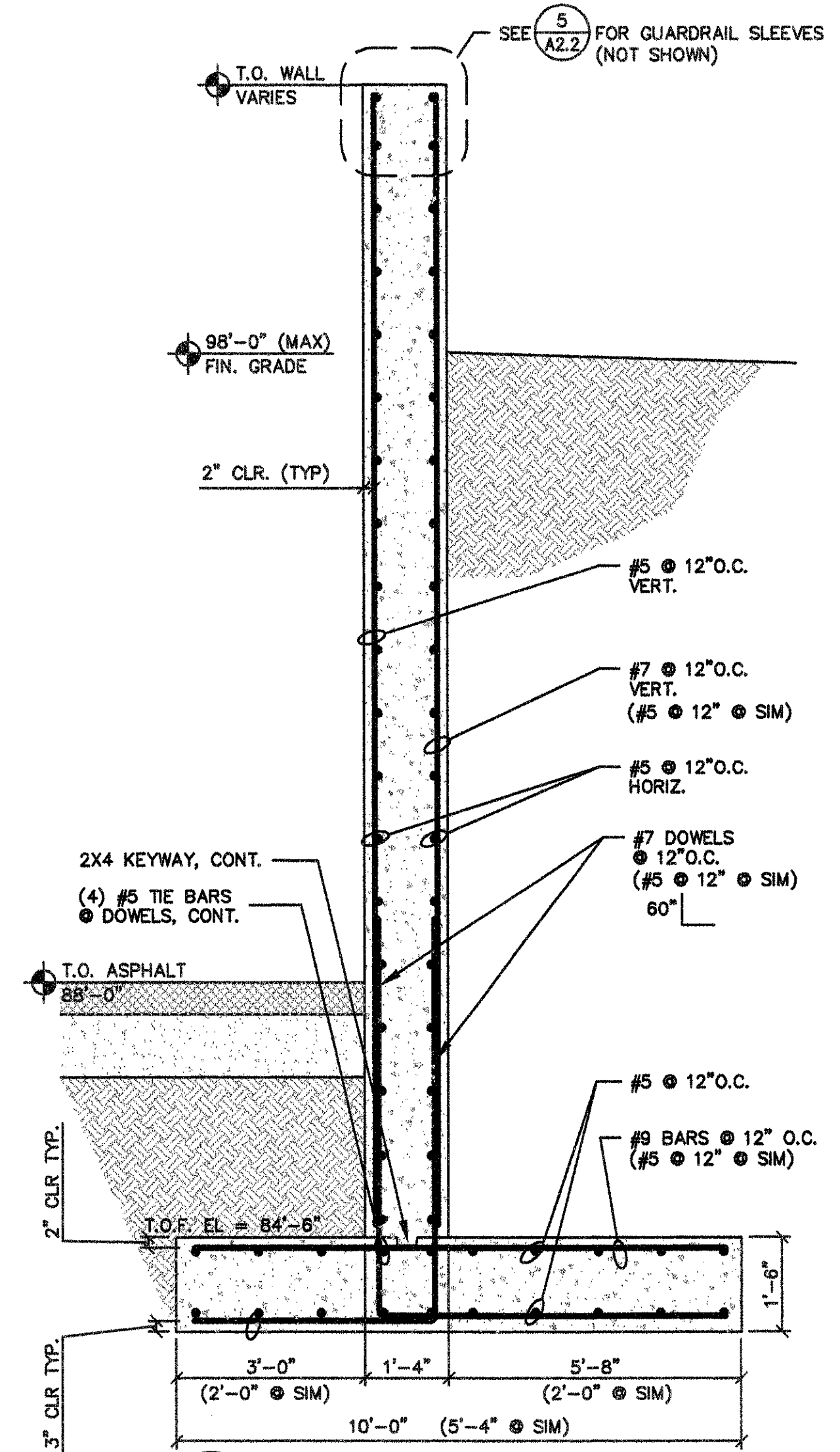
1 FOUNDATION PLAN
S2.1 1/8" = 1'-0"



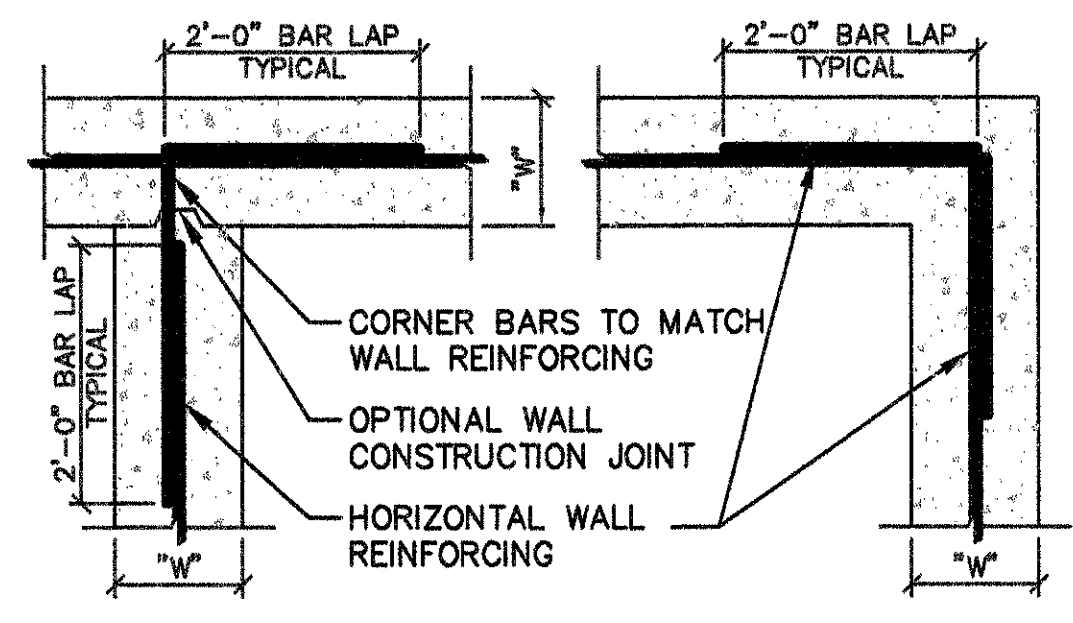
3 FOUNDATION DETAIL @ WALK DOOR
S2.1 1/2" = 1'-0"



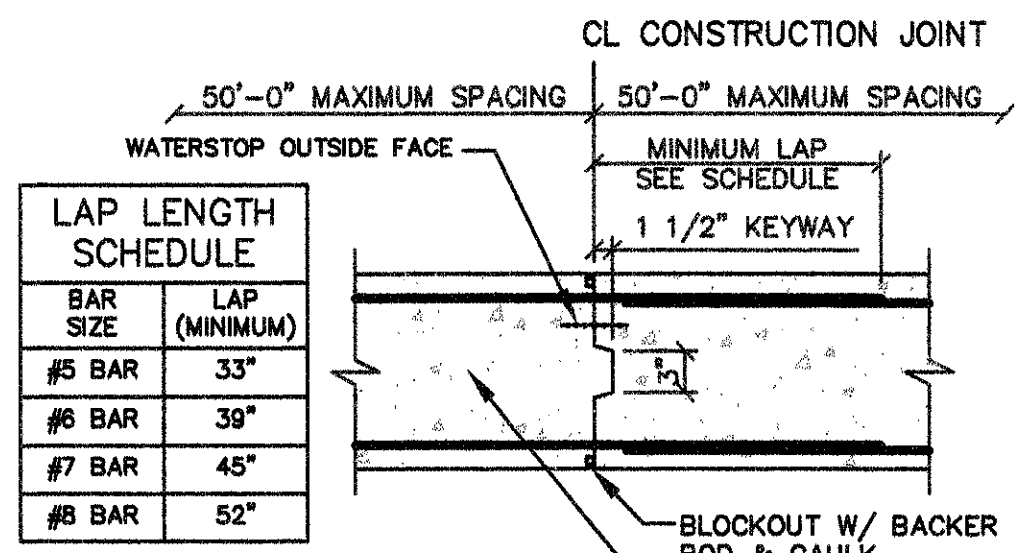
4 FOUNDATION DETAIL @ OVERHEAD DOOR
S2.1 1/2" = 1'-0"



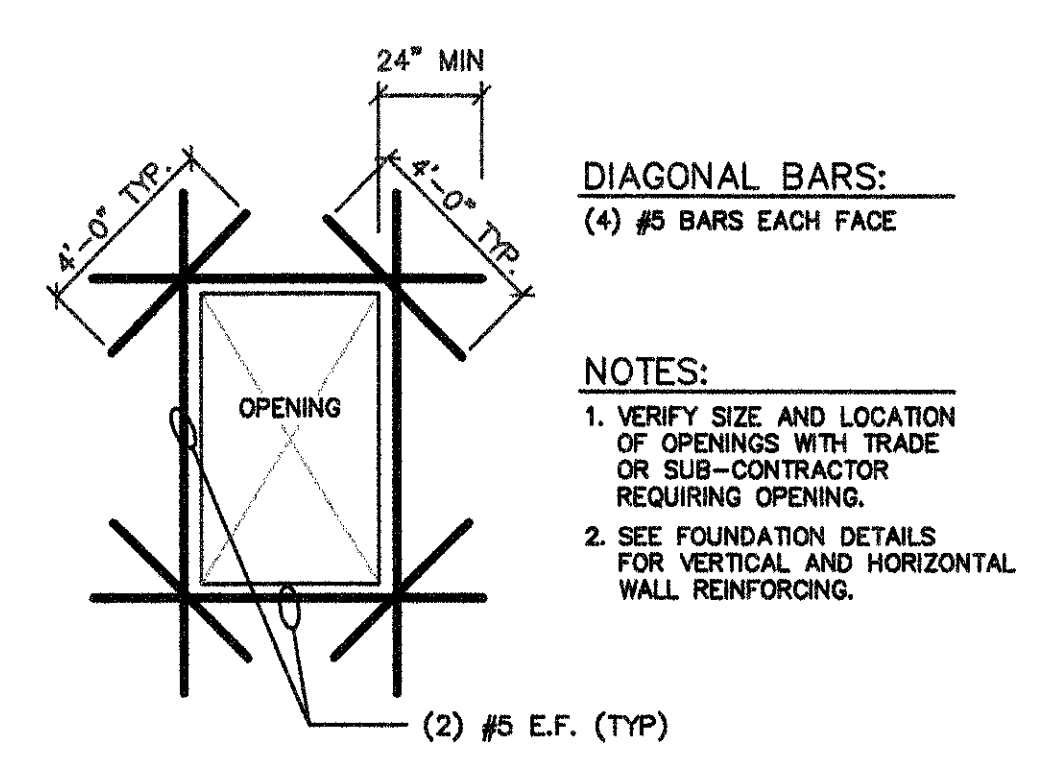
5 RETAINING WALL DETAIL
S2.1 1/2" = 1'-0"



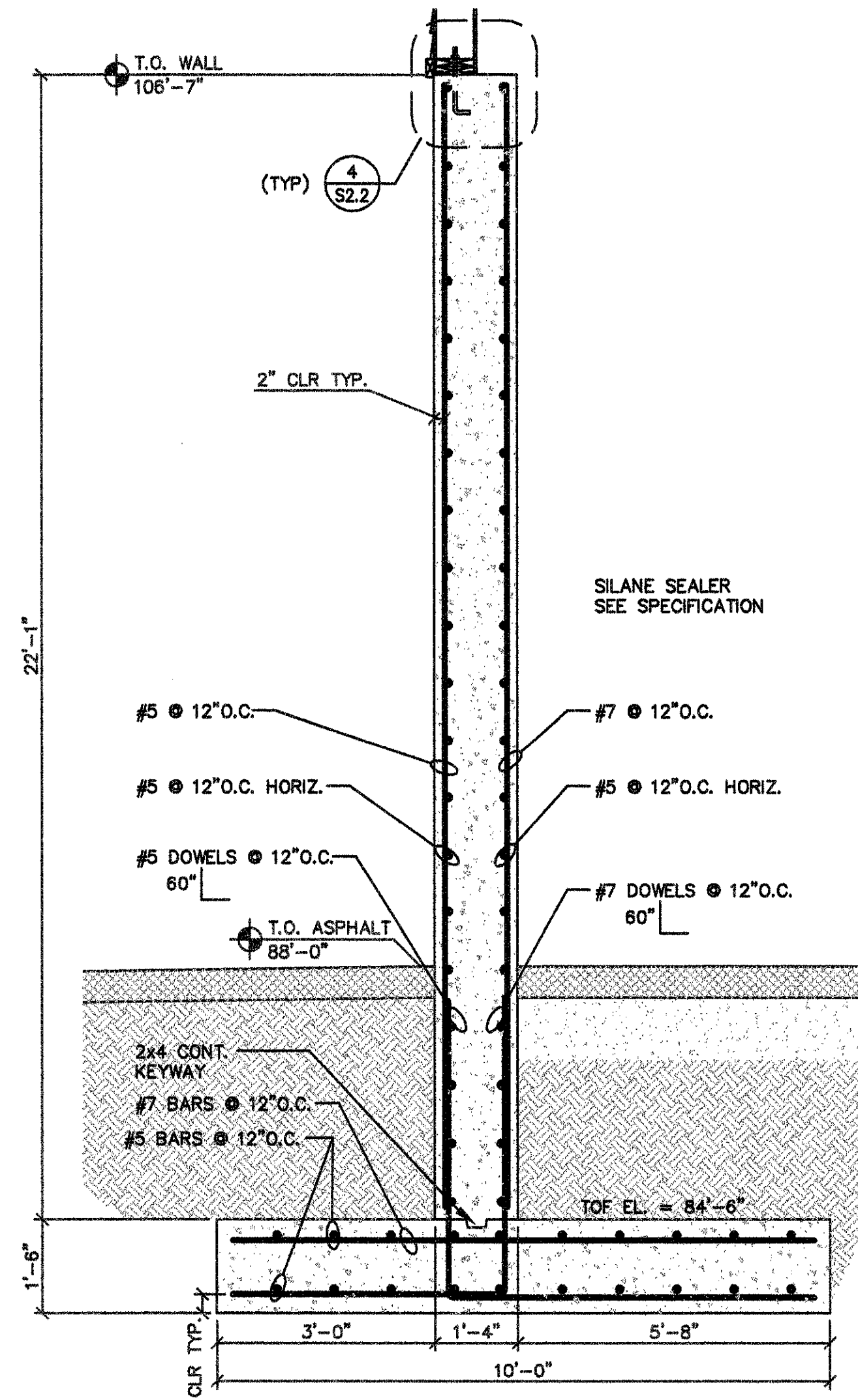
6 TYPICAL FOUNDATION CORNER REINFORCEMENT
S2.1 NO SCALE



7 FOUNDATION WALL CONSTRUCTION JOINT
S2.1 NO SCALE



8 FOUNDATION WALL PENETRATION REINFORCEMENT
S2.1 NO SCALE

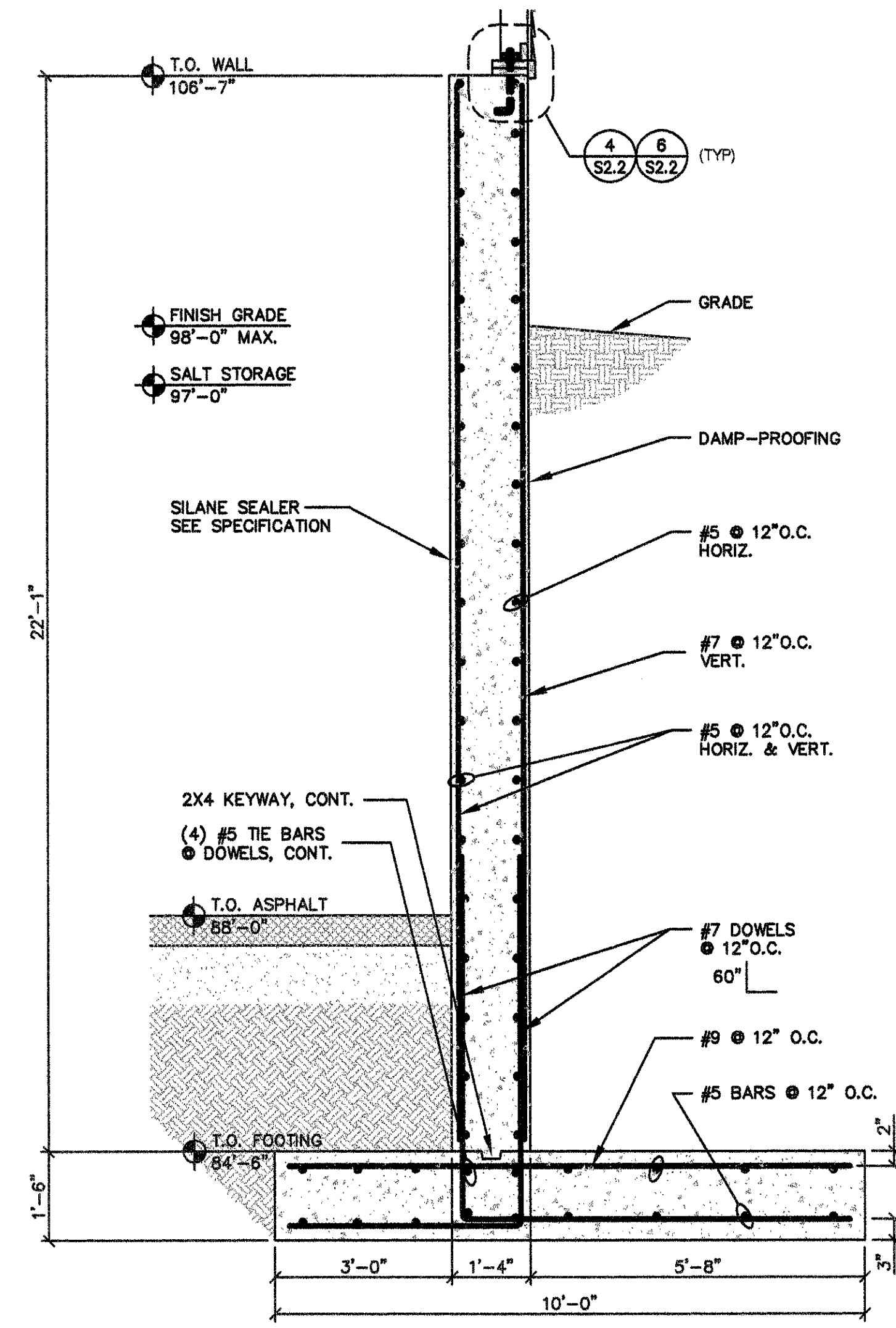


2 FOUNDATION WALL AT EAST WALL
S2.1 1/8" = 1'-0"

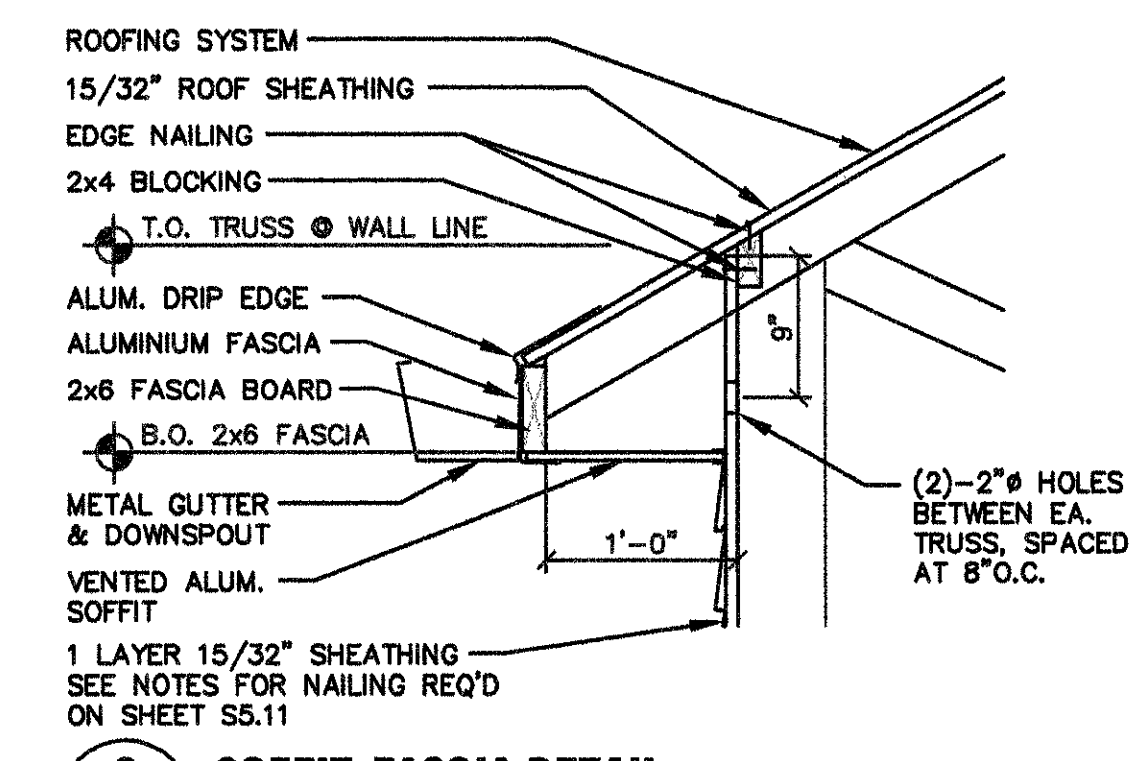
Revisions
Approved By R.J.N.
Drawn By J.R.L.
Design By SCR/WTS
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Scale AS NOTED

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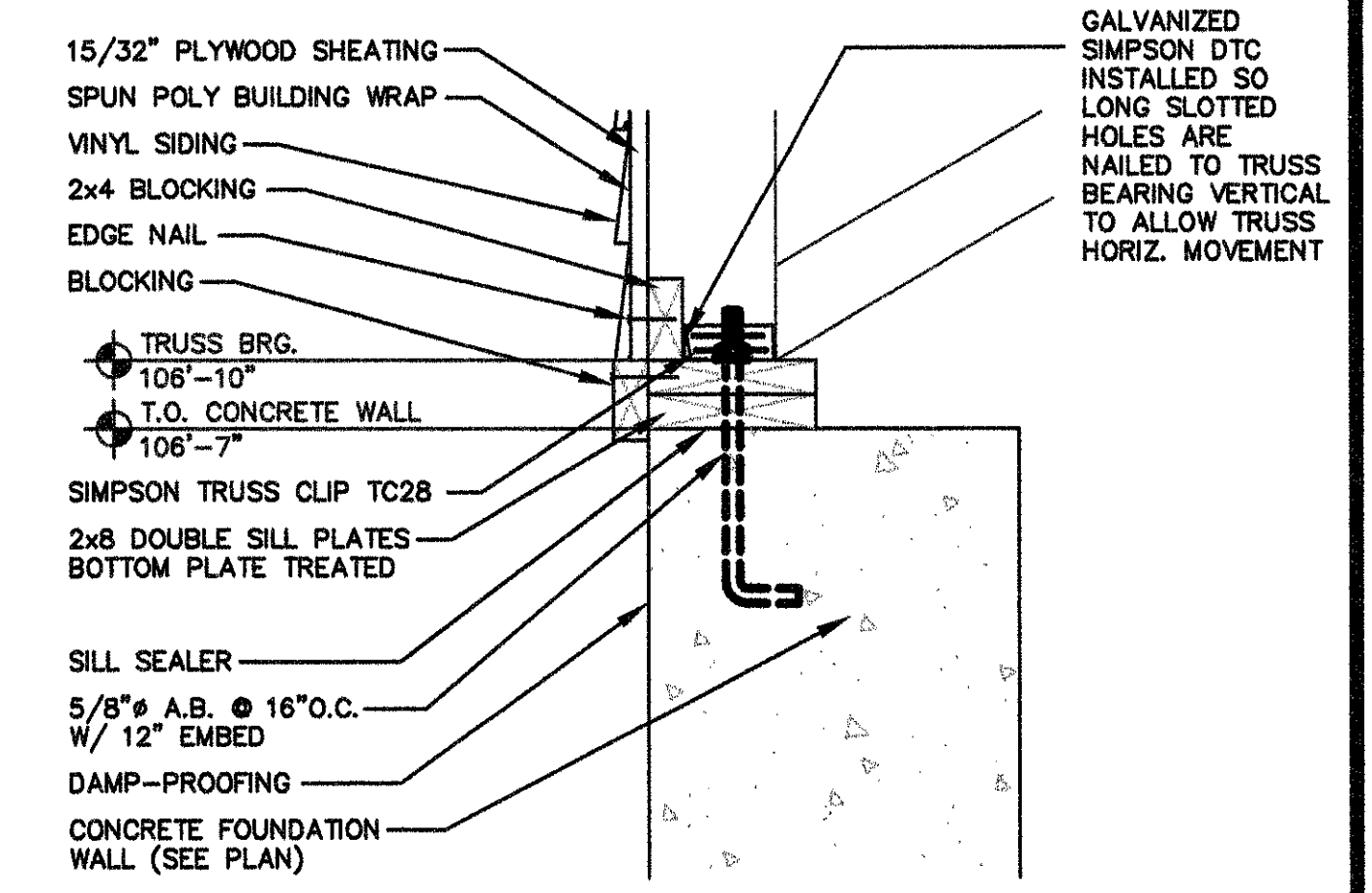
Foundation Plan, Details
SALT STORAGE FACILITY
DANE COUNTY HIGHWAY DEPT.
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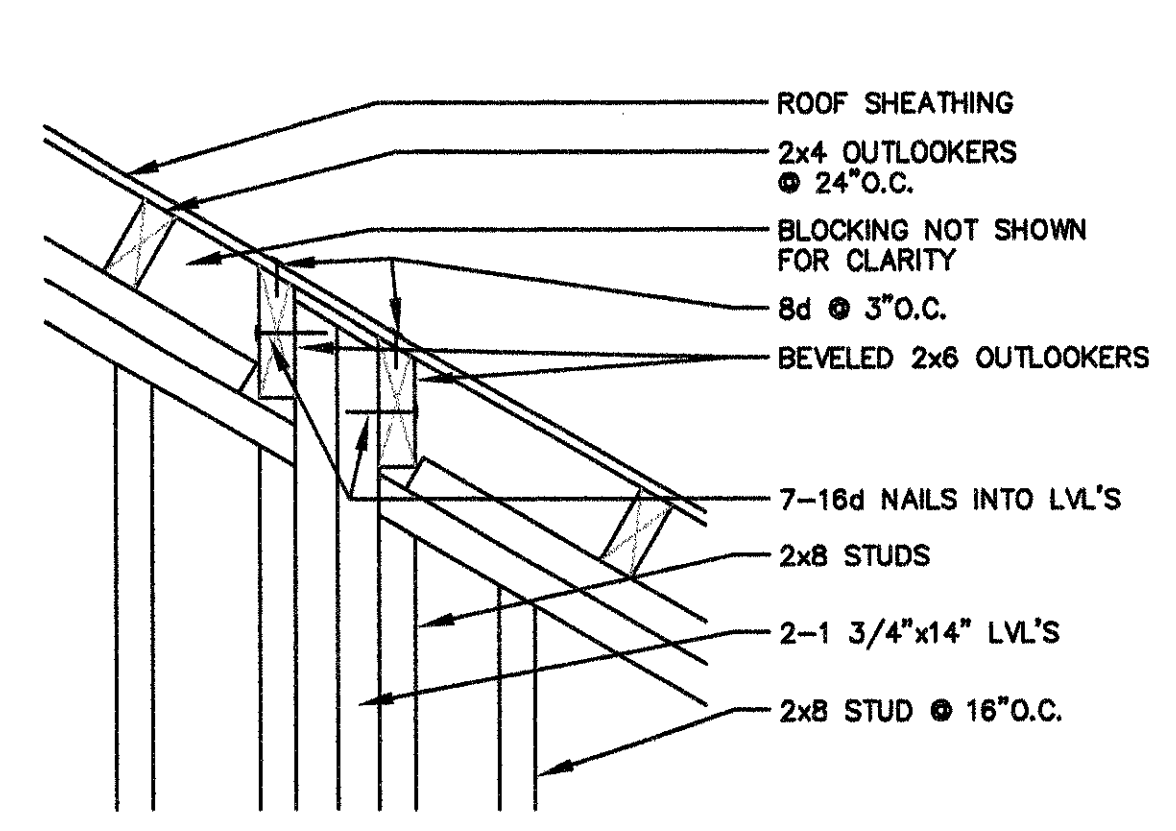
2 FOUNDATION WALL
\$2.2 1/2" = 1'-0"



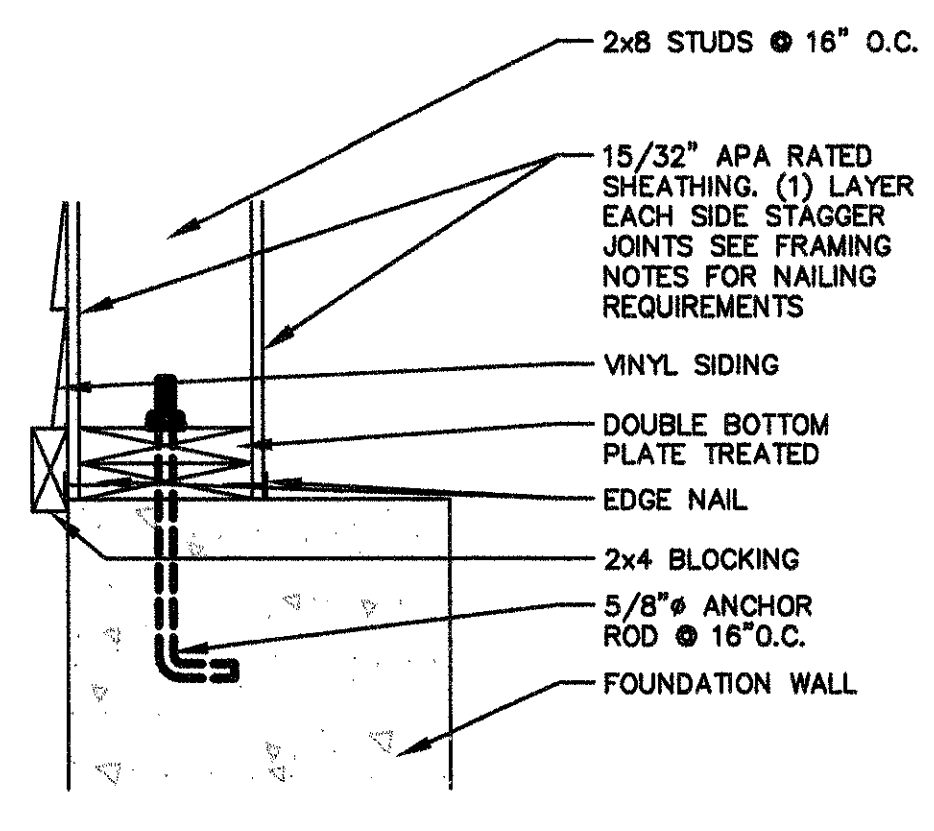
3 SOFFIT-FASCIA DETAIL
\$2.2 1" = 1'-0"



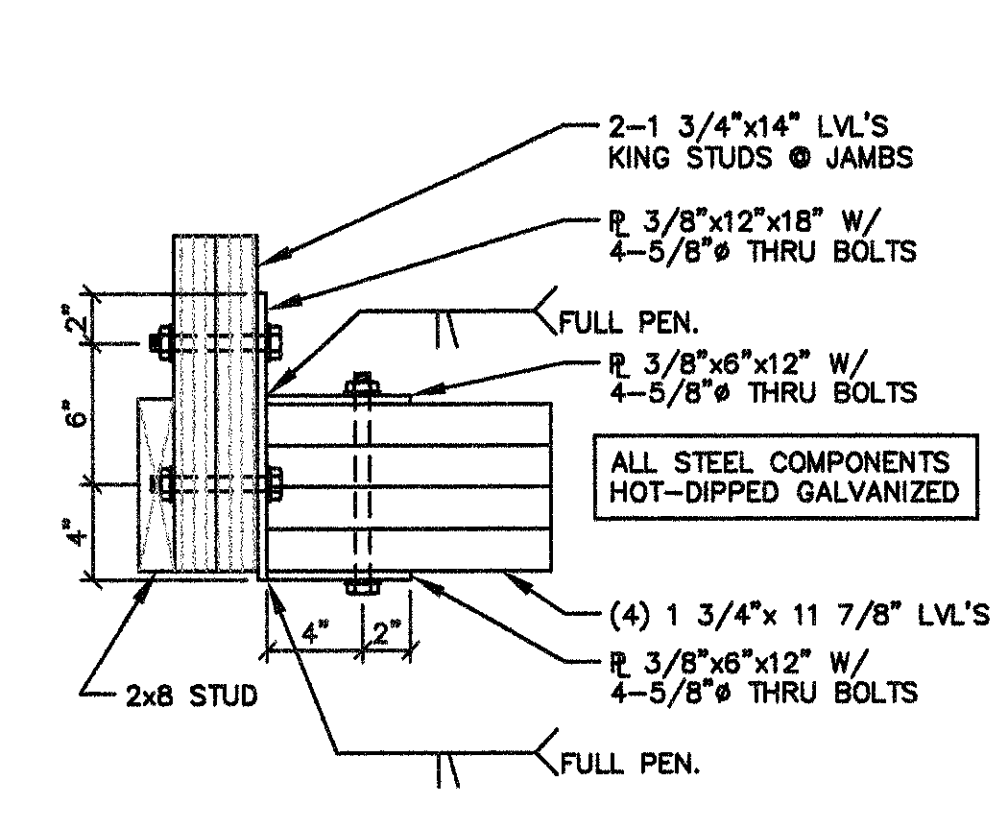
4 TRUSS BEARING DETAIL
\$2.2 1 1/2" = 1'-0"



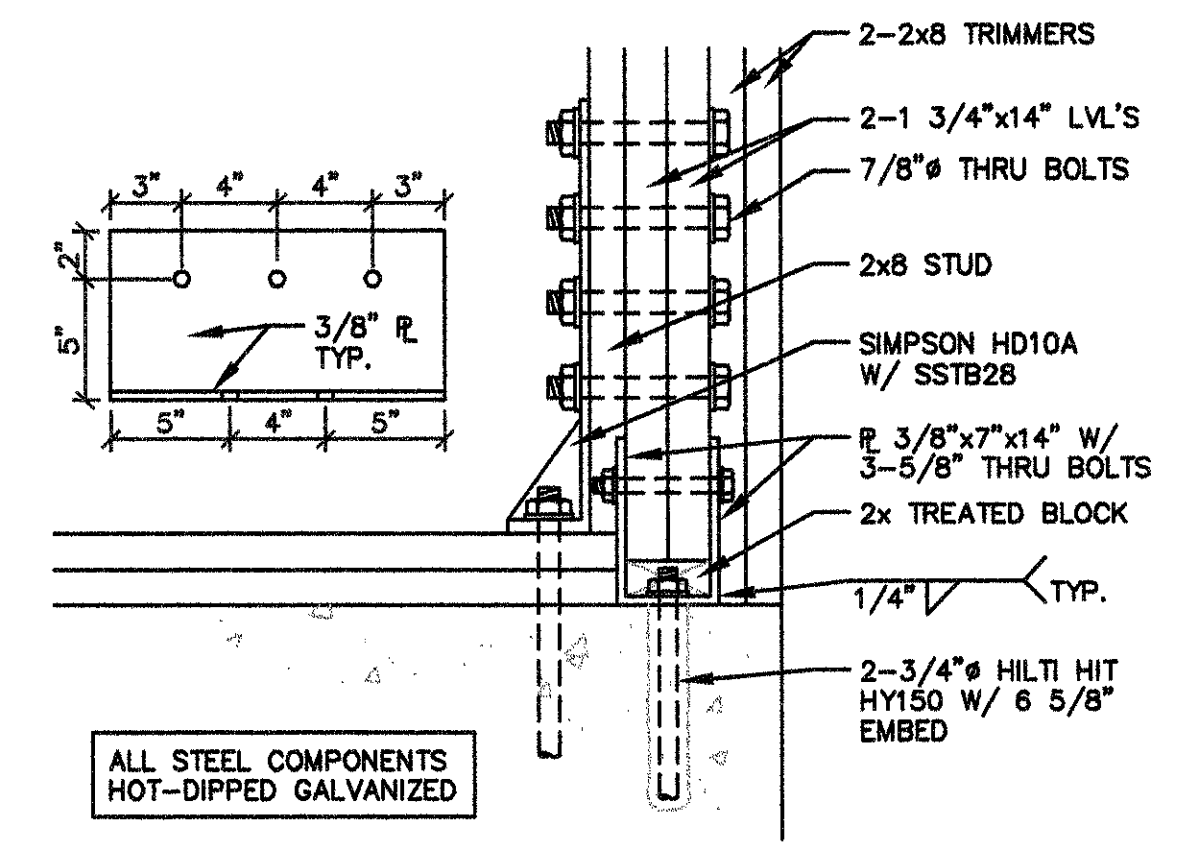
5 JAMB DETAILING AT TOP OF WALL
\$2.2 1 1/2" = 1'-0"



6 END WALL FRAMING DETAIL
\$2.2 1 1/2" = 1'-0"



7 JAMB DETAILING AT DOOR HEADER - PLAN VIEW
\$2.2 1 1/2" = 1'-0"



8 JAMB DETAILING AT CONCRETE WALL
\$2.2 1 1/2" = 1'-0"

1 NOT USED
\$2.2 1/2" = 1'-0"

Structural Details

SALT STORAGE FACILITY
DANE COUNTY HIGHWAY DEPT.
US HWY 151/CTH V
TOWN OF YORK, DANE COUNTY, WI

DEPARTMENT OF PUBLIC WORKS
DANE COUNTY WISCONSIN

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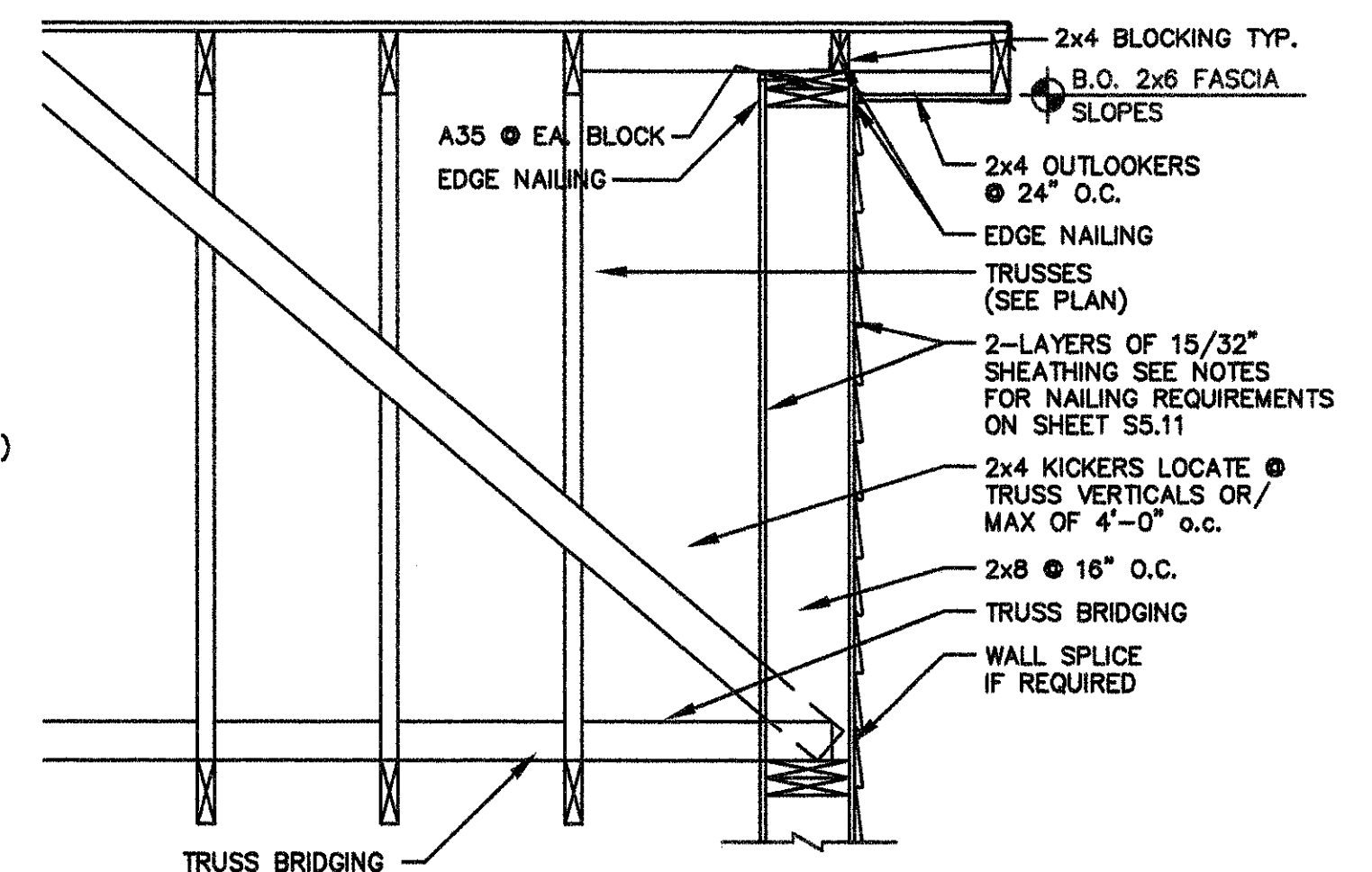
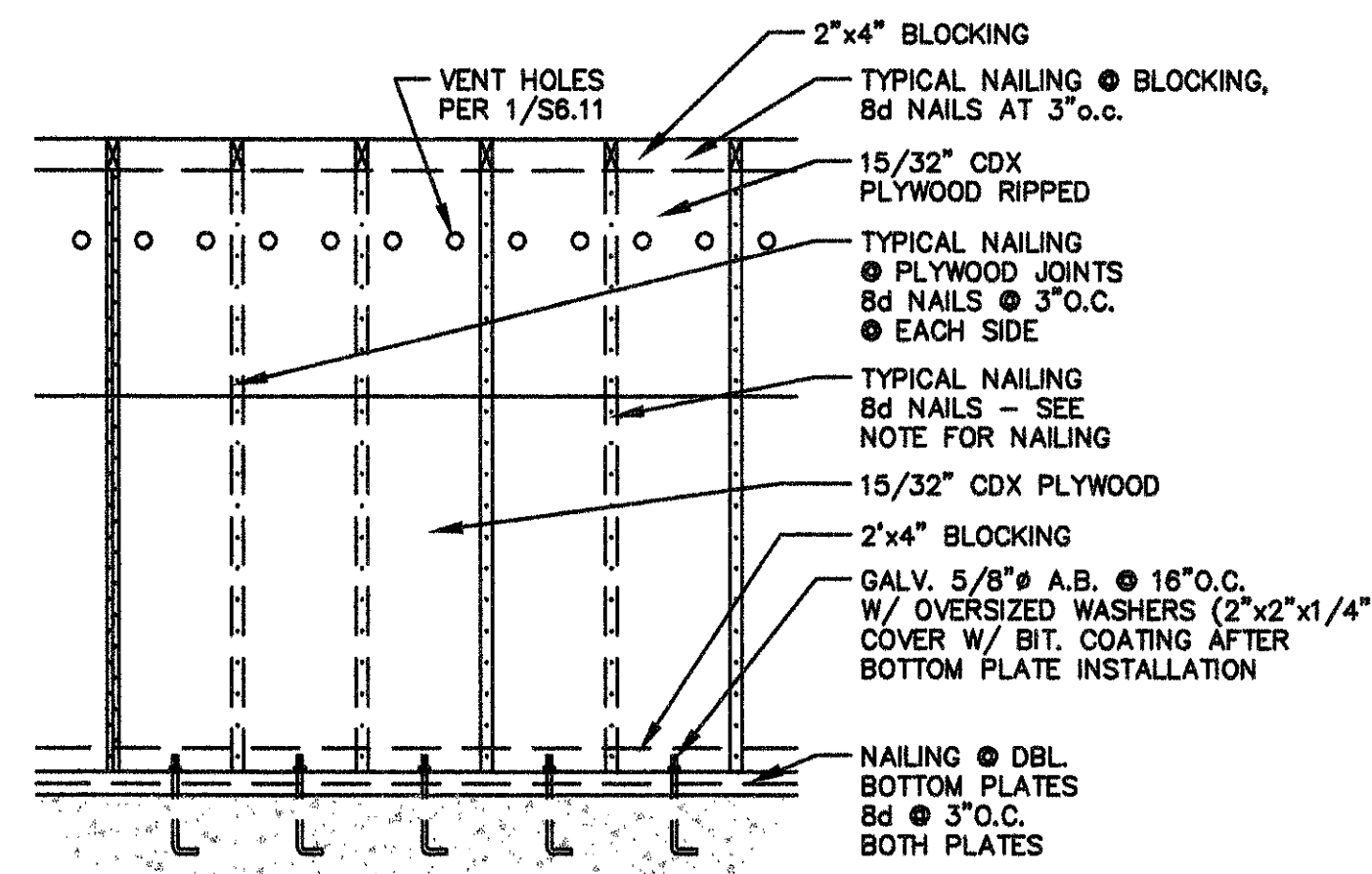
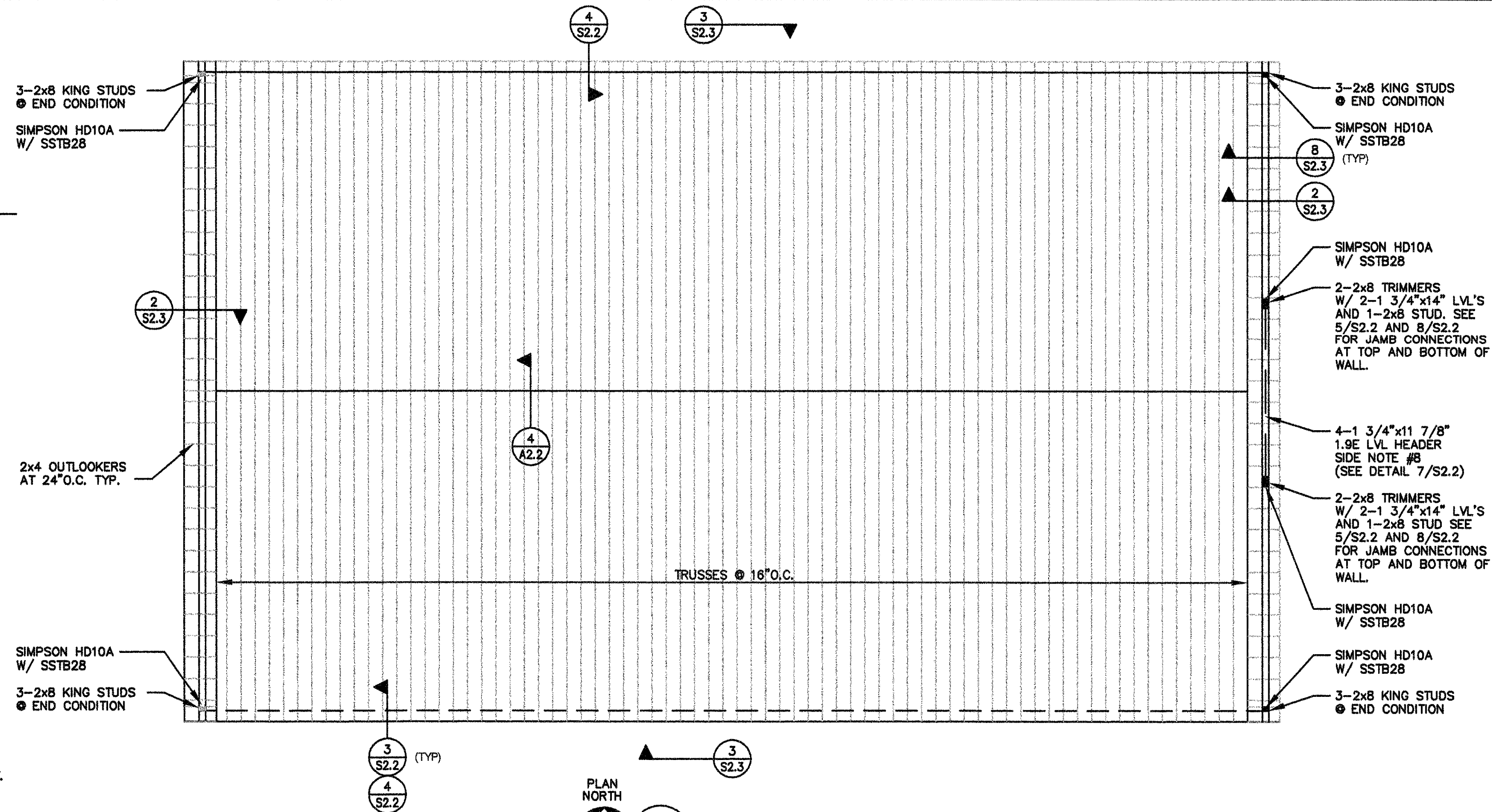
GENERAL NOTES

- SEE SHEET S0.1 FOR ADDITIONAL INFORMATION
- TYPICAL PRESS-PLATE WOOD TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING SUPERIMPOSED LOADS:
 - TOP CHORD DEAD LOAD = 10.0psf
 - TOP CHORD LIVE LOAD = 30psf (SNOW LOAD)
 - BOTTOM CHORD DEAD LOAD = 10.0psf
 - BOTTOM CHORD LIVE LOAD = 0psf
 - WIND UPLIFT = 20psf
- ROOF SHEATHING SHALL CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS:
 - APA RATED 15/32" EXT. SHEATHING
 - SPAN RATING 32/16
 - NAILING REQUIREMENTS SHALL BE:
 - 8d @ 4" O.C. AT ALL BLOCKED EDGES. SEE PLAN FOR BLOCKING REQUIREMENTS.
 - 8d @ 6" O.C. AT ALL UNBLOCKED EDGES.
 - 8d @ 12" O.C. FIELD NAILING. TYP. BLOCKING SHALL BE 2x4 MIN. (ON EDGE).
- PROVIDE SIMPSON TC28 TRUSS CONNECTOR AT ALL TRUSS BEARING LOCATIONS.
- PROVIDE MIN. 2-2x8 FULL HT STUDS ON EACH SIDE OF MECH. OPENINGS.
- EXTERIOR WALLS @ NORTH AND SOUTH SIDE SHALL BE 2x8 SPF #2 OR BETTER @ 16" O.C.
- WALL SHEATHING SHALL CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS:
 - APA RATED 15/32" EXT. SHEATHING
 - NAILING REQUIREMENTS SHALL BE:
 - 8d @ 3" O.C. EDGE NAILING AND
 - 8d @ 12" O.C. FIELD NAILING.
- THROUGH BOLT MEMBERS TOGETHER W/ (2) 1/2" @ BOLTS @ 12" O.C., BOLTS SHALL BE STAGGERED.
- ALL STEEL CONNECTION COMPONENTS SHALL BE HOT DIPPED GALV.
- TRUSS PRESS PLATES SHALL BE DOUBLE-HOT DIPPED GALV.

TRUSS BRACING NOTES:

- FINAL TRUSS BRACING SHOULD MEET THE VARIOUS REQUIREMENTS OF THE CONTRACT DOCUMENTS, THE REQUIREMENTS OF THE TRUSS SUBMITTALS, AND THE BRACING DESCRIBED BY THE TRUSS PLATE INSTITUTE (TPI).
- HORIZONTAL BRACING:
 - TOP CHORD: SHEATHING
 - BOTTOM CHORD: 10'-0" O.C. MAX., UNLESS ADDITIONAL BRACING IS REQUIRED BY TRUSS MFR.
 - WEB MEMBERS: CONTINUOUS BRACING ON WEB MEMBERS AS REQUIRED BY TRUSS MFR.
- TEMPORARY BRACING: ALL WEB MEMBER AND BOTTOM CHORD BRACING AND X-BRACING USED FOR ERECTION SHOULD BE LEFT IN PLACE.
- PERMANENT X-BRACING:
 - HORIZONTAL WEB: PROVIDE DIAGONAL BRACE OR SHEATHING AT BRACING 20'-0" INTERVALS.
 - BOTTOM CHORD: PROVIDE DIAGONAL BRACING AT EACH END OF THE BUILDING AS SHOWN AND DIAGONAL BRACING TO THE SIDEWALLS AT 20'-0" INTERVALS.

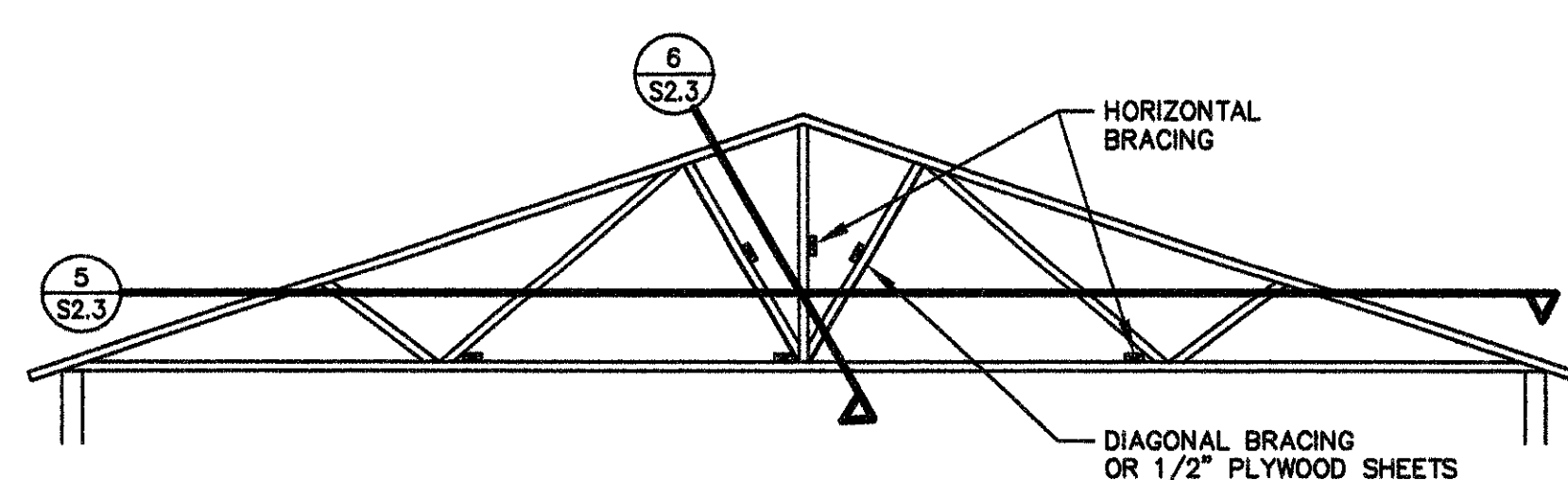
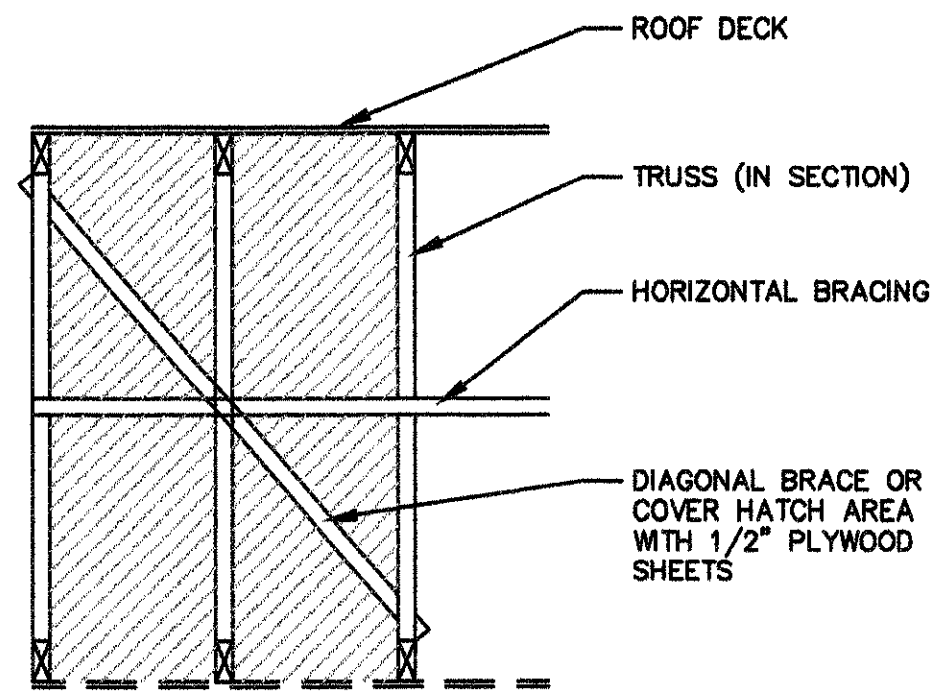
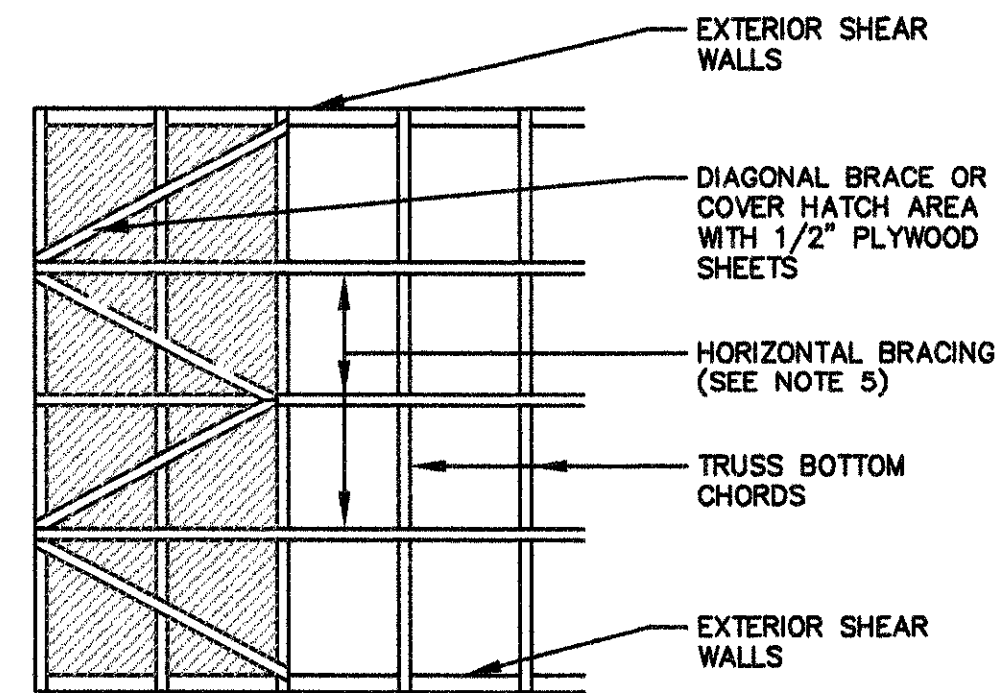
X-BRACING OR DIAGONAL BRACING IS REQUIRED ON THE CONTINUOUS LINES OF HORIZONTAL WEB BRACING PER TRUSS BRACING NOTES OR BOTTOM CHORD BRACING EVERY 20 FEET.
- KICKERS AT THE ENDWALL FRAMING: PROVIDE HORIZONTAL AND DIAGONAL KICKERS AT THE TOP OF THE STUD ENDWALL FRAMING AS NOTED ON DETAIL. LOCATE DIAGONALS ON THE SAME LINE AS VERTICAL TRUSS WEB MEMBERS SO THAT DIAGONAL CAN BE NAILED ALONG THE VERTICAL UP TO THE ROOF PLANE.



4 NOT USED
S2.3 1 1/2" = 1'-0"

3 WALL FRAMING ELEVATION
S2.3 1/2" = 1'-0"

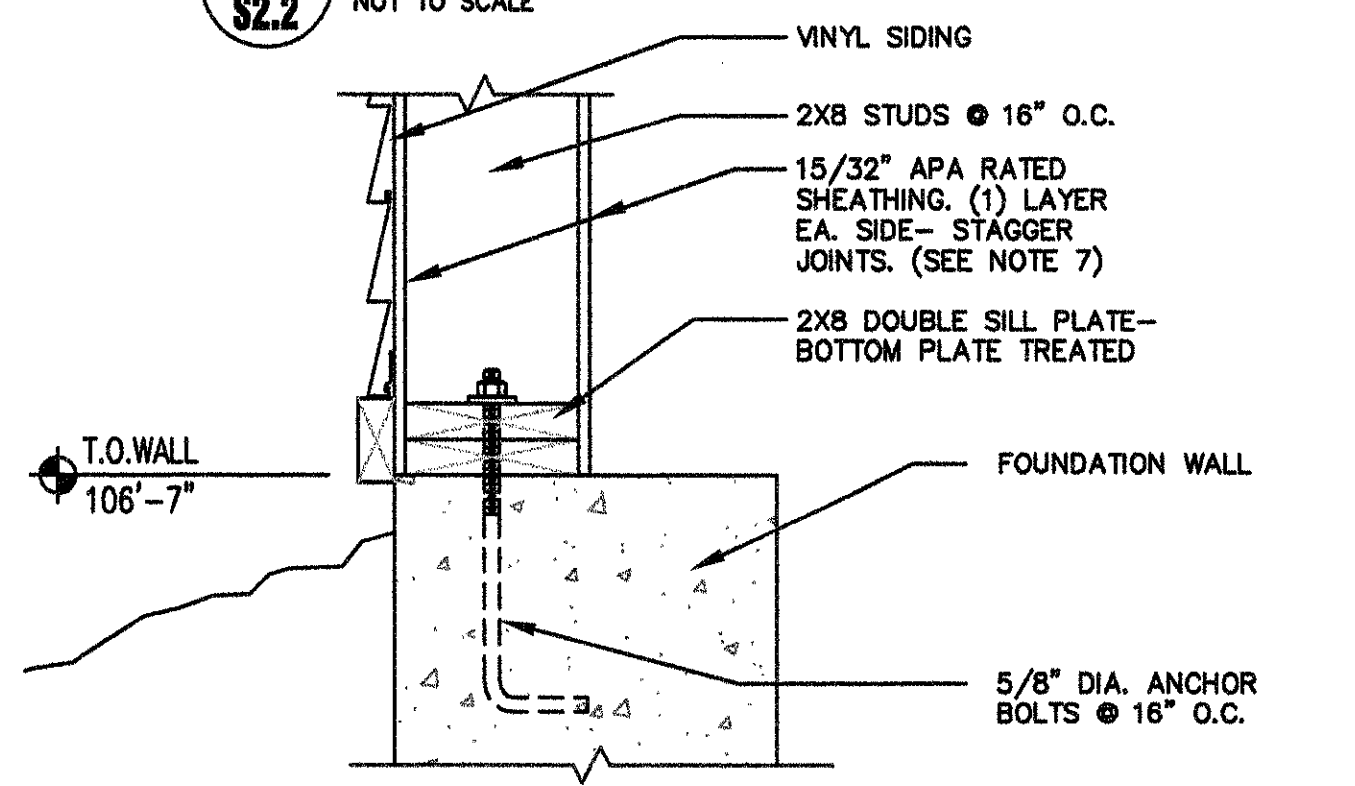
2 TRUSS BRACING DETAIL
S2.2 NOT TO SCALE



5 BOTTOM CHORD BRACING
S2.3 NOT TO SCALE

6 WEB BRACING SECTION
S2.3 NOT TO SCALE

7 WEB BRACING ELEVATION
S2.3 NOT TO SCALE



8 END WALL FRAMING DETAIL
S2.3 1 1/2" = 1'-0"

NOTE: TRUSS SHOWN AS A SCHEMATIC LAYOUT ONLY. SEE A2.1 FOR EXACT TRUSS CONFIGURATION OF TOP AND BOTTOM CHORDS. WEB CONFIGURATION SHALL BE BY TRUSS MFR.

Framing Plan, Details

SALT STORAGE FACILITY
DANE COUNTY HIGHWAY DEPT.
US HWY 151/CTH V
TOWN OF YORK, DANE COUNTY, WI

DEPARTMENT OF PUBLIC WORKS
DANE COUNTY WISCONSIN

Revisions
Approved by: RJN
Drawn by: JRL
Design by: SCR/WTS
Scale: AS NOTED
Date: 10/01/07
Bio No.: 107088

Sheet
S2.3

GENERAL ABBREVIATIONS

Table of general abbreviations including ACT (Acoustic Tile), ADJ (Adjustable), AFF (Above Finish Floor), and others up to LSS (Level Sensor).

PLUMBING ABBREVIATIONS

Table of plumbing abbreviations including BFP (Backflow Preventer), CB (Catch Basin), CI (Cast Iron), and others up to WTR (Water).

HVAC ABBREVIATIONS

Table of HVAC abbreviations including ACC (Access/Air Cooled Condenser), ACV (Automatic Control Valve), AD (Air Drop/Access Door), and others up to FS (Flow Switch).

GENERAL NOTES

- 1. ABBREVIATIONS INDICATED HERE AND NOT USED IN THE CONTRACT DOCUMENTS DO NOT APPLY TO THIS PROJECT. ADDITIONAL ABBREVIATIONS MAY BE INDICATED IN THE CONTRACT DOCUMENTS.
2. THESE DRAWINGS ARE DESIGN DRAWINGS AND ARE DIAGRAMMATIC. THEY MAY NOT SHOW ALL PHYSICAL ARRANGEMENTS, OFFSETS, BENDS OR ELBOWS WHICH MAY BE REQUIRED FOR INSTALLATION OF VARIOUS MATERIALS, EQUIPMENT, PIPING, AND DUCTWORK SYSTEMS...

Revisions table with columns for Design, Drawn, Approved, and Scale. Includes details for Design by SCR and Drawn by JRL.

GENERAL SYMBOLS

Table of general symbols for valves (Automatic Control Valve, Balancing Valve, Ball Valve, etc.), pipe connections (Blind Flange, Reducer), and seismic symbols (Longitudinal/Transverse Braces).

PLUMBING SYMBOLS

Table of plumbing symbols for Sill Cock, Wall Hydrant, Water Hammer Arrestor, Air Vent (Manual), and Air Outlet.

PLUMBING PIPING

Table of plumbing piping symbols for Cold Water, Hot Water, Soft Cold Water, Soft Hot Water, Sanitary Drain/Sewer, Storm Drain/Sewer, Natural Gas, and Vents - Plumbing.

HVAC SYMBOLS

Table of HVAC symbols for Airflow (Supply, Return, Door Grille), Supply or Outdoor Air, Exhaust, Duct Turned Away, Duct Size, Flexible Connection, Duct (Rigid/Round/Flexible), Turning Vanes, Air Extractor, Backdraft Damper, Volume Damper, Fire Damper & Access Door, Motor Operated Damper, Opposed Blade Damper, Parallel Blade Damper, Room Sensor, Static Pressure Sensor, Humidistat, Temperature Sensor, Thermostat, Smoke Detector, Air Outlet/Inlet Type & CFM, Timer Switch, and Thermostat w/ Insulated Sub-Base.

HVAC PIPING

Table of HVAC piping symbols for Condensate Drain, Natural Gas, Pumped Condensate Return, Refrigerant Liquid, and Refrigerant Suction.

FIRE PROTECTION SYMBOLS

Table of fire protection symbols for Fire Hydrant, Fire Department Connection, Upright Fire Sprinkler, Pendant Fire Sprinkler, Sidewall Sprinkler, Dry Pipe Valve, Alarm Check Valve, Flow Switch, Post Indicator Valve, Pair of Flanges, Groove Coupling, Water Motor Gong, Bell, Electric Horn, Heat Detector (Thermal), Smoke Detector, Gas Detector, and Flame Detector.

FIRE RATED PARTITIONS

Table of fire rated partition symbols for 4hr Fire-Separation, 2hr Fire-Separation, and 1hr Fire-Separation.

Abbreviations, Symbols & Notes

DEPARTMENT OF PUBLIC WORKS
DANE COUNTY WISCONSIN

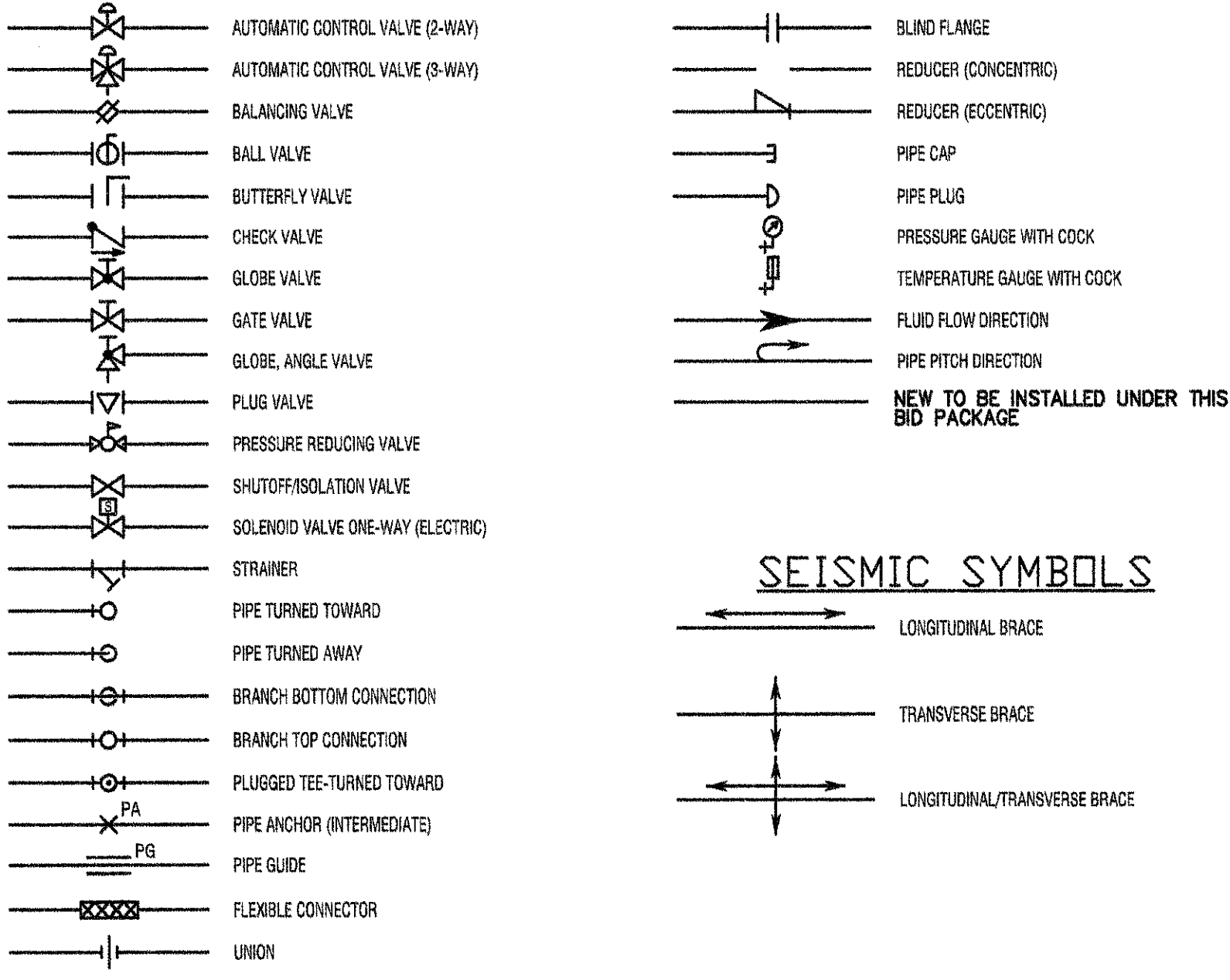
SALT STORAGE FACILITY
DANE COUNTY HIGHWAY DEPT.
US HWY 151/CTH V
TOWN OF YORK, DANE COUNTY, WI

FIXTURE SCHEDULE				
NO.	MANUFACTURER	CATALOG NUMBER	LAMPS	REMARKS
9K	HOLOPHANE BATH	VA-260PM-27W-F1-CDPKL-1-5-3 EL-W5-412ED-P-3FFLLHVL-HPSE	1-25000 LUMEN PULSE START CLEAR	260W METAL HALIDE ACRYLIC LOW-BAY HID HOSE DOWN FIXTURE, 27W FUSED PULSE START BALLAST, 48" METRIC ACRYLIC REFRACTOR, WL LABEL, SAFETY CHAIN AND HOOK BOX.
2B	M CORNWALL-EDISON	C872244-F-CA14 OR APPROVED EQUAL	1-LU100	100W HPS CUT-OFF AREA LIGHT WITH CAST ALUMINUM HOUSING, FUSED 27W HIGH POWER FACTOR BALLAST, AND TYPE IV OPTICS.

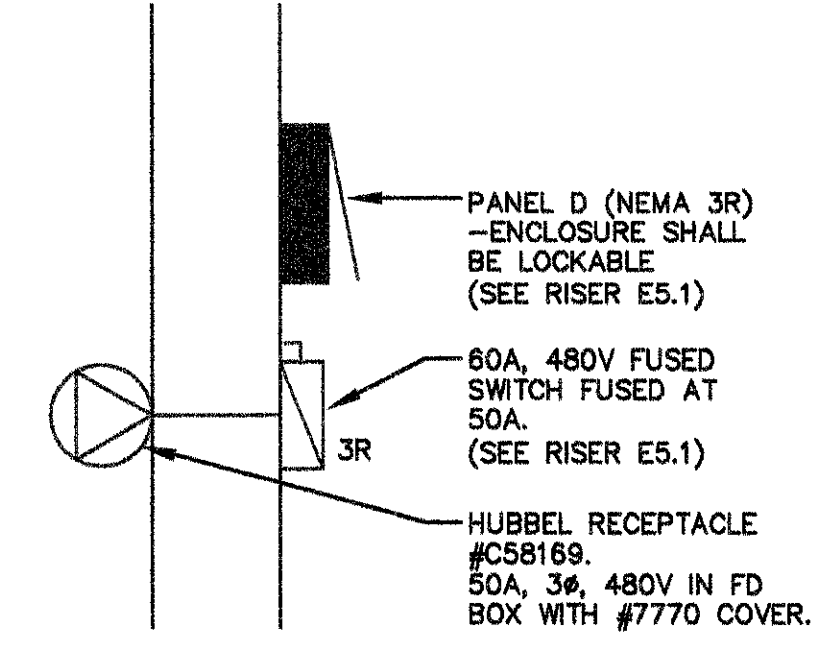
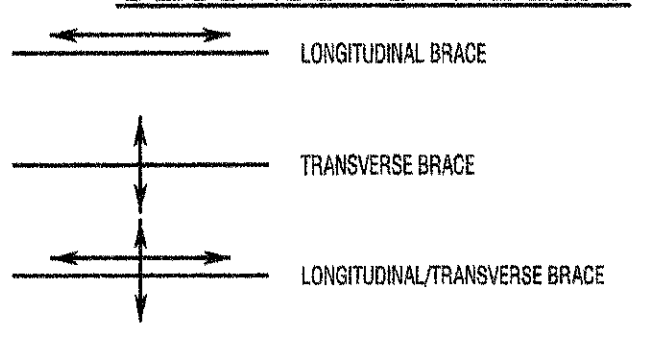
GENERAL ABBREVIATIONS

ACT	ACOUSTIC TILE	MAN	MANUAL
ADJ	ADJUSTABLE	MC	MECHANICAL CONTRACTOR
AFF	ABOVE FINISH FLOOR	MCC	MOTOR CONTROL CENTER
AFG	ABOVE FINISH GRADE	MER	MECHANICAL EQUIPMENT ROOM
AG	ABOVE GROUND	MFR	MANUFACTURER
AL	ALUMINUM	MTD	MOUNTED
ALT	ALTERNATE	NA	NOT APPLICABLE
ASC	ABOVE SUSPENDED CEILING	NC	NORMALLY CLOSED
AST	ABOVE GROUND STORAGE TANK	NIC	NOT IN CONTRACT
AUTO	AUTOMATIC	NO	NORMALLY OPEN
BFC	BELOW FINISHED CEILING	NOM	NOMINAL
BHP	BRAKE HORSE POWER	NPS	NOMINAL PIPE SIZE
BJH	BETWEEN JOIST ABOVE	NPT	NATIONAL PIPE THREAD
BLDG	BUILDING	NTS	NOT TO SCALE
BOB	BOTTOM OF BEAM	OC	ON CENTER
BOD	BOTTOM OF DUCT	OD	OUTSIDE DIAMETER
BOJ	BOTTOM OF JOIST	OFI	OWNER FURNISHED, CONTRACTOR INSTALLED
BOF	BOTTOM OF PIPE	OFI	OWNER FURNISHED, OWNER INSTALLED
BOS	BOTTOM OF STEEL	OFI	OWNER FURNISHED, CONTRACTOR INSTALLED
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	PC	PLUMBING CONTRACTOR
CFH	CUBIC FEET PER HOUR	PCF	POUNDS PER CUBIC FOOT
CFM	CUBIC FEET PER MINUTE	PD	PRESSURE DROP
CL	CENTERLINE	PH	PHASE
CLB	CEILING	POC	POINT OF CONNECTION
COVB	COMBUSTION	PPH	POUNDS PER HOUR
CONTR	CONTRACTOR	PPS	POUND PER SQUARE FOOT
CTB	CLOSE TO BEAM	PSI	POUND PER SQUARE INCH
CTC	CLOSE TO COLUMN	PSIA	POUND PER SQUARE INCH-ABSOLUTE
CTJ	CLOSE TO JOIST	PSID	POUNDS PER SQUARE INCH-DIFFERENTIAL
CTW	CLOSE TO WALL	PSIG	POUNDS PER SQUARE INCH-GAUGE
DIA	DIAMETER	REL	RELOCATED
DIM	DIMENSION	REQD	REQUIRED
DN	DOWN	RPM	REVOLUTIONS PER MINUTE
DRWG	DRAWING	RTD	RESISTIVE THERMAL DEVICE
EC	ELECTRICAL CONTRACTOR	SCHD	SCHEDULE
EFF	EFFICIENCY	SECT	SECTION
EL	ELEVATION	SHT	SHEET
ETR	EXISTING TO REMAIN	SM	SIMILAR
FC	FLEXIBLE CONNECTION	SP	STATIC PRESSURE
FFA	FROM FLOOR ABOVE	SPEC	SPECIFICATION
FFB	FROM FLOOR BELOW	SQ	SQUARE
FLA	FULL LOAD AMPERES	SS	STAINLESS STEEL
FLEX	FLEXIBLE	STD	STANDARD
FLR	FLOOR	STL	STEEL
FP	PIPE PROTECTION	SW	SWITCH
PPM	FEET PER MINUTE	TEMP	TEMPERATURE
FPS	FEET PER SECOND	TFA	TO FLOOR ABOVE
FT	FEET	TFB	TO FLOOR BELOW
GA	GAUGE	TJA	THRU JOISTS ABOVE
GAL	GALLON	TK	THICK
GALV	GALVANIZED	TOB	TOP OF BEAM
GC	GENERAL CONTRACTOR	TOD	TOP OF DUCT
GFCI	GOVERNMENT FURNISHED, CONTRACTOR INSTALLED	TOP	TOP OF PIPE ELEVATION
GPD	GALLONS PER DAY	TOS	TOP OF STEEL
GPH	GALLONS PER HOUR	TSP	TOTAL STATIC PRESSURE
GPM	GALLONS PER MINUTE	TYP	TYPICAL
HD	HEAD (FEET)	UPS	UNINTERRUPTIBLE POWER SUPPLY
HP	HORSEPOWER	UST	UNDERGROUND STORAGE TANK
ID	INSIDE DIAMETER	UV	ULTRA VIOLET
IN	INCH	V	VOLTS
INV	INVERT	VOL	VOLUME
IWS	IN WALL SPACE	VP	VELOCITY PRESSURE
KW	KILOWATT	VTR	VENT THRU ROOF
KWH	KILOWATT HOURS	VTW	VENT THRU WALL
LBS	POUNDS	WG	WATER GAUGE
LS	LEVEL SWITCH	WP	WEATHER PROOF
LSS	LEVEL SENSOR	WTR	WATER

GENERAL SYMBOLS



SEISMIC SYMBOLS

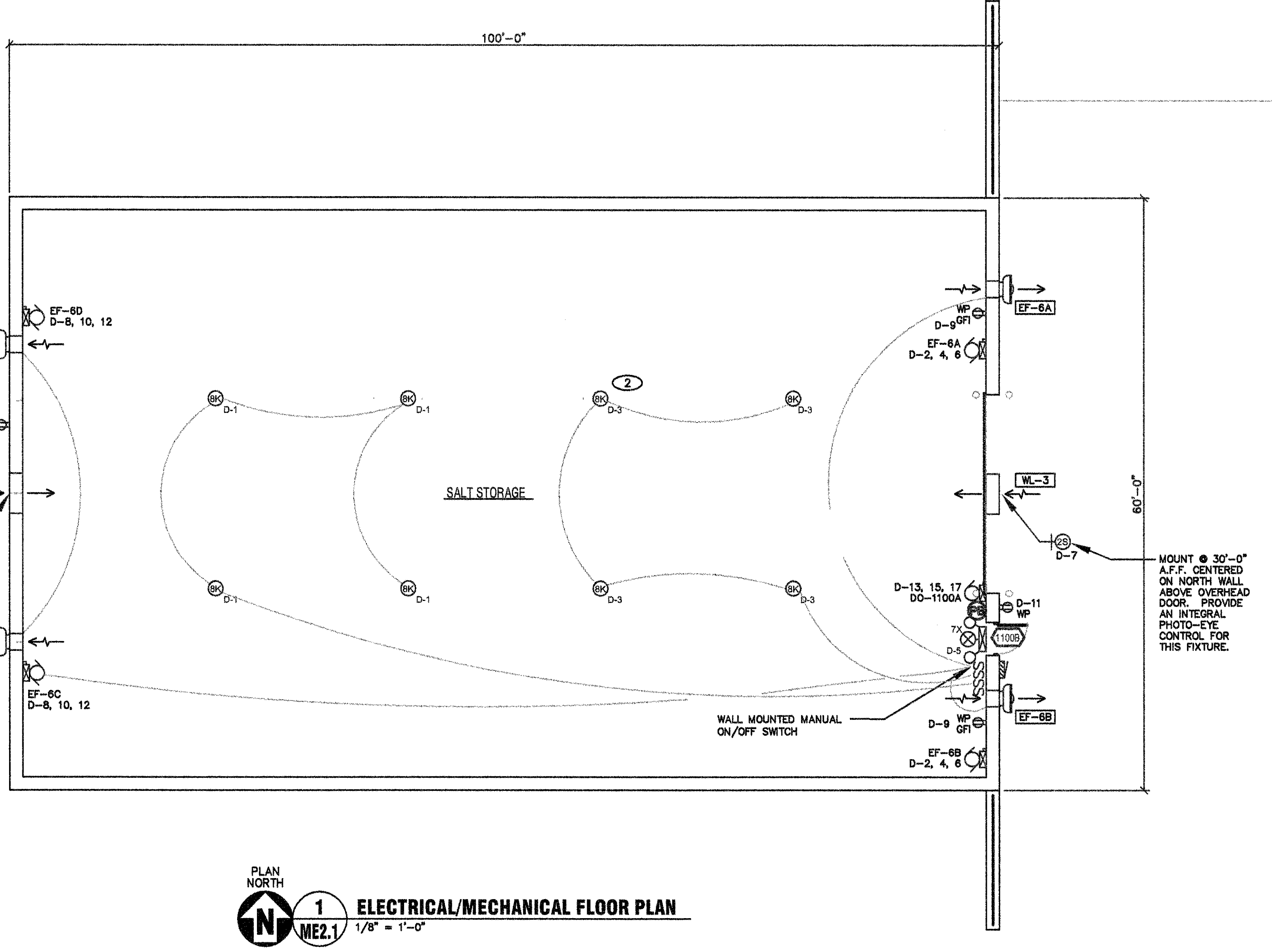


2 ELECTRICAL DETAIL
ME2.1 1/2" = 1'-0"

HVAC NOTES:
1. SEE EXHAUST FAN SCHEDULE AND AIR INLETS AND OUTLETS SCHEDULE AND MOUNTING HEIGHTS.

ELECTRICAL NOTES:
1. SEE RISER DIAGRAM AND PANEL SCHEDULES

KEYED NOTES
1 MOUNT FIXTURES TYPE BK TIGHT TO CEILING TO MAINTAIN MAXIMUM CLEAR HEIGHT.



1 ELECTRICAL/MECHANICAL FLOOR PLAN
ME2.1 1/8" = 1'-0"

GENERAL NOTES

- ABBREVIATIONS INDICATED HERE AND NOT USED IN THE CONTRACT DOCUMENTS DO NOT APPLY TO THIS PROJECT. ADDITIONAL ABBREVIATIONS MAY BE INDICATED IN THE CONTRACT DOCUMENTS.
- THESE DRAWINGS ARE DESIGN DRAWINGS AND ARE DIAGRAMMATIC. THEY MAY NOT SHOW ALL PHYSICAL ARRANGEMENTS, OFFSETS, BENDS, OR ELBOWS WHICH MAY BE REQUIRED FOR INSTALLATION OF VARIOUS MATERIALS, EQUIPMENT, PIPING, AND DUCTWORK SYSTEMS IN ALLOTTED SPACES. THE CONTRACTOR SHALL EXAMINE THESE AND OTHER AVAILABLE DRAWINGS TO DETERMINE SPACE LIMITATIONS AND INTERFERENCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ANY MINOR CHANGES IN LOCATIONS OF EQUIPMENT, PIPING, AND DUCTWORK FROM THAT SHOWN ON DRAWINGS AND FOR ALL PHYSICAL DETAILS REQUIRED FOR INSTALLATION. COST FOR ADAPTING CONTRACTORS WORK TO JOBSITE CONDITIONS SHALL NOT BE CONSIDERED AS BASIS OF AN EXTRA COST TO CONTRACT. ARCHITECT/ENGINEER AND OWNER SHALL BE CONSULTED BEFORE PROCEEDING WITH ANY CHANGE.
- ELEVATION OF PIPING AND DUCTWORK INDICATED ON THESE DRAWINGS ARE TO BE USED AS GUIDELINES TO ASSIST CONTRACTOR WITH INSTALLATIONS. MINOR CHANGES TO THESE ELEVATIONS MAY BE NECESSARY TO ELIMINATE UNOBSERVED INTERFERENCES. ARCHITECT/ENGINEER AND OWNER SHALL BE CONSULTED BEFORE PROCEEDING WITH ANY CHANGES IN ELEVATIONS.
- ANY AND ALL INFORMATION SHOWN ON THESE DRAWINGS WITH RESPECT TO EXISTING STRUCTURES, UTILITIES, AND MECHANICAL SYSTEMS, IS AS EXACT AS COULD BE SECURED. ENGINEER DOES NOT WARRANT NOR GUARANTEE THEIR ACCURACY. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THEIR PORTION OF THE WORK.
- ALL SHOP DRAWINGS FOR MATERIALS AND EQUIPMENT AS INDICATED IN CONTRACT DOCUMENTS SHALL BE SUBMITTED WITHIN THIRTY (30) DAYS AFTER AWARD OF CONTRACT. SEE SPECIFICATION SECTION 15050 FOR SUBMITTAL REQUIREMENTS.
- ACCURATE AND LEGIBLE RECORD (AS-BUILT) DRAWINGS SHALL BE MAINTAINED AT THE JOB SITE AND BE SUBMITTED PRIOR TO FINAL PAYMENT. SEE SPECIFICATION SECTION 15090.
- SEQUENCE OF WORK AND/OR PLACE OF COMMENCEMENT OF WORK SHALL BE APPROVED BY THE OWNER PRIOR TO WORK BEING STARTED. SCHEDULED SHUTDOWNS SHALL BE CLOSELY COORDINATED WITH THE OWNER'S OPERATIONS.
- ALL NEW AND EXISTING ROOFING SYSTEMS SHALL BE FULLY PROTECTED DURING CONSTRUCTION ACTIVITIES. SEE SPECIFICATION SECTION 15090.
- TEMPORARILY PATCH ALL ROOF OPENINGS UNTIL FINAL CLOSURE CAN BE MADE BY GENERAL CONTRACTOR. SUGGESTED METHOD FOR TEMPORARY PATCH: MINIMUM 8 MIL PLASTIC EXTENDING MINIMUM 12 INCHES BEYOND ALL SIDES OF OPENING AND TAPED TO ROOF AROUND ENTIRE PERIMETER WATERTIGHT. ON OPENINGS LARGER THAN 8 INCHES IN DIAMETER PROVIDE WOOD CAP OVER PLASTIC WITH BALLAST (i.e. SMA) AND YELLOW CAUTION TAPE.
- ALL PENETRATIONS (OPENINGS) SMALLER THAN 18" IN DIAMETER OR 16" IN ANY DIRECTION FOR PIPING, DUCTWORK AND ACCESSORIES PASSING THROUGH WALLS, FLOORS AND ROOFS SHALL BE PROVIDED BY INSTALLING CONTRACTOR. ANY LARGER PENETRATIONS (OPENINGS) SHALL BE FURNISHED BY THE GENERAL CONTRACTOR. SEE SPECIFICATION SECTION 15090.
- SEE GENERAL NOTES ON T.1

Mechanical/Electrical Plan, Tables, Notes

Revisions
Approved By: R/JN
Drawn By: JRL
Design By: SCR
Date: 10/01/07
Scale: AS NOTED
Job No: 107088

DEPARTMENT OF PUBLIC WORKS
DANE COUNTY WISCONSIN

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