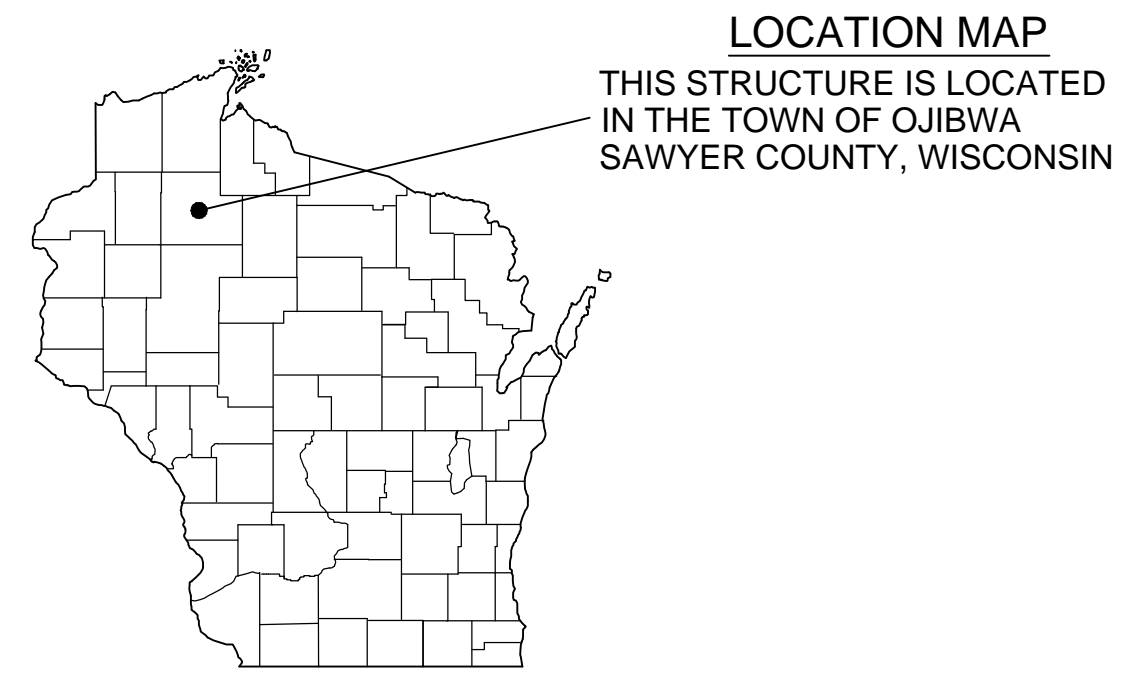
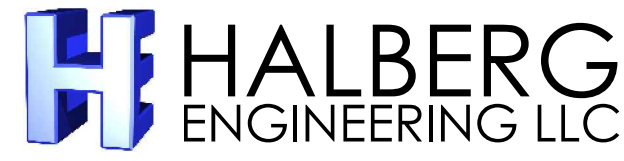


NEW BUILDING FOR: SAWYER COUNTY AMBULANCE

TOWN OF OJIBWA, WISCONSIN



DESIGN PROFESSIONAL:



HALBERG ENGINEERING LLC
10335 N DUFFY ROAD
HAYWARD, WI 54843

ATTN: AARON HALBERG, PE
EMAIL: aaron@halbergengineering.com

DESIGN LOADS	
ROOF LOAD	GROUND SNOW LOAD (Pg) = 60 PSF SNOW EXPOSURE FACTOR (Ce) = 1.0 SNOW LOAD IMPORTANCE FACTOR (Is) = 1.2 ROOF THERMAL FACTOR (Ct) = 1.1 FLAT ROOF SNOW LOAD = 55.4 PSF SLOPED ROOF / FLAT ROOF FACTOR (Ps) = 1.00 BALANCED SNOW LOAD = 55.4 PSF UNBALANCED SNOW LOAD = 0 / 67.5 PSF (WINDWARD / LEEWARD)
WIND LOAD	90 MPH WIND, WIND EXPOSURE 'C' WIND IMPORTANCE FACTOR (I) = 1.15 BUILDING ENCLOSURE TYPE -- ENCLOSED INTERNAL PRESSURE COEFFICIENT = +/- 0.18 COMPONENT & CLADDING DESIGN PRESSURE = +21.5, -23.4 PSF (FOR PORTIONS OF STRUCTURE NOT SPECIFIED BY DESIGN PROFESSIONAL)
SEISMIC LOAD	SEISMIC IMPORTANCE FACTOR (I _e) = 1.5 SITE CLASS = "D" SEISMIC DESIGN CATEGORY = "A" SPECTRAL RESPONSE COEFFICIENTS: S _{ds} = 5.9% S _{d1} = 3.0%
SOILS INFO.	CLASS OF SOIL MATERIAL: 4 FIRM ALLOWABLE SOIL PRESSURE: 2000 PSF *SHALLOW POST FOUNDATION PRESSURES ACCORDING TO ANSIA/AE EP486.1 OCT00

GENERAL BUILDING SPECIFICATIONS

ALL WORK GOVERNED BY STATE AND LOCAL CODES, ORDINANCES, AND REGULATIONS WHEREVER THEY MAY APPLY. DESIGNER'S LIABILITY TO THE PREPARATION OF THE DRAWINGS, WITH THE PARAMETERS CONTRACTED, AND ASCERTAINING CODE COMPLIANCE.

BUILDING OCCUPANCY: NON-SEPARATED, MIXED USE BUILDING (IBC 508.3) S-2 LOW HAZARD STORAGE, B BUSINESS, AND R-2 RESIDENTIAL (FOR SLEEPING ROOMS). SPRINKLER NOT REQUIRED PER WISCONSIN STATUTES 101.14 (4M) EXCEPTION (G) (WOOD FRAME UNPROTECTED CONSTRUCTION WITH AREA LESS THAN 4,800 S.F.)

BUILDING ADDRESS: 4395 N HIGHWAY 27
TOWN OF OJIBWA
SAWYER COUNTY, WISCONSIN

NOTE: ELECTRONICALLY APPROVED BUILDING PLAN SETS WITH BOTH THE ENGINEER'S AND DSPS PLAN REVIEWER'S STAMPS AND SIGNATURES ARE THE OFFICIAL STATE DOCUMENTS

SHEET INDEX

SHEET NO.	DATE	CONTENTS
SHEET 1 OF 3	12/6/17	- SITE LAYOUT - GENERAL BUILDING SPECIFICATIONS
SHEET 2 OF 3	12/6/17	- FLOOR PLAN - BUILDING ELEVATIONS - MANEUVERING AND RESTROOM DETAILS
SHEET 3 OF 3	12/6/17	- BUILDING SECTIONS - CONSTRUCTION DETAILS

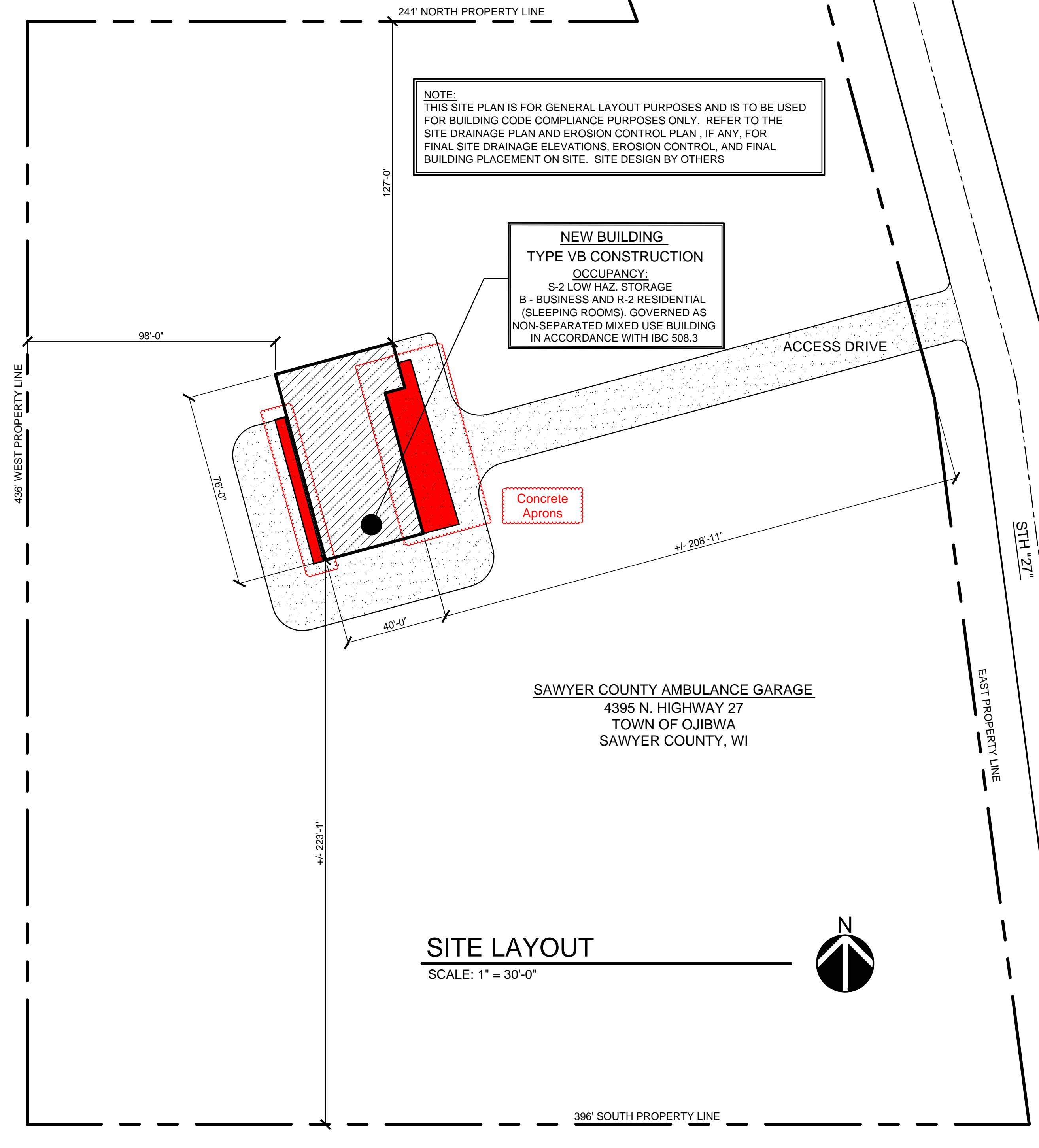
PROJECT: NEW AMBULANCE SHOP AND LIVING QUARTERS
 OWNER: SAWYER COUNTY AMBULANCE GARAGE

APPROVED PLANS
 BY: BUILDING OWNER
 DATE: _____
 BY: PROJECT MANAGER
 DATE: _____
 BY: A/J/T
 DATE: _____

REVISIONS
 DESCRIPTION
 DATE
 7/17/17 PRELIMINARY DRAWINGS ISSUED
 10/16/17 PRELIMINARY DRAWINGS ISSUED
 10/26/17 PRELIMINARY DRAWINGS ISSUED
 10/30/17 ISSUED FOR STATE PLAN APPROVAL
 12/6/17 REVISED WITHOUT FIREWALL

DRAWN BY: BVL
 DATE DRAWN: 11/16/17
 PROJECT MANAGER: PH
 JOB NUMBER: 17A70

ENGINEERING DESIGN & ANALYSIS BY:
HALBERG ENGINEERING LLC
 Specialists in Post Frame Engineering
 www.halbergengineering.com
 aaron@halbergengineering.com



GENERAL REQUIREMENTS
NOTES & DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES. IF THERE IS UNCERTAINTY ABOUT THE INTENT OF THE DRAWINGS OR IF A MISTAKE IS SUSPECTED, CONTACT THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
ALL MATERIAL SHALL BE FURNISHED AS SHOWN HEREIN UNLESS THE OWNER OR ENGINEER APPROVES EQUAL ALTERNATIVES.
NO CHANGES ARE TO BE MADE TO THESE PLANS WITHOUT THE KNOWLEDGE AND WRITTEN CONSENT OF THE ENGINEER.

THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, INCLUDING, BUT NOT LIMITED TO BRACING AND SHORING. OBSERVATION VISITS TO THE SITE BY THE ENGINEER AND/OR THE ENGINEER'S REPRESENTATIVE(S) SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE CONSTRUCTION PROCEDURES.

EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKING THEM FOR ACCURACY. THE CONTRACTOR MUST CHECK ALL STRUCTURAL DETAILS AND DIMENSIONS, AND BE RESPONSIBLE FOR THE SAME.

THIS DRAWING AND ITS COPIES ARE THE COPYRIGHT OF THE DESIGN PROFESSIONAL, AND MAY NOT BE USED FOR PROJECTS OTHER THAN THE DESIGNATED PROJECT WITHOUT THE SPECIFIC WRITTEN CONSENT OF HALBERG ENGINEERING, LLC

PROVIDE FIRE EXTINGUISHERS PER IFC 906. FIRE EXTINGUISHERS SHALL BE SELECTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH IFC 906 AND NFPA 10.

HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE HARDWARE SHALL BE PLACED AT LEAST 34 INCHES, BUT NOT MORE THAN 48 INCHES ABOVE THE FLOOR SURFACE.

ATTIC ACCESS:
PROVIDE EACH ATTIC SPACE (IF APPLICABLE) OF 30 INCHES OR GREATER IN HEIGHT WITH A 20 INCH BY 30 INCH ACCESS OPENING. THERE SHALL BE A MINIMUM OF 30 INCH CLEAR HEADROOM AT OR ABOVE THE ACCESS OPENING. ALTERNATIVELY, PROVIDE BETWEEN ATTIC SPACES, SELF-CLOSING, AUTOMATIC LATCHING ACCESS PANELS CONSTRUCTED OF DRAFTSTOPPING MATERIALS PER S.716.3.1

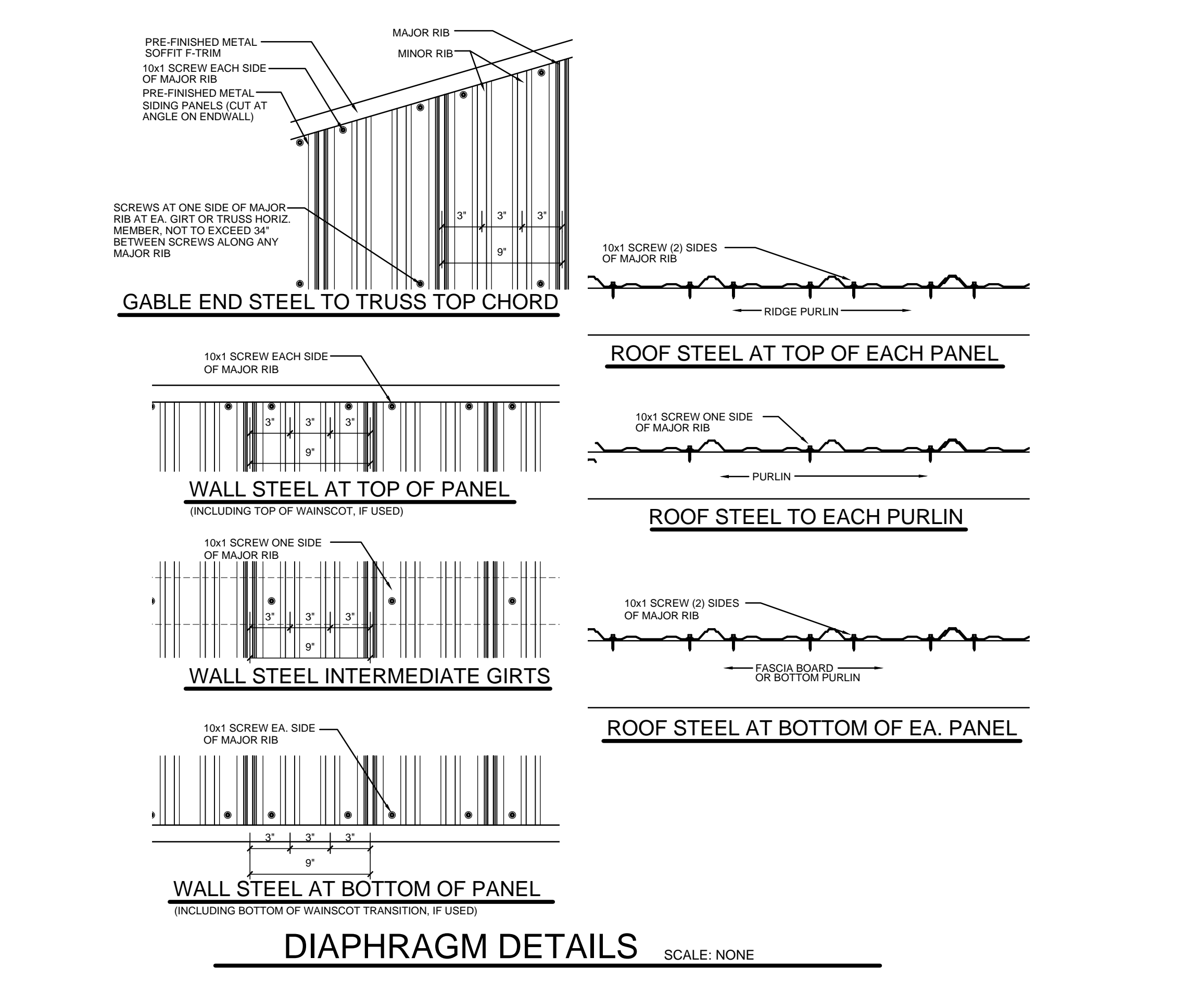
DOORS
THERE SHALL BE A FLOOR OR LANDING PROVIDED ON EACH SIDE OF DOOR SUCH FLOOR OR LANDING TO BE AT THE SAME ELEVATION ON EACH SIDE OF DOOR

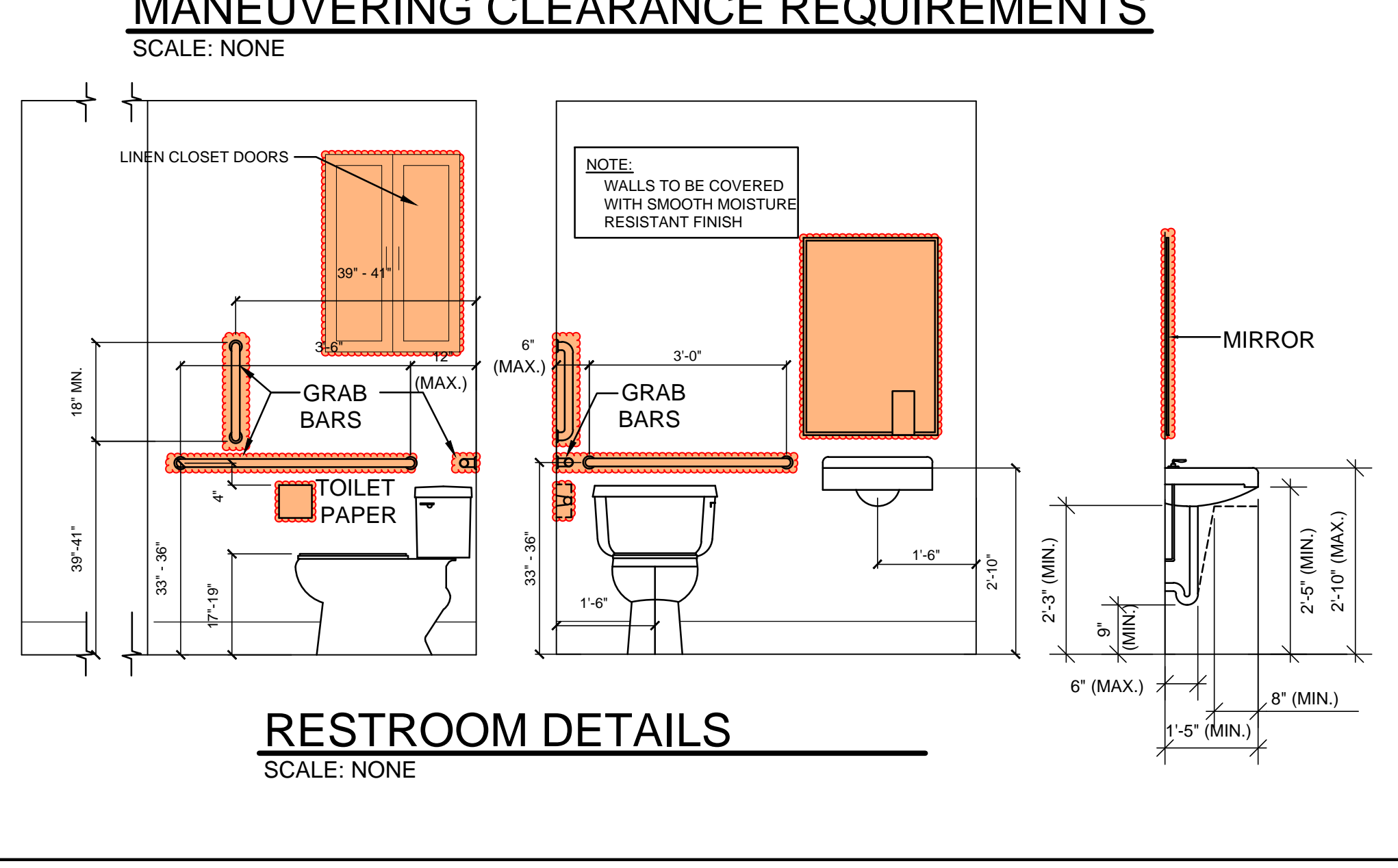
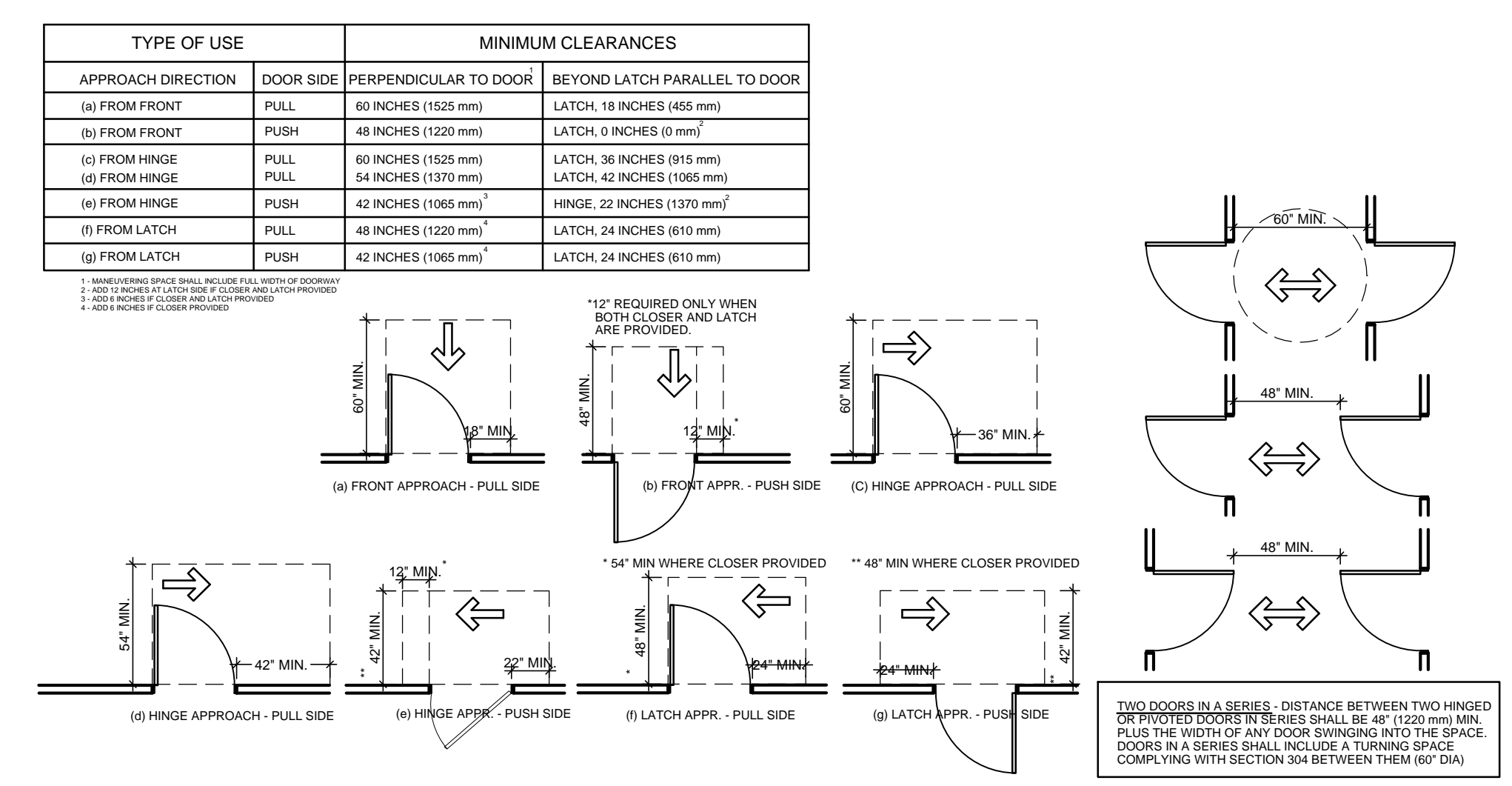
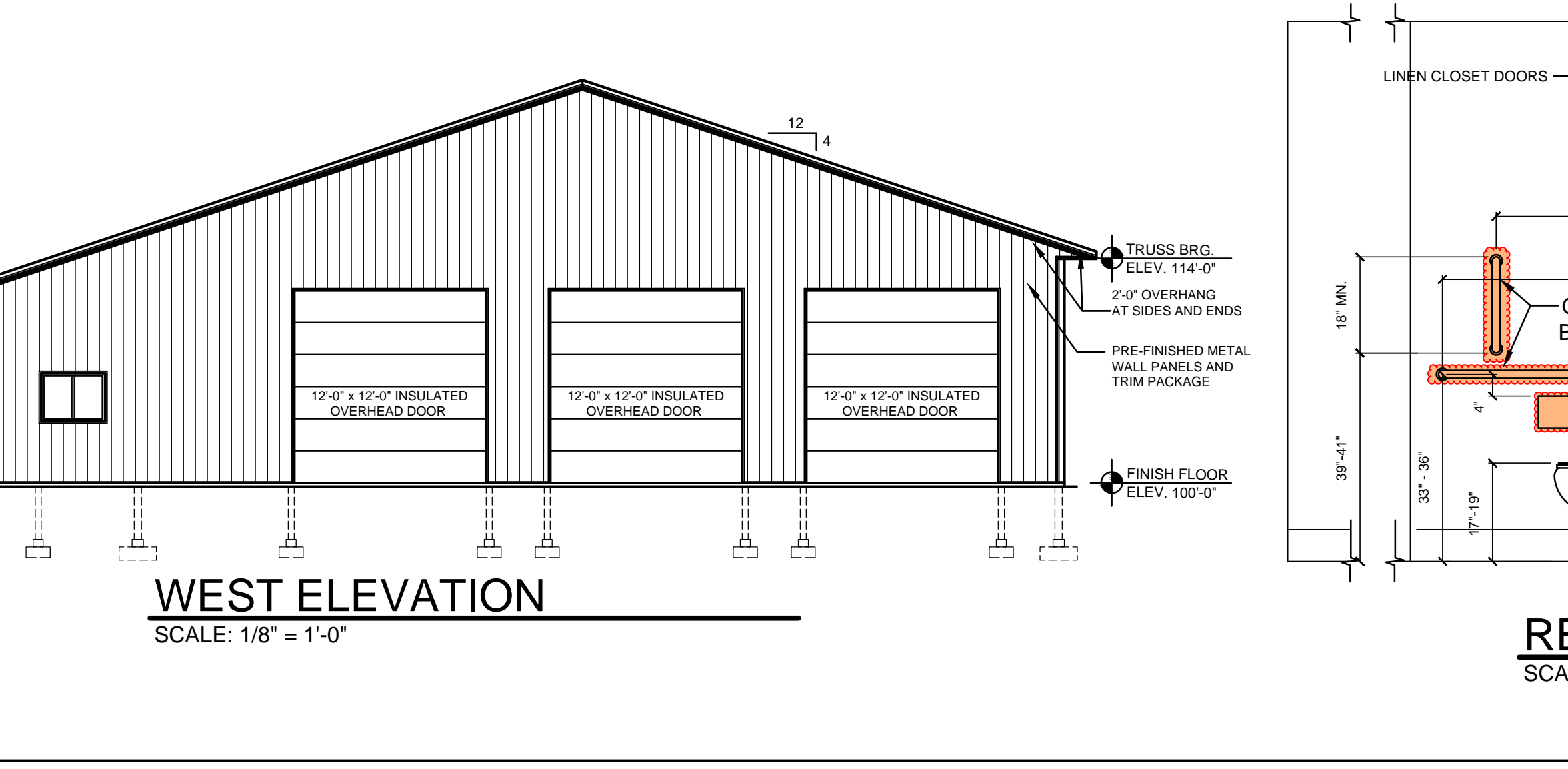
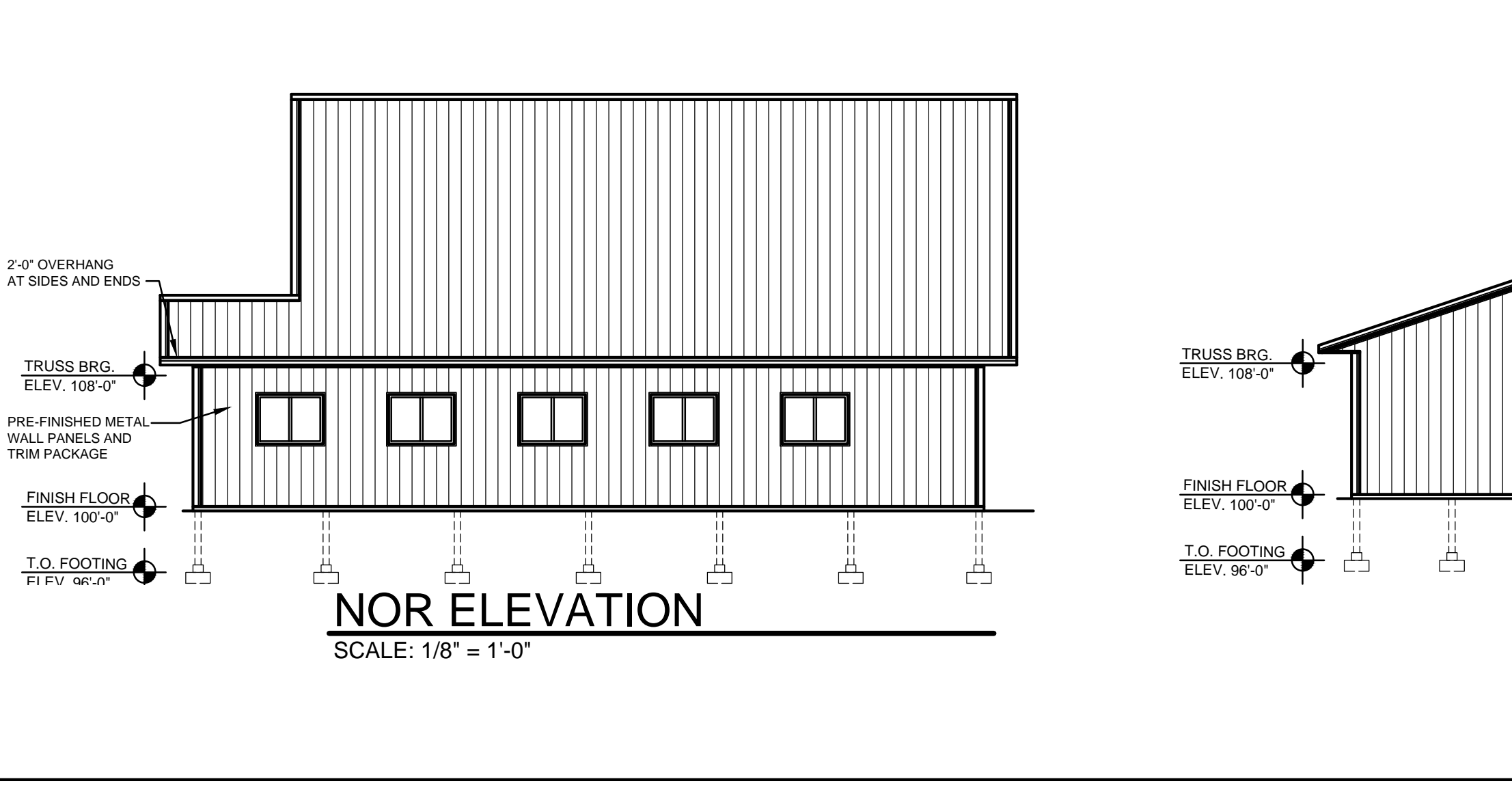
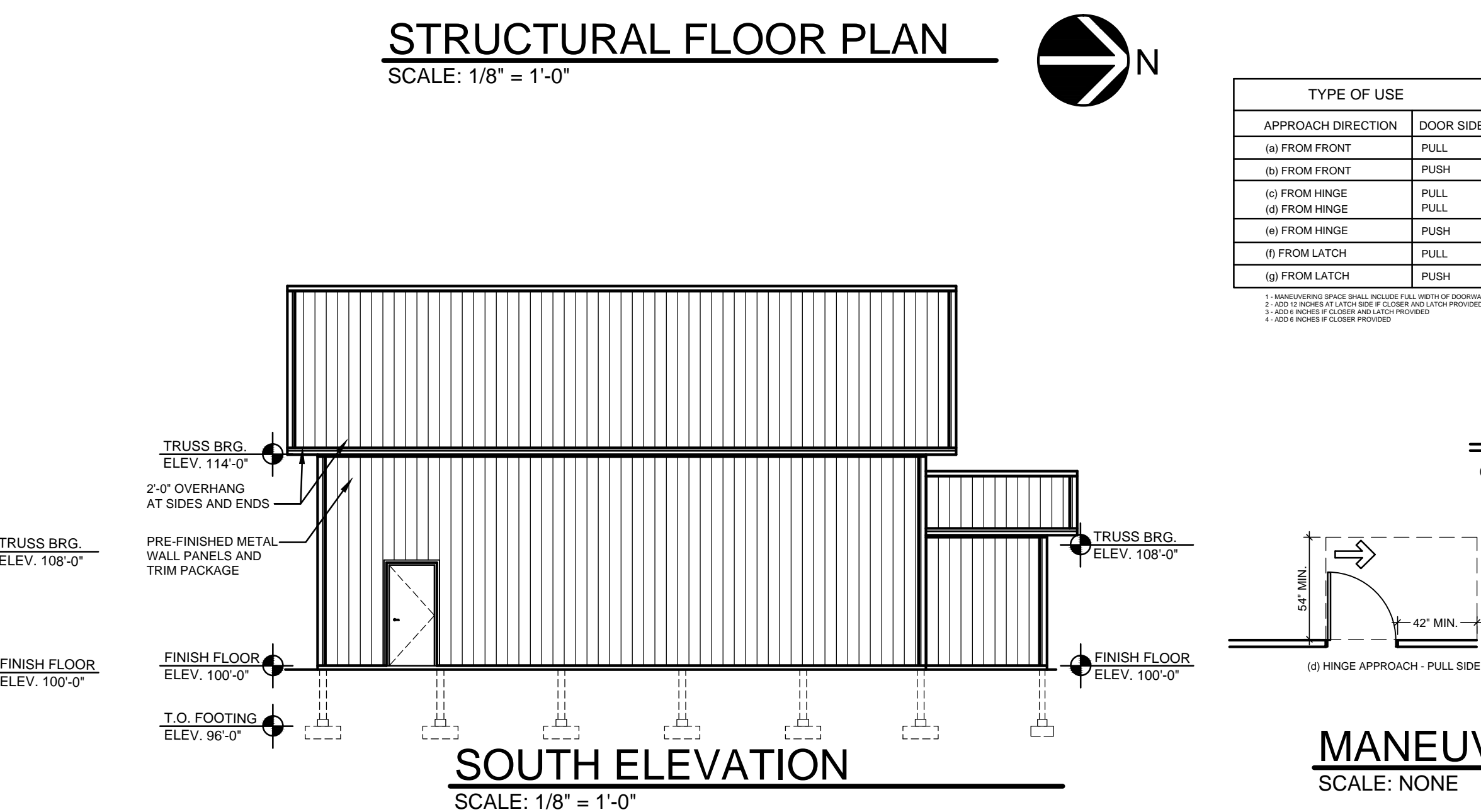
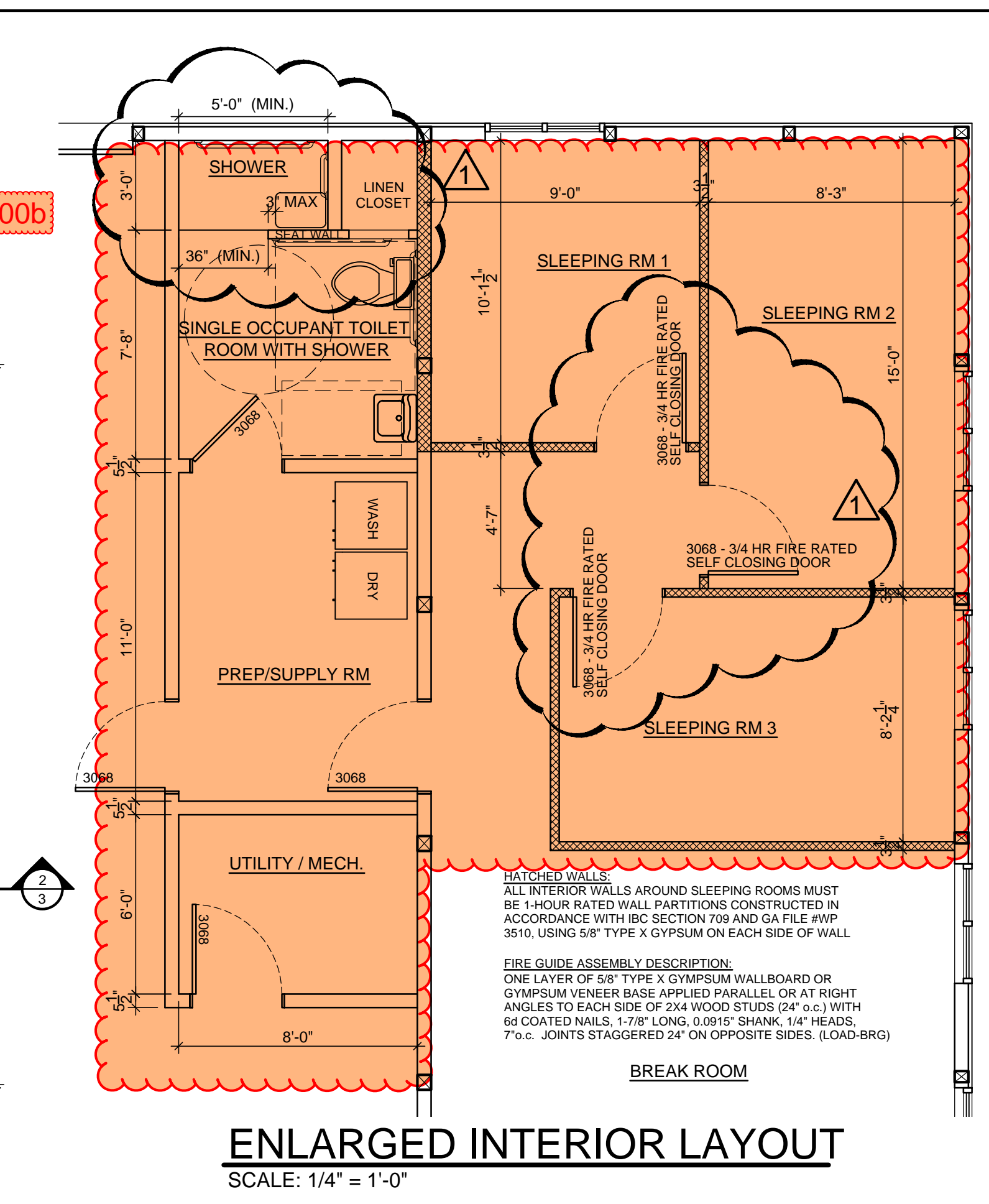
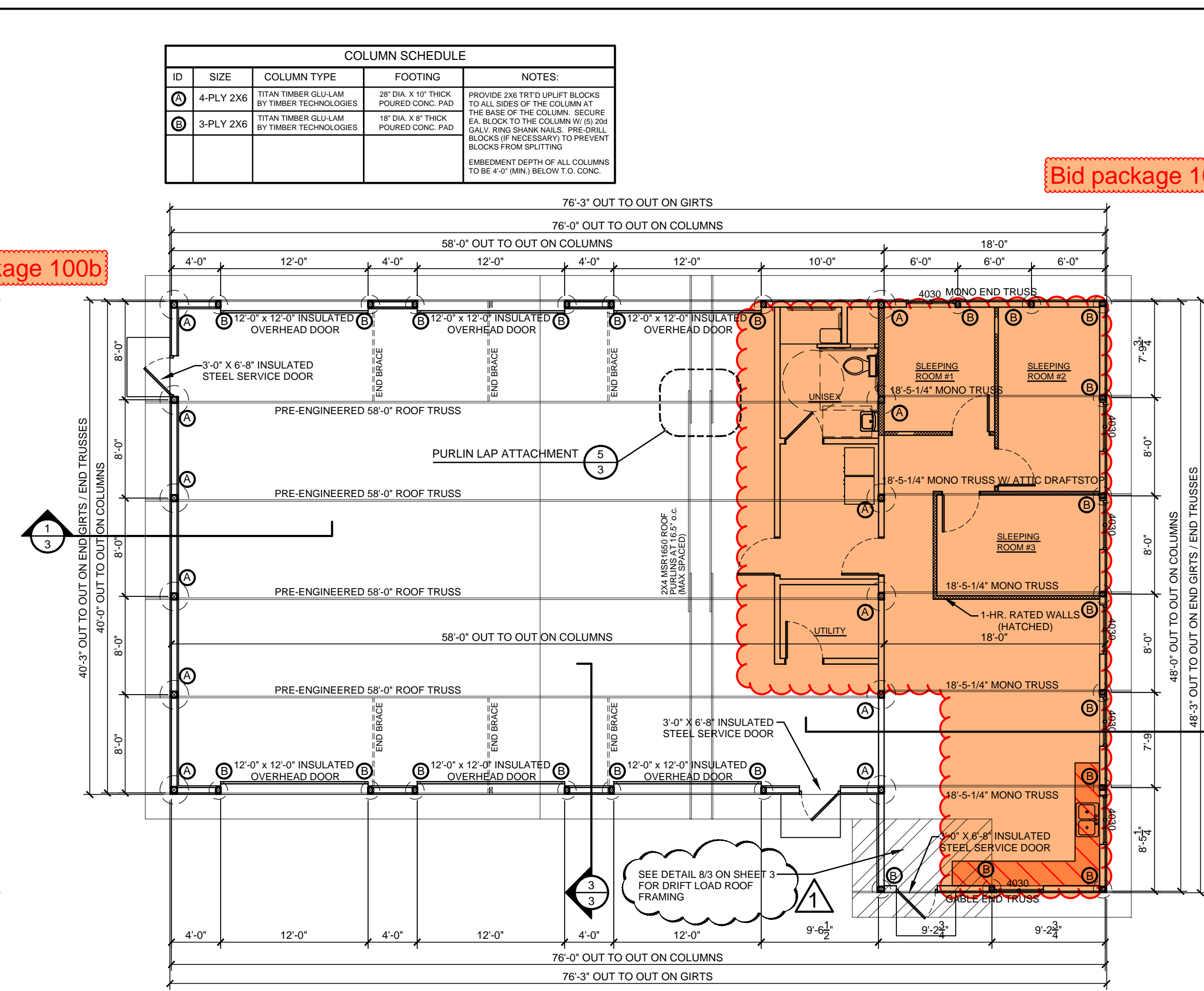
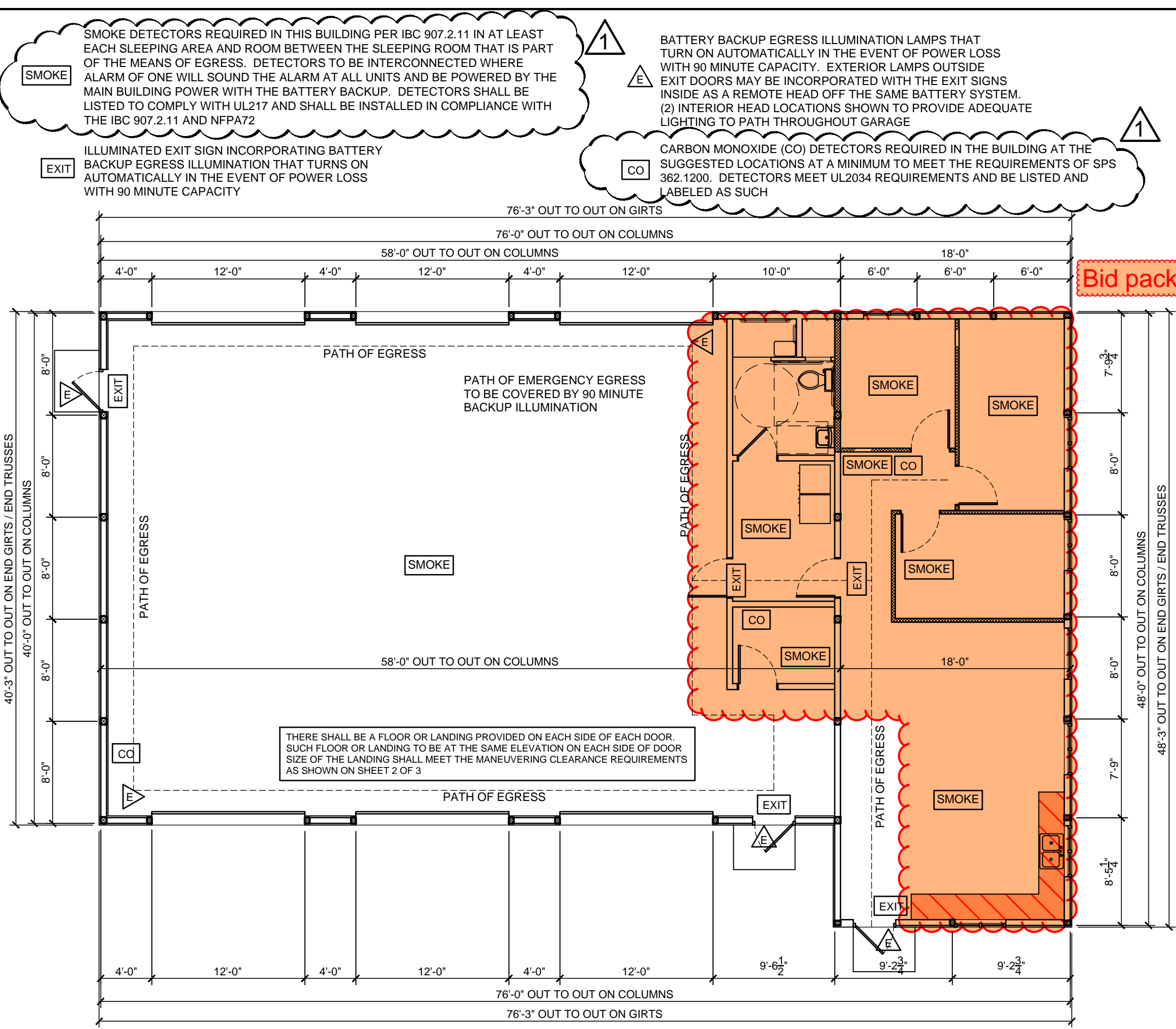
HARDWARE REQUIREMENTS:
-ALL LOCKSETS SHALL BE LEVER TYPE AS REQUIRED TO MEET REQUIREMENTS OF A.D.A.
-ALL OTHER HARDWARE SHALL CONFORM TO THE REQUIREMENTS OF A.D.A.
-ALL EXIT DOORS SHALL BE EQUIPPED WITH LEVER TYPE OR PANIC TYPE EXIT HARDWARE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A LATCH, KEY, OR BOLT
-CONTRACTOR TO COORDINATE KEYING SCHEDULE WITH OWNER

HVAC:
HVAC CONTRACTOR TO ENSURE THAT HVAC PLANS AND CALCULATIONS (BY OTHERS) WITH APPROPRIATE FEES ARE SUBMITTED FOR APPROVAL TO THE SAME SAFETY AND BUILDINGS OFFICE WHICH THESE BUILDING PLANS WERE REVIEWED (SEE APPROVAL LETTER ATTACHED TO OFFICIAL PLAN SETS)
THESE HVAC PLANS TO MATCH THE BUILDING PLANS DESIGN OR THE BUILDING PLANS MUST BE REVISED TO MATCH THE HVAC PLANS

PLUMBING:
PLUMBING PLANS TO BE SUBMITTED BY PLUMBING CONTRACTOR AT TIME OF SUBMITTAL

**A COPY OF THE STATE APPROVED PLANS AND APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT, WHICH MAY INCLUDE LOCAL INSPECTORS. ALL PERMITS REQUIRED BY THE STATE OR LOCAL MUNICIPALITY SHALL BE OBTAINED PRIOR TO COMMENCEMENT OF CONSTRUCTION / INSTALLATION / OPERATION.





ENGINEERING DESIGN & ANALYSIS BY: **HALBERG ENGINEERING LLC**
Specialists in Post Frame Engineering
www.halbergengineering.com
aaron@halbergengineering.com

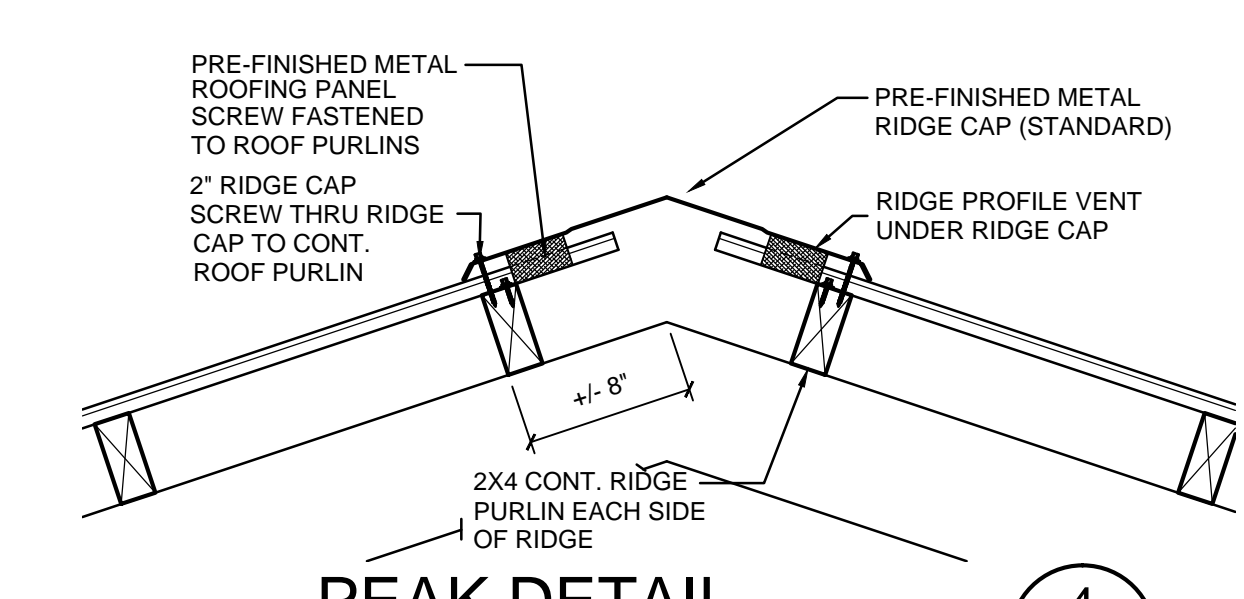
PROJECT: **NEW AMBULANCE SHOP AND LIVING QUARTERS SAWYER COUNTY AMBULANCE GARAGE**

OWNER: **SAWYER COUNTY**

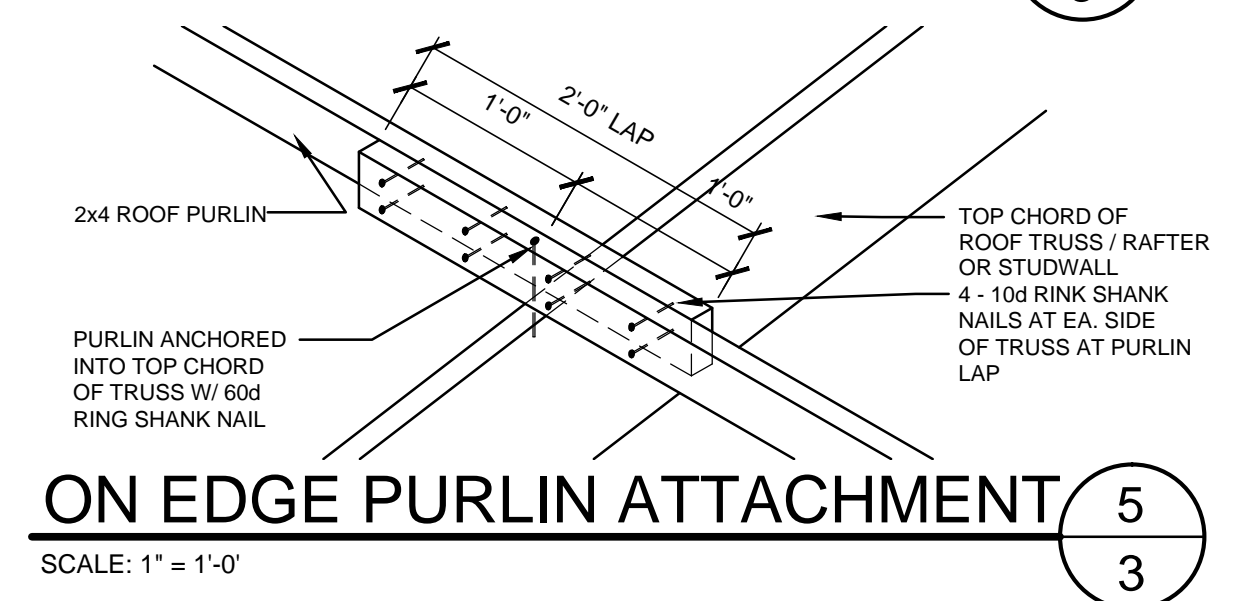
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7/17/17	PRELIMINARY DRAWINGS ISSUED	BVL			
10/16/17	PRELIMINARY DRAWINGS ISSUED	BVL			
10/26/17	PRELIMINARY DRAWINGS ISSUED	BVL			
10/30/17	ISSUED FOR STATE PLAN APPROVAL	AJH			
12/6/17	REVISED WITHOUT FIREWALL	AJH			

DRAWN BY: **BVL**
DATE DRAWN: **11/16/17**
PROJECT MANAGER: **PH**
JOB NUMBER: **17A70**

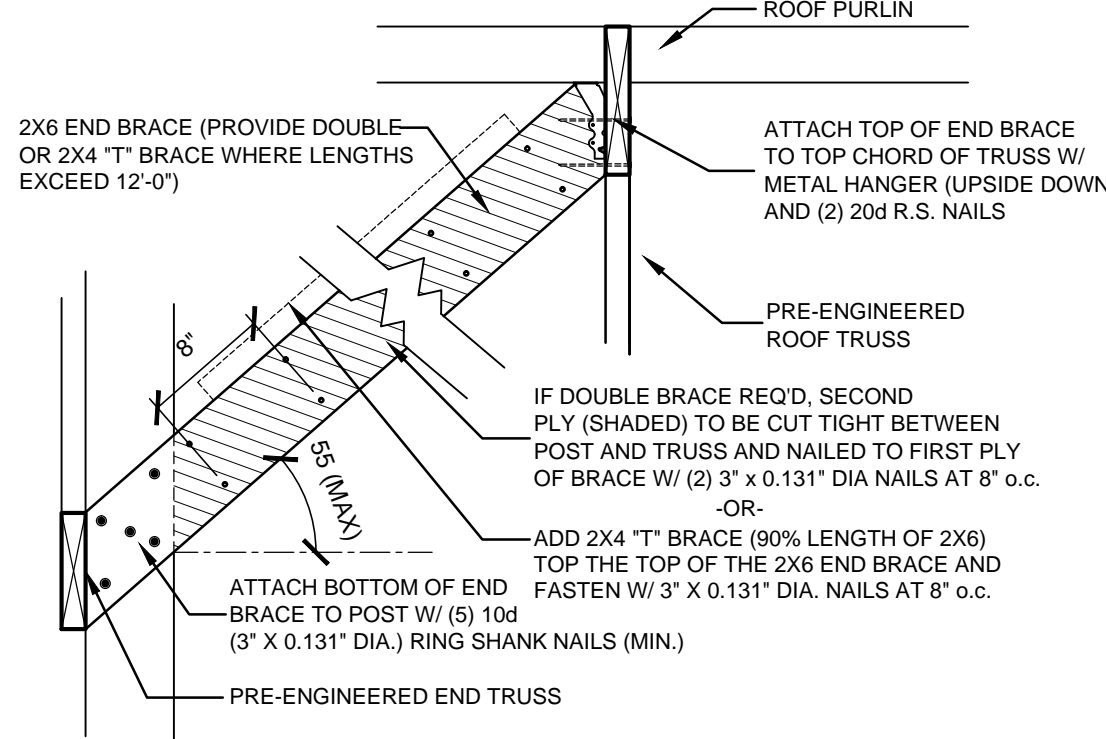
2 SHEET OF **3**



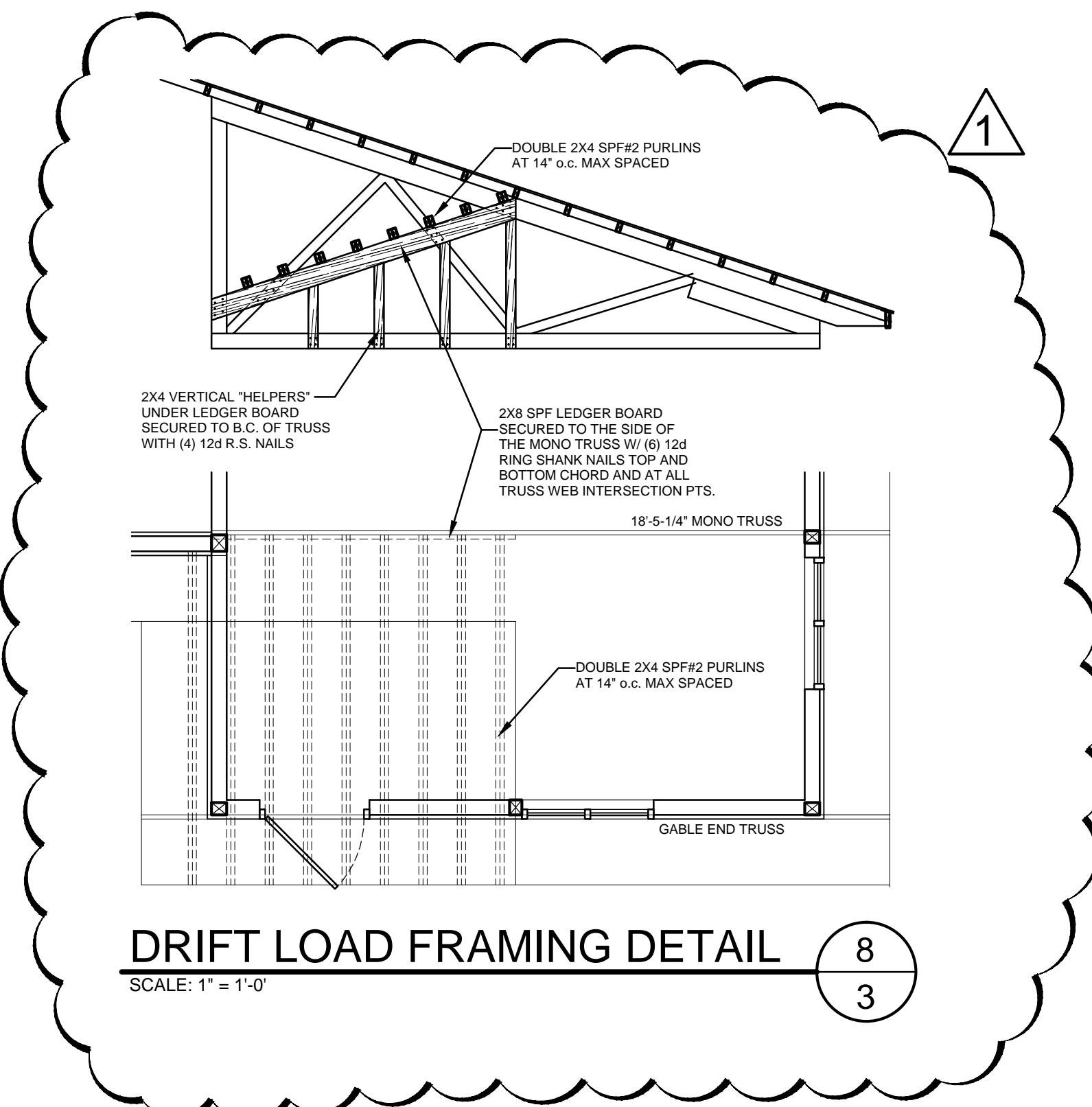
PEAK DETAIL
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4
3



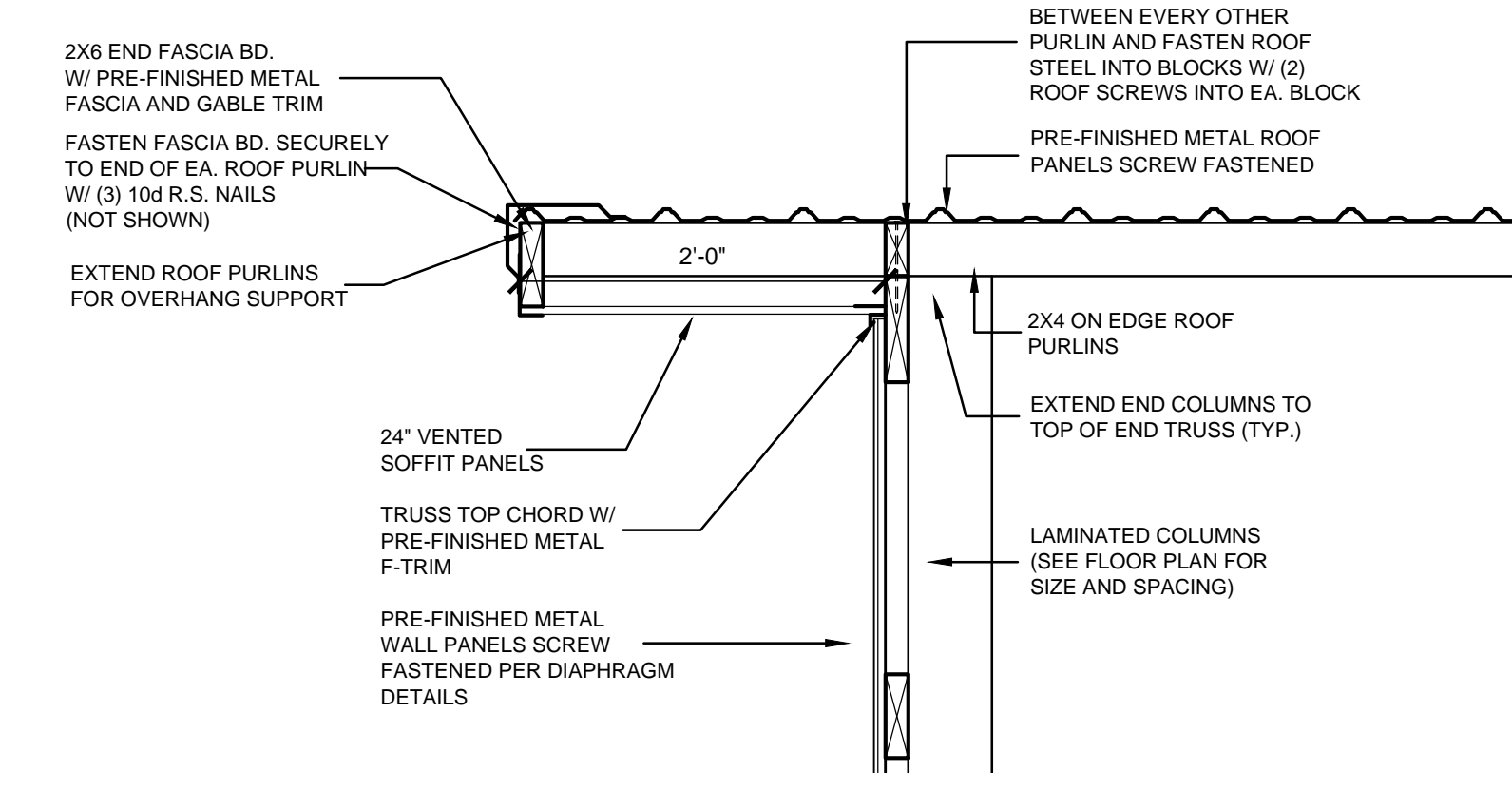
ON EDGE PURLIN ATTACHMENT
SCALE: 1" = 1'-0"
5
3



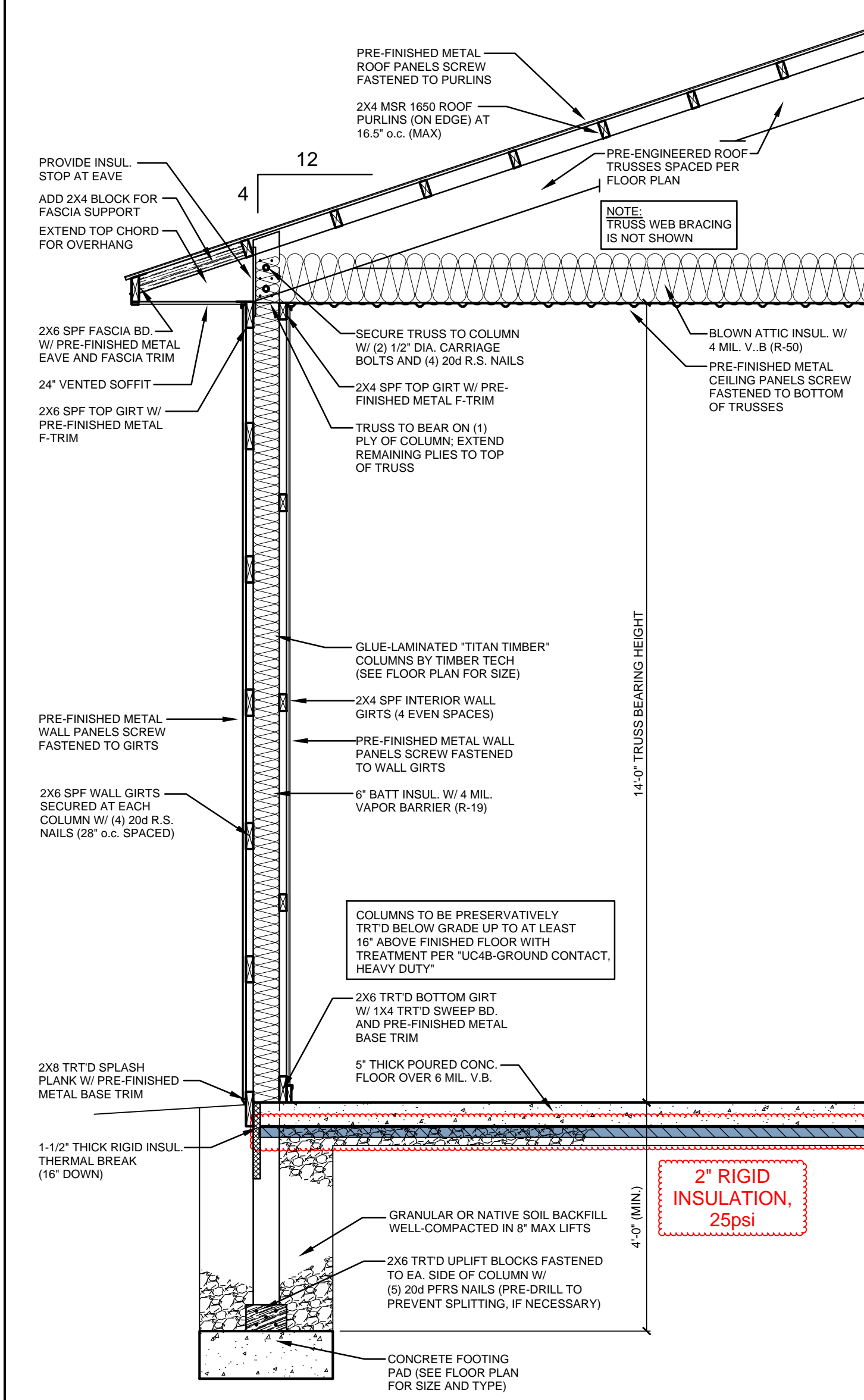
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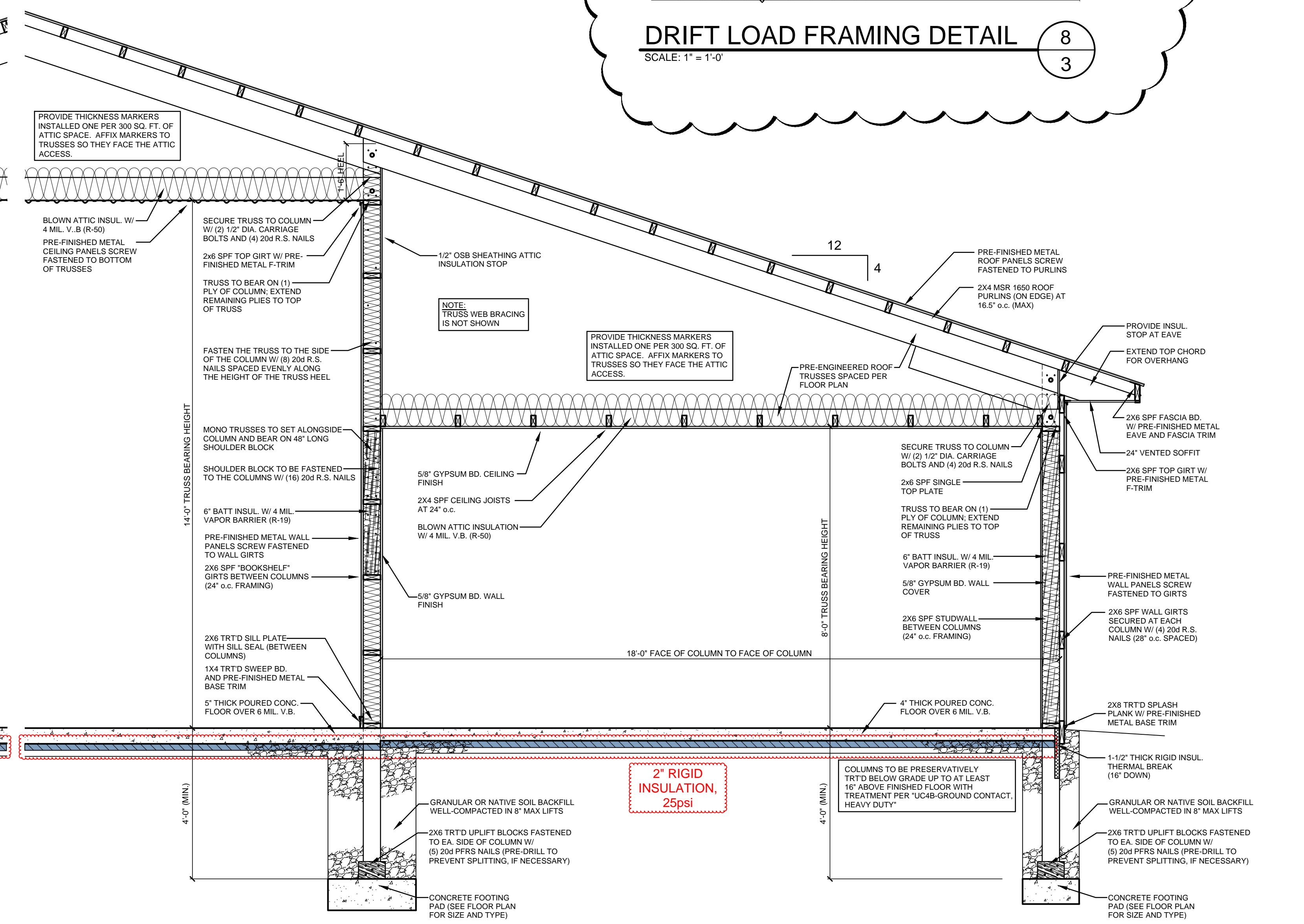
DRIFT LOAD FRAMING DETAIL
SCALE: 1" = 1'-0"
8
3



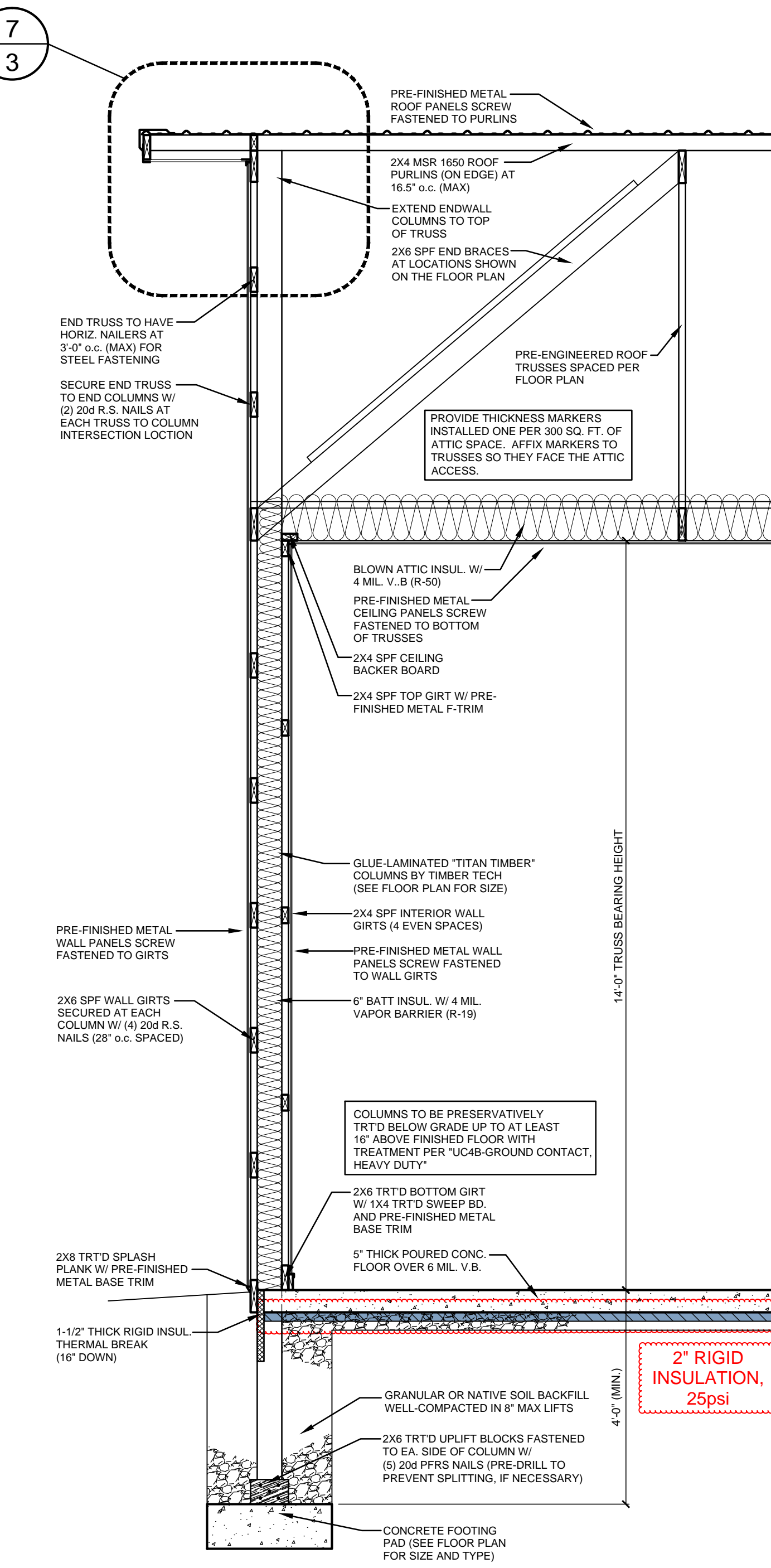
RAKE DETAIL
SCALE: 1" = 1'-0"
7
3



SECTION 1
SCALE: 1/2" = 1'-0"
1
3



SECTION 2
SCALE: 1/2" = 1'-0"
2
3



SECTION 3
SCALE: 1/2" = 1'-0"
3
3

THESE PLANS HAVE BEEN PRODUCED BY HALBERG ENGINEERING LLC. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE INFORMATION PROVIDED HEREIN. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB. ALL SUBCONTRACTORS SHALL COMPLETE AND OBTAIN ALL NECESSARY PERMITS AND LOCAL AND STATE REQUIREMENTS.

HALBERG ENGINEERING LLC
Specialists in Post Frame Engineering
www.halbergengineering.com
aaron@halbergengineering.com

PROJECT: NEW AMBULANCE SHOP AND LIVING QUARTERS
OWNER: SAWYER COUNTY AMBULANCE GARAGE

APPROVED PLANS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
7/17/17	PRELIMINARY DRAWINGS ISSUED	10/16/17	PRELIMINARY DRAWINGS ISSUED
10/16/17	PRELIMINARY DRAWINGS ISSUED	10/26/17	PRELIMINARY DRAWINGS ISSUED
10/26/17	ISSUED FOR STATE PLAN APPROVAL	11/28/17	REVISED WITHOUT FIREWALL

DRAWN BY: BVL
DATE DRAWN: 11/16/17
PROJECT MANAGER: PH
JOB NUMBER: 17A70

3
SHEET OF 3