

GENERAL NOTES

- ALL WORK AND MATERIALS SHALL BE DONE IN ACCORDANCE WITH THE 2021 INTERNATIONAL BUILDING CODE (2021 IBC), WHICH UTILIZES ASCE 7-16 AND THE 2018 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (AMERICAN WOOD COUNCIL).
- REBAR SHALL BE MINIMUM GRADE 40.
- FOOTING AND BACKFILL PREMIX CONCRETE PROVIDED BY A NMCA PRODUCER, MINIMUM 3000 PSI COMPRESSIVE STRENGTH CAST AGAINST UNDISTURBED OR MINIMUM 90% MODIFIED PROCTOR DENSITY COMPACTED SOIL AS TESTED BY A CERTIFIED SOILS TESTING LABORATORY. SONOTUBES MAY BE USED, PROVIDED BACKFILLED SOIL MEETS COMPACTION REQUIREMENTS. IF NON-COMPACTED FILL IS PLACED ON SITE, POST HOLE/FOOTING DEPTHS SHALL BE INCREASED BY DEPTH OF FILL. IN EXPANSIVE SOILS, INCREASE COLUMN EMBEDMENT/PIER DEPTHS TO 5 TIMES FOOTING DIAMETER, WITH A MINIMUM OF 6". SURFACE DRAINAGE SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER APPROVED COLLECTION POINT NOT CREATING A HAZARD. GRADE TO DRAIN SURFACE WATER AWAY FROM BUILDING, FALLING NO LESS THAN 6 INCHES WITHIN FIRST 10 FEET.

ALL MATERIALS SHALL BE IN ACCORDANCE WITH ACI 318, MIXING AND PLACING OF ALL CONCRETE TO BE IN ACCORDANCE WITH ACI 301, CONSTRUCTION TOLERANCE SHALL NOT EXCEED THOSE LISTED IN ACI 117; CONCRETE FOR FOOTINGS SHALL ATTAIN 28 DAY F'C RATIO = 3000 PSI, WATER/CEMENT RATION SHALL BE 0.55, SLUMP= 4IN. , PROVIDE 5% AIR ENTRAINING. NO SPECIAL INSPECTION IS REQUIRED.
- POSTS TO BE CENTERED IN POST HOLES. IF SOLID ROCK IS ENCOUNTERED, CONCRETE BELOW POST MAY BE OMITTED PROVIDED POST BASE BEARS DIRECTLY ON SOLID ROCK. POST HOLE COMPACTION: ABOVE CONCRETE ENCASEMENT PLACE COMPACTABLE GRANULAR FILL, FREE OF CLAYS OR ORGANIC MATERIAL IN MAXIMUM 6" LIFTS, ACHIEVE 2000 PSF COMPACTION, AT EACH LIFT, USING A HAND OPERATED 4" x 4" x 8" POST. RAISE POST 4" OR MORE ABOVE COMPACTING SURFACE AND DROP 4 OR MORE TIMES ON EACH 4" SQUARE. PROOF OF COMPACTION: BUTT END OF A 2x4 SHALL NOT PENETRATE COMPACTED MATERIAL OVER 1/8" UNDER 170# OF WEIGHT. COMPACTION TO NOT TAKE PLACE ON OR UNDER STANDING WATER.
- LUMBER FASTENERS: NAILS 0.148" DIAMETER (10d COMMON), 1-1/2" LENGTH THROUGH HANGERS INTO SINGLE 1-1/2" MEMBERS (ALTERNATE SIMPSON SD9112R100), ELSE 3" LENGTH (WITH HANGERS SIMPSON SD9212R100-R OR LUMBER-TO-LUMBER SDWS16300R075). QUANTITIES OF ALTERNATES TO REMAIN EQUAL. NAILS STAINLESS STEEL OR GALVANIZED TO A MINIMUM OF G185, ASTM A123, OR ASTM B665 (CLASS 55 OR GREATER). 0.131" DIAMETER MAY BE SUBSTITUTED BY INCREASING QUANTITY AT EACH CONNECTION BY 22%. EDGE DISTANCES, END DISTANCES, AND SPACINGS SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD PER NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS).
- PRESSURE PRESERVATIVE TREATED POLES SAWN FOUR SIDES; GENERAL GROUND CONTACT USE, AWPA STANDARD U1-07; MINIMUM USE CATEGORY UC4B, COMMODITY SECTION A. SIZE AND GRADE PER PLAN. FIELD-CUT ENDS, NOTCHES, AND DRILLED HOLES OF PRESSURE PRESERVATIVE TREATED WOOD SHALL BE RETREATED IN THE FIELD IN ACCORDANCE WITH AWPA M4.
- STRUCTURAL FRAMING OVER 8" IN LENGTH TO BE MINIMUM STD. #2, OR 1450MSR OR BETTER. BLOCKING, BRACING, AND OTHER MEMBERS MINIMUM #3. 19% MAXIMUM MOISTURE CONTENT AT USE. SPECIES MAY BE DOUGLAS FIR OR FIR-LARCH (DF/L), SPRUCE-PINE-FIR (SPF), OR HEM-FIR.
- TRUSSES TO BE PREFABRICATED FROM DESIGNS SIGNED BY A PROFESSIONAL ENGINEER REGISTERED TO PRACTICE IN THE STATE IN WHICH STRUCTURE WILL BE CONSTRUCTED. TRUSS FABRICATOR TO BE SUBJECT TO RANDOM QUARTERLY THIRD-PARTY INSPECTIONS PER IBC 2303.4. LINE LOADS TO BE ADJUSTED BY IBC 1607.11.2.1 FOR SLOPE AS APPLICABLE.
- PER ANSI/TPI 1-2014 SECTION 2.3.2.3 TRUSS SUBMITTAL PACKAGE HAS BEEN REVIEWED AND TRUSS CALCULATIONS VERIFIED FOR ALL IMPOSED LOADS, MEET PROPOSED STRUCTURAL DESIGN AND ARE FOUND TO BE IN GENERAL CONFORMANCE WITH DESIGN OF BUILDING (INCLUDING, BUT NOT LIMITED TO: CONNECTIONS, TRUSS LOADS, LOAD PATH AND BEARING POINTS) PER ANSI/TPI 1-2014 SECTION 2.3.3.1.3 THE PROJECT SPECIFIC TRUSS MEMBER LATERAL RESTRAINT/BRACING SYSTEM IS SPECIFIED HEREIN BY THIS ENGINEER OF RECORD. TRUSS CHORD AND MEMBER SIZES AND CONFIGURATION MAY VARY FROM DEPICTIONS HEREIN, REFER TO MANUFACTURER'S DRAWINGS FOR ACTUAL.
- CUTTING, NOTCHING, AND DRILLING: NOTCHES IN SOLID LUMBER BEAMS SHALL NOT EXCEED ONE-SIXTH OF THE DEPTH OF THE MEMBER, SHALL NOT BE LONGER THAN ONE-FOURTH OF THE DEPTH OF THE MEMBER, AND SHALL NOT BE LOCATED IN THE MIDDLE ONE-HALF OF THE SPAN. NOTCHES AT THE ENDS OF THE MEMBER SHALL NOT EXCEED ONE-FOURTH OF THE DEPTH OF THE MEMBER. THE TENSION SIDE OF MEMBERS 4 INCHES OR GREATER IN NOMINAL THICKNESS SHALL NOT BE NOTCHED EXCEPT AT THE ENDS OF THE MEMBERS. THE DIAMETER OF HOLES BORED OR CUT INTO MEMBERS SHALL NOT EXCEED ONE-FIFTH THE DEPTH OF THE MEMBER. HOLES SHALL NOT BE ANY CLOSER THEN 2 INCHES TO THE TOP OR BOTTOM OF THE MEMBER, OR TO ANY HOLE LOCATED IN THE MEMBER. WHERE THE MEMBER IS NOTCHED, THE HOLE SHALL NOT BE CLOSER THAN 2 INCHES TO THE NOTCH. CUTS, NOTCHES, AND HOLES SHALL NOT BE MADE IN TRUSSES, OTHER THAN INCIDENTAL TRIMMING OF TAILS. GLUE-LAMINATED COLUMNS MAY HAVE HOLES BORED THROUGH UP TO ONE-FIFTH THE DEPTH OF THE MEMBER, NO CLOSER THAN EVERY TWO FEET. EFFECTS OF COLUMN NOTCHING SHOWN ON PLAN HAVE BEEN SPECIFICALLY CONSIDERED IN MEMBER DESIGN. LAMINATED VENEER LUMBER (LVL) SHALL NOT BE CUT, NOTCHED, OR BORED EXCEPT AS SPECIFIED ON PLANS.
- STEEL ROOFING AND/OR SIDING PANELS 36" NET COVERAGE WITH 3/4" HIGH RIBS NINE INCHES ON CENTER; ASTM A446 GRADE E (80,000 PSI MINIMUM YIELD), 0.0172" THICKNESS FOLLOWING NATIONAL AISI SPECIFICATION MANUAL FOR TOLERANCES IN GALVANIZED SHEET STEEL- UL 790 CLASS A FIRE RESISTANCE RATED.
- WARNINGS: ADDED INSULATION, CEILING MATERIALS, LIGHTING, HVAC EQUIPMENT OR OTHER LATERAL LOADS IMPOSED UPON THE ROOF SYSTEM ABOVE THE SPECIFIED RATED LOADS WILL REDUCE THE OVERALL CAPACITY OF THE STRUCTURE AND ITS ABILITY TO RESIST REQUIRED DESIGN SNOW LOADS.
- THIS POST FRAME BUILDING IS DESIGNED BY THIS ENGINEER OF RECORD AS REGISTERED DESIGN PROFESSIONAL (RDP) HAVING STRUCTURAL DESIGN RESPONSIBILITY ONLY. THIS DESIGN RELIES SOLELY UPON OCCUPANCY CATEGORY AND STRUCTURAL LOADING CRITERIA FOR AND AT THE INDICATED JOB SITE ADDRESS ONLY.
- UNLESS APPROVED BY THIS RDP, THE ENGINEERING SEAL AND DESIGN RESPONSIBILITY ON THIS BUILDING AS STIPULATED BY STATE LAW ARE NULL AND VOID SHOULD ANY OR ALL STRUCTURAL MATERIALS AND/OR CONSTRUCTION BE SUBSTITUTED, REPLACED, DEPART, DEViate, OR ARE OTHERWISE ALTERED FROM THE ORIGINAL HANSEN POLE BUILDINGS, LLC ENGINEERED BUILDING KIT THEY BELONG TO, INCLUDING BUT NOT LIMITED TO STRUCTURAL MATERIALS FROM SUPPLIERS NOT AUTHORIZED BY THE REGISTERED DESIGN PROFESSIONAL.
- MATERIALS QUOTING OR TAKEOFF BY PARTIES OTHER THAN HANSEN POLE BUILDINGS, LLC AND/OR THEIR AUTHORIZED AGENTS IS STRICTLY PROHIBITED. VIOLATORS WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.
- CUTTERS AND DOWNSPOUTS, IF REQUIRED BY THE GOVERNING JURISDICTION, WILL BE PROVIDED BY THE CLIENT.
- ENTRY DOOR HARDWARE, IF PROVIDED BY HANSEN BUILDINGS, LLC: KWIKSET TYLO ENTRY KNOB FEATURING SMARTKEY IN SATIN CHROME COLOR ANS/BHMA GRADE 3 CERTIFIED PART NUMBER 430T 26D SMT GAL RCS LIFETIME MECHANICAL AND FINISH WARRANTY DIMENSION 7.4" X 3.3" X 2.8"
- ALL DOORS SUPPLIED BY PARTIES OTHER THAN HANSEN POLE BUILDINGS, LLC MUST MEET OR EXCEED THE STATED MINIMUM DESIGN WIND LOADS.
- DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC., IS SOLE RESPONSIBILITY OF BUILDING OWNER AND/OR OWNER'S CONTRACTOR, AND HAS NOT BEEN CONSIDERED BY ENGINEER OF RECORD. BUILDING OWNER AND/OR OWNER'S CONTRACTOR IS RESPONSIBLE FOR STABILITY OF STRUCTURE PRIOR TO COMPLETION, INCLUDING INSTALLATION OF ALL DOORS, AND SHALL PROVIDE ALL NECESSARY BRACING FOR SAME.

CODE DATA

Code: 2021 IBC

Occupancy Classification: S-2
Type of Construction: V-B
Number of Stories: 1
Footprint Width: 30 ft
Footprint Length: 40 ft
Total Floor Area (area contained by embedded columns): 1200 ft²
Total Roof Area: 1265 ft²
Total Wall Area: 2016 ft²
Eave Height (roof above 0.0 grade at sidewall): 14.5 ft
Roof Style: Gable
Roof Slope: 4/12
Interior Double Trusses: 31.502 psf (using p/s)
Ground Snow Load (p/g): 50 psf
Flat-Roof Snow Load (p/f): 33.6 psf
Sloped Roof Snow Load (p/s): 31.502 psf
Max Drift Surcharge Load (p/d): 20.695 psf
Snow Drift Width: 6.109 ft
Roof Dead Load: 7 psf
Ceiling Dead Load: 5 psf
Snow Exposure Factor (C/e): 1
Snow Importance Factor (I/s): 0.8
Thermal Factor (C/t): 1.2
Slope Factor: 0.938
Roof Duration of Loads for Gravity/Live: 1.15
Enclosure Classification: Enclosed
Load Duration Factor for Wind: 1.6
Basic Design Wind Speed (Vult): 150 mph
Allowable Stress Design Wind Speed (Vasd): 116.19 mph
Risk Category: 1
Wind Exposure Category: C
Internal Pressure Coefficient (GCpi): 0.18
MWFRS Design Net Wind Pressures:
- Sidewalls: 23.815 psf
- Endwalls: 17.634 psf
- Roof: 9.6 psf
- Roof Uplift: -22.235 psf
Components and Cladding Design Wind Pressures:
- Zone 1: -52.591 psf
- Zone 2: -77.107 psf
- Zone 3: -92.858 psf
- Zone 4: -32.598 psf
- Zone 5: -40.151 psf
Seismic Use Group: A
Spectral Response Coefficients:
- S/S: 1.762 g
- S/1: 0.692 g
- S/DS: 1.175 g
- S/D1: 0.692 g
Site Class: D
Basic seismic-force-resisting system
Light-framed walls sheathed with wood structural panels rated for shear resistance or steel sheets
Design Base Shear: Not applicable in seismic zone A
Analysis Procedure: Equivalent Lateral Force per 12.8 ASCE
Soil Class: 5
Allowable Foundation Pressure: 1500 psf
Lateral Bearing: 100 psf/ft
Frost Depth: 36 in
Concrete: 0 in. thick slab on grade
IECC Climate Zone: 7

INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT
As per International Building Code (IBC) Chapter 13 Energy Efficiency
Fenestration U-FACTOR: 0.30
Ceiling R-Value: 49
Wood Frame Wall R-Value: 20+5 or 13+10
The first value is cavity insulation, the second value is continuous insulation.
20+5 means R-20 cavity insulation plus R-5 continuous insulation.
13+10 means R-13 cavity insulation plus R-10 continuous insulation.
Slab R-Value & Depth: 10, 4 ft

All doors supplied by parties other than Hansen Pole Buildings must meet or exceed the stated minimum design wind loads.
Commercial Grade Insulated Steel Entry Doors have Steel Frame with an R-13.
Landings at Doors (IBC 1010.1.5):
Landings shall have a width not less than the width of the stairway or the door, whichever is greater. Doors in the fully open position shall not reduce a required dimension by more than 7 inches (178 mm). When a landing serves an occupant load of 50 or more, doors in any position shall not reduce the landing to less than one-half its required width. Landings shall have a length measured in the direction of travel of not less than 44 inches (1118 mm).

ICC-ES Evaluation Reports:
- ESR 1980 & ESR 2240 - Micropro Pressure Treated Wood
- ESR 2644 - ACQ Pressure Treated Wood
- ESR 1721 - Wolmanized Outdoor Preservative Treated Wood
- ESR 2523 - Simpson Strong-Tie Products
- ESR 2549 & ESR 3096 - LU series
- ESR 2105 & LSTA and HST series
- ESR 0192 - Simpson Strong-Drive SDWS22

FRAMING MEMBERS DIRECTLY ABOVE DOOR AND/OR WINDOW OPENINGS DO NOT SUPPORT ROOF LOADS U.O.N.

NOTE: TRUSS SHAPES SHOWN ARE NOT AN EXACT REPLICATION OF SEALED TRUSS DRAWINGS, BUT ARE A REPRESENTATION OF MEMBER LOCATIONS.

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DET. 38 - 2x4 SIDING BACKING

ACRONYMS

- AISI - American Iron and Steel Institute
- ANSI - American National Standards Institute
- ASCE - American Society of Civil Engineers
- ASTM - American Society of Testing and Materials
- AWPA - American Wood Protection Association
- HIB - Handling, Installing and Bracing (of Metal Plate Connected Wood Trusses)
- IBC - International Building Code
- ICC/ESR - International Code Council/Evaluation Service Report
- NRMCA - National Ready Mixed Concrete Association
- TPI - Truss Plate Institute

ABBREVIATIONS

- BL - Building Line
- CL - Center Line
- Col. - Column
- Conc. - Concrete
- Det. - Detail
- DF/L - Douglas Fir/Larch
- Dia. - Diameter
- Ea. - Each
- Eq. - Equal
- Ft - Foot/Feet
- Hem - Hemlock
- Horiz. - Horizontal
- HVAC - Heating, Ventilation, & Air Conditioning
- LLC - Limited Liability Corporation
- Mnfg - Manufacturing/Manufactured
- MSR - Machine Stress Rated
- N.T.S. - Not to Scale
- O.C. - On Center
- P.E. - Professional Engineer
- Perp. - Perpendicular
- Ph - Phone
- Pre-Fab - Prefabricated
- Ps - Roof live load adjusted for slope
- PSI - Pounds per Square Inch
- PSF - Pounds per Square Foot
- Psf/ft - Pounds per Square Foot per Foot of Depth
- P.T. - Pressure Treated
- RDP - Registered Design Professional
- SELSTR - Select Structural
- Sht - Sheet
- SPF - Spruce Pine Fir
- Std - Standard
- SYP - Southern Yellow Pine
- Typ. - Typical
- U.O.N. - Unless Otherwise Noted

DocuSigned by:
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EXP. 12/31/2025
4/6/2024

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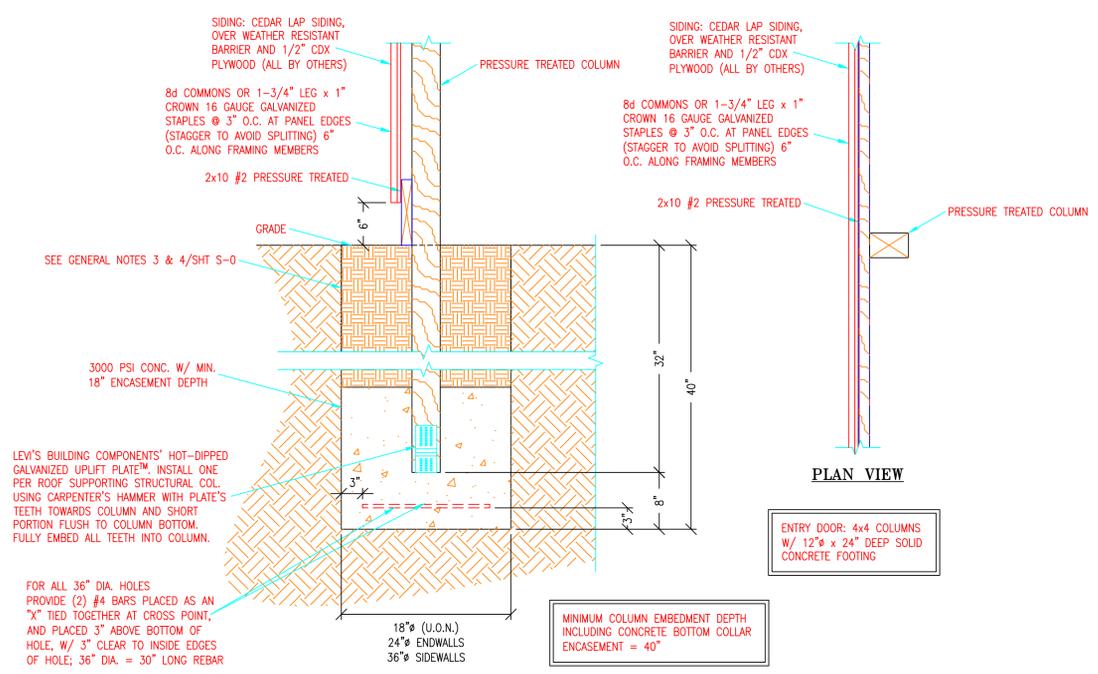
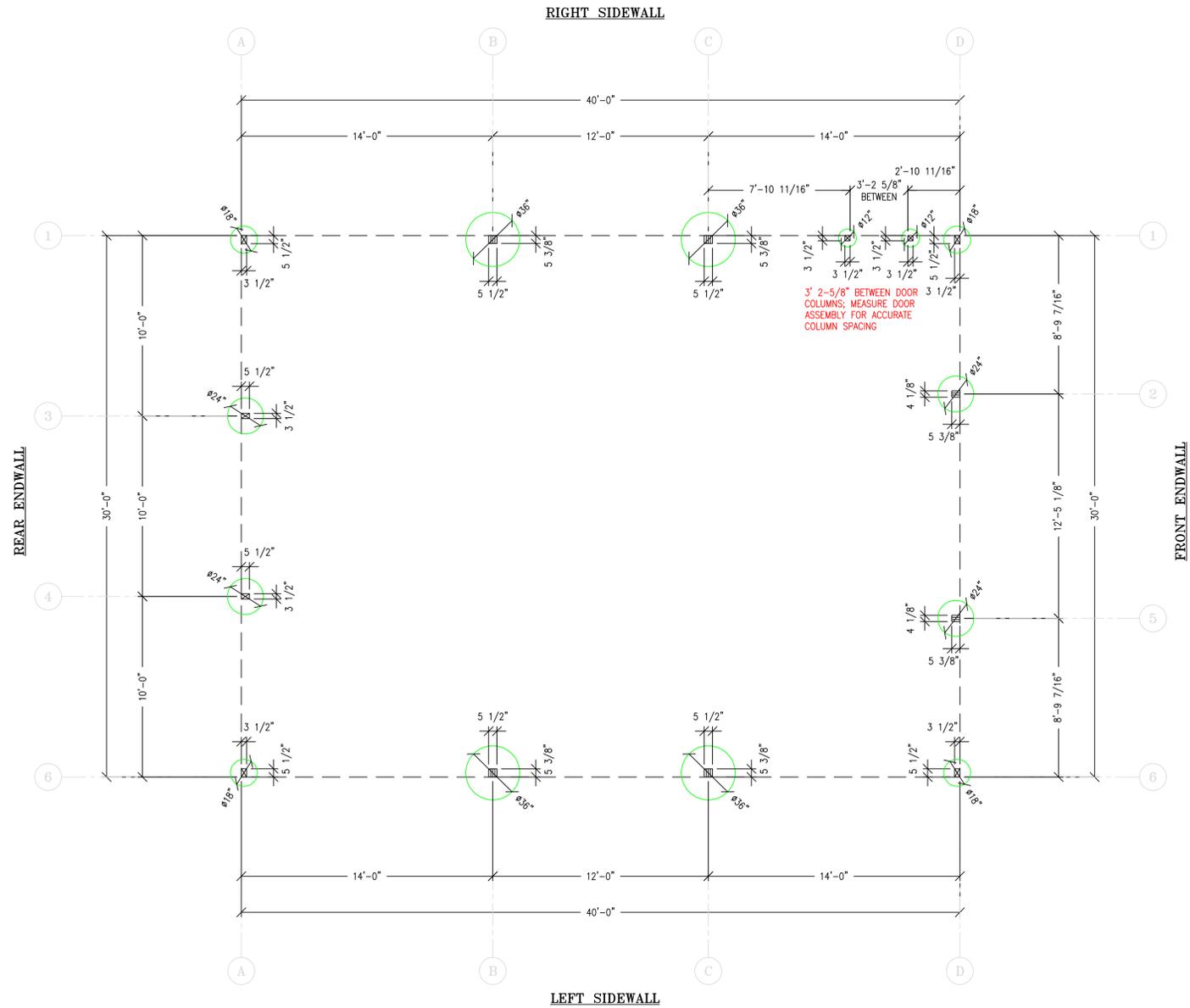
S-0

MINIMUM NAIL SPACING

	WOOD SIDE MEMBERS	
	NOT PREBORED	PREBORED
EDGE DISTANCE	2.5D	2.5D
END DISTANCE		
- TENSION LOAD PARALLEL TO GRAIN	15D	10D
- COMPRESSION LOAD PARALLEL TO GRAIN	10D	5D
SPACING BETWEEN FASTENERS IN A ROW		
- PARALLEL TO GRAIN	15D	10D
- PERPENDICULAR TO GRAIN	10D	5D
SPACING BETWEEN ROWS ON FASTENERS		
- IN-LINE	5D	3D
- STAGGERED	2.5D	2.5D

D = DIAMETER OF NAIL BEING USED

EXAMPLE: EDGE DISTANCE 2.5D
USING 10d NAILS (0.148 DIA.)
 $2.5 \times 0.148 = 0.37$ OR $3/8"$



POST LAYOUT / FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

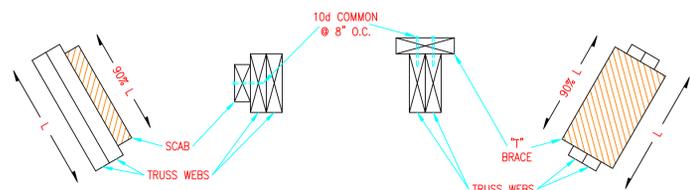
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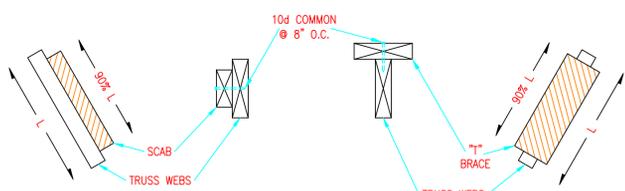
THE TRUSS ENGINEERING SOFTWARE WILL CORRECTLY DESIGN AND DETAIL THE REQUIREMENTS FOR PERMANENT BRACING ON MEMBERS FOR WHICH IT IS REQUIRED. SEALED ENGINEERING DRAWINGS WILL SHOW THE REQUIRED NUMBER OF BRACES FOR EACH MEMBER NEEDING BRACING. IN GENERAL, THIS BRACING IS DONE BY ATTACHING A 1x OR 2x MEMBER (TOP OF BOTTOM OF MEMBER) RUNNING PERPENDICULAR TO THE TRUSS WITH 2-10d COMMONS OR BOX NAILS, AT EACH TRUSS, AND ADEQUATELY BRACED TO THE BUILDING PER HB-91 FROM TPI OR PER THE BUILDING DESIGNER, THE FOLLOWINGS ARE OTHER OPTIONS (WHEN PERP. BRACING IS NOT POSSIBLE OR DESIRABLE) THAT WILL ALSO SATISFY BRACING NEEDS:

1. A 1x OR 2x STRUCTURAL GRADED "T" BRACE WILL BE NAILED FLAT TO THE EDGE OF THE MEMBER WITH 10d COMMONS OR BOX NAILS AT 8" O.C. IF ONLY ONE BRACE IS REQUIRED. OR IT MAY BE NAILED TO BOTH EDGES OF THE MEMBER IF TWO BRACES ARE REQUIRED. THE "T" BRACE MUST EXTEND A MINIMUM OF 90% OF THE MEMBER LENGTH.
2. A SCAB (ADD-ON) OF THE SAME SIZE AND STRUCTURAL GRADE AS THE MEMBER MAY BE NAILED TO ONE FACE OF THE MEMBER WITH 10d COMMONS OR BOX NAILS AT 8" O.C. IF ONLY ONE BRACE IS REQUIRED, A MINIMUM OF 2x6 SCABS ARE REQUIRED FOR ANY MEMBER EXCEEDING 14'-0" IN LENGTH. SCABS(S) MUST EXTEND A MINIMUM OF 90% OF THE MEMBER LENGTH.
3. FOR ANY MEMBER REQUIRING MORE THAN TWO BRACES, USE PERPENDICULAR BRACING, OR IT MUST BE ANALYZED ON A CASE-BY-CASE BASIS.



SCAB (ADD-ON) BRACE "T" BRACE

2-PLY TRUSS

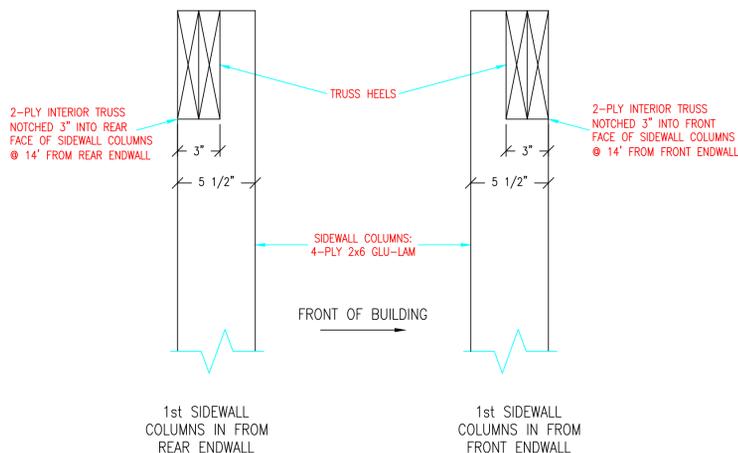


SCAB (ADD-ON) BRACE "T" BRACE

1-PLY TRUSS

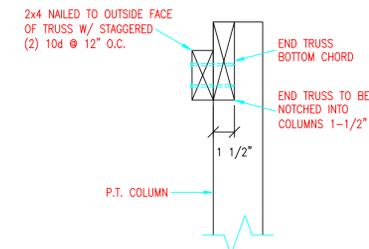
15 TRUSS WEB BRACING (1&2-PLY TRUSSES)

S-2 SCALE: N.T.S. (WHEN REQUIRED BY TRUSS MANUFACTURER'S TRUSS PLAN)



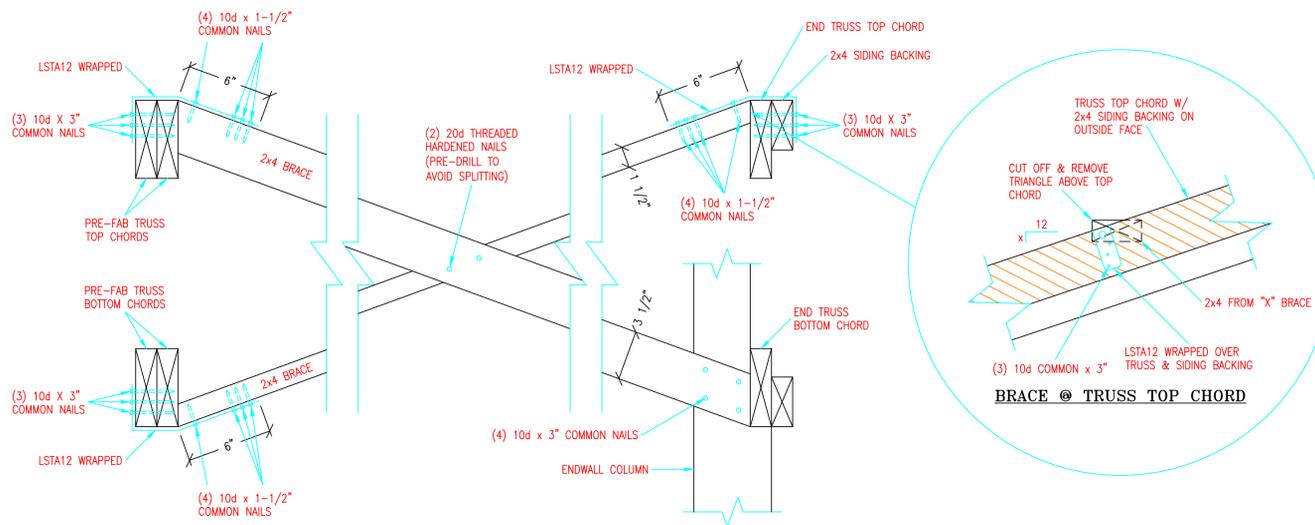
21 NOTCHED SIDEWALL COLUMNS

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



31 SINGLE ENDWALL TRUSS W/ 2x4 SIDING BACKING

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

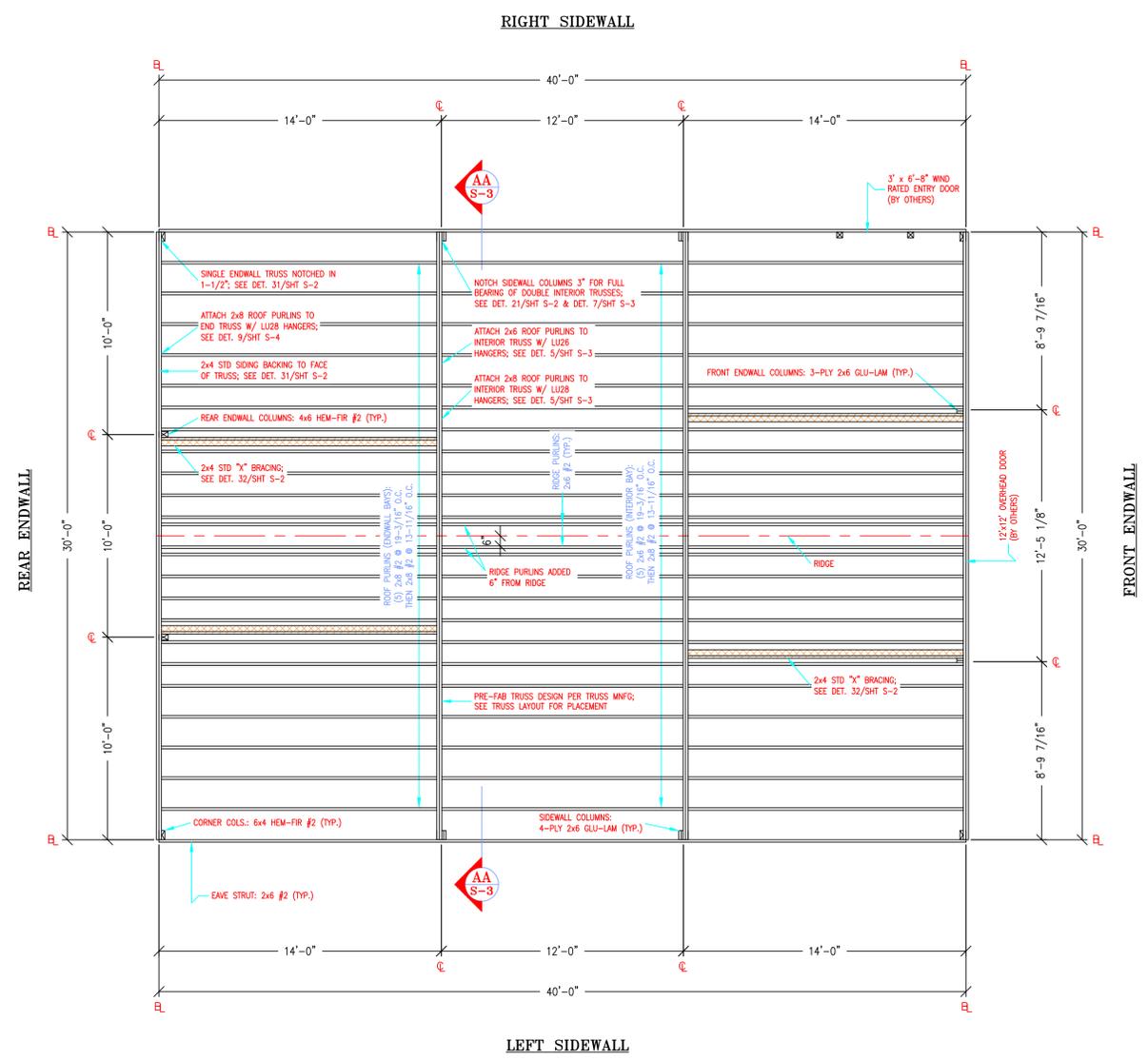


32 BOTTOM CHORD "X" BRACING

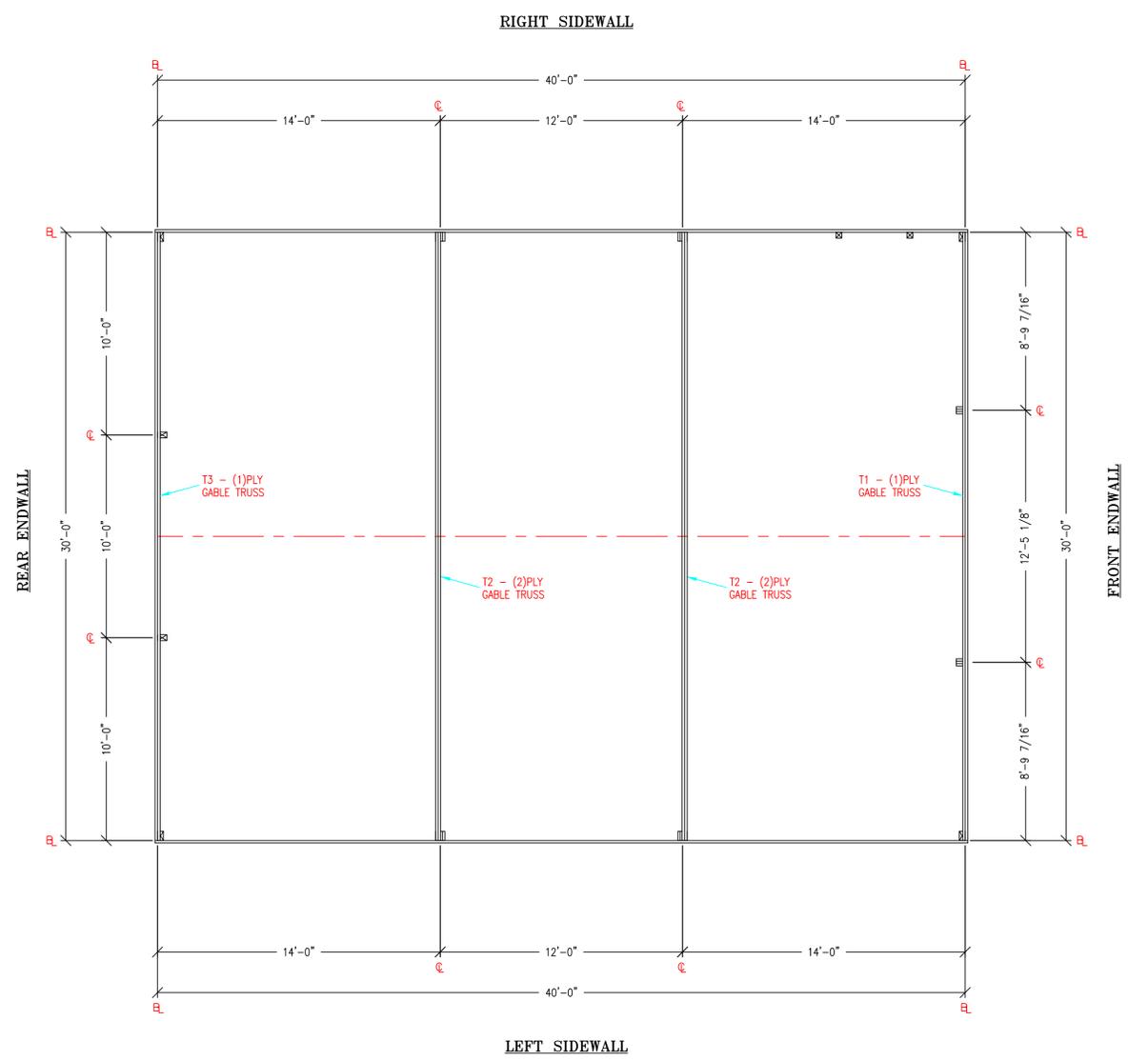
S-2 SCALE: 2"=1'-0"

ROOF FRAMING DETAILS

SCALE: 1/4" = 1'-0"



ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"



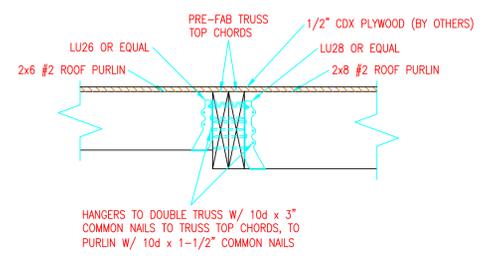
TRUSS LAYOUT PLAN
SCALE: 1/4" = 1'-0"



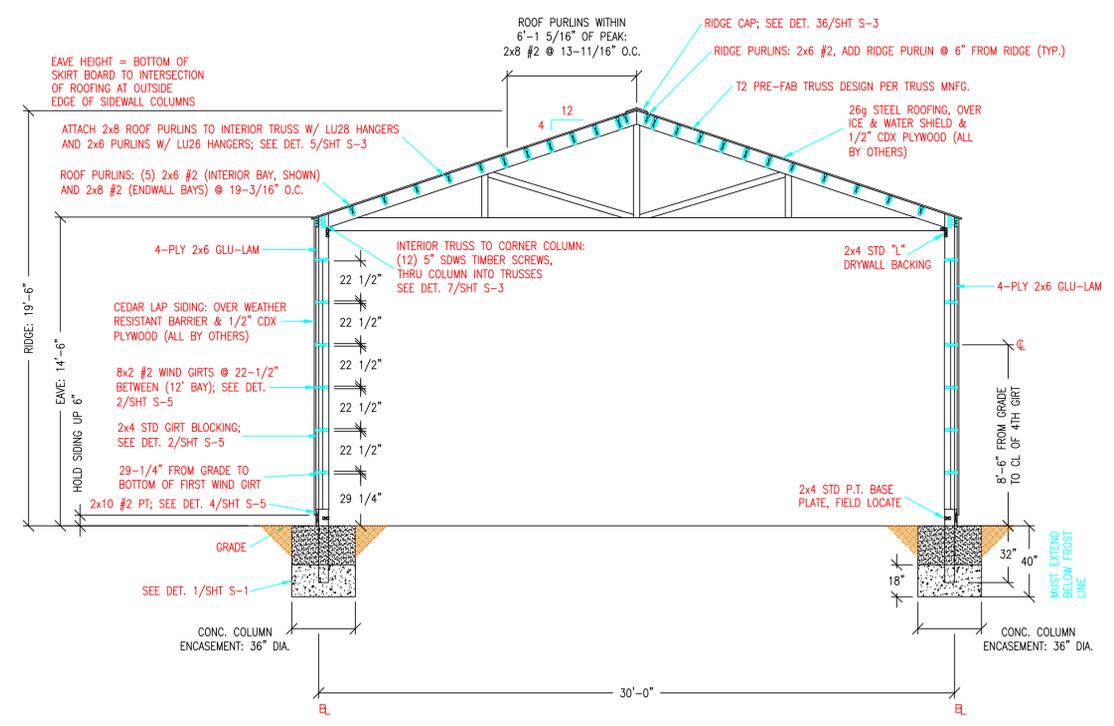
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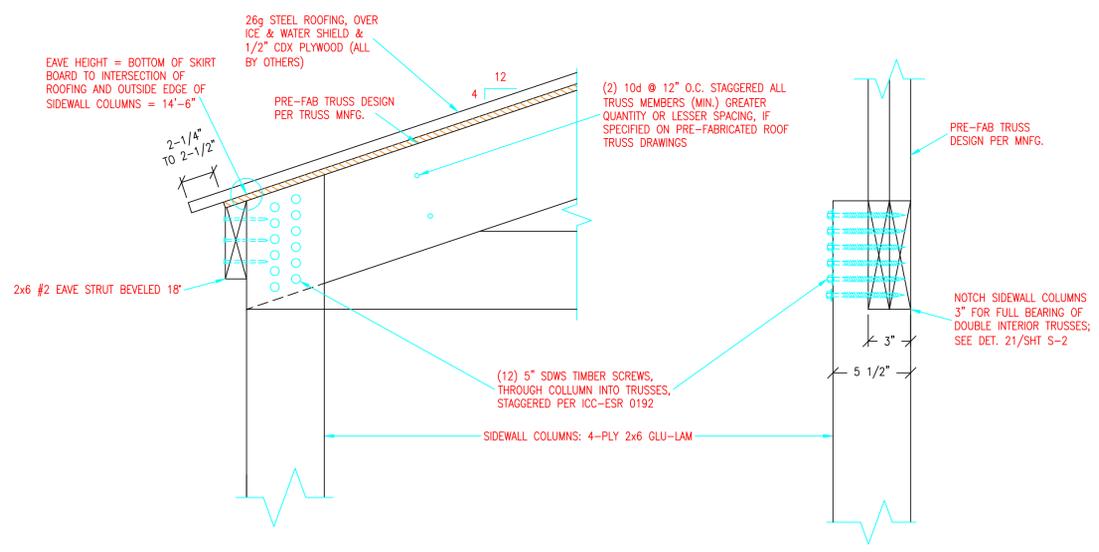
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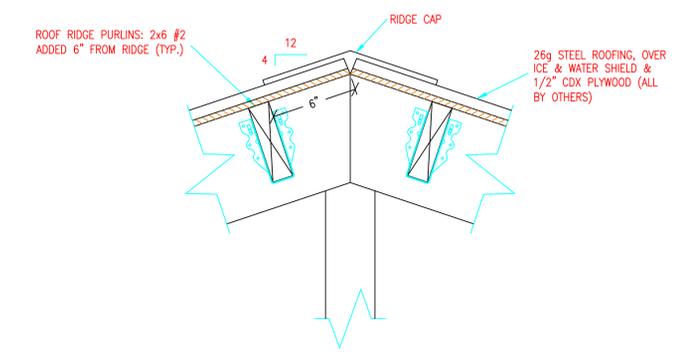
5 ROOF PURLIN TO INTERIOR TRUSS
S-3 SCALE: 1-1/2"=1'-0"



AA BUILDING SECTION
S-3 SCALE: 1/4"=1'-0"



7 INTERIOR TRUSS TO COLUMN
S-3 SCALE: 2"=1'-0"

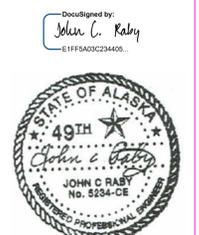


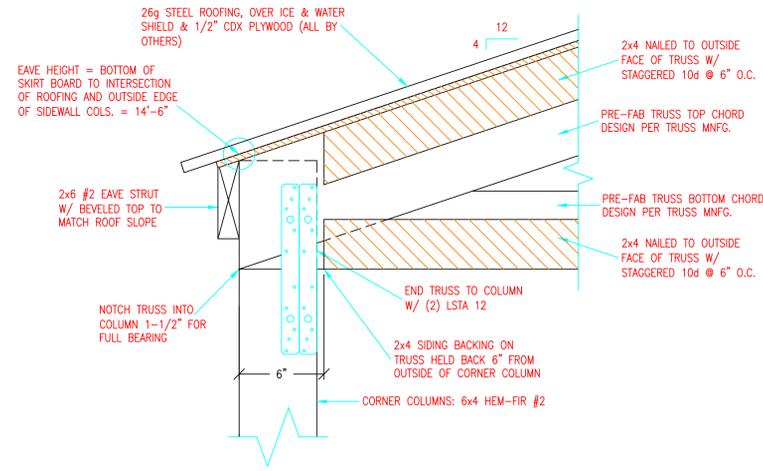
36 RIDGE DETAIL
S-3 SCALE: 2"=1'-0"

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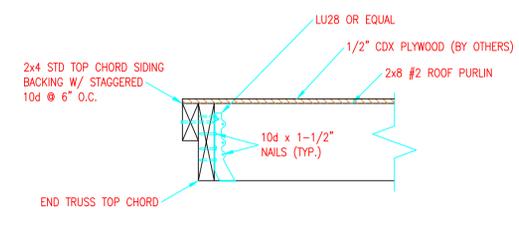
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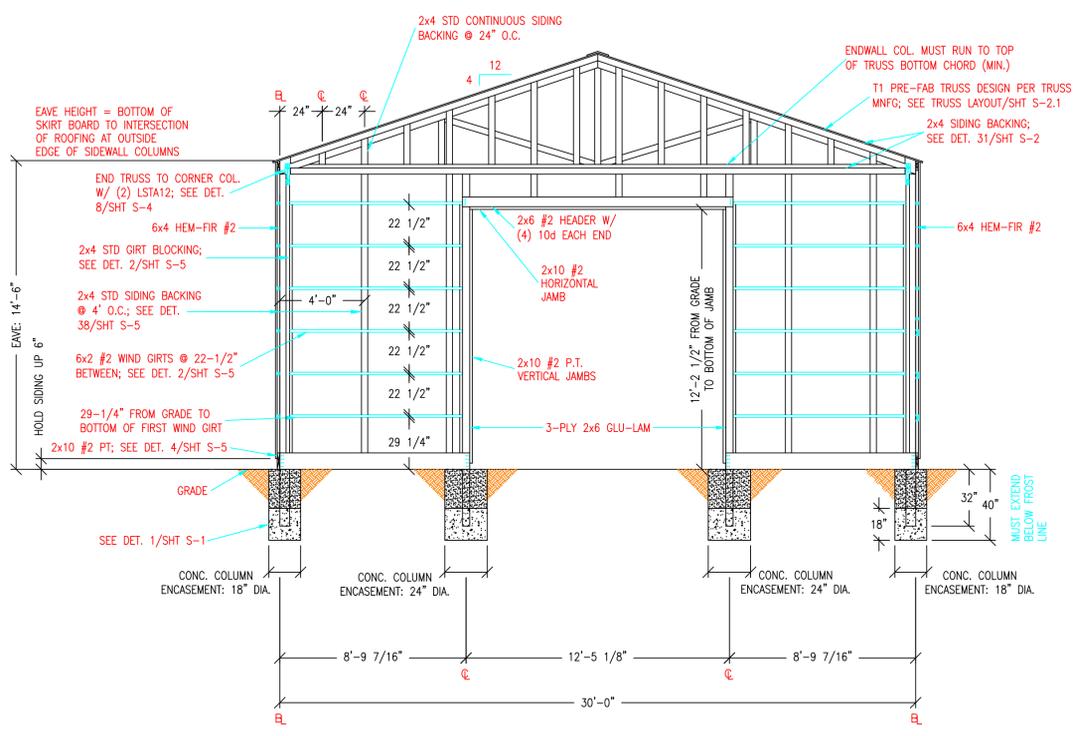




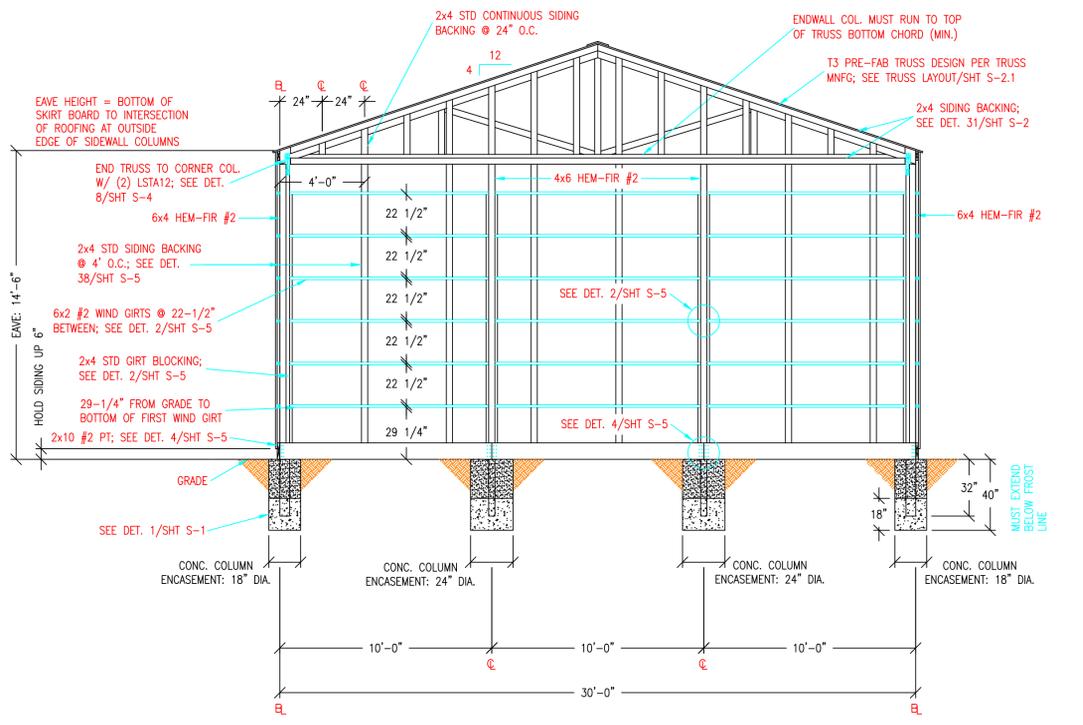
8 END TRUSS TO CORNER COLUMN
S-4 SCALE: 2"=1'-0"



9 ROOF PURLIN TO ENDWALL TRUSS
S-4 SCALE: 1-1/2"=1'-0"



FRONT ENDWALL FRAMING
 SCALE: 1/4" = 1'-0"



REAR ENDWALL FRAMING
 SCALE: 1/4" = 1'-0"

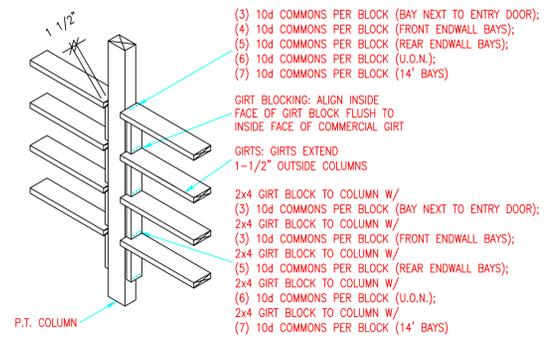
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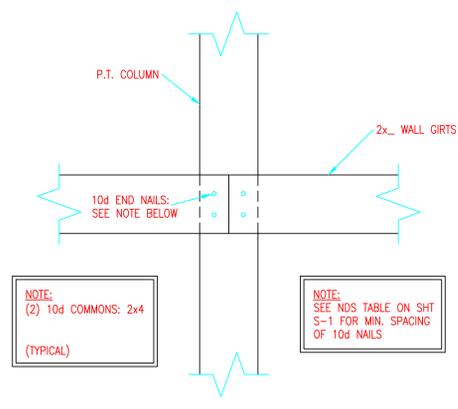


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DATE 02/23/2024
FILE NO. #24-0106F
SHEET NO.

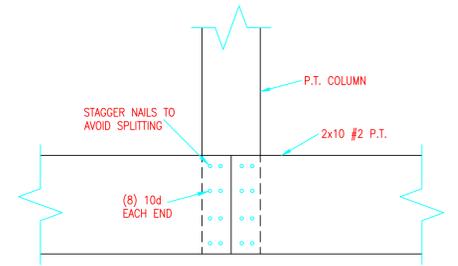
S-4



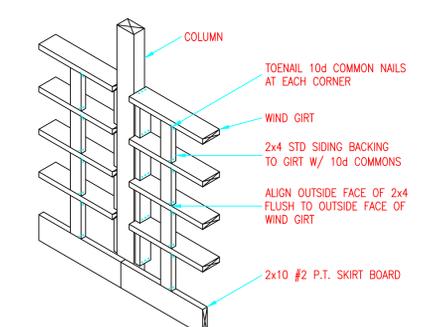
2 GIRT DETAIL
S-5 SCALE: N.T.S.



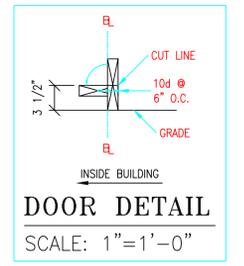
3 2x WALL GIRTS
S-5 SCALE: 1-1/2"=1'-0"



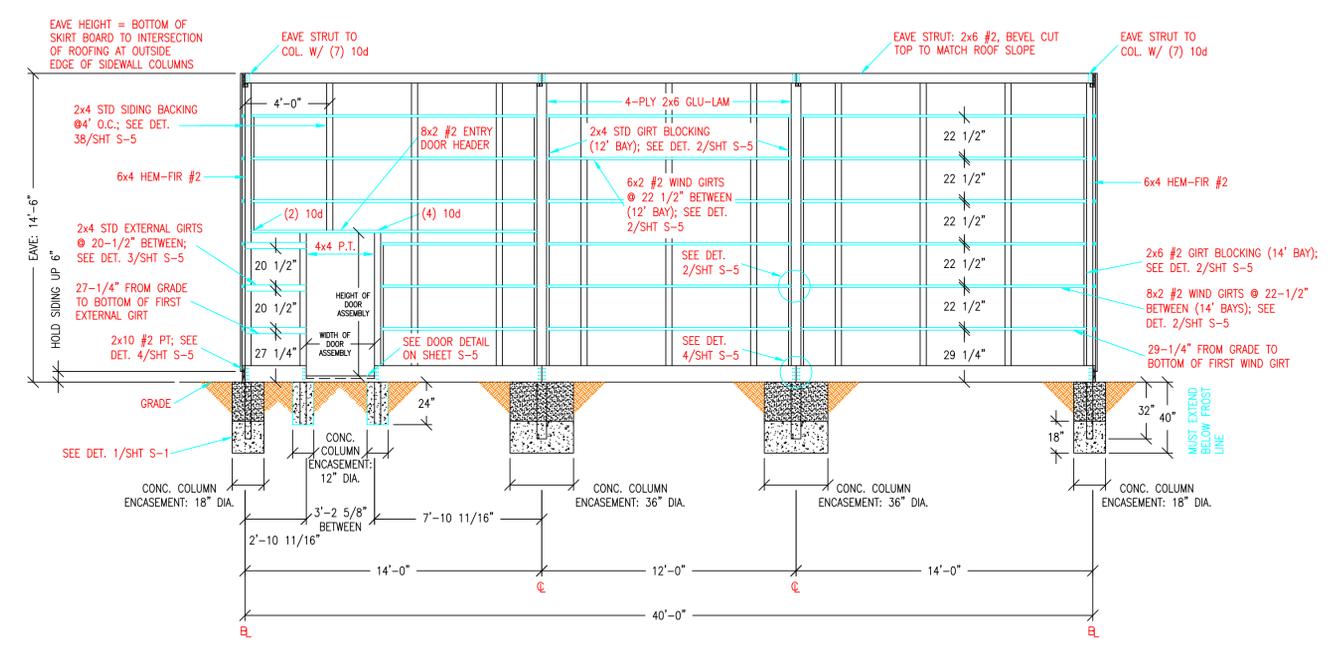
4 2x10 P.T. SKIRT BOARD TO COLUMN
S-5 SCALE: 1-1/2"=1'-0"



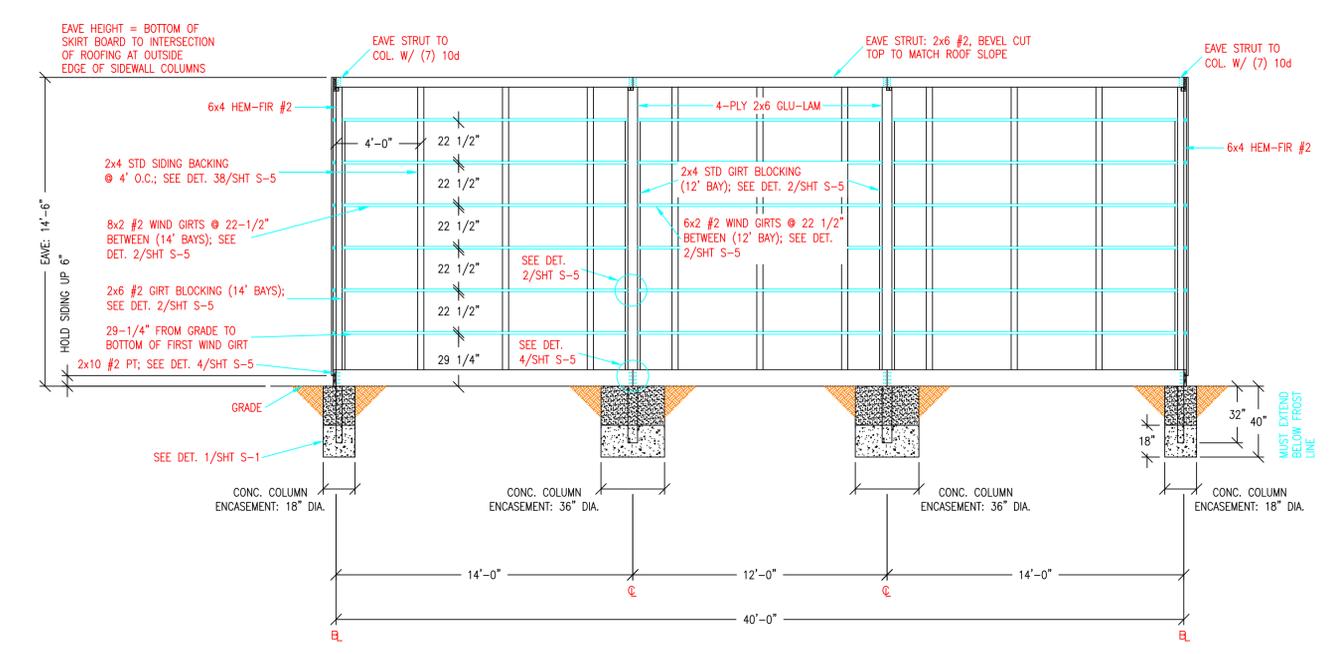
38 2x4 SIDING BACKING
S-5 SCALE: N.T.S.



DOOR DETAIL
SCALE: 1"=1'-0"



RIGHT SIDEWALL FRAMING
SCALE: 1/4" = 1'-0"



LEFT SIDEWALL FRAMING
SCALE: 1/4" = 1'-0"

Hansen Pole Buildings, LLC
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