

MATERIAL LIST FOR 20'x24' POLE BUILDING*

- OTHER MATERIALS
- (2) ROLLS OF 4'x125' DOUBLE BUBBLE REFLECTIVE INSULATION (OPTIONAL)
- (1) 2868 9-LITE FIBERGLASS LEFT-HINGED IN-SWING ENTRY DOOR
- (1) 10'x7' O.H. INSULATED GARAGE DOOR with GLASS
- (14) H2.5A HURRICANE TIES BY SIMPSON STRONG-TIE
- (52) 12"x12" METAL VENTED SOFFIT (FOR EAVE OVERHANGS)
- (48) 12"x12" METAL SOLID SOFFIT (FOR GABLE OVERHANGS)
- FASTENERS (FINISH NAILS, FRAMING NAILS, ETC.)



NOTES:

WE CAN NOT GUARANTEE 100% ACCURACY OF THIS MATERIALS LIST. PLEASE CONFIRM WITH YOUR BUILDER OR LUMBER YARD BEFORE ORDERING ANY MATERIALS.

THIS LIST OF MATERIALS IS PROVIDED AS A COURTESY ONLY ALL MATERIALS MUST BE VERIFIED BEFORE PLACING ORDER

DEPENDING ON YOUR LOCATION & MATERIALS AVAILABILITY SOME MATERIALS MIGHT HAVE TO BE CHANGED OR SUBSTITUTED. PLEASE CONFIRM WITH YOUR CONTRACTOR.

FILE INFO.

BUILDERS' INFORMATION

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20' x 24' x 8' POLE BUILDING
FOR

SEAL

PROJECT NO.

DRAWN BY

FILE INFO.

REVISIONS

DATE

DRAWING TITLE

BARN IMAGE
DISCLAIMER

20'x24'x8' POLE BUILDING

WITH

METAL SIDING, METAL ROOF, (1) 10'x7' GARAGE DOOR
(1) 2868 ENTRY DOOR, 12" EAVE & GABLE OVERHANGS

BEFORE USING THIS PLAN:

1. YOU MUST FIRST CONFIRM THIS PLAN FOR CODE COMPLIANCE WITH AN ENGINEER OR YOUR LOCAL CODE OFFICIAL.
2. THIS PLAN IS NOT DESIGNED FOR HIGH WIND ZONES AND WILL NEED TO BE MODIFIED BY AN ENGINEER OR AN ARCHITECT TO COMPLY WITH HIGH WIND ZONE CODES.
3. IF THIS PLAN IS USED AS-IS WITHOUT FIRST CONFIRMING WITH AN ENGINEER, END USER SHALL BE FULLY RESPONSIBLE FOR ANY OR ALL CONSEQUENCES THAT MIGHT ARISE OUT OF USE OF THIS PLAN.

NOTES:

By using these plans you agree not to hold Keystone Barn Supply, LLC, it's owners and/or plan designers responsible for any mistakes or incorrect design. You also agree that Keystone Barn Supply LLC, its owners or plan designers will not be, under any circumstances liable to the consumer or end user for any incidental, consequential, special, exemplary, or punitive damages arising out of the use of these plans. You **MUST ALWAYS** consult with your local engineer and your contractor before using any of our plans or doing any construction work.

GENERAL NOTES

1. PROVIDE EROSION PROTECTION AS REQ'D BY ALL GOVERNING AUTHORITIES.
2. PROVIDE P.T. W.D. WHERE IN CONTACT W/ EPDM ROOFING, FLASHING WATERPROOFING, MASONRY, CONCRETE OR EARTH.
3. ALL WOOD FASTENERS, HANGERS, ETC. IN CONTACT W/ P.T. W.D. TO EXCEED MIN. 200 GAU. OR GREATER AS REQ'D BY FASTENER MFR. FOR TYPE OF P.T. CHEMICAL USED AND/OR ENVIRONMENT.
4. CONFORM TO ELECTRIC RECS. OF NEC 2002 INCL. GFC RECEPTS, & GROUNDING OF CONC. SLABS ANIMAL USE AREAS.
5. LIGHTNING PROTECTION WILL BE INSTALLED COMPLYING W/ NFPA 780
6. FRAMING POSTS
P.T. ? MAIN POSTS
P.T. ? DOOR POST
7. CONC. FOOTERS ARE SIZED ASSUMING A MIN. SOIL BEARING CAPACITY OF 3000 PSF
8. CONCRETE SLAB TO BE MIN. 4" THICK WITH WIRE-MESH
9. TOTAL AREA UNDER ROOF (INCLUDES OVERHANGS) - ? SQ.F.

DO NOT SCALE DIMENSIONS OFF DRAWINGS. USE WRITTEN OR CALCULATED DIMENSIONS.

ALL CONTRACTORS ARE RESPONSIBLE FOR CHECKING DIMENSIONS BEFORE ESTIMATING, ORDERING OR STARTING WORK.

ALL WORK SHALL CONFORM TO CODES AND REQUIREMENTS OF LOCAL, COUNTY, STATE, NATIONAL BUILDING SAFETY CODES AND OTHER AGENCIES AND AUTHORITIES HAVING JURISDICTION OVER THE PROJECT.

CODE INFO. ON STRUCTURE:

CONSTRUCTION TO CONFORM WITH DESIGN DOCUMENTS & ALL CODE REQTS.

1. FOUNDATIONS DESIGNED FOR ASSUMED ALLOWABLE NETSOIL BEARING PRESSURE OF 3000 PSF

2. DESIGN LIVE LOADINGS AS FOLLOWS:
- SNOW: 45 PSF PLUS DRIFT
 - WIND: 110 MPH (EXPOSURE C)
 - SEISMIC USE GROUP: 1
 - SITE CLASS: D
 - SEISMIC FORCE RESIST: WD. FRAME
 - WEATHERING: SEVERE

3. DEAD LOADS AS FOLLOWS:
- TOP CHORD OF TRUSS w/. METAL & D.B. INSULATION - 10PSF
- BOTTOM CHORD OF TRUSS - 10 PSF

4. PLACE FILL & BACKFILL IN MAX. 8" LIFTS. COMPACT EACH LAYER UNDER FOOTINGS & SLABS TO AVOID DENSITY OF MIN. 95%. DO NOT BUILD ON SOILS LESS THAN INDICATED DESIGN STRENGTH.
5. CONCRETE TO HAVE 28-DAY MIN. COMPRESSIVE STRENGTH AS FOLLOWS:
- 4000 PSI AT EXT. SLABS
- 3000 PSI ALL OTHER LOCATIONS
- PROVIDE COVERING OF REINF. PER IRC TABLE 1907.7.1
- PROVIDE CORNER BARS TO MATCH CONTIN. REINF.
- LAP ALL REINF. MIN 24" W.W.F. TO LAP MIN. 8".
6. ALL STRUCTURAL WOOD TO BE GRADED LUMBER - MIN. S.P.F. OR #2 HEM-FIR UNLESS NOTED OTHERWISE.

7. CONTRACTOR IS RESPONSIBLE OF MEANS OF CONSTRUCTION, INCL. PROVIDNG GUYS, BRACING & SHORING AS REQUIRED FOR ALL LOADING CONDITIONS THROUGHTOUT CONSTRUCTION. CONTRACTOR IS NOT TO STORE MATERIALS IN EXCESS OF DESIGN LIVE LOADS WITHOUT APPROVAL OF ARCHITECTOR.

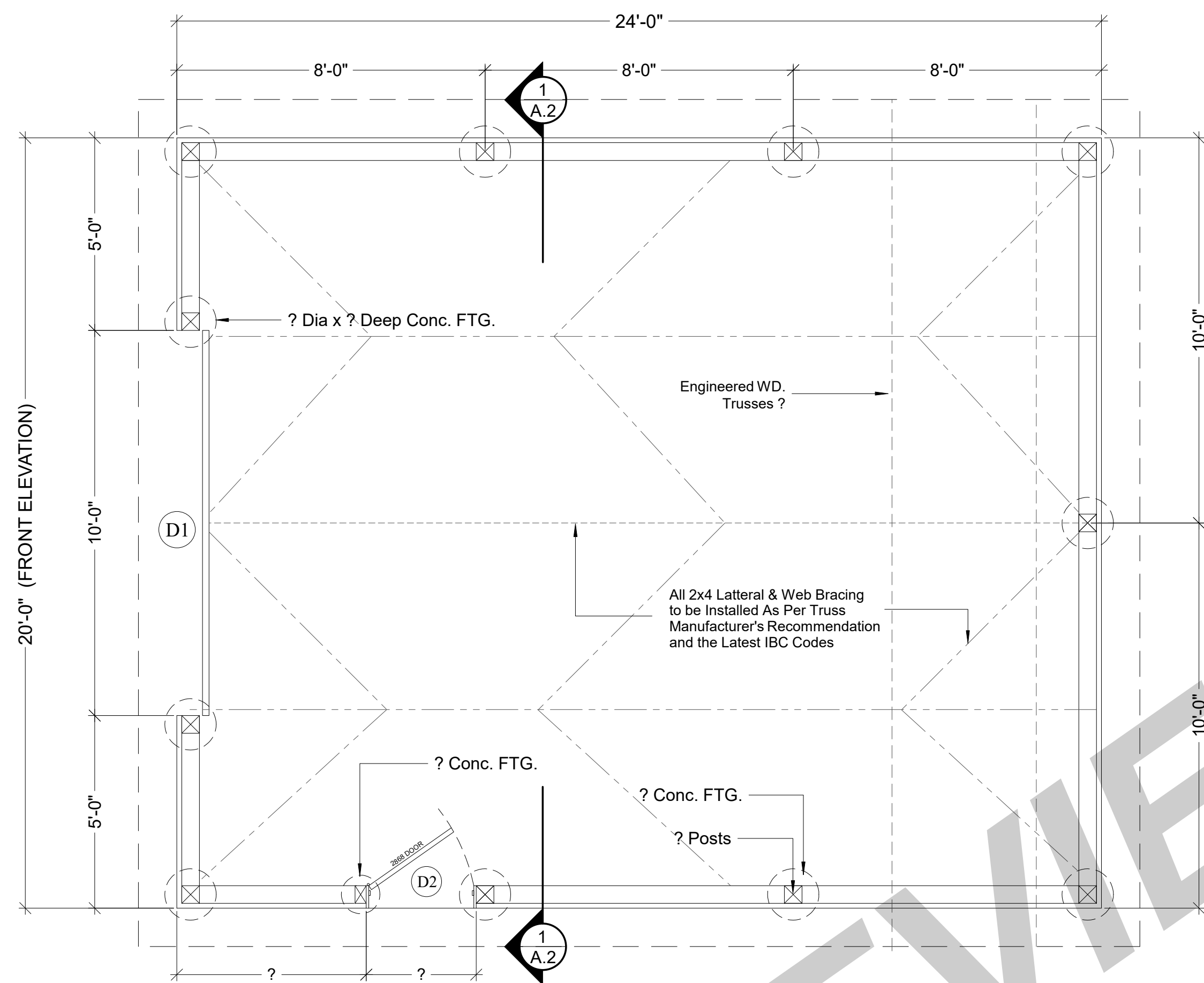
8. CONCRETE FLOOR SLAB-ON-GRADE TO INCLUDE CONTROL JOINTS A MAXIMUM OF 12" O.C. AND 1/4" OF THE SLAB THICKNESS. ALL TOPSOIL, ORGANICS AND CLAY TO BE REMOVED FROM FLOOR SLABS PRIOR TO CONCRETE OR FILL PALECEMENT. FILLS TO BE NON-EXPANSIVE GRANULAR SOIL, PLACED IN 6-8 INCH LIFTS AND COMPACTED TO 95% OF THE MAXIMUM PROCTOR DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT.

SYMBOL LEGEND

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- Diagram illustrating symbols for door types and their details:
- D1** — 10'W x 7'H OVERHEAD GARAGE DOOR w/ GLASS
 - D2** — 2868 (32"x80") FIBERGLASS IN-SWING DOOR
 - W1** — OPTIONAL (NONE SHOWN ON PRINT)
 - I** — DETAIL NUMBER
 - A.1** — SHEET DETAIL IS LOCATED
 - 1** — SECTION NUMBER
 - A** — SHEET SECTION IS LOCATED

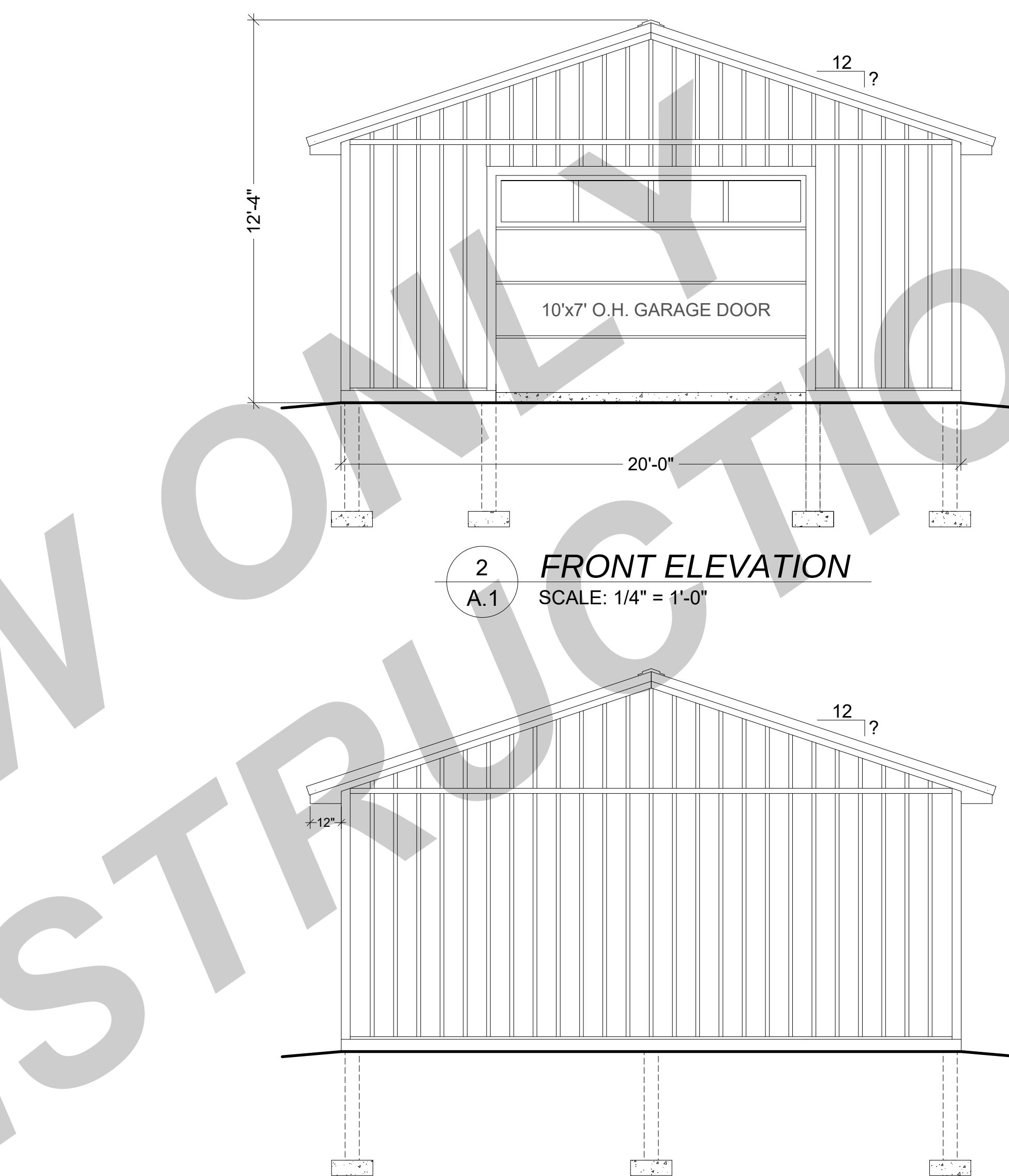
BEFORE USING THIS PLAN:

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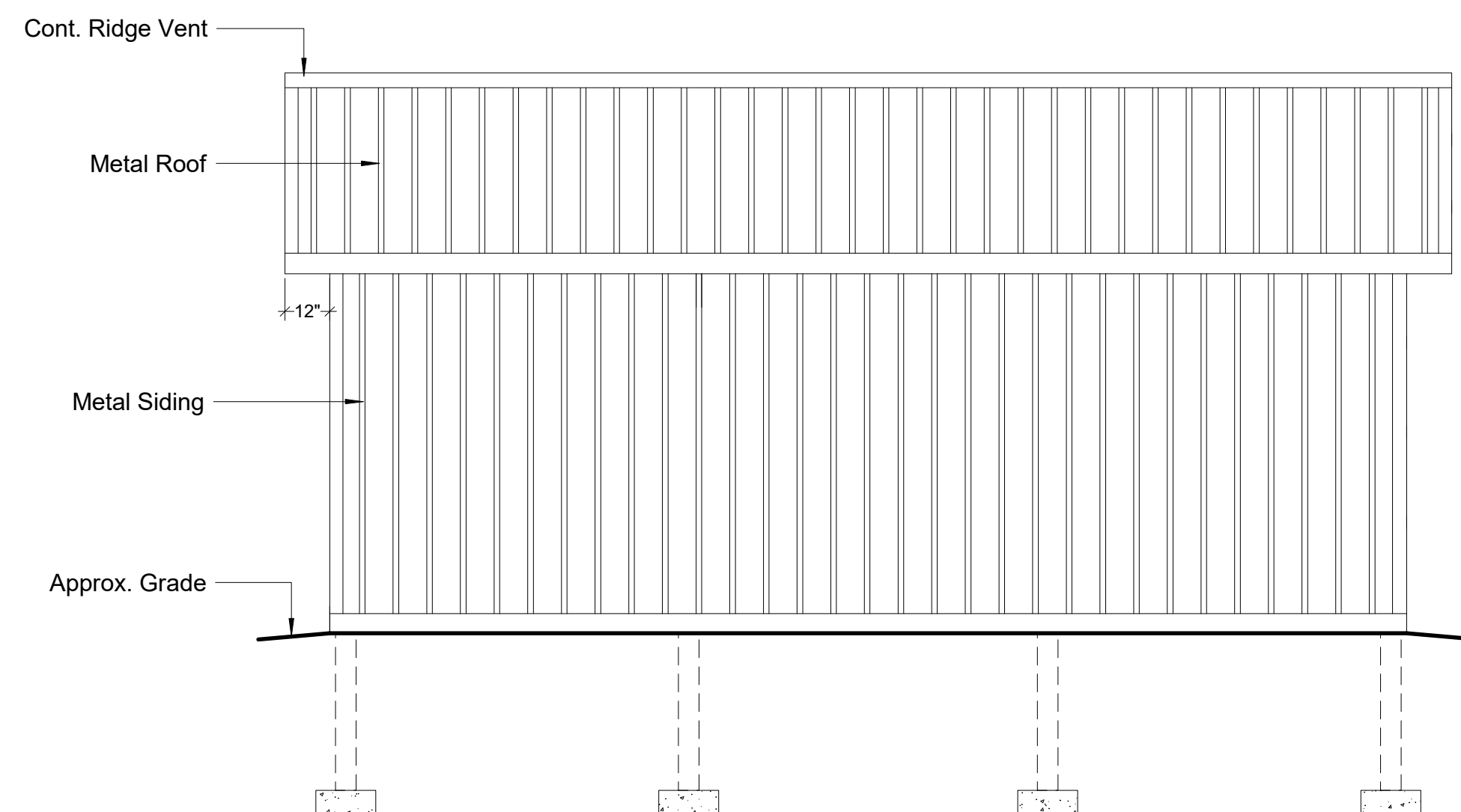


1
A.1

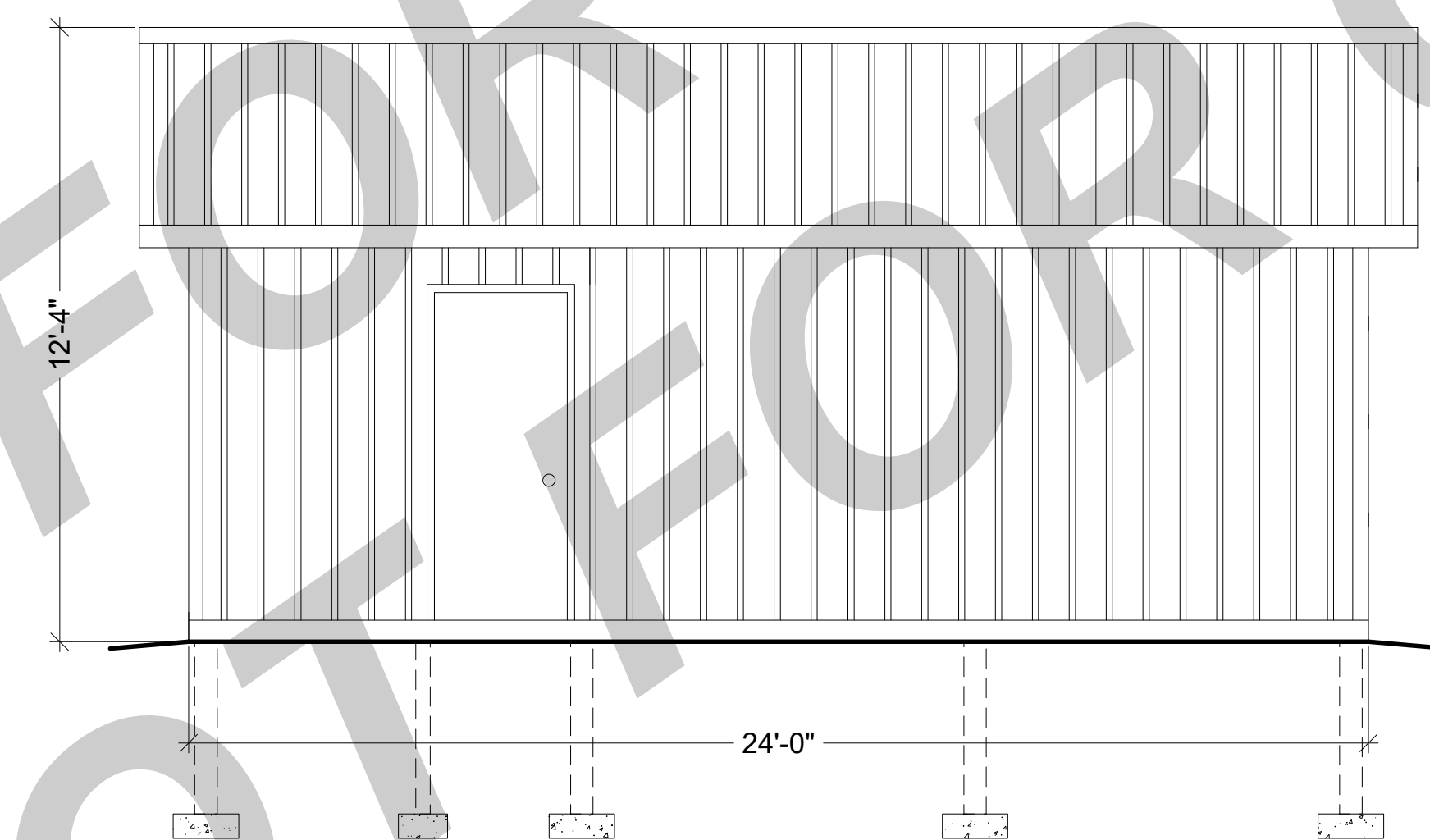
FLOOR PLAN
SCALE: 3/8" = 1'-0"



3 *REAR ELEVATION*
A.1 SCALE: 1/4" = 1'-0"



5
A.1 **LEFT ELEVATION**
SCALE: 1/4" = 1'-0"



4
A.1 **RIGHT ELEVATION**
SCALE: 1/4" = 1'-0"

FILE INFO.

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NOTES ON COPYRIGHT

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20' x 24' x 8' POLE BUILDING
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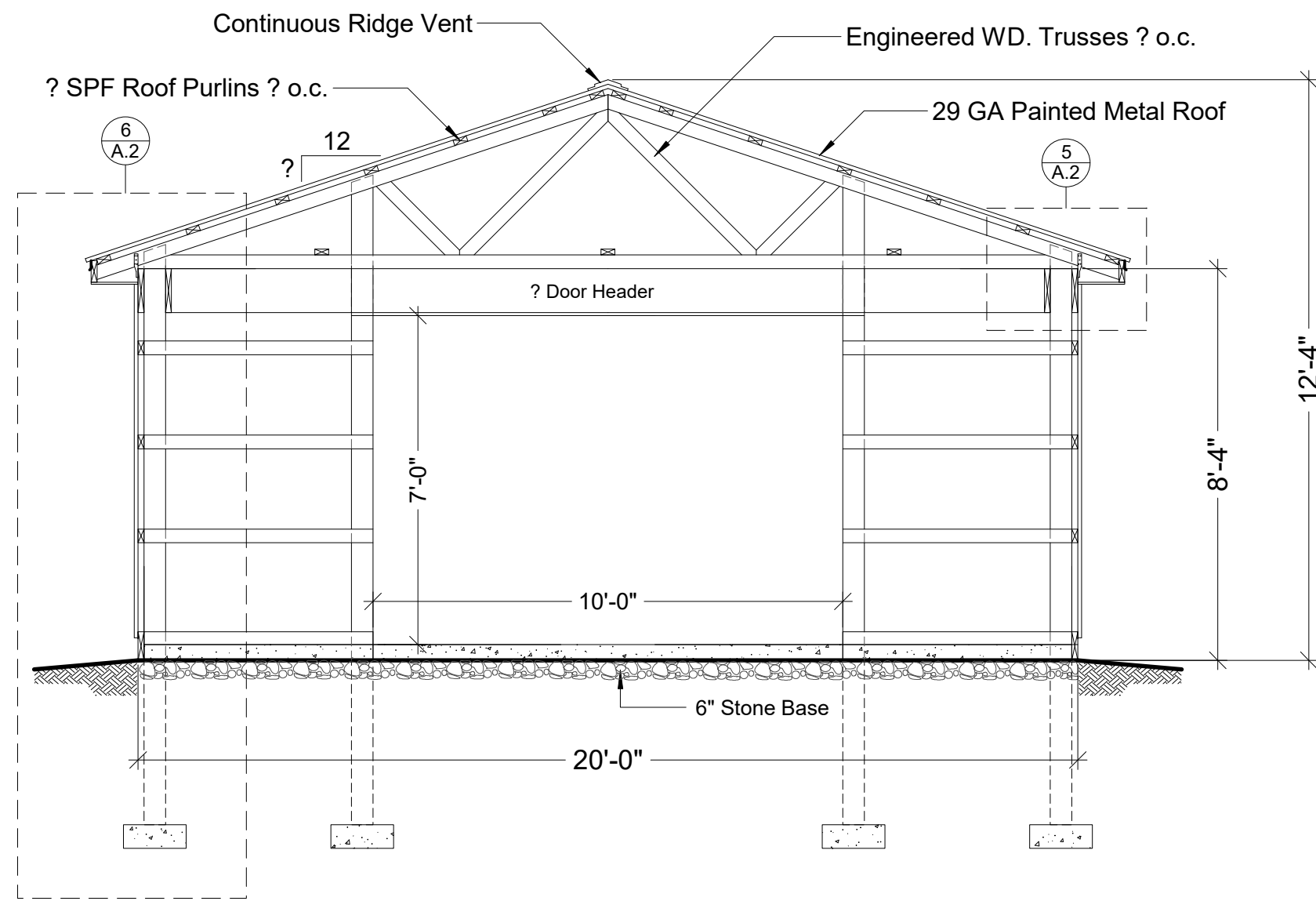
DATE _____

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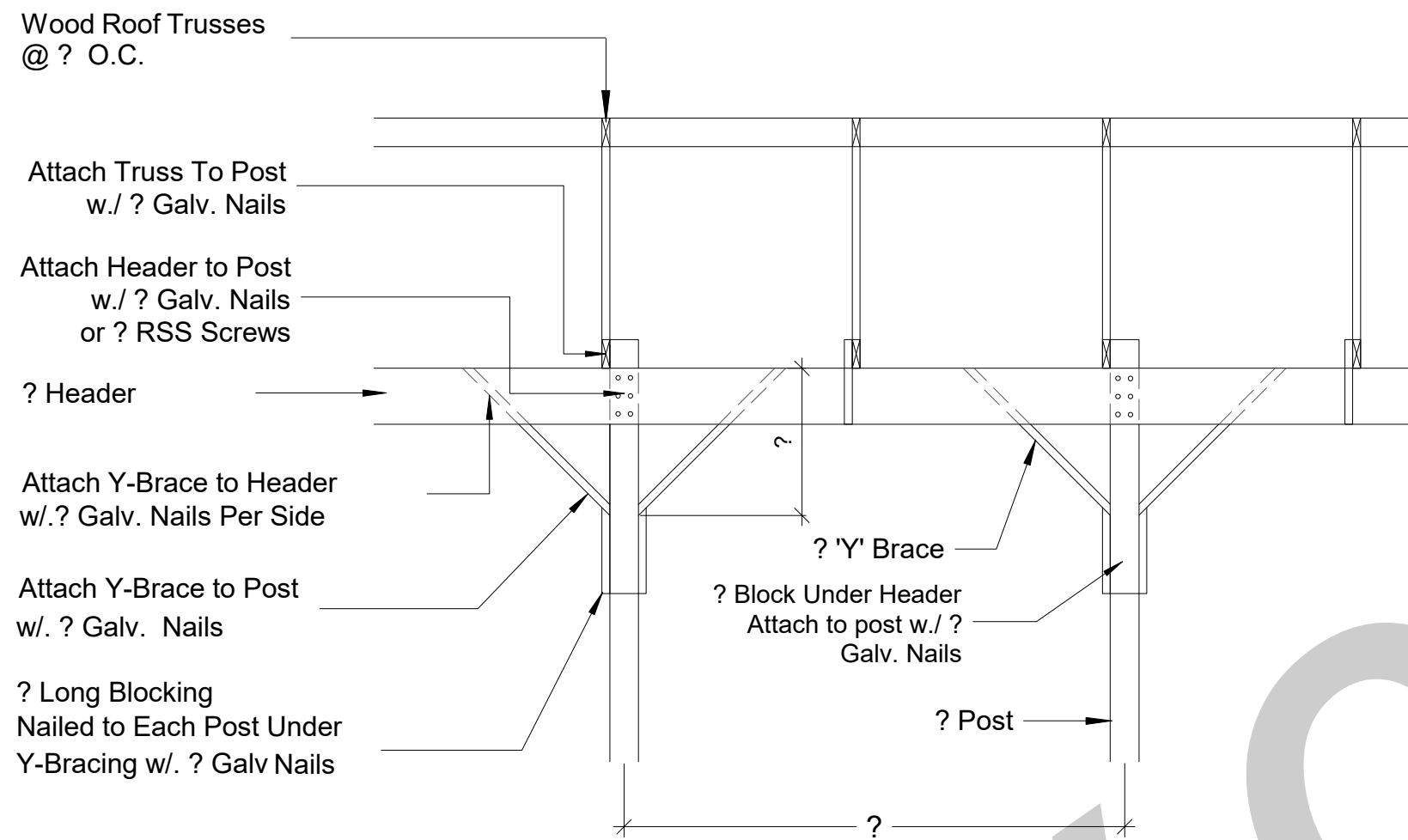
FLOOR PLAN
EXTERIOR ELEVATIONS

SHEET NO

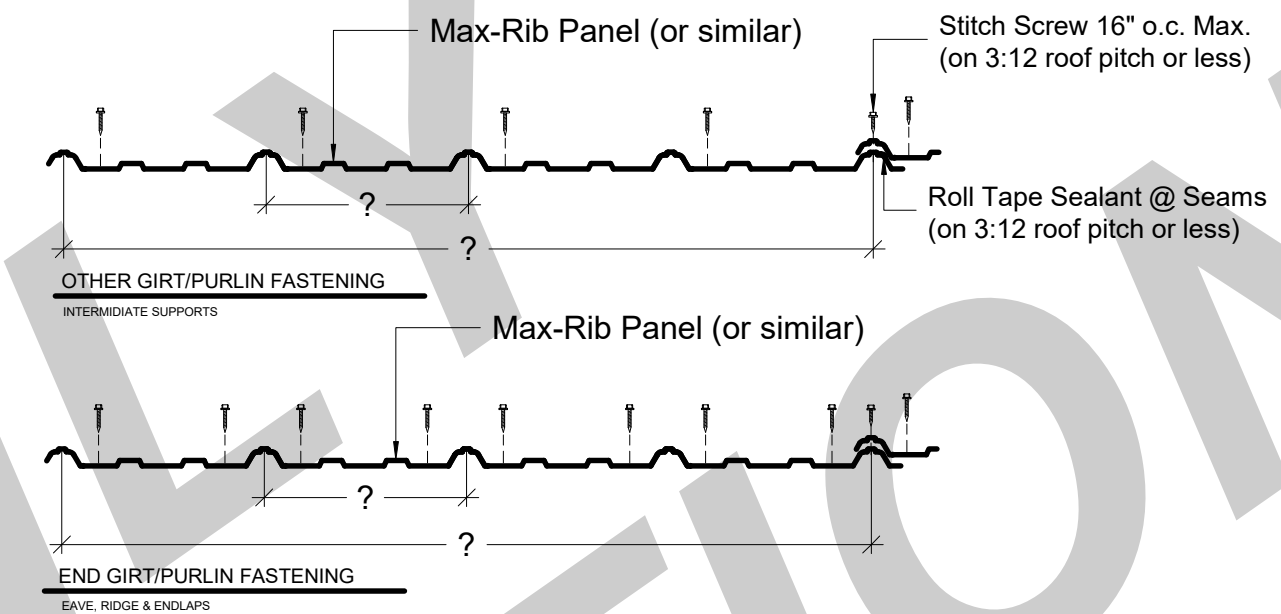
A.1



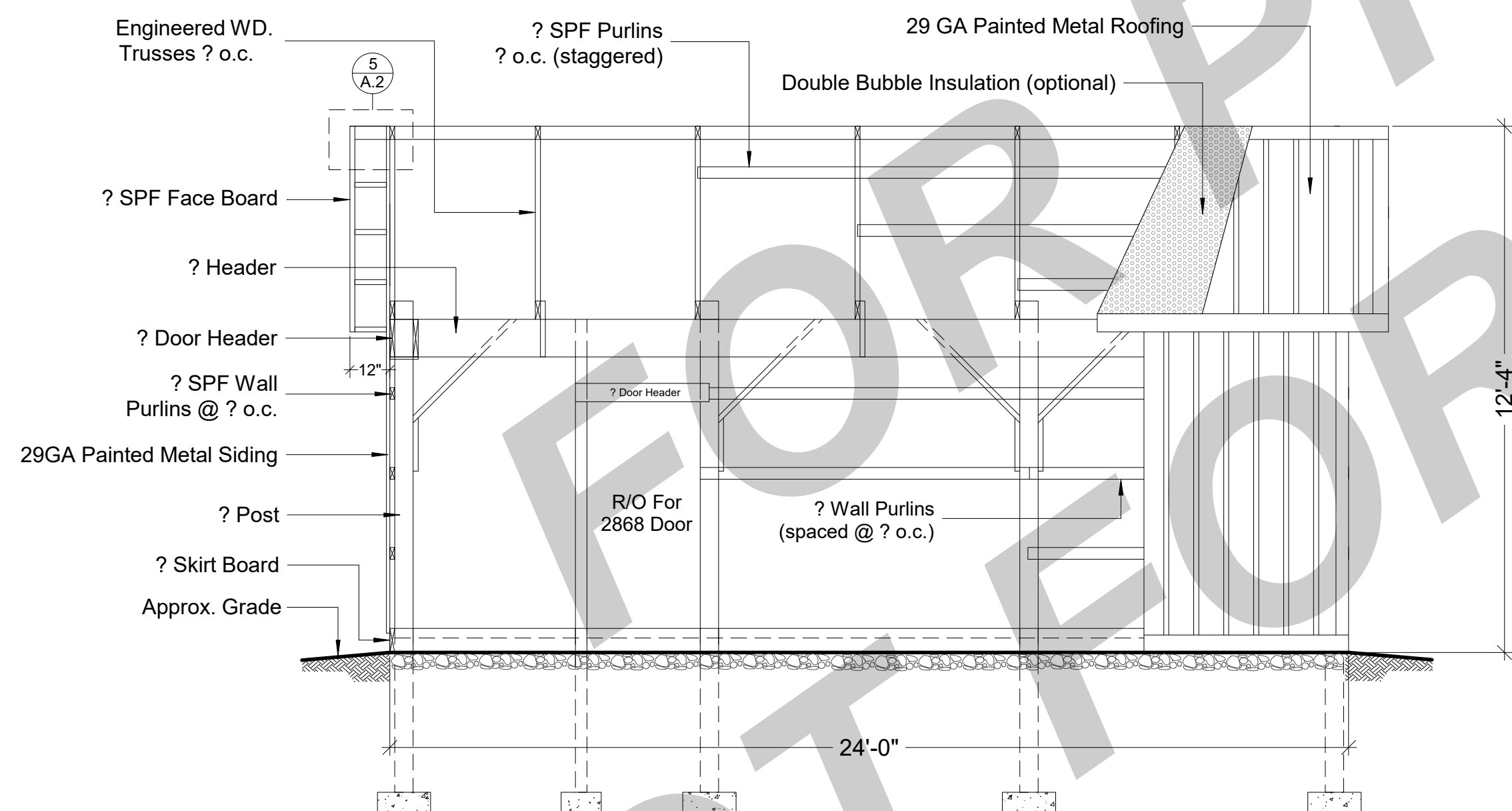
1 BUILDING SECTION
SCALE: 5/16" = 1'-0"



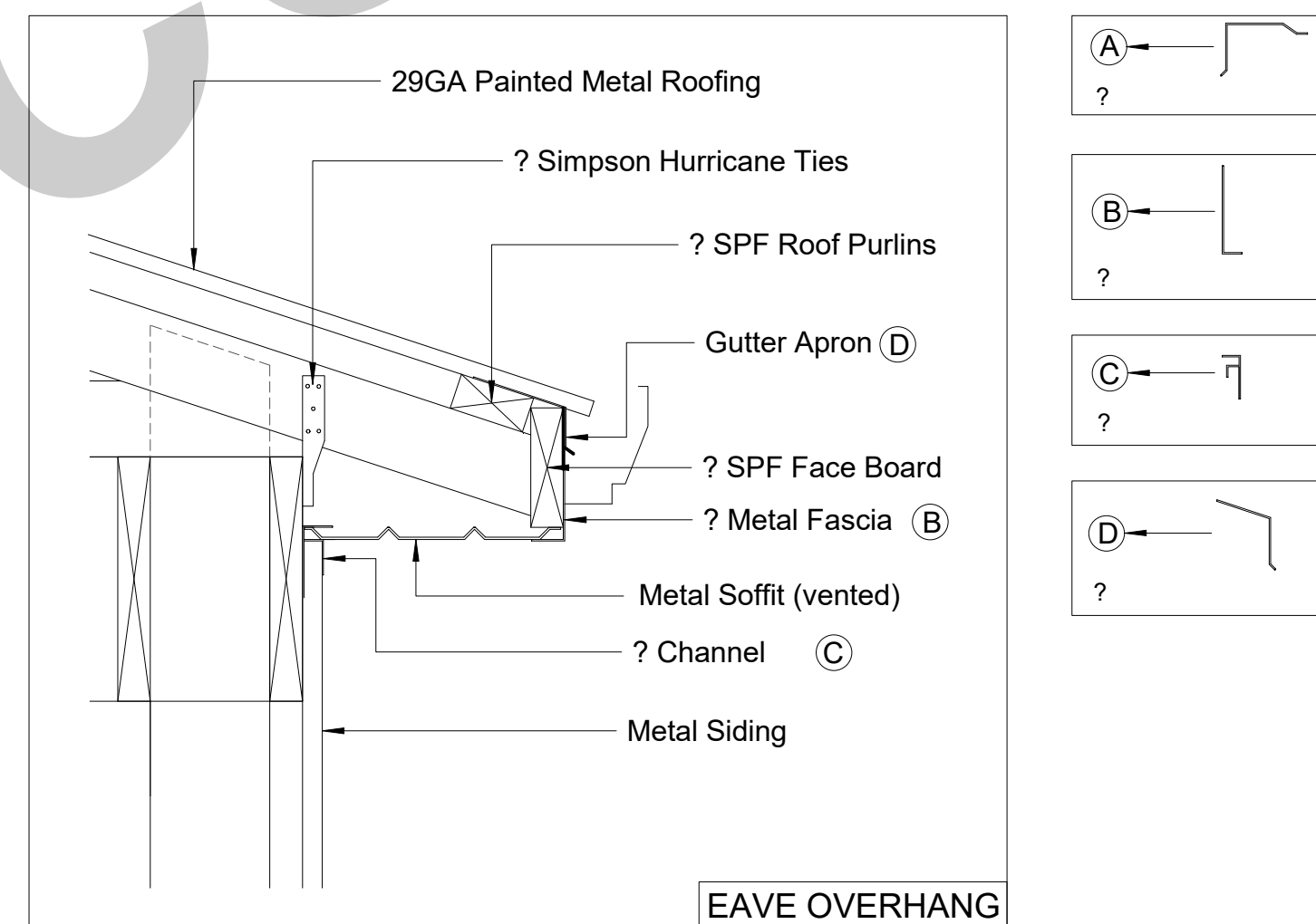
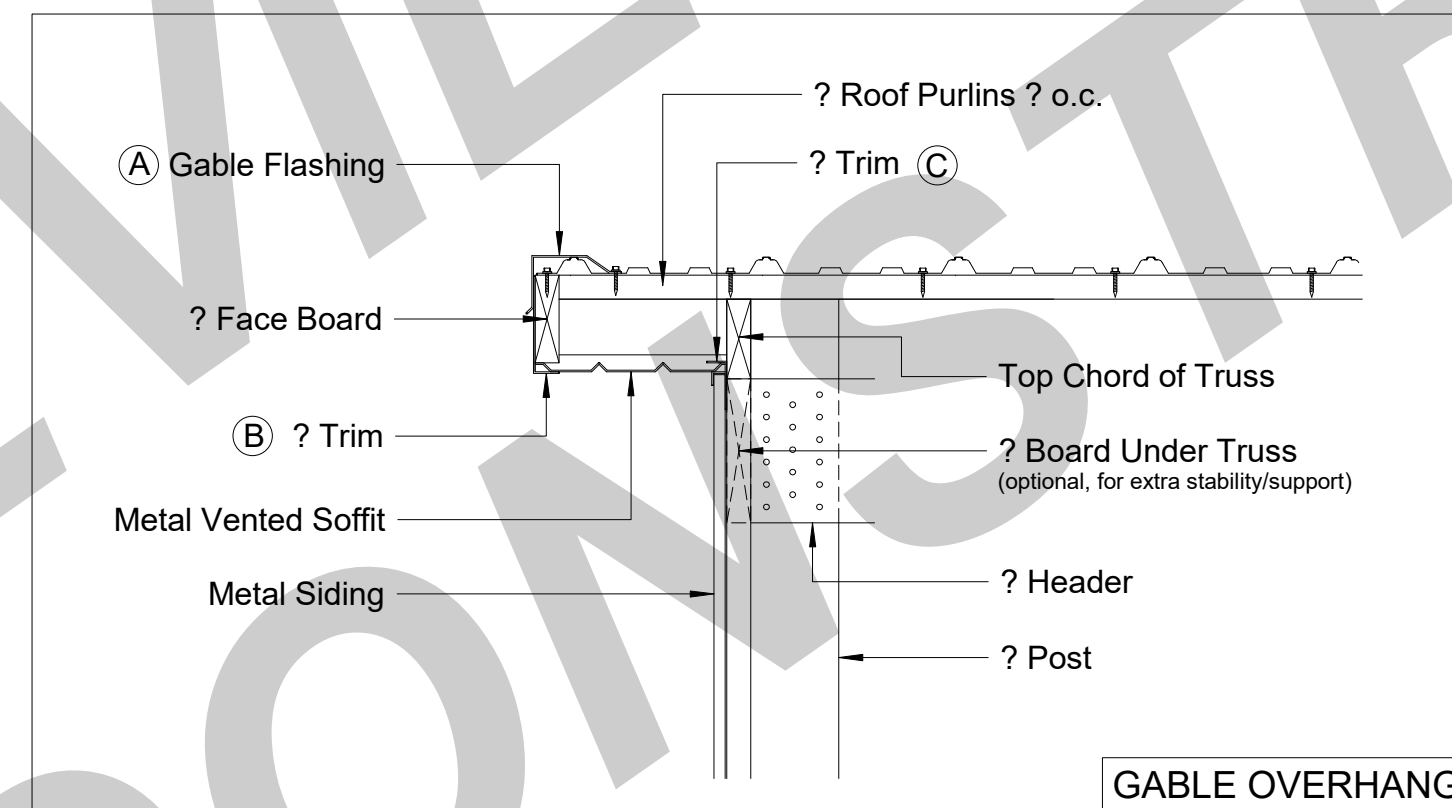
2 TYP. 'Y' BRACE DTL.
SCALE: 3/8" = 1'-0"



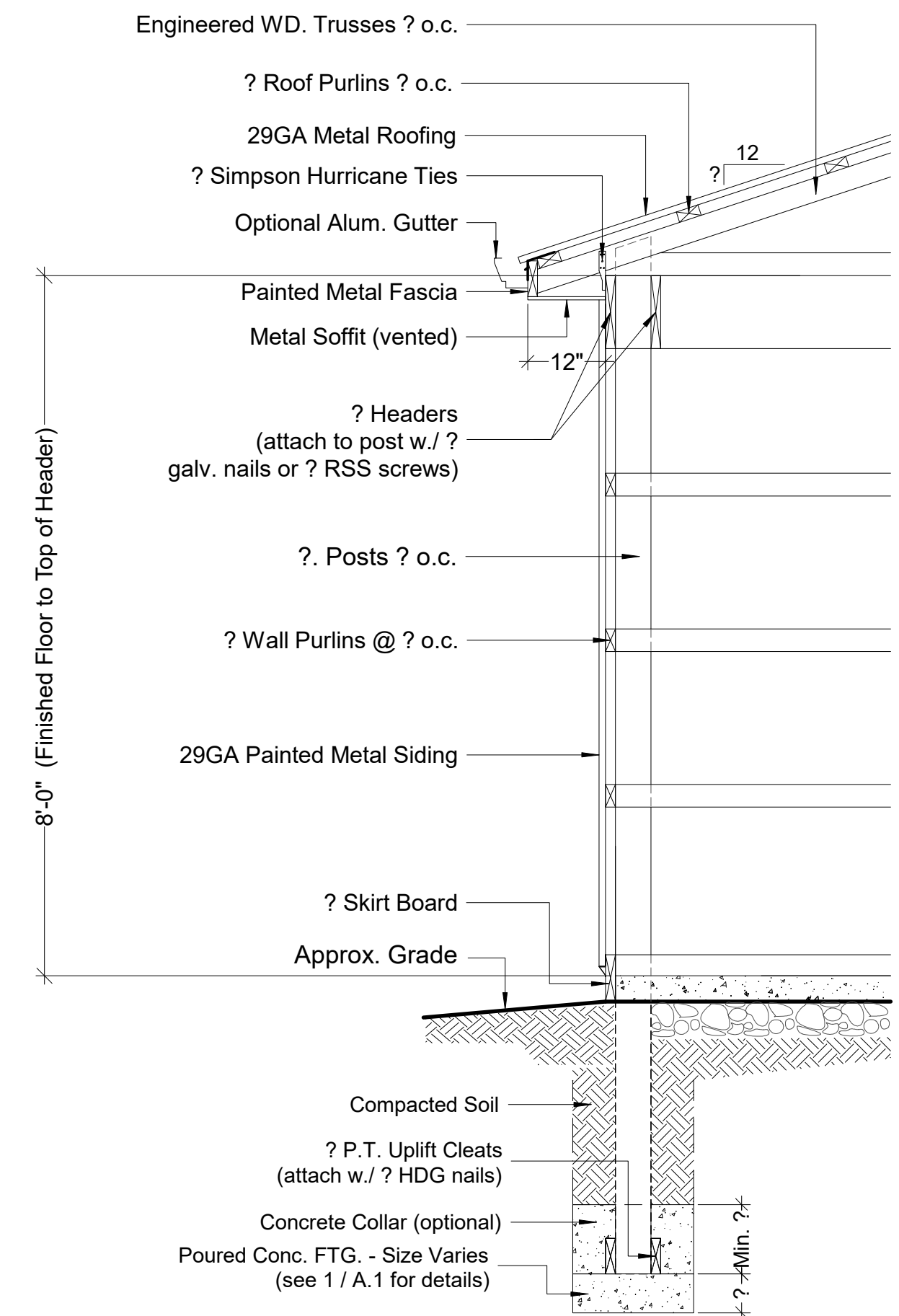
3 TYP. FRMG. & STITCH FASTENER PATTERNS
USE ROLL TAPE & STITCH SCREWS ON 3:12 PITCH OR LESS



4 BUILDING SECTION
SCALE: 5/16" = 1'-0"



5 OVERHANG DETAILS
SCALE: 1" = 1'-0"



6 WALL SECTION
SCALE: 9/16" = 1'-0"

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WALL SECTION
Y-BRACE DETAIL
METAL DETAIL
OVERHANG DETAIL
BUILDING SECTIONS

SHEET NO.

A.2

ATTENTION:

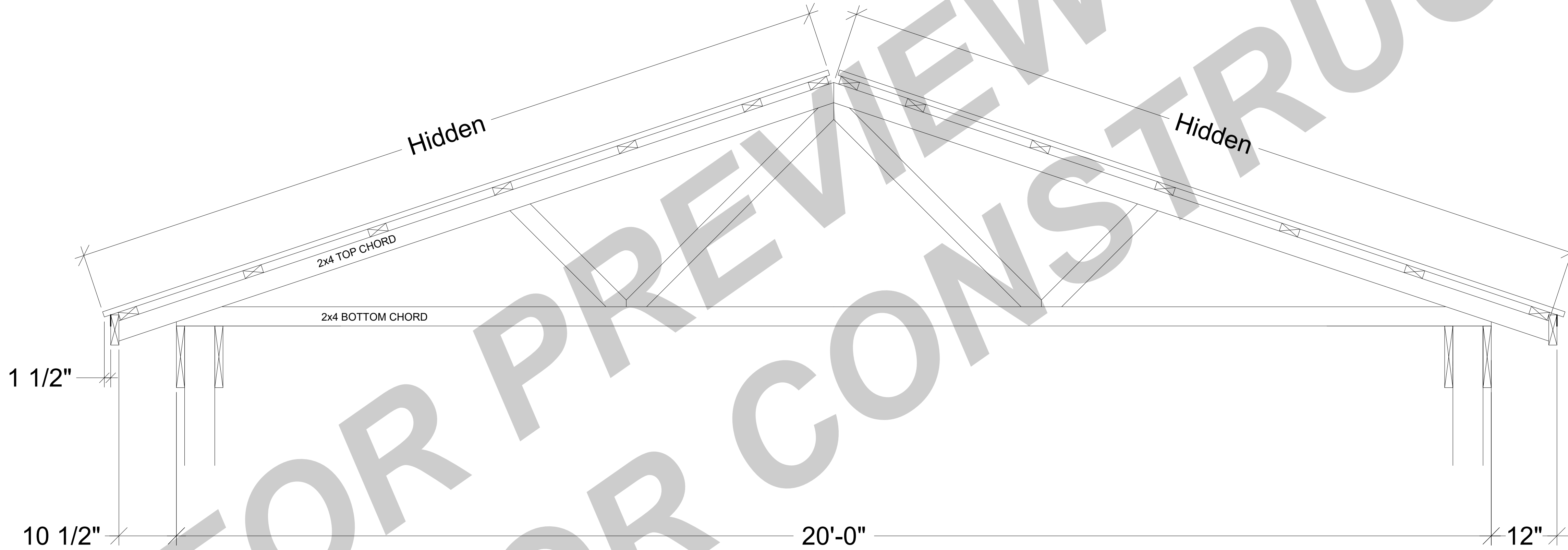
METAL ROOFING SIZE MUST BE CONFIRMED BY CONTRACTOR / BUILDER BEFORE CONSTRUCTION. SIZE IS GIVEN AS A COURTESY AND 100% ACCURACY CAN NOT BE GUARANTEED.

EXACT DIMENSIONS OF METAL WILL DEPEND ON MANY FACTORS, SUCH AS EXACT SIZE OF TRUSS BUILT BY TRUSS MANUFACTURER, SIZE OF OVERHANGS AND IF RIDGE IS VENTED.

KEYSTONE BARN SUPPLY LLC WILL NOT BE RESPONSIBLE FOR INCORRECT DIMENSIONS SHOWN ON THIS PRINT. ALL DIMENSIONS MUST BE CONFIRMED WITH BUILDER.

THIS IS AN ARCHITECTURAL PLAN, NOT CONSTRUCTION PLAN. BUILDER SHALL BE FULLY RESPONSIBLE TO REVIEW PLANS AND TO PROPERLY CONSTRUCT THE BUILDING. PLEASE DO NOT RELY ON THIS PLAN FOR 100% ACCURACY SINCE THIS PLAN IS NOT INTENDED TO BE A CONSTRUCTION PLAN.

ORDER TRUSSES TO COMPLY WITH LOCAL CODES AND REQUEST TRUSS PRINT FROM TRUSS MANUFACTURER TO CONFIRM METAL DIMENSIONS AND TO SUBMIT TO YOUR MUNICIPALITY WHEN APPLYING FOR BUILDING PERMIT



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TRUSS / METAL
DIMENSIONS

SHEET NO.

A.3