

MATERIAL LIST FOR 30'x40'x12' POLE BUILDING*

ALL QUANTITIES ARE HIDDEN

FOUNDATION
 CRETE FOOTERS
 #80 SACRETE (2 PER HOLE) - OPTIONAL
 (FOR UPLIFT CLEATS)
 *CONFIRM ALL FOOTING SIZES WITH LOCAL ENGINEER OR CODE OFFICIAL
 ON SOFTER GROUND, BIGGER FOOTINGS MIGHT NEED TO BE USED

MATERIALS

ROOFING

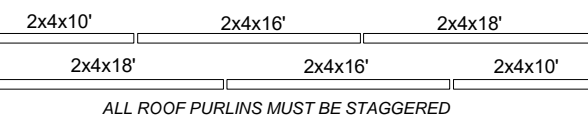
- 1. SPLASH BOARDS
- 1. SPLASH BOARDS

- 1x16" POST (SIDE ENTRY DOOR)
- 1x18" POSTS (MAIN SUPPORTING ON EAVES)
- 2x20" POSTS (GABLES)
- 1. SUBSTITUTE FOR REGULAR 6x6 P.T. POSTS OR 3-PLY 2x6 GLU-LAM POSTS

- 1. SYP (O.H. DOOR HEADERS)
- 1. SYP (MAIN TRUSS SUPPORTING HEADERS, DOOR SIDE)
- 1. SYP (MAIN TRUSS SUPPORTING HEADERS, EAVES)
- 1. SYP (BACK SUPPORT BOARD, UNDER TRUSS) - OPTIONAL

TRIM, BRACES, ETC.

- 1. SPF (FOR 10'x10' O.H. DOOR HEADERS)
- 1. SPF (FACE BOARDS, Y-BRACES, BLOCKS, ETC.)
- 1. SPF (FACE BOARDS ON EAVES & GABLES)



- 2. SPF (ROOF PURLINS)
- 2. SPF (ROOF PURLINS)
- 2. SPF (ROOF PURLINS)

- 2. SPF (LATTERAL TRUSS BRACING)
- 2. SPF (WALL PURLINS, EAVES)
- 2. SPF (WALL PURLINS, GABLES)
- 2. SPF (EXTRA)

- 1/12 PITCH ENGINEERED TRUSSES (SPACED @ 48" O.C.)
- 1/12 PITCH GABLE TRUSSES
- 1. TO HAVE 10 1/2" OVERHANGS AND TO COMPLY WITH LOCAL CODES

ROOFING, SIDING & ACCESSORIES

- 1. 16'-11" LONG "ABM" PAINTED METAL (ROOF)
- 1. 12' LONG "ABM" PAINTED METAL (SIDING) - NOT EXACT SIZE
- 1. 6' LONG "ABM" PAINTED METAL (GABLES) - NOT EXACT SIZE
- 1. 24" LONG "ABM" PAINTED METAL (ABOVE O.H. DOORS) - NOT EXACT SIZE

NOTE: METALS MIGHT HAVE DIFFERENT NAMES & LENGTHS OF TRIMS
 martin.net/wp-content/uploads/2018/03/ABM-Panel-Color-and-Trim-Chart_rev.pdf
 CONFIRM ALL LENGTHS OF METAL WITH YOUR BUILDER.
 USER SHALL BE RESPONSIBLE FOR FIGURING OUT EXACT SIZES OF METAL TO ORDER.

- 1. VERSAL RIDGE CAP
- 1. APRON
- 1. FLASHING TRIM & CORNER TRIM
- 1. LE ANGLE
- 1. ANGLE
- 1. CHANNEL (SIDING / SOFFIT CONNECTION)
- 1. FASCIA TRIM (8" WIDE)
- 1. HEAD DOOR TRIM (ODcc)
- 1. TRIM 7-1/4" (JTCc725)
- 1. CHANNEL

- 1. UNVENTED SCREWS (FOR ROOF METAL)
- 1. UNVENTED SCREWS (FOR SIDING METAL)
- 1. UNVENTED SCREWS (FOR RIDGE CAP, ETC.)

- 1. UNVENTED VENTED CLOSURE STRIPS (RIDGE CAP)
- 1. UNVENTED SOLID CLOSURE STRIPS (EAVES)

INSULATION

- 1. 4'x125' DOUBLE BUBBLE REFLECTIVE INSULATION (OPTIONAL)

- 1. 1. FIBERGLASS LEFT-HINGED IN-SWING ENTRY DOOR
- 1. 1. INSULATED GARAGE DOORS WITH GLASS

1. WIND BRICANE TIES BY SIMPSON STRONG-TIE

- 1. UNVENTED VENTED SOFFIT (FOR EAVE OVERHANGS)
- 1. UNVENTED SOLID SOFFIT (FOR GABLE OVERHANGS)

1. 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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30' x 40' x 12' POLE BUILDING FOR

SEAL

PROJECT NO.

DRAWN BY

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REVISIONS

DATE

DRAWING TITLE

BARN IMAGE DISCLAIMER

30'x40'x12' POLE BUILDING

WITH

METAL SIDING, METAL ROOF, (2) 10'x10' GARAGE DOORS (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.

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GENERAL NOTES

1. PROVIDE EROSION PROTECTION AS REQ'D BY ALL GOVERNING AUTHORITIES.
2. PROVIDE P.T. WD. WHERE IN CONTACT W/ EPDM ROOFING, FLASHING WATERPROOFING, MASONRY, CONCRETE OR EARTH.
3. ALL WOOD FASTENERS, HANGERS, ETC. IN CONTACT W/ P.T. WD. TO RECEIVE MIN. 600 GALV. OR GREATER AS REQ'D BY FASTENER MFR. FOR TYPE OF P.T. CHEMICAL USED AND/OR ENVIRONMENT.
4. CONFORM TO ELECTRIC REQ'TS. OF NEC 2002 INCL. GFCI RECEPTS & GROUNDING OF CONC. SLABS ANIMAL USE AREAS.
5. LIGHTNING PROTECTION WILL BE INSTALLED COMPLYING W/ NFPA 780
6. FRAMING POSTS
4-PLY 2x6 GLUE-LAM MAIN POSTS
3-PLY 2x6 GLUE-LAM DOOR POST
NOTE: ALL MULTI-PLY BEAMS & COLUMNS ARE GLUE-LAMS, NOT MECH. FASTENED
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) - 1,344 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 REQ'TS.

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 A DRY 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 IBC 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. PROVIDING GUYS, BRACING & SHORING AS REQUIRED FOR ALL LOADING CONDITIONS THROUGHOUT CONSTRUCTION. CONTRACTOR IS NOT TO STORE MATERIALS IN EXCESS OF DESIGN LIVE LOADS WITHOUT APPROVAL OF ARCHITECTOR.

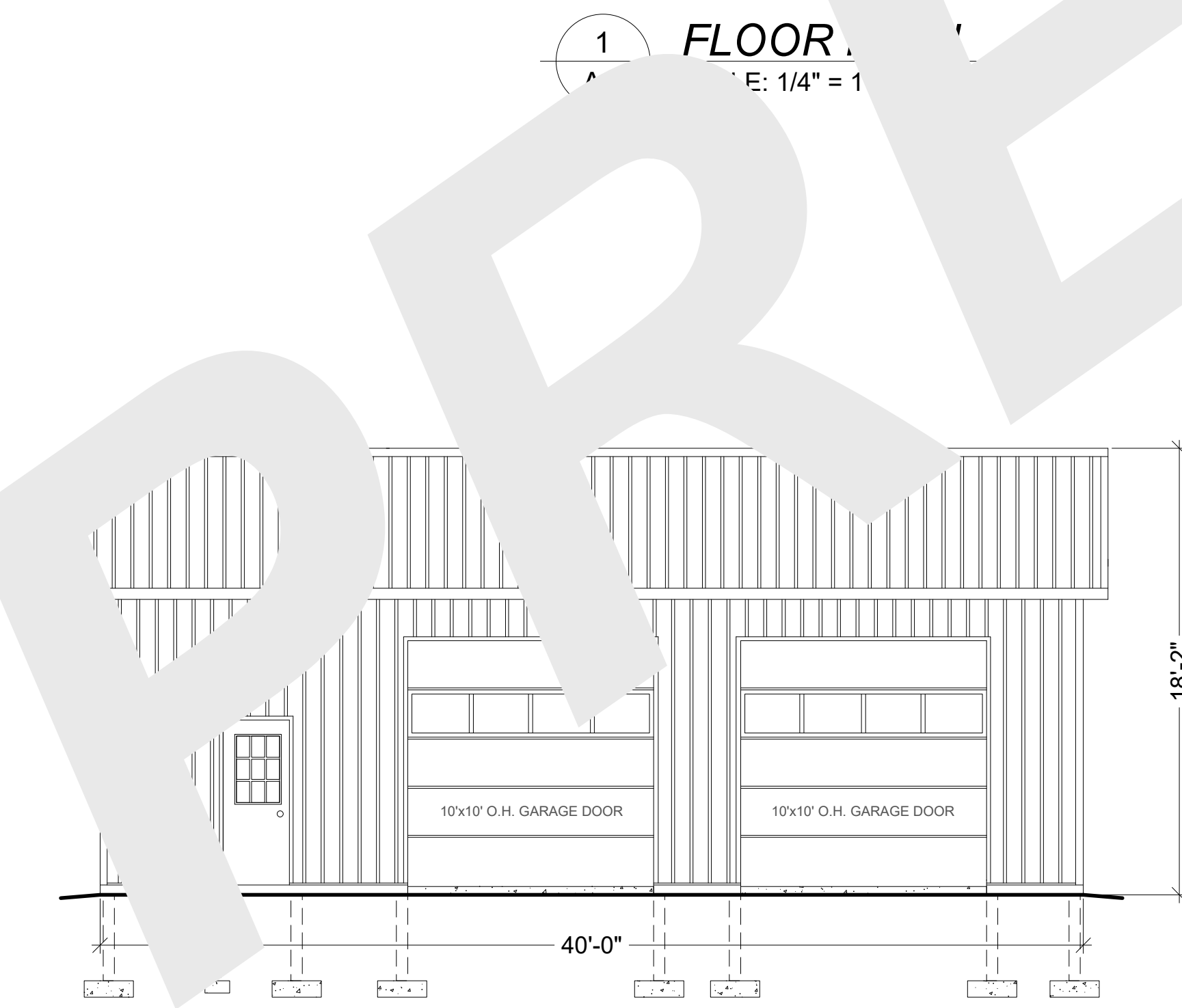
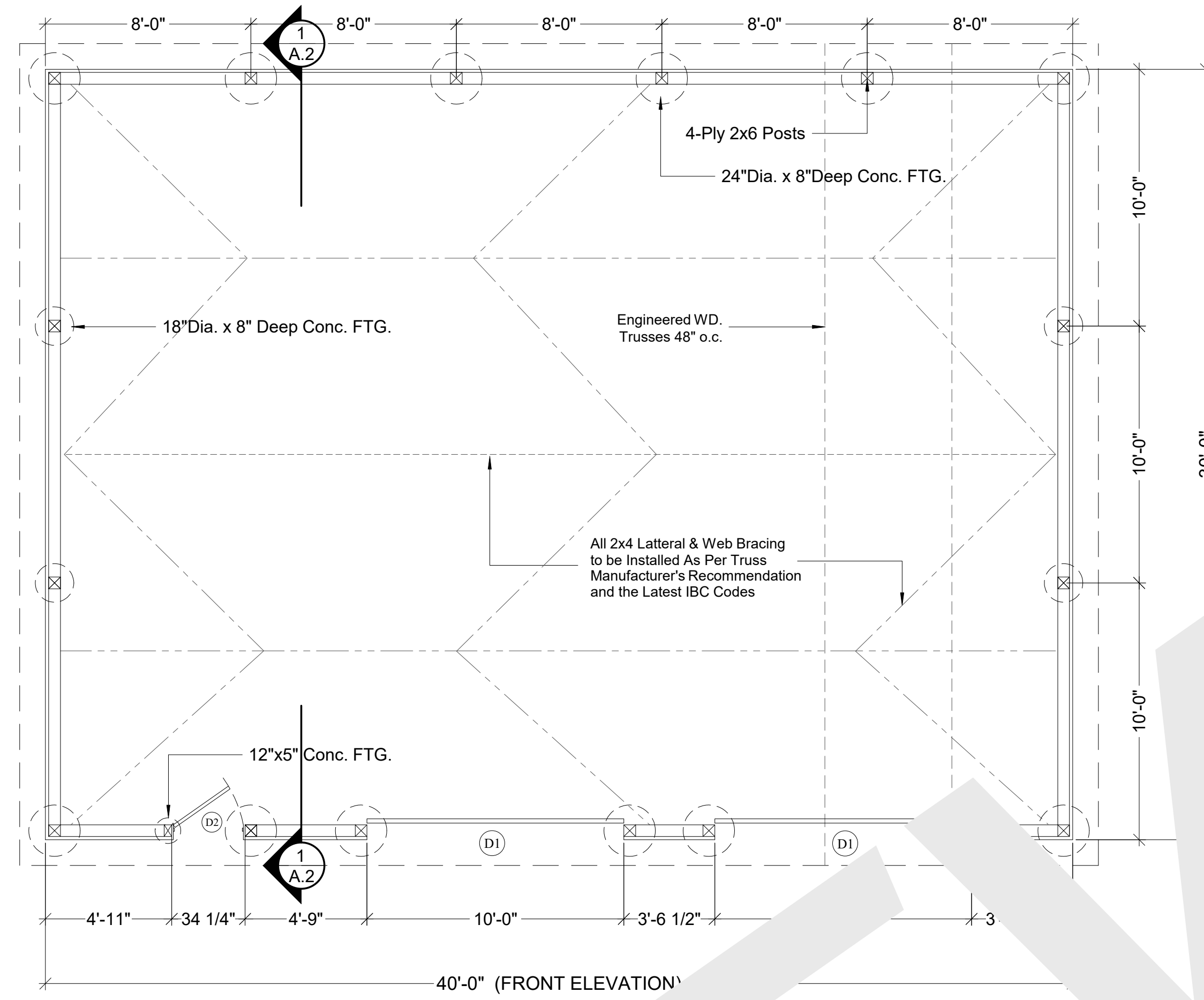
8. CONCRETE FLOOR SLAB-ON-GRADE TO INCLUDE CONTROL JOINTS A MAXIMUM OF 12' O.C. AND 1/4" OF THE SLAB THICKNESS. ALL TOPSOIL, ORGANICS AND CLAY TO BE REMOVED FROM FLOOR SLABS PRIOR TO CONCRETE OR FILL PLACEMENT. FILLS TO BE NON-EXPANSIVE GRANULAR SOIL. PLACED IN 6-8 INCH LIFTS AND COMPACTED TO 95% OF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

SYMBOL LEGEND

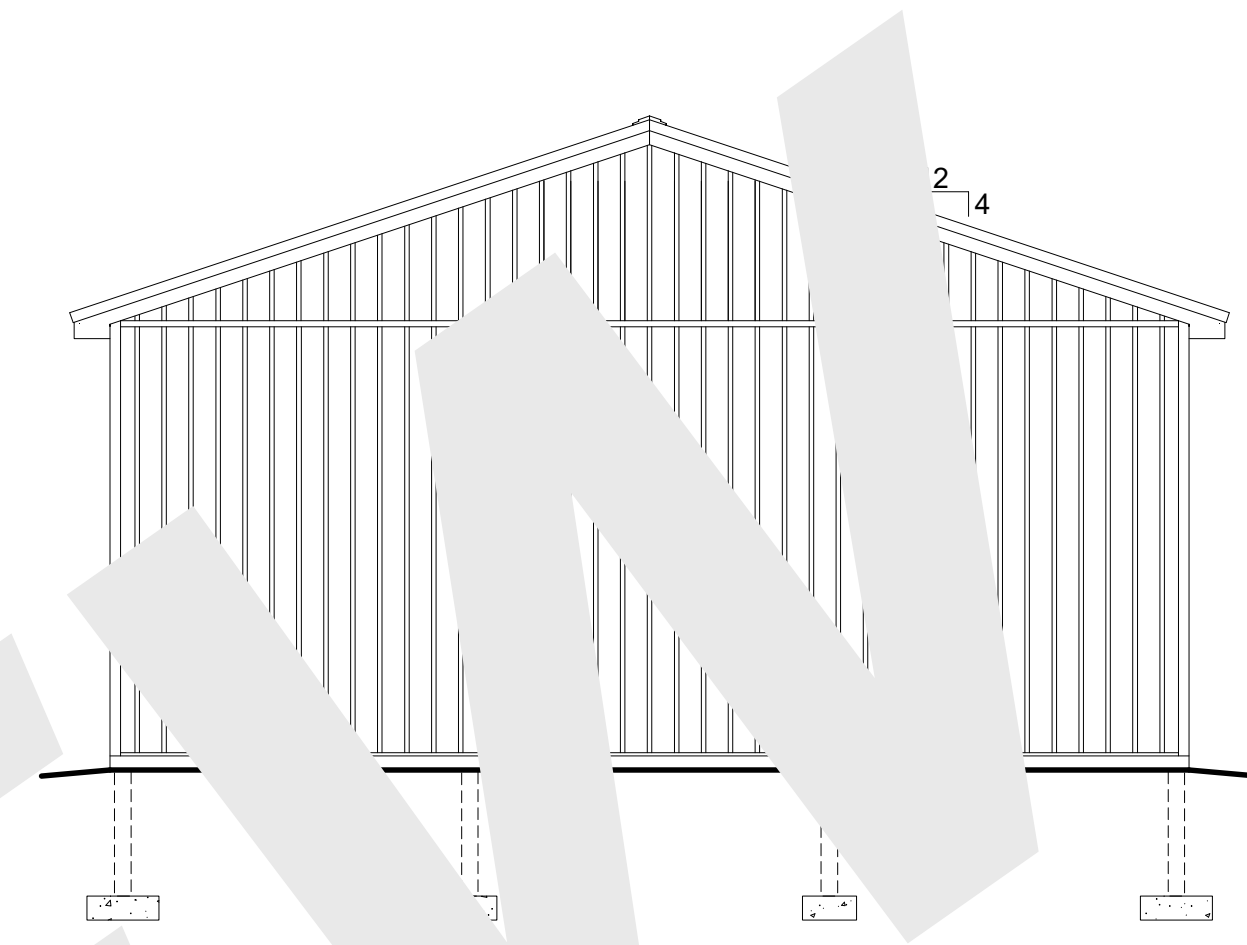
- D1 - 10'W x 10'H OVERHEAD GARAGE DOOR W/ GLASS
- D2 - 2868 (32"x80") 9-LITE FIBERGLASS IN-SWING DOOR
- W1 - OPTIONAL (NONE SHOWN ON PRINT)
- 1 - DETAIL NUMBER
- A.1 - SHEET DETAIL IS LOCATED
- 1 - SECTION NUMBER
- A.1 - SHEET SECTION IS LOCATED

BEFORE USING THIS PLAN:

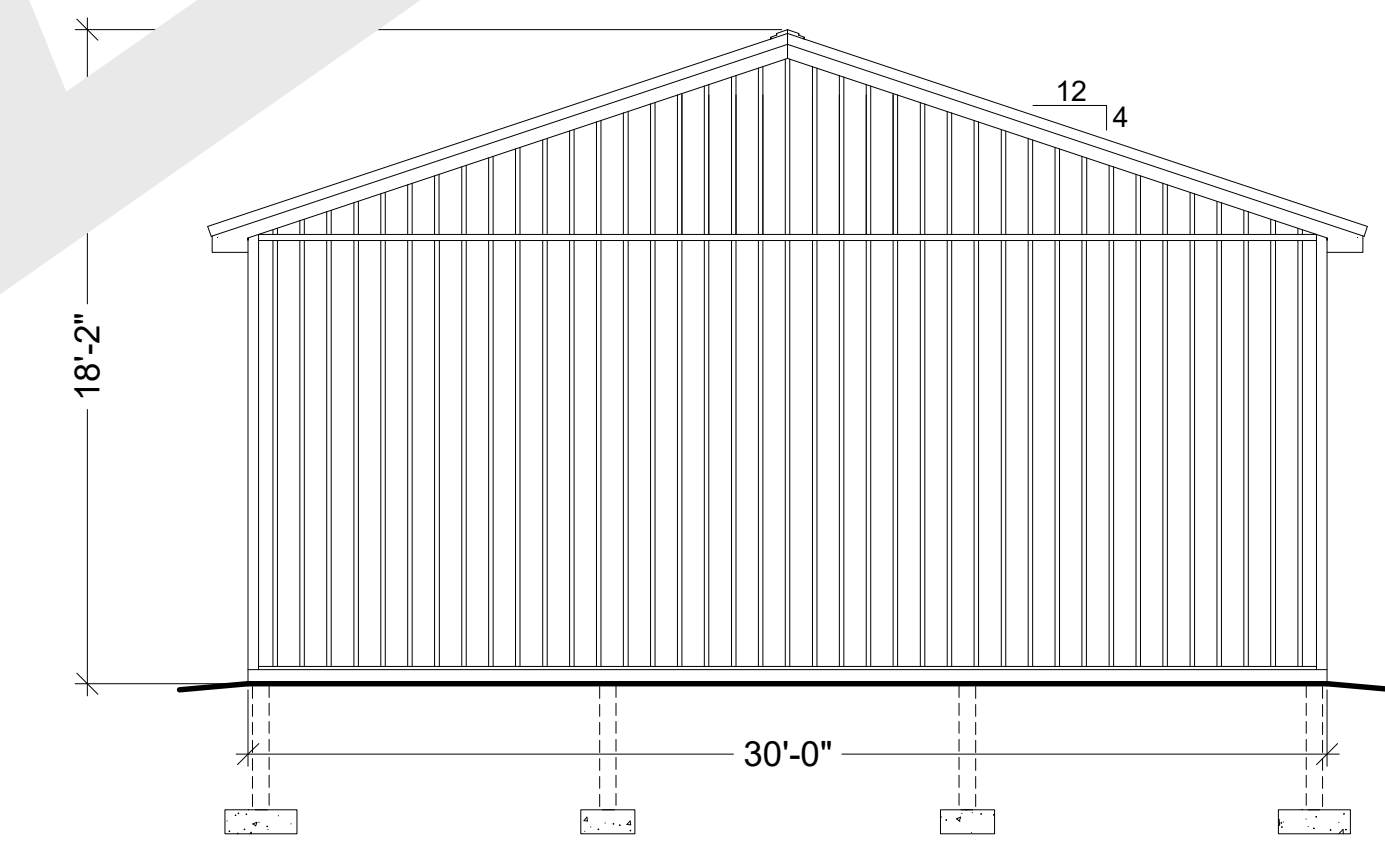
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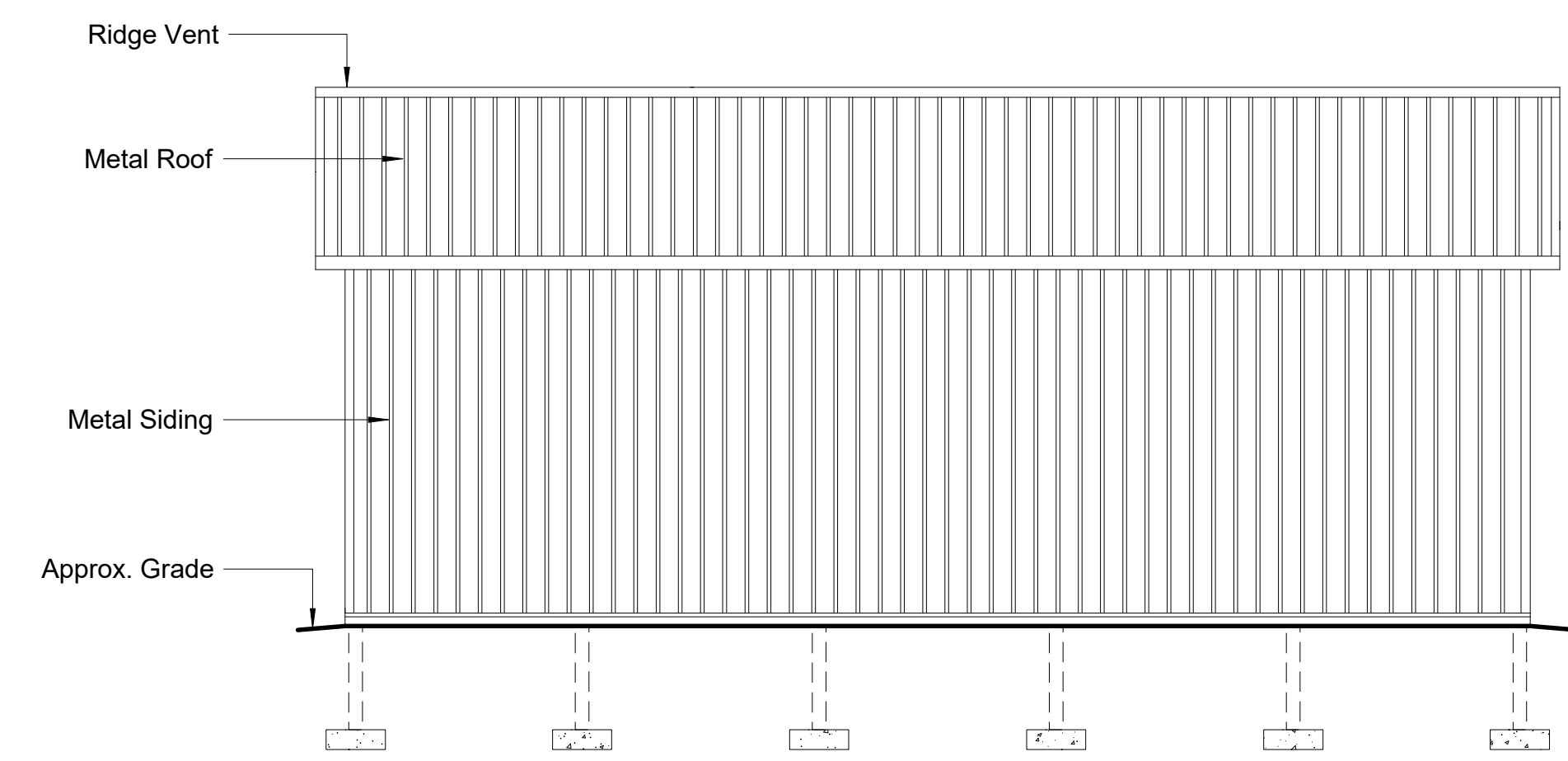
4 FRONT ELEVATION
SCALE: 3/16" = 1'-0"



2 REAR ELEVATION
SCALE: 3/16" = 1'-0"



3 LEFT ELEVATION
SCALE: 3/16" = 1'-0"



5 REAR ELEVATION
SCALE: 3/16" = 1'-0"

FILE INFO.

BUILDERS' INFORMATION

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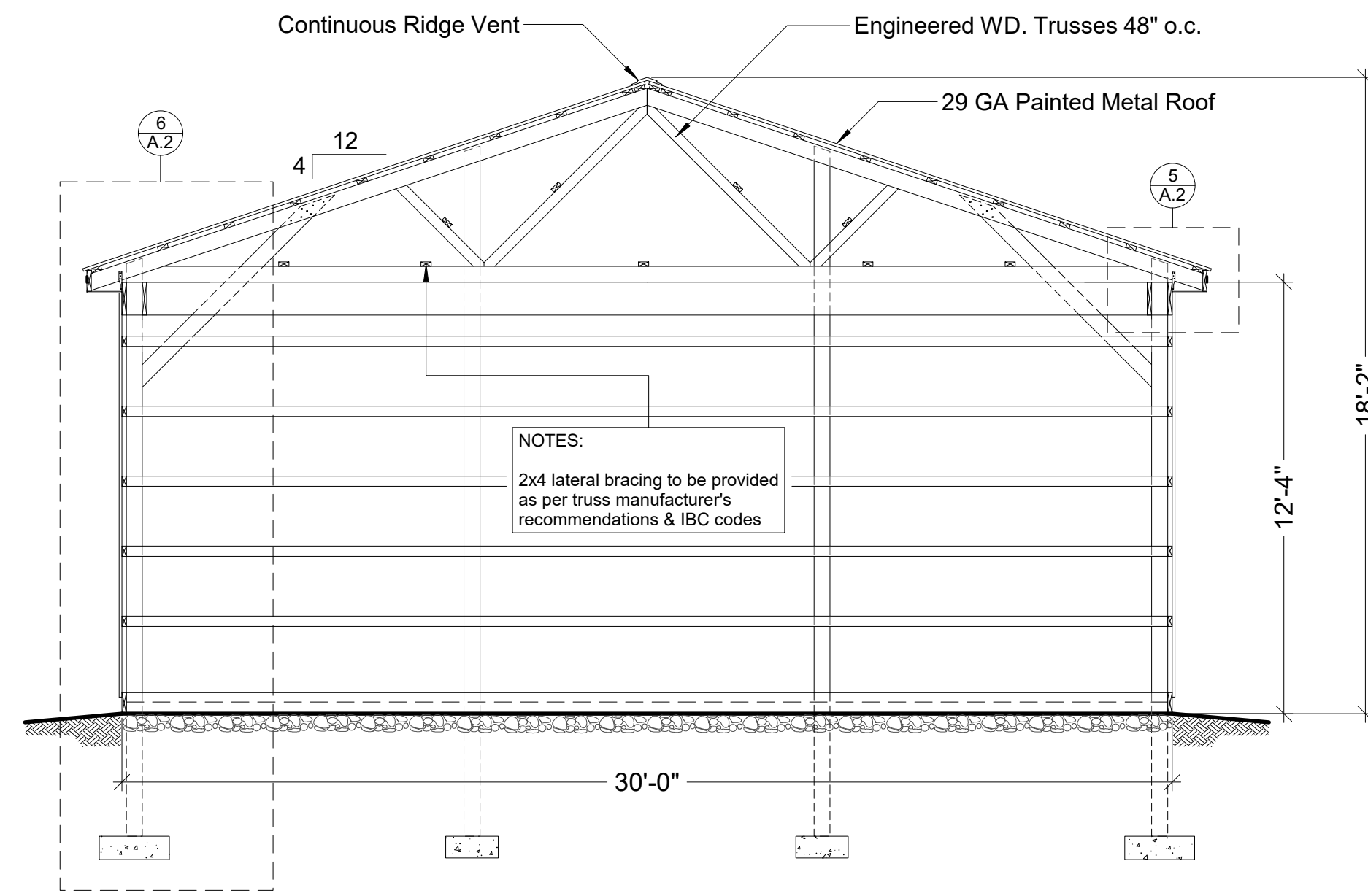
DRAWING TITLE

FLOOR PLAN
EXTERIOR ELEVATIONS

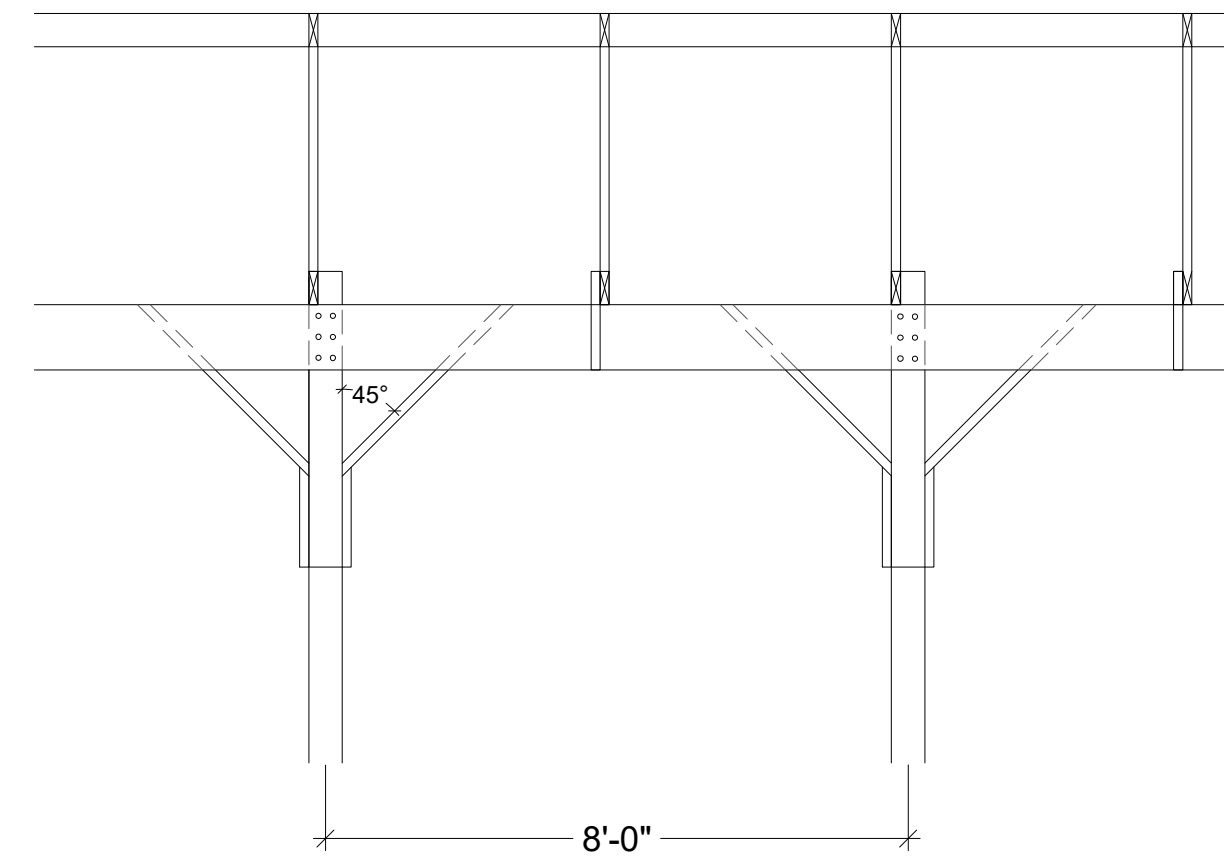
SHEET NO.

A.1

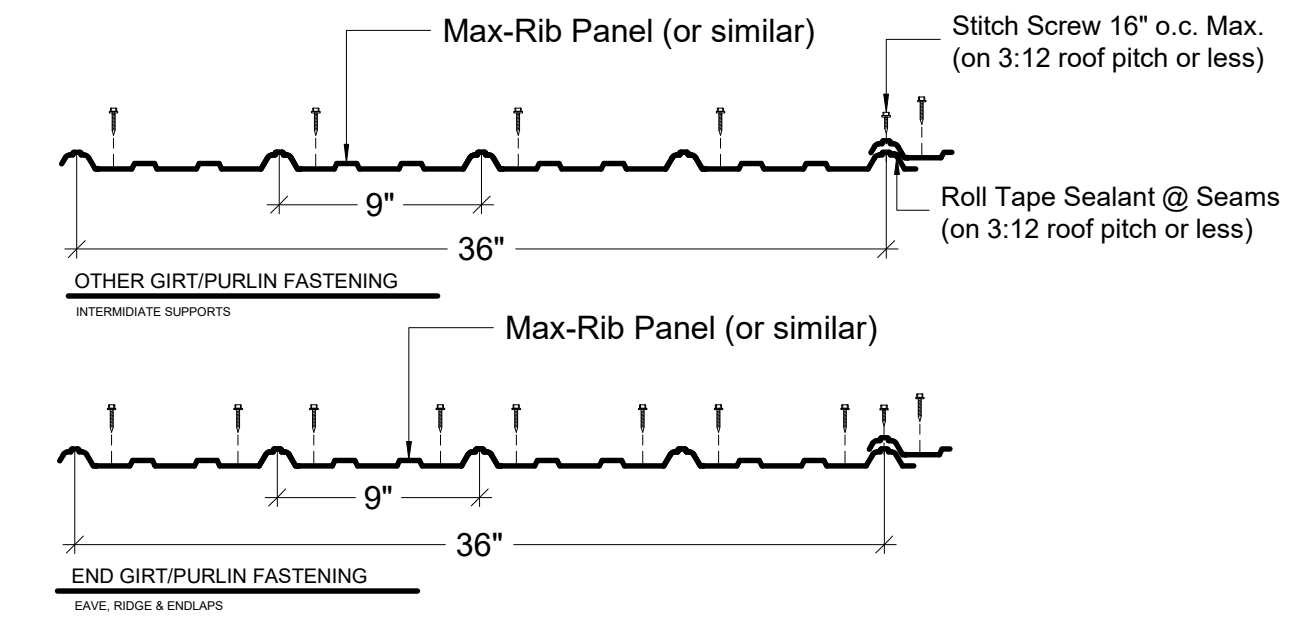
NOT FOR CONSTRUCTION



1 BUILDING SECTION
A.2 SCALE: 1/4" = 1'-0"

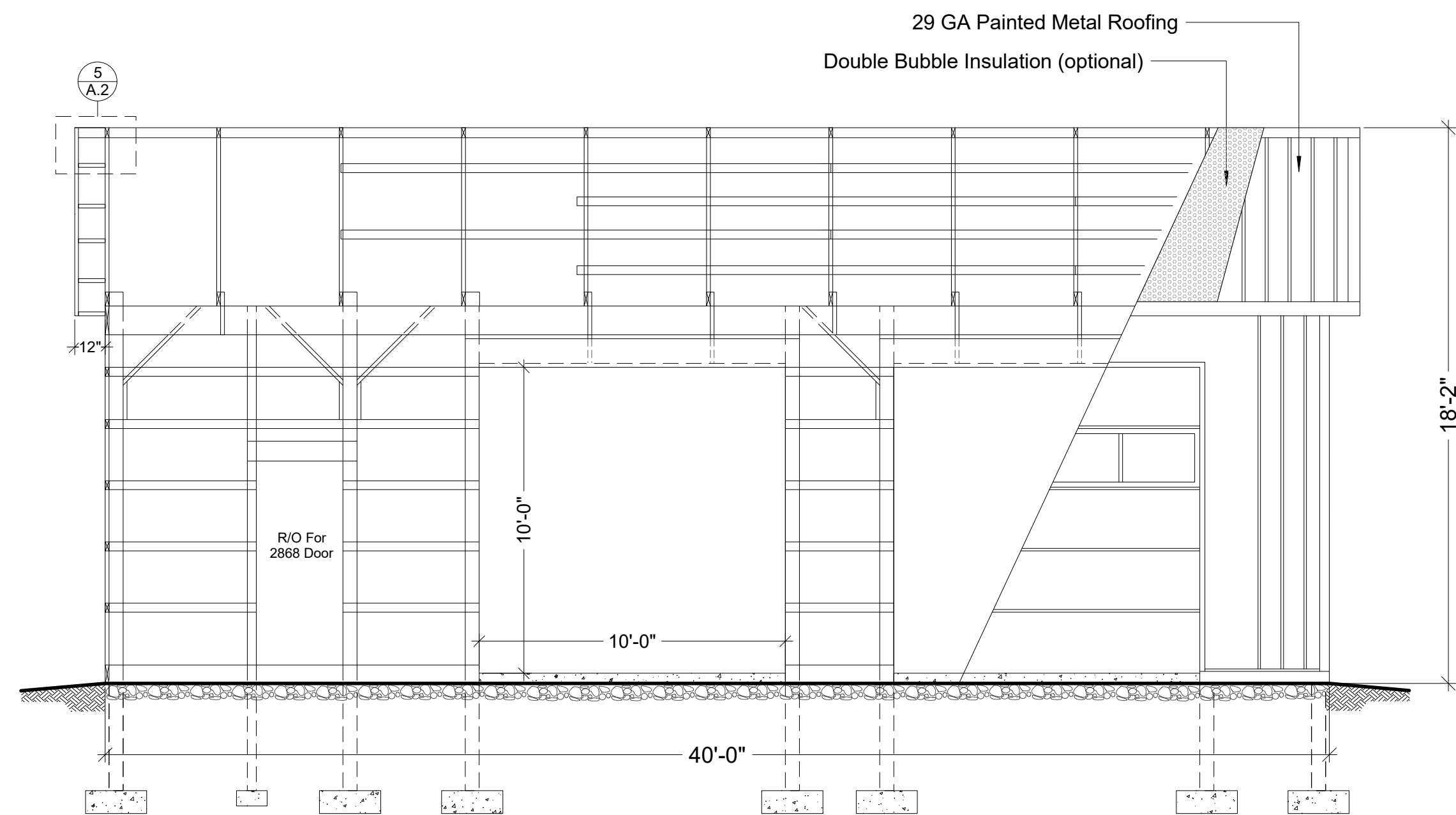


2 TYP. 'Y' BRACE DTL.
A.2 SCALE: 3/8" = 1'-0"

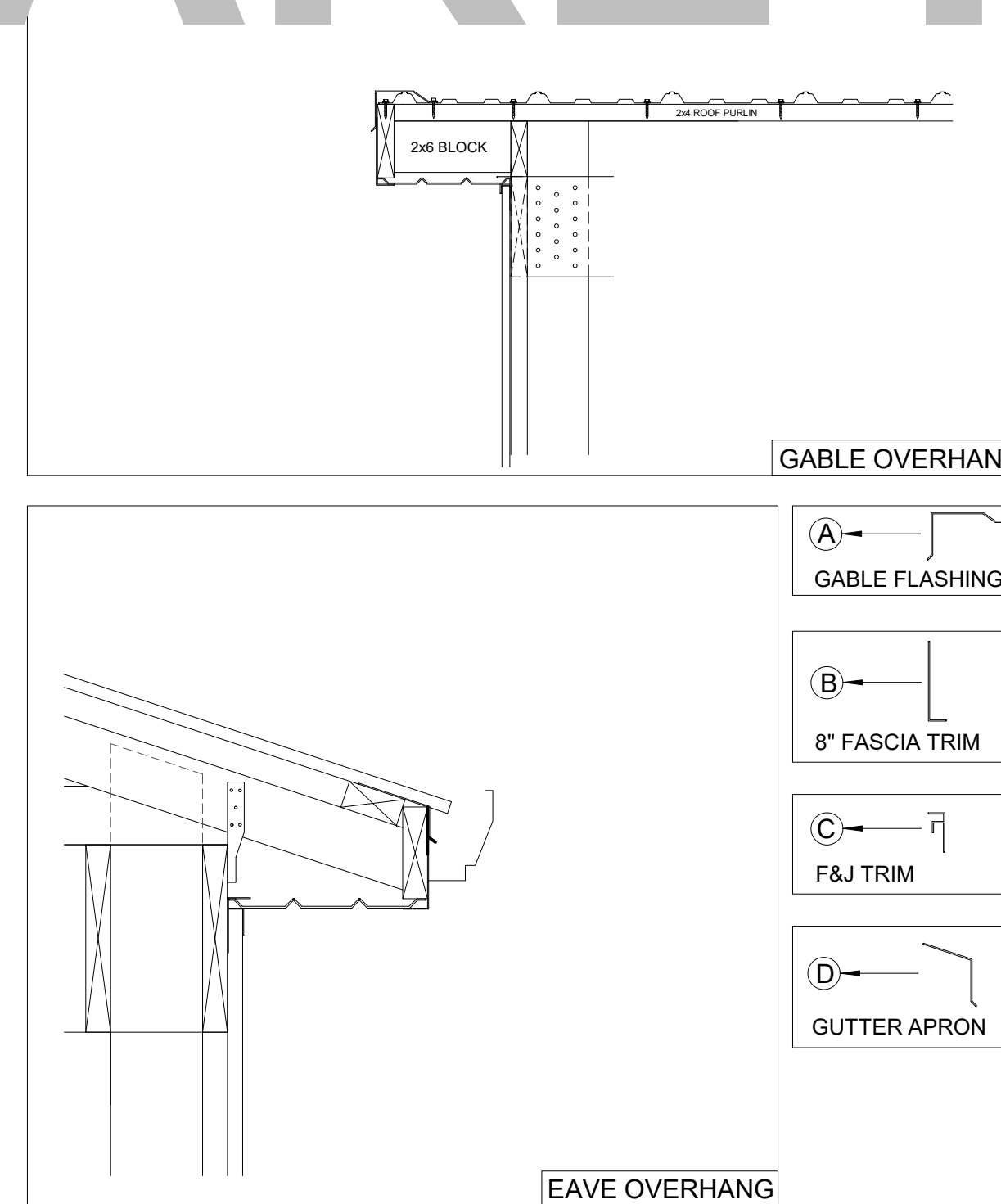


3 TYP. FRMG. & STITCH FASTENER PATTERNS
A.2 USE ROLL TAPE & STITCH SCREWS ON 3:12 PITCH OR LESS

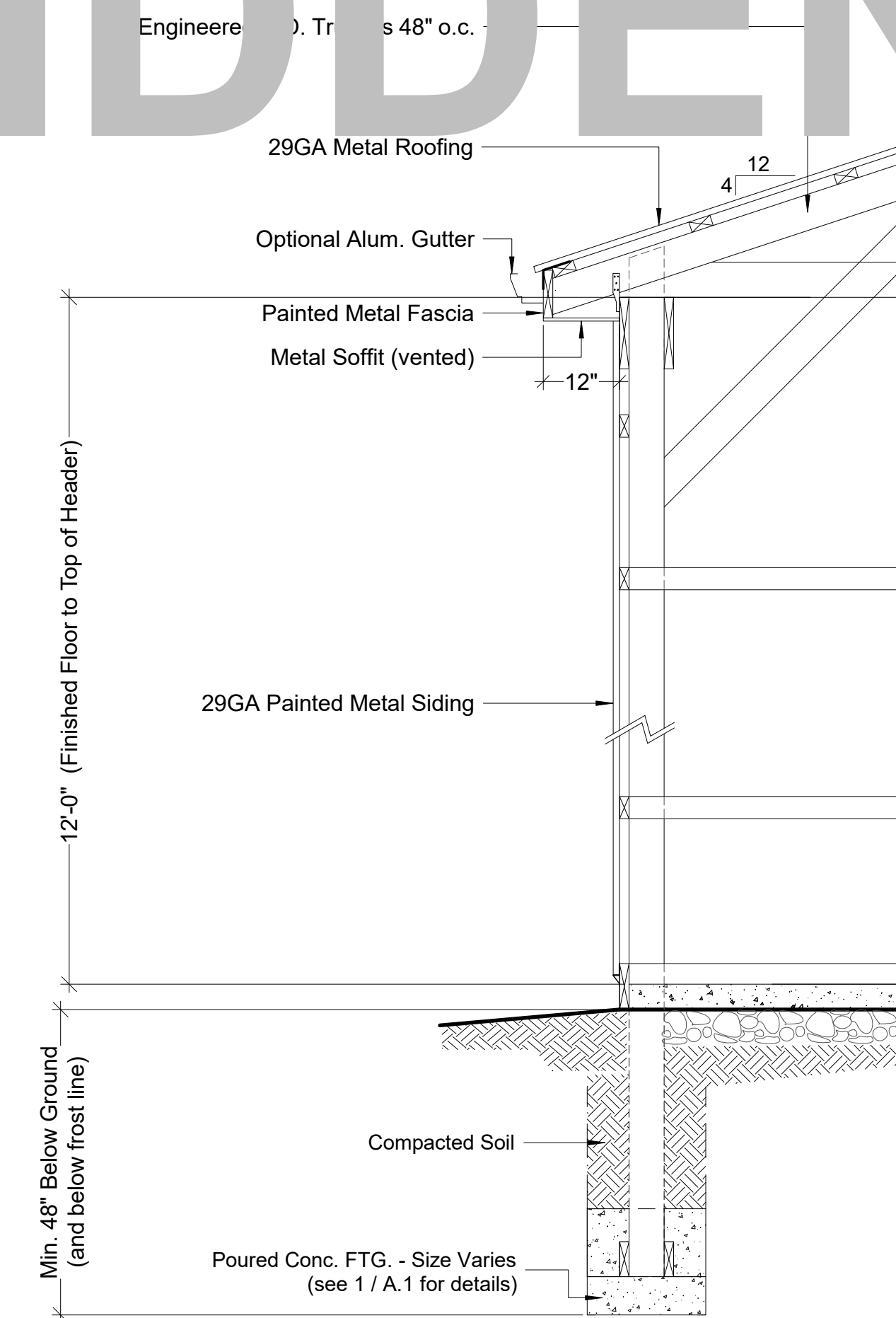
ALL SPECS ARE HIDDEN



4 BUILDING SECTION
A.2 SCALE: 1/4" = 1'-0"



5 OVERHANG DETAILS
A.2 SCALE: 1" = 1'-0"



6 WALL SECTION
A.2 SCALE: 9/16" = 1'-0"

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DRAWING TITLE

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

SHEET NO.

A.2

ATTENTION:

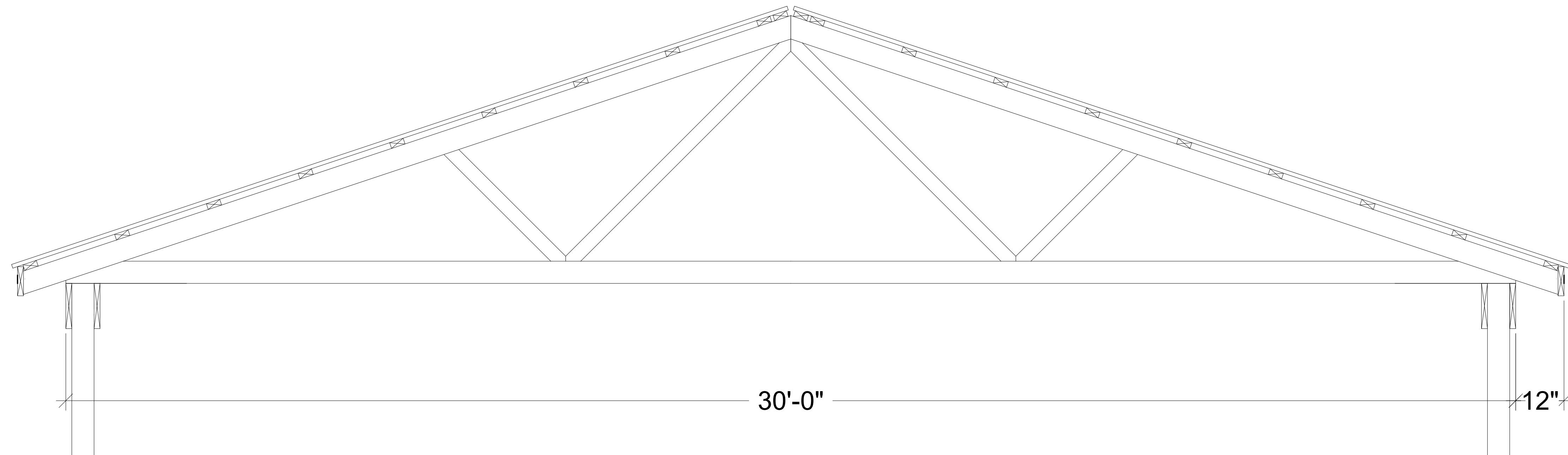
METAL ROOFING SIZE MUST BE CONFIRMED BY CONTRACTOR / BUILDER BEFORE CONSTRUCTION. SIZE IS GIVEN AS A COURTESY AND 100% ACCURACY CAN NOT BE GUARANTEED.

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.

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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



ALL SPECS ARE HIDDEN

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TRUSS / METAL DIMENSIONS

SHEET NO.

A.3