



30'x24' HORSE STABLE WITH 10' LEAN-TO

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:

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FILE INFO.	
BUILDERS' INFORMATION	
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30' x 24' HORSE STABLE with LEAN-TO FOR	
SEAL	
PROJECT NO.	
DRAWN BY	
FILE INFO.	
REVISIONS	
DATE	
DRAWING TITLE	
IMAGES	
SHEET NO.	

GENERAL NOTES - AGRICULTURAL BUILDING

1. PROVIDE EROSION PROTECTION AS REQ'D BY ALL GOVERNING AUTHORITIES.
2. PROVIDE P.T. WD. WHERE IN CONTACT W/ EPDM ROOFING, FLASHING, WATERPROOFING, MASONARY, CONCRETE OR EARTH.
3. ALL WOOD FASTENERS, HANGERS, ETC. IN CONTACT W/ P.T. WD. TO RECEIVE MIN. 60# GALV OR GREATER AS REQ'D BY FASTENER MFR. FOR TYPE OF P.T. CHEMICAL USED AND/OR ENVIRONMENT.
4. CONFORM TO ELECIRC REQTS. 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
P.T. ? POSTS EXTERIOR WALLS & AISLE
P.T. ? POSTS @ DUTCH DOORS
P.T. ? POSTS @ STALL DOORS
7. CONC. FOOTERS ARE SIZED ASSUMING A MIN. SOIL BEARING CAPACITY OF 3000 PSF
8. STALLS TO HAVE STONE BASE WITH 3/4" RUBBER STALL MATS ON TOP
9. CENTER AISLE AND TACK ROOM TO HAVE 4" THICK CONCRETE FLOOR
10. STALL FRONTS TO BE 2x8 T&G SYP PLANKS
4" HIGH WITH 3/6" HIGH METAL GRILL ON TOP
11. STALL PARTITIONS TO BE 2x8 T&G SYP
4" HIGH WITH 3/6" METAL GRILL ON TOP
12. 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.

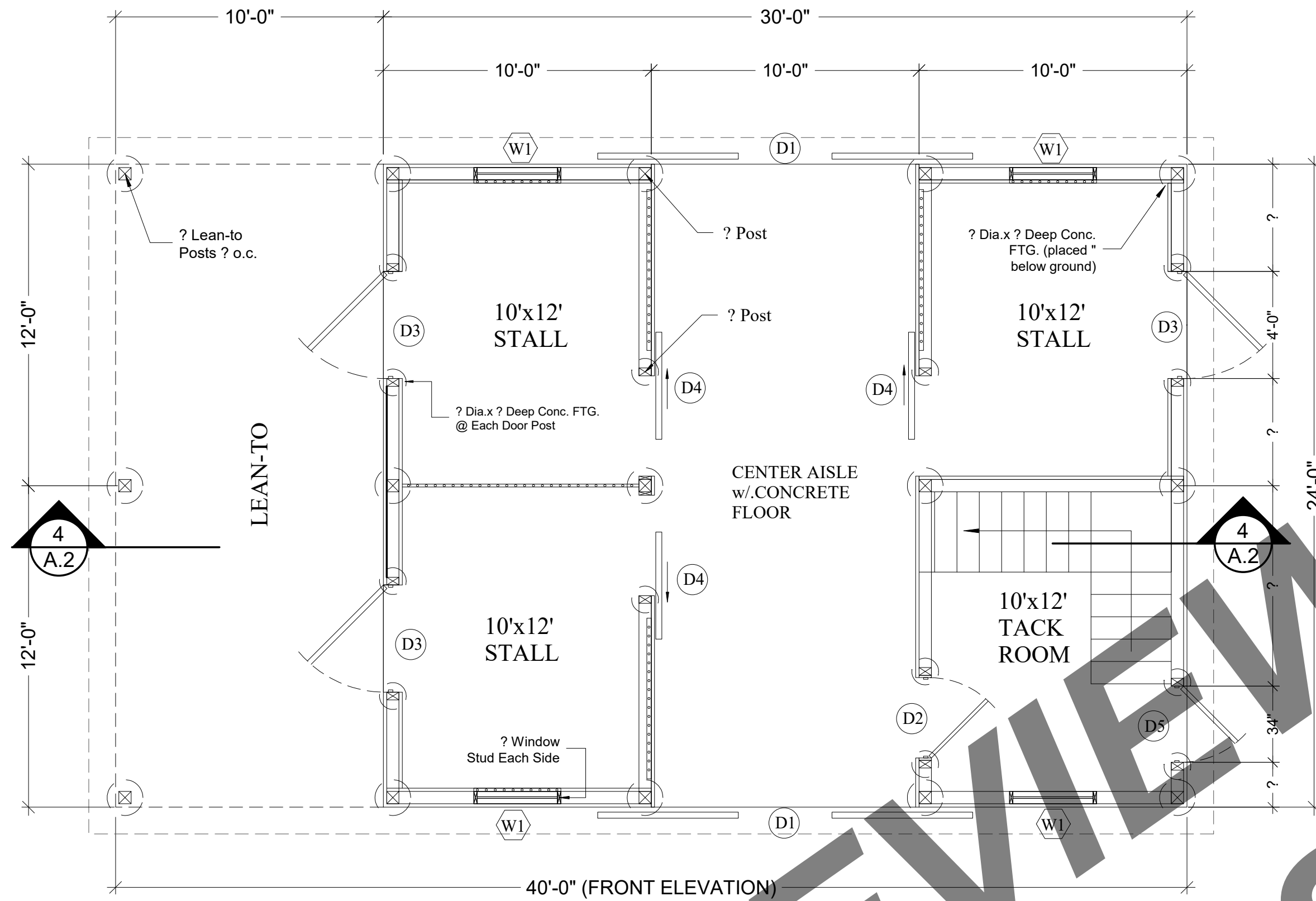
CODE INFO. ON STRUCTURE:

- 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:
 - LOFT FLOOR: PSF
 - SNOW: 45 PSF GROUND SNOW LOAD
 - WIND: 110 MPH (EXPOSURE C)
 - SEISMIC USE GROUP: 1
 - SITE CLASS: D
 - SEISMIC FORCE RESIST: WD. FRAME
 - WEATHERING: SEVERE
 3. DEAD LOADS AS FOLLOWS:
 - ROOF W/ SHINGLES - 10 PSF
 - WOOD FLOOR - 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 LOCATIONSPROVIDE 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. ALL STAIRS & RAILING TO CONFORM W/ LOADING REQTS. IN CODE
 9. 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.

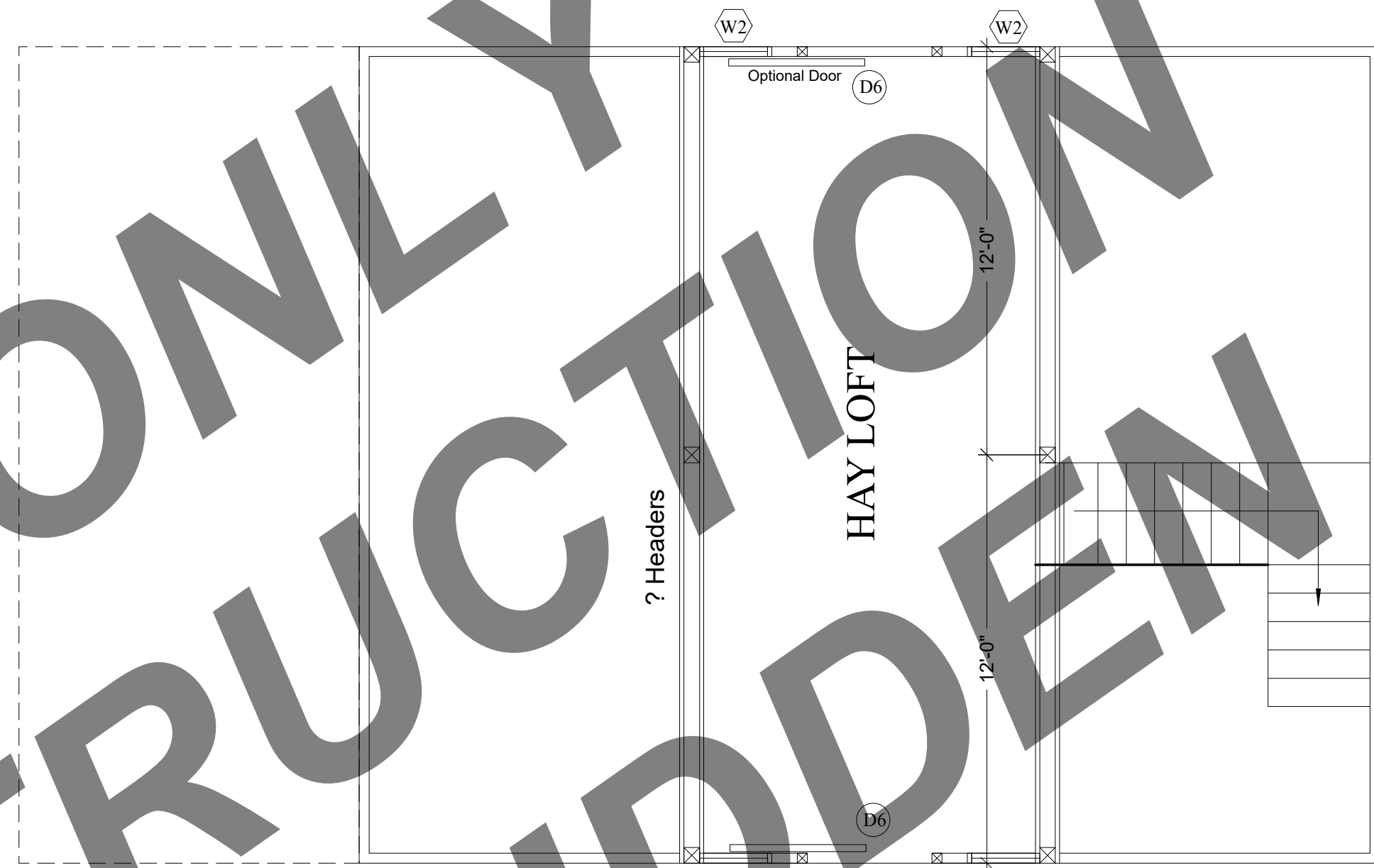
SYMBOL LEGEND

- D1 → 10'-6" x 9' SPLIT SLIDING DOOR
- D2 → 36"x84" WOODEN ENTRY DOOR (optional, depends on storage room)
- D3 → 4'x7' WOODEN DUTCH DOOR
- D4 → 4'x7' STALL SLIDING DOOR (wooden door with metal grill)
- D5 → 34"x84" WOODEN ENTRY DOOR
- D6 → 4'x7' WOODEN LOFT DOOR
- W1 → 40"x25" 8-LITE SLIDING WINDOW WITH WINDOW GRILL
- W2 → 24"x40" SINGLE HUNG WINDOW
- 1 → DETAIL NUMBER
A.1 → SHEET DETAIL IS LOCATED
- 1 → SECTION NUMBER
A.1 → SHEET SECTION IS LOCATED

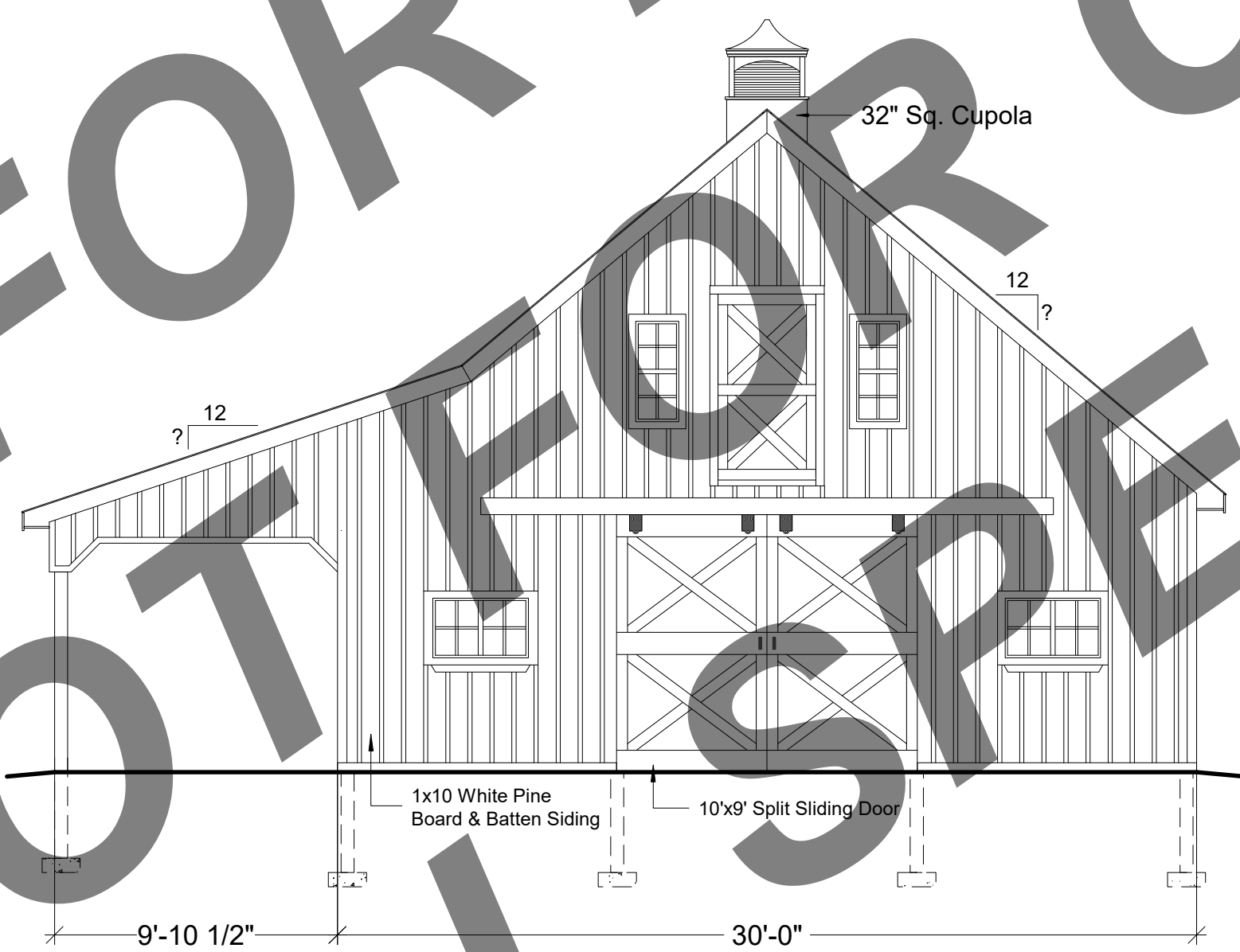
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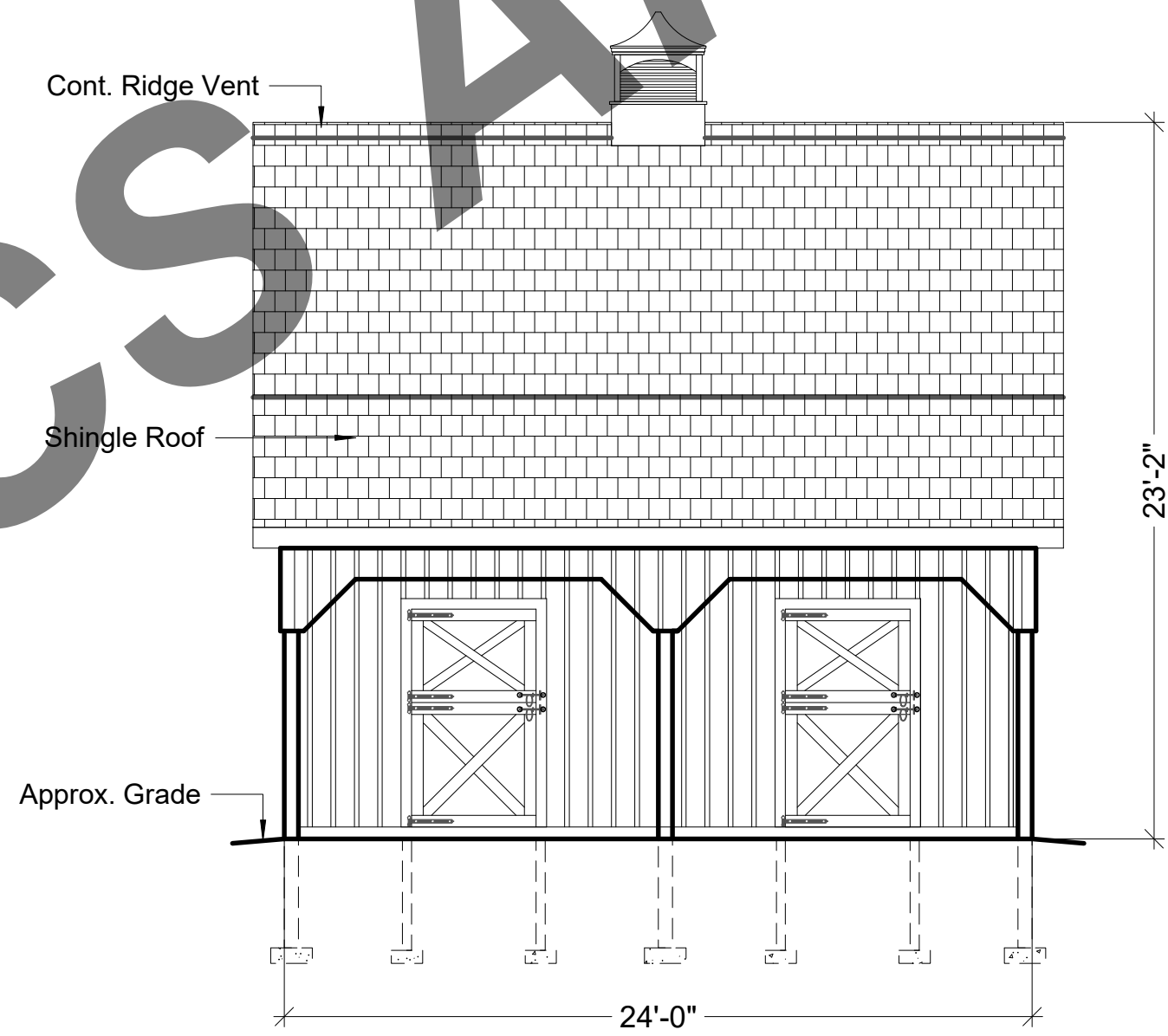
1 FLOOR PLAN
A.1 SCALE: 1/4" = 1'-0"



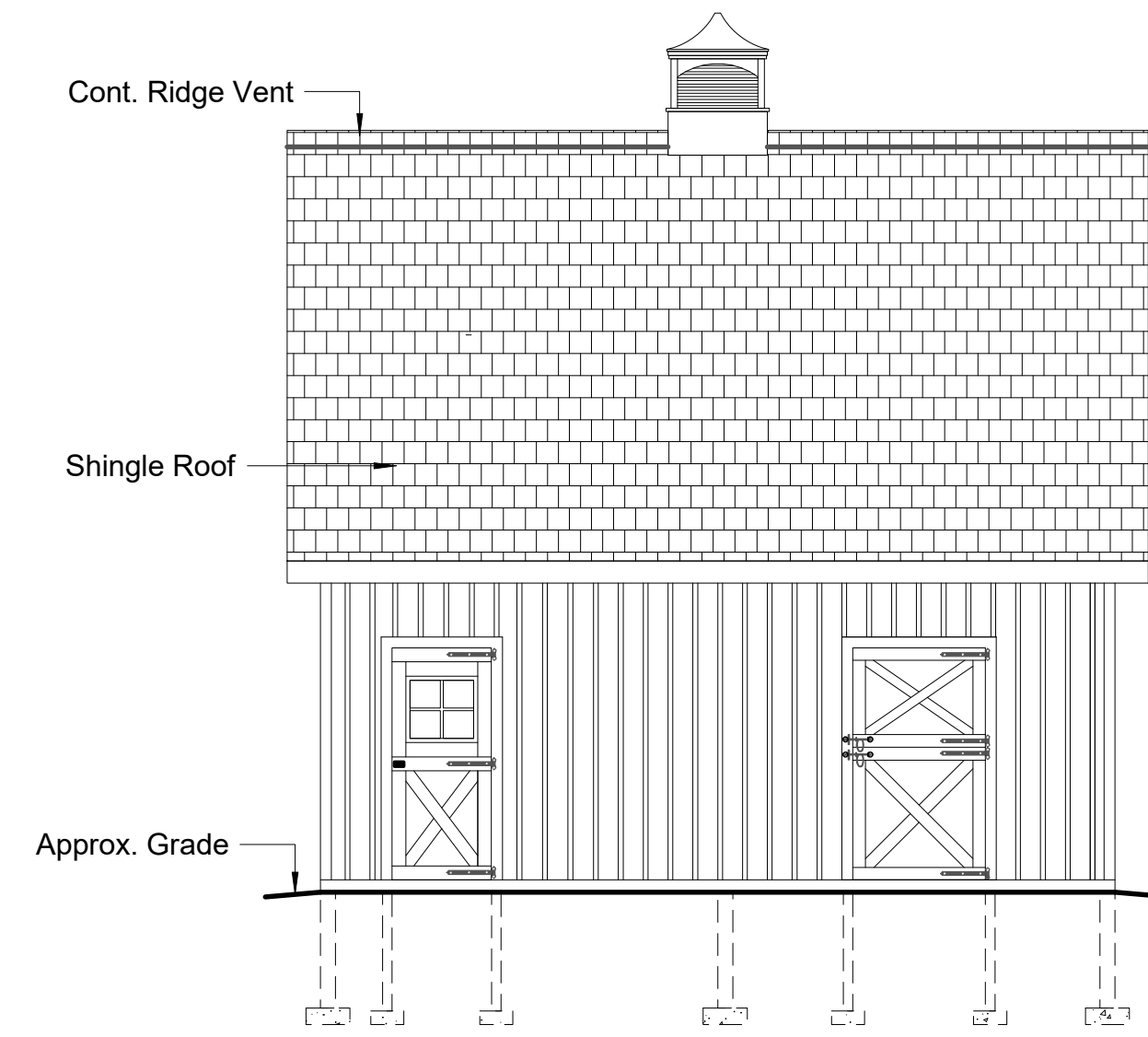
2 LOFT PLAN
A.1 SCALE: 1/4" = 1'-0"



3 FRONT & REAR ELEVATIONS
A.1 SCALE: 3/16" = 1'-0"



4 LEFT SIDE ELEVATION
A.1 SCALE: 3/16" = 1'-0"



5 RIGHT SIDE ELEVATION
A.1 SCALE: 3/16" = 1'-0"

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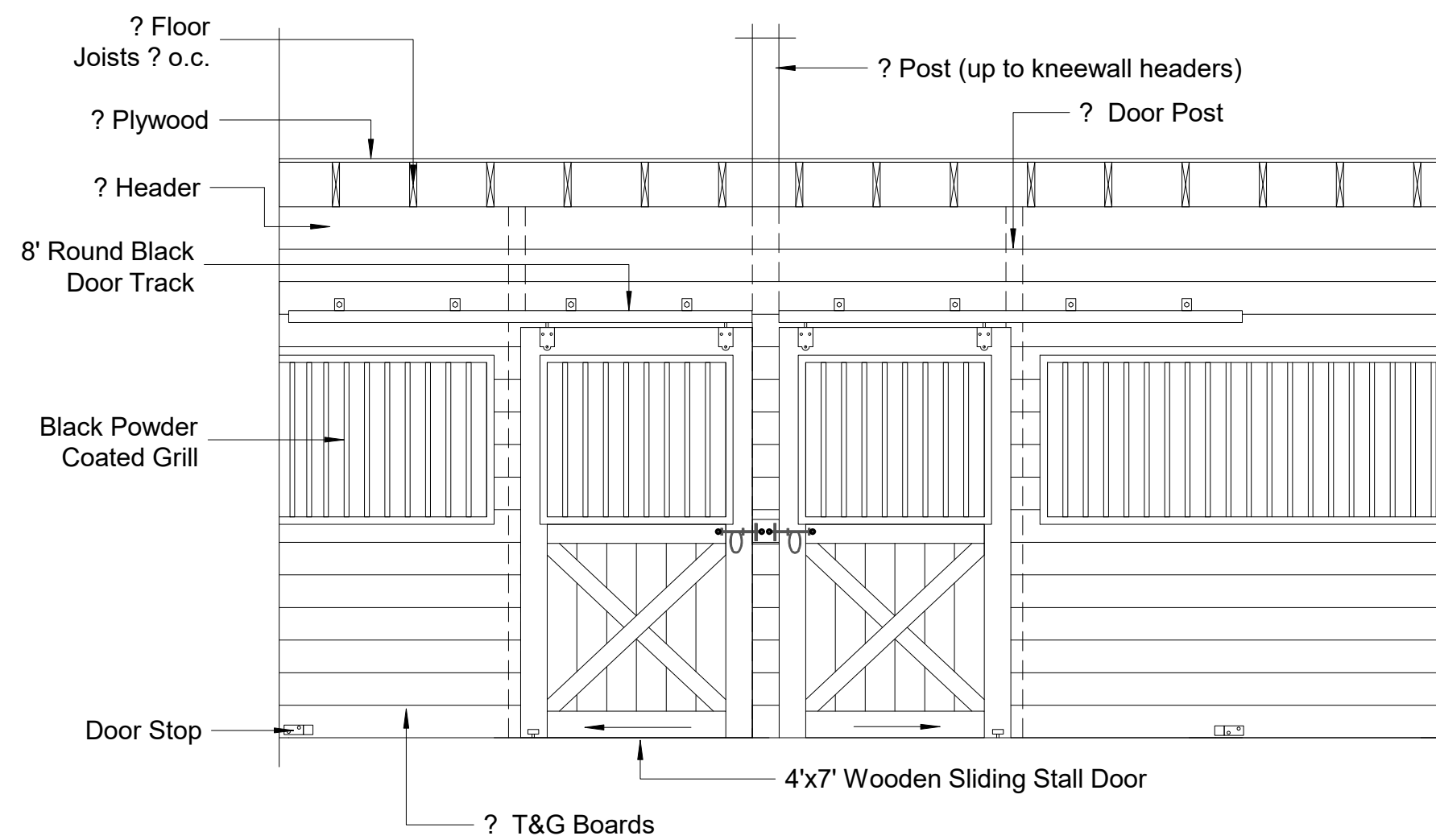
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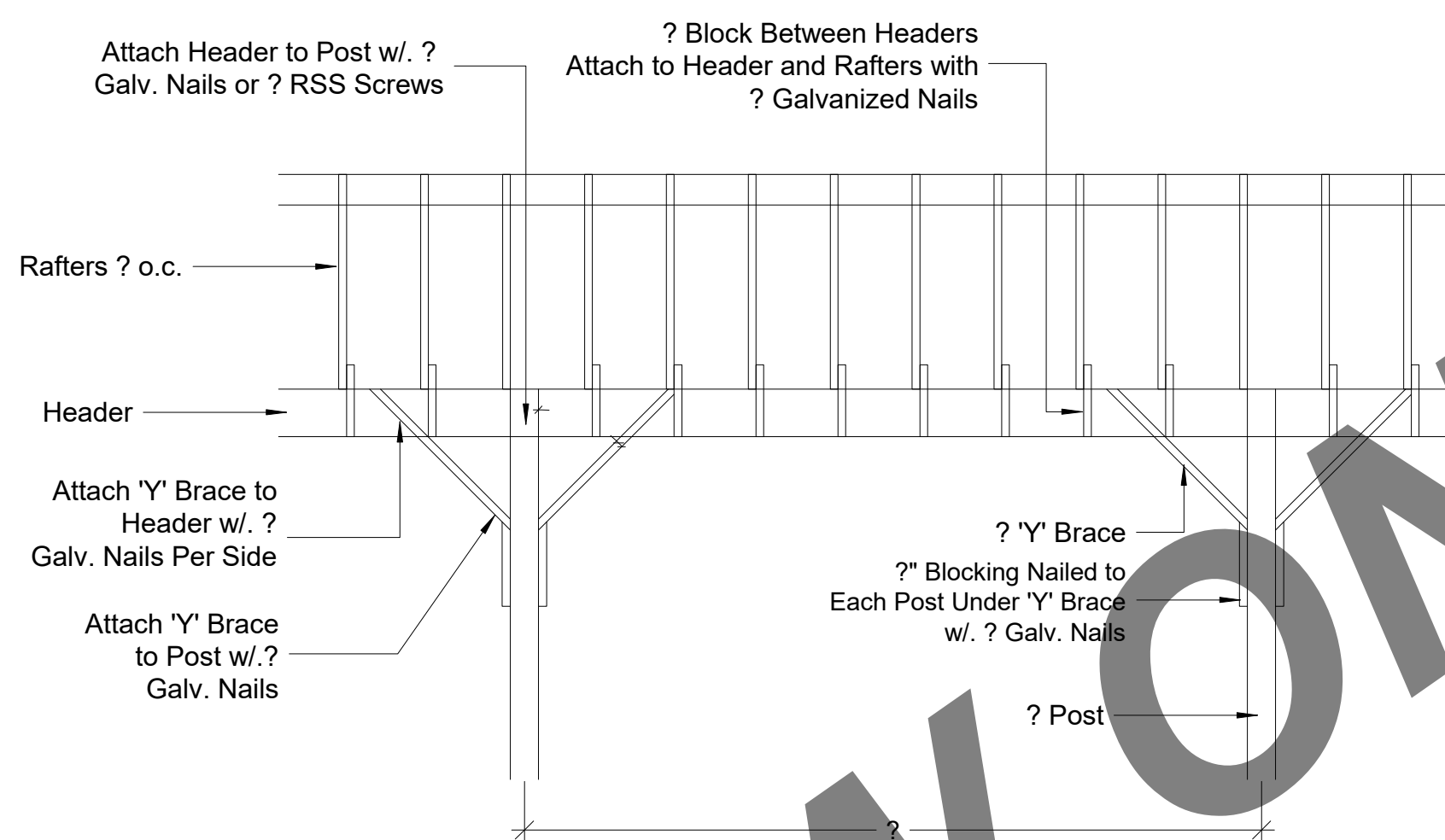
FLOOR PLAN
EXTERIOR ELEVATIONS

SHEET NO.

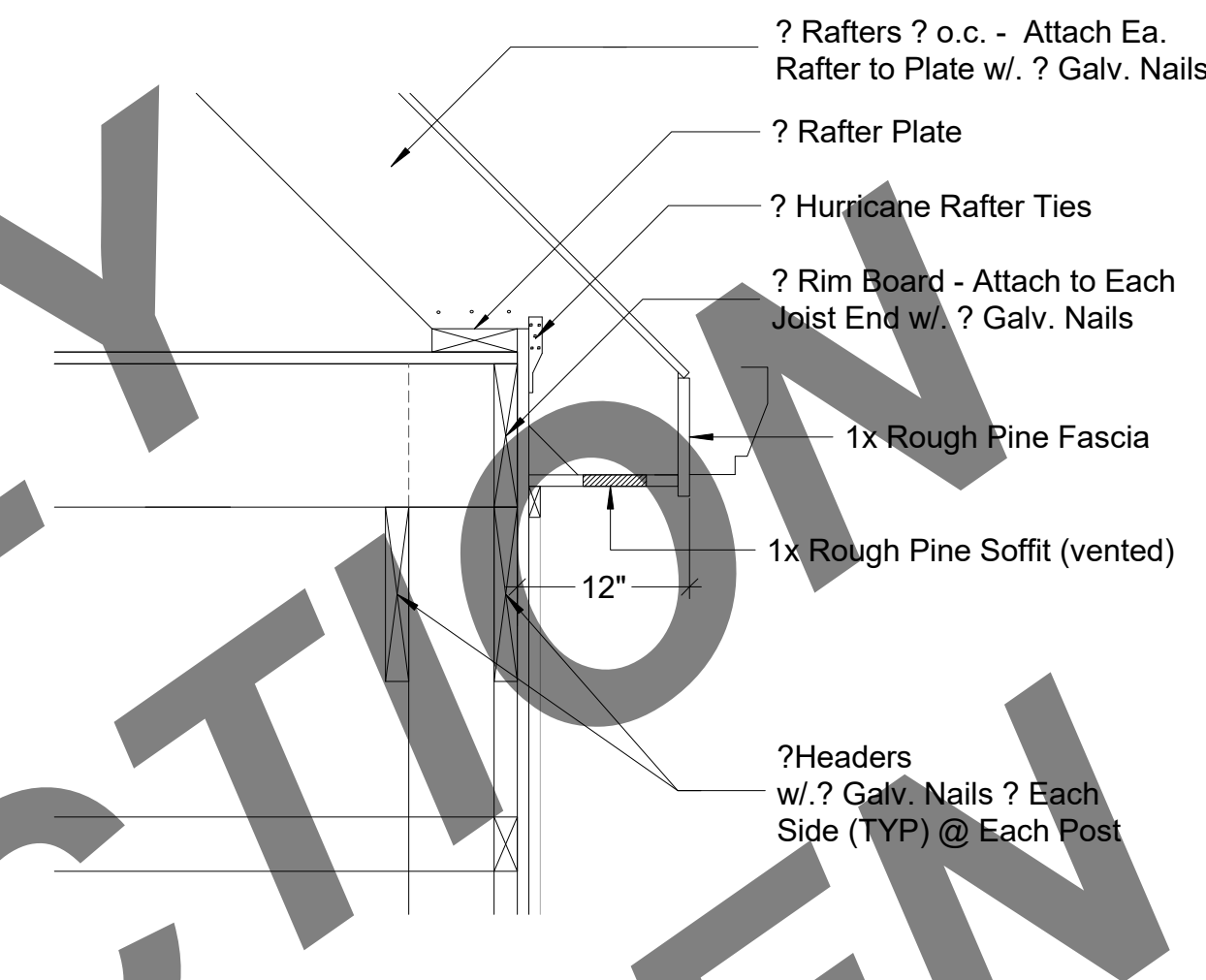
A.1



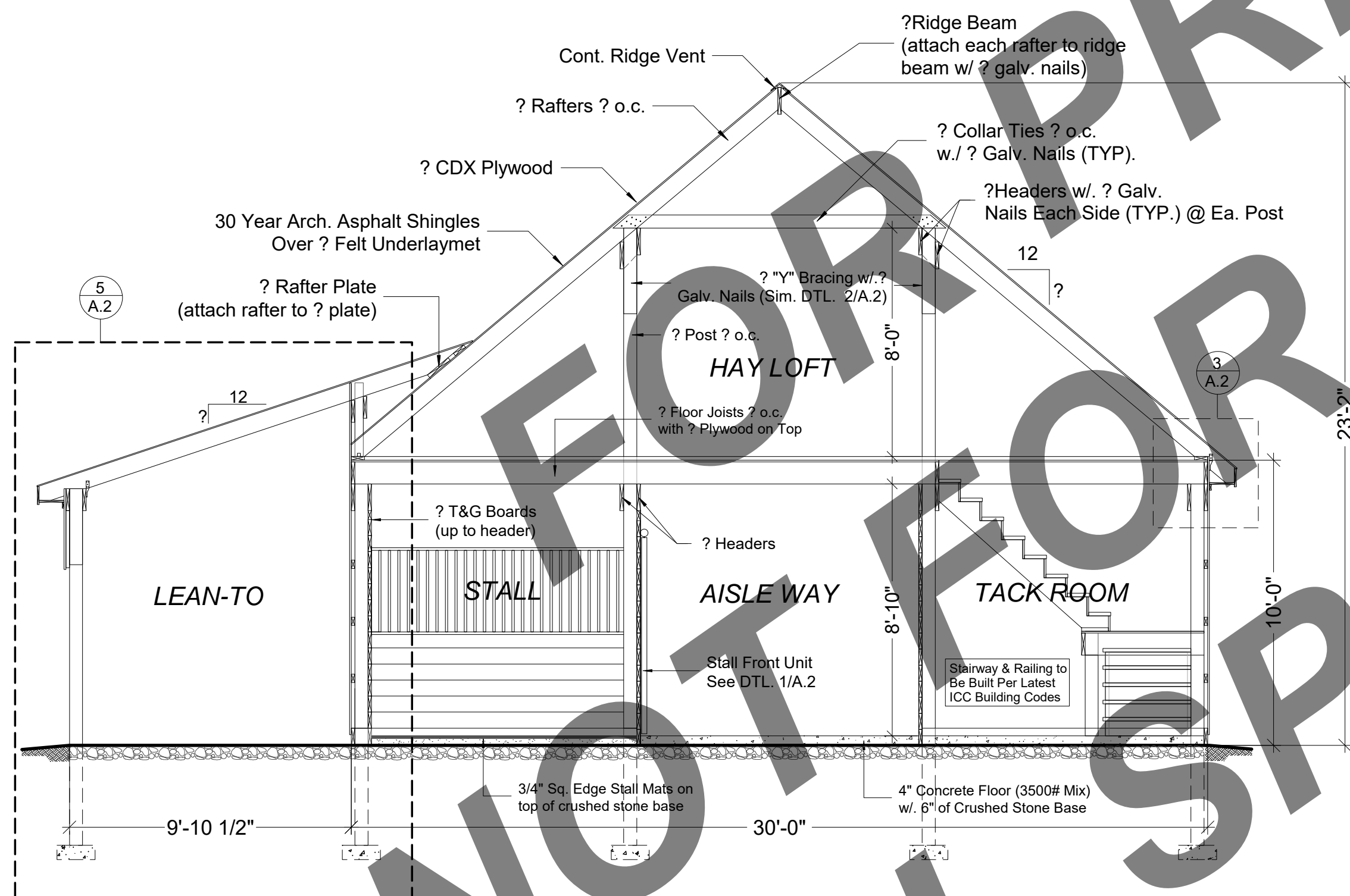
1 TYP. STALL ELEVATION
A.2 SCALE: 3/8" = 1'-0"



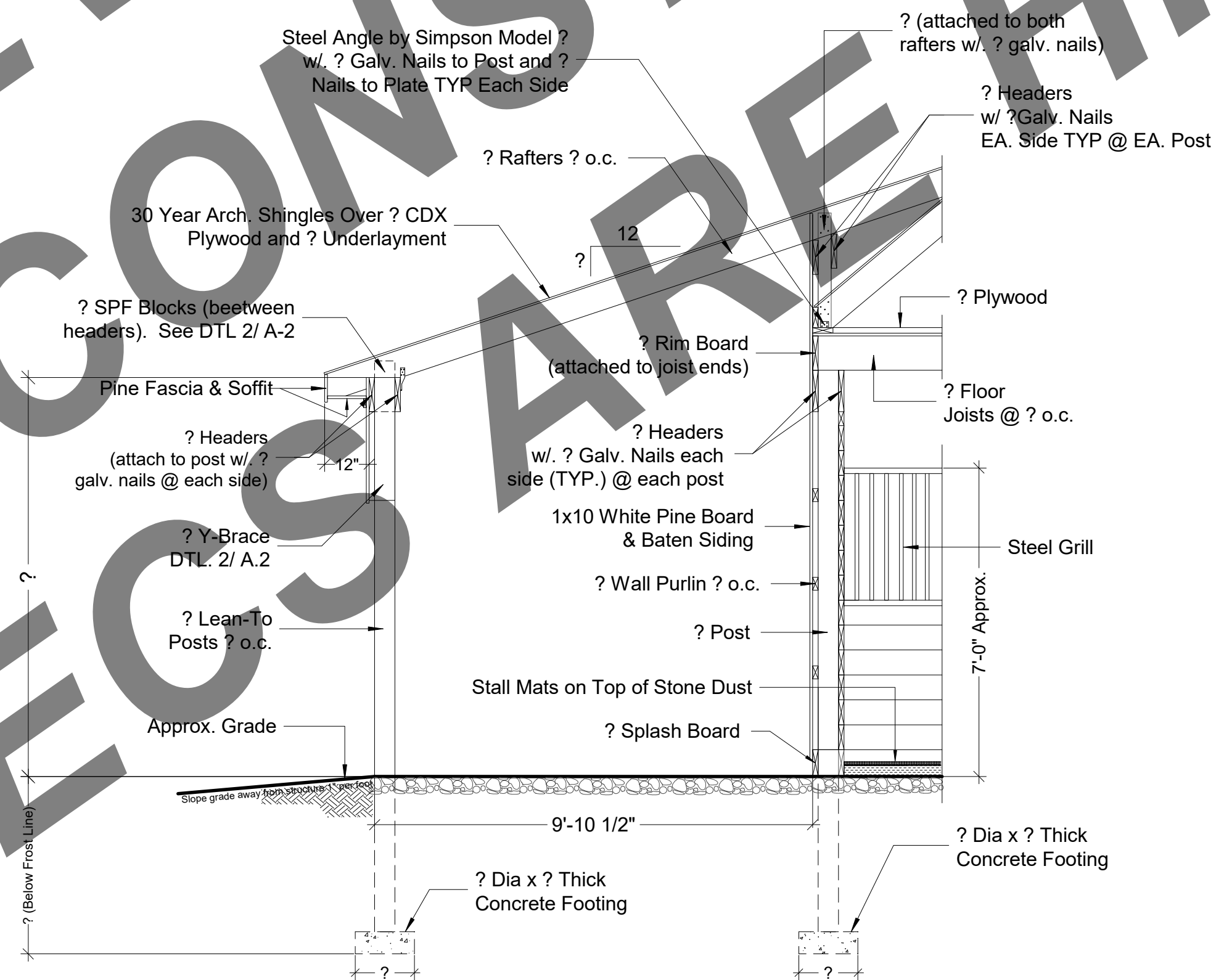
2 LEAN-TO 'Y' BRACE DTL.
A.2 SCALE: 5/16" = 1'-0"



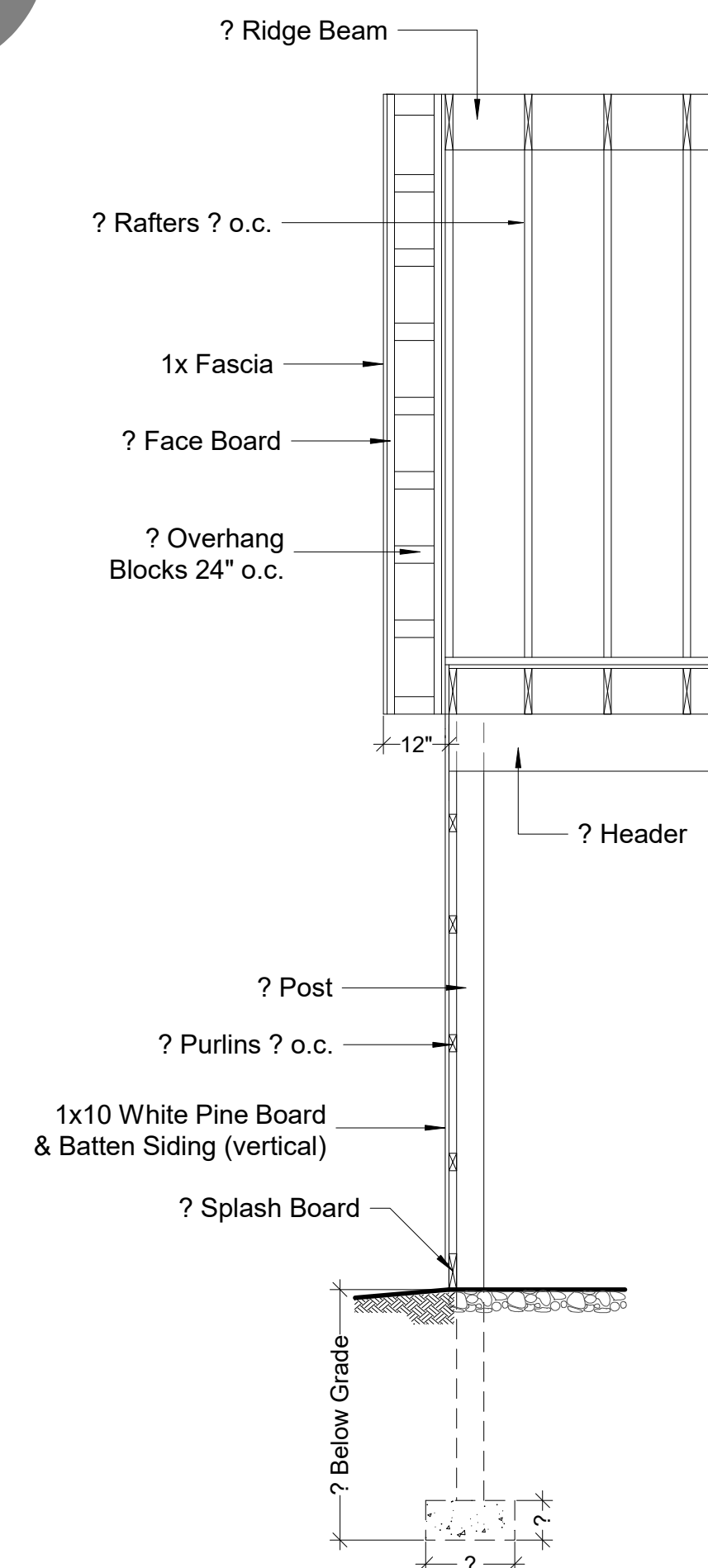
3 OVERHANG DETAIL
A.2 SCALE: 1" = 1'-0"



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



5 LEAN-TO OVERHANG
A.2 SCALE: 3/8" = 1'-0"



6 WALL SECTION
A.2 SCALE: 3/8" = 1'-0"

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STALL FRONT DETAIL
'Y' BRACE DETAIL
BUILDING SECTION
LEAN-TO DETAIL
WALL SECTION

SHEET NO.

A.2

ATTENTION:

ALL SIZES MUST BE CONFIRMED BY CONTRACTOR / BUILDER BEFORE CONSTRUCTION. SIZES ARE GIVEN AS A COURTESY AND 100% ACCURACY CAN NOT BE GUARANTEED. DIMENSIONS WILL ONLY WORK IF BARN IS BUILT EXACTLY AS SHOWN ON PRINTS. ALTERING CONSTRUCTION IN ANY WAY WILL CHANGE RAFTERS DIMENSIONS.

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

EXACT DIMENSIONS OF RAFTERS WILL DEPEND ON MANY FACTORS, SUCH AS THICKNESS OF SIDING USED, IF FACE BOARDS USED WITH FASCIA AND OTHER FACTORS.

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.



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SCALE

1"=1'-0"

DATE

DRAWING TITLE

RAFTER DETAILS

SHEET NO.

A.3