



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:

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.

FILE INFO.

BUILDERS' INFORMATION

NOTES ON COPYRIGHT
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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 REQD 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. G90 GALV OR GREATER AS REQD. BY FASTENER MFR. FOR TYPE OF P.T. CHEMICAL USED AND/OR ENVIRONMENT.
4. CONFORM TO ELECTRIC REQTS. OF NEC 2002 INCL. GFCI RECEPES. & GROUNDING OF CONC. SLABS ANIMAL USE AREAS.
5. LIGHTNING PROTECTION WILL BE INSTALLED COMPLYING W/ NFPA 780
6. FRAMING POSTS
P.T. 6x6 POSTS EXTERIOR WALLS & AISLE
P.T. 4x6 POSTS @ DUTCH DOORS
P.T. 4x6 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 36" HIGH METAL GRILL ON TOP
11. STALL PARTITIONS TO BE 2X8 T&G SYP 4" HIGH WITH 36" METAL GRILL ON TOP
12. TOTAL AREA UNDER ROOF (INCLUDES OVERHANGS) - 1,092 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.

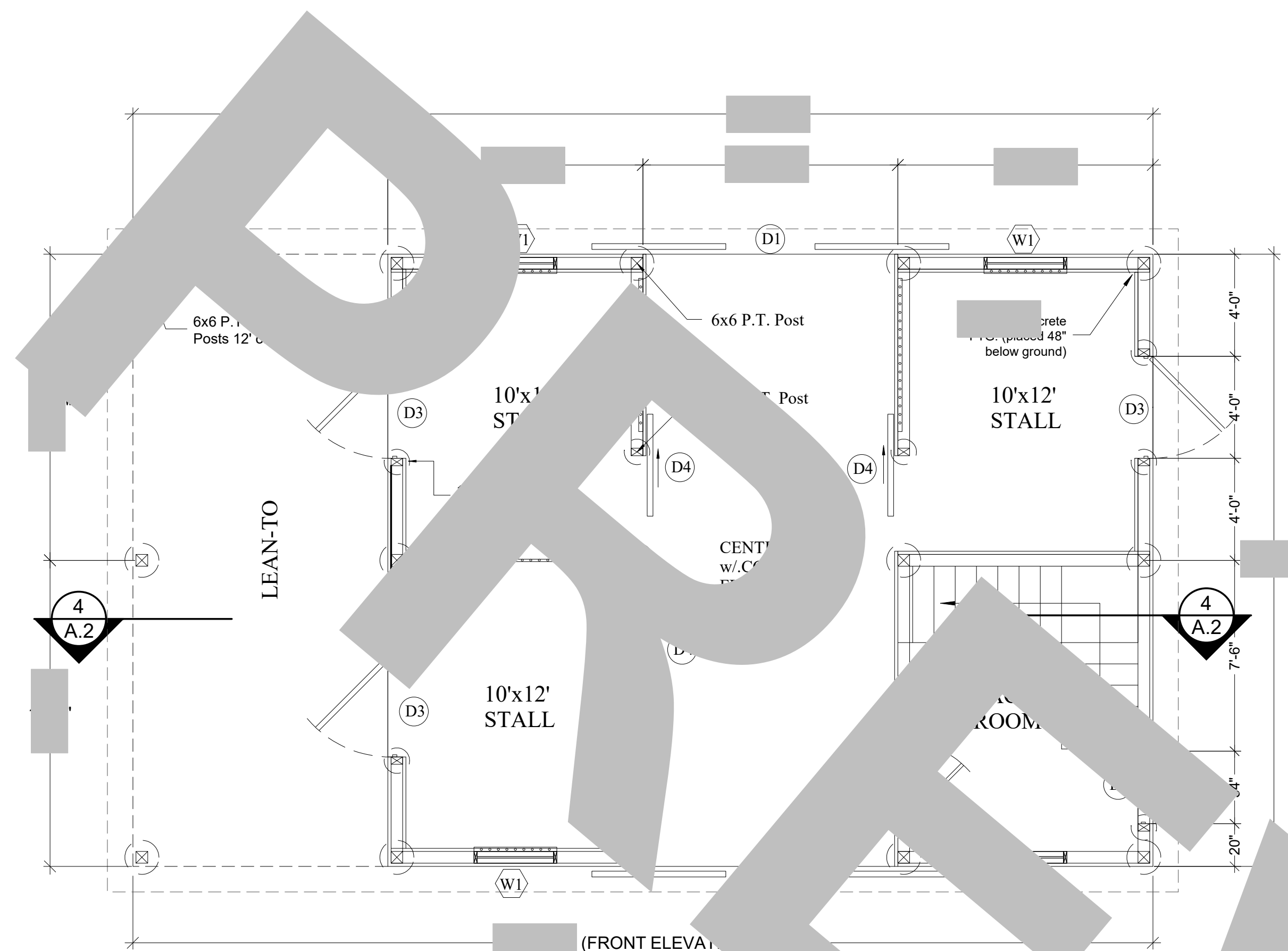
CODE INFO. ON STRUCTURE:

CONSTRUCTION TO CONFORM WITH DESIGN DOCUMENTS & ALL CODE REQTS.

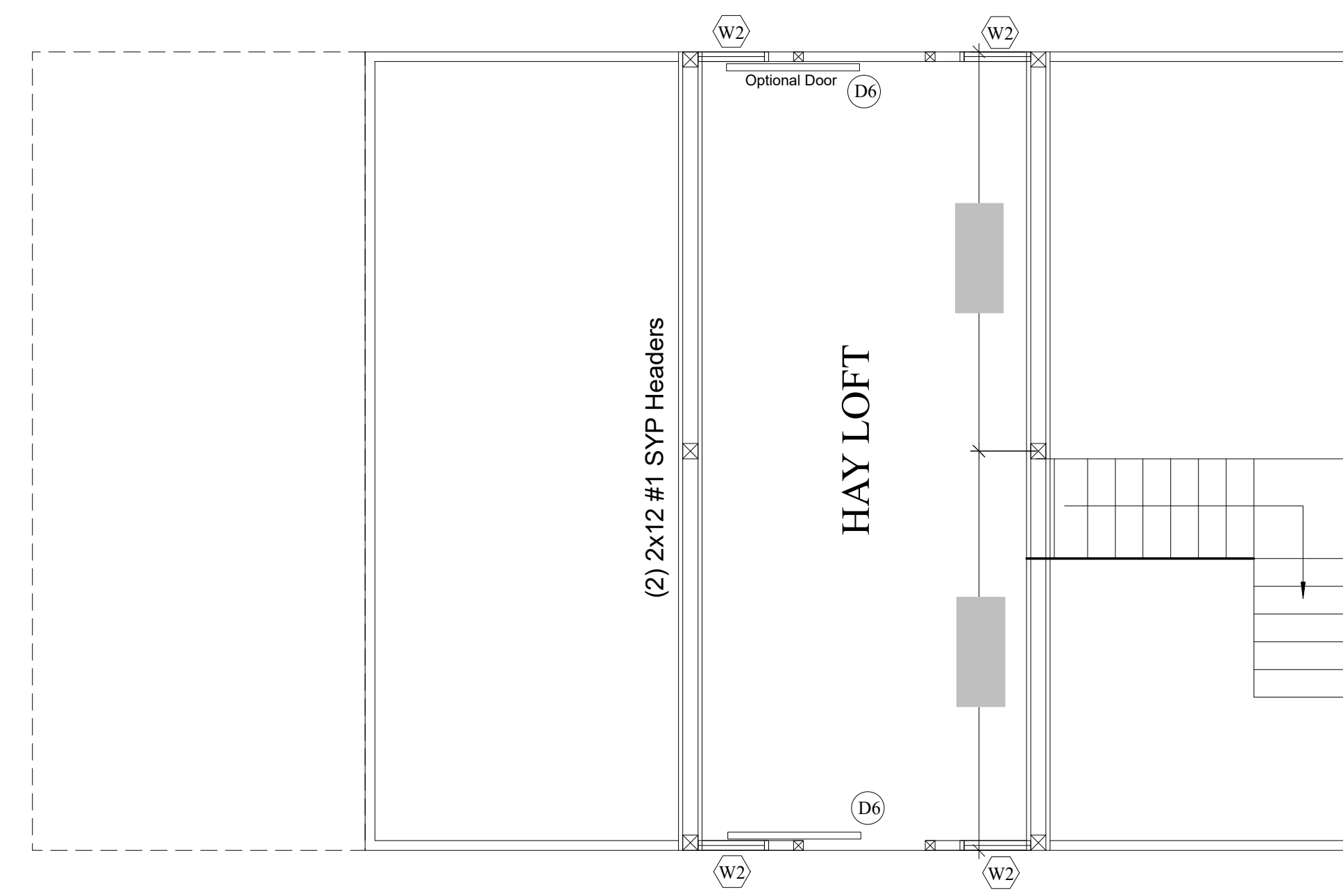
1. FOUNDATIONS DESIGNED FOR ASSUMED ALLOWABLE NETSOIL BEARING PRESSURE OF 3000 PSF
2. DESIGN LIVE LOADINGS AS FOLLOWS:
- LOFT FLOOR: 60 PSF
- SNOW: 45 PSF PLUS DRIFT
- WIND: 100 MPH (EXPOSURE C)
- SEISMIC USE GROUP: 1
- SITE CLASS: D
- SEISMIC FORCE RESIST: WD. FRAME
- WEATHERING: SEVERE
3. DEAD LOADS 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 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. SLABS ON GRADE TO HAVE CONTROL JTS. SO AREA IS LESS THAN 625 S.F. WITH PATIO OF LENGTH-WIDTH OF AREA LESS THAN 15.
7. ALL STRUCTURAL WOOD TO BE GRADED LUMBER - MIN. S.P.F. OR #2 HEM-FIR UNLESS NOTED OTHERWISE.
8. 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 ARCH.
9. ALL STAIRS & RAILING TO CONFORM W/ LOADING REQTS. IN CODE

SYMBOL LEGEND

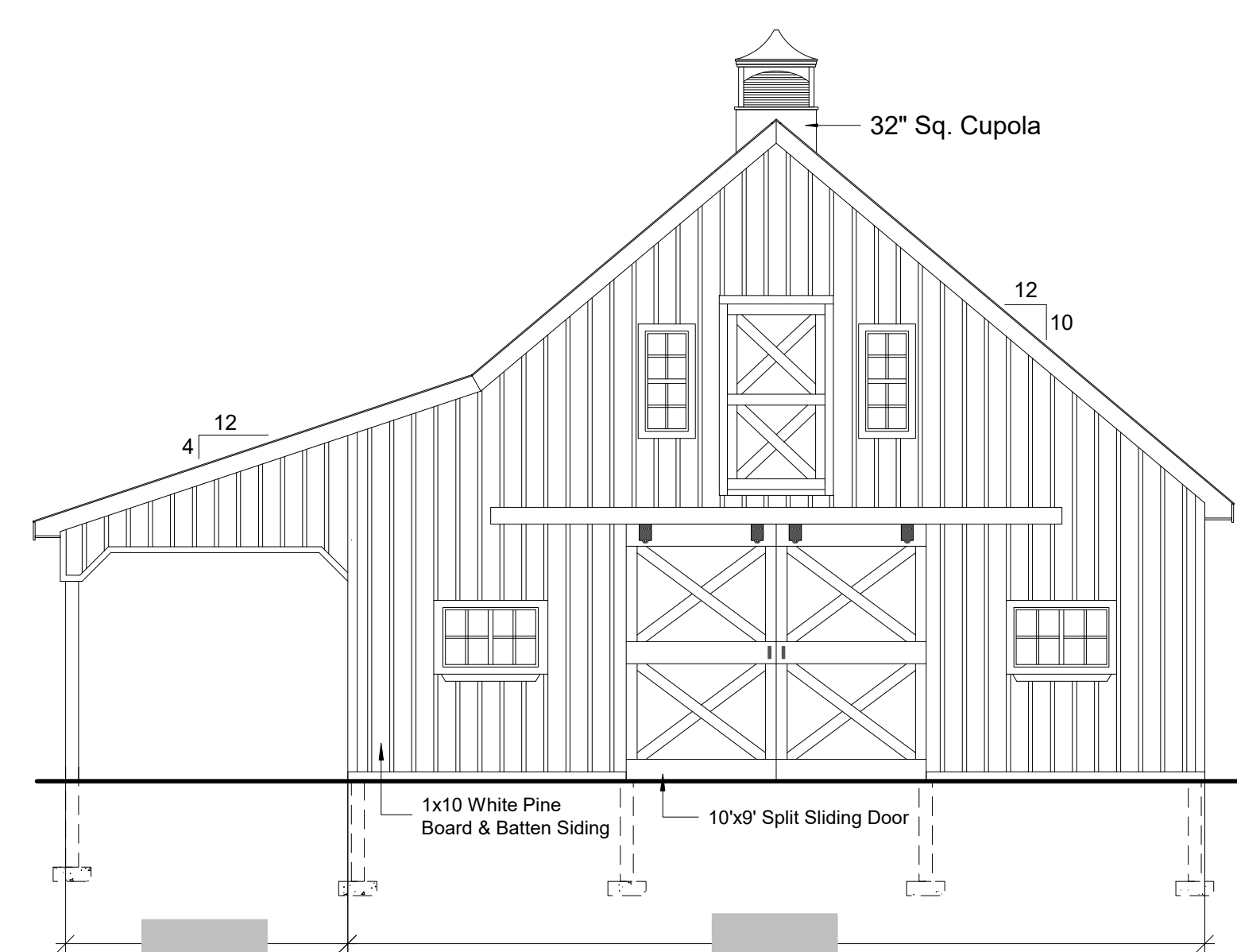
- D1 → 10'-6" x 9' SPLIT SLIDING DOOR
- D2 → 36"x84" WOODEN ENTRY DOOR (optional, depends on storage room)
- D3 → 4x7' WOODEN DUTCH DOOR
- D4 → 4x7' STALL SLIDING DOOR (wooden door with metal grill)
- D5 → 34"x84" WOODEN ENTRY DOOR
- D6 → 4x7' WOODEN LOFT DOOR
- W1 → 40"x25" 8-LITE SLIDING WINDOW WITH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



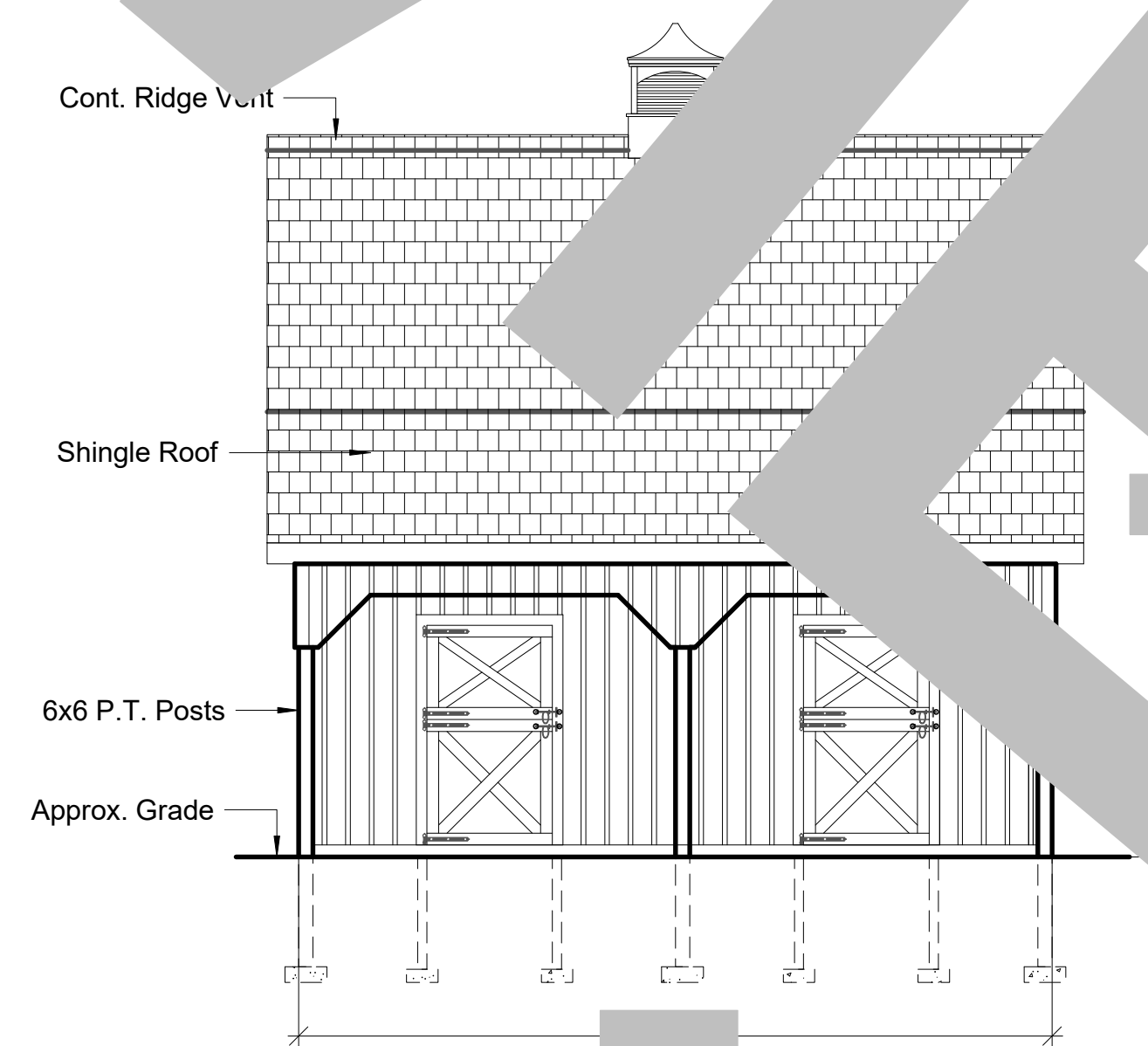
1 FLOOR PLAN
SCALE: 1/4" = 1'-0"



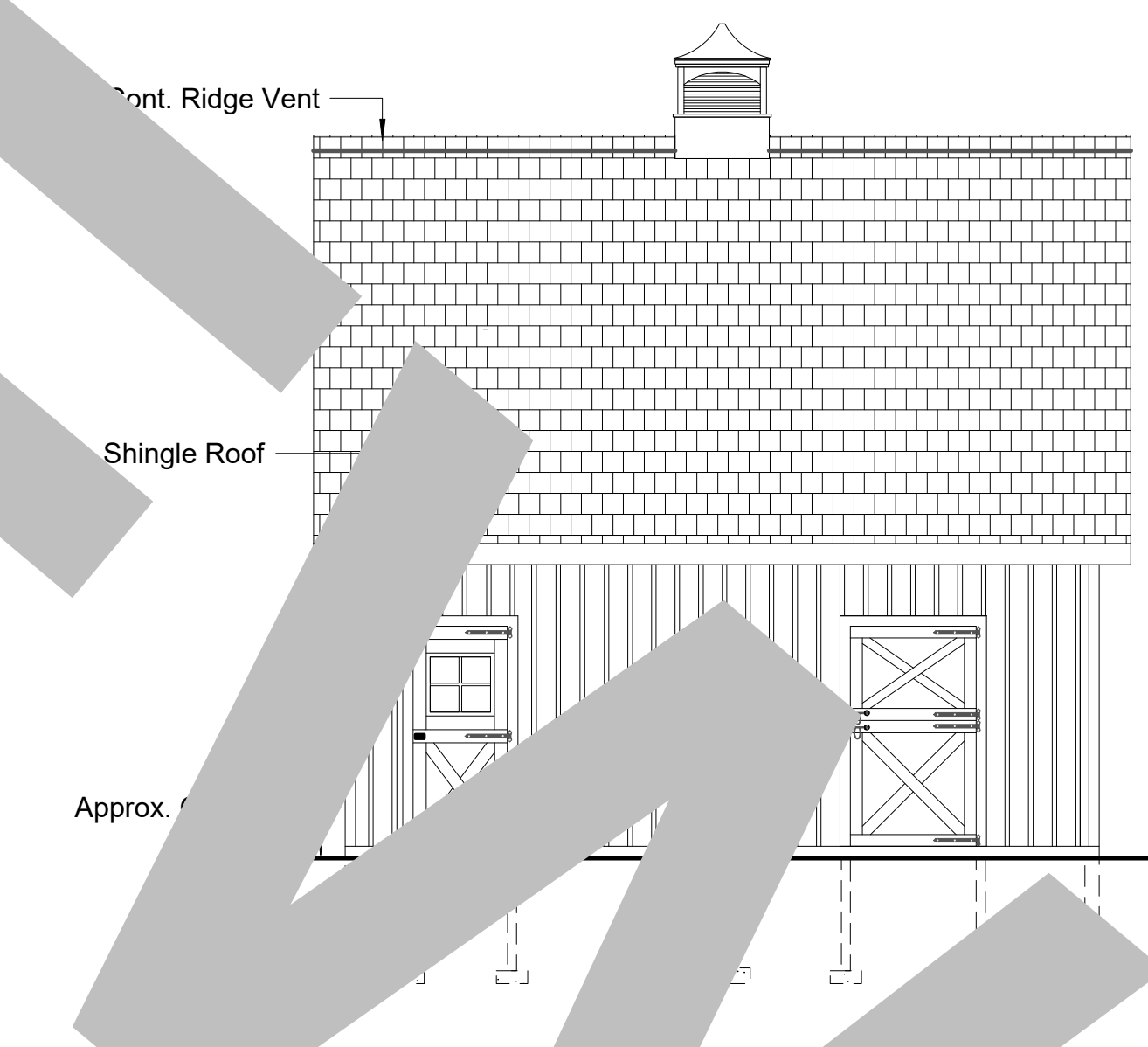
2 LOFT PLAN
SCALE: 1/4" = 1'-0"



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



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



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

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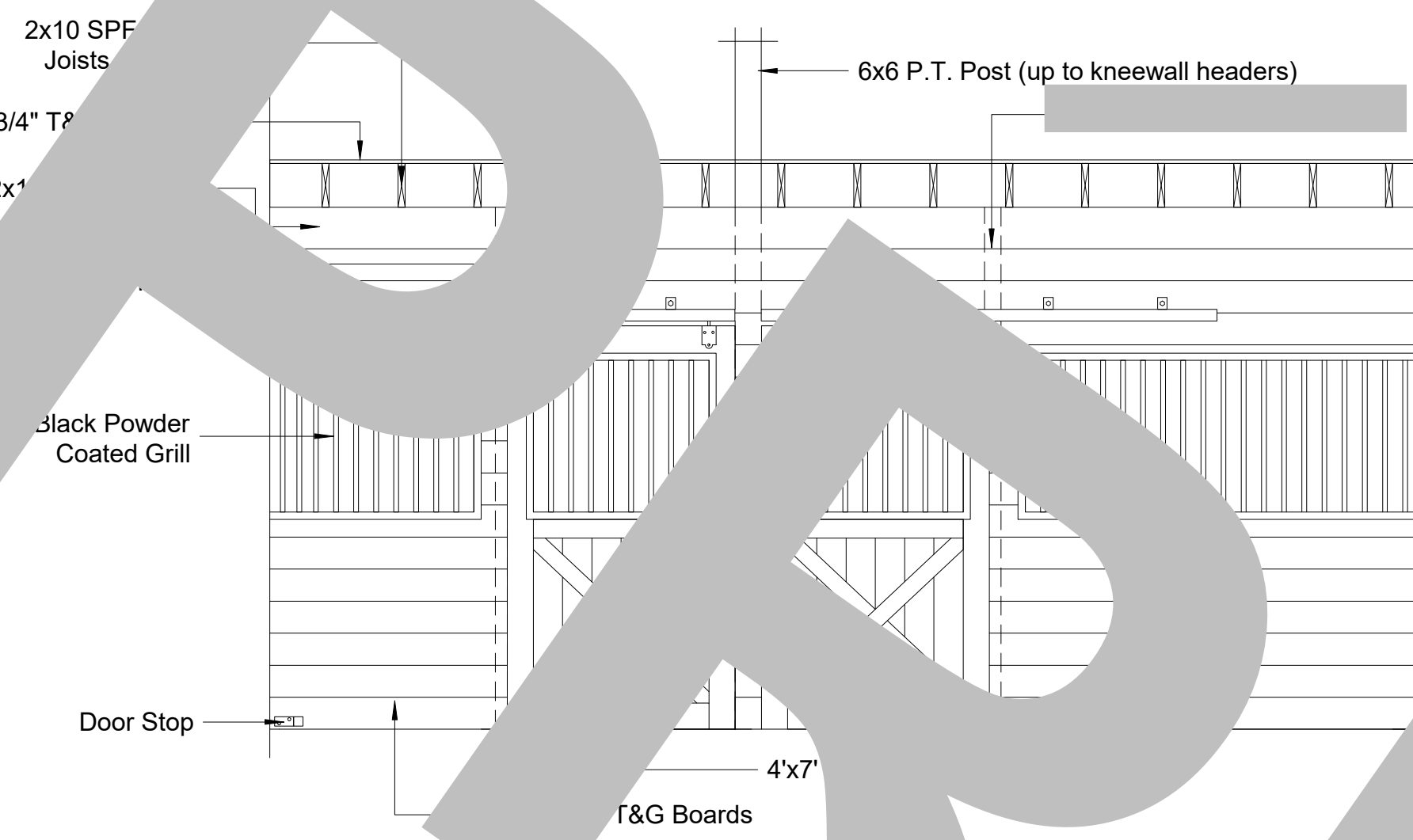
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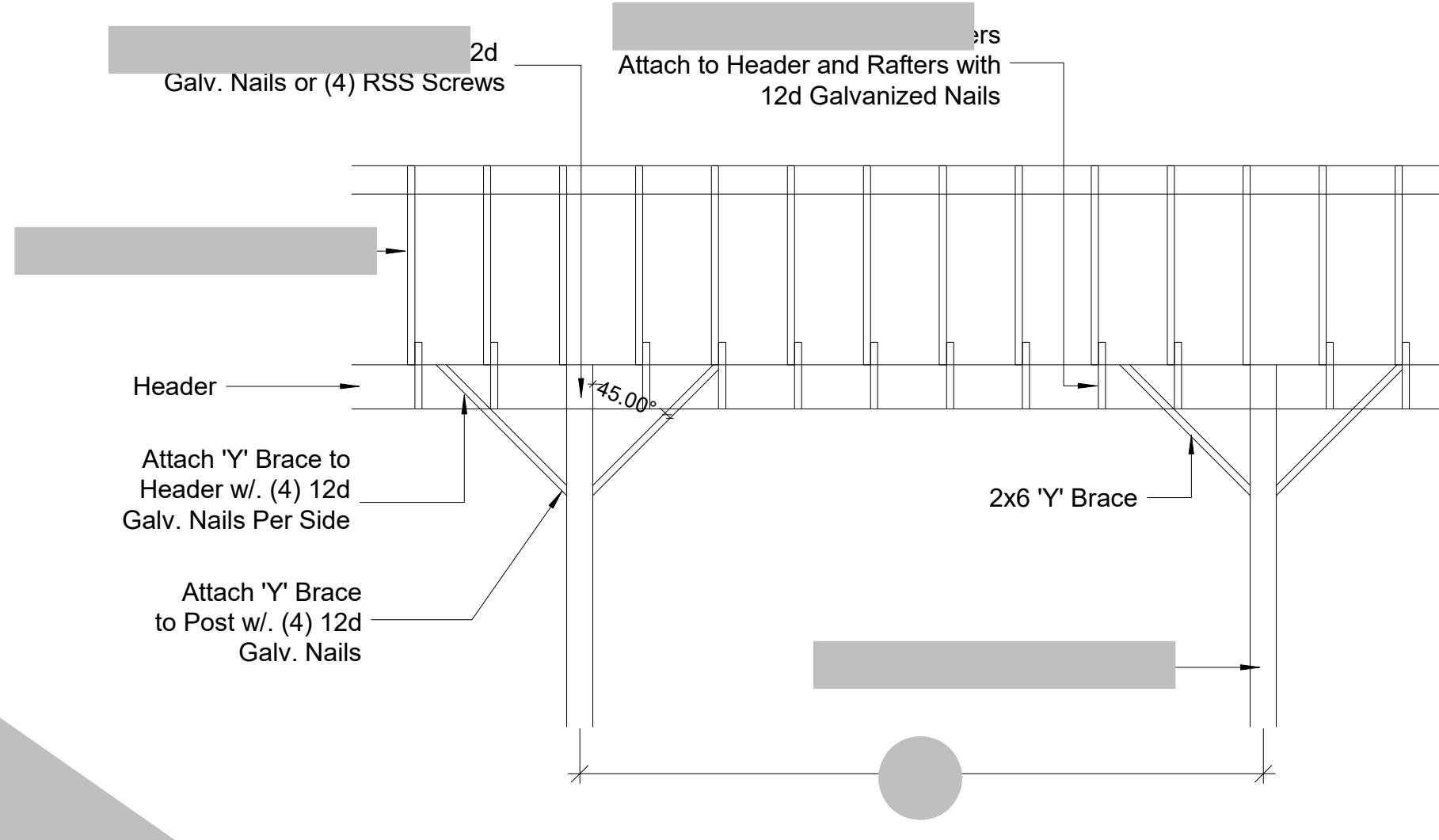
FLOOR PLAN
EXTERIOR ELEVATIONS

SHEET NO.

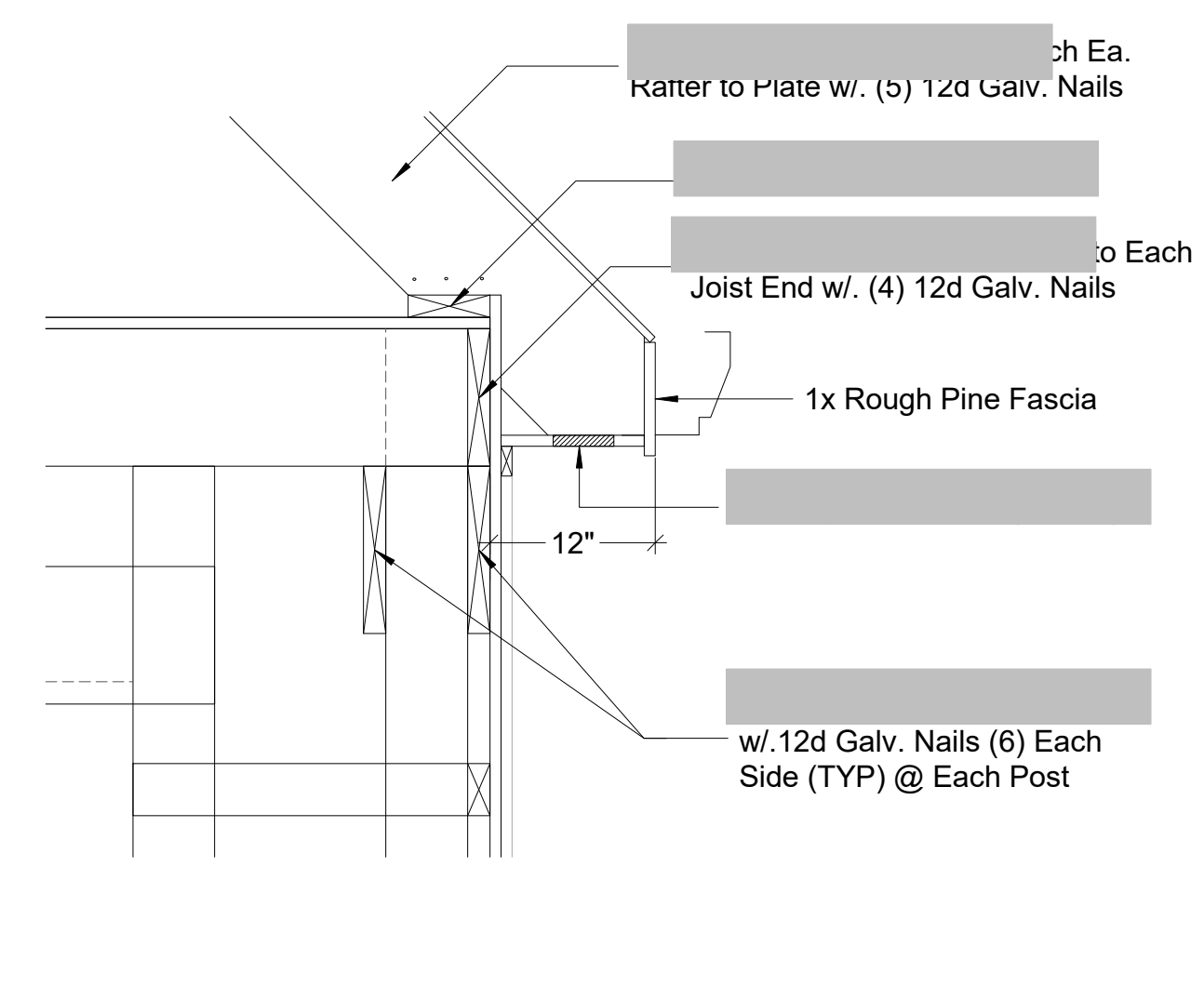
A.1



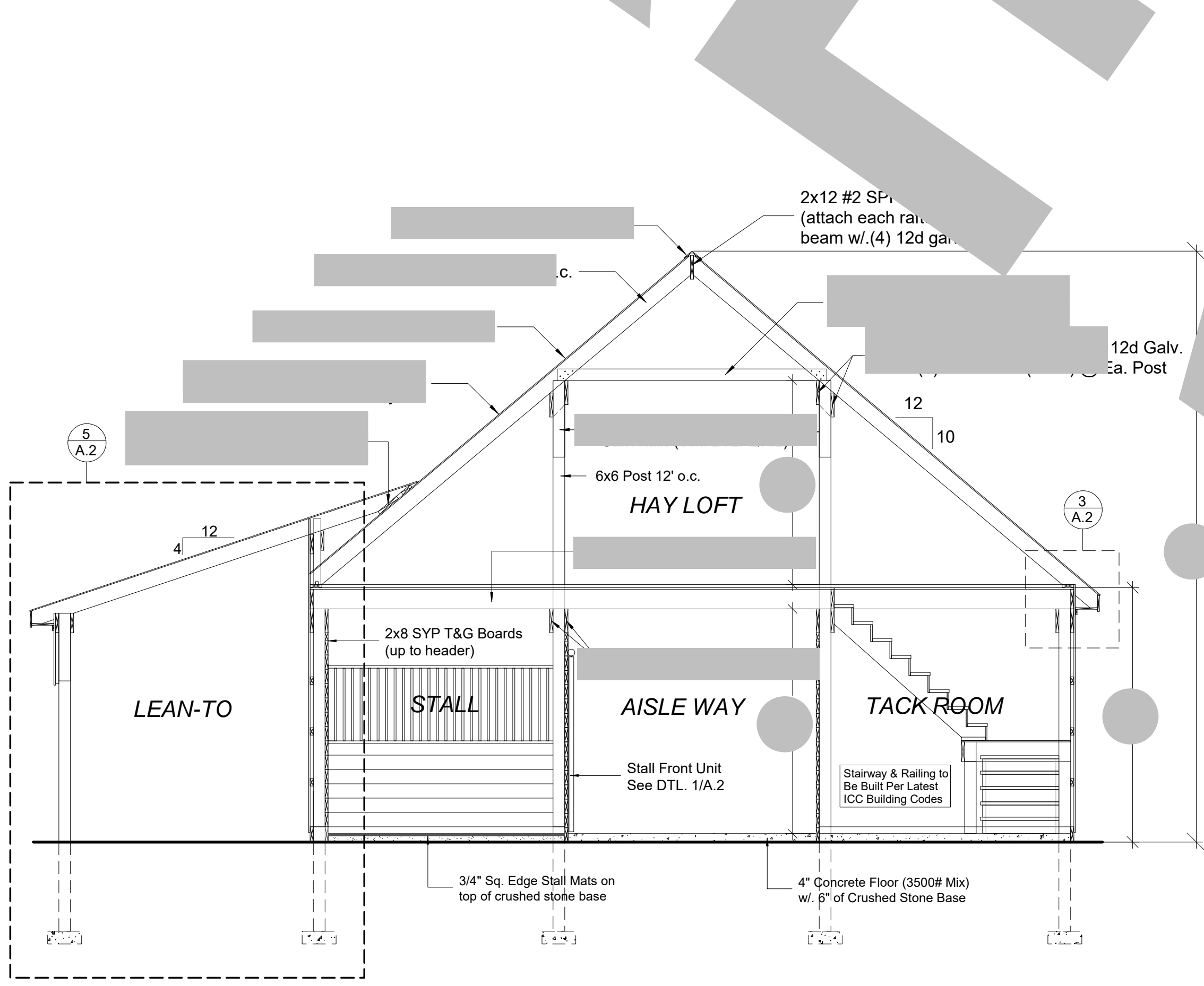
1 TYP. SIDING ELEVATION
 A.2 SCALE: 3/8" = 1'-0"



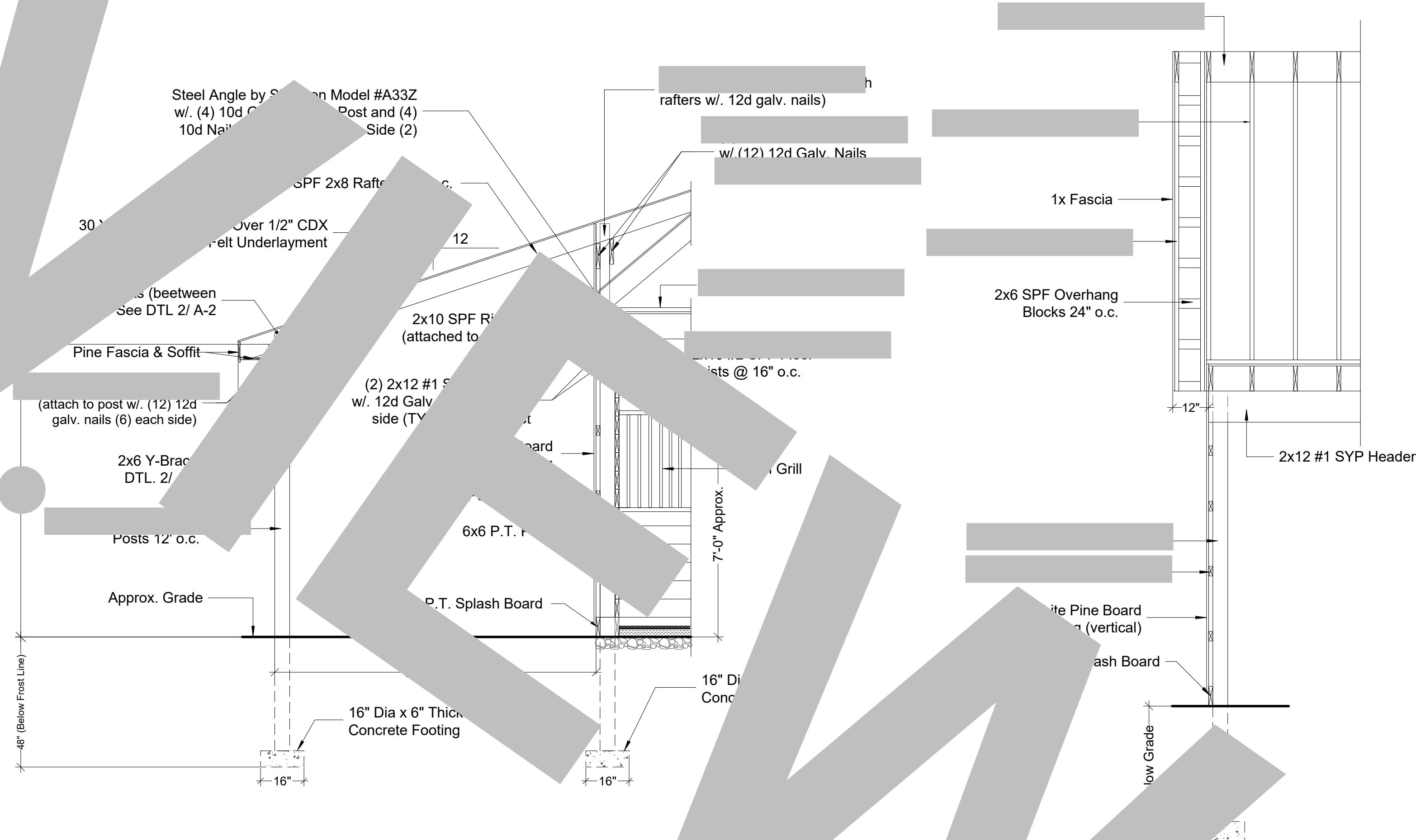
2 LEAN-TO 'Y' BRACE DTL.
 A.2 SCALE: 5/16" = 1'-0"



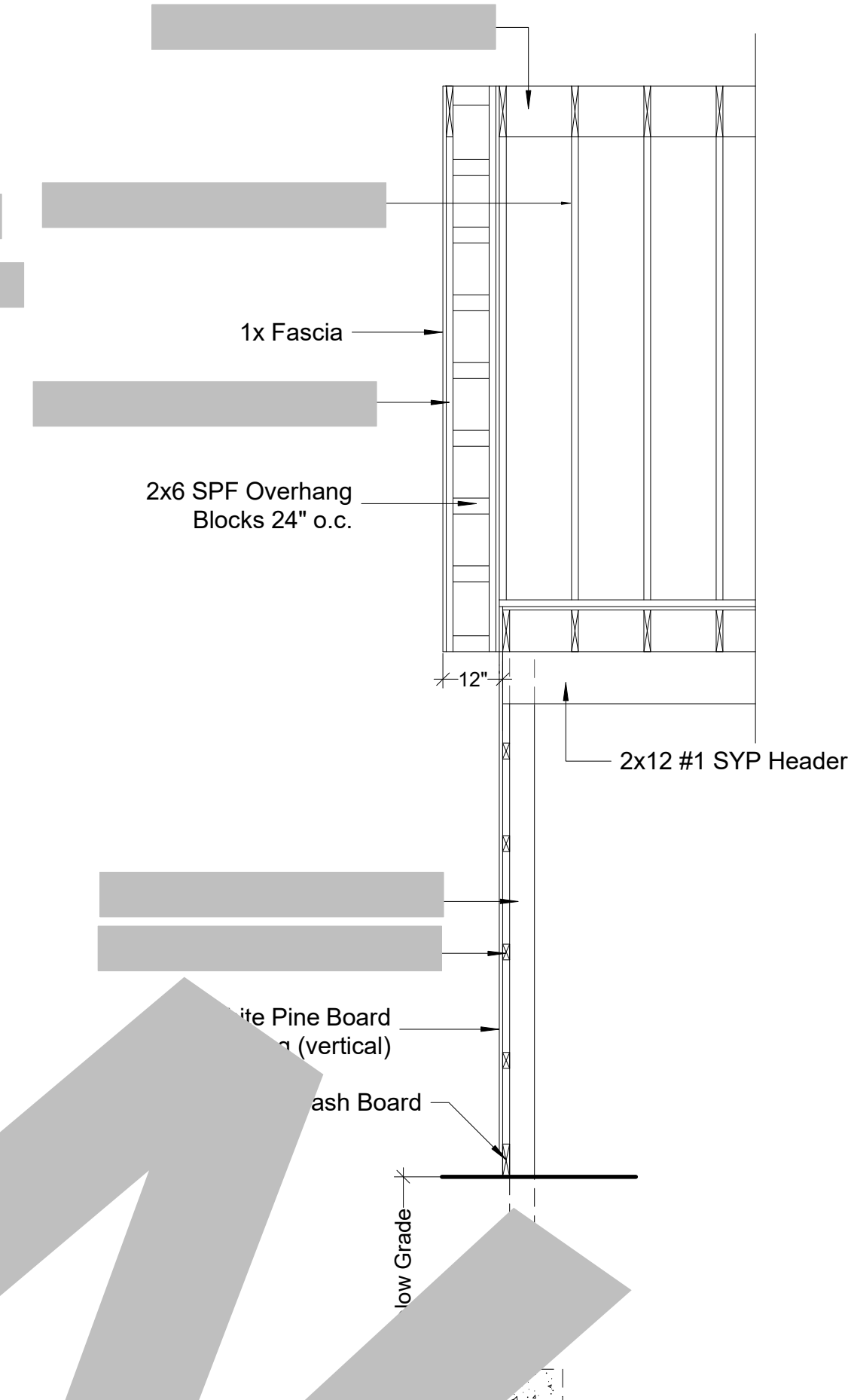
3 OVERHANG DETAIL
 A.2 SCALE: 1" = 1'-0"



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.

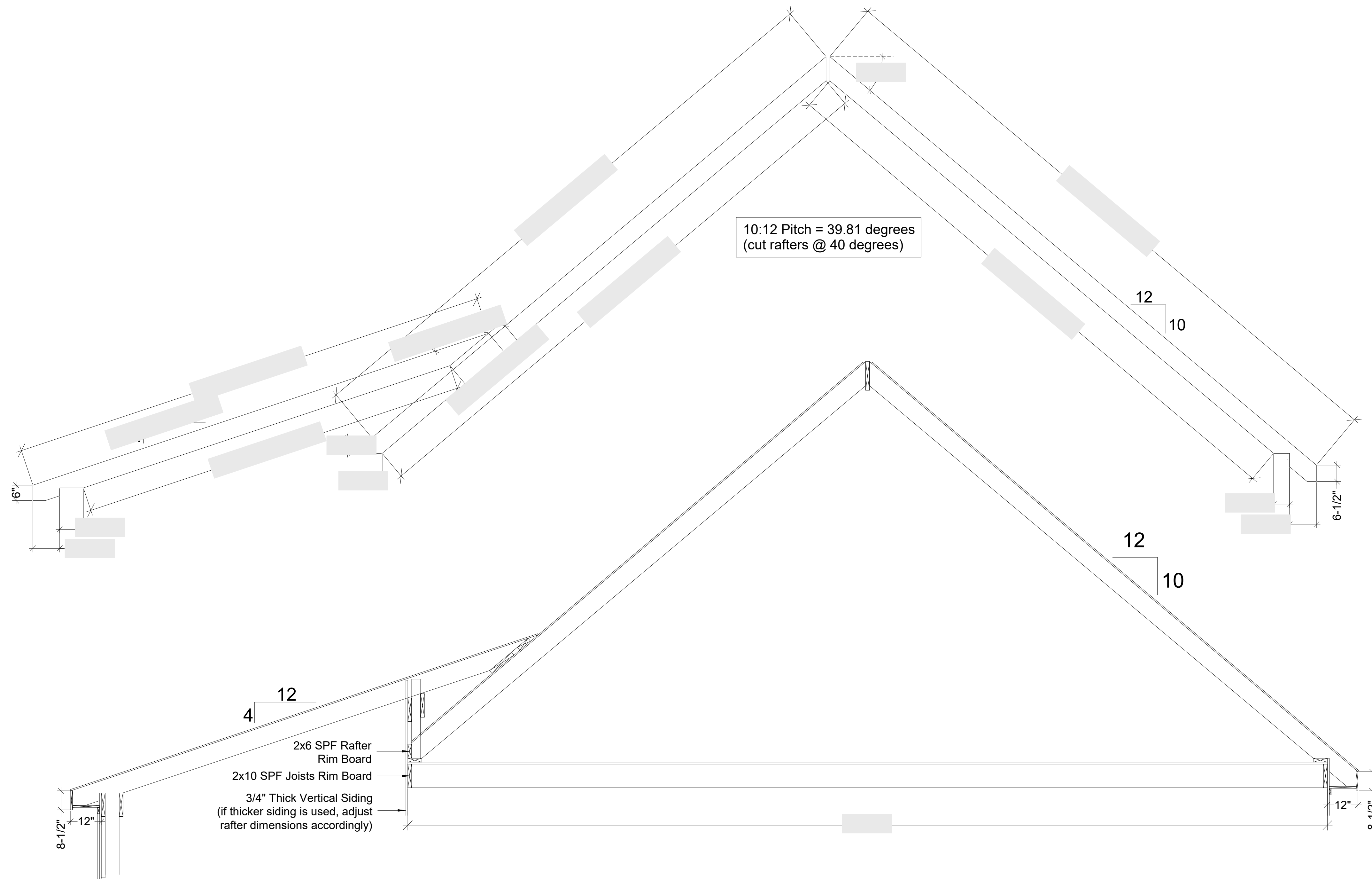
A.2

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.



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SCALE
1"=1'-0"

DATE

DRAWING TITLE
RAFTER DETAILS

SHEET NO.
A.3