

COPYRIGHT PROTECTED DW DESIGN

FINAL LOCATION OF ALL INTERIOR PARTITIONS TO BE DETERMINED AT SITE.

ALL EXTERIOR DECKS, STEPS, RAILS AND SUPPORTS SHOULD MEET STATE AND LOCAL CODES.

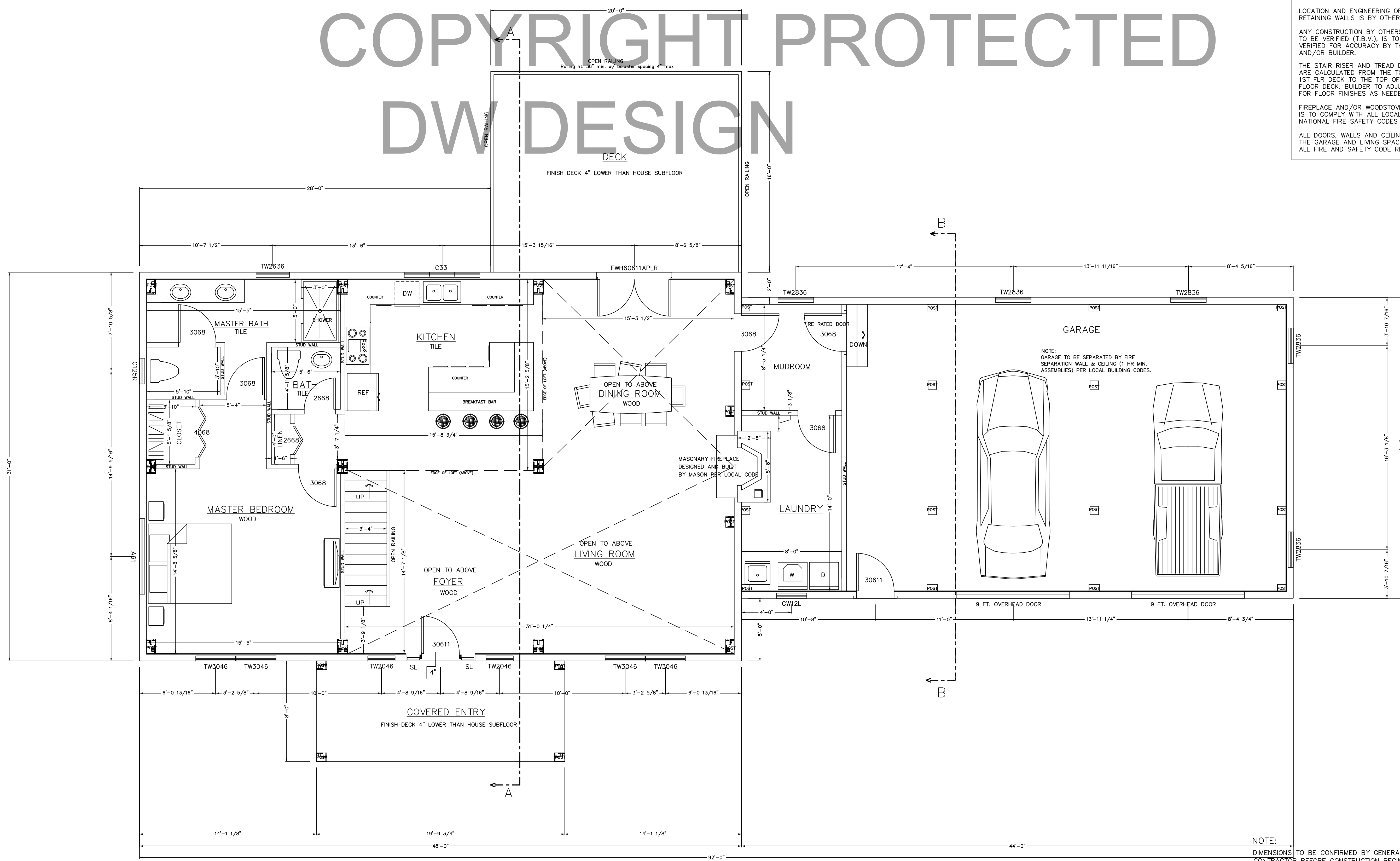
LOCATION AND ENGINEERING OF ANY RETAINING WALLS IS BY OTHERS (B.O.)

ANY CONSTRUCTION BY OTHERS NOTED AS TO BE VERIFIED (T.B.V.), IS TO BE VERIFIED FOR ACCURACY BY THE OWNER AND/OR BUILDER.

THE STAIR RISER AND TREAD DIMENSIONS ARE CALCULATED FROM THE TOP OF THE 1ST FLR DECK TO THE TOP OF THE SECOND FLOOR DECK. BUILDER TO ADJUST FOR FLOOR FINISHES AS NEEDED.

FIREPLACE AND/OR WOODSTOVE INSTALLATION IS TO COMPLY WITH ALL LOCAL, STATE AND NATIONAL FIRE SAFETY CODES AND REGULATIONS.

ALL DOORS, WALLS AND CEILINGS BETWEEN THE GARAGE AND LIVING SPACES ARE TO MEET ALL FIRE AND SAFETY CODE REGULATIONS.



REVISIONS	
NUMBER	DESCRIPTION
1	DATE: 3/9/15
2	DATE: 6/8/15
3	DATE: 10/8/15
4	DATE: 2/18/16

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

DATE: 2/11/15

DRAWN BY: DEW

CHECKED BY:

JOB NAME: **HAWKINS RESIDENCE
LYNCHBURG, TN**

DW TIMBER FRAME DESIGN
TIMBER FRAME & PANEL HOME DESIGN
WWW.TIMBERFRAMEDESIGN.NET
PHONE: (603)852-8251

DO NOT SCALE DIMENSIONS ON THESE DRAWINGS. THESE IMAGES ARE MACHINE REPRODUCTIONS AND MAY CONTAIN A MARGIN OF ERROR.

FIRST FLOOR PLAN PROJECT NORTH

NOTE: DIMENSIONS TO BE CONFIRMED BY GENERAL CONTRACTOR BEFORE CONSTRUCTION BEGINS.

PRIOR TO CONSTRUCTION OF TIMBER FRAME, ALL 1st FLOOR FRAMING MUST BE IN PLACE AND LEVEL

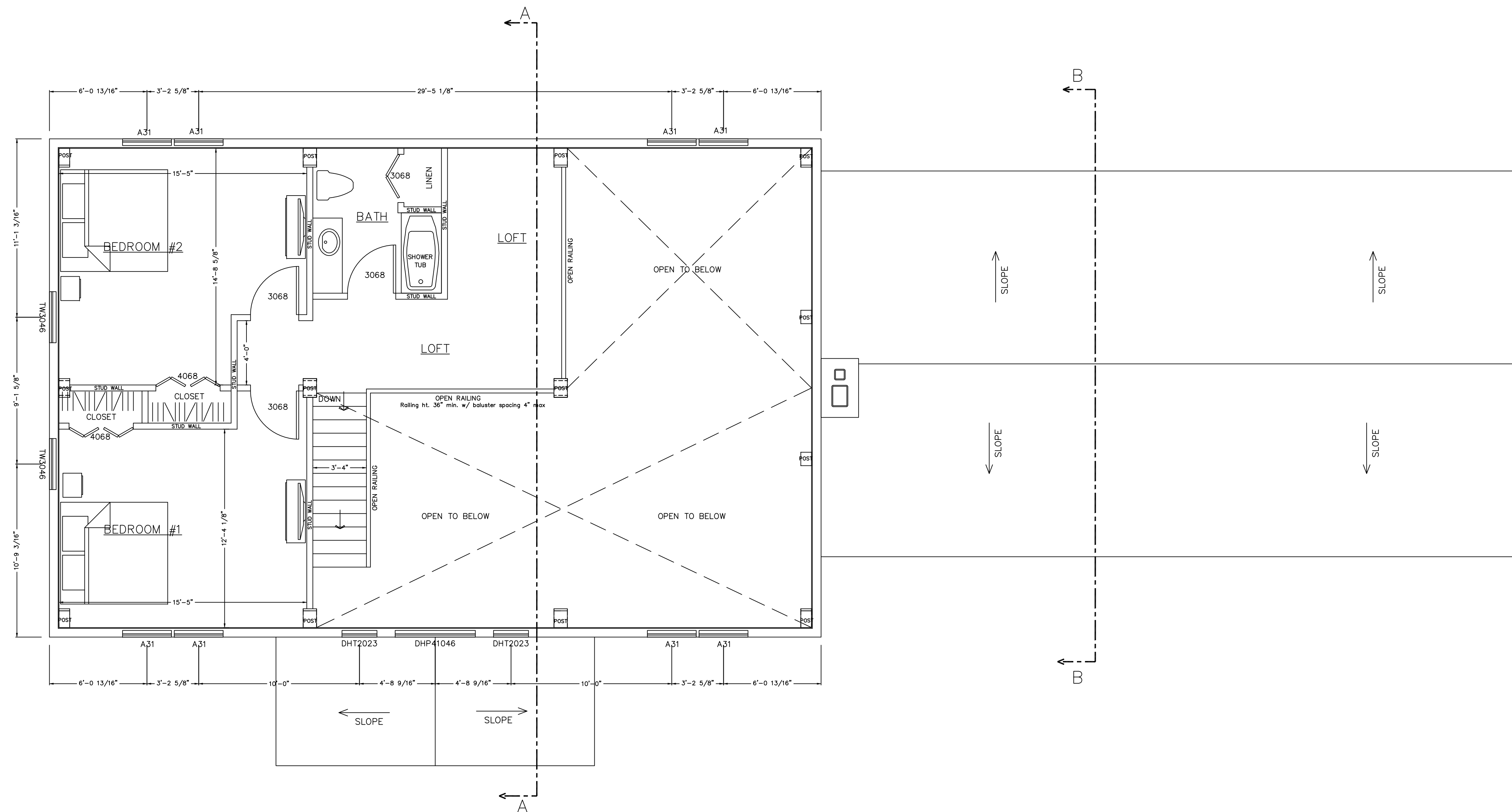
SOLID BLOCKING REQ'D UNDER ALL TIMBER POSTS; BLOCKING TO BE VERTICAL GRAIN TO MINIMIZE COMPRESSION

HARDWARE SMOKE DETECTORS (W/ BATTERY B.U.) EACH FLOOR

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SECOND FLOOR PLAN PROJECT NORTH

NOTE:
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PRIOR TO CONSTRUCTION OF TIMBER FRAME, ALL 1st FLOOR FRAMING MUST BE IN PLACE AND LEVEL.
SOLID BLOCKING REQ'D UNDER ALL TIMBER POSTS; BLOCKING TO BE VERTICAL GRAIN TO MINIMIZE COMPRESSION.
HARDWIRE SMOKE DETECTORS (W/ BATTERY B.U.) EACH FLOOR

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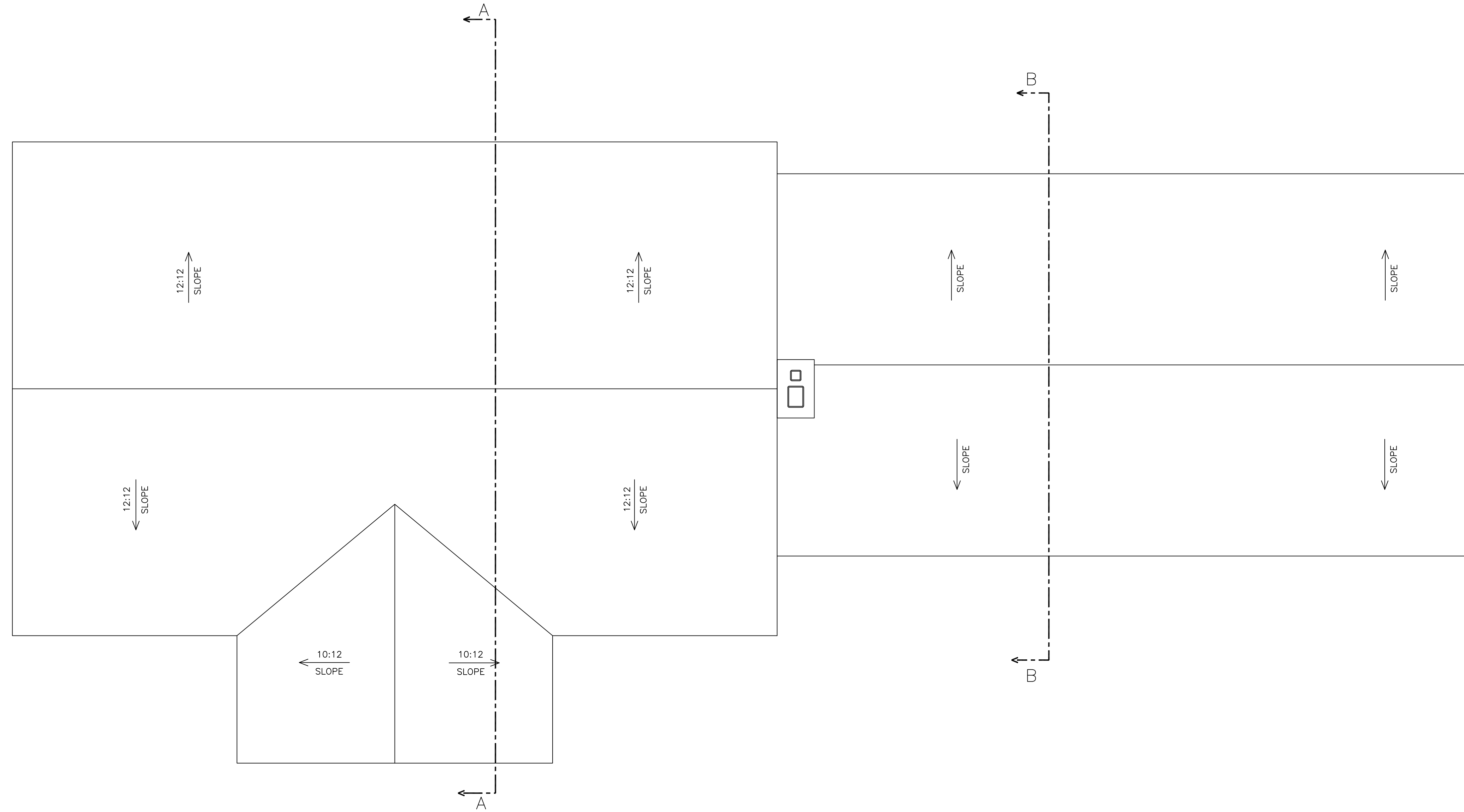
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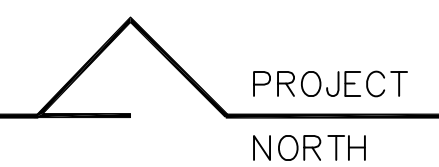
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ROOF PLAN



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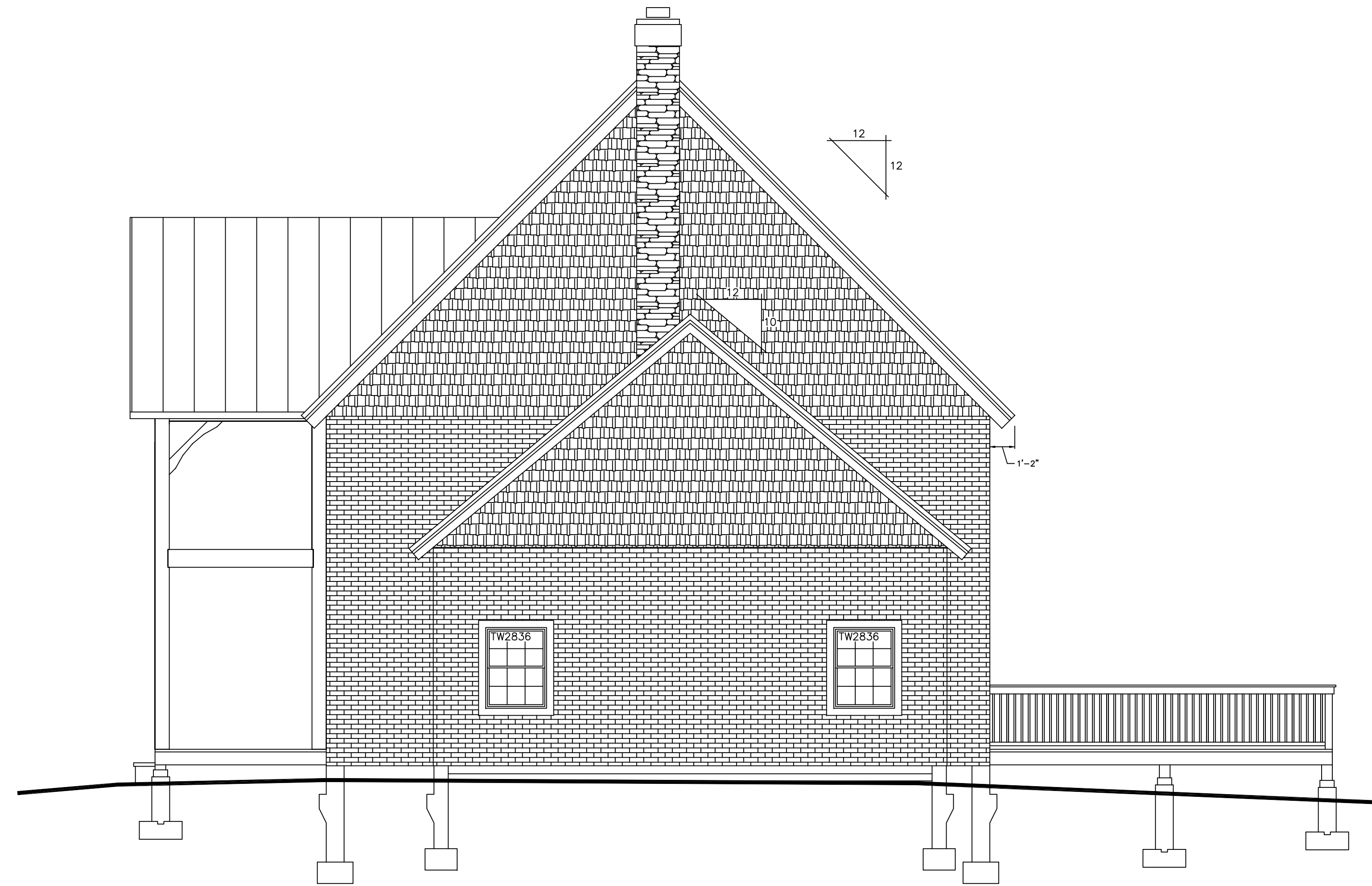
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EAST ELEVATION

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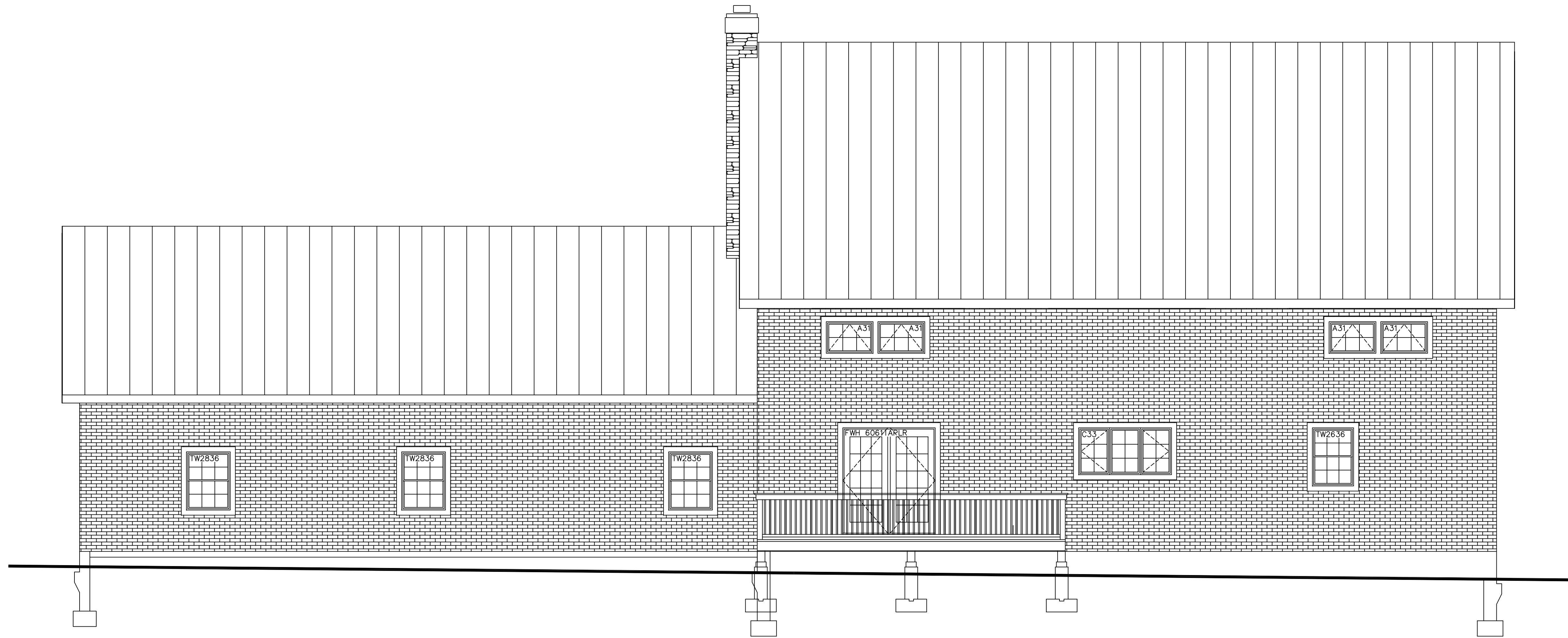
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NORTH ELEVATION

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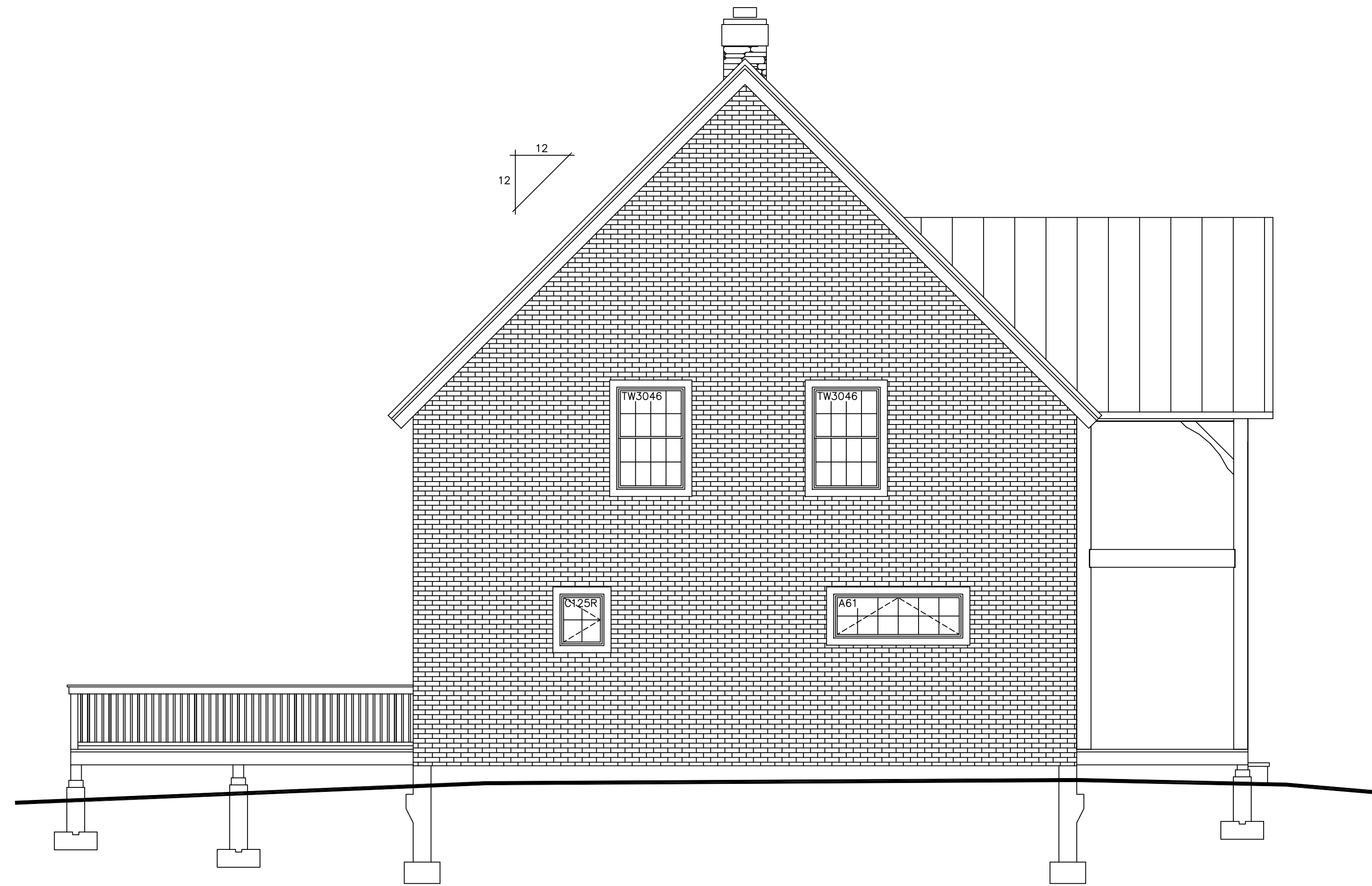
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WEST ELEVATION

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CONCRETE NOTES:

1. ALL FOUNDATION FOOTING CONCRETE TO BE 3000 PSI DESIGN MIX.
2. ALL FOUNDATION WALL CONCRETE TO BE 3000 PSI, MIN.
3. ALL FLOOR SLAB TO BE 3500 PSI DESIGN MIX. WET CURE 7 DAYS.
4. CONCRETE SLAB TO BE 4" THICK W/ 6x6x#10 W.W.F.
5. CONCRETE SLAB TO HAVE CONTROL JOINTS.
6. MINIMUM SOIL BEARING CAPACITY OF 2000 PSF.
7. STEEL BARS TO BE GRADE 60.
8. CONCRETE TO BE PLACED WITH A SLUMP NOT TO EXCEED 5".
9. LAP SPLICES IN STEEL TO BE 30 BAR DIAMETER.
10. ALL STEEL REINFORCING SPECIFICATIONS TO BE REVIEWED AND APPROVED BY LOCAL ENGINEER & MUST MEET ALL APPLICABLE CODES.
11. CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS".
12. ALL FOOTINGS TO BEAR ON UNDISTURBED SOIL BELOW FROST LINE.
13. ALL FOOTING SIZES AND CONC. SPEC.'S SHALL BE VERIFIED BY LOCAL ENGINEER.

SOILS NOTES:

1. PLACE FOOTINGS ON UNDISTURBED SOIL.
2. BACK FILL SHALL BE PLACED IN 12" LOOSE LIFTS AND COMPACTED TO 95% ASTM DD 1557 INSIDE BUILDING AND 90% OUTSIDE.
3. BACK FILL SHALL BE PLACED SIMULTANEOUSLY ON EACH SIDE OF THE WALL.

GENERAL NOTES:

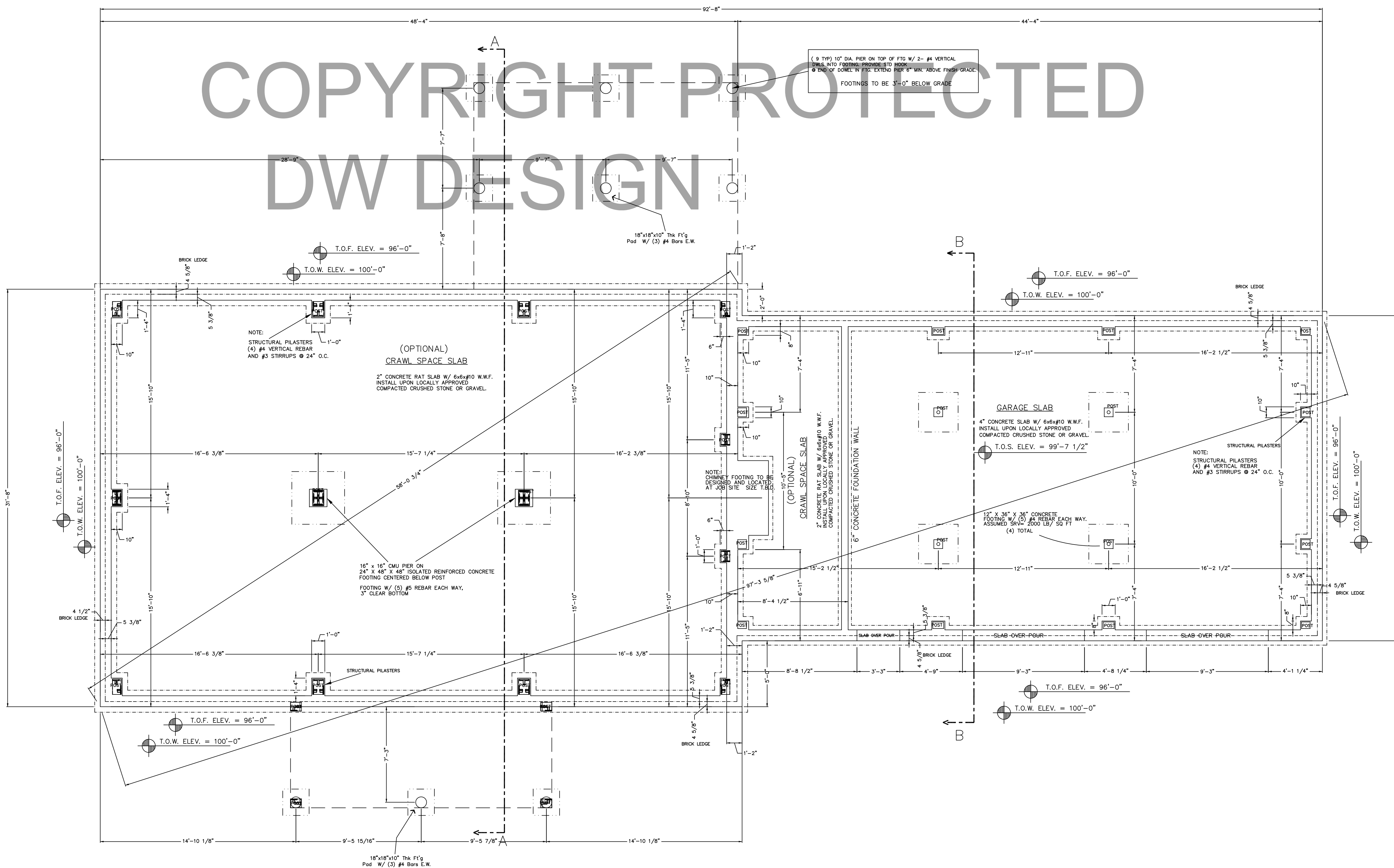
1. DOOR AND WINDOW OPENINGS PER OWNER
2. G.C. IS RESPONSIBLE TO MAKE ALL WINDOW WELLS MEET LOCAL & APPLICABLE CODES

LEGEND:

- T.O.F. = TOP OF FOOTING
- T.O.S. = TOP OF SLAB
- T.O.W. = TOP OF WALL
- T.B.V. = TO BE VERIFIED
- T.B.D. = TO BE DETERMINED

- OUTLINE OF TIMBER POST ABOVE
- POSTS ALIGNED TO CENTER

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FOUNDATION PLAN

PROJECT
NORTH

10" CONCRETE FOUNDATION WALL ON AN 12" x 20" CONTINUOUS CONCRETE FOOTING. FOOTING TO BE BELOW FROST LINE AND BE REINFORCED AS REQUIRED.

NOTE:
ALL FOUNDATION ELEVATIONS ARE BASED FROM TOP OF FOUNDATION WALL
SEE NOTE: REFERENCE LEVEL

NOTE:
SIMPSON STRAPPING METAL STAP EMBEDDED IN CONCRETE AND NAILED TO ALL TIMBER POSTS

NOTE:
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PRIOR TO CONSTRUCTION OF TIMBER FRAME, ALL 1st FLOOR FRAMING MUST BE IN PLACE AND LEVEL

SOLID BLOCKING REQ'D UNDER ALL TIMBER POSTS: BLOCKING TO BE VERTICAL GRAIN TO MINIMIZE COMPRESSION

HARDWIRE SMOKE DETECTORS (W/ BATTERY B.U.) EACH FLOOR

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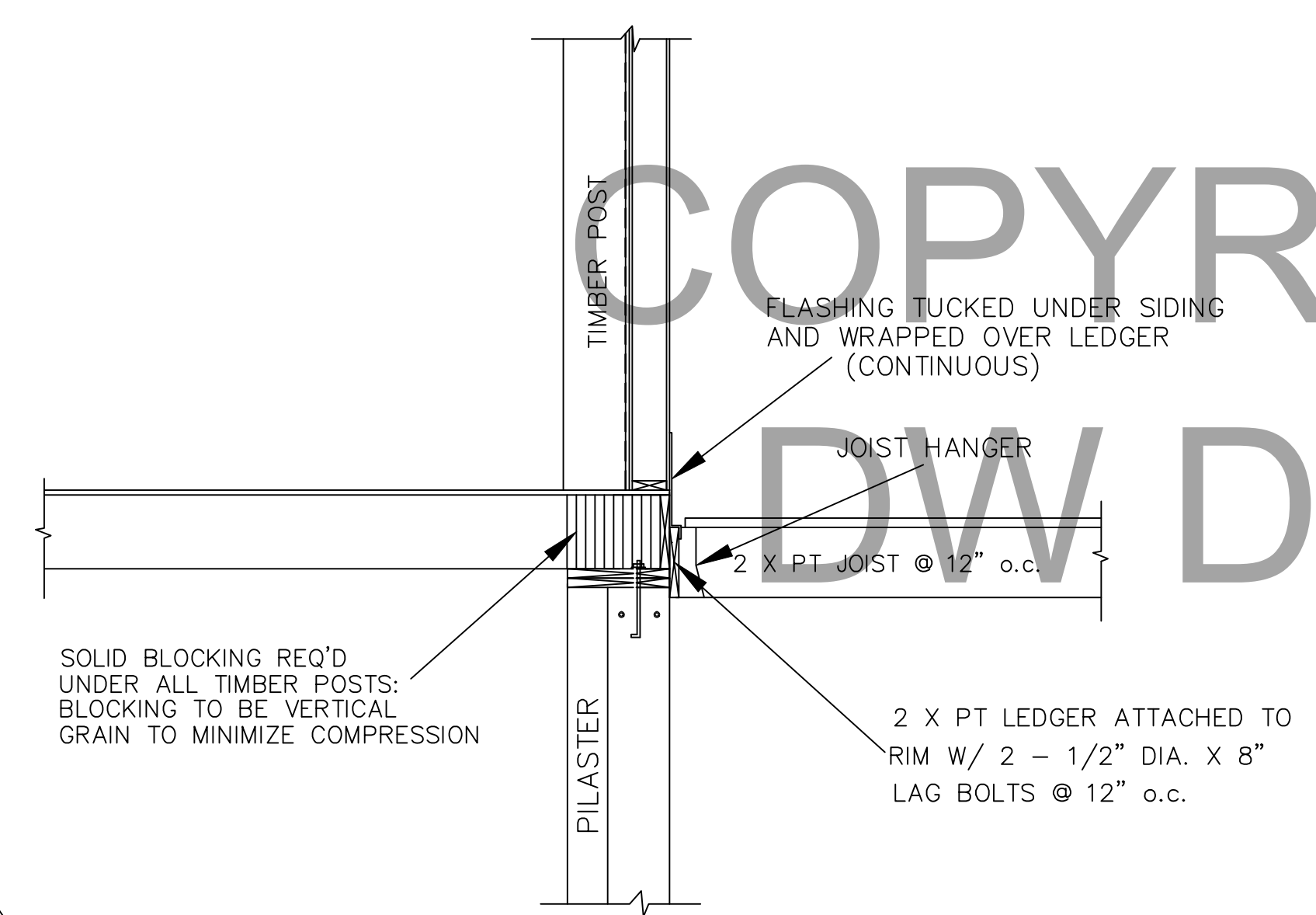
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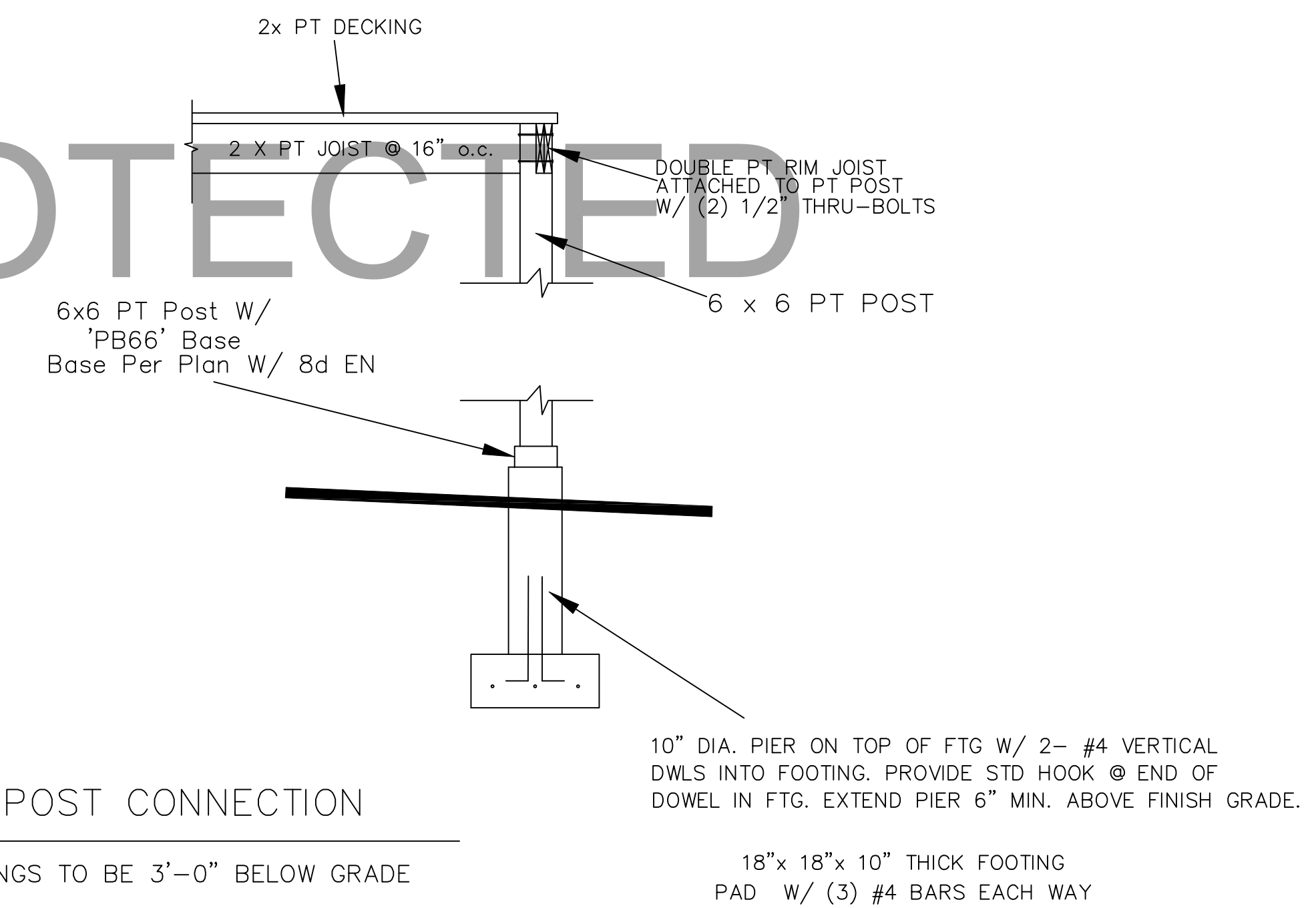
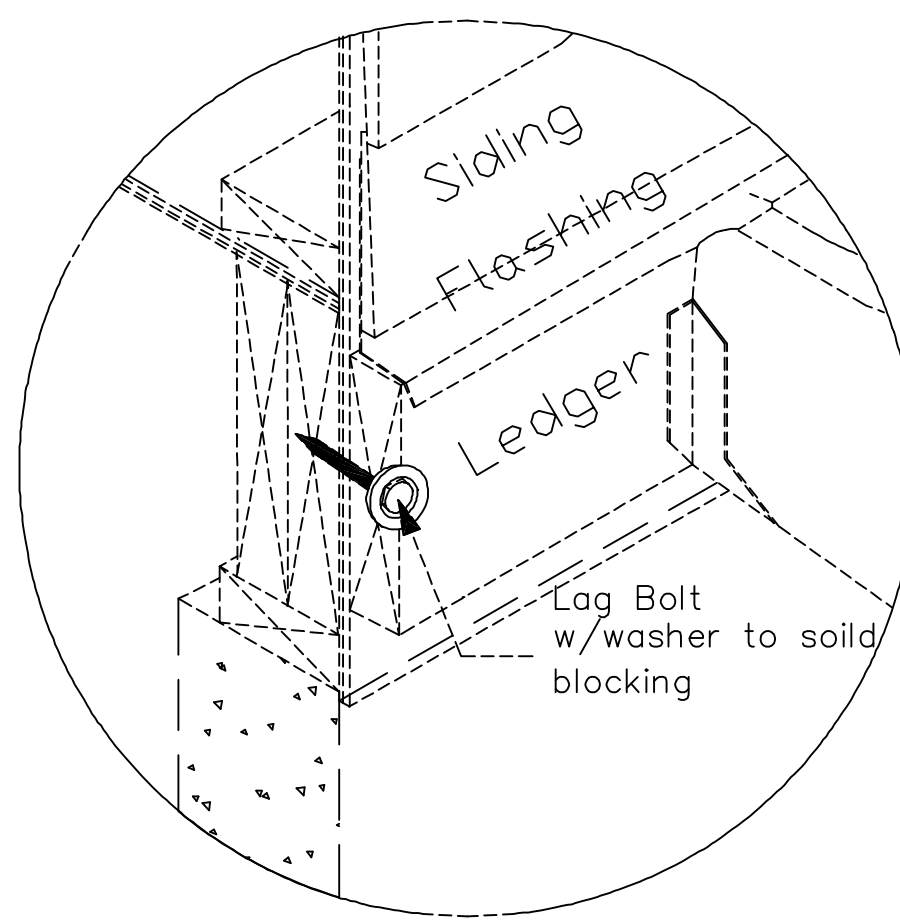
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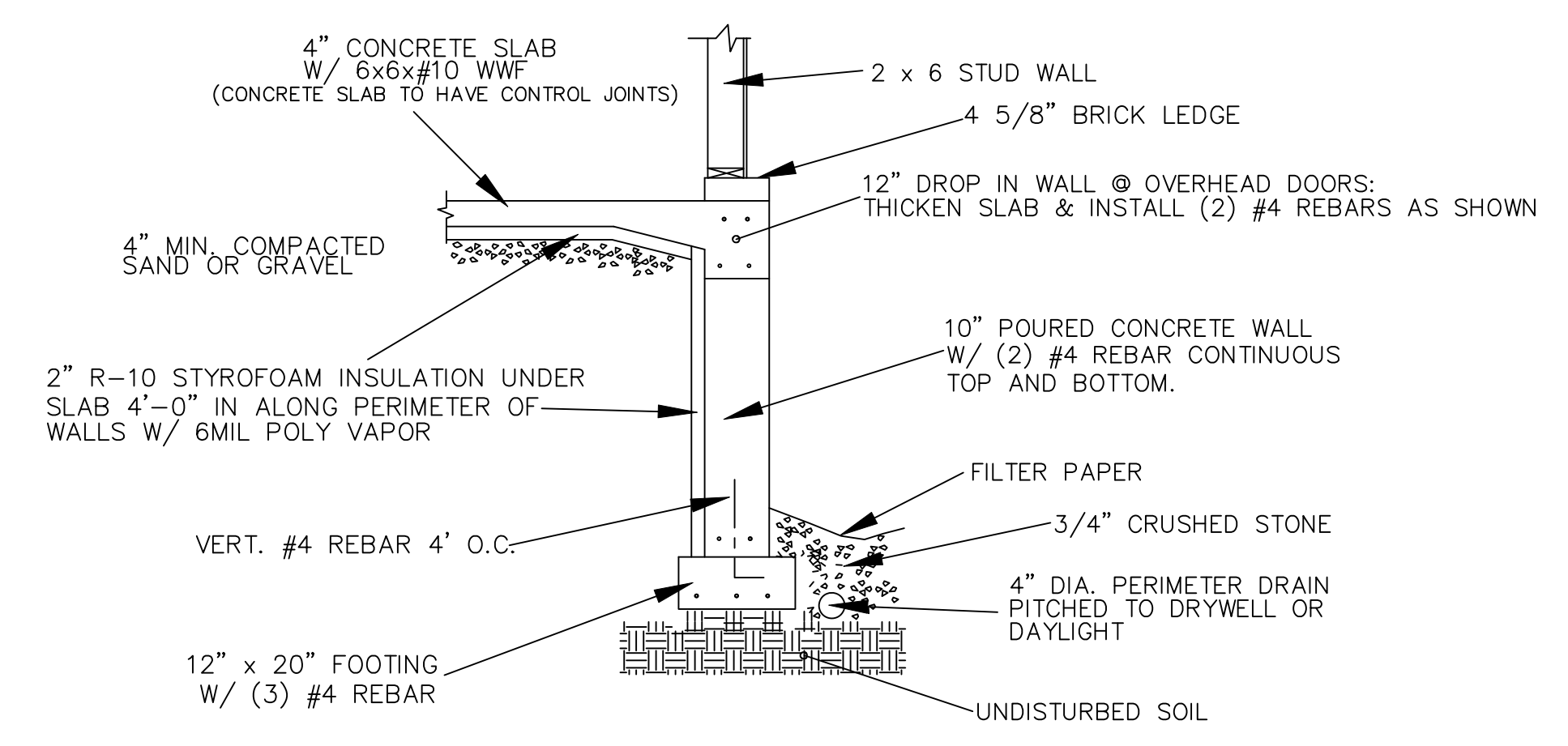
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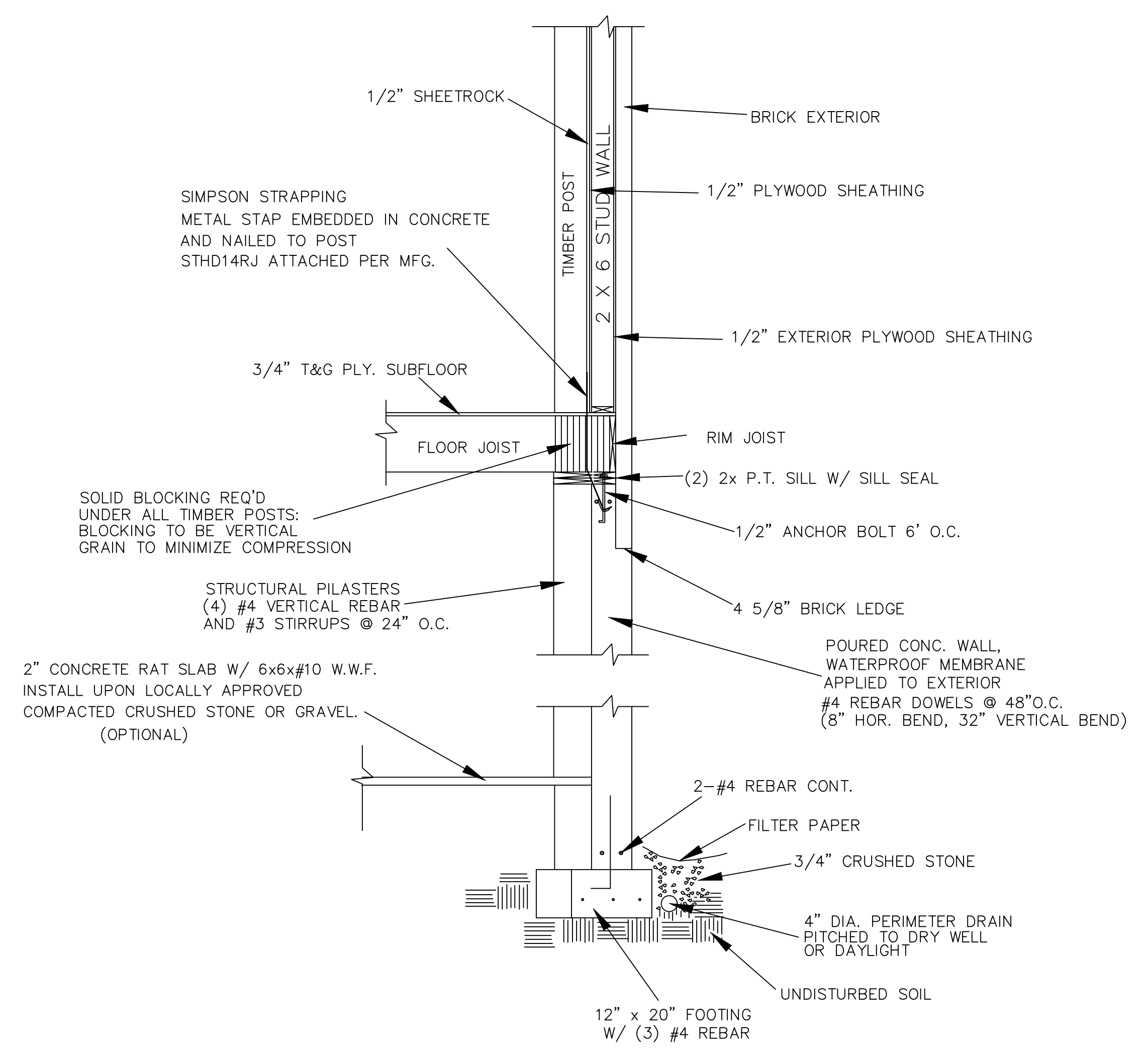
D7 DECK / PORCH TO HOUSE CONNECTION



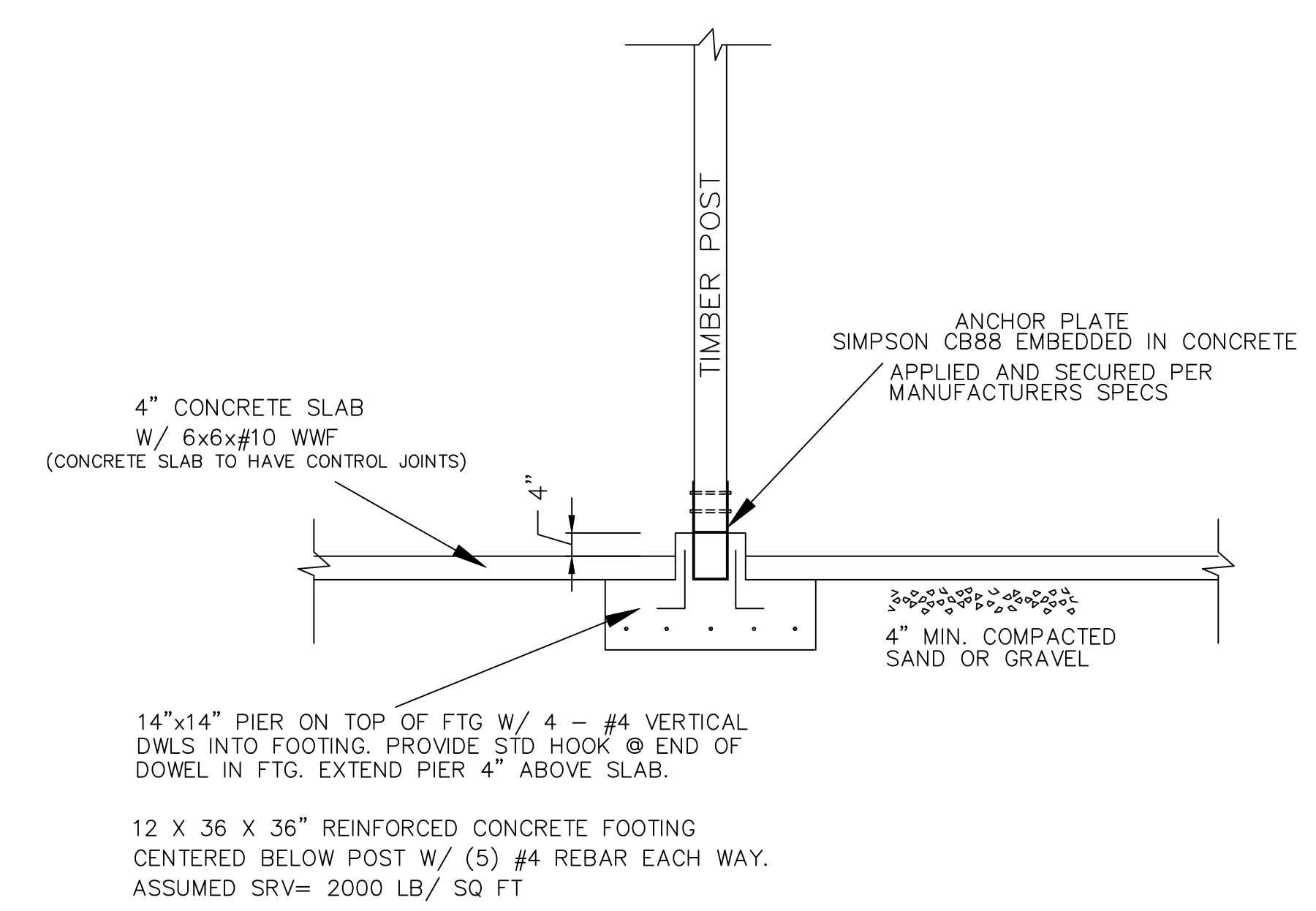
D8 DECK POST CONNECTION
FOOTINGS TO BE 3'-0" BELOW GRADE



D6 DETAIL @ GARAGE DOOR/WALL



D1 STANDARD TIMBER WALL SECTION



D2 INTERIOR TIMBER POST POST CONNECTION

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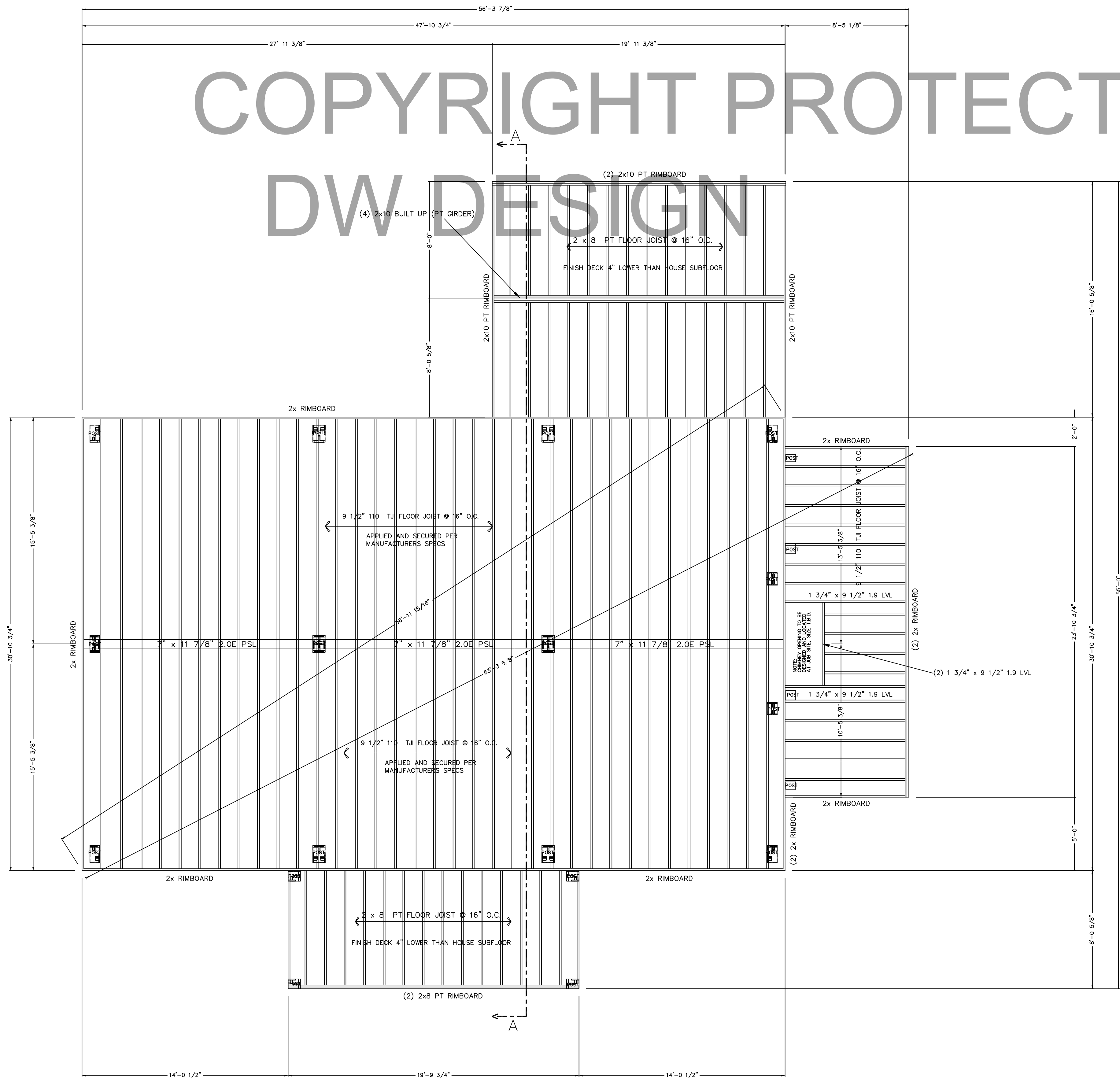
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FLOOR FRAMING NOTES:

1. DIMENSIONS TO BE CONFIRMED BY GENERAL CONTRACTOR BEFORE CONSTRUCTION BEGINS.
2. VERIFY PT SILL OVERHANG OUTSIDE OF CONCRETE PER DETAIL(S). VERIFY RIM JOIST OFFSET FROM EDGE OF PT SILL PER DETAIL(S).
3. DIMENSIONAL RIM JOIST TO BE KD SPF#2 OR BETTER.
4. EXTERIOR DIMENSIONS SHOWN ARE TO OUTSIDE OF RIM JOISTS.
5. REFER TO FOUNDATION DETAILS FOR MORE INFORMATION.
6. PROVIDE SOLID BLOCKING & CONTINUOUS SUPPORT BELOW ALL TIMBER POSTS. LOCATIONS ARE INDICATED ON THE TIMBER FRAMING PLAN.
7. ALL COLUMNS MUST BE IN PLACE PRIOR TO GIRDER INSTALLATION.
8. CROSS BRIDGING WHERE REQUIRED BY CODE.
9. HEARTH FRAMING TO BE DETERMINED BY BUILDER & MASON.
10. REFER TO JOIST/BEAM MANUFACTURER'S LITERATURE FOR PROPER FRAMING DETAILS & SPECIFICATIONS, INSTALLING BLOCKING, SQUASH BLOCKS/WEB STIFFENERS, ETC. AS REQUIRED.
11. REFER TO JOIST MANUF. LITERATURE FOR SPECIFICATIONS FOR CUTTING HOLES IN JOIST WEB.
12. FASTEN ALL MANUFACTURED FLOOR FRAMING MATERIALS PER MANUF. SPECIFICATIONS.

OUTLINE OF TIMBER POST ABOVE POSTS ALIGNED TO CENTER



FIRST FLOOR FRAMING PLAN

PROJECT NORTH

REFER TO JOIST/BEAM MANUFACTURER'S LITERATURE FOR PROPER FRAMING DETAILS & SPECIFICATIONS, INSTALLING BLOCKING, SQUASH BLOCKS/WEB STIFFENERS, ETC. AS REQUIRED.

NOTE:
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HARDWIRE SMOKE DETECTORS (W/ BATTERY B.U.) EACH FLOOR

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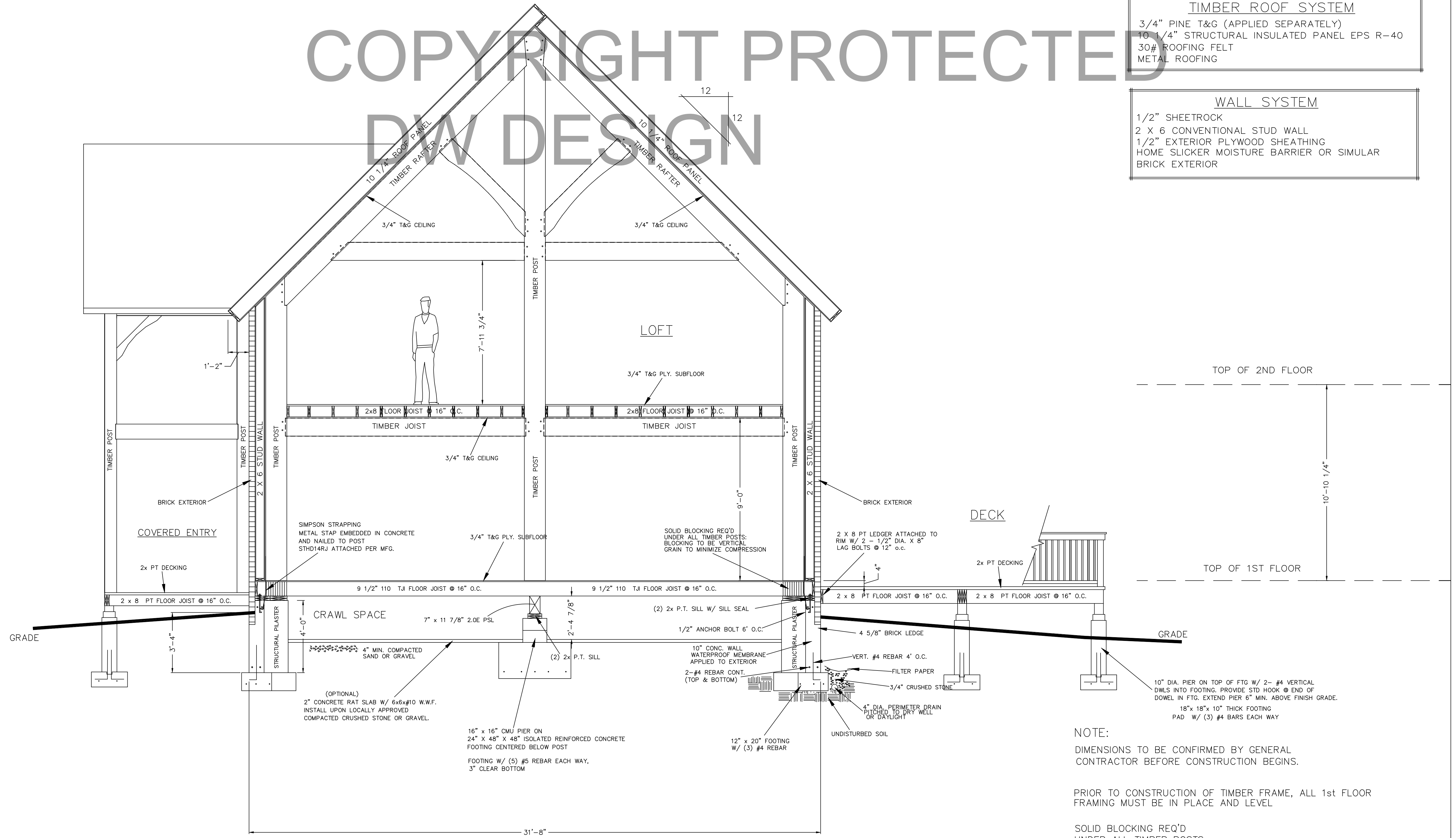
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TIMBER ROOF SYSTEM
 3/4" PINE T&G (APPLIED SEPARATELY)
 10 1/4" STRUCTURAL INSULATED PANEL EPS R-40
 30# ROOFING FELT
 METAL ROOFING

WALL SYSTEM
 1/2" SHEETROCK
 2 X 6 CONVENTIONAL STUD WALL
 1/2" EXTERIOR PLYWOOD SHEATHING
 HOME SLICKER MOISTURE BARRIER OR SIMILAR
 BRICK EXTERIOR



BUILDING SECTION A-A

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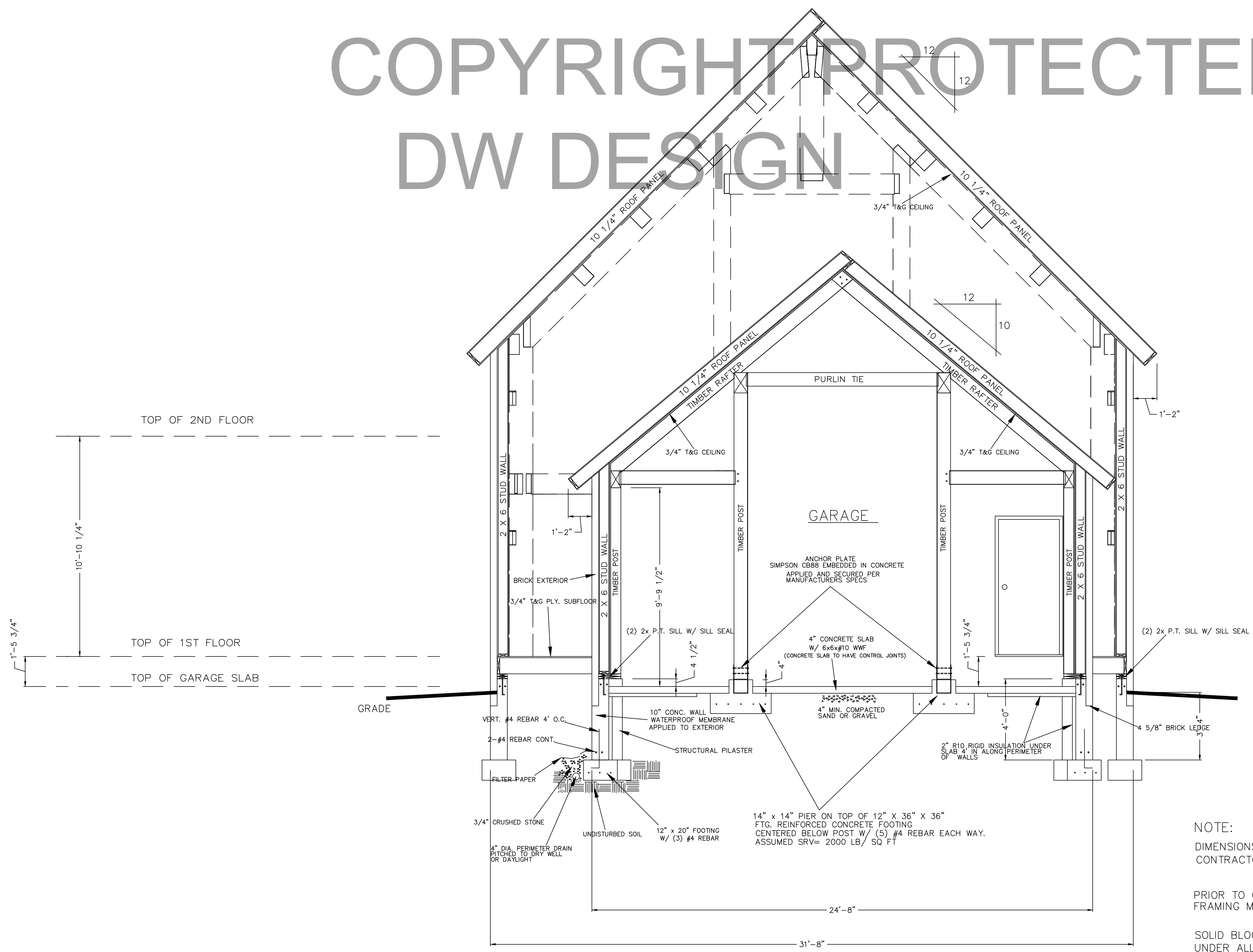
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 BRICK EXTERIOR



BUILDING SECTION B-B

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