

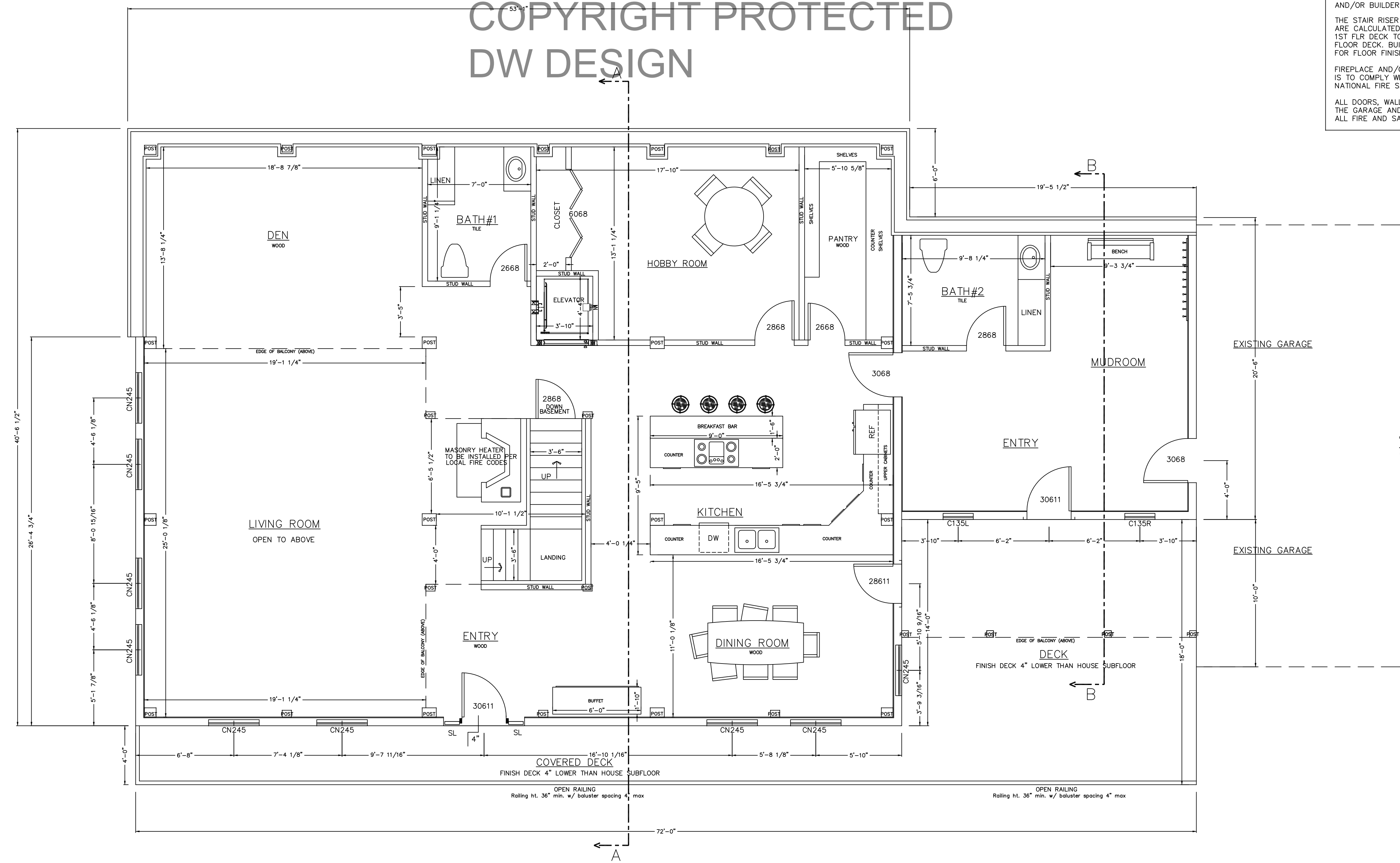
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FINAL LOCATION OF ALL INTERIOR PARTITIONS TO BE DETERMINED AT SITE.
ALL EXTERIOR DECKS, STEPS, RAILS AND SUPPORTS SHOULD MEET STATE AND LOCAL CODES
LOCATION AND ENGINEERING OF ANY RETAINING WALLS IS BY OTHERS (B.O.)
ANY CONSTRUCTION BY OTHERS NOTED 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.



FIRST FLOOR PLAN PROJECT NORTH

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

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
BASEMENT TO HAVE CO DETECTOR
HARDWIRE SMOKE DETECTORS (W/ BATTERY B.U.) EACH FLOOR

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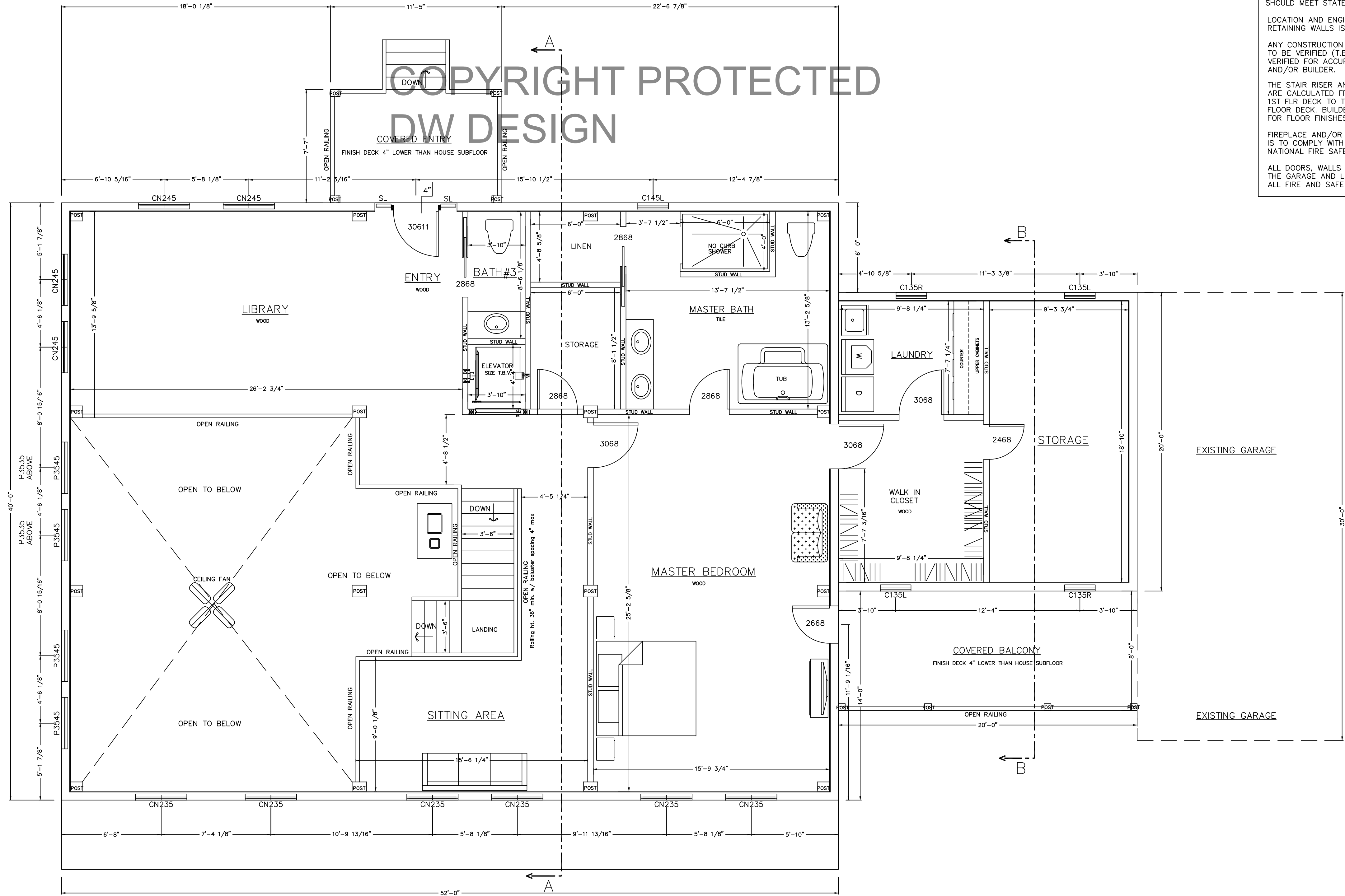
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DW TIMBER FRAME DESIGN
TIMBER FRAME & PANEL HOME DESIGN
WWW.TIMBERFRAMEDESIGN.NET
PHONE: (603)852-8251

A-1



SECOND FLOOR PLAN PROJECT NORTH

FINAL LOCATION OF ALL INTERIOR PARTITIONS TO BE DETERMINED AT SITE.
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2	DATE: 1/4/20
3	DATE: 2/19/20
4	DATE: 2/20/20

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NOTE:
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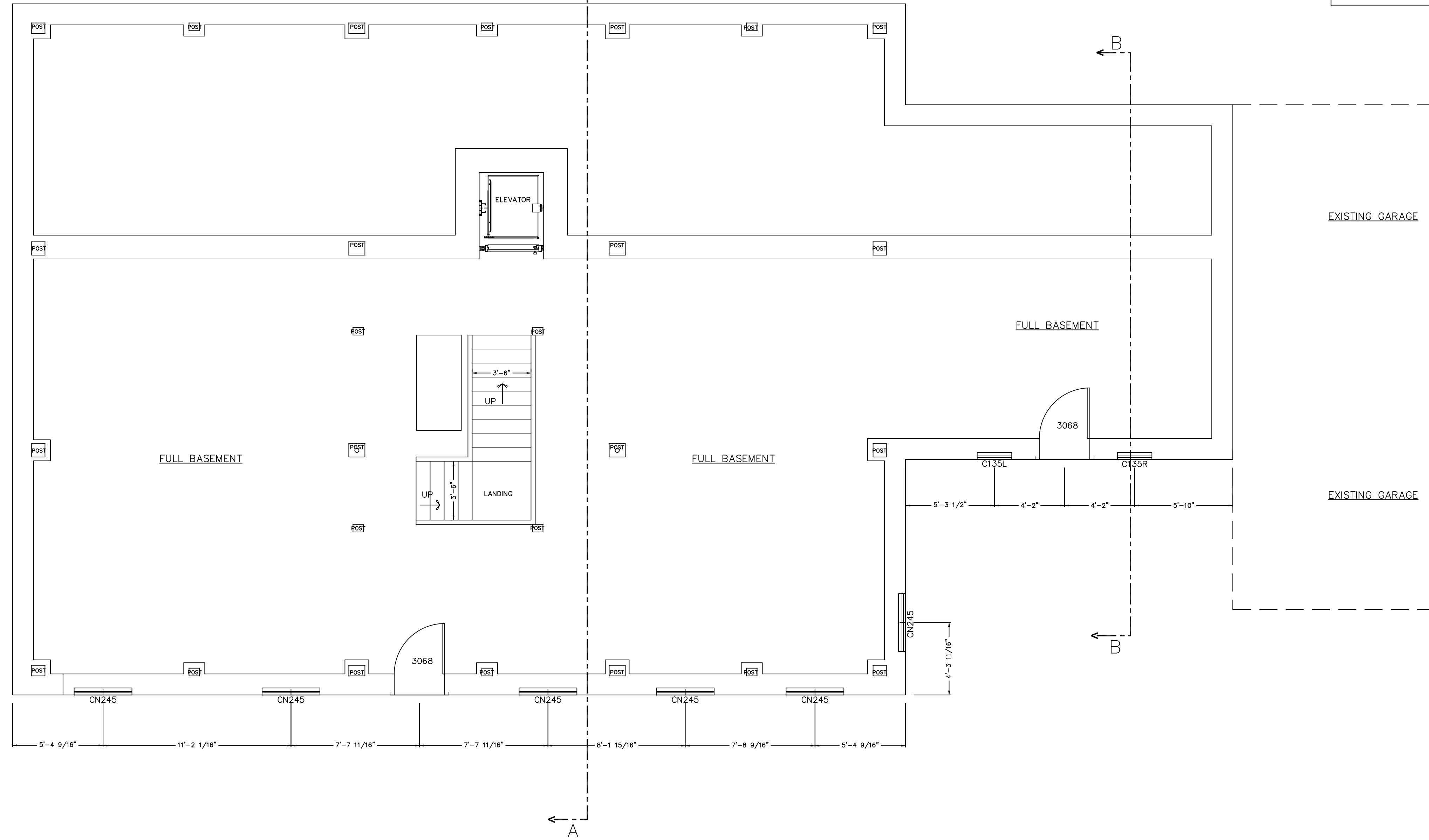
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OUTLINE OF TIMBER POST ABOVE
POSTS ALIGNED TO CENTER

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BASEMENT PLAN PROJECT NORTH

NOTE:
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BLOCKING TO BE VERTICAL GRAIN TO MINIMIZE COMPRESSION
BASEMENT TO HAVE CO DETECTOR HARDWIRE SMOKE DETECTORS (W/ BATTERY B.U.) EACH FLOOR

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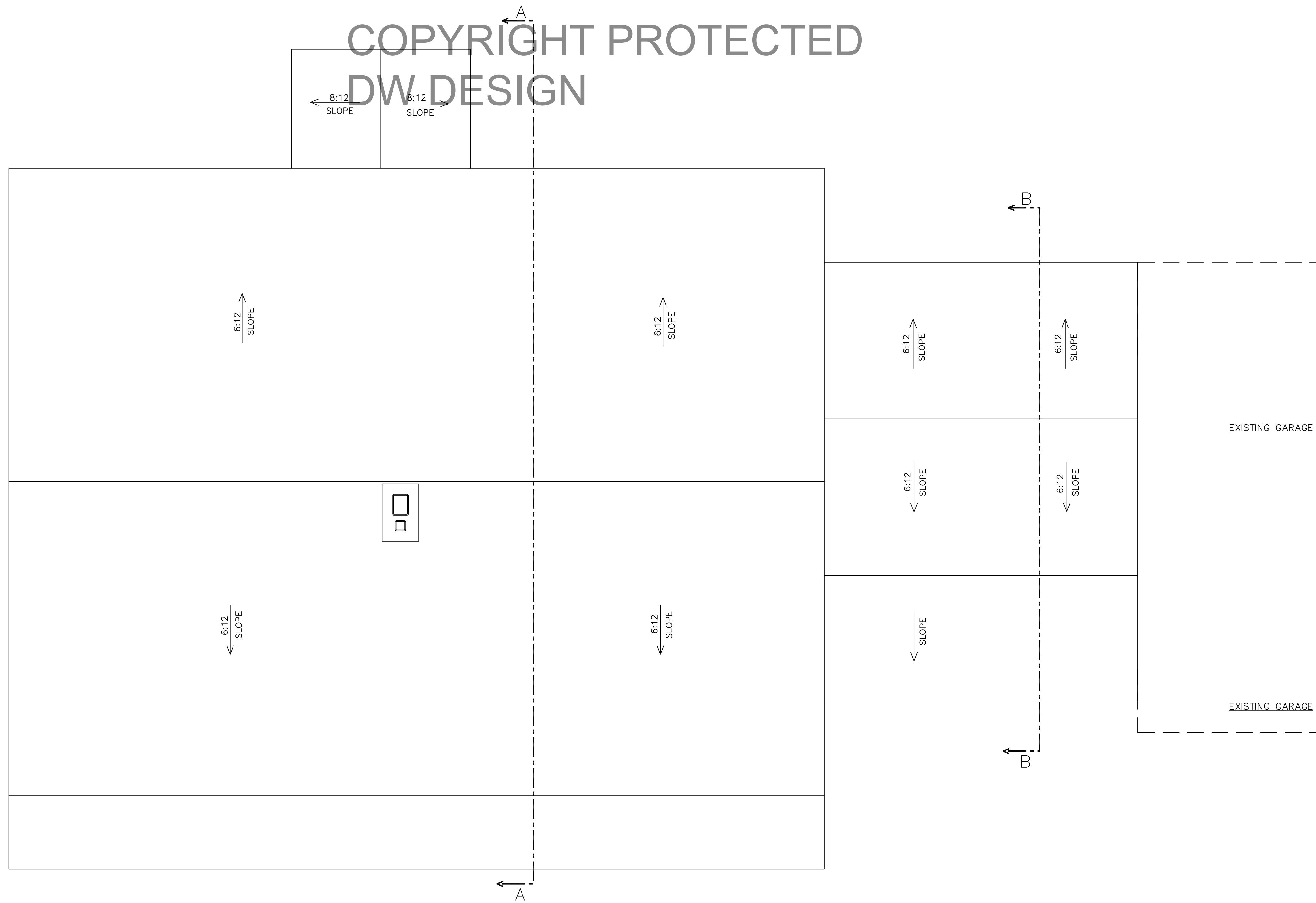
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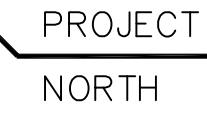
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ROOF PLAN



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SOUTH ELEVATION

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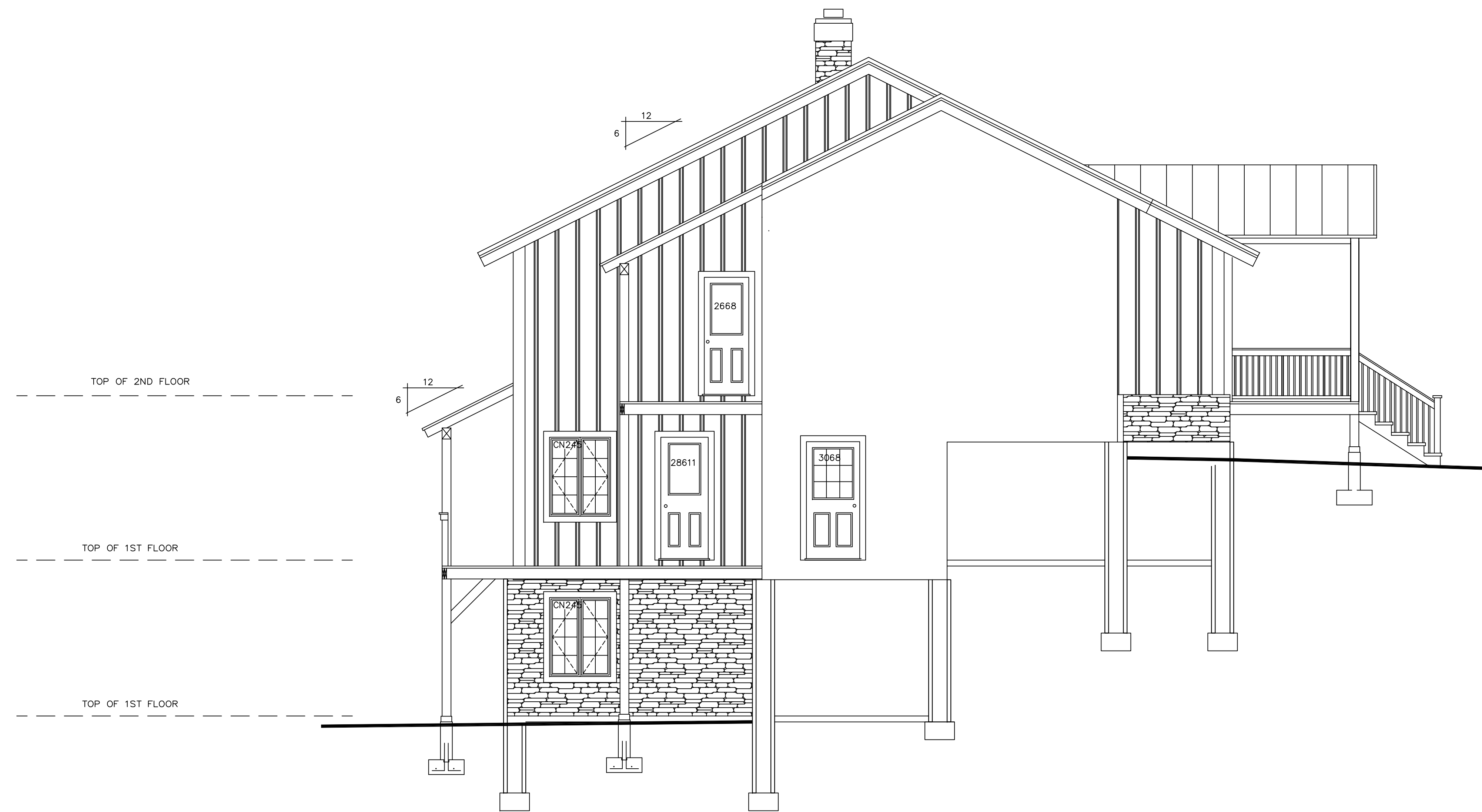
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EAST ELEVATION

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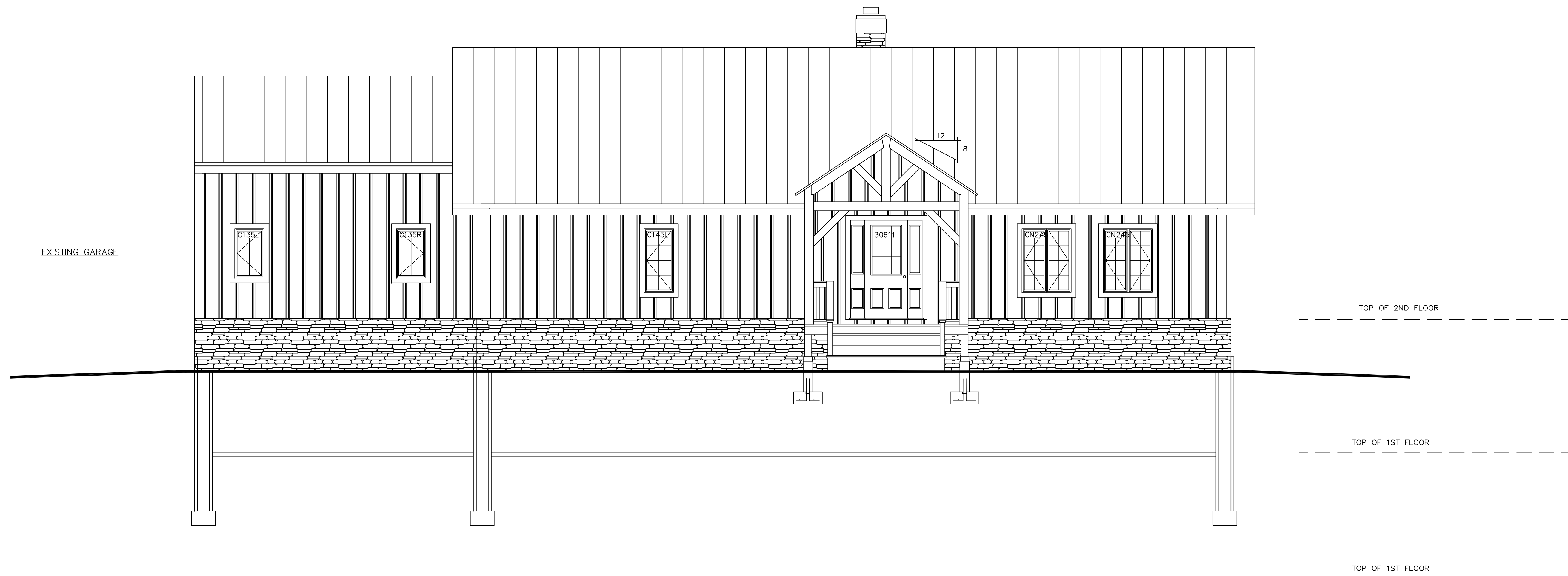
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NORTH ELEVATION

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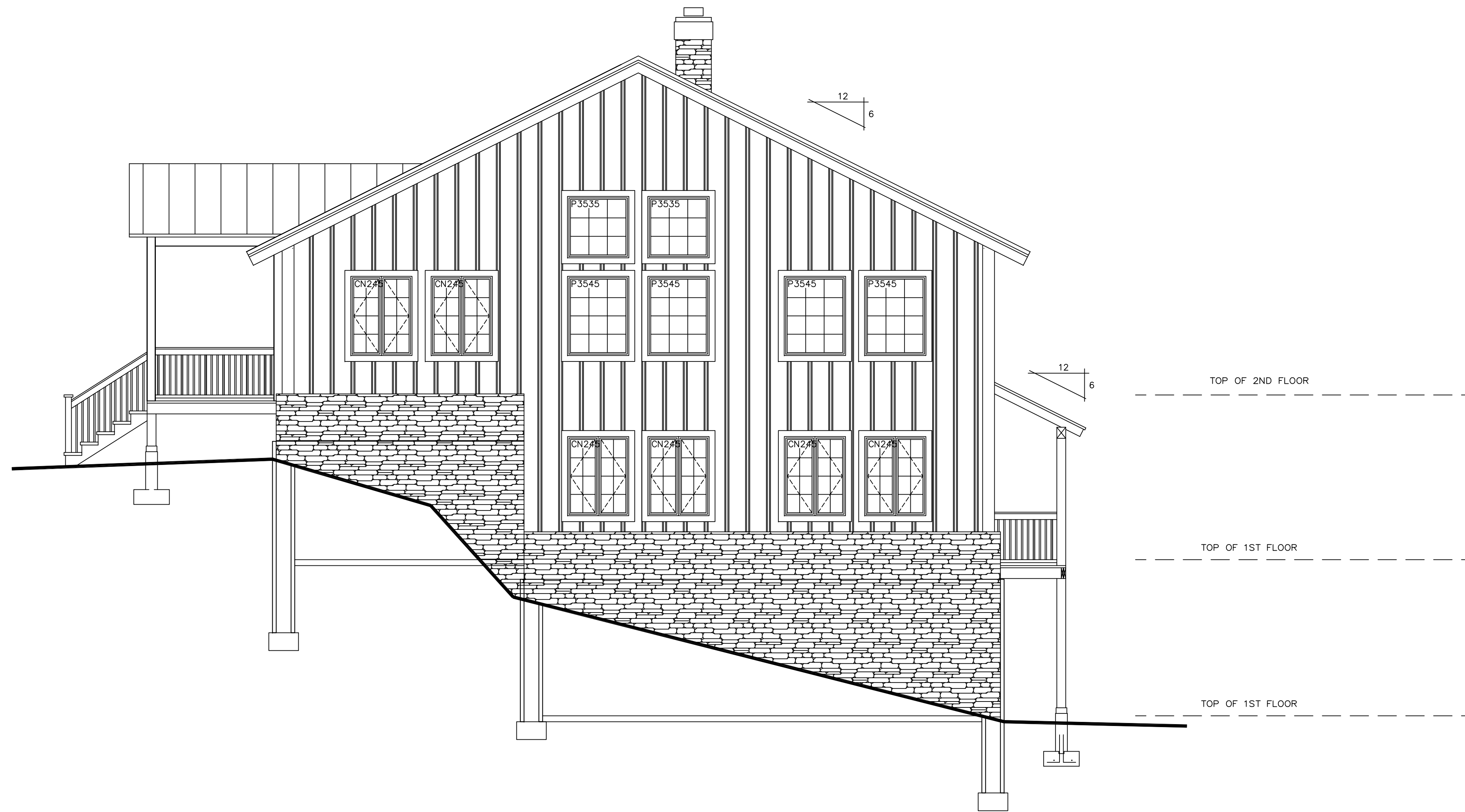
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WEST ELEVATION

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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:

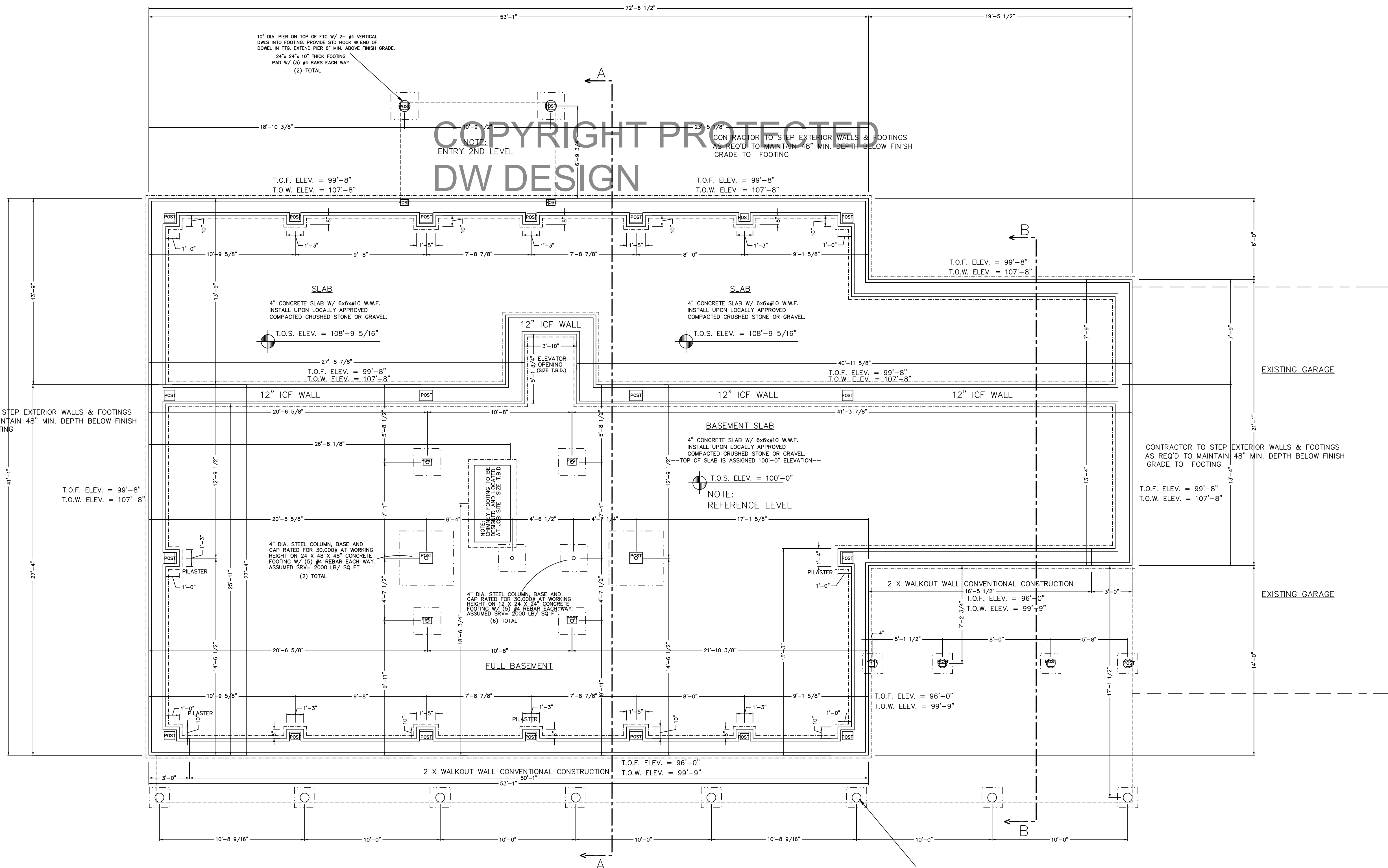
1. DOOR AND WINDOW OPENINGS PER OWNER
2. G.C. IS RESPONSIBLE TO MAKE ALL WINDOW WELLS MEET LOCAL & APPLICABLE CODES

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" & 12" ICF FOUNDATION WALL ON AN 12" x 20" & 12" x 24" CONTINUOUS CONCRETE FOOTING. FOOTING TO BE BELOW FROST LINE AND BE REINFORCED AS REQUIRED.

NOTE:
ALL FOUNDATION ELEVATIONS ARE BASED FROM BASEMENT SLAB
SEE NOTE:
REFERENCE LEVEL

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

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

BASEMENT TO HAVE CO DETECTOR
HARDWIRE SMOKE DETECTORS (W/ BATTERY B.U.) EACH FLOOR

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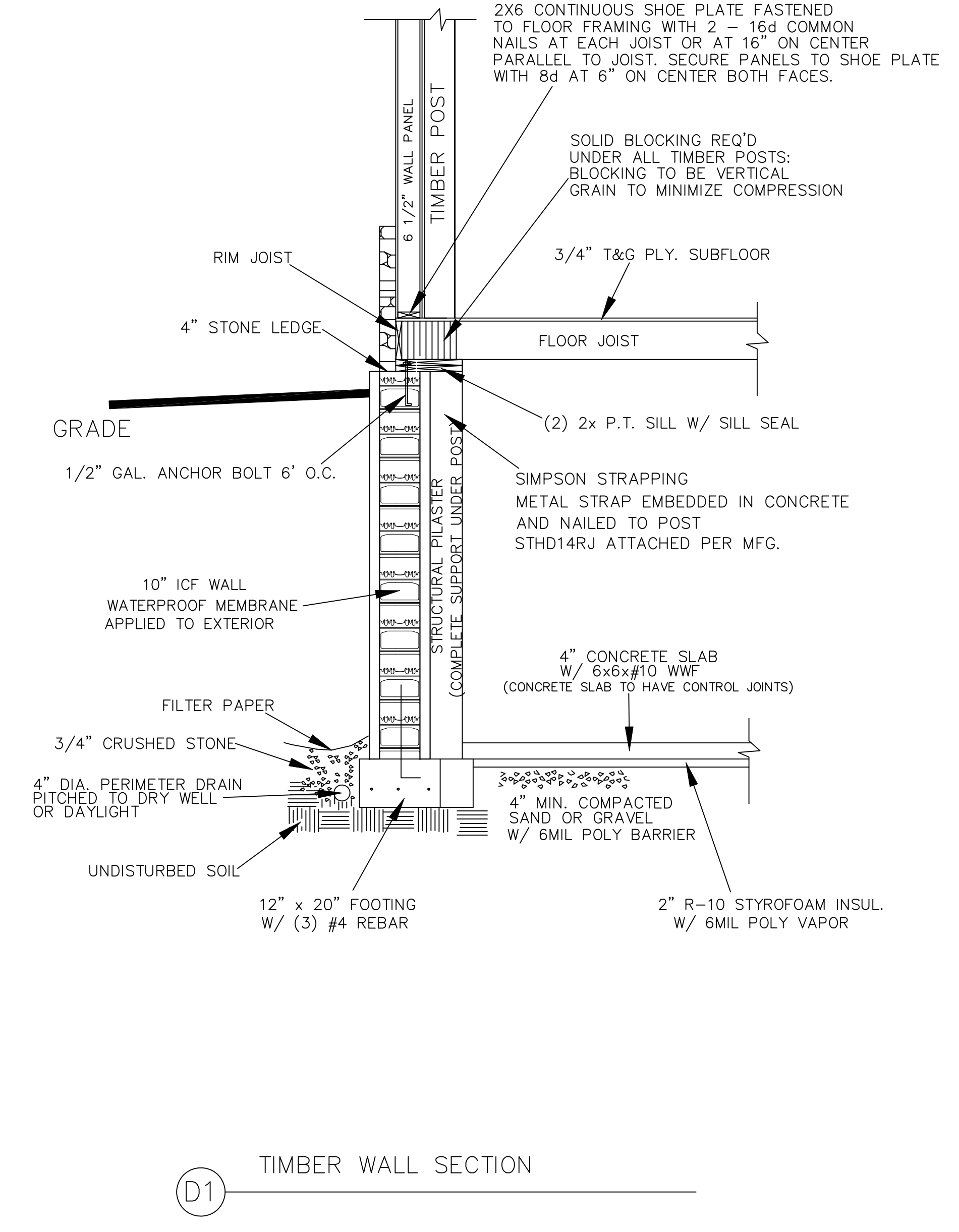
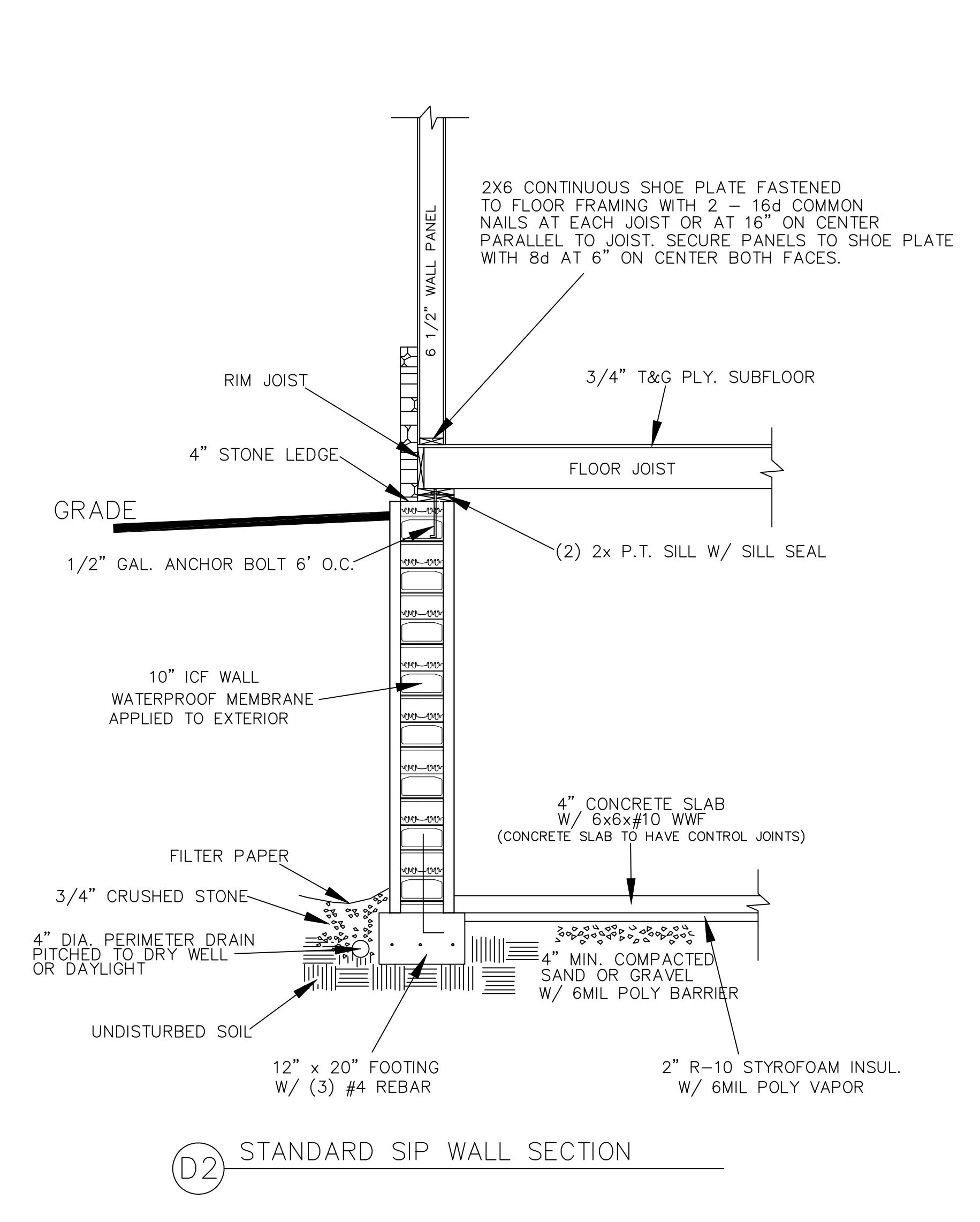
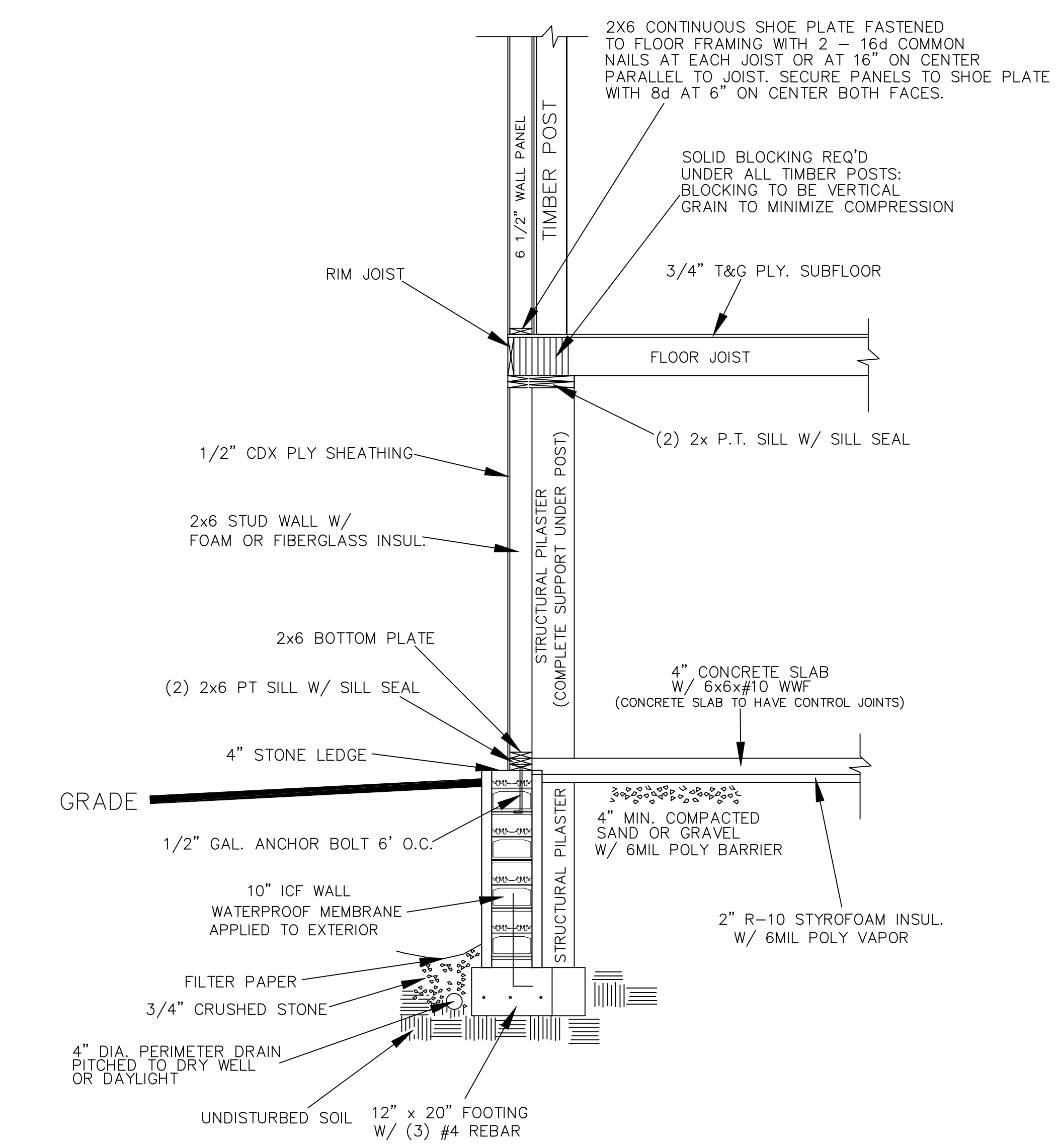
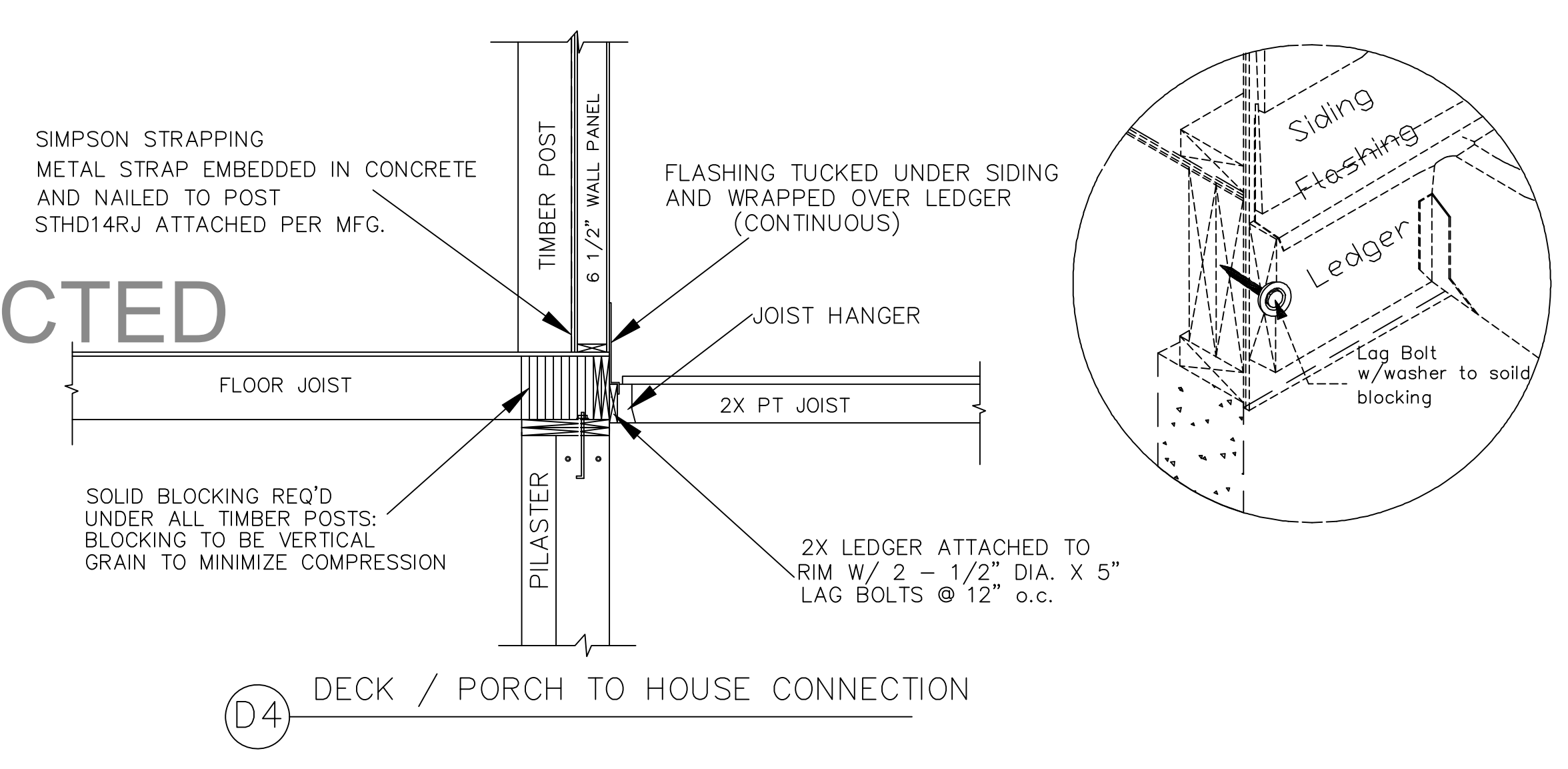
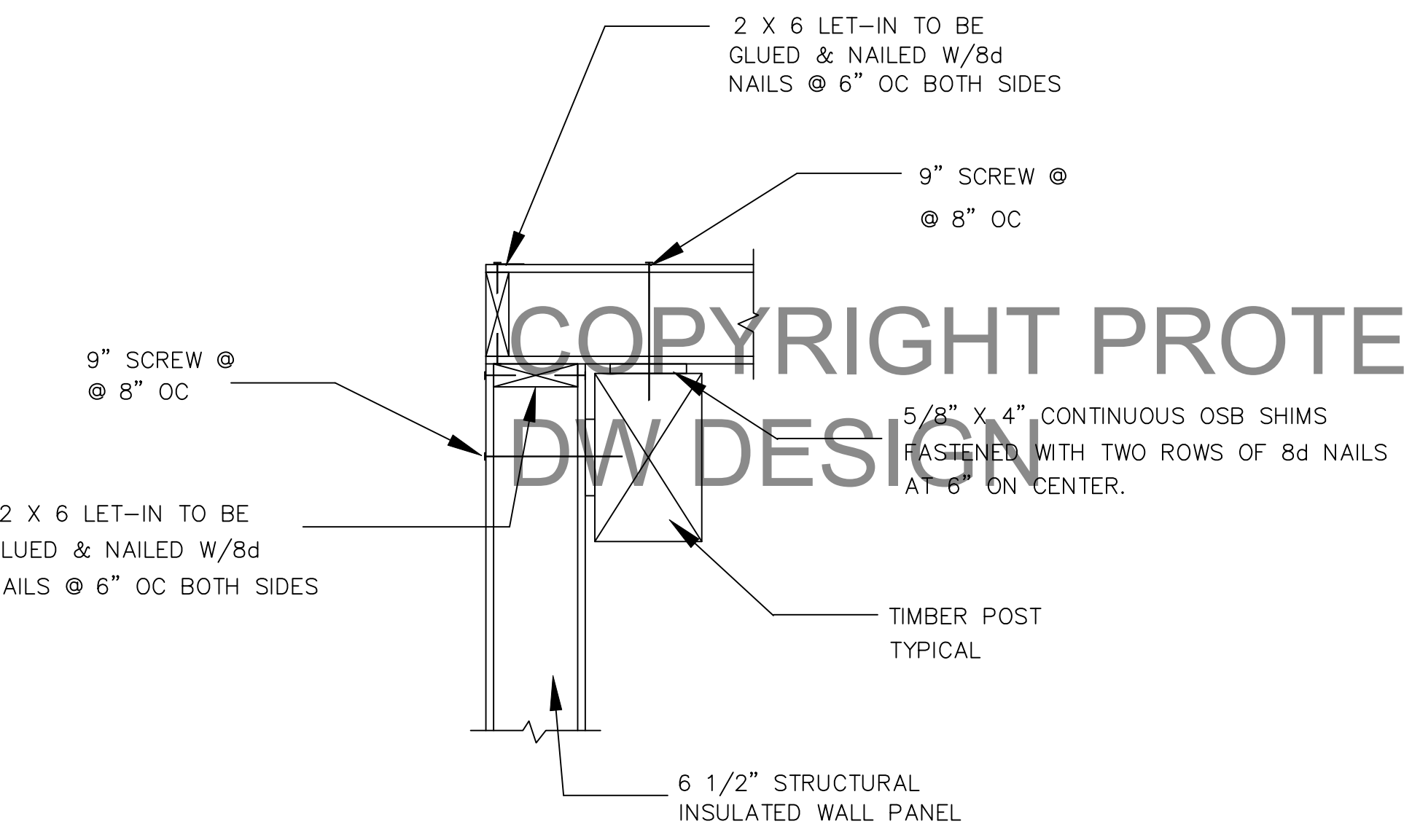
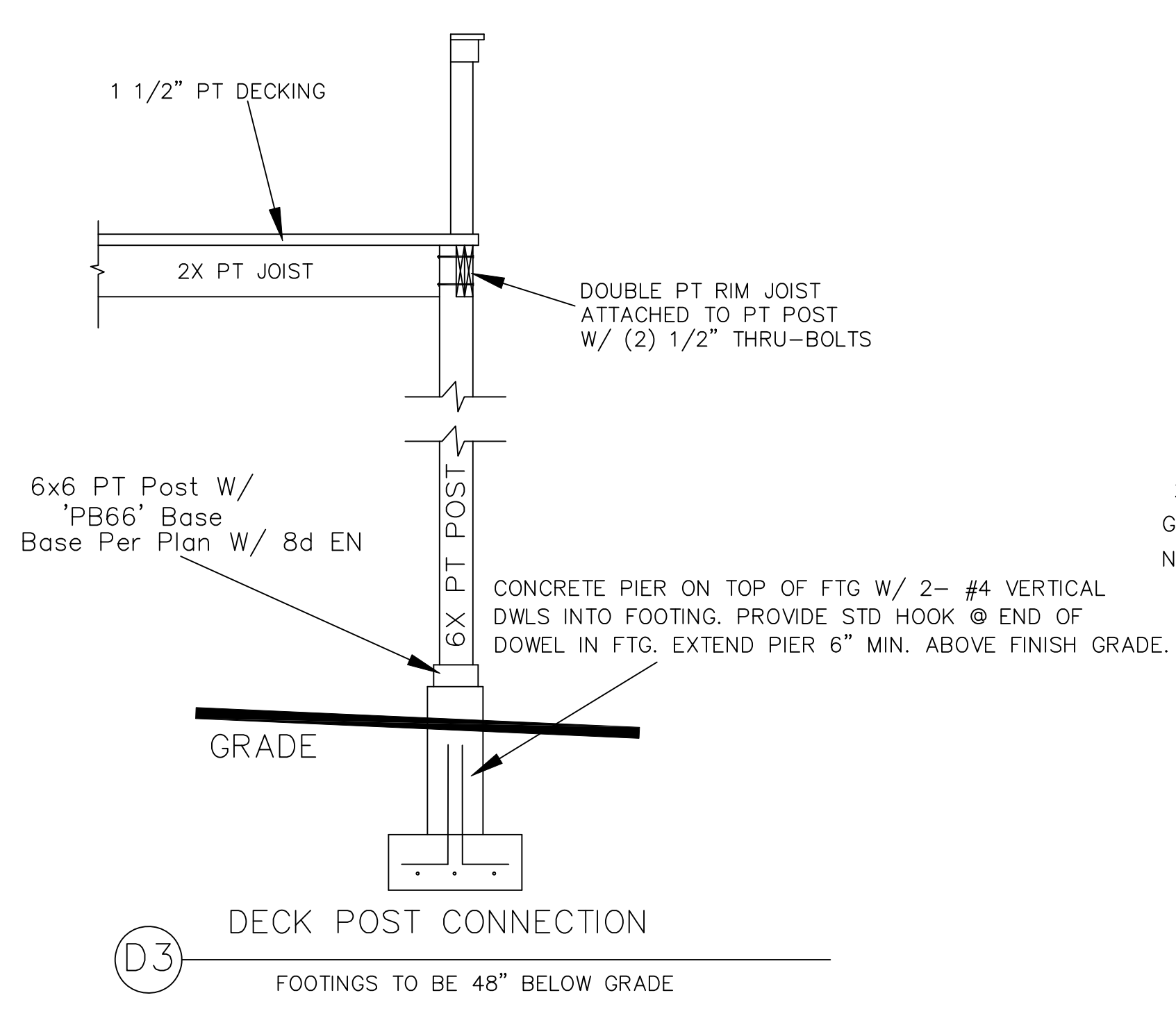
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DATE: 11/8/19	DATE: 1/4/20	DATE: 2/19/20	DATE: 2/20/20
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CONTRACTOR TO STEP EXTERIOR WALLS & FOOTINGS AS REQ'D TO MAINTAIN 48" MIN. DEPTH BELOW FINISH GRADE TO FOOTING

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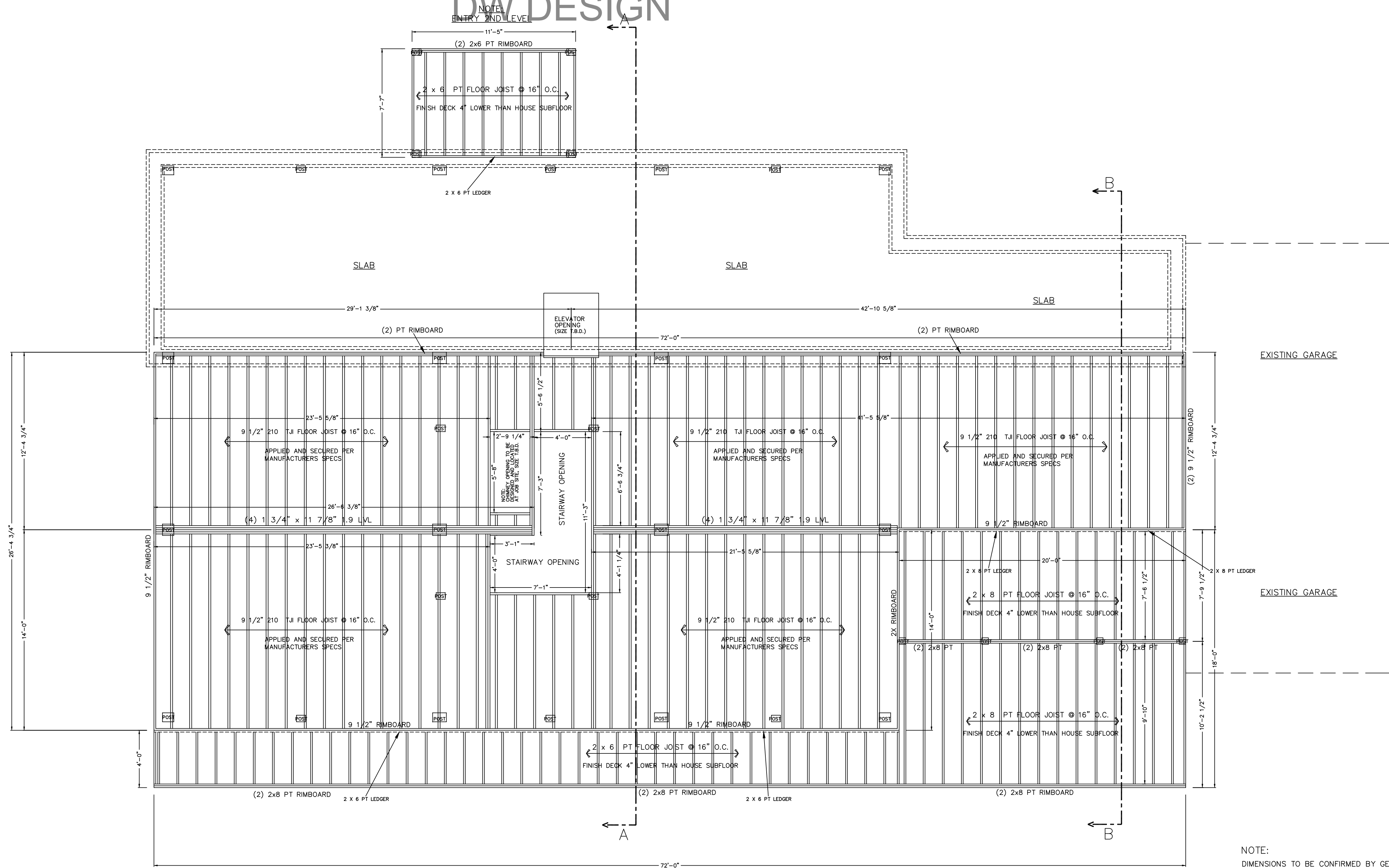
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FLOOR FRAMING NOTES:

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

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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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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

BASEMENT TO HAVE CO DETECTOR HARDWIRE SMOKE DETECTORS (W/ BATTERY B.U.) EACH FLOOR

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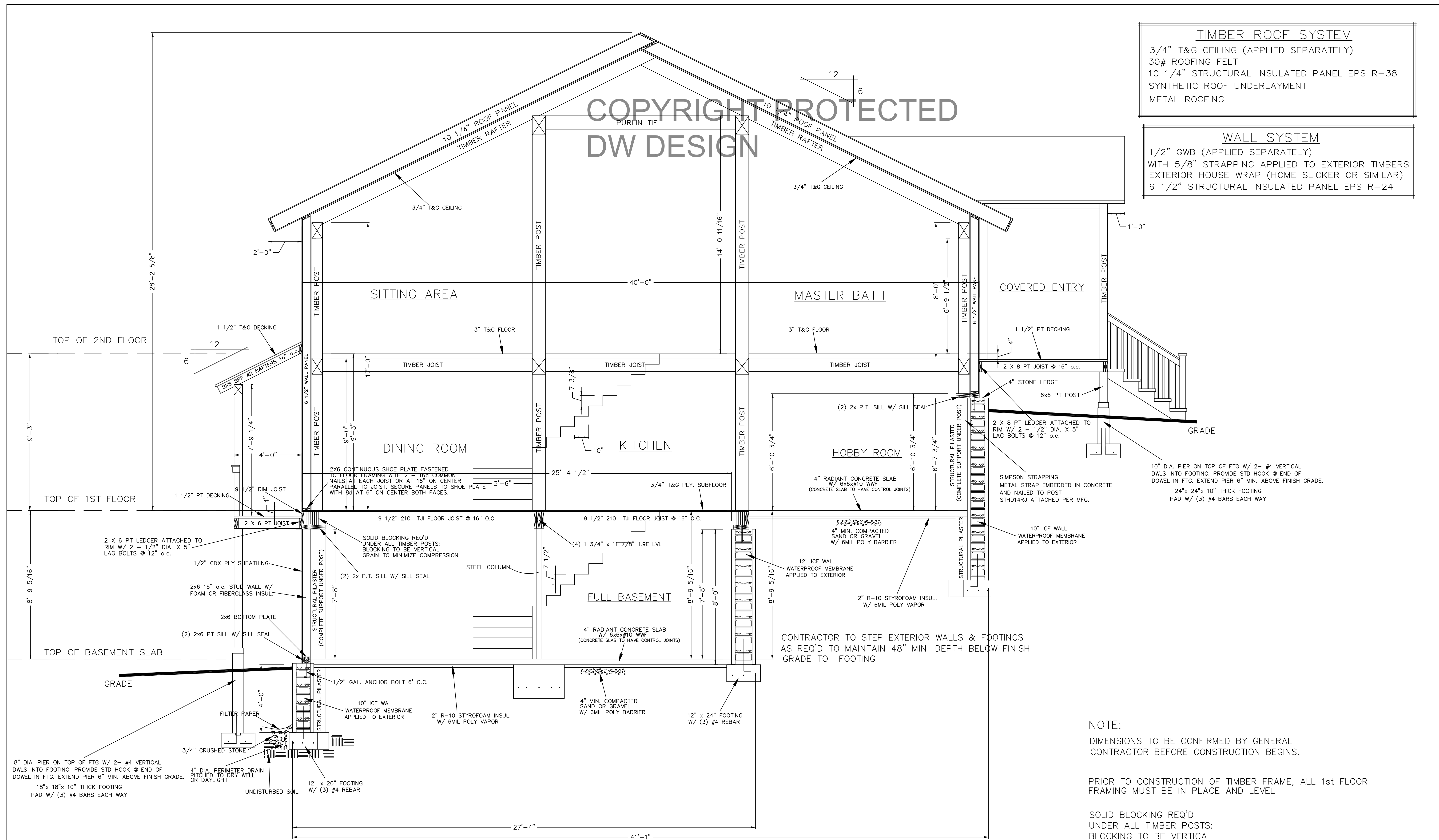
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TIMBER ROOF SYSTEM
 3/4" T&G CEILING (APPLIED SEPARATELY)
 30# ROOFING FELT
 10 1/4" STRUCTURAL INSULATED PANEL EPS R-38
 SYNTHETIC ROOF UNDERLAYMENT
 METAL ROOFING

WALL SYSTEM
 1/2" GWB (APPLIED SEPARATELY)
 WITH 5/8" STRAPPING APPLIED TO EXTERIOR TIMBERS
 EXTERIOR HOUSE WRAP (HOME SLICKER OR SIMILAR)
 6 1/2" STRUCTURAL INSULATED PANEL EPS R-24



BUILDING SECTION A-A

WIND LOAD: 90 mph
 SNOW LOAD: GROUND SNOW LOAD 25 psf
 SEISMIC ZONE: A
 FROST DEPTH: 48"

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

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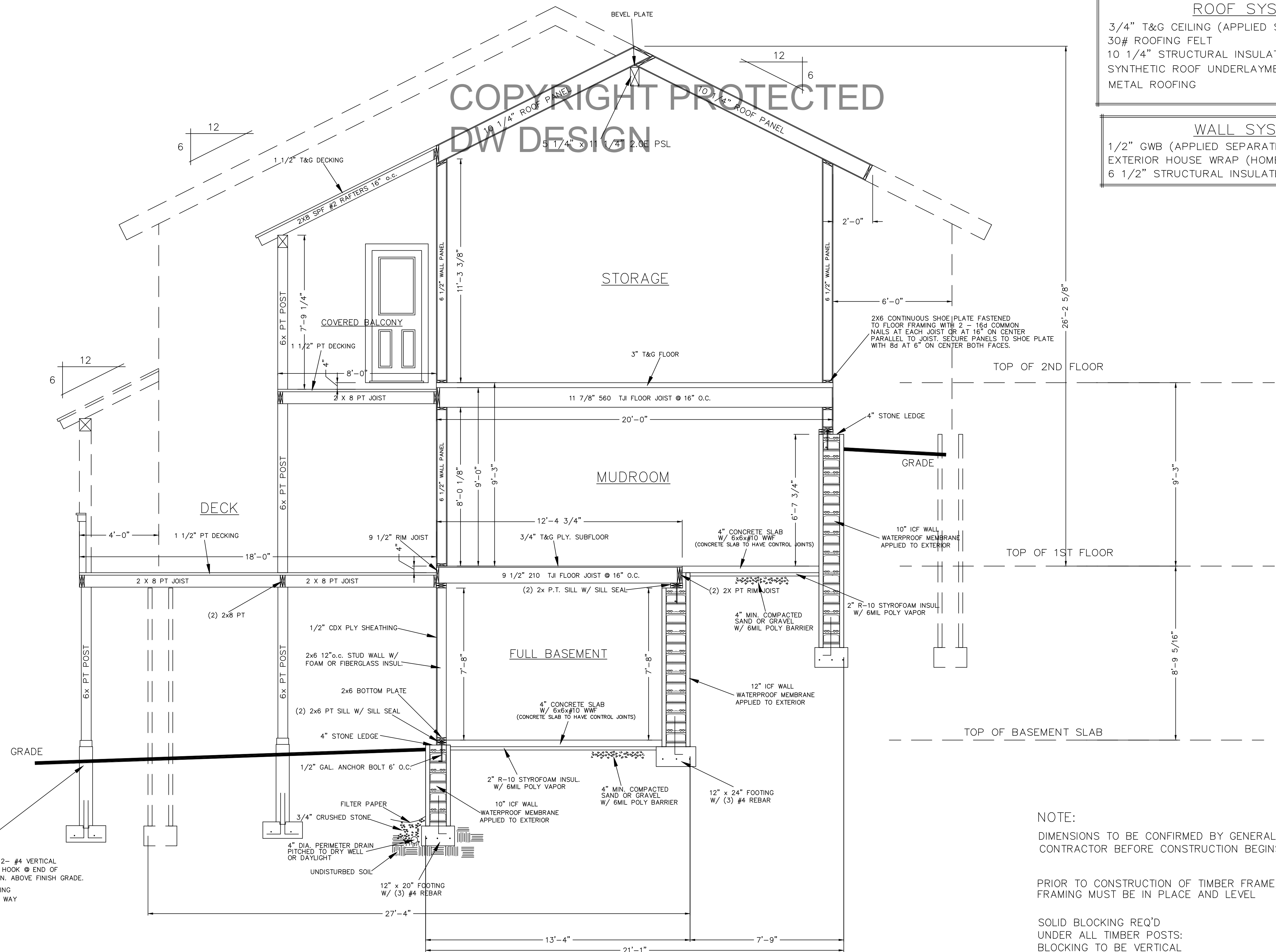
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ROOF SYSTEM

3/4" T&G CEILING (APPLIED SEPARATELY)
30# ROOFING FELT
10 1/4" STRUCTURAL INSULATED PANEL EPS R-38
SYNTHETIC ROOF UNDERLAYMENT
METAL ROOFING

WALL SYSTEM

1/2" GWB (APPLIED SEPARATELY)
EXTERIOR HOUSE WRAP (HOME SLICKER OR SIMILAR)
6 1/2" STRUCTURAL INSULATED PANEL EPS R-24



BUILDING SECTION B-B

WIND LOAD: 90 mph
SNOW LOAD: GROUND SNOW LOAD 25 psf
SEISMIC ZONE: A
FROST DEPTH: 48"

NOTE:
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DATE: 10/1/19	1/4/20	
DRAWN BY: DEW	2/19/20	
CHECKED BY:	2/20/20	

JOB NAME:
**BELDIN RESIDENCE
COLONA, IL 61241**

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