

WINDOW and DOOR PERFORMANCE DATA U-VALUE / SHGC	
① SLIDER UNIT	U-VALUE = 0.29 SHGC = 0.30
② CASEMENT UNIT	U-VALUE = 0.21 SHGC = 0.24
③ SLIDING PATIO DOOR	U-VALUE = 0.29 SHGC = 0.30
④ PICTURE UNIT	U-VALUE = 0.21 SHGC = 0.31

**HOUSE INTERIOR VOLUME CALCULATION**  
 13832 CUBIC FEET (MAIN LEVEL VOLUME)  
 2377 CUBIC FEET (FLOOR TRUSS SPACE VOLUME)  
 11042 CUBIC FEET (BASEMENT VOLUME)  
 27251 CUBIC FEET (TOTAL INTERIOR VOLUME)

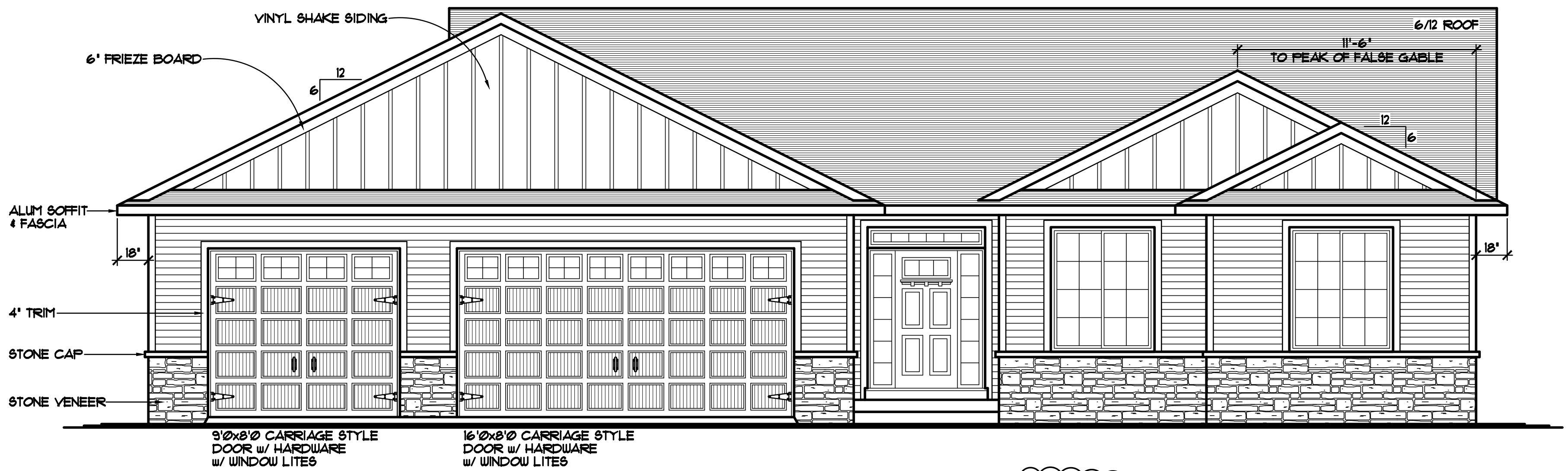
NOTE III  
 9'-1 1/8" PLATE  
 HEIGHT • ENTIRE  
 MAIN LEVEL (U.N.O.)

NOTE III  
 TOP OF R.O. FOR ALL  
 WINDOWS • MAIN LEVEL  
 TO BE 1'-10 1/2" FROM  
 SUB FLOOR (U.N.O.)

NOTE III  
 WINDOWS w/ '\*' REQUIRE  
 SASH LIMITER (TYP.)

NOTE III  
 PROVIDE STANDARD  
 ENERGY HEEL • ALL  
 ROOF TRUSSES (TYP.)

- SILVERLINE WINDOWS SPEC'D.
- WINDOWS w/GRIDS WHERE SHOWN
- VINYL SHAKES WHERE SHOWN
- VINYL SIDING/CORNER TRIM
- ALUMINUM SOFFITS & FASCIA
- STONE VENEER WHERE SHOWN
- 4" WINDOW & DOOR TRIM WHERE SHOWN



**FRONT ELEVATION** 1/4"=1'-0"  
 1608 SQFT. MAIN LEVEL

NOTE III  
 MID-CHORD BEARING  
 TRUSSES • FRONT OF  
 HOUSE (TYP.)

MODEL OPTIONS TABLE		
MODEL OPTION:	OPTION 'A'	OPTION 'B'
BASEMENT EGRESS TYPE	WALKOUT	DAYLIGHT
OPTIONAL DECK	INCLUDED	NOT INCLUDED
OPTIONAL SERVICE DOOR	INCLUDED	NOT INCLUDED

EACH SET OF OPTIONS SHOULD CONTAIN AN 'X' THROUGH THE BOX THAT APPLIES TO THE CURRENT MODEL. IF NO 'X' IS SHOWN IN EITHER BOX, VERIFY OPTIONS WITH BUILDER !!!

THE:  
**MICHAEL PLAN**

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REVISIONS	BY
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14269	J.C.
15260	N.F.
15338	R.B.

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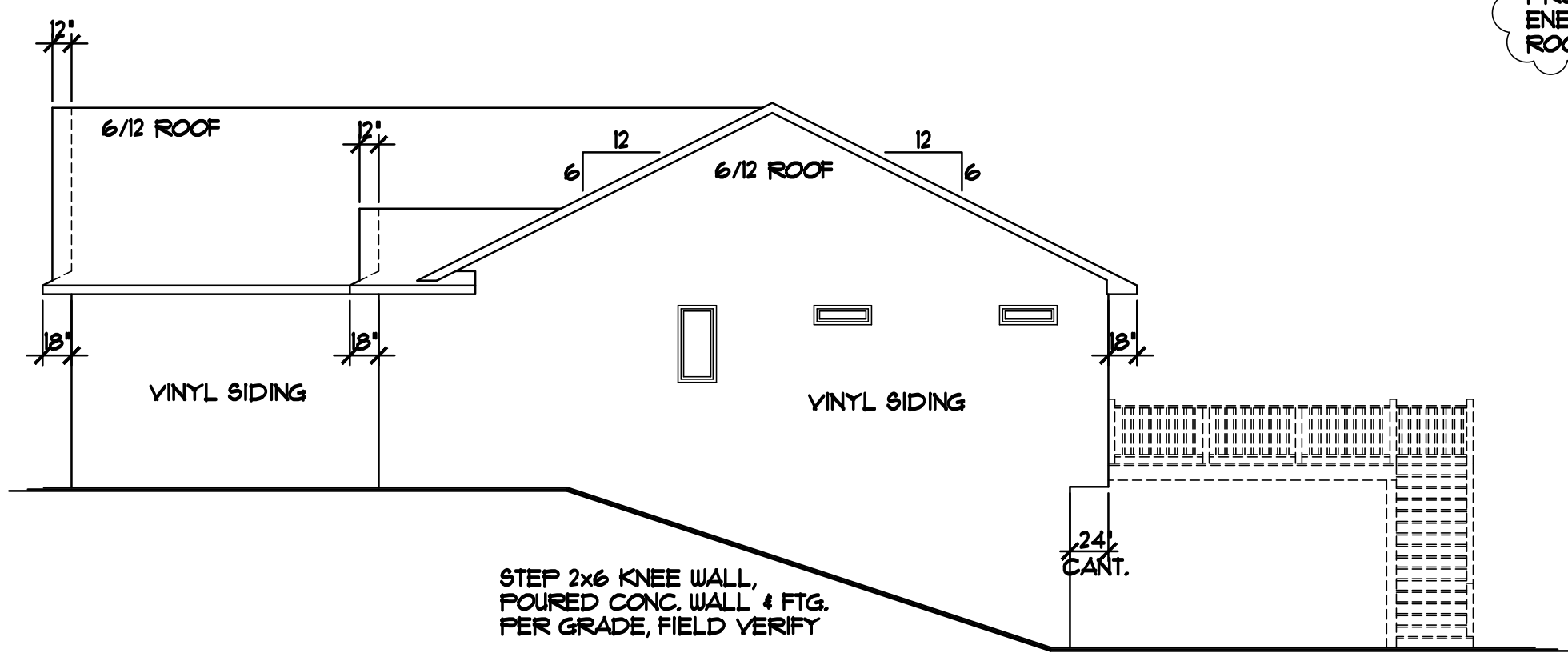
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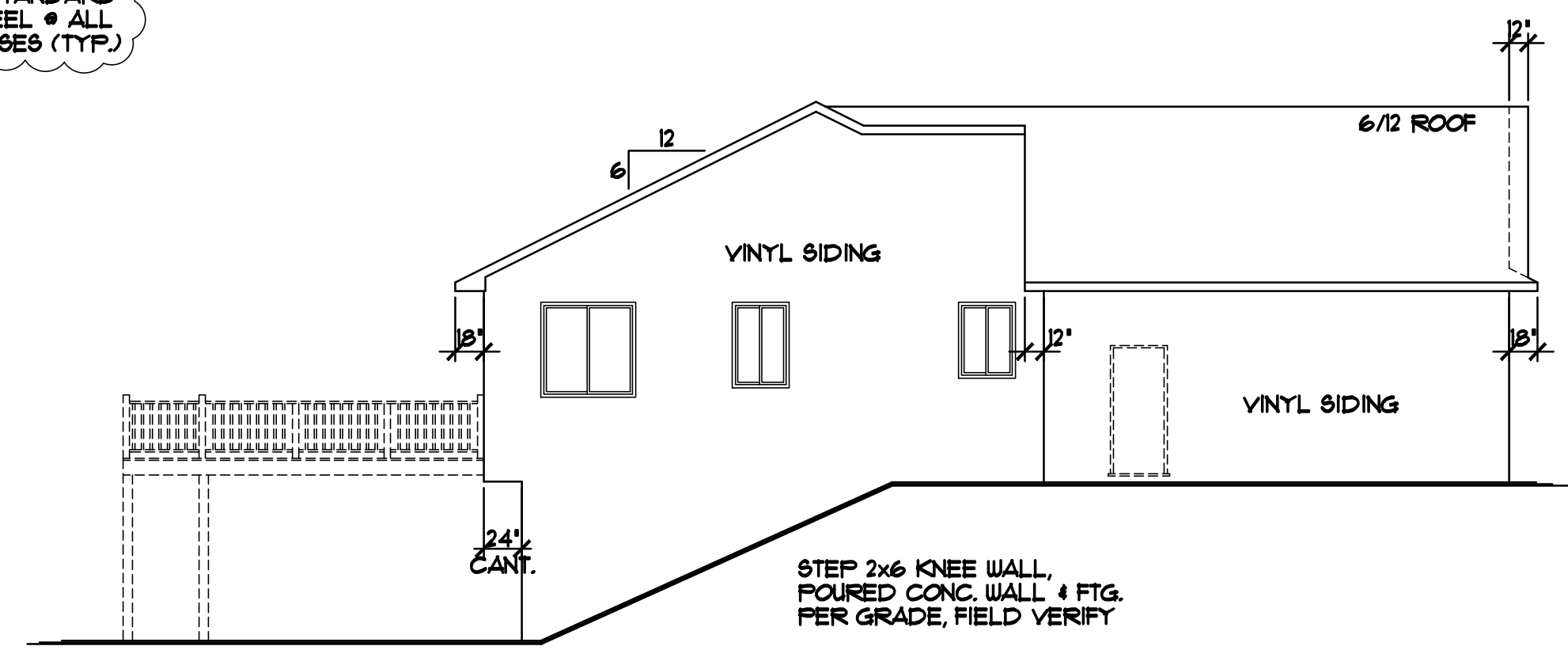
**ELEVATE BUILDERS, LLC**  
 P.O. BOX 714  
 FOREST LAKE, MN 55025

DRAWN R.B.
CHECKED XX
DATE: 06/03/2016
SCALE: AS NOTED
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SHEET <b>1</b> OF 9

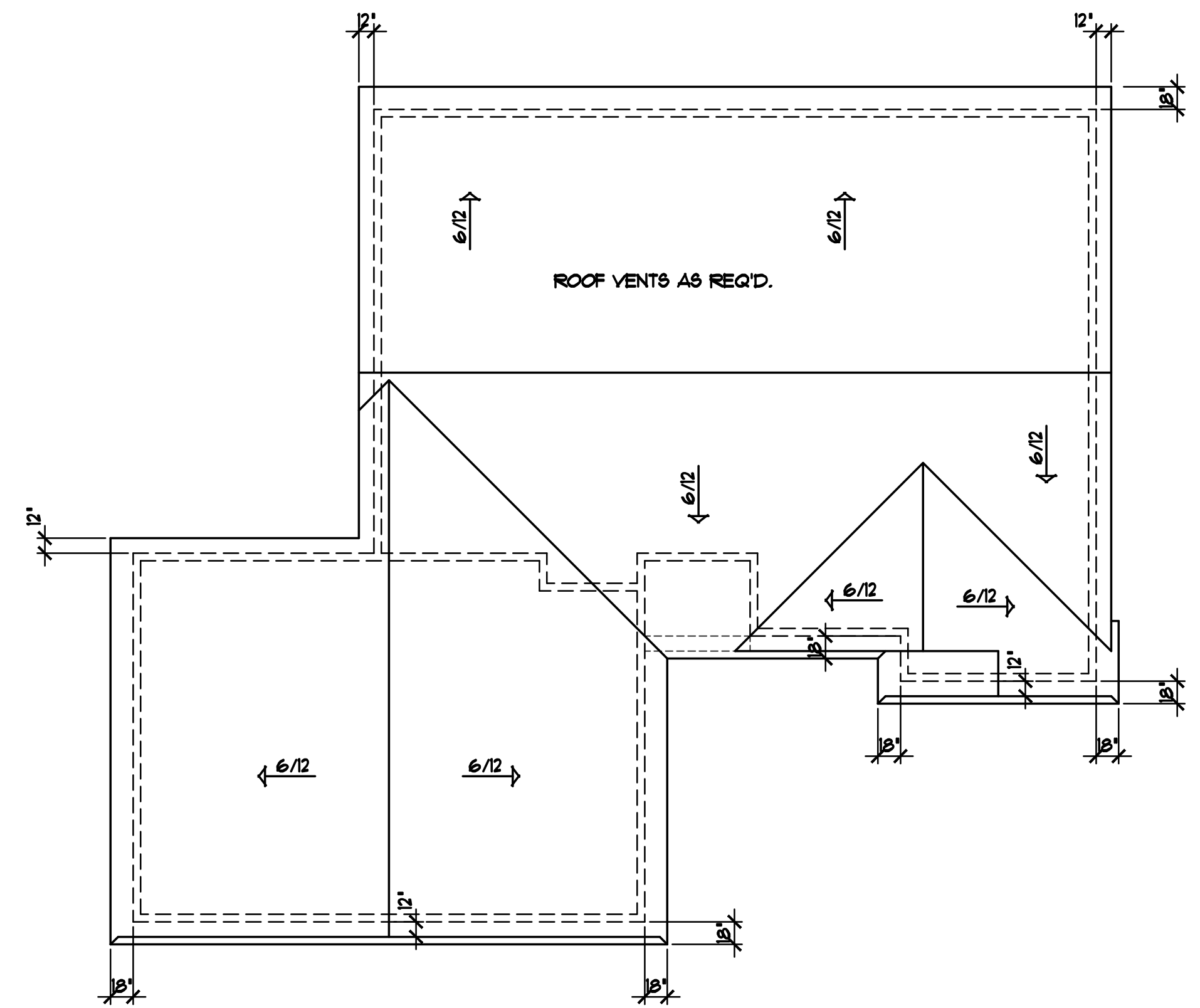
NOTE!!!  
 PROVIDE STANDARD  
 ENERGY HEEL @ ALL  
 ROOF TRUSSES (TYP.)



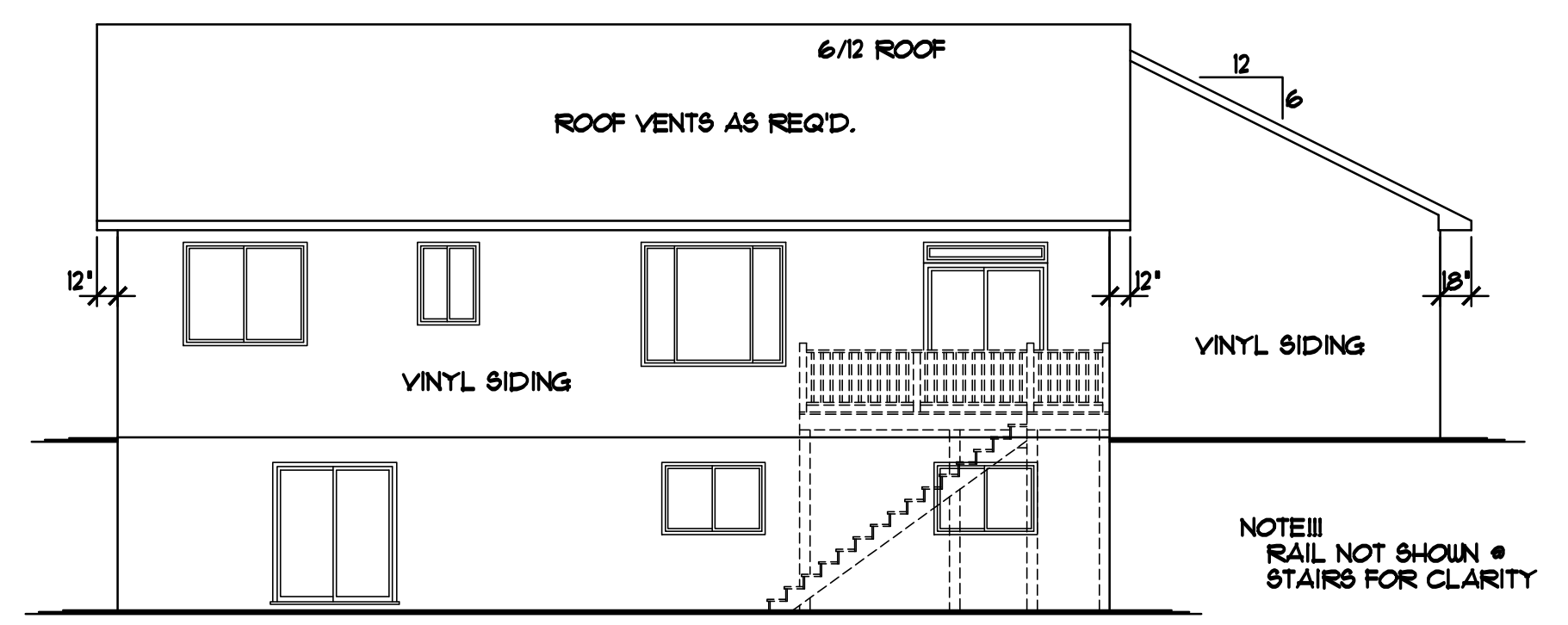
RIGHT ELEVATION 1/8"=1'-0"



LEFT ELEVATION 1/8"=1'-0"



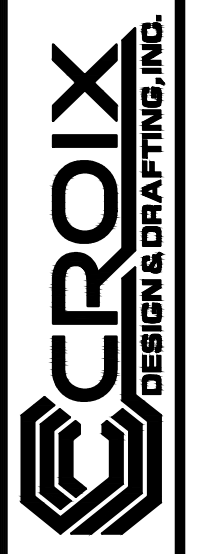
BIRD'S-EYE ROOF PLAN 1/8"=1'-0"



REAR ELEVATION 1/8"=1'-0"

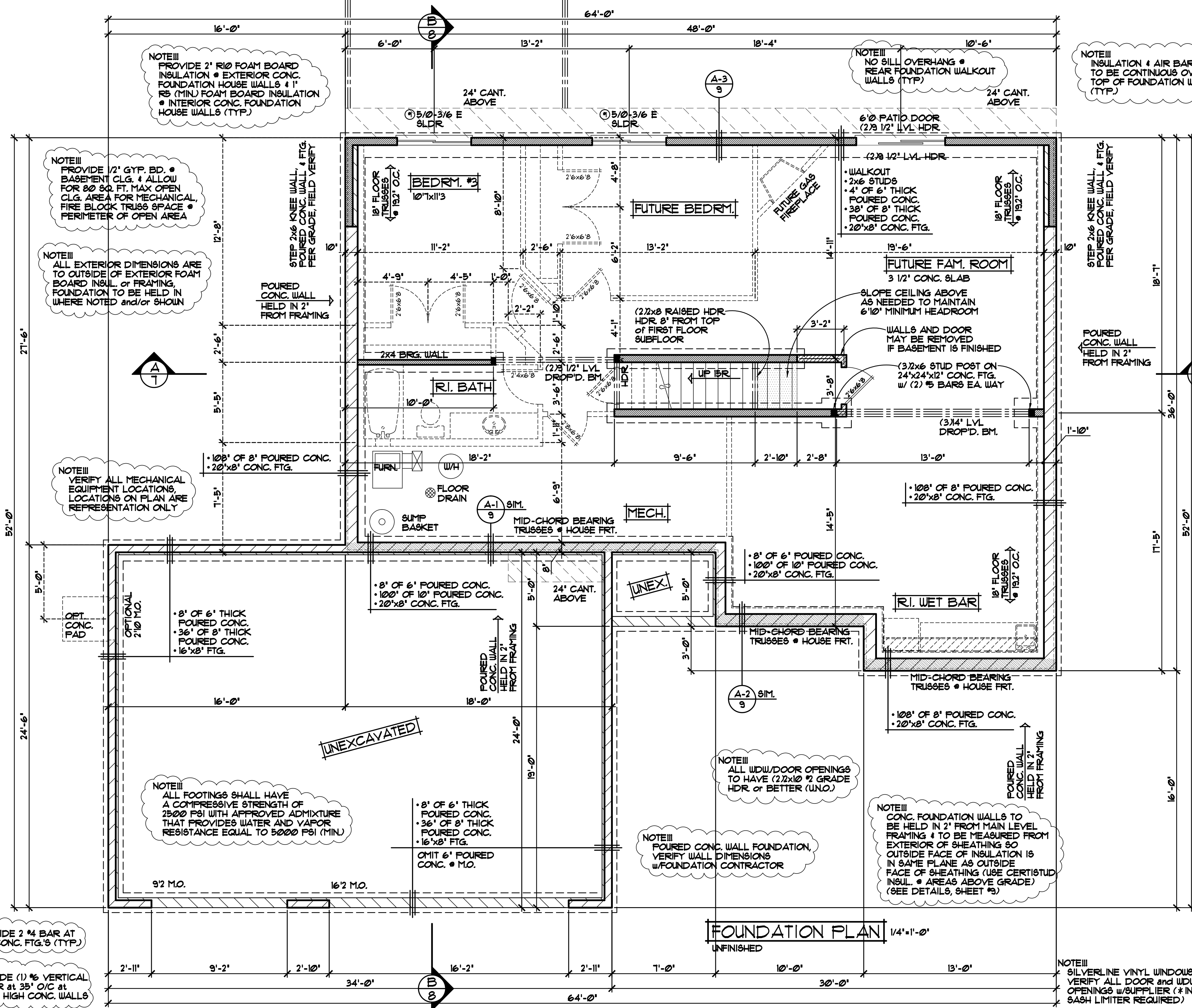
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NOTE III  
 PROVIDE 2" R10 FOAM BOARD INSULATION @ EXTERIOR CONC. FOUNDATION HOUSE WALLS & 1" R5 (MIN) FOAM BOARD INSULATION @ INTERIOR CONC. FOUNDATION HOUSE WALLS (TYP.)

NOTE III  
 PROVIDE 1/2" GYP. BD. @ BASEMENT CLG. & ALLOW FOR 80 SQ. FT. MAX OPEN CLG. AREA FOR MECHANICAL, FIRE BLOCK TRUSS SPACE @ PERIMETER OF OPEN AREA

NOTE III  
 ALL EXTERIOR DIMENSIONS ARE TO OUTSIDE OF EXTERIOR FOAM BOARD INSUL. OR FRAMING. FOUNDATION TO BE HELD IN WHERE NOTED AND/OR SHOWN

NOTE III  
 VERIFY ALL MECHANICAL EQUIPMENT LOCATIONS, LOCATIONS ON PLAN ARE REPRESENTATION ONLY

NOTE III  
 ALL FOOTINGS SHALL HAVE A COMPRESSIVE STRENGTH OF 2500 PSI WITH APPROVED ADMIXTURE THAT PROVIDES WATER AND VAPOR RESISTANCE EQUAL TO 5000 PSI (MIN.)

NOTE III  
 PROVIDE 2 #4 BAR AT ALL CONC. FTG.'S (TYP.)

NOTE III  
 PROVIDE (1) #6 VERTICAL REBAR AT 35' O/C AT ALL 9" HIGH CONC. WALLS

NOTE III  
 NO SILL OVERHANG @ REAR FOUNDATION WALKOUT WALLS (TYP.)

NOTE III  
 INSULATION & AIR BARRIER TO BE CONTINUOUS OVER TOP OF FOUNDATION WALLS (TYP.)

WALKOUT  
 • 2x6 STUDS  
 • 4" OF 6" THICK POURED CONC.  
 • 38" OF 8" THICK POURED CONC.  
 • 20"x8" CONC. FTG.

NOTE III  
 ALL WDW/DOOR OPENINGS TO HAVE (2)2x10 #2 GRADE HDR OR BETTER (U.N.O.)

NOTE III  
 POURED CONC. WALL FOUNDATION, VERIFY WALL DIMENSIONS w/FOUNDATION CONTRACTOR

NOTE III  
 CONC. FOUNDATION WALLS TO BE HELD IN 2" FROM MAIN LEVEL FRAMING & TO BE MEASURED FROM EXTERIOR OF SHEATHING SO OUTSIDE FACE OF INSULATION IS IN SAME PLANE AS OUTSIDE FACE OF SHEATHING (USE CERTISTUD INSUL. @ AREAS ABOVE GRADE) (SEE DETAILS, SHEET #3)

NOTE III  
 SILVERLINE VINYL WINDOWS SPEC'D. VERIFY ALL DOOR AND WDW. R.O. OPENINGS w/SUPPLIER (\* INDICATES SASH LIMITER REQUIRED)

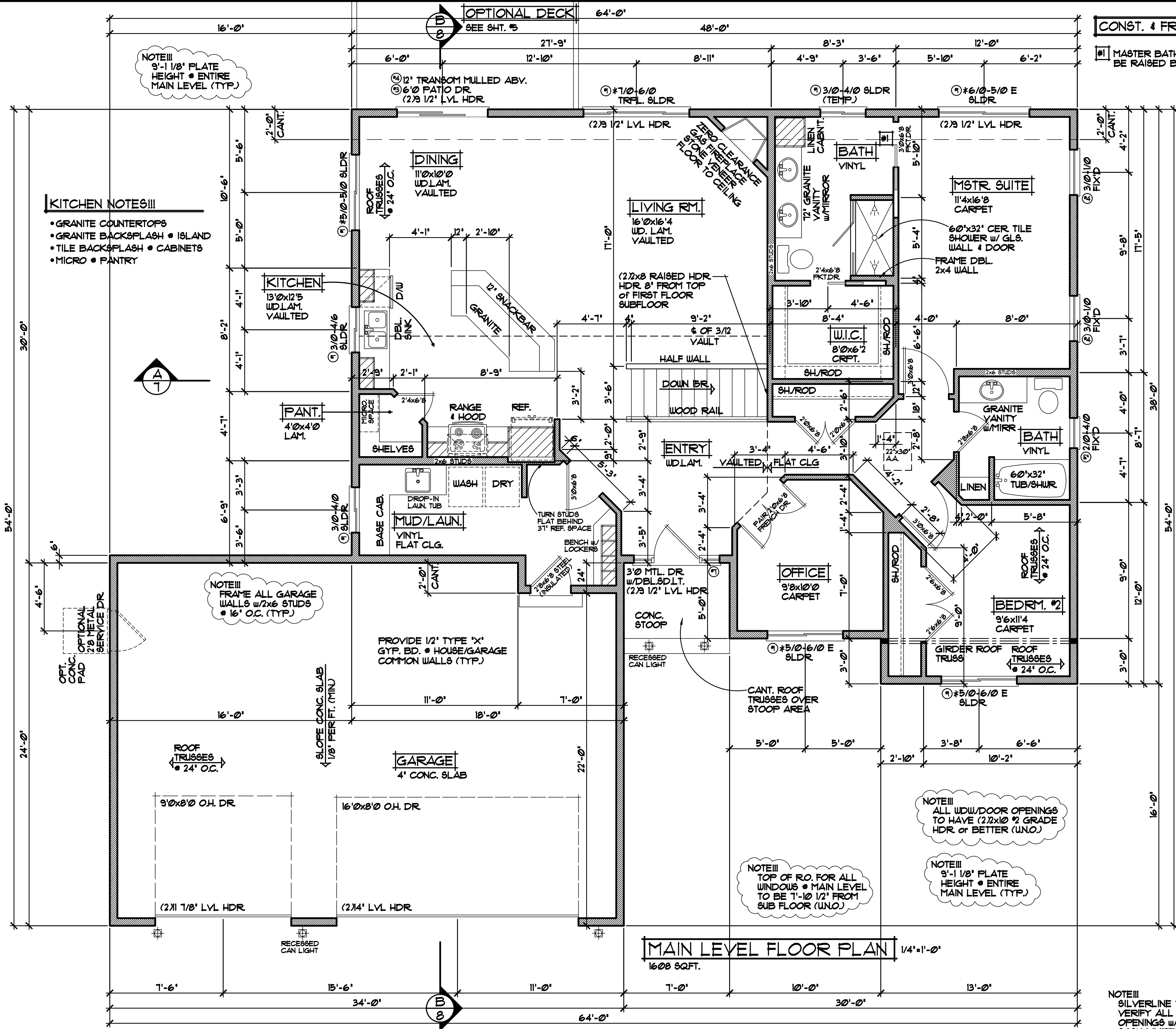
FOUNDATION PLAN 1/4"=1'-0"  
 UNFINISHED

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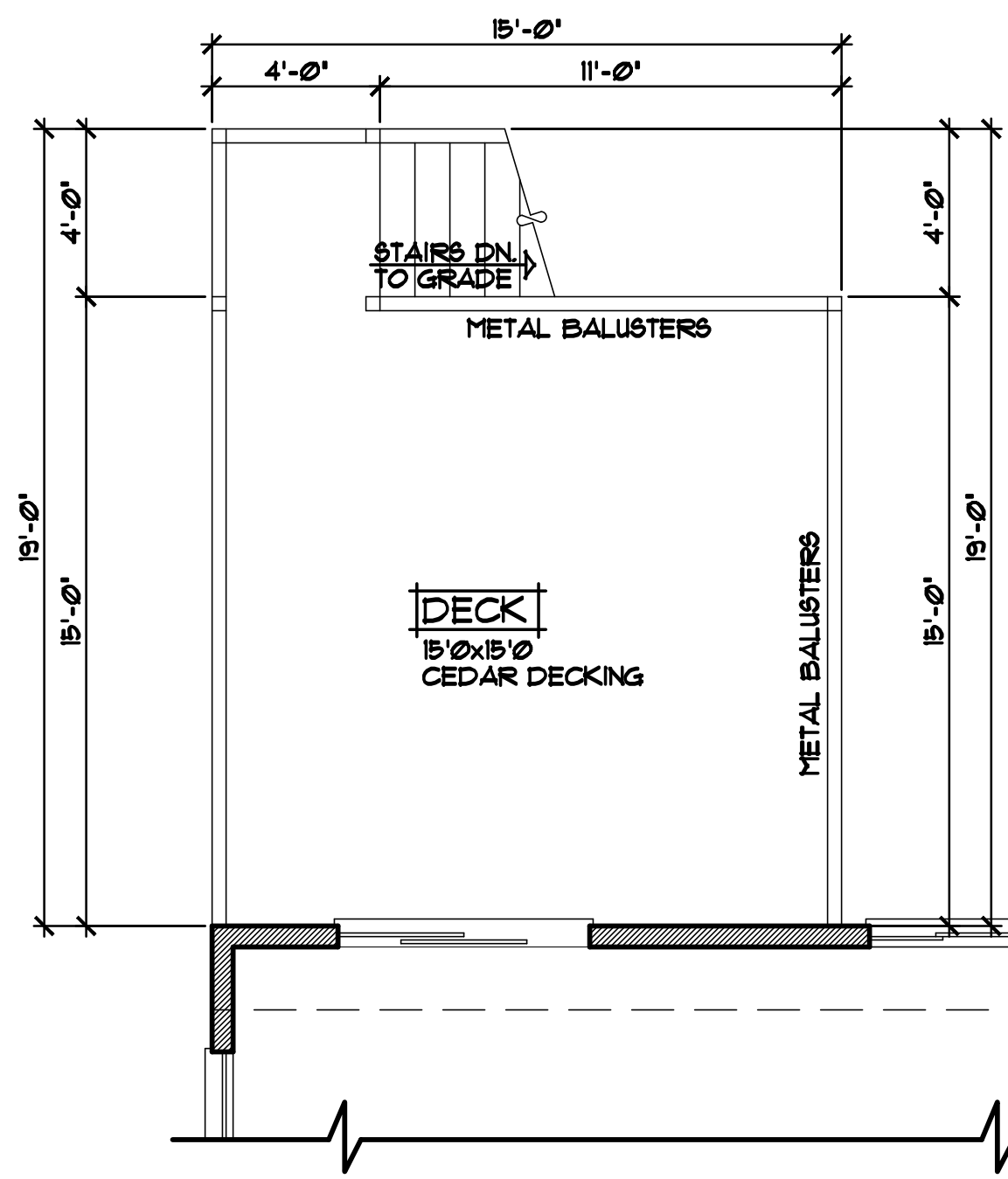
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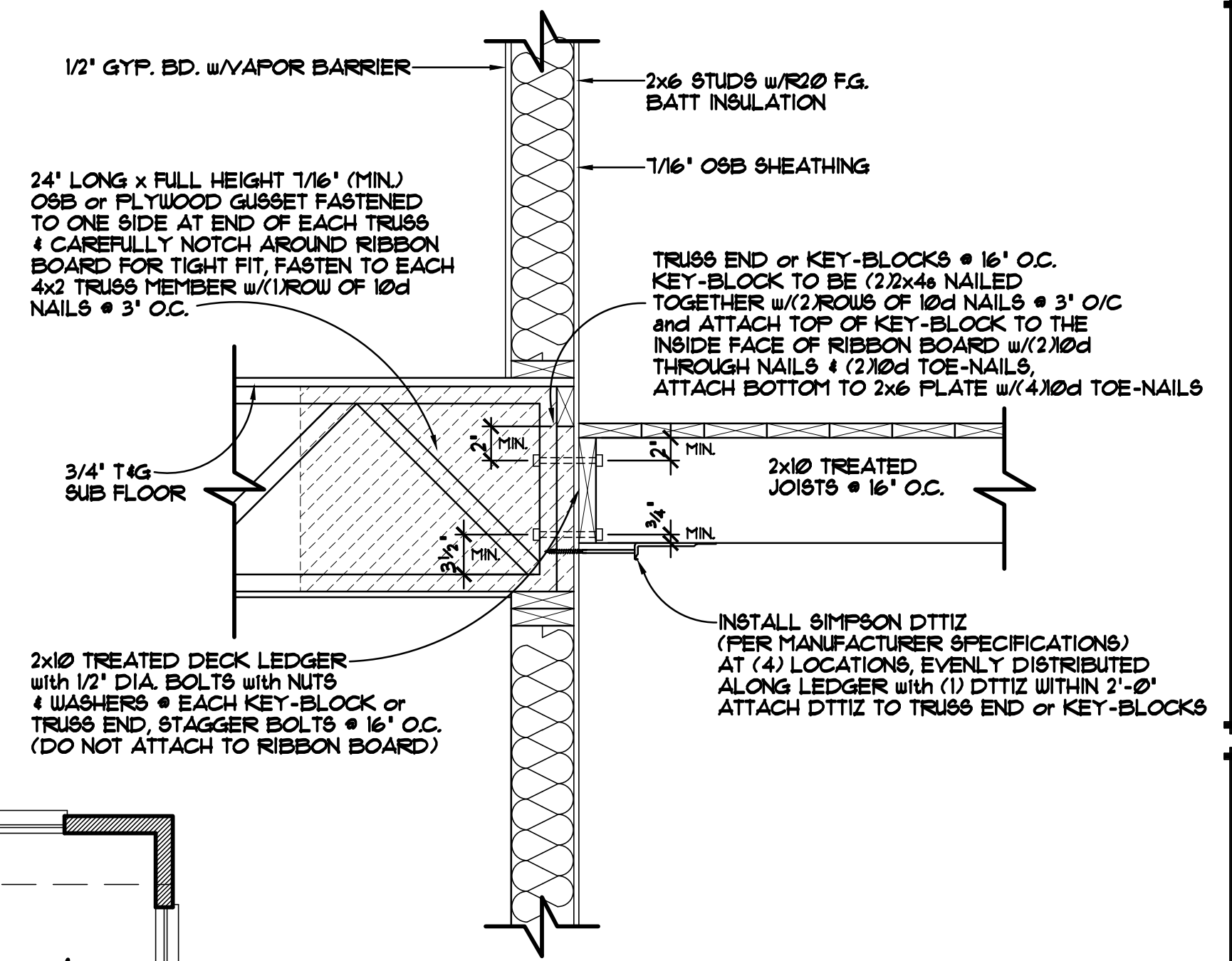
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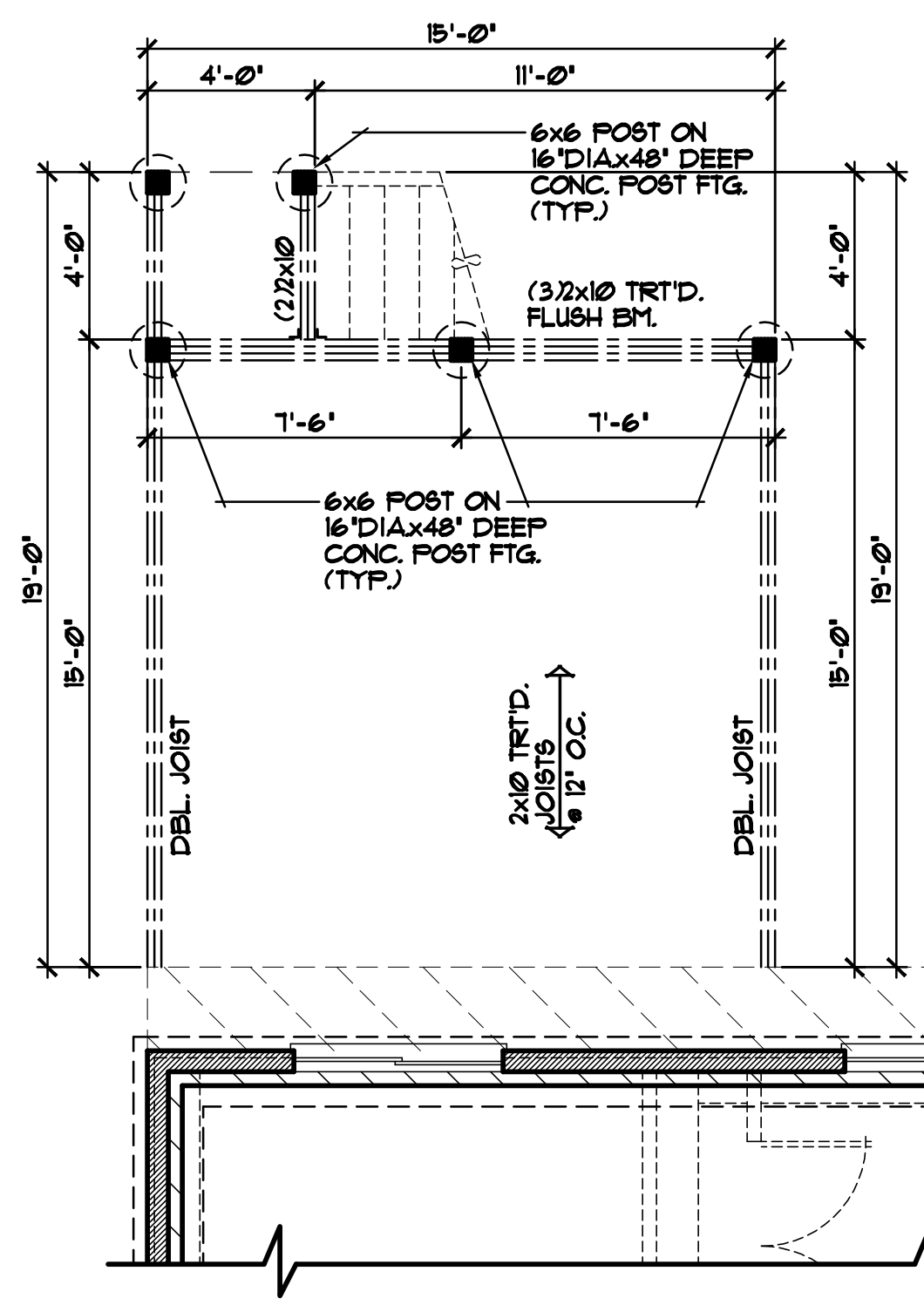
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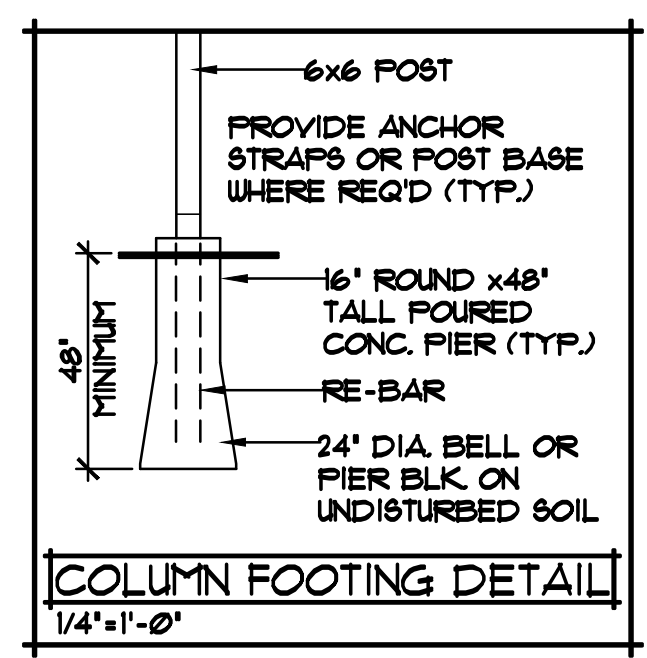
OPTIONAL DECK PLAN 1/4"=1'-0"



DECK LEDGER DETAIL 1"=1'-0"

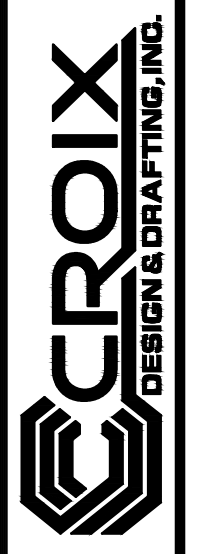


OPTIONAL DECK FOUNDATION & FRAMING PLAN 1/4"=1'-0"



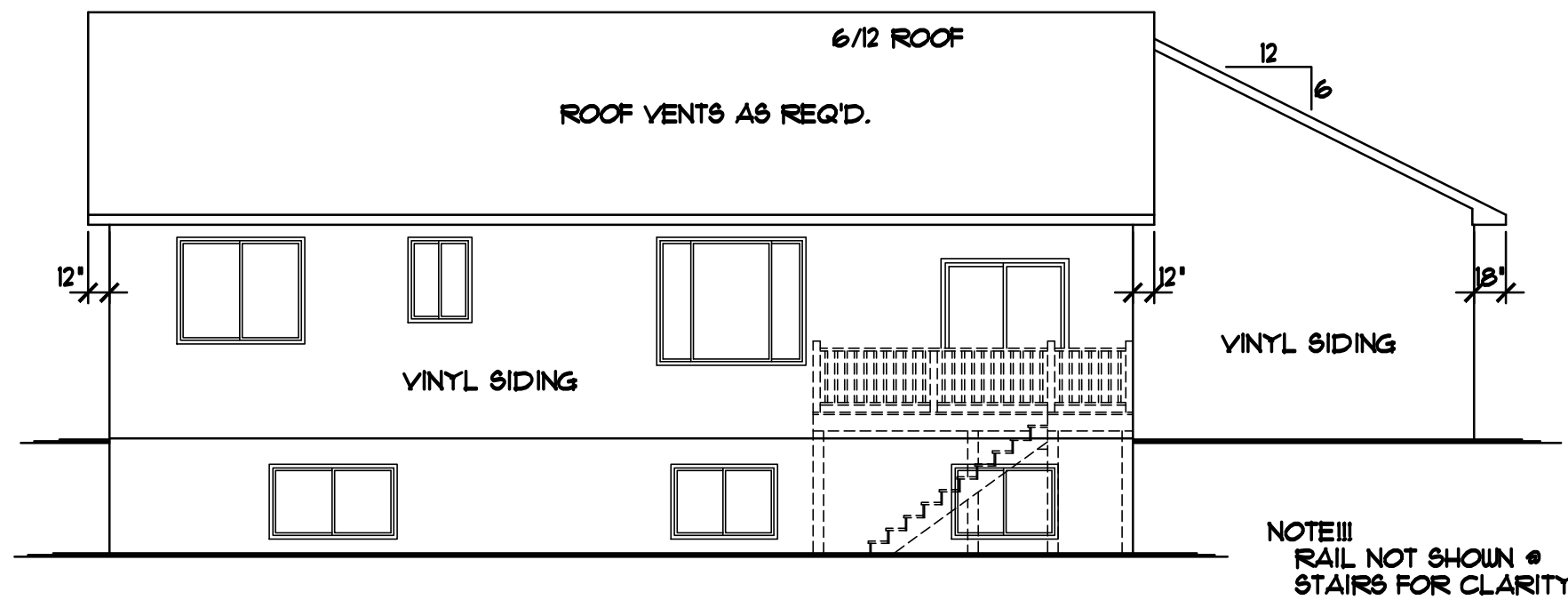
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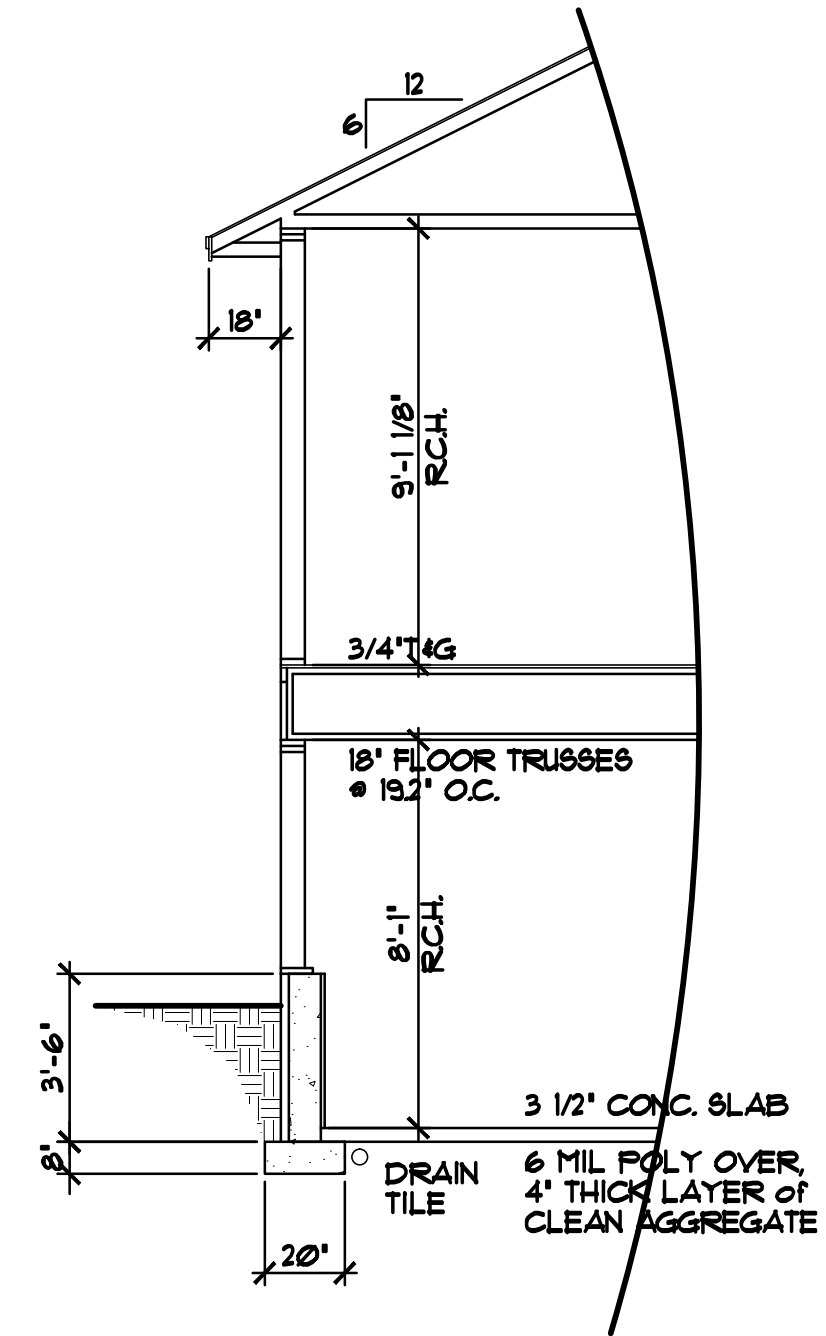


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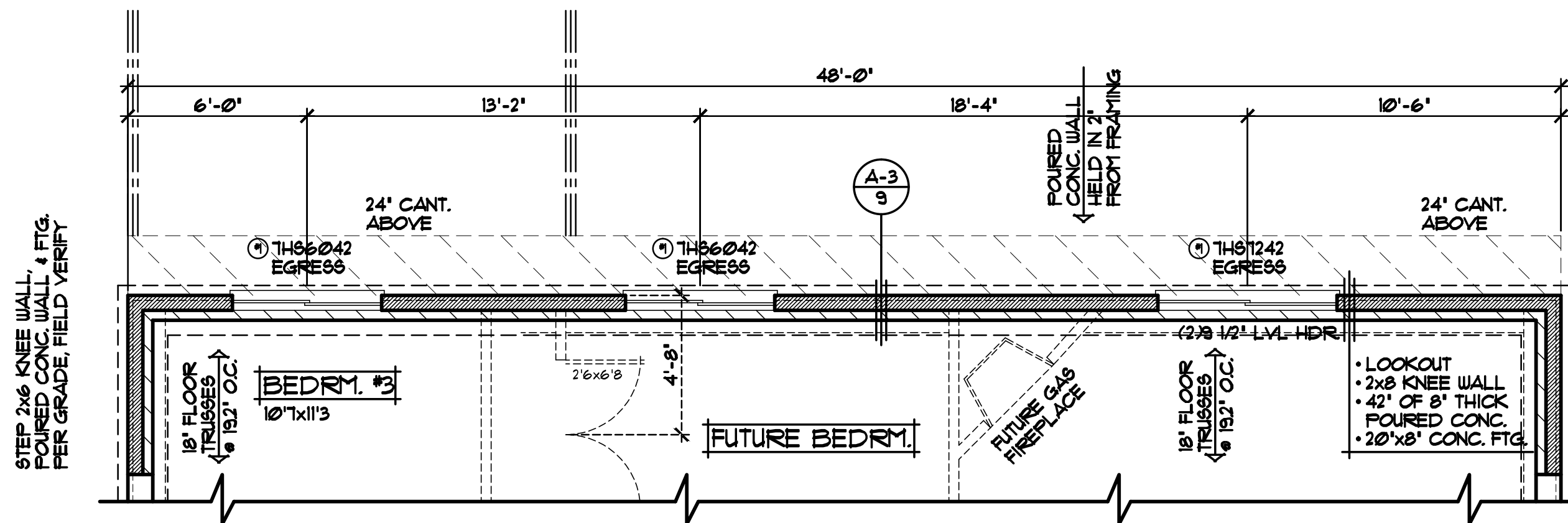
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**REAR ELEVATION** 1/8"=1'-0"  
DAYLIGHT OPTION



**OPTIONAL WALKOUT SECTION** 1/4"=1'-0"



**OPTIONAL DAYLIGHT FOUNDATION PLAN** 1/4"=1'-0"

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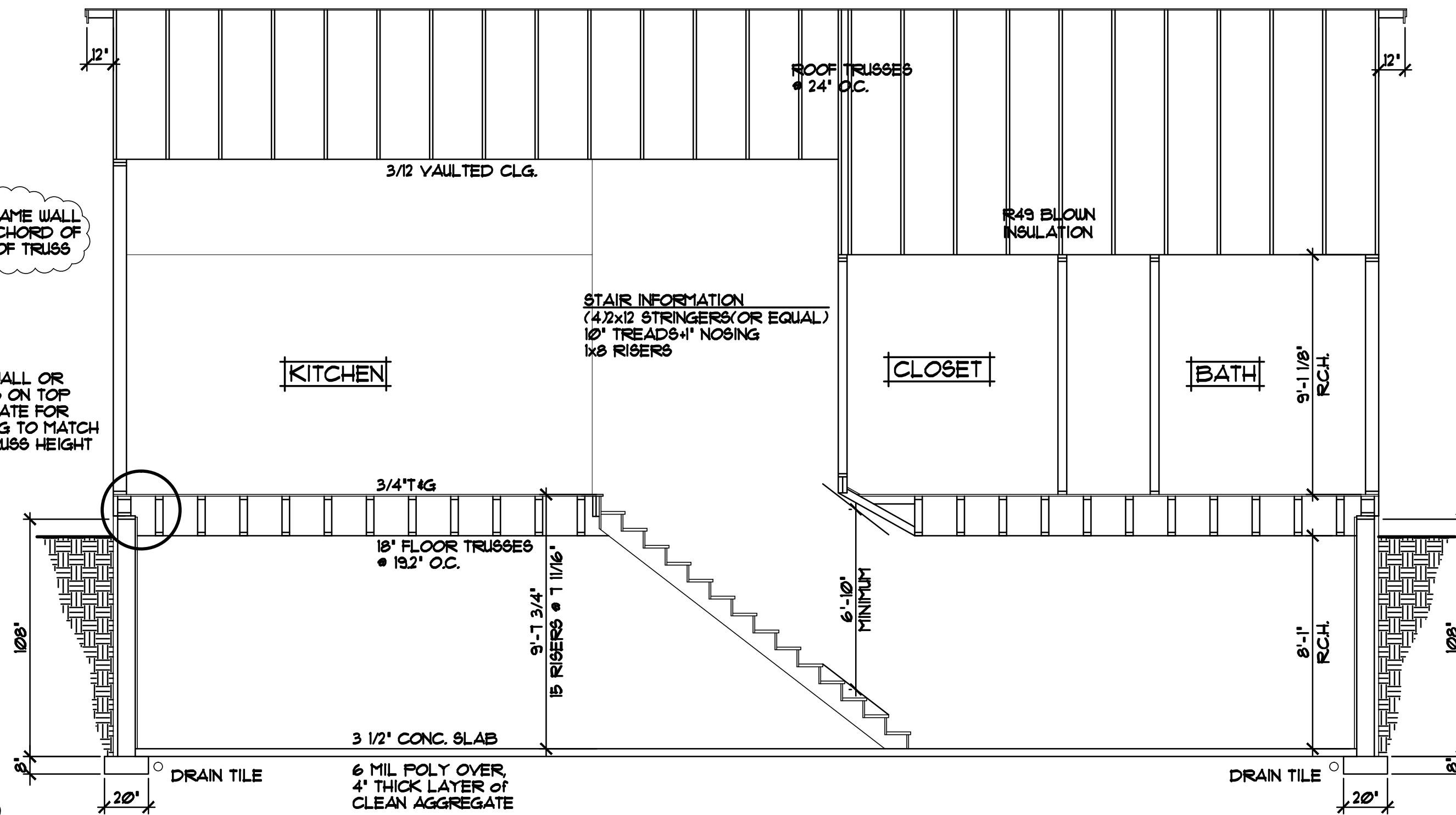
NOTE III  
 PROVIDE STANDARD  
 ENERGY HEEL @ ALL  
 ROOF TRUSSES (TYP.)

NOTE III  
 BALLOON FRAME WALL  
 TO BOTTOM CHORD OF  
 SCISSOR ROOF TRUSS  
 (TYP.)

9' HIGH KNEE WALL OR  
 LADDER TRUSS ON TOP  
 OF 2x8 SILL PLATE FOR  
 FLOOR BEARING TO MATCH  
 MID-CHORD TRUSS HEIGHT

NOTE III  
 PROVIDE 2 #4 BAR AT  
 ALL CONC. FTG.'S (TYP.)

NOTE III  
 PROVIDE (1) #6 VERTICAL  
 REBAR AT 35' O/C AT  
 ALL 9' HIGH CONC. WALLS



CROSS SECTION "A" 1/4"=1'-0"

**ROOF CONSTRUCTION:**

- PREMANUFACTURED ROOF TRUSSES ENGINEERED BY SUPPLIER
- 1/150 ROOF VENTS AT SOFFITS, 1/150 VENT AT RIDGE
- AIR CHUTE AT EACH TRUSS SPACE
- 7/16" OSB ROOF SHEATHING
- 15# ROOFING FELT
- ICE & WATER MEMBRANE APPLIED 24' BEYOND EXTERIOR WALL
- 30 YEAR ARCHITECTURAL SHINGLES

**SOFFIT / FASCIA:**

- 2x6 SUB FASCIA
- ALUMINUM FASCIA COVER
- ALUMINUM VENTED SOFFIT

**WALL CONSTRUCTION:**

- HOUSE WRAP
- 7/16" OSB SHEATHING
- 2x6 STUDS @ 16" O.C.
- R21 FG. BATT INSULATION
- 4 MIL POLY VAPOR BARRIER
- 1/2" GYPSUM BOARD AT INTERIOR

**RIM AREA CONSTRUCTION:**

- SEE DETAILS (SHEET #9)

**SILL CONSTRUCTION:**

- 2x8 TREATED SILL PLATE w/SEALER
- 1/2" ANCHOR BOLTS @ 48" O.C.

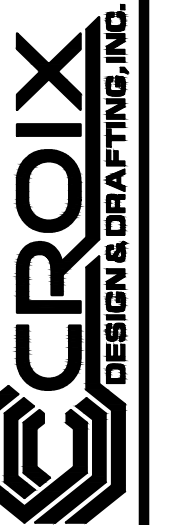
**FOUNDATION CONSTRUCTION:**

- POURED CONCRETE WALL FOUNDATION
- INSTALL R5 RIGID FOAM BOARD INSUL. TO INTERIOR OF FOUNDATION WALLS
- INSTALL R10 RIGID FOAM BOARD INSUL. TO EXTERIOR OF FOUNDATION WALLS
- WATERPROOFING

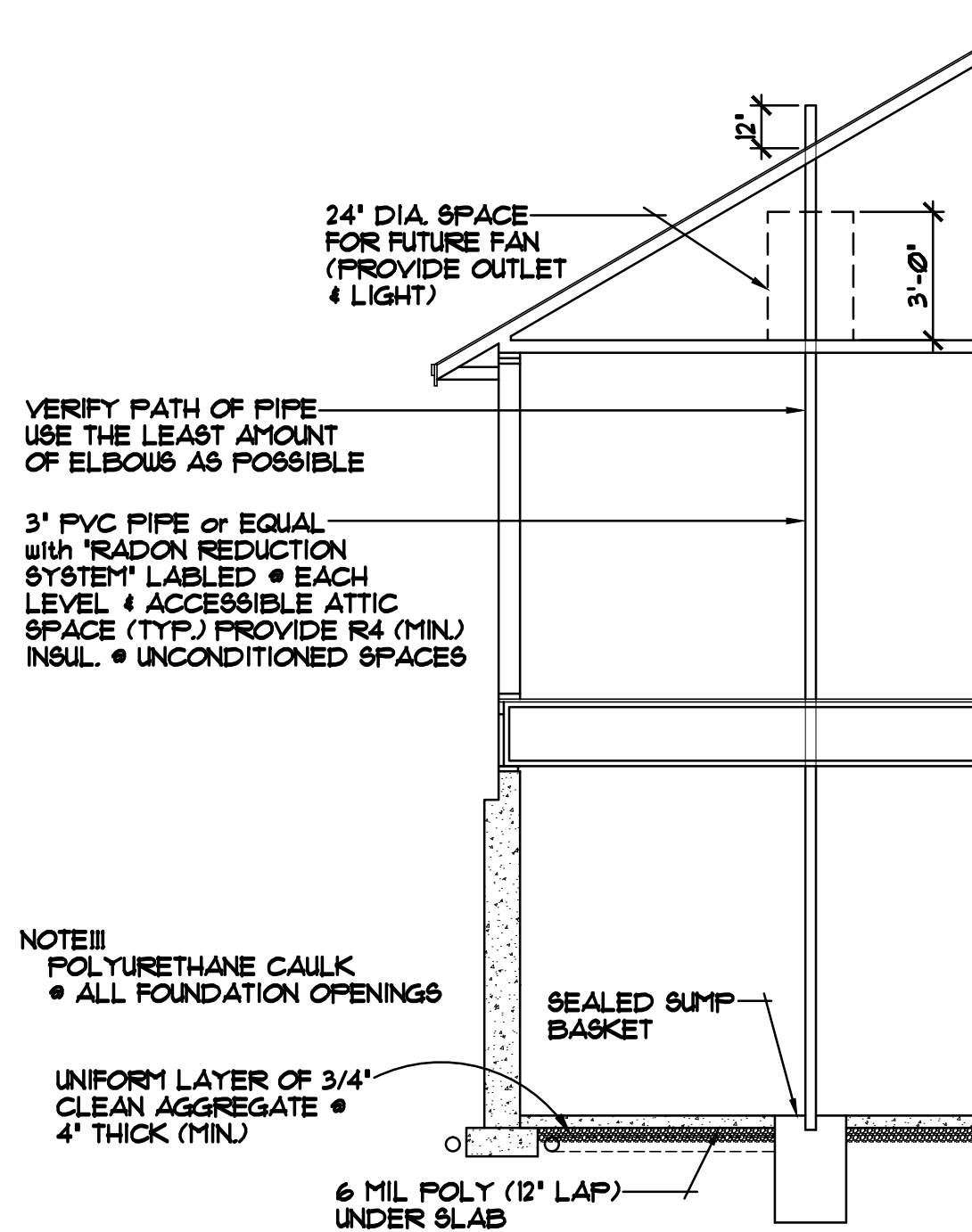
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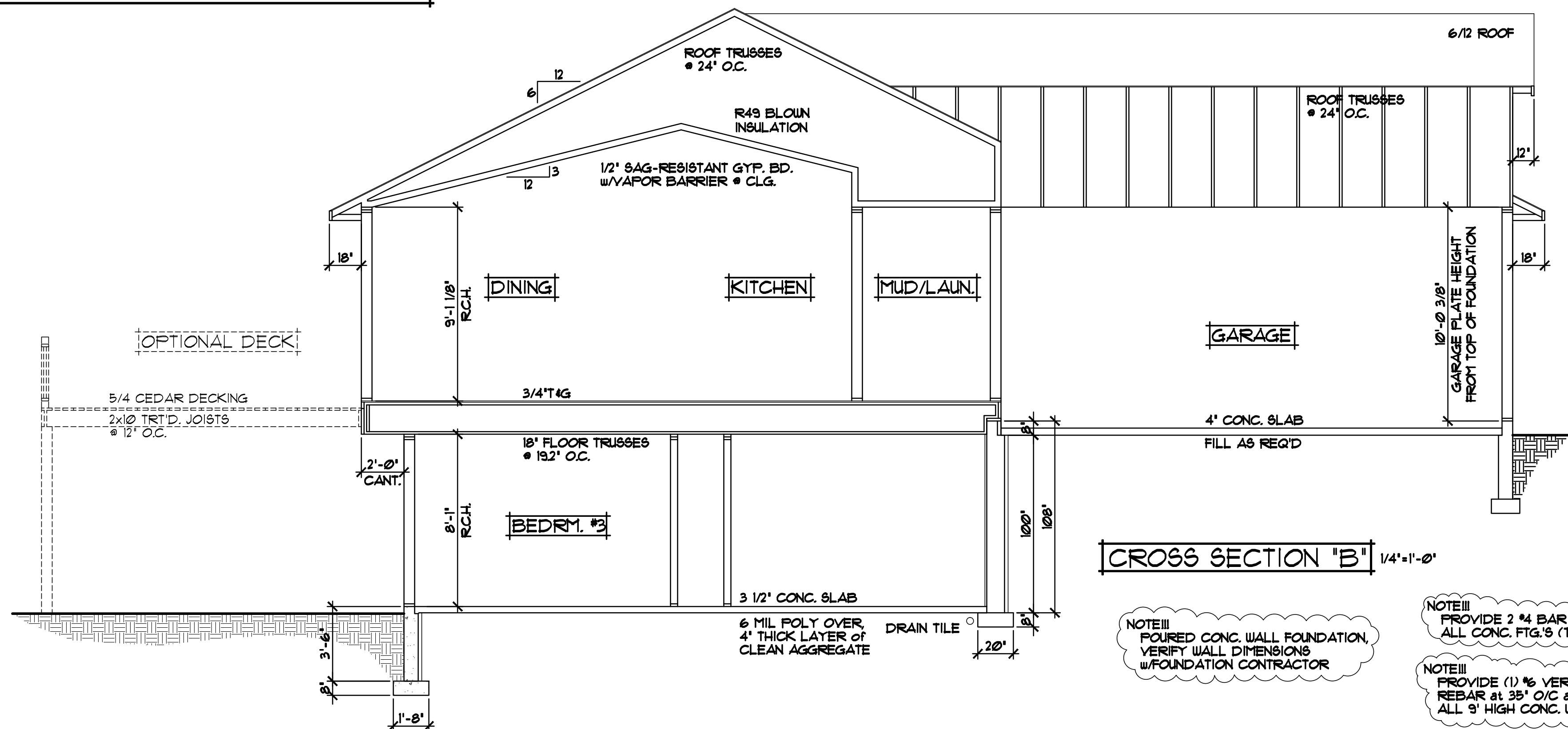


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NOTE III PROVIDE STANDARD ENERGY HEEL • ALL ROOF TRUSSES (TYP.)

**ALTERNATE METHOD FOR PASSIVE RADON MITIGATION SYSTEM**



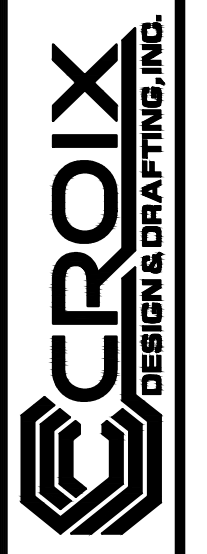
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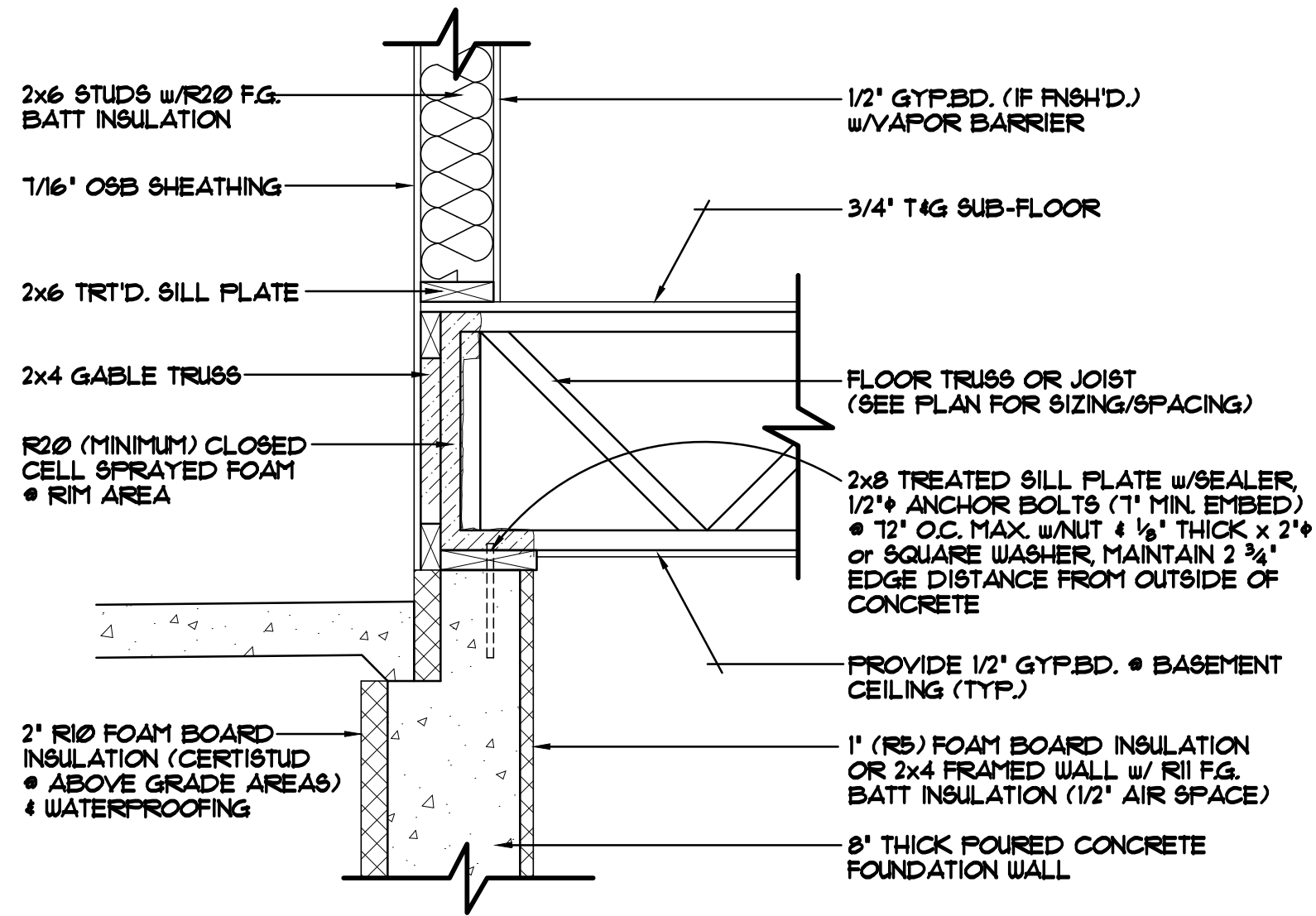
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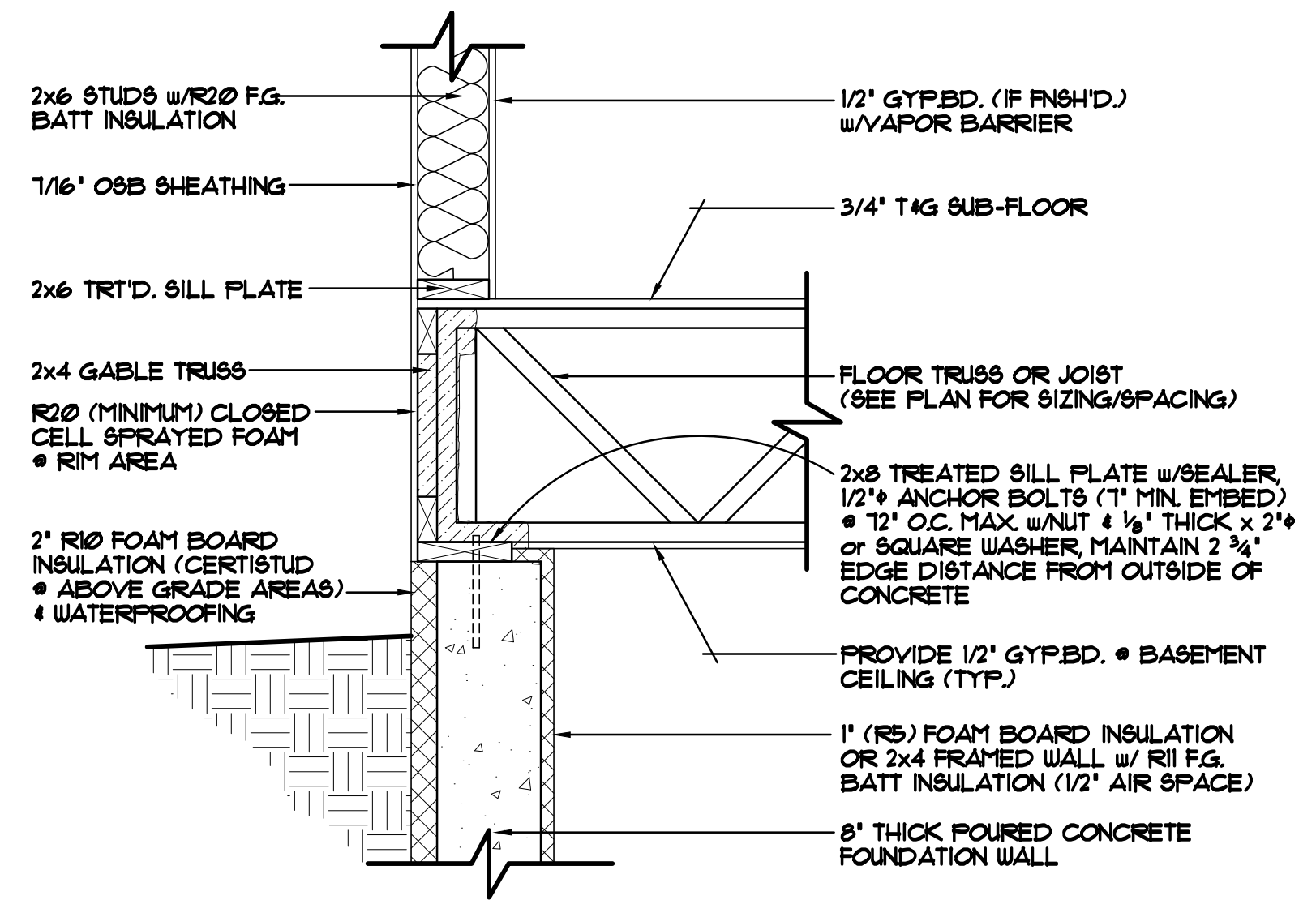


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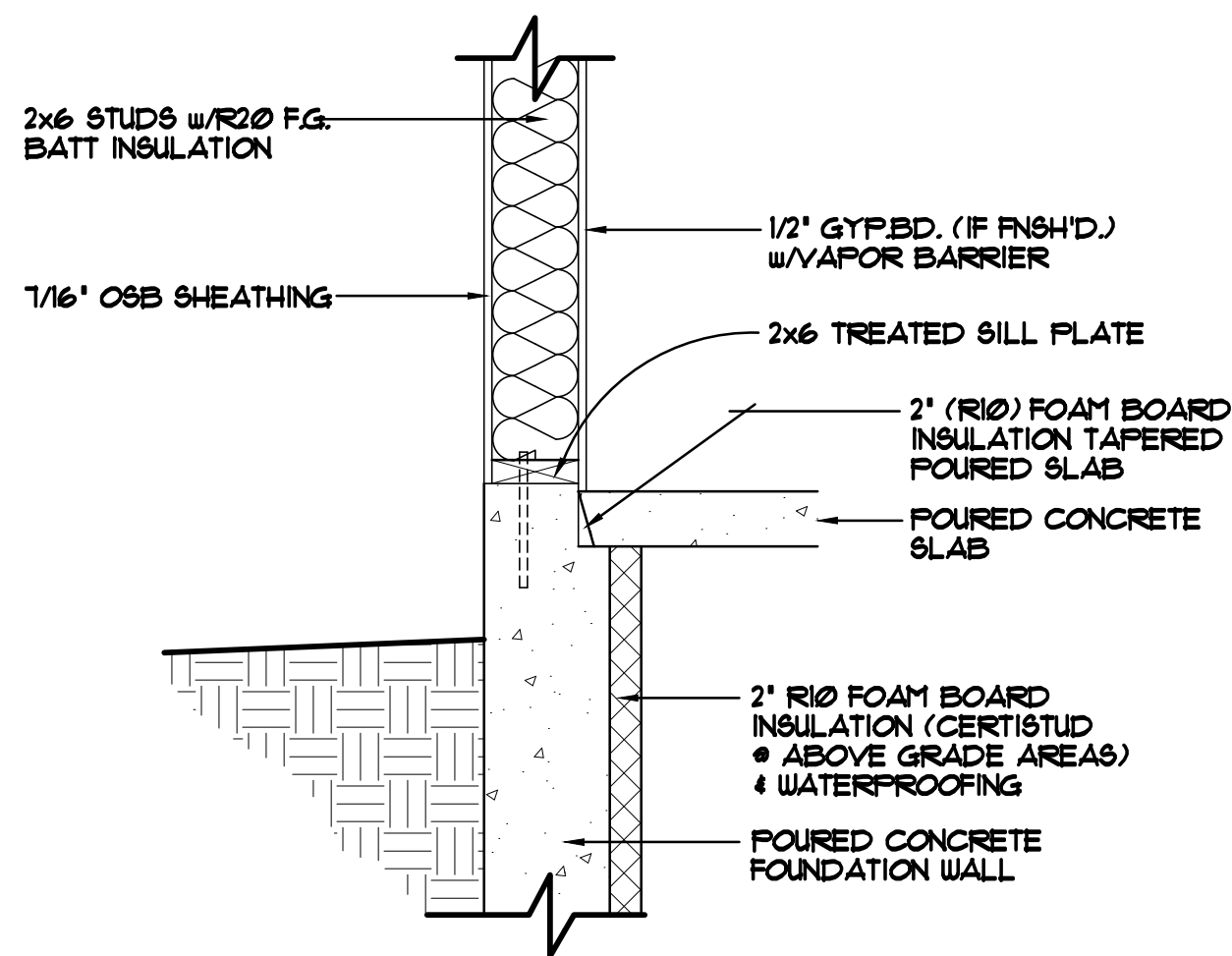
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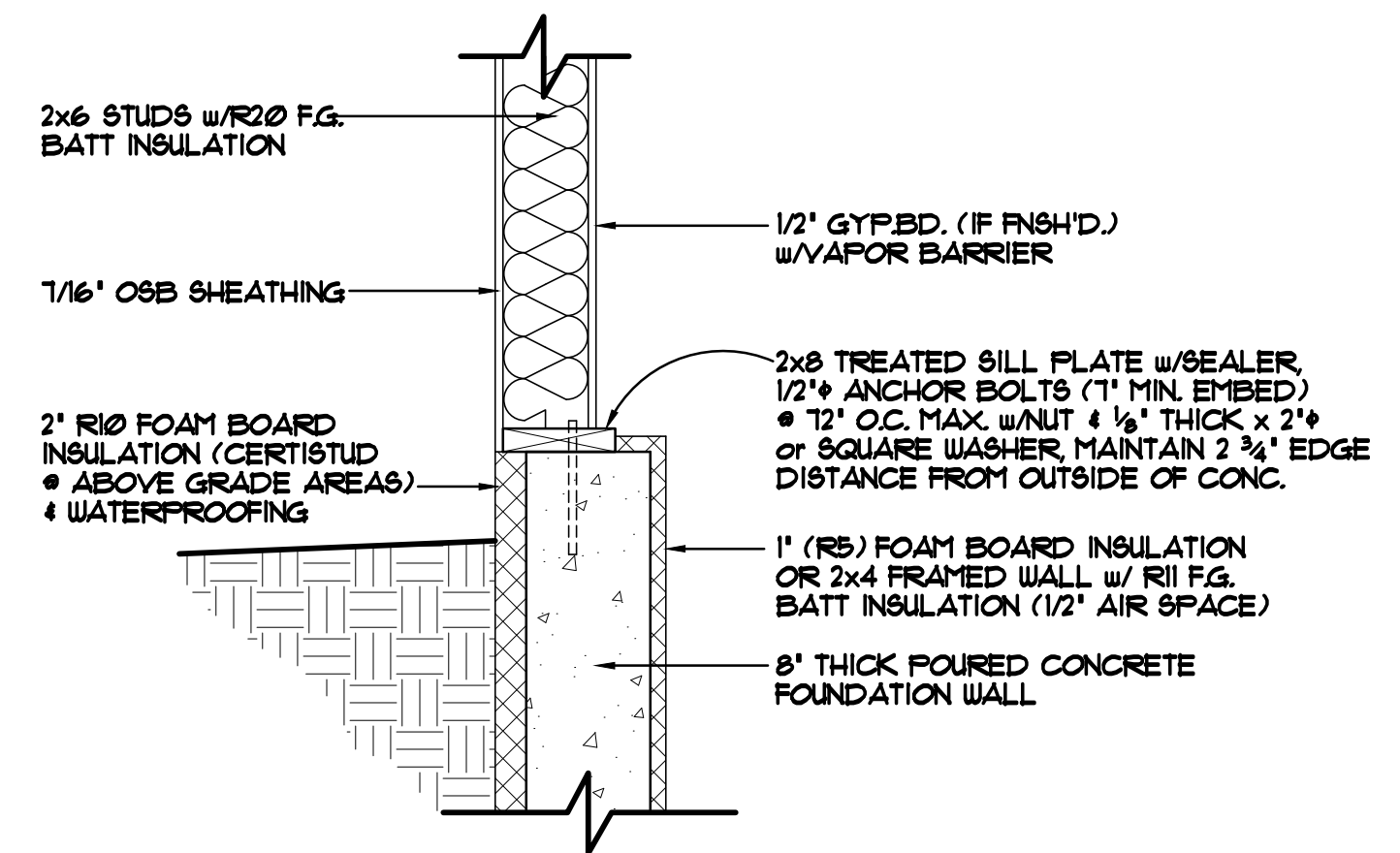
**FOUNDATION/RIM AREA DETAIL "A-1"** 1'-1'-0"  
 BRICK LEDGED RIM AREA, TRUSSES/JOISTS PERPENDICULAR TO FOUNDATION WALL  
 FOUNDATION HELD IN 2'



**FOUNDATION/RIM AREA DETAIL "A-2"** 1'-1'-0"  
 STANDARD RIM AREA, TRUSSES/JOISTS PERPENDICULAR TO FOUNDATION WALL  
 FOUNDATION HELD IN 2'



**FOUNDATION/RIM AREA DETAIL "A-3"** 1'-1'-0"  
 STANDARD WALKOUT SILL/FOUNDATION AREA  
 FOUNDATION NOT HELD IN



**FOUNDATION/RIM AREA DETAIL "B-1"** 1'-1'-0"  
 STANDARD DAYLIGHT SILL/FOUNDATION AREA  
 FOUNDATION HELD IN 2'

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