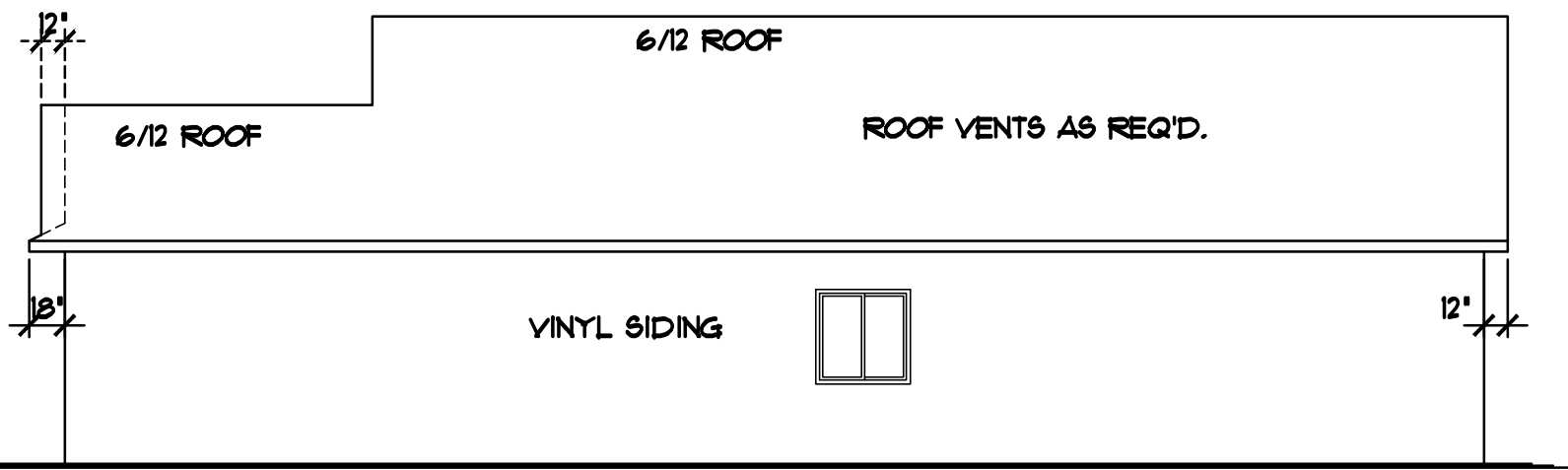
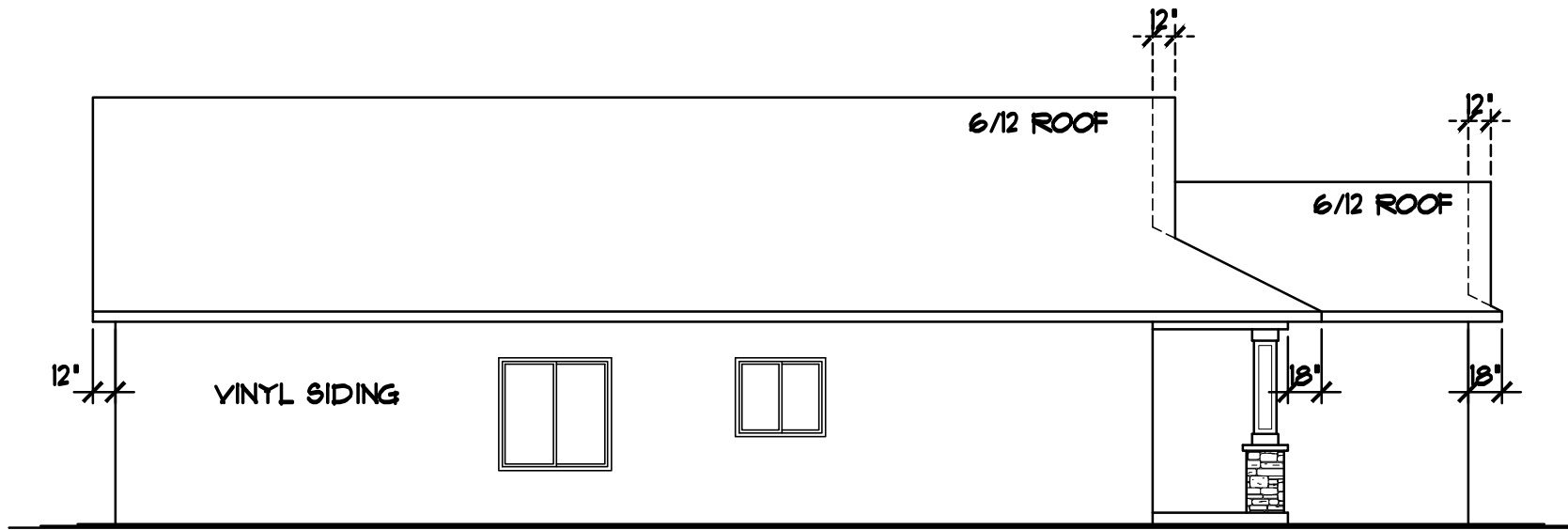


**GENERAL FRAMING & CONSTRUCTION NOTES**

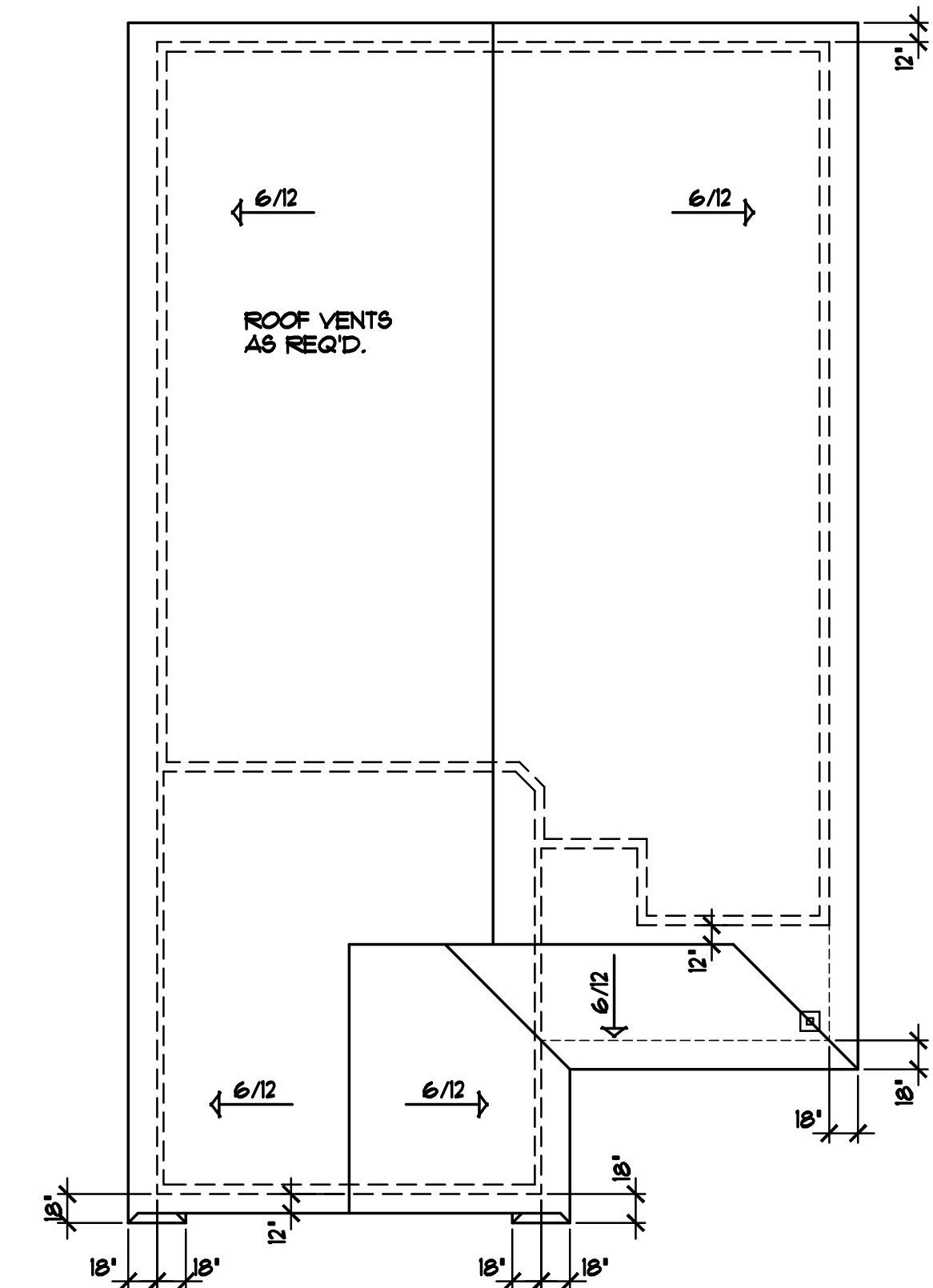
- 9'-1 1/8" PLATE HEIGHT • ENTIRE MAIN LEVEL (UNLESS NOTED OTHERWISE)
- PROVIDE STANDARD ENERGY HEEL • ALL ROOF TRUSSES (UNLESS NOTED OTHERWISE)



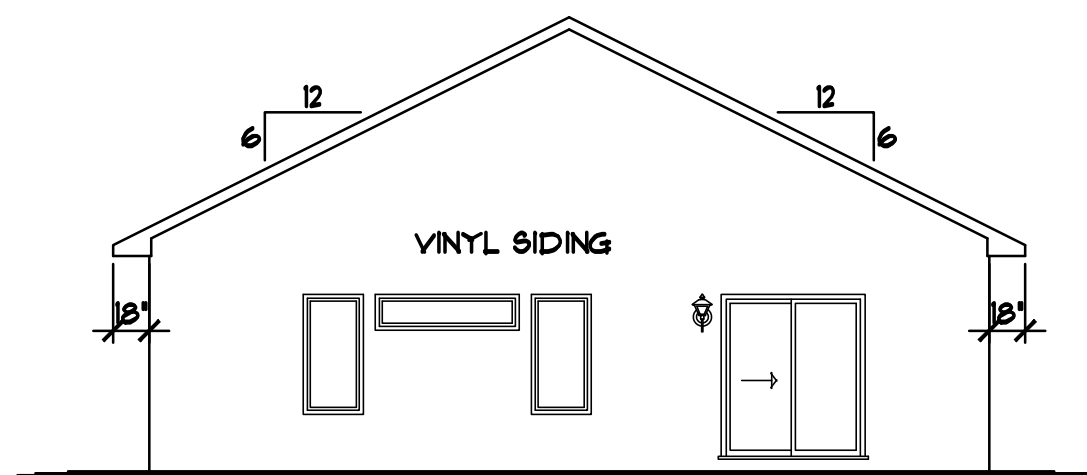
**RIGHT ELEVATION** 1/8"=1'-0"



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

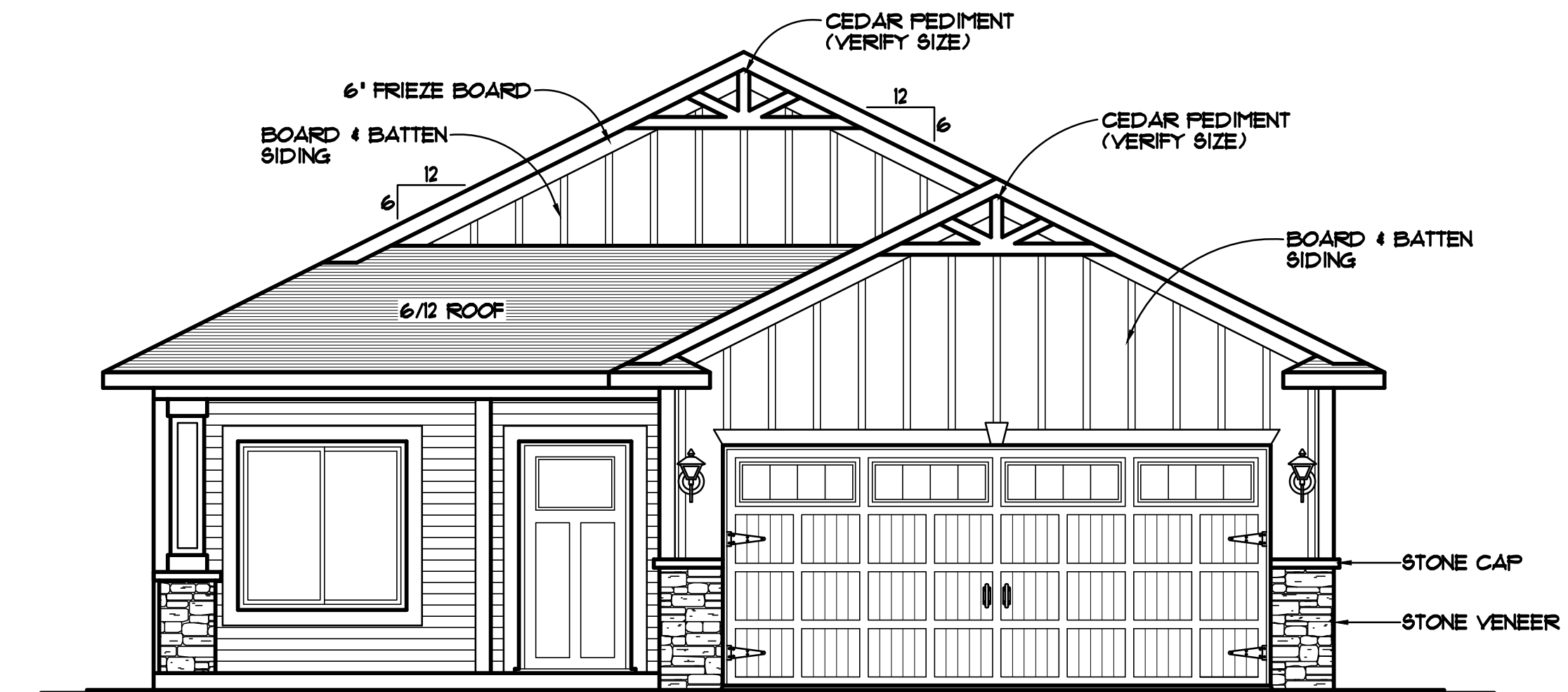


**BIRD'S-EYE ROOF PLAN** 1/8"=1'-0"



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

- VECTOR WINDOWS SPECIFIED VERIFY ALL DOOR AND WINDOW ROUGH OPENINGS WITH SUPPLIER
- ALUMINUM SOFFITS & FASCIA
- VINYL SIDING/CORNER TRIM
- STONE VENEER AS SHOWN



**FRONT ELEVATION** 1/4"=1'-0"

1432 SQ. FT. MAIN LEVEL

THE:

**NOLAN MODEL**

25810 EMERSON COURT  
WYOMING, MN  
LOT 1, BLOCK 1, SUMMER FIELD 2nd ADDITION

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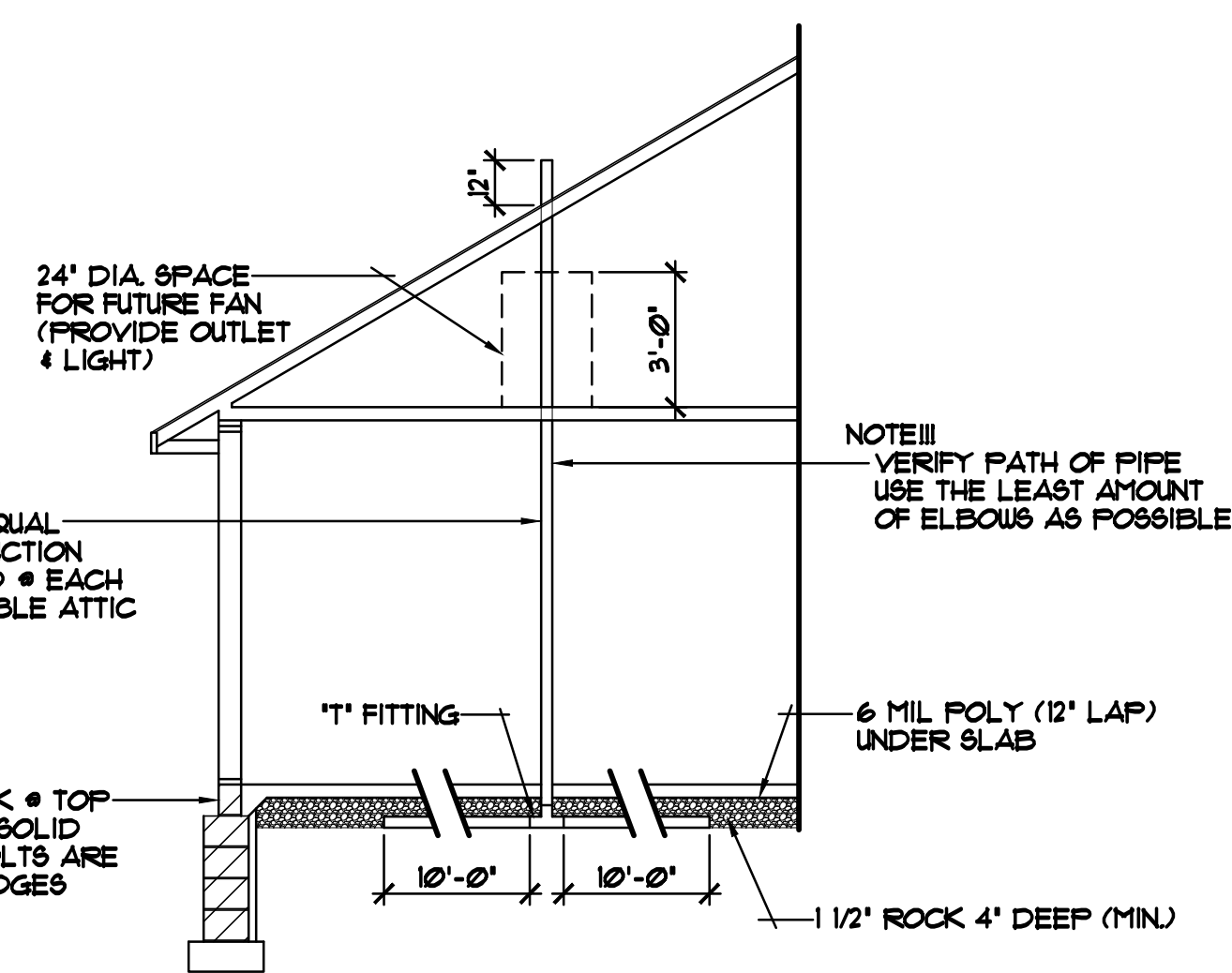
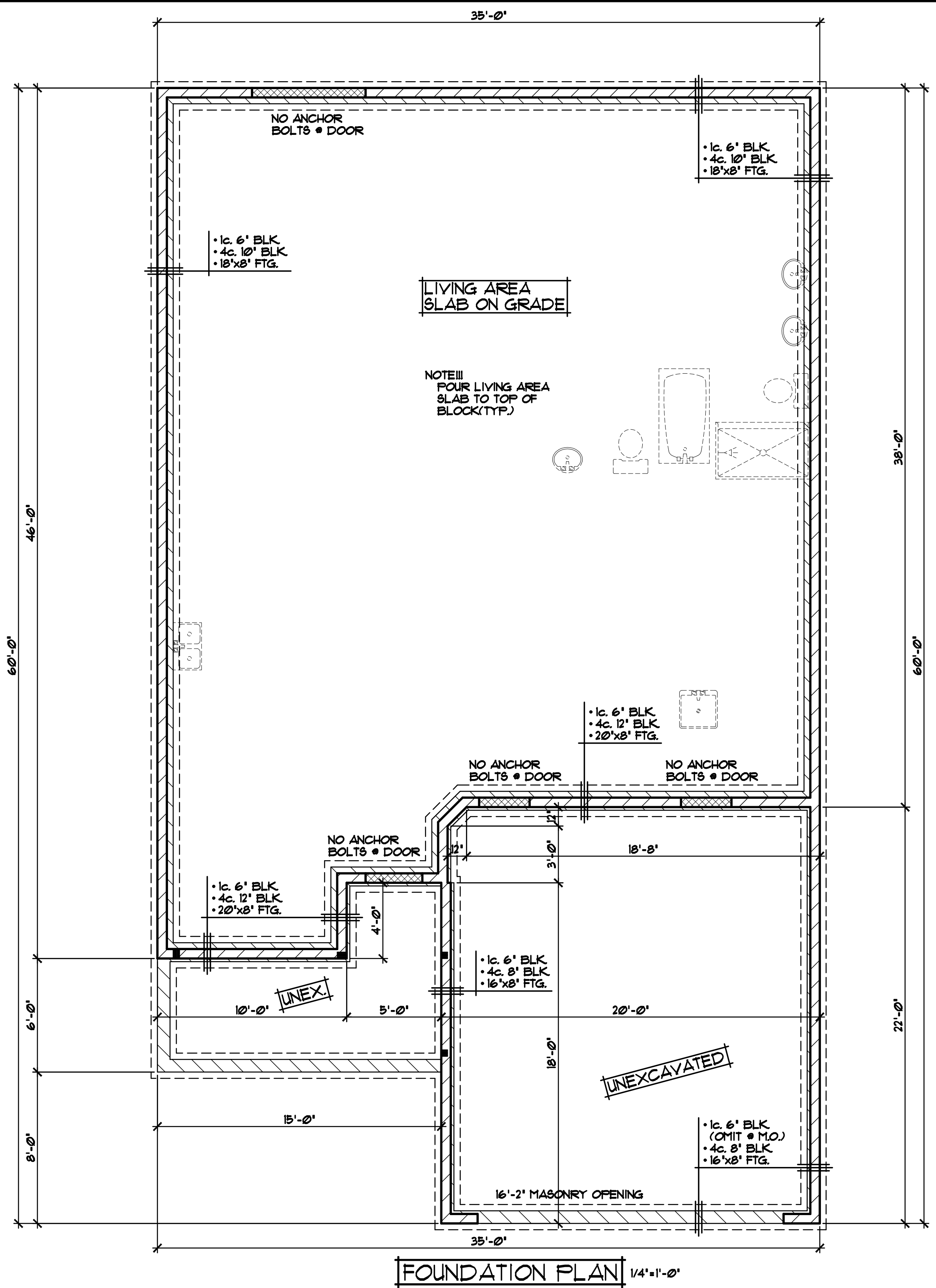
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**ALTERNATE METHOD FOR PASSIVE RADON MITIGATION SYSTEM**

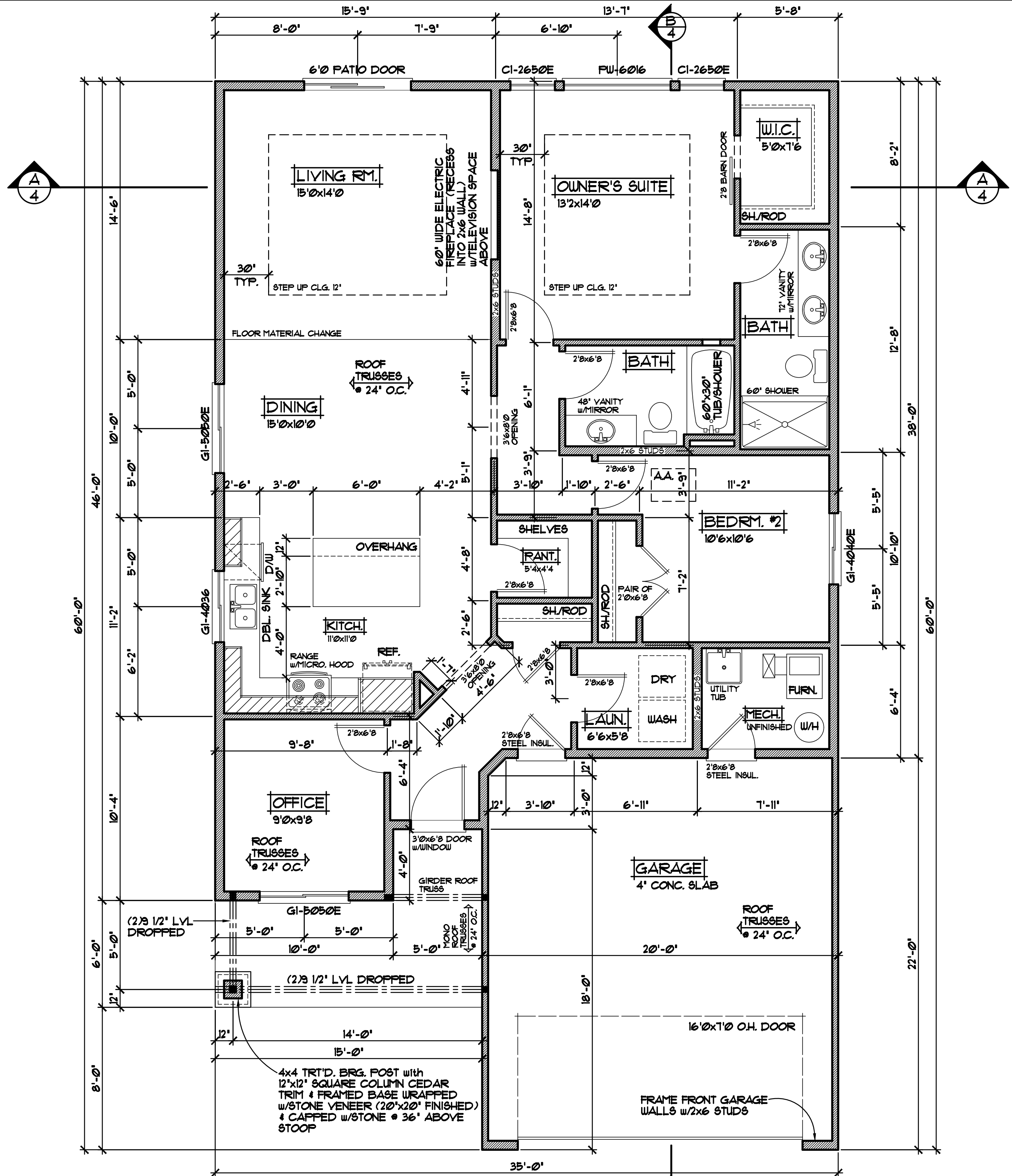
**FOUNDATION PLAN** 1/4"=1'-0"

**GENERAL FRAMING & CONSTRUCTION NOTES**

- 9'-1 1/8" PLATE HEIGHT • ENTIRE MAIN LEVEL (UNLESS NOTED OTHERWISE)
- 9'-1 1/8" PLATE HEIGHT • GARAGE FROM TOP OF FOUNDATION (UNLESS NOTED OTHERWISE)
- FRAME ALL GARAGE WALLS w/2x4 STUDS • 16' O.C. (UNLESS NOTED OTHERWISE)
- ALTERNATE HEADER/BREAM SIZES & TYPES MAY BE SPECIFIED BY SUPPLIER
- PROVIDE RADIANT FLOOR HEATING • MAIN LEVEL CONCRETE SLAB

**DOOR & WINDOW NOTES**

- VECTOR VINYL WINDOWS SPECIFIED VERIFY ROUGH OPENING SIZES FOR DOORS & WINDOWS w/ MANUFACTURER
- WINDOWS with "\*" REQUIRE A SASH LIMITER (TYP.)
- ALL WINDOW & DOOR OPENINGS TO HAVE (2)2x10 #2 GRADE HEADER or BETTER (UNLESS NOTED OTHERWISE)
- TOP OF R.O. FOR ALL WINDOWS ON MAIN LEVEL TO BE 6'-10 1/2" FROM TOP OF FOUNDATION/CONC. SLAB (UNLESS NOTED OTHERWISE)



**MAIN LEVEL FLOOR PLAN** 1/4"=1'-0"

1432 SQ. FT. MAIN LEVEL (41 SQ. FT. MECH. RM. INCLUDED) 438 SQ. FT. GARAGE

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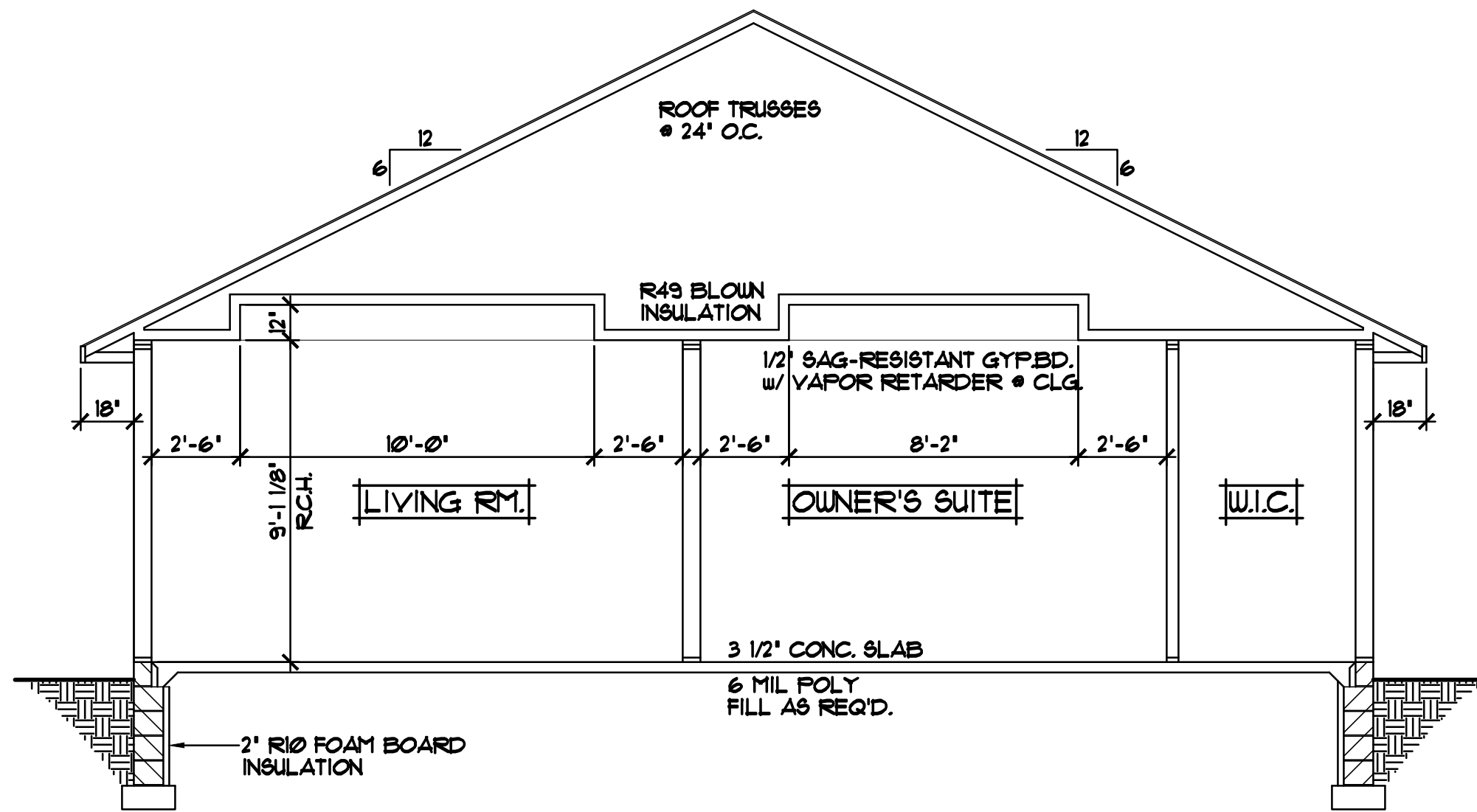


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**GENERAL FRAMING & CONSTRUCTION NOTES**

- 9'-1 1/8" PLATE HEIGHT • ENTIRE MAIN LEVEL (UNLESS NOTED OTHERWISE)
- PROVIDE STANDARD ENERGY HEEL • ALL ROOF TRUSSES (UNLESS NOTED OTHERWISE)



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

**ROOF CONSTRUCTION:**

- PRE-MANUFACTURED ROOF TRUSSES-ENGINEERED BY SUPPLIER
- 1/150 ROOF VENT AT SOFFITS, 1/150 VENT AT RIDGE
- AIR CHUTE AT EACH TRUSS SPACE
- 15/32" ROOF SHEATHING
- 15# ROOFING FELT
- ICE & WATER MEMBRANE APPLIED 24" PAST EXTERIOR WALL
- 30 YEAR RAISED TAB SHINGLES

**SOFFIT / FASCIA:**

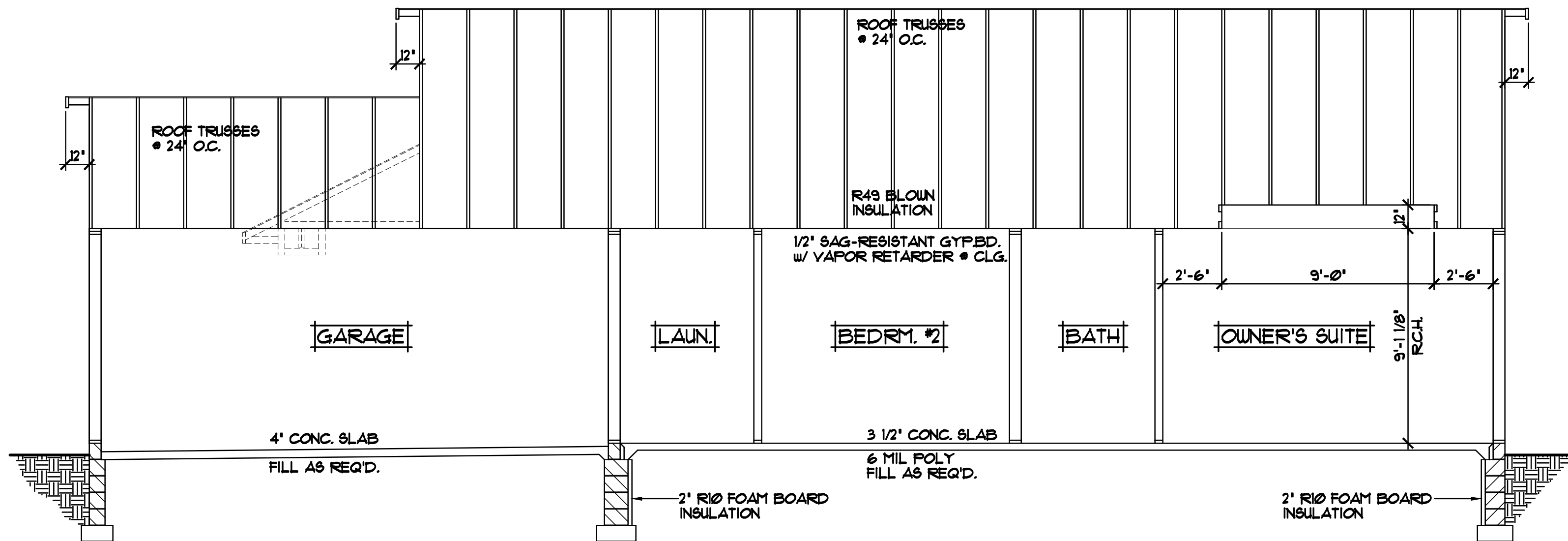
- 2x6 SUB-FASCIA
- MAINTENANCE FREE FASCIA COVER
- MAINTENANCE FREE VENTED SOFFIT

**WALL CONSTRUCTION:**

- HOUSE WRAP
- 7/16" OSB SHEATHING
- 2x6 STUDS @ 16" O.C.
- WINDOWS PER SPEC'S
- R-20 FG. BATT INSULATION
- 4 MIL. POLY VAPOR RETARDER
- 1/2" GYPSUM BOARD

**SILL CONSTRUCTION:**

- 2x6 SILL PLATE & SEALER
- 1/2" ANCHOR BOLTS @ 12" O.C.



**CROSS SECTION "B"** 1/4"=1'-0"

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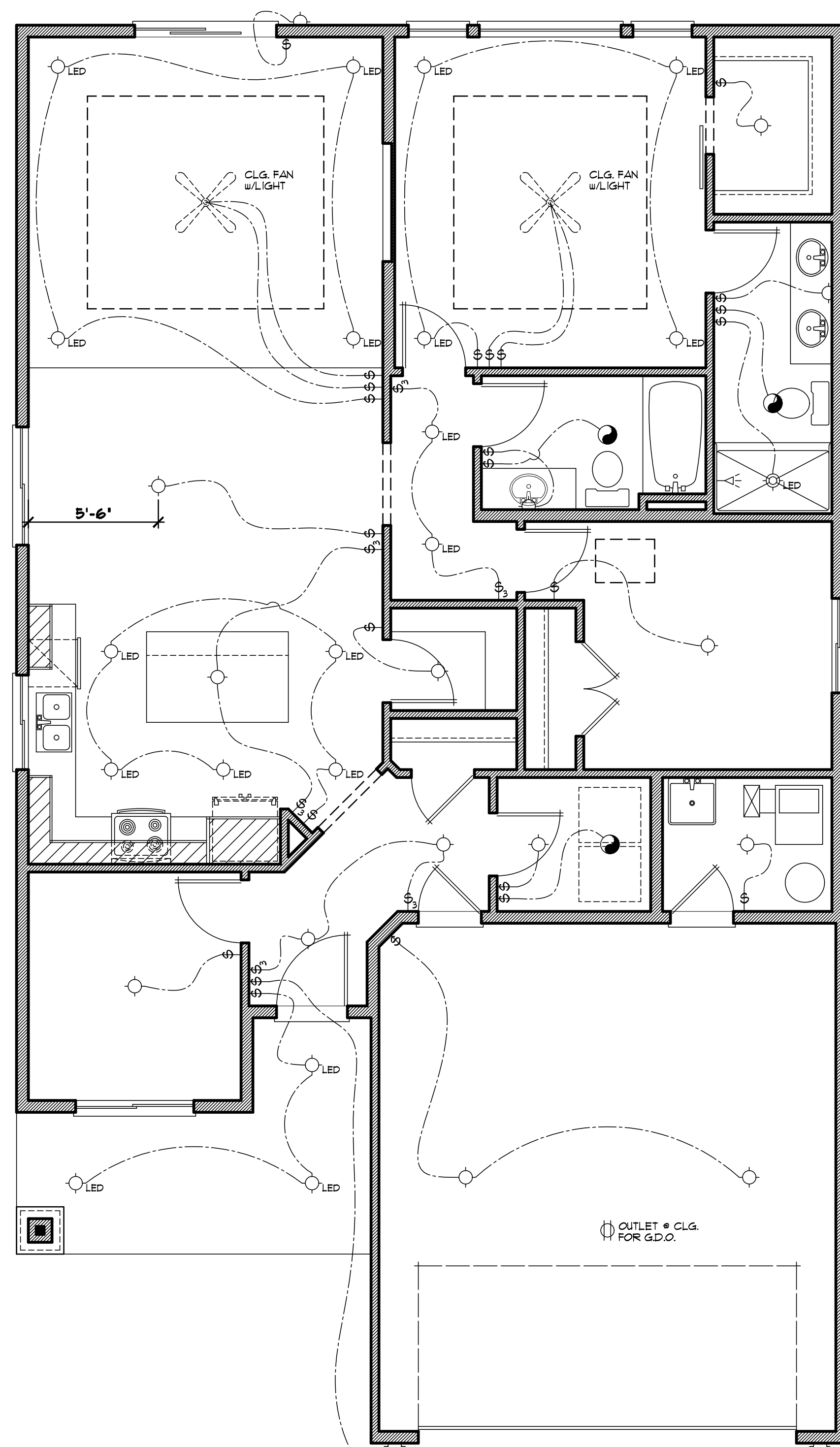
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ELECTRICAL and MECHANICAL SYMBOLS	
▽ TELEPHONE JACK	☯ EXHAUST FAN
▼ TV/CABLE JACK	○ LIGHT - CEILING FIXTURE
Ⓢ SWITCH - SINGLE	○ LIGHT - RECESSED FIXTURE
Ⓢ <sub>3</sub> SWITCH - THREE WAY	○ LIGHT - RECESSED DIRECTIONAL
Ⓢ <sub>4</sub> SWITCH - FOUR WAY	○ LIGHT - PENDANT
Ⓢ <sub>D</sub> SWITCH - DIMMER	△ LIGHT - TRACK
Ⓢ <sub>FC</sub> SWITCH - FAN CONTROLS	▷ LIGHT - FLUORESCENT
○ OUTLET - DUPLEX	○ LIGHT - WALL MOUNTED
○ OUTLET - DUPLEX SWITCHED	○ LED LIGHT - LED 'RECESSED'
○ GFI OUTLET - GROUND FAULT	⊥ HB HOSE BIBB
○ W/P OUTLET - WEATHERPROOF	⊥ GAS GAS OUTLET
○ OUTLET - FLOOR/SOFFIT MOUNT	⊠ HVAC - SUPPLY VENT
○ 220 OUTLET - RANGE OR DRYER	⊠ HVAC - RETURN VENT
○ SD SMOKE DETECTOR	



MAIN LEVEL ELECTRICAL PLAN 1/4"=1'-0"

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TABLE R602.3(3) REQUIREMENTS FOR WOOD STRUCTURAL PANEL WALL SHEATHING USED TO RESIST WIND PRESSURE a,b,c

MINIMUM NAIL		MINIMUM WOOD STRUCTURAL PANEL SPAN RATING	MINIMUM NOMINAL PANEL THICKNESS (INCHES)	MAXIMUM WALL STUD SPACING (INCHES)	PANEL NAIL SPACING		MAXIMUM WIND SPEED (MPH)		
SIZE	PENETRATION (INCHES)				EDGES (INCHES O.C.)	FIELD (INCHES O.C.)	WIND EXPOSURE CATEGORY		
6d COMMON (2.0"x0.13")	1.5	24/0	3/8	16	6	12	B	C	D
8d COMMON (2.5"x0.131")	1.75	24/16	7/16	16	6	12	140	115	110
				24	6	12	170	140	135

FOR 51: 1" = 25.4mm, 1 mile per hour = 0.447 m/s

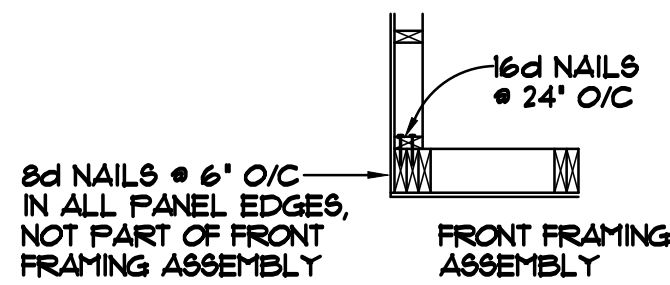
- a. Panel strength axis parallel or perpendicular to supports. three-ply plywood sheathing with studs spaced more than 16 inches on center shall be applied with panel strength axis perpendicular to supports
- b. Table is based on wind pressures acting toward and away from building surfaces per Section R301.2. Lateral bracing requirements shall be in accordance with Section R602.10
- c. Wood structural panels with span ratings of Wall-16 or Wall-24 shall be permitted as an alternate to panels with a 24/0 span rating. Plywood siding rated 16'o.c. or 24'o.c. shall be permitted as an alternate to panels with a 24/16 span rating. Wall-16 and Plywood siding 16'o.c. shall be used with studs spaced a maximum of 16 inches on center.

WALL BRACING METHOD	DESCRIPTION
#1 CS-WSP	(CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANEL) PER TABLE R602.3 (3)
#2 GB	(GYPSUM BOARD) EXTERIOR PER TABLE R602.3 (1) INTERIOR PER TABLE T02.3.5
#3 CS-FF	(CONTINUOUSLY SHEATHED PORTAL FRAME PANEL CONSTRUCTION) SEE THE CS-FF DETAIL (THIS SHEET)

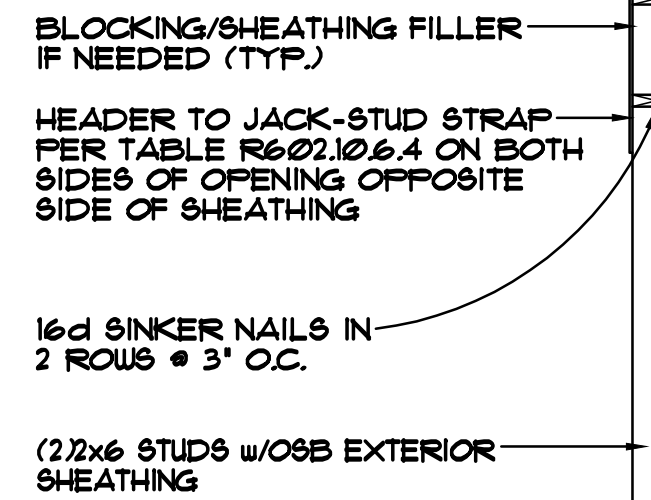
ALL BRACED PANEL LENGTHS GIVEN ARE TO BE TREATED AS MINIMUMS.

WIND EXPOSURE CATEGORY IS TO BE CATEGORY 'B' PER SECTION R301.2.1.4

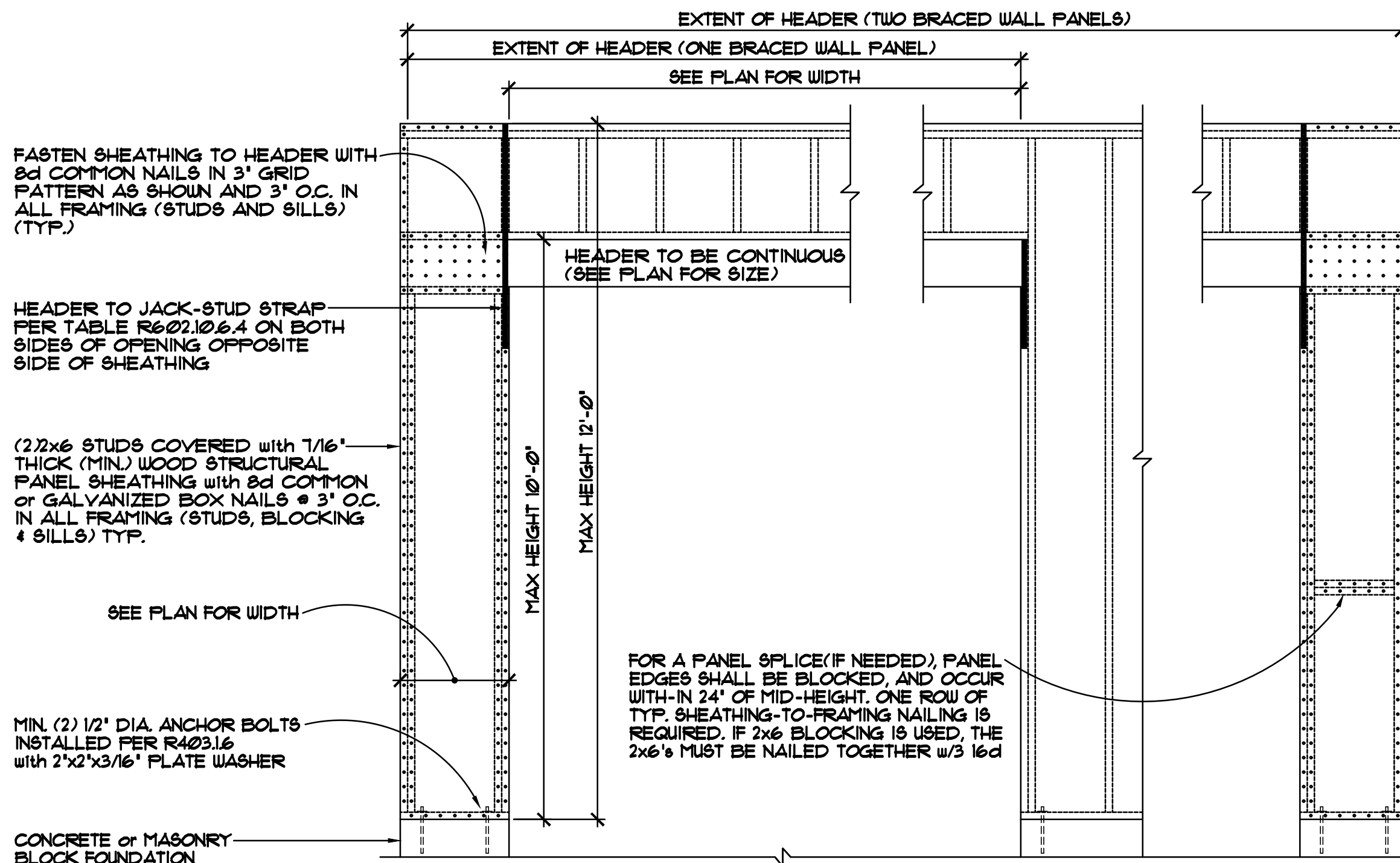
WIND SPEED RESISTANCE TO BE MEASURED LESS THAN OR EQUAL TO 115 MPH.



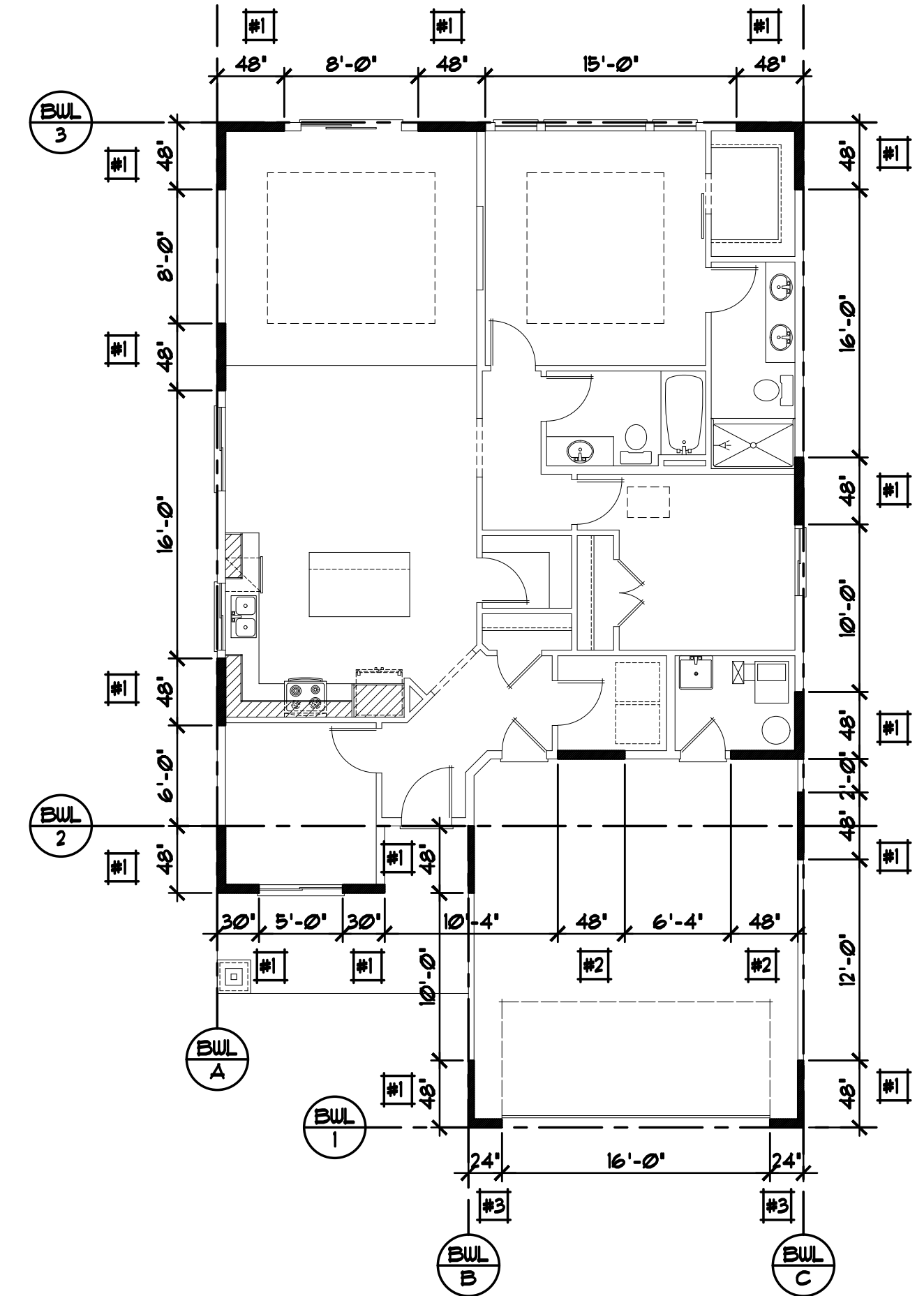
CORNER FRAMING DETAIL



SIDE ELEVATION



CONTINUOUSLY SHEATHED PORTAL FRAME PANEL CONSTRUCTION 1/2" = 1'-0"

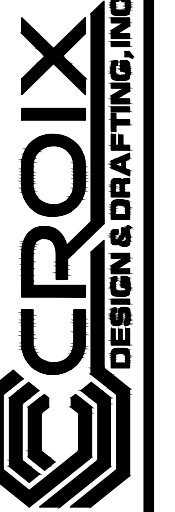


MAIN LEVEL WALL BRACING PLAN 1/8" = 1'-0"

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