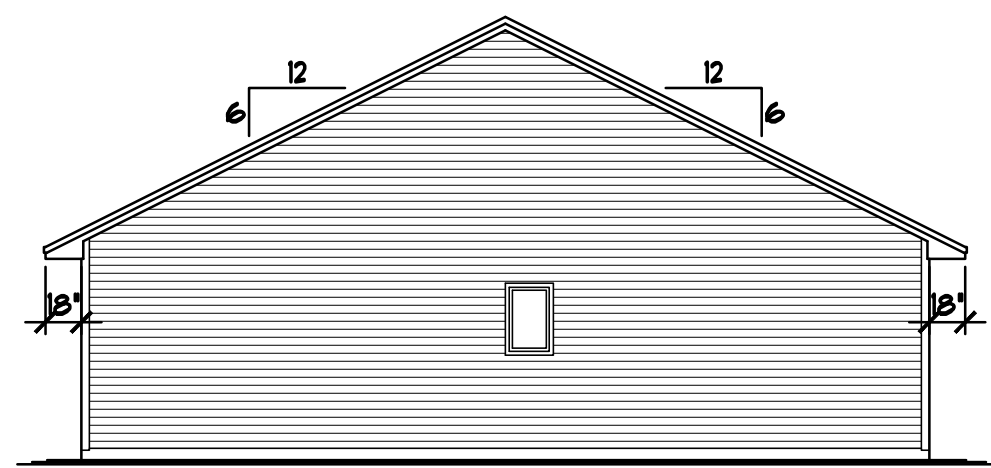
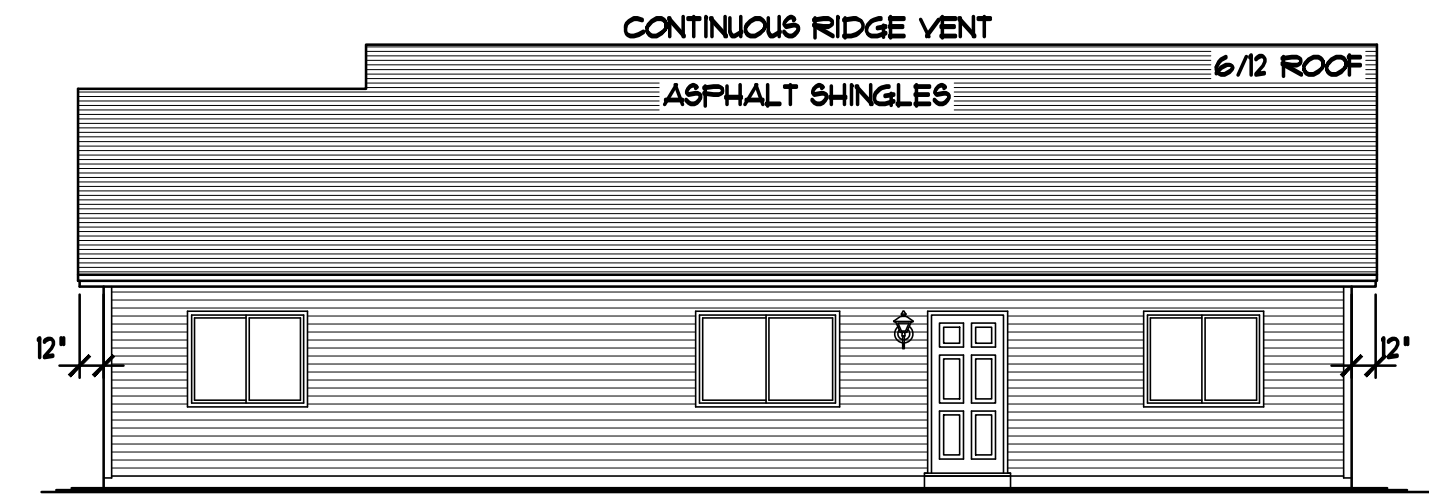


RIGHT ELEVATION 1/8"=1'-0"



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

| WINDOW and DOOR PERFORMANCE DATA U-VALUE / SHGC | |
|--|-----|
| ① GLIDER UNIT U-VALUE = 0.30 SHGC = 0.34 | |
| ② CASEMENT UNIT U-VALUE = 0.29 SHGC = 0.30 | |
| ③ FIXED/PICTURE UNIT U-VALUE = 0.28 SHGC = 0.31 | N/A |
| ④ SLIDING PATIO DOOR U-VALUE = 0.28 SHGC = 0.34 | N/A |
| ⑤ METAL INSUL'D. ENTRY DOOR U-VALUE = 0.17 SHGC = 0.06 | |



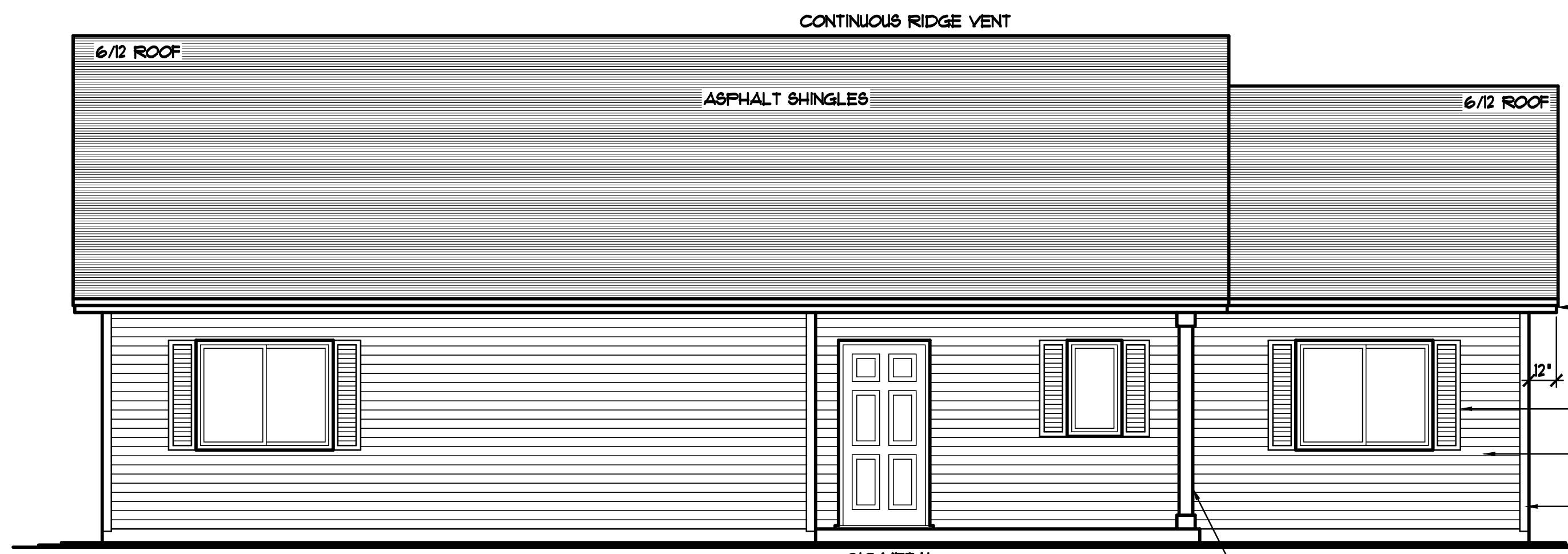
REAR ELEVATION 1/8"=1'-0"

NOTE III
PROVIDE 12' HEEL
• ALL ROOF TRUSSES
UNLESS NOTED OTHERWISE

NOTE III
INSTALL SIMPSON H2.5
HURRICAN TIE at EVERY
ROOF TRUSS, ONE at
EACH END (TYP.)

| LEVEL HEIGHT INFORMATION TABLE | | |
|--------------------------------|-----------|-------------|
| LEVEL | R.C.H. | TOP OF R.O. |
| MAIN LEVEL | 8'-1 1/8" | 6'-10 1/2" |

- THERMO-TECH WINDOW SIZES SPEC'D.
- VINYL SIDING (TYP.)
- CERTAINTEED OR L.P. SMARTSIDE ONE PIECE CORNER TRIM
- VINYL SHAKE SIDING WHERE SHOWN
- ALUMINUM SOFFITS & FASCIA
- DECO. SHUTTERS WHERE SHOWN
- PROVIDE GUTTERS & DOWNSPOUT (VERIFY POSITION w/ BUILDER)



FRONT ELEVATION 1/4"=1'-0"
1647 SQFT. MAIN LEVEL

- ALUMINUM SOFFITS and FASCIA
- SHUTTERS
- HORIZONTAL VINYL SIDING
- CERTAINTEED OR L.P. SMARTSIDE ONE PIECE CORNER TRIM

3/8" METAL INSUL. DOOR w/ STORM DR

COLUMN TO BE VINYL WRAPPED OR PAINTED, VERIFY w/ SPECS.

THE:
WALNUT PLAN
KITCHEN LEFT - S.O.G.

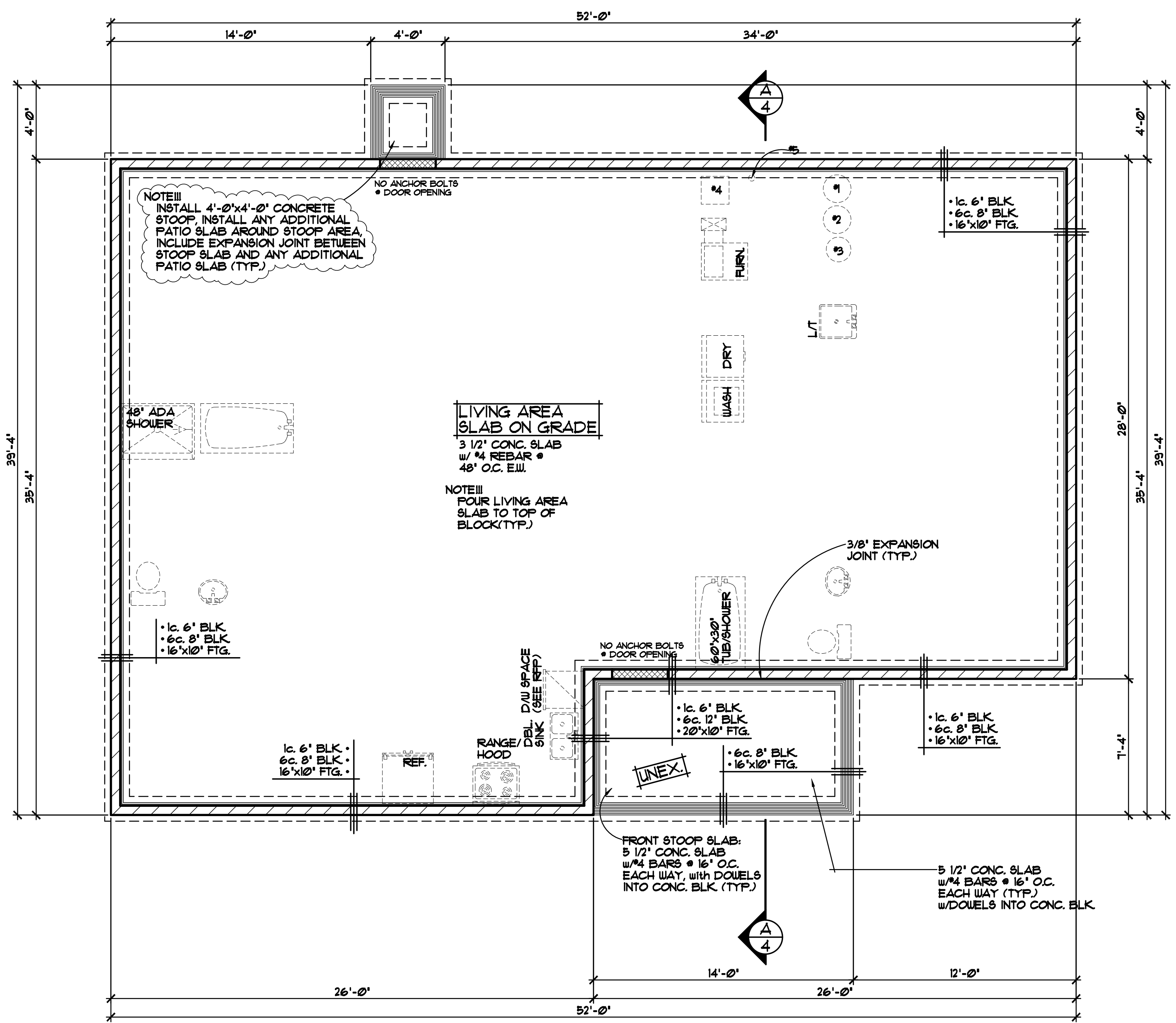
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• PHONE: 763.757.5997 • ANDOVER, MINNESOTA •
• WWW.CROIXDESIGN.COM •

BUILT BY:
MILLE LACS BAND of OJIBWE

| | |
|-------------|------------|
| DRAWN | L.V. |
| CHECKED | XX |
| DATE | 06/27/2017 |
| SCALE | AS NOTED |
| CADD FILE # | 17265-KL |



NOTE!!!
INSTALL 4'-0" x 4'-0" CONCRETE STOOP, INSTALL ANY ADDITIONAL PATIO SLAB AROUND STOOP AREA, INCLUDE EXPANSION JOINT BETWEEN STOOP SLAB AND ANY ADDITIONAL PATIO SLAB (TYP.)

LIVING AREA
SLAB ON GRADE
3 1/2" CONC. SLAB
w/ #4 REBAR @
48" O.C. E.W.

NOTE!!!
FOUR LIVING AREA
SLAB TO TOP OF
BLOCK (TYP.)

NO ANCHOR BOLTS
• DOOR OPENING

• 1c. 6" BLK.
• 6c. 8" BLK.
• 16' x 10' FTG.

• 1c. 6" BLK.
• 6c. 12" BLK.
• 20' x 10' FTG.

• 6c. 8" BLK.
• 16' x 10' FTG.

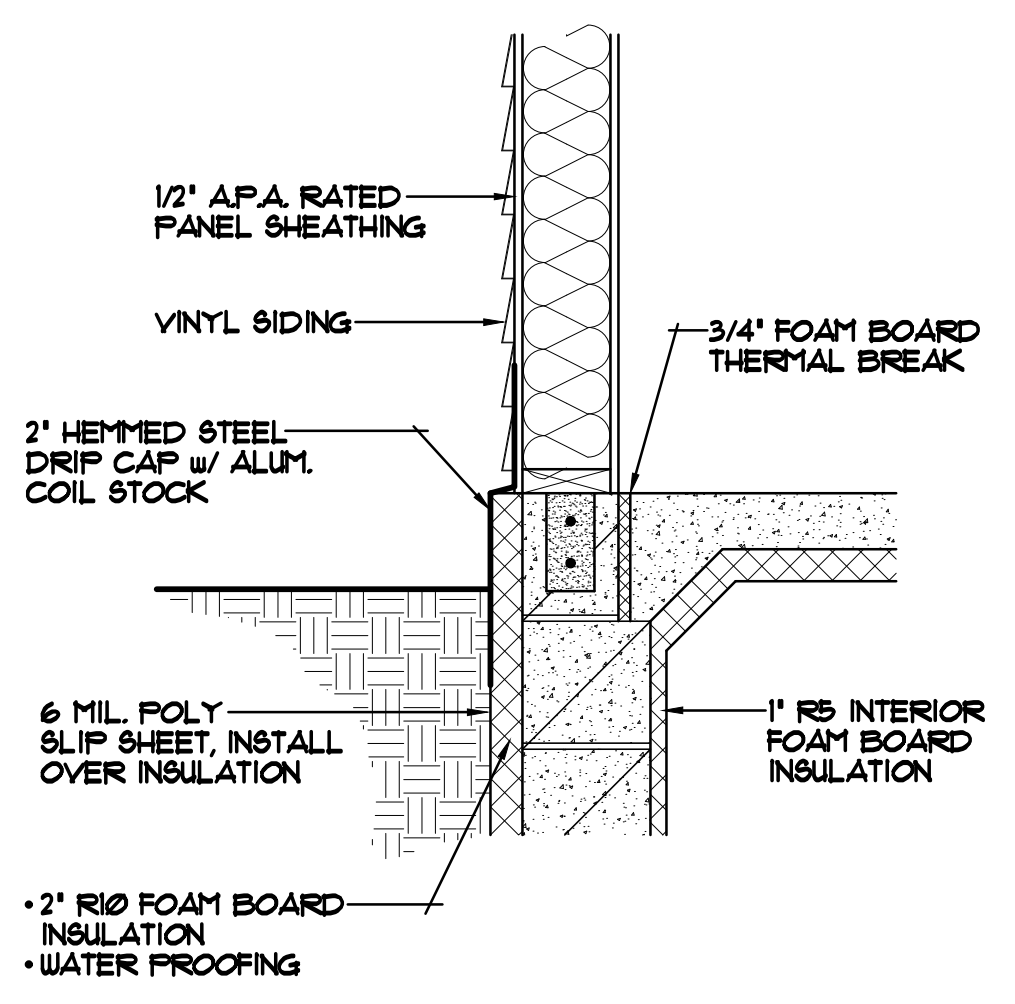
• 1c. 6" BLK.
• 6c. 8" BLK.
• 16' x 10' FTG.

FRONT STOOP SLAB:
5 1/2" CONC. SLAB
w/ #4 BARS @ 16" O.C.
EACH WAY, WITH DOWELS
INTO CONC. BLK. (TYP.)

5 1/2" CONC. SLAB
w/ #4 BARS @ 16" O.C.
EACH WAY (TYP.)
w/ DOWELS INTO CONC. BLK.

ALL HEIGHT CALCULATIONS FOR FOUNDATIONS ARE BASED ON THE USE OF FULL 8" HIGH BLOCK w/ 3/8" JOINTS. IF MODULAR BLOCK IS USED, CONTRACTORS SHOULD ADJUST HEIGHTS ACCORDINGLY.

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



FOUNDATION FLASHING DETAIL
SCALE: 1"=1'-0"

- MECH. NOTES!!!
- #1 - WATER HEATER
 - #2 - WATER SOFTENER
 - #3 - WELL PRESSURE TANK
 - #4 - HEAT RECOVERY VENTILATOR SUMP BASKET BELOW (VERIFY)
 - #5 - RADON PIPE
 - #6 - ELECTRIC PANEL
 - #7 - LOW VOLTAGE PANEL

- FOUNDATION CONST. NOTES
- TOP COURSE OF BLK. to be CONC. BOND BEAM with (2) #4 BARS (TYP.)
 - PROVIDE 2" R10 FOAM BOARD INSULATION @ EXTERIOR FOUNDATION WALLS & 1" R5 FOAM BOARD INSULATION AT INTERIOR SIDE OF FOUNDATION WALLS (TYP.)
 - PROVIDE 2" R10 FOAM BOARD BELOW SLAB (TYP.)
 - INSULATION & AIR BARRIER TO BE CONT. OVER TOP OF FOUNDATION WALLS (TYP.)
 - PROVIDE (2) #4 RE-BAR CONTINUOUS THROUGH CONC. FOUNDATION FOOTINGS
 - TOP OF MAIN LEVEL SLAB HELD UP TO TOP OF FOUNDATION WALL (TYP.)

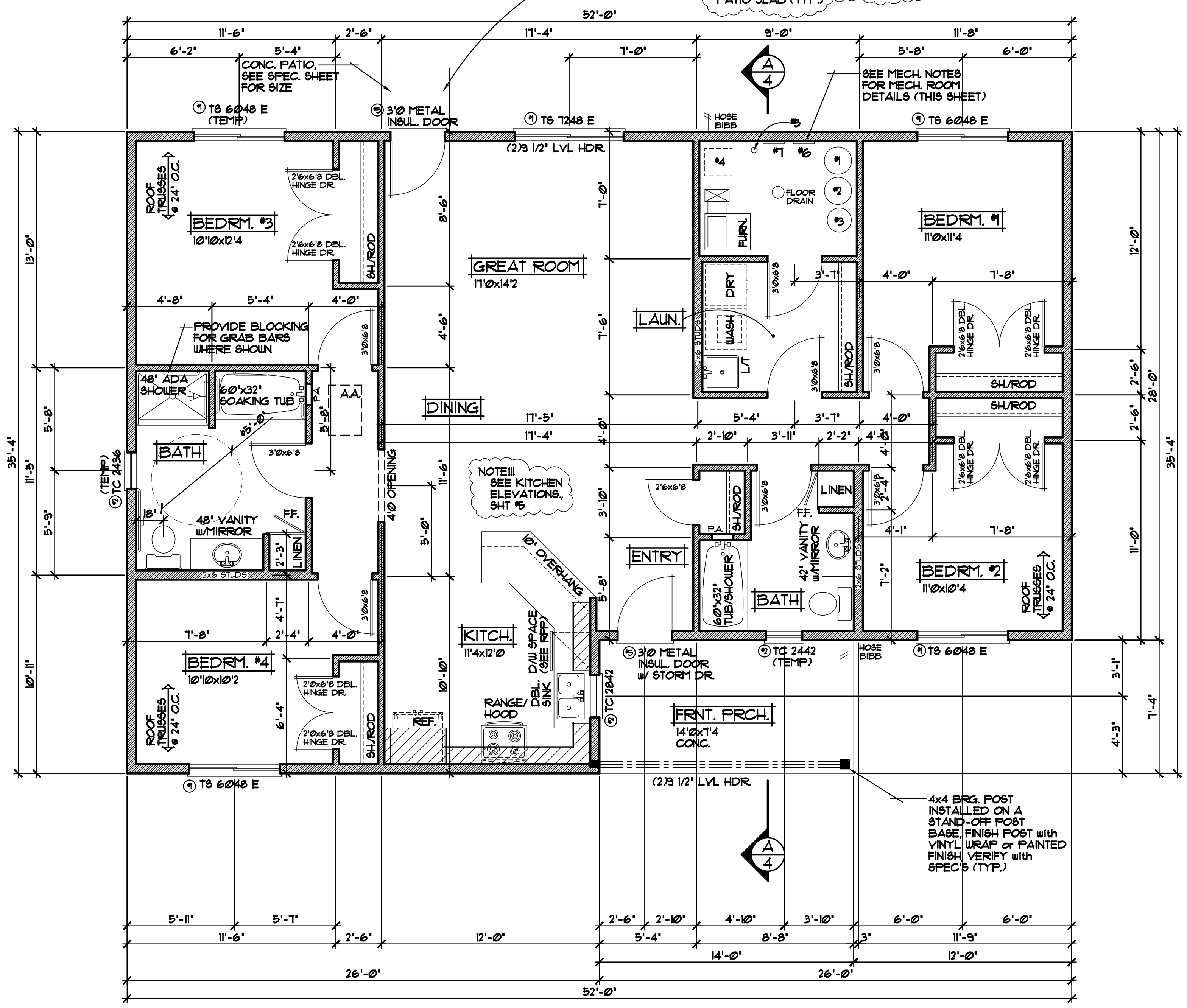
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NOTE!!!
INSTALL 4'-0"x4'-0" CONCRETE
STOOP, INSTALL ANY ADDITIONAL
PATIO SLAB AROUND STOOP AREA.
INCLUDE EXPANSION JOINT BETWEEN
STOOP SLAB AND ANY ADDITIONAL
PATIO SLAB (TYP.)



SEE MECH. NOTES
FOR MECH. ROOM
DETAILS (THIS SHEET)

NOTE!!!
SEE KITCHEN
ELEVATIONS,
SHT 5

NOTE!!!
PROVIDE 12" HEEL
• ALL ROOF TRUSSES
UNLESS NOTED OTHERWISE

NOTE!!!
INSTALL SIMPSON H2.5
HURRICAN TIE at EVERY
ROOF TRUSS, ONE at
EACH END (TYP.)

- MECH. NOTES!!!**
- 1 - WATER HEATER
 - 2 - WATER SOFTENER
 - 3 - WELL PRESSURE TANK
 - 4 - HEAT RECOVERY VENTILATOR
SUMP BASKET BELOW (VERIFY)
 - 5 - RADON PIPE
 - 6 - ELECTRIC PANEL
 - 7 - LOW VOLTAGE PANEL

FRAMING & CONSTRUCTION NOTES

- 8'-1 1/8" PLATE HEIGHT • ENTIRE MAIN LEVEL (UNLESS NOTED OTHERWISE)
- 8'-1 1/8" PLATE HEIGHT • GARAGE FROM ENTRY LEVEL SUB FLOOR
- FRAME ALL GARAGE WALLS w/ 2x6 STUDS • 16' O.C. (TYP.)
- PROVIDE DOUBLE HINGED DOORS • BEDROOM CLOSETS, VERIFY w/ SELECTION SHEET THAT HOME HAS DOORS, NOT SHEET ROCK OPENINGS

DOOR & WINDOW NOTES

- THERMO-TECH WINDOWS SPECIFIED, VERIFY ROUGH OPENING SIZES FOR DOORS & WINDOWS w/ MANUFACTURER
- ALL WINDOW & DOOR OPENINGS TO HAVE (2) 2x10 #2 GRADE HEADER or BETTER (UNLESS NOTED OTHERWISE)
- TOP OF RO. FOR ALL WINDOWS ON MAIN LEVEL TO BE 6'-10 1/2" FROM SUB-FLOOR (UNLESS NOTED OTHERWISE)

MAIN LEVEL FLOOR PLAN 1/4"=1'-0"
1647 SQ.FT.

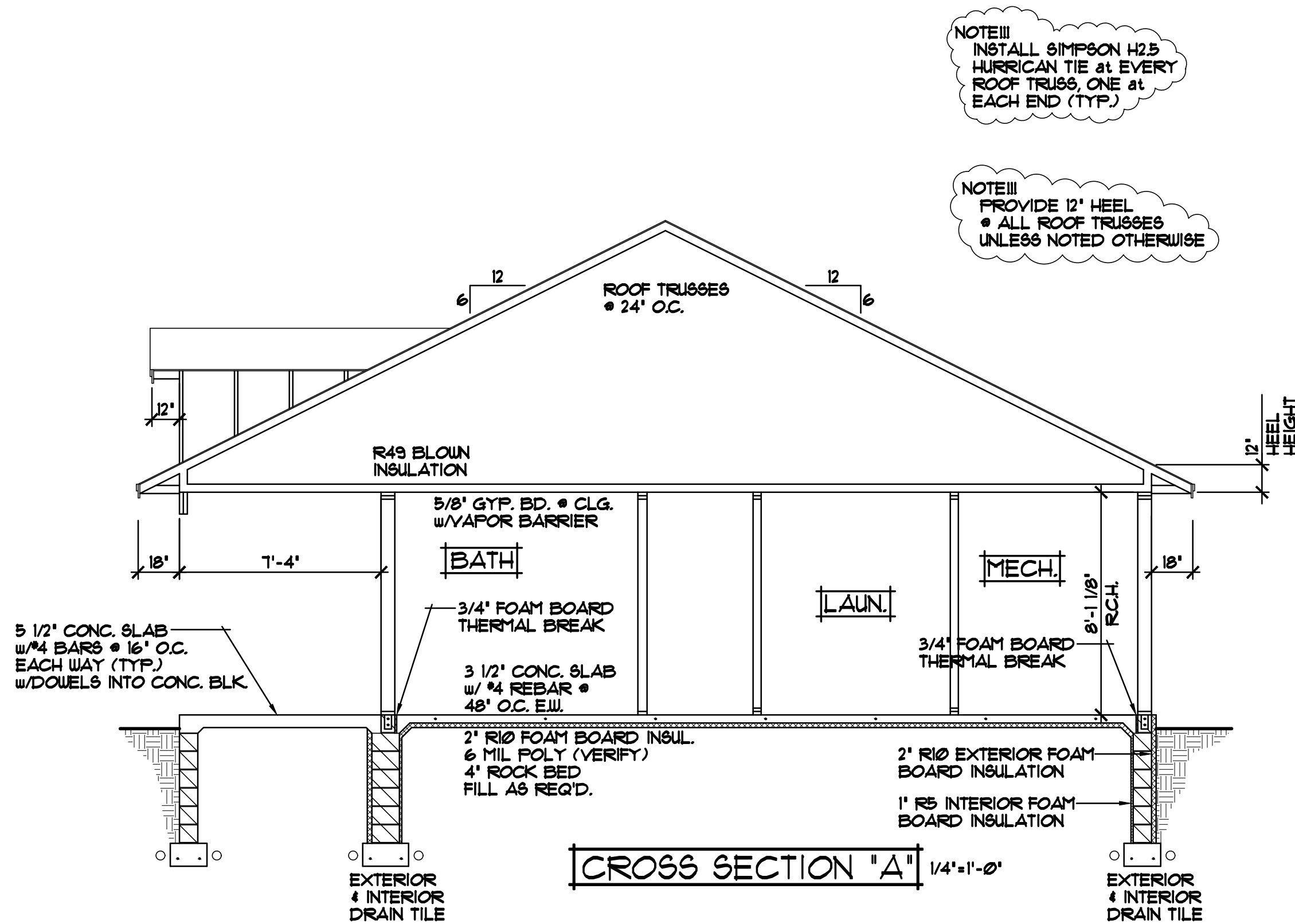
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SHEET
3
of 6
CADD FILE #
17265-KL



NOTE!!!
INSTALL SIMPSON H2.5
HURRICAN TIE at EVERY
ROOF TRUSS, ONE at
EACH END (TYP.)

NOTE!!!
PROVIDE 12" HEEL
• ALL ROOF TRUSSES
UNLESS NOTED OTHERWISE

ROOF CONSTRUCTION:

- PREMANUFACTURED ROOF TRUSSES - ENGINEERED BY SUPPLIER - SLOPES VARY - SEE PLAN
- R49 BLOWN FIBERGLASS INSULATION
- 1/150 ROOF VENT AT SOFFITS, 1/150 VENT AT RIDGE
- AIR CHUTE AT EACH TRUSS SPACE
- 1/2" ROOF SHEATHING
- 15# ROOFING FELT
- ICE & WATER MEMBRANE APPLIED 24' PAST EXTERIOR WALL
- ASPHALT SHINGLES

SOFFIT / FASCIA:

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

WALL CONSTRUCTION:

- HOUSE WRAP
- 1/2" A.P.A. RATED PANEL SHEATHING
- 2x6 STUDS @ 16" O.C.
- WINDOWS PER SPEC'S.
- R-21 FG. BATT INSULATION
- 6 MIL FOLY VAPOR BARRIER
- 1/2" GYPSUM BOARD

SILL CONSTRUCTION:

- 2x6 SILL PLATE & SEALER
- 1/2" ANCHOR BOLTS @ 48" O.C.

FOUNDATION INSULATION:

- FOUNDATION EXTERIOR- 2" R-10 RIGID FOAM BOARD INSULATION
- FOUNDATION INTERIOR- 1" R-5 RIGID FOAM BOARD INSULATION

FOUNDATION CONSTRUCTION

- (1) COURSE 6" BOND BEAM BLK with (2) #4 RE-BAR
- (6) COURSES OF 8" CONC. BLK.
- #4 VERT. RE-BAR @ 12" O.C. with DOWELS INTO CONC. FTG.
- 16"x10" CONC. FTG. w/(2) #4 BARS

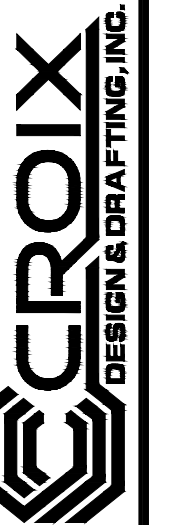
SLAB CONSTRUCTION:

- 3 1/2" POURED CONCRETE FLOOR with #4 REBAR @ 48" O.C. EACH WAY
- 2" R-10 RIGID FOAM BOARD INSULATION UNDER SLAB
- 6 MIL FOLY VAPOR BARRIER UNDER SLAB
- UNIFORM LAYER OF 3/4" CLEAN AGGREGATE 4" THICK (MINIMUM)
- SAND FILL AS REQUIRED

ALL HEIGHT CALCULATIONS FOR FOUNDATIONS ARE BASED ON THE USE OF FULL 8" HIGH BLOCK w/ 3/8" JOINTS. IF MODULAR BLOCK IS USED, CONTRACTORS SHOULD ADJUST HEIGHTS ACCORDINGLY.

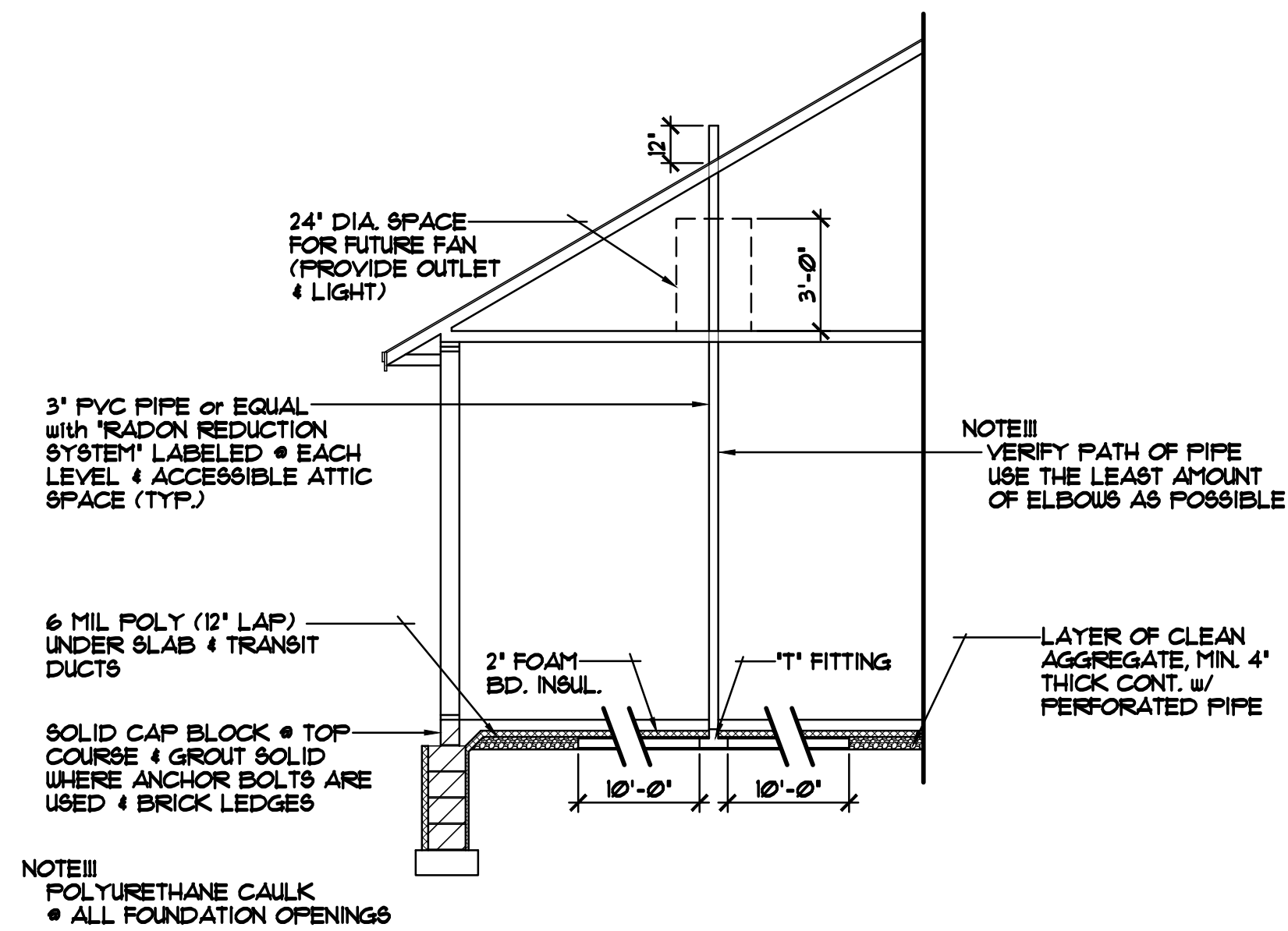
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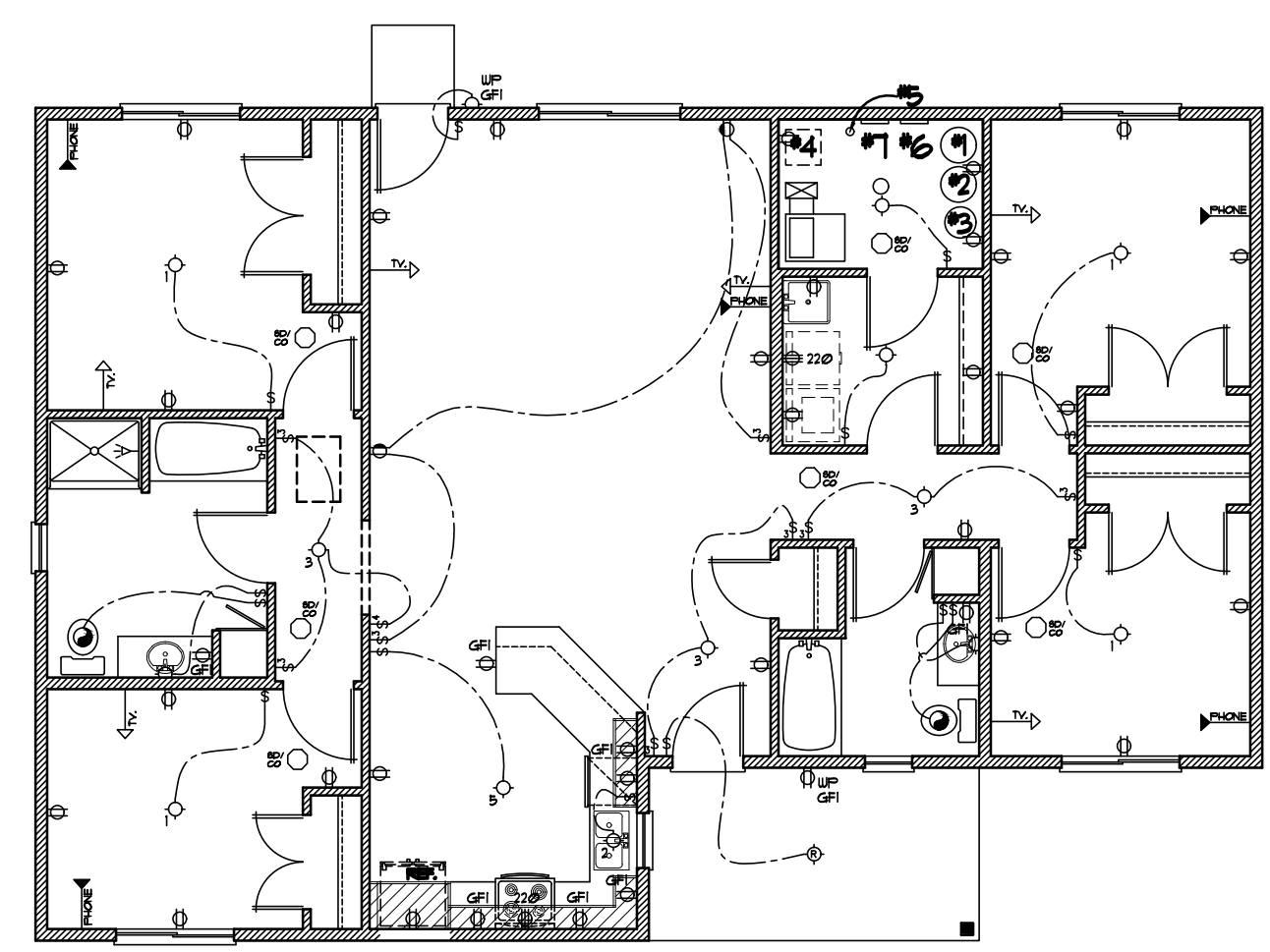


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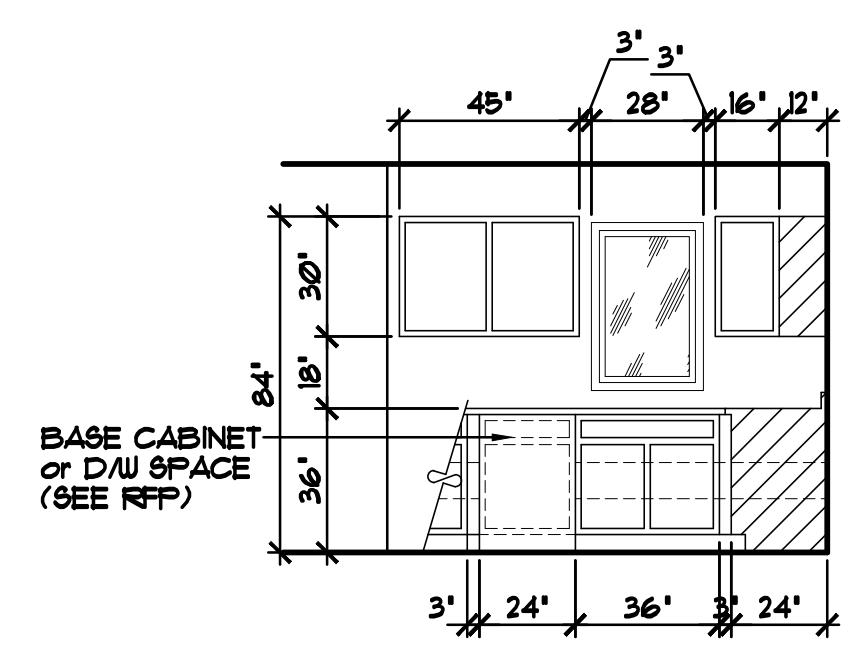
SHEET
4
of 6
CADD FILE #
17265-KL



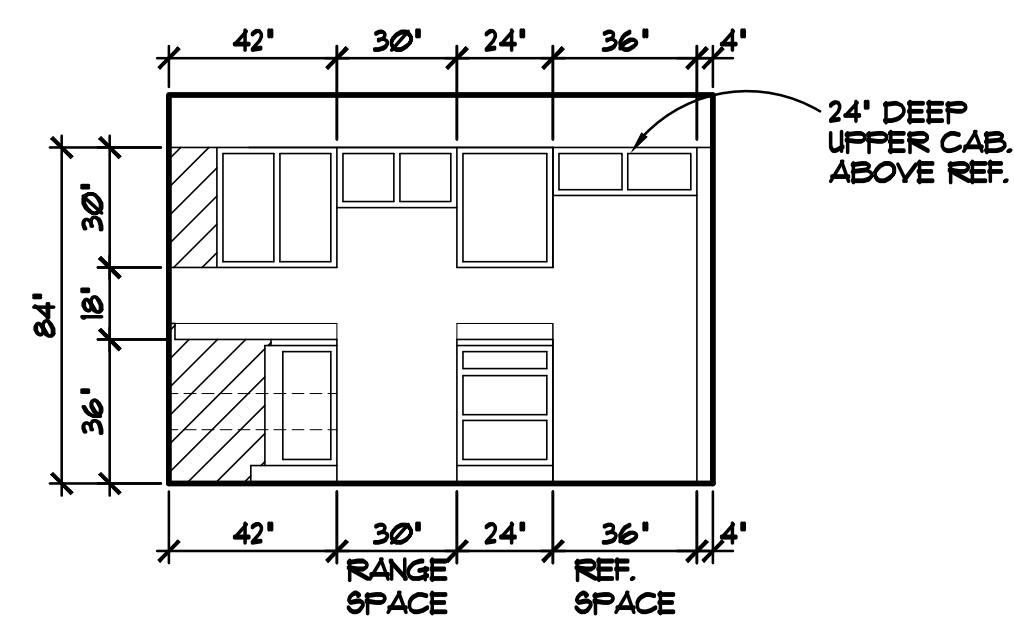
PASSIVE RADON MITIGATION SYSTEM DETAIL



ELECTRICAL PLAN 1/8"=1'-0"

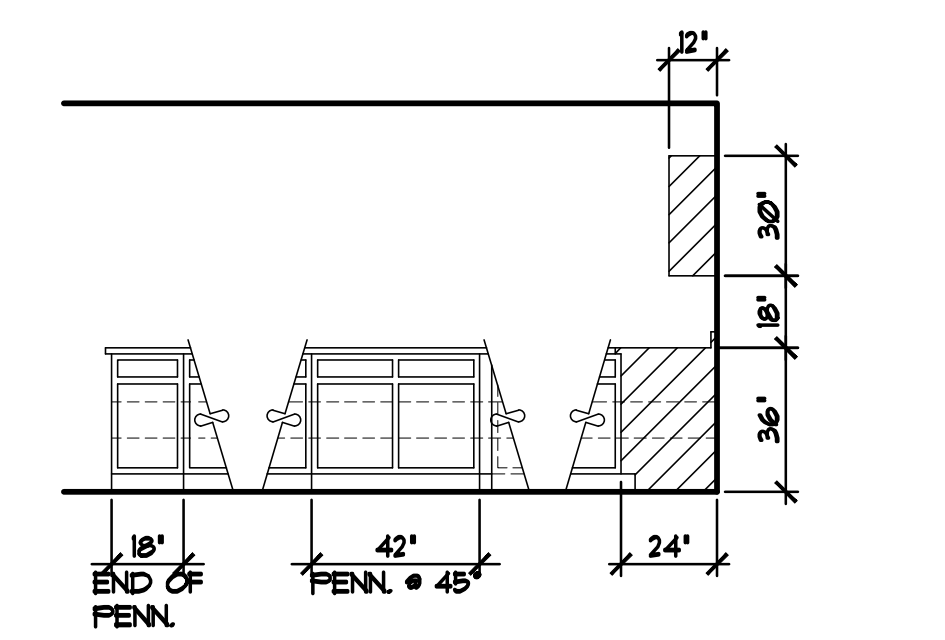


KITCH. CAB. ELEVATIONS 1/4"=1'-0"

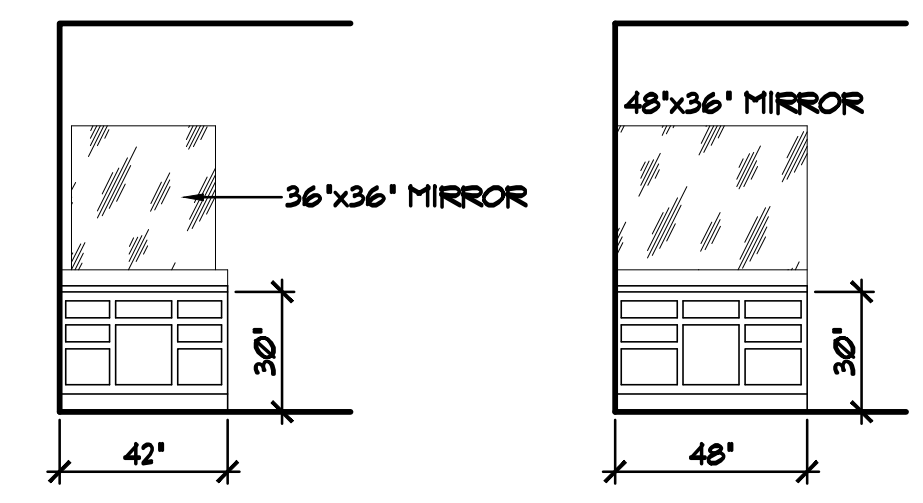


KITCH. CAB. ELEVATIONS 1/4"=1'-0"

NOTE III
DRAWN BREAKLINES REPRESENT CHANGE IN ANGLE • KITCH. FENN. DIMENSIONS SHOW ACTUAL WIDTH OF CAB. FACE



KITCH. CAB. ELEVATIONS 1/4"=1'-0"



BATH VANITY ELEVATIONS 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 | 110 | 90 | 85 |
| 8d COMMON (2.5"x0.13") | 1.75 | 24/16 | 7/16 | 16 | 6 | 12 | 130 | 110 | 105 |
| | | | | 24 | 6 | 12 | 110 | 90 | 85 |

FOR SI: 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 R3012. 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.

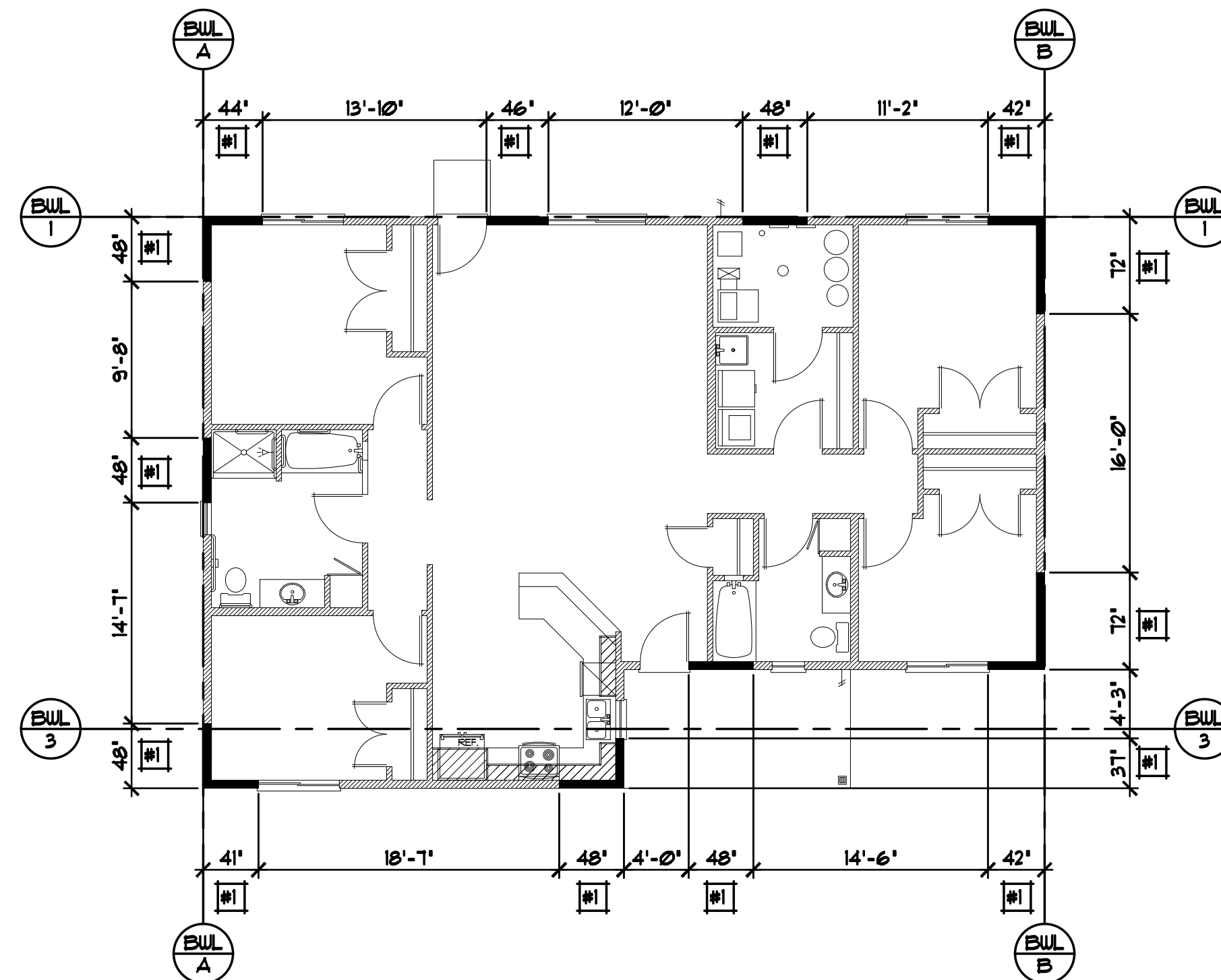
NOTE!!! APPROVED UPLIFT FRAMING CONNECTORS TO BE SPECIFIED BY TRUSS MANUFACTURER/SUPPLIER TO PROVIDE A CONTINUOUS LOAD PATH TO A POINT WHERE UPLIFT FORCES ARE 100# IF OR LESS (PER R602.3.5 AND PER SECTION R302.11)

| #1 | WALL BRACING METHOD | DESCRIPTION |
|----|---------------------|---|
| | CS-WSP | (CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANEL) PER TABLE 602.3 (3) |

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

WIND EXPOSURE CATEGORY IS TO BE CATEGORY 'B' PER SECTION R302.1.4

WIND SPEED RESISTANCE TO BE MEASURED LESS THAN OR EQUAL TO 90 MPH.



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

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SHEET
6
of 6
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