

GENERAL NOTES

Montreal



PRELIM
FINAL
03/09/21
REVISION

Montreal
Slab



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ADVANCED HOUSE PLANS, INC. IS A PROFESSIONAL RESIDENTIAL DESIGN FIRM. LOCATION: CHARLOTTE, NC. BECAUSE THE CONDITIONARY ADVANCED DESIGN CONSTRUCTION FROM THESE PLANS SHOULD NOT BE UNDERTAKEN WITHOUT THE CODES & PERMITS REQUIREMENTS PRIOR TO CONSTRUCTION. THAT MAY OCCUR EARLY OR AFTER THE BUILDING PROCESS.

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1
OF
6

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GENERATED: 09/07/2021
20% SCALE = 24"X36"

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PLAN OF THE WEEK

This plan was designed and drafted BY Advanced Designs Inc. to meet average conditions and codes in the State of Nebraska at the time it was designed. This plan was also designed for Seismic Site Class D. Because codes and requirements can change and may vary from jurisdiction to jurisdiction, cannot warrant compliance with any specific code or regulation. Consult your local building official to determine the suitability of these plans for your specific site and application. This plan can be adapted to your local building codes and requirements, however, it is the responsibility of the purchaser and/or builder of this plan to see that the structure is built in strict compliance with all governing municipal codes (city, county, state and federal). The purchaser and/or builder of this plan releases the designer from any claims or lawsuits that may arise during the construction of this structure or anytime thereafter.

* If the contractor or sub-contractor, in the course of their work finds any discrepancies between the plan and the physical conditions of the site or structure, or any errors in the plans or specifications, it shall be their responsibility to immediately inform ADI, who will promptly verify and if necessary correct the working drawings. Any work done after such discovery will be done at the contractor's expense.

DESIGN LOADS:

- Floor: 40 psf. live, 15 psf. dead
- Roof: 30 psf. live, 10 psf. dead
- Ceiling: 10 psf. live, 5 psf. dead
- Soil bearing Capacity - 1500 psf.
- Live loads, dead loads, wind loads, snow loads, lateral loads, seismic zoning and any specialty loading conditions will need to be confirmed before construction and adjustments to plans made accordingly. See your local building officials for verification of your specific load data, zoning restrictions and site conditions.

CONCRETE AND FOUNDATIONS:

- All foundation walls and slabs on grade shall be 3000 PSI (28-day compressive strength concrete), unless noted otherwise.
- All interior slabs on grade shall bear on 4" compacted granular fill with 6 mil. polyethylene vapor barrier underneath.
- Provide proper expansion and control joints as per local requirements.
- All 36" x 36" x 18" concrete pads to have (3) #5 rods each way.
- All 48" x 48" x 24" concrete pads to have (4) #5 rods each way.
- Foundation walls are not to be backfilled until properly braced.
- Verify depth of frost footings with your local codes.
- Provide termite protection as required by HUD minimum property standards.
- Foundation bolts must be anchored to sill plate with 5/8" bolts embedded 15" in concrete walls.

STEEL:

- All structural steel for beams and plates shall comply with ASTM specification A-36.
- All structural steel for steel columns shall comply with ASTM specification A-53 Grade B or A-501.
- All reinforcing steel for concrete shall comply with ASTM specification A-615 Grade 60.
- Provide steel shims in all beam pockets.
- Steel columns are to be 3" I.D. (inside diameter) unless noted otherwise.

FRAMING MEMBERS:

- Unless noted otherwise, all framing lumber shall have the following characteristics:
Fb = 1,000 psi Fv = 175 psi E = 1,400,000 psi
- Contractor to confirm the size, spacing and stress characteristics of all framing and structural members to meet your local code requirements.
- Hole sizes and locations in Glulam or Laminated Veneered Lumber (L.V.L.) members are to be confirmed by a professional engineer.
- Any structural or framing members not indicated on the plan are to be sized by contractor.
- Double floor joists under all partition walls, unless noted otherwise.
- All subflooring is assumed to be 3/4" thick, glued & nailed.
- All exterior walls are dimensioned to outside of 1/2" sheathing. Calculated dimensions take precedence over scaled dimensions.
- All angled walls on floor plans are at 45 degree angle, unless otherwise noted.
- Laterally unsupported walls 12'-0" high or higher shall be 2x6 and balloon framed unless otherwise noted.
- Unless noted otherwise, provide all coverings that are:
(1) Load bearing and less than or equal to 3 ft. use 4x6,
(2) Load bearing and more than 3 ft. use (2) 2x12 with 1/2" Plywood between.
(3) Non-load bearing and less than or equal to 6 ft. use 4x6,
(4) Non-load bearing and more than 6 ft. use (2) 2x12 with 1/2" Plywood between.
(5) All exterior openings use (2) 2x12 with 1/2" Plywood between.
- All trusses to be engineered by truss manufacturer according to the loading indicated on this plan.
- All exterior corners shall be braced in each direction with let-in diagonal bracing or plywood.
- Place (1) row of 1" x 3" cross-briding on all spans over 8'-0"
- (2) rows of 1" x 3" cross-briding on all spans over 16'-0".
- Collar ties are to be spaced 4'-0" o.c.
- All purlins and kickers are to be 2x6, unless noted otherwise.
- Any hip or valley rafters over a 28'-0" span are to be Laminated Veneer Lumber (L.V.L.).

MISC. NOTES:

- Prefabricated fireplaces and flues are to be U.L. approved and installed as per manufacturer's specifications.
- All materials, supplies and equipment to be installed as per manufacturer's specifications and per local codes and requirements.
- Provide proper insulation for all plumbing.
- 1/2" water-resistant drywall around showers, tubs and whirlpools.
- 1/2" drywall on interior walls and ceilings.
- 5/8" type "X" fire code drywall on garage walls and ceilings.
- When no brand is specified windows are called out by glass size only.
- Windows, if not noted, are assumed to be casements.
- Header heights are labeled to bottom of arched transoms.
- Confirm window openings for your local egress requirements and minimum light and ventilation requirements.
- Headroom at stairs shall have a minimum clearance of 6'-8" high.
- Provide proper handrails at stairs per local codes.
- The mechanical and electrical layouts are suggested only. Consult your mechanical and electrical contractors for exact specifications, locations and sizes.
- Jog flue to rear of ridge as necessary.
- Provide proper wiring for all electrical appliances, mechanical equipment and whirlpools per manufacturer's specifications.
- Air conditioner locations may vary depending on restrictive covenants and codes.



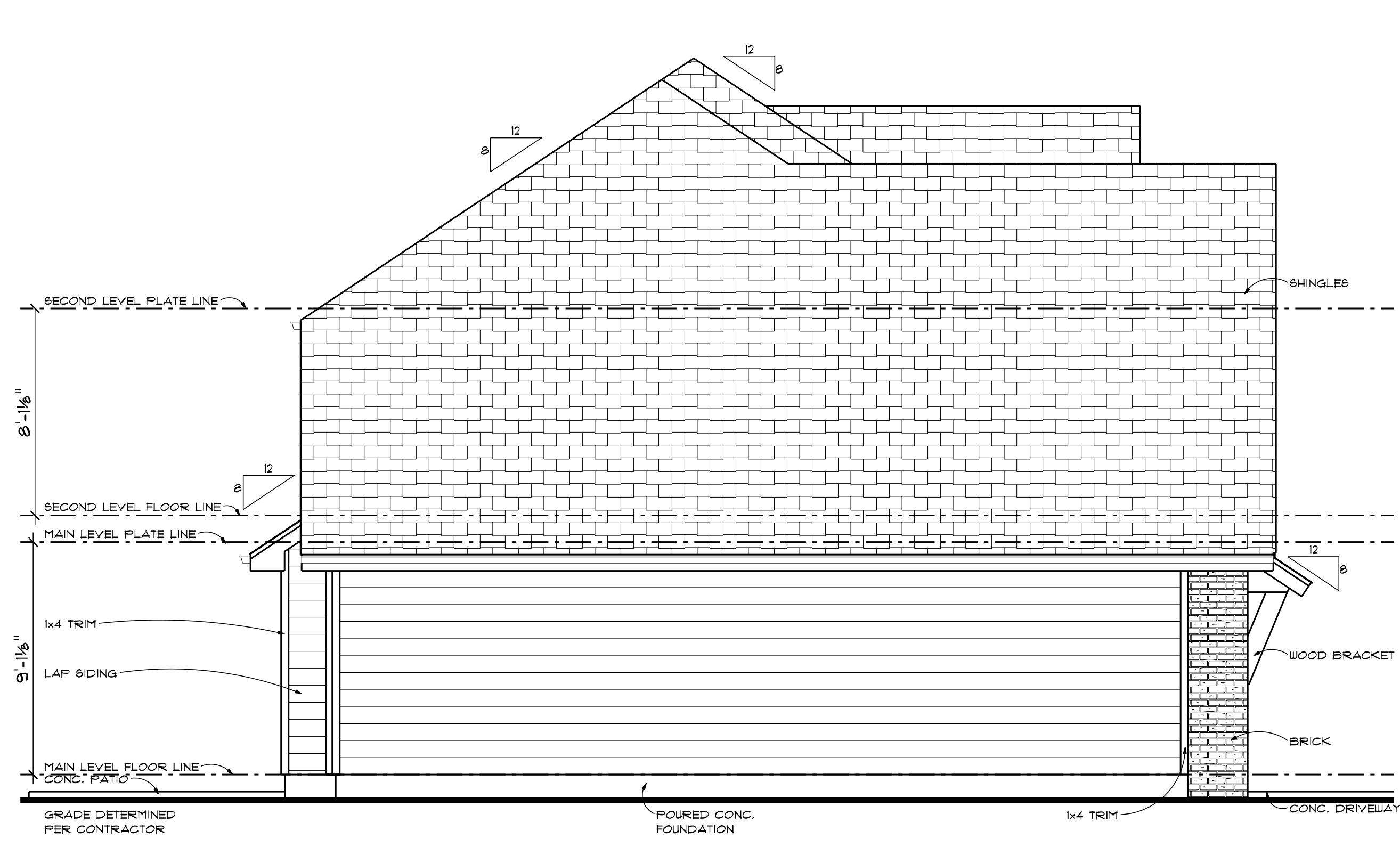
NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
Limited building only review.
Permit holder responsible for full compliance with the code.

09/07/2021

Boyd

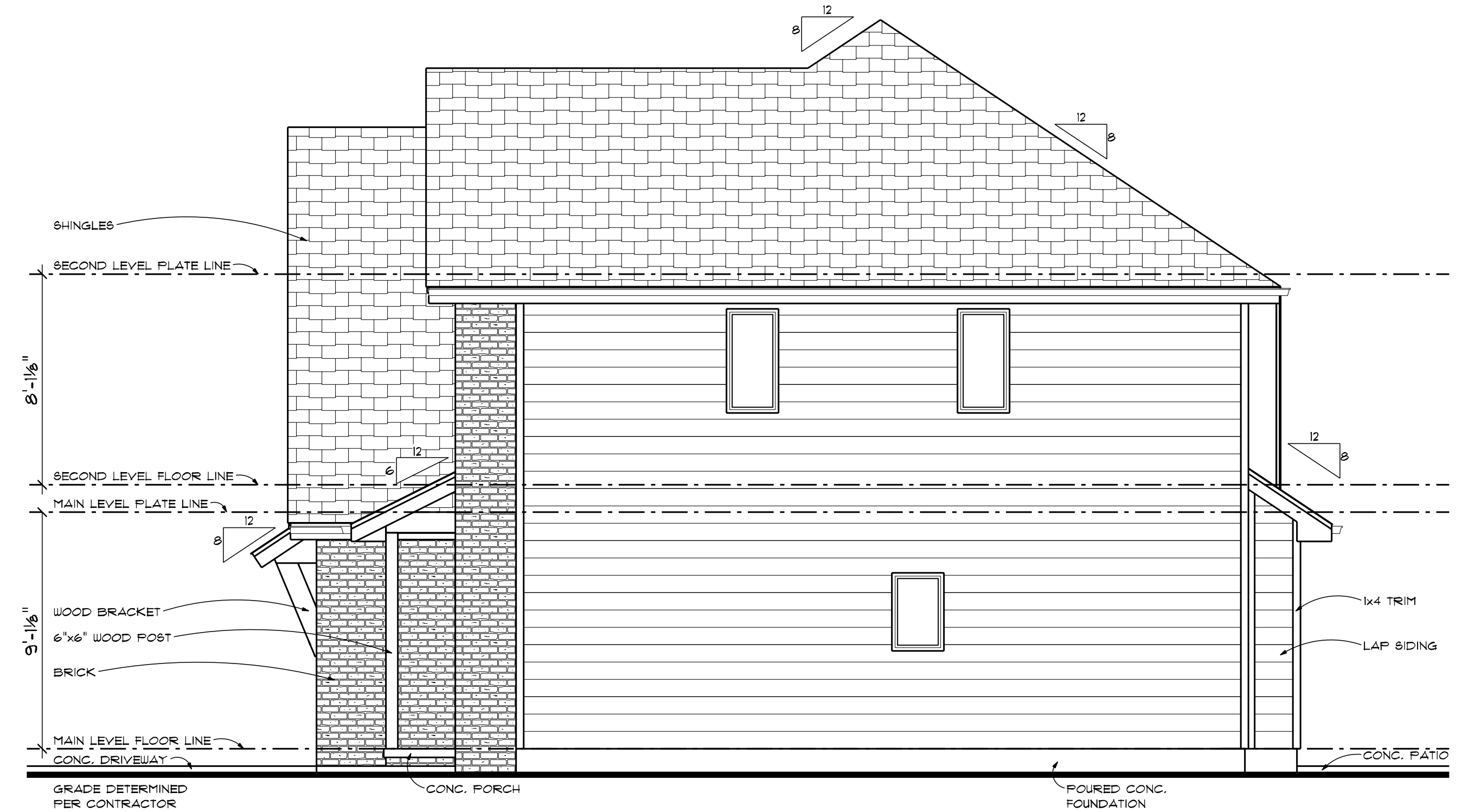
Harnett COUNTY
NORTH CAROLINA



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



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

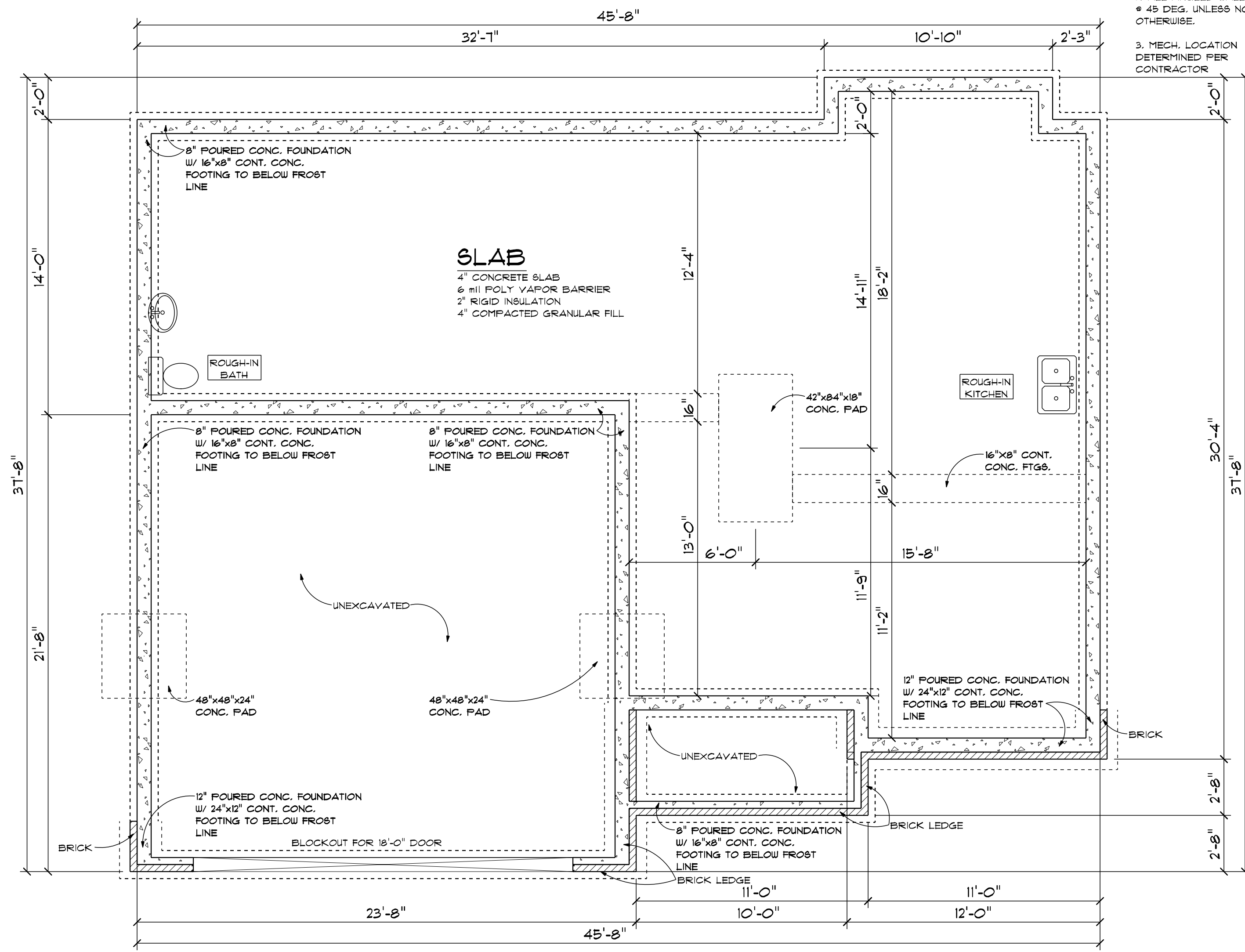


RIGHT ELEVATION
SCALE: 1/4" = 1'-0"



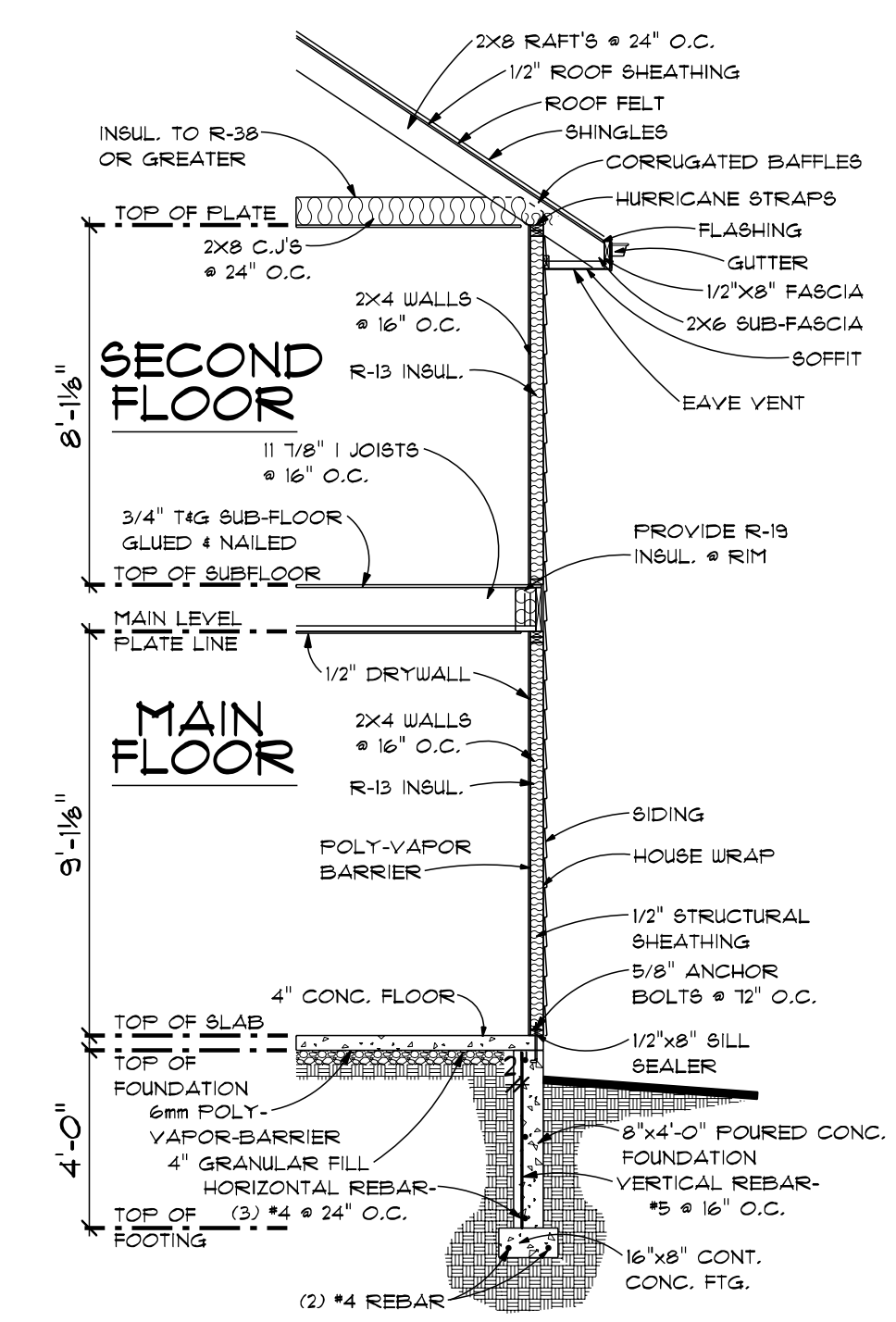
FRONT ELEVATION
SCALE: 1/4" = 1'-0"

- GENERAL NOTES:
- FOUNDATION WALLS ARE 8" TO BELOW FROST LINE UNLESS NOTED OTHERWISE.
 - ALL ANGLED WALLS ARE @ 45 DEG. UNLESS NOTED OTHERWISE.
 - MECH. LOCATION DETERMINED PER CONTRACTOR

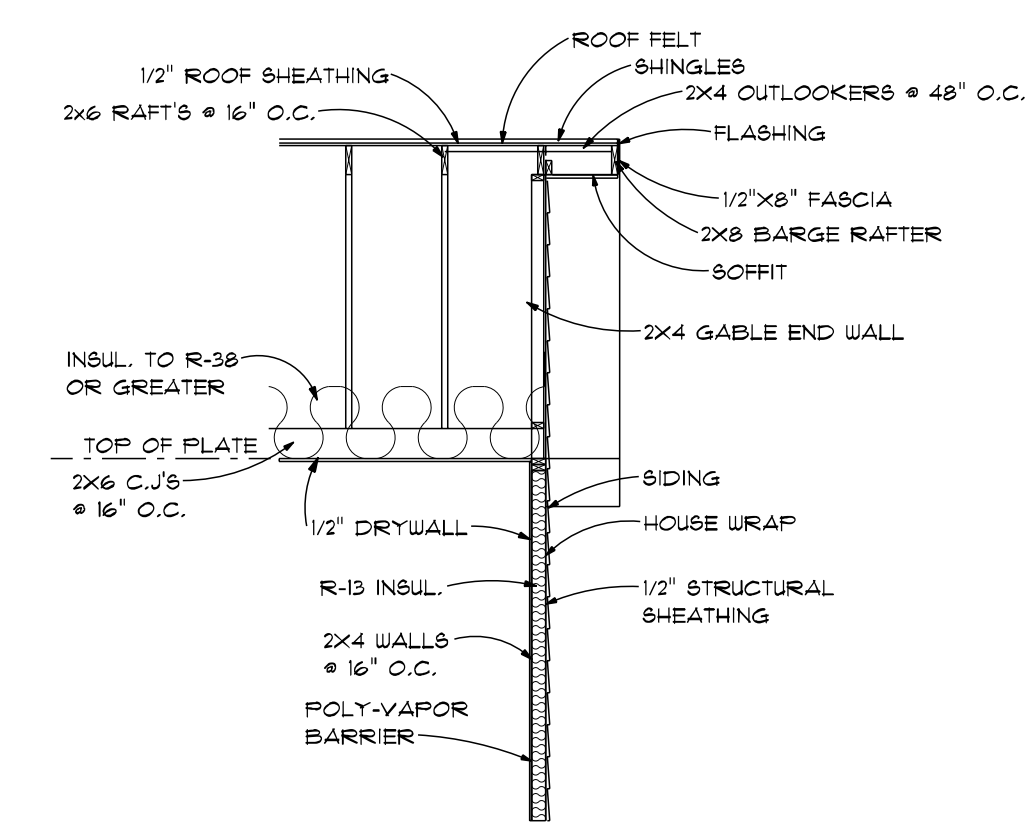


FOUNDATION PLAN

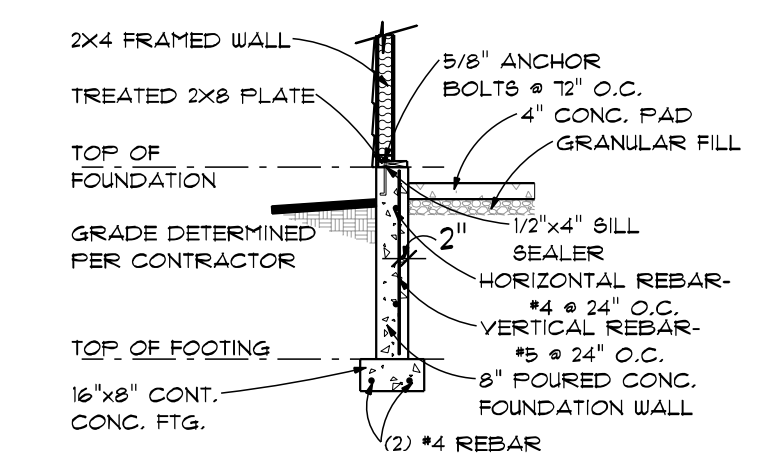
SCALE: 1/4" = 1'-0"



TYP. WALL SECTION
SCALE: 1/4" = 1'-0"



TYP. GABLE END SECTION
SCALE: 1/4" = 1'-0"



TYP. GARAGE WALL
SCALE: 1/4" = 1'-0"

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Montreal Slab

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SHEET 3 OF 3

GENERATED: 3/11/2021

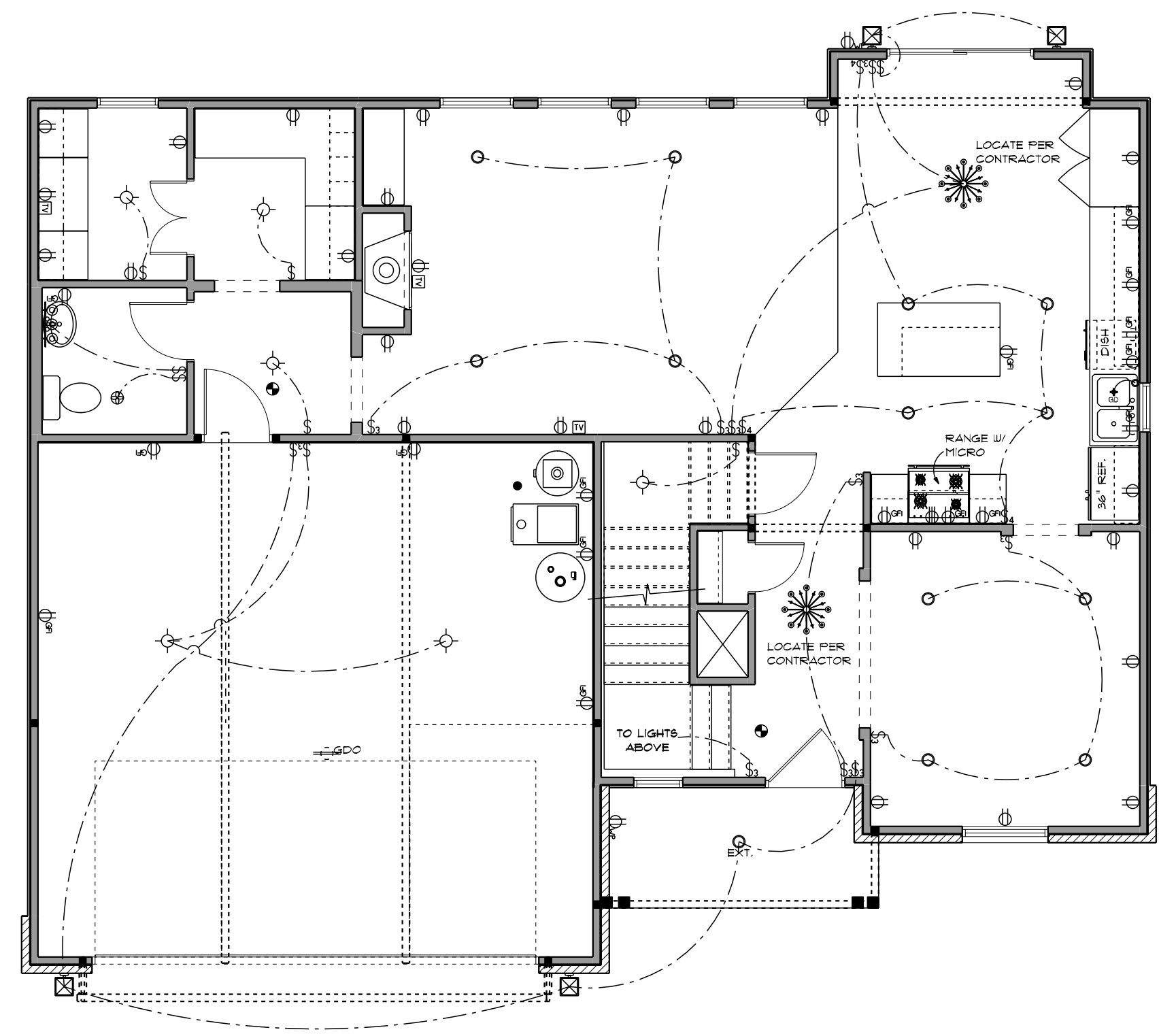
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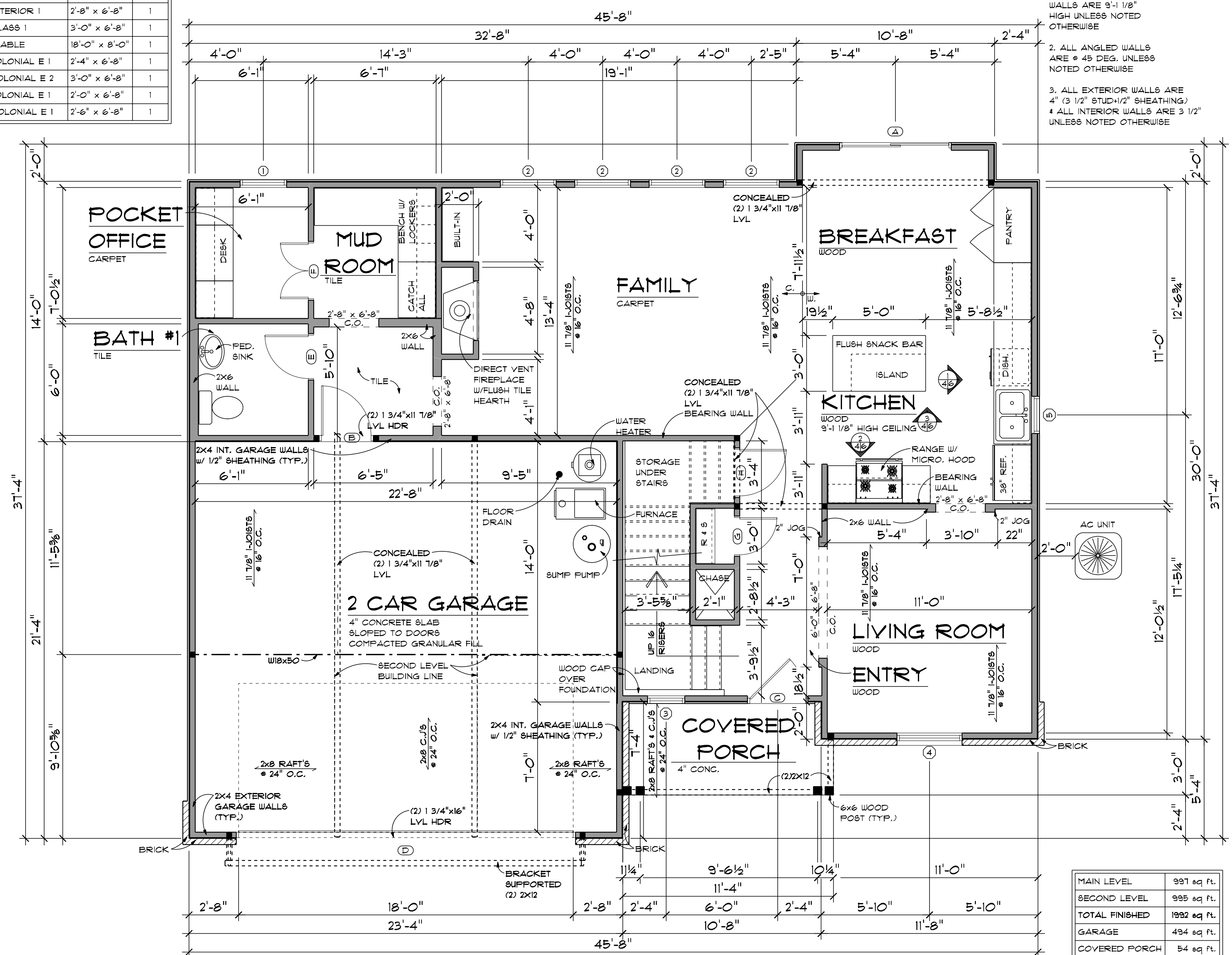
OPENING ID	TYPE	PRODUCT CODE	SIZE	COUNT
1	WINDOW	30X48 CASEMENT 1	7'-6" x 4'-0"	1
2	WINDOW	36X72 CASEMENT 1	3'-0" x 6'-0"	4
3	WINDOW	24X42 CASEMENT 1	2'-0" x 3'-6"	1
4	WINDOW	42X72 CASEMENT 1	3'-6" x 6'-0"	1
5	WINDOW	24X36 CASEMENT 1	2'-0" x 3'-0"	1
A	SLIDING DOOR	12X80 SLIDING GLASS 2	6'-0" x 6'-8"	1
B	DOOR	32X80 EXTERIOR 1	2'-8" x 6'-8"	1
C	DOOR	36X80 GLASS 1	3'-0" x 6'-8"	1
D	GARAGE	216X36 STABLE	18'-0" x 8'-0"	1
E	DOOR	28X80 COLONIAL E 1	2'-4" x 6'-8"	1
F	DOOR	36X80 COLONIAL E 2	3'-0" x 6'-8"	1
G	DOOR	24X80 COLONIAL E 1	2'-0" x 6'-8"	1
H	DOOR	30X80 COLONIAL E 1	2'-6" x 6'-8"	1

GENERAL NOTES:
1. ALL MAIN LEVEL WALLS ARE 9'-1/8" HIGH UNLESS NOTED OTHERWISE
2. ALL ANGLED WALLS ARE @ 45 DEG. UNLESS NOTED OTHERWISE
3. ALL EXTERIOR WALLS ARE 4" (3 1/2" STUD/1/2" SHEATHING)
4. ALL INTERIOR WALLS ARE 3 1/2" UNLESS NOTED OTHERWISE

ELECTRICAL	COUNT	SYMBOL
CEILING CLASSIC	1	[Symbol]
can light 6inch ceiling classic	12	[Symbol]
EXTERIOR CAN LIGHT	1	[Symbol]
exterior light OS	4	[Symbol]
GARBAGE DISPOSAL	1	[Symbol]
Garage Door outlet	1	[Symbol]
light	4	[Symbol]
PLUMBER SWITCH	1	[Symbol]
Smoke Detector	2	[Symbol]
table tv outlet	3	[Symbol]
Fan	1	[Symbol]
light	2	[Symbol]
outlet	29	[Symbol]
outlet 220v	1	[Symbol]
outlet gfi	16	[Symbol]
outlet up	2	[Symbol]
switch	8	[Symbol]
switch 3 way	11	[Symbol]
switch 4 way	3	[Symbol]
wall mounted OS 3 lights	1	[Symbol]



MAIN LEVEL ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"



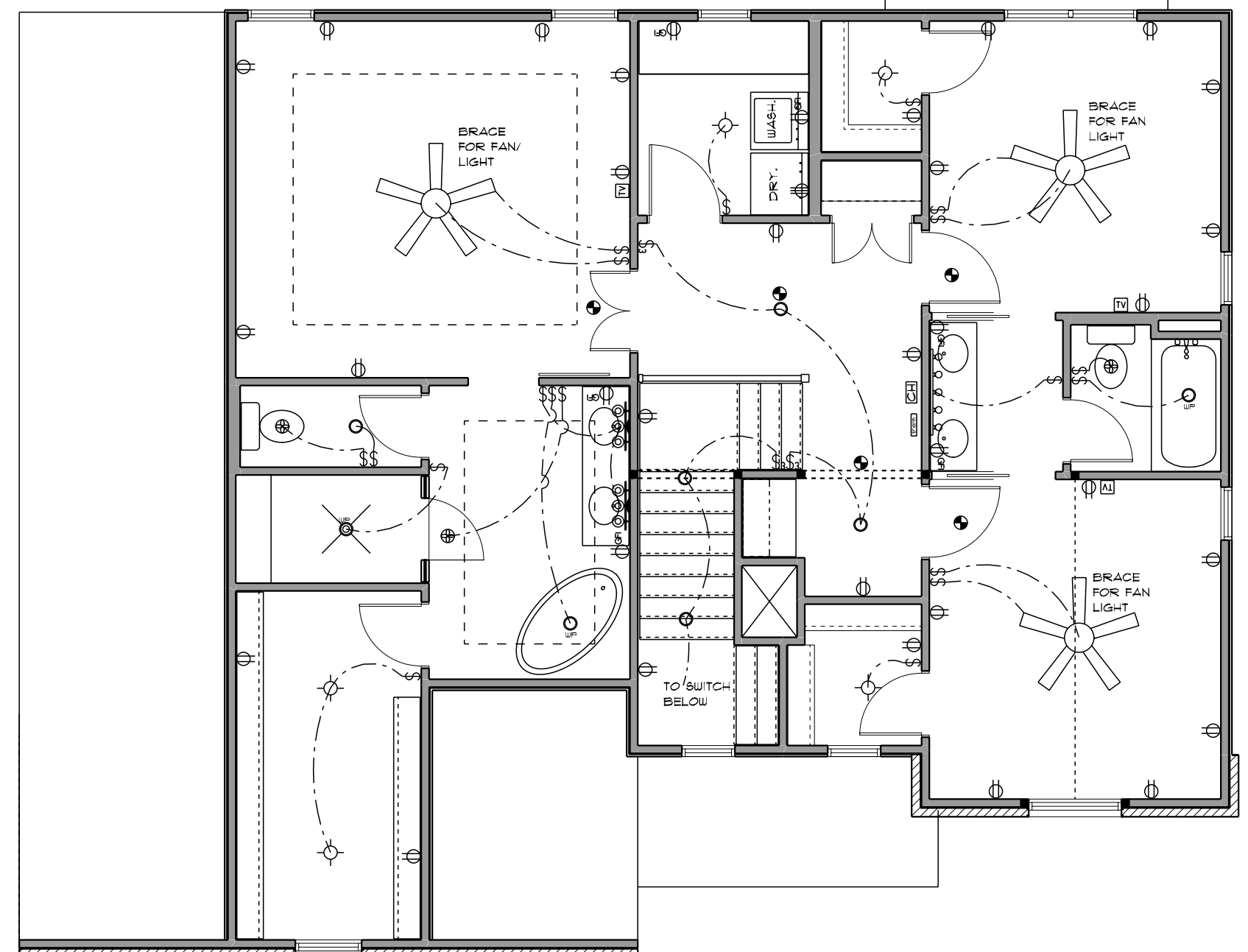
MAIN LEVEL FLOOR PLAN
SCALE: 1/4" = 1'-0"

MAIN LEVEL	997 sq ft.
SECOND LEVEL	988 sq ft.
TOTAL FINISHED	1985 sq ft.
GARAGE	494 sq ft.
COVERED PORCH	54 sq ft.

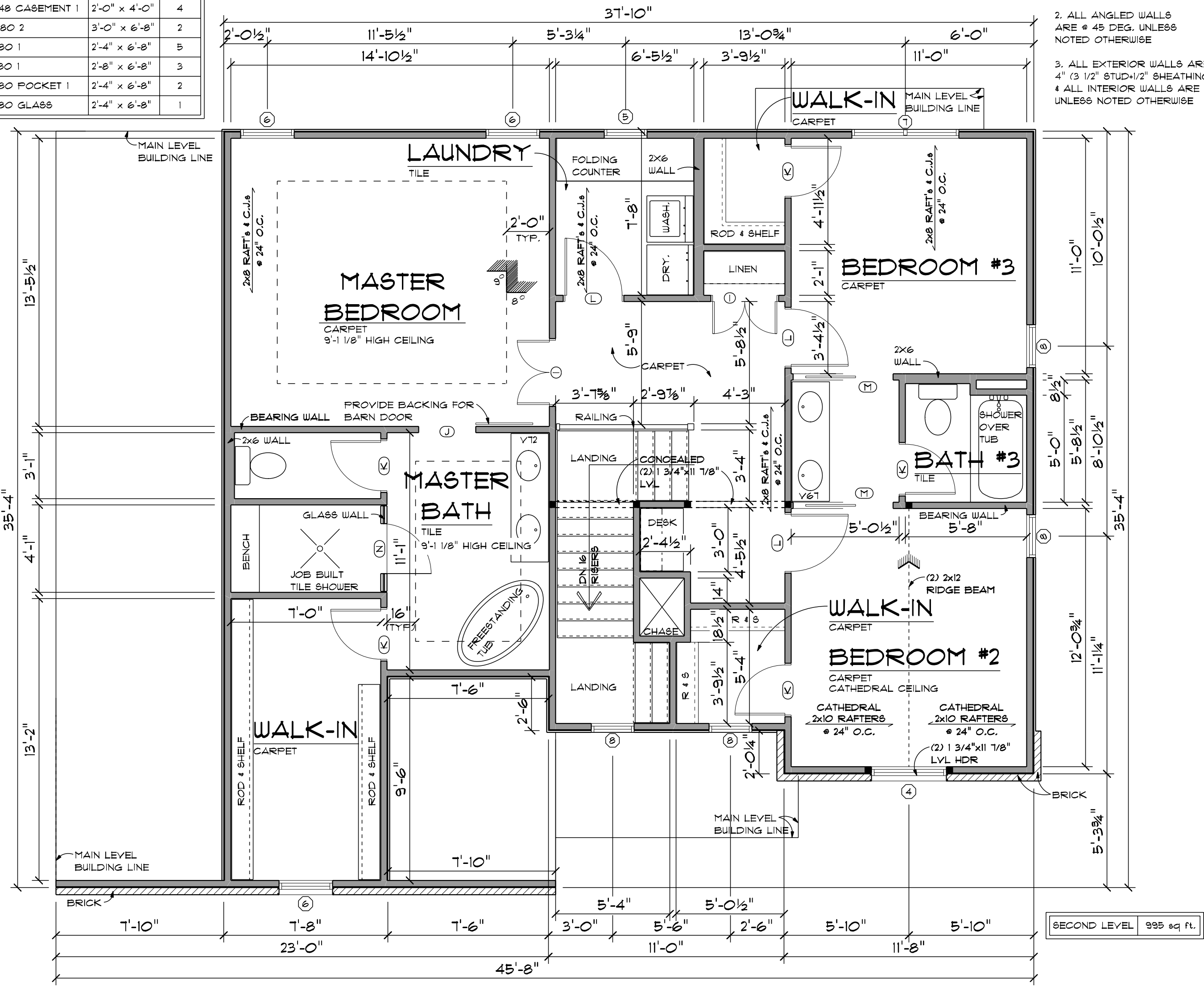
OPENING ID	TYPE	PRODUCT CODE	SIZE	COUNT
4	WINDOW	42X12 CASEMENT 1	3'-6" x 6'-0"	1
5	WINDOW	24X36 CASEMENT 1	2'-0" x 3'-0"	1
6	WINDOW	30X60 CASEMENT 1	2'-6" x 5'-0"	3
7	WINDOW	60X48 CASEMENT 1	5'-0" x 4'-0"	1
8	WINDOW	24X48 CASEMENT 1	2'-0" x 4'-0"	4
I	DOOR	36X80 2	3'-0" x 6'-8"	2
K	DOOR	28X80 1	2'-4" x 6'-8"	3
L	DOOR	32X80 1	2'-8" x 6'-8"	3
M	POCKET	28X80 POCKET 1	2'-4" x 6'-8"	2
N	DOOR	28X80 GLASS	2'-4" x 6'-8"	1

GENERAL NOTES:
 1. ALL SECOND LEVEL WALLS ARE 8" 1/8" HIGH UNLESS NOTED OTHERWISE
 2. ALL ANGLED WALLS ARE # 45 DEG. UNLESS NOTED OTHERWISE
 3. ALL EXTERIOR WALLS ARE 4" (3 1/2" STUD) 1/2" SHEATHING
 4. ALL INTERIOR WALLS ARE 3 1/2" UNLESS NOTED OTHERWISE

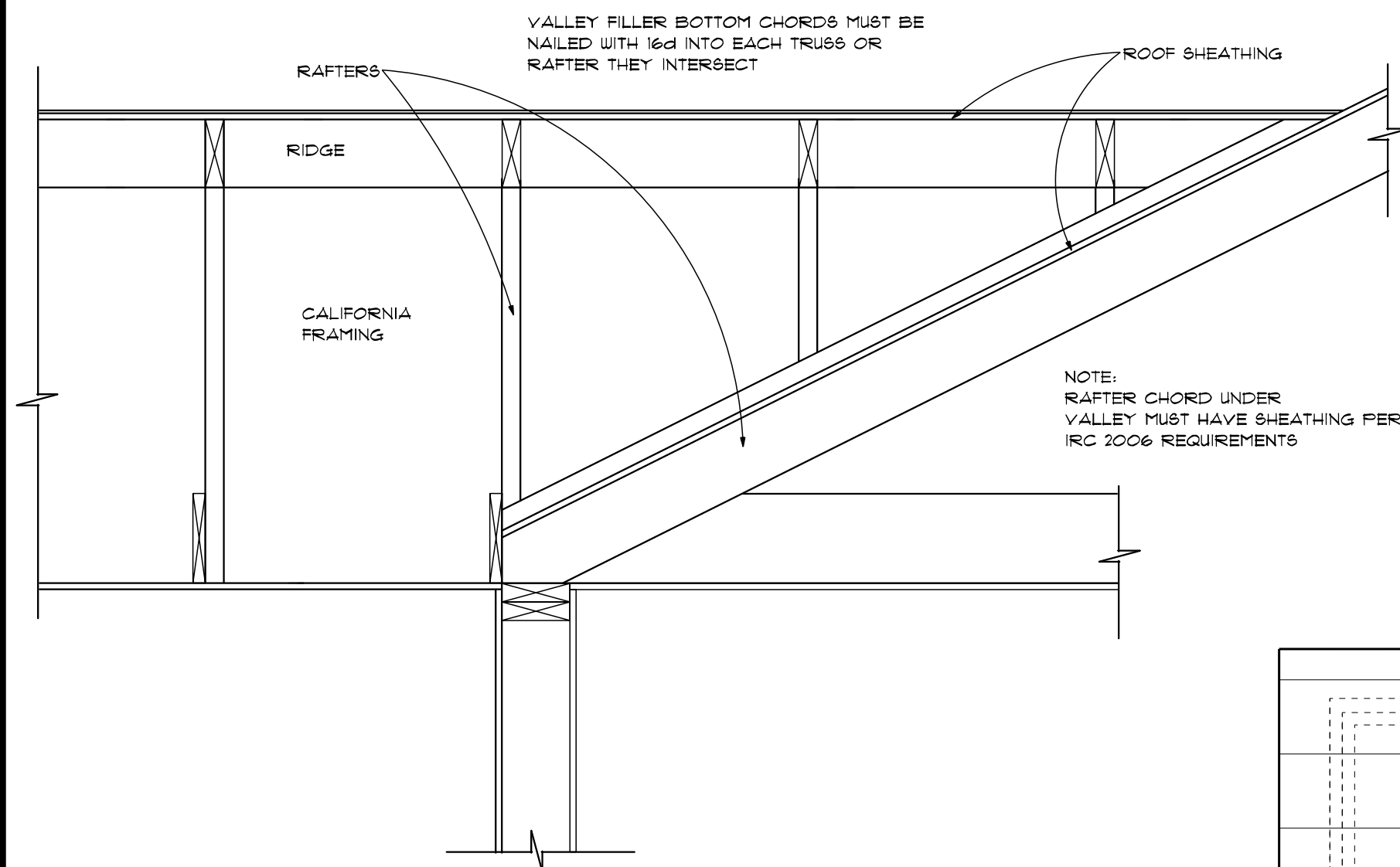
ELECTRICAL	COUNT	SYMBOL
ceiling fan 2	3	
can light 6inch	2	
can light WATERPROOF 6inch	3	
can light 8inch	3	
vanity bar light	1	
Doorbell Chime	1	
Thermostat	1	
FAN	2	
Light	3	
Smoke Detector	3	
cable tv outlet	3	
fan	1	
light	2	
outlet	28	
outlet 220v	1	
outlet gfi	6	
switch	18	
switch 3 way	3	
switch mounted on 3 lights	2	



SECOND LEVEL ELECTRICAL PLAN
 SCALE: 3/16" = 1'-0"

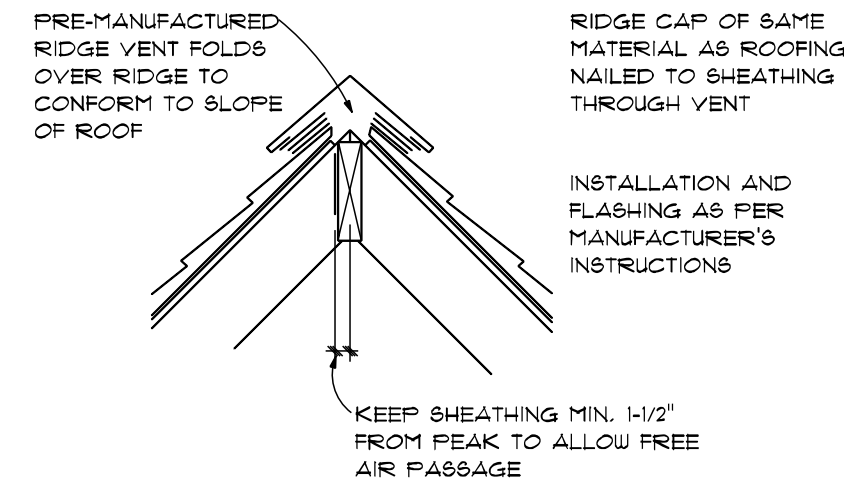


SECOND LEVEL FLOOR PLAN
 SCALE: 1/4" = 1'-0"



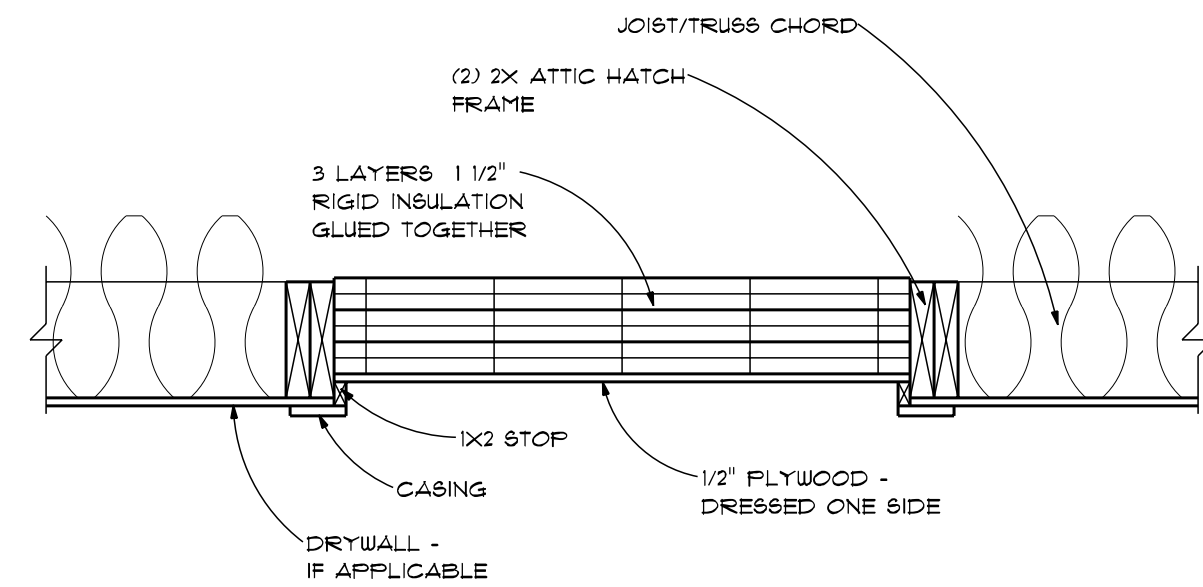
ROOF OVERFRAMING

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



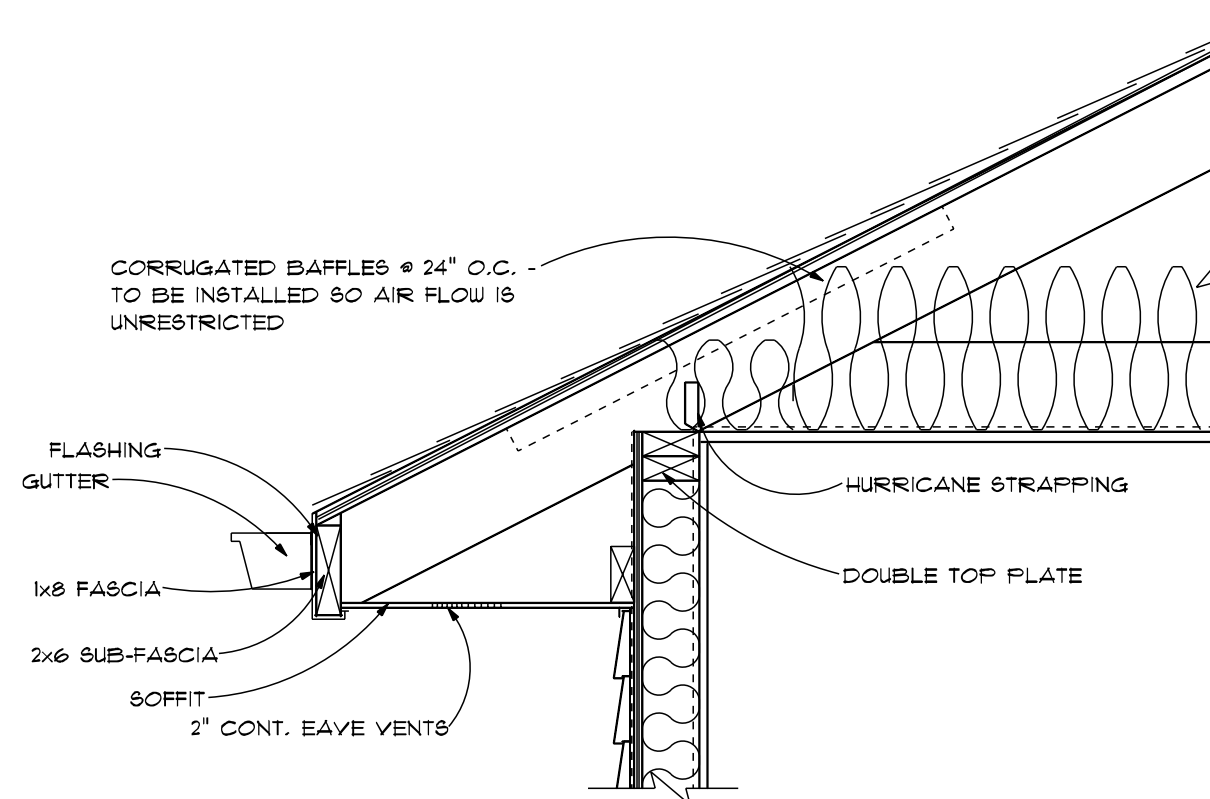
RIDGE VENT

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



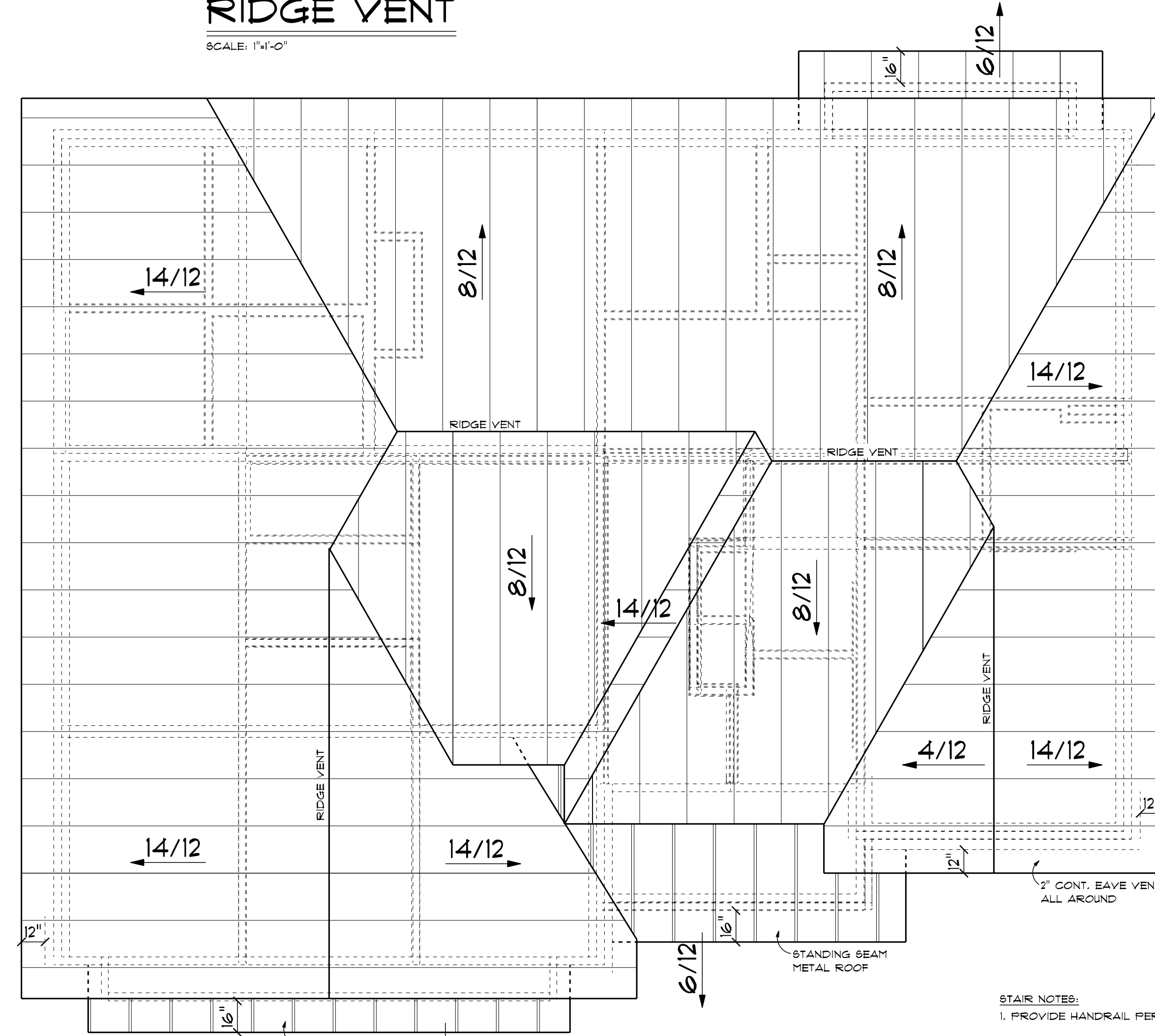
ATTIC HATCH

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



EAVE VENT

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



ROOF PLAN

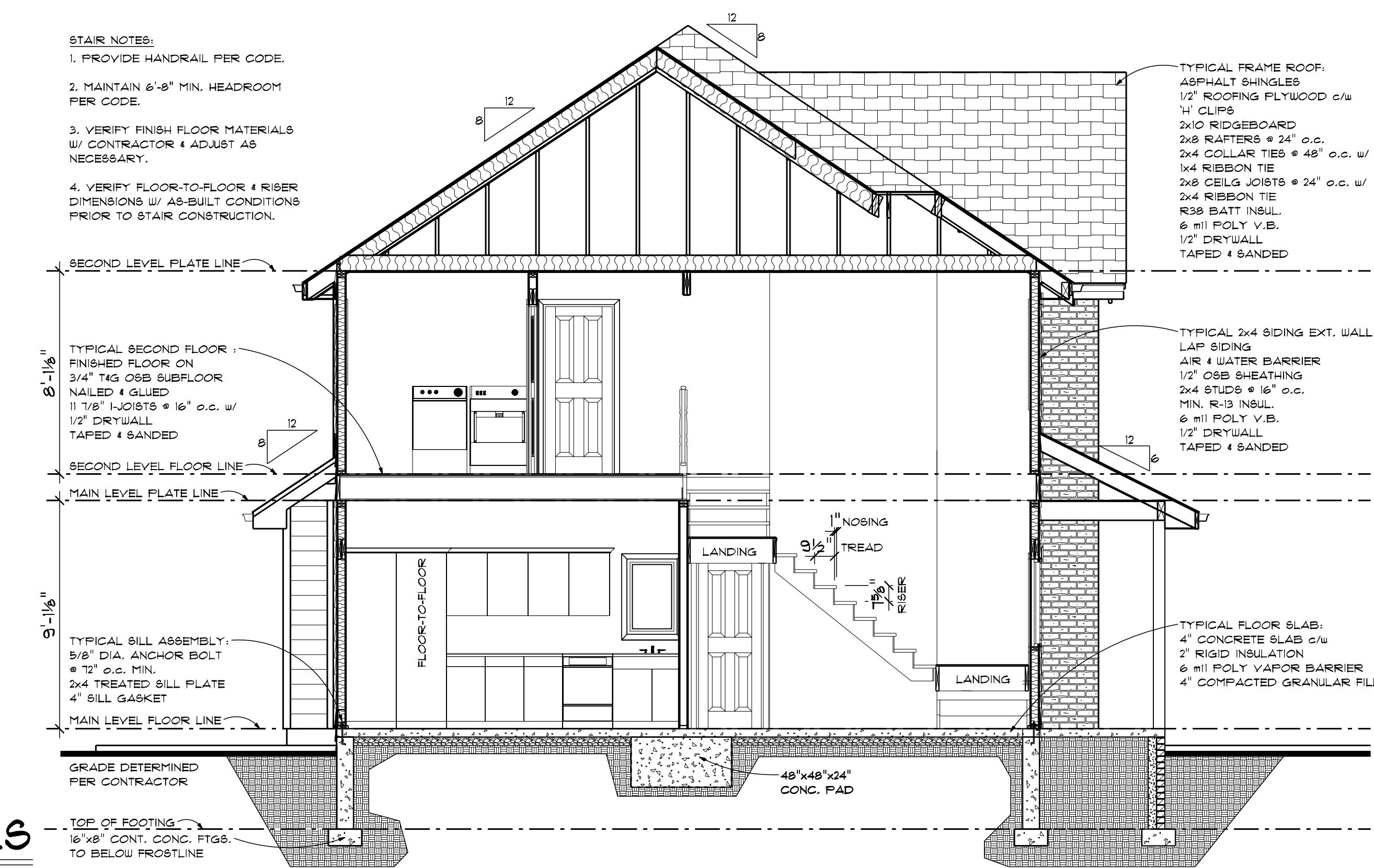
SCALE: 1/4" = 1'-0"

- STAIR NOTES:**
- 1. PROVIDE HANDRAIL PER CODE.
 - 2. MAINTAIN 6'-8" MIN. HEADROOM PER CODE.
 - 3. VERIFY FINISH FLOOR MATERIALS w/ CONTRACTOR & ADJUST AS NECESSARY.
 - 4. VERIFY FLOOR-TO-FLOOR & RISER DIMENSIONS w/ AS-BUILT CONDITIONS PRIOR TO STAIR CONSTRUCTION.

- TYPICAL FRAME ROOF:**
- ASPHALT SHINGLES
 - 1/2" ROOFING PLYWOOD c/w 14 CLIPS
 - 2x10 RIDGEBOARD
 - 2x8 RAFTERS @ 24" o.c.
 - 2x4 COLLAR TIES @ 48" o.c. w/ 1/4" RIBBON TIE
 - 2x8 CEILING JOISTS @ 24" o.c. w/ 2x4 RIBBON TIE
 - R38 BATT INSUL.
 - 6 mil POLY V.B.
 - 1/2" DRYWALL TAPED & SANDED

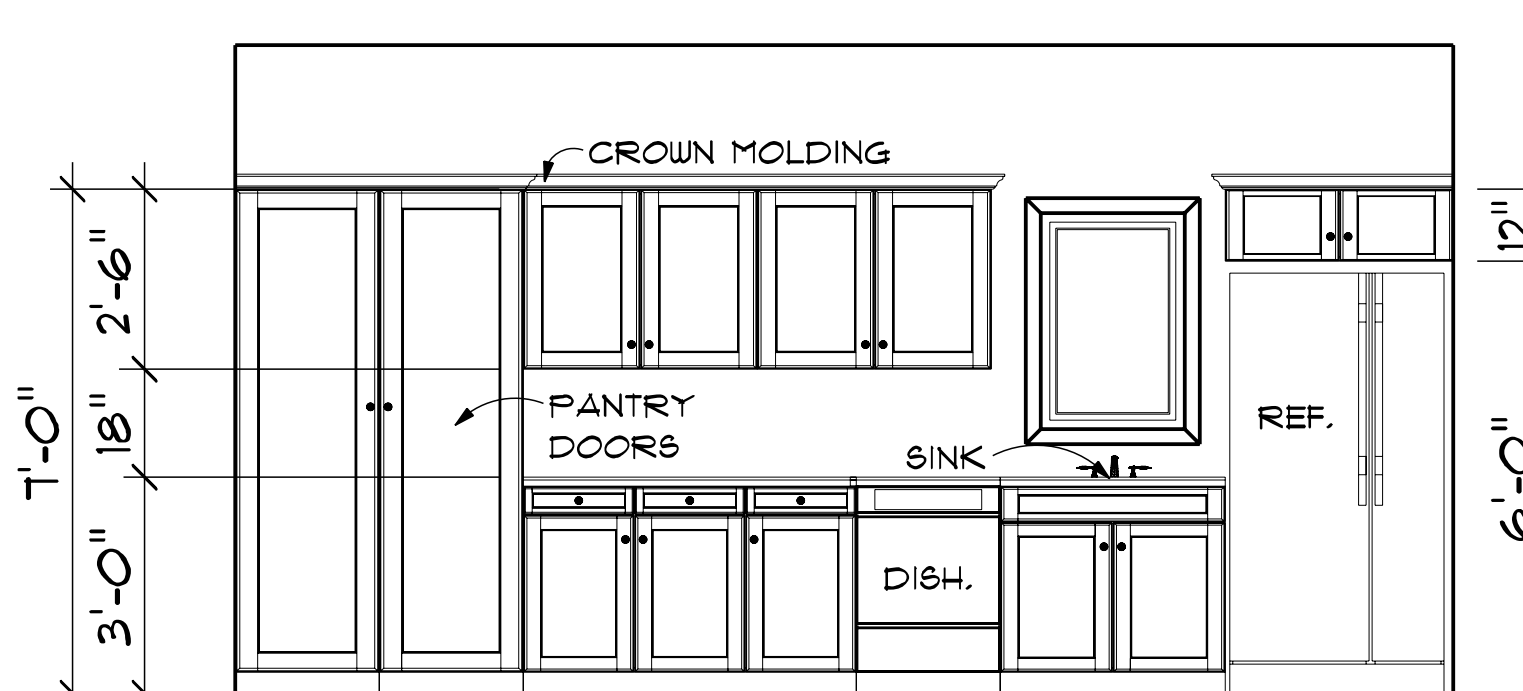
- TYPICAL 2x4 SIDING EXT. WALL:**
- LAP SIDING
 - AIR & WATER BARRIER
 - 1/2" OSB SHEATHING
 - 2x4 STUDS @ 16" o.c.
 - MIN. R-13 INSUL.
 - 6 mil POLY V.B.
 - 1/2" DRYWALL TAPED & SANDED

- TYPICAL FLOOR SLAB:**
- 4" CONCRETE SLAB c/w 2" RIGID INSULATION
 - 6 mil POLY VAPOR BARRIER
 - 4" COMPACTED GRANULAR FILL

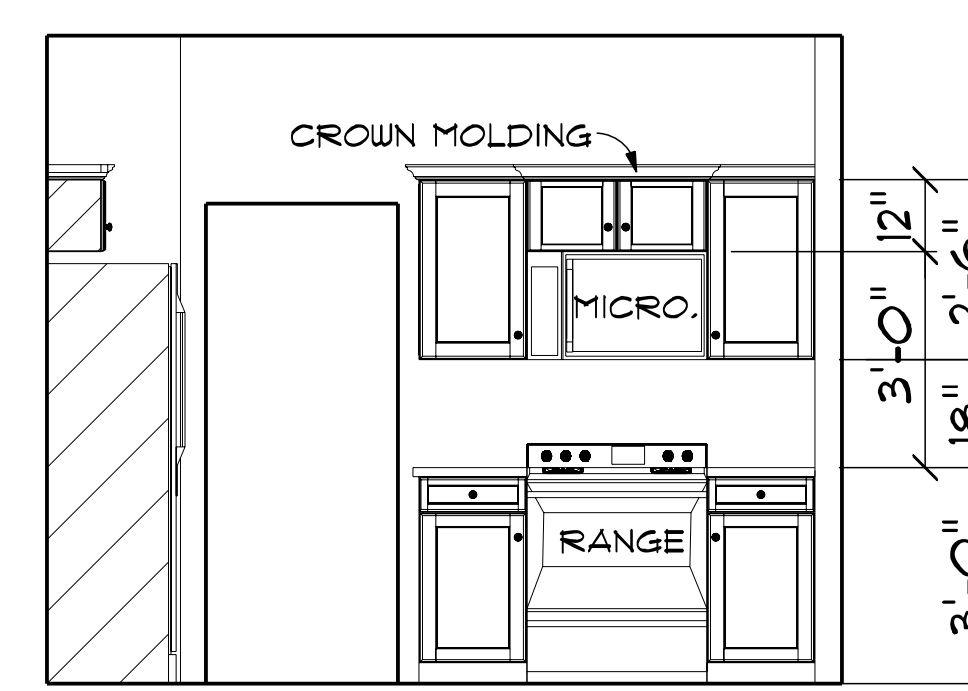


CROSS SECTION

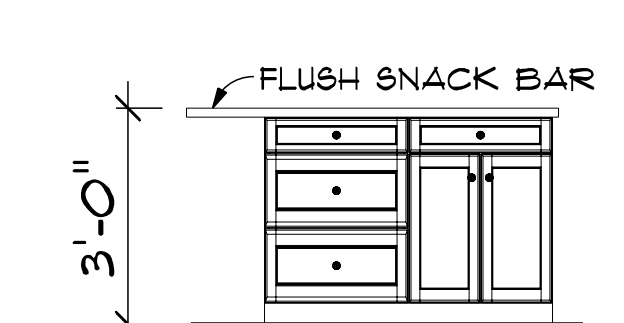
SCALE: 1/4" = 1'-0"



DETAIL 1



DETAIL 2



DETAIL 3

CABINET DETAILS

SCALE: 3/8" = 1'-0"

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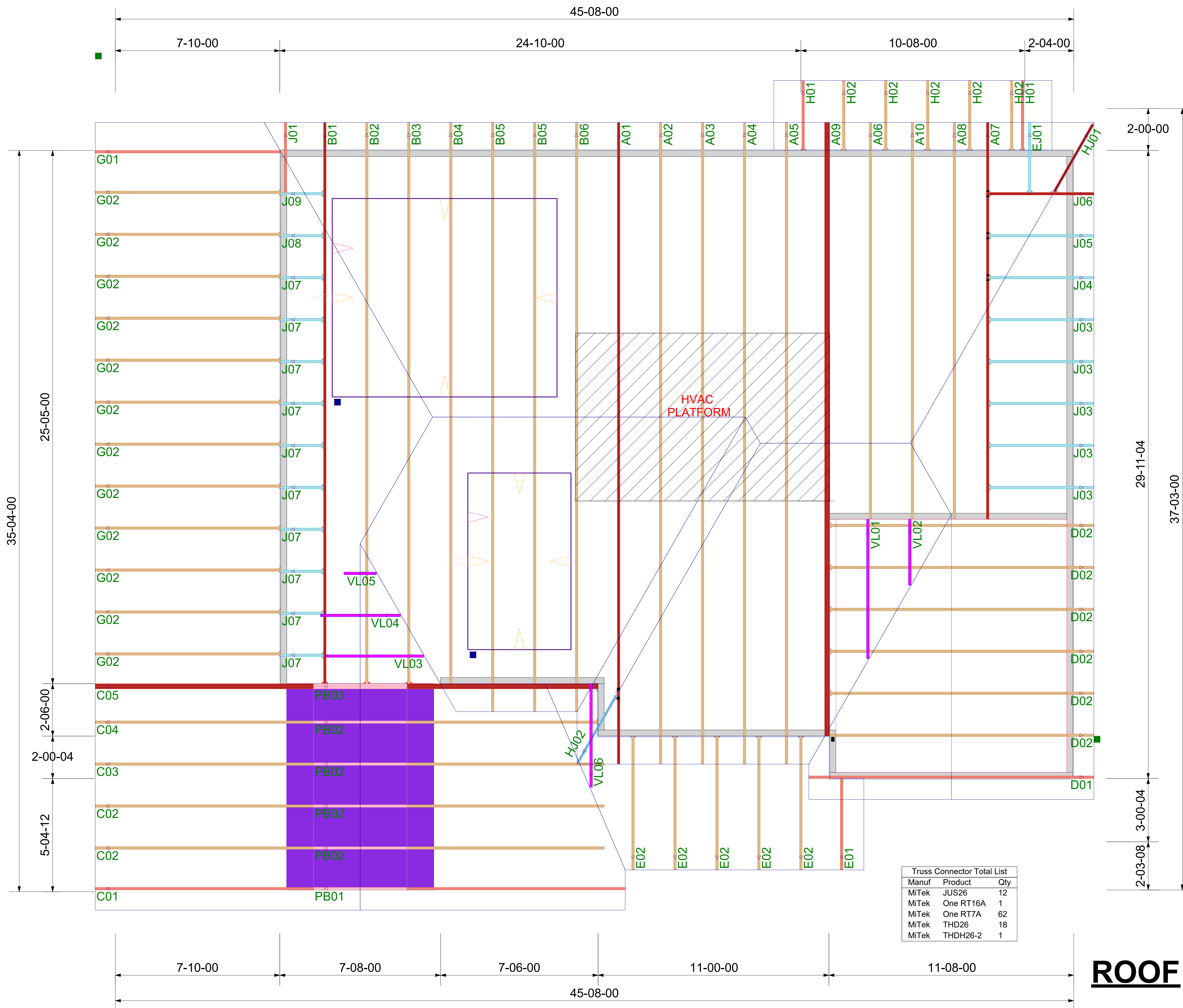
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ROOF TRUSS FRAMING

DRAWING SCALE : NTS



J & R HOMES LLC
 LOT 97 CANTERBURY
 ROOF TRUSS PLACEMENT PLAN

REVISIONS		
DATE	BY	
5-13-21	PG	

PROJECT NUMBER
21070157
 SHEET NUMBER
1 / 1