

SCALE:
DRAWN BY: KJM DATE: 07-08-2011
REVISION: KJM DATE: 08-07-2011
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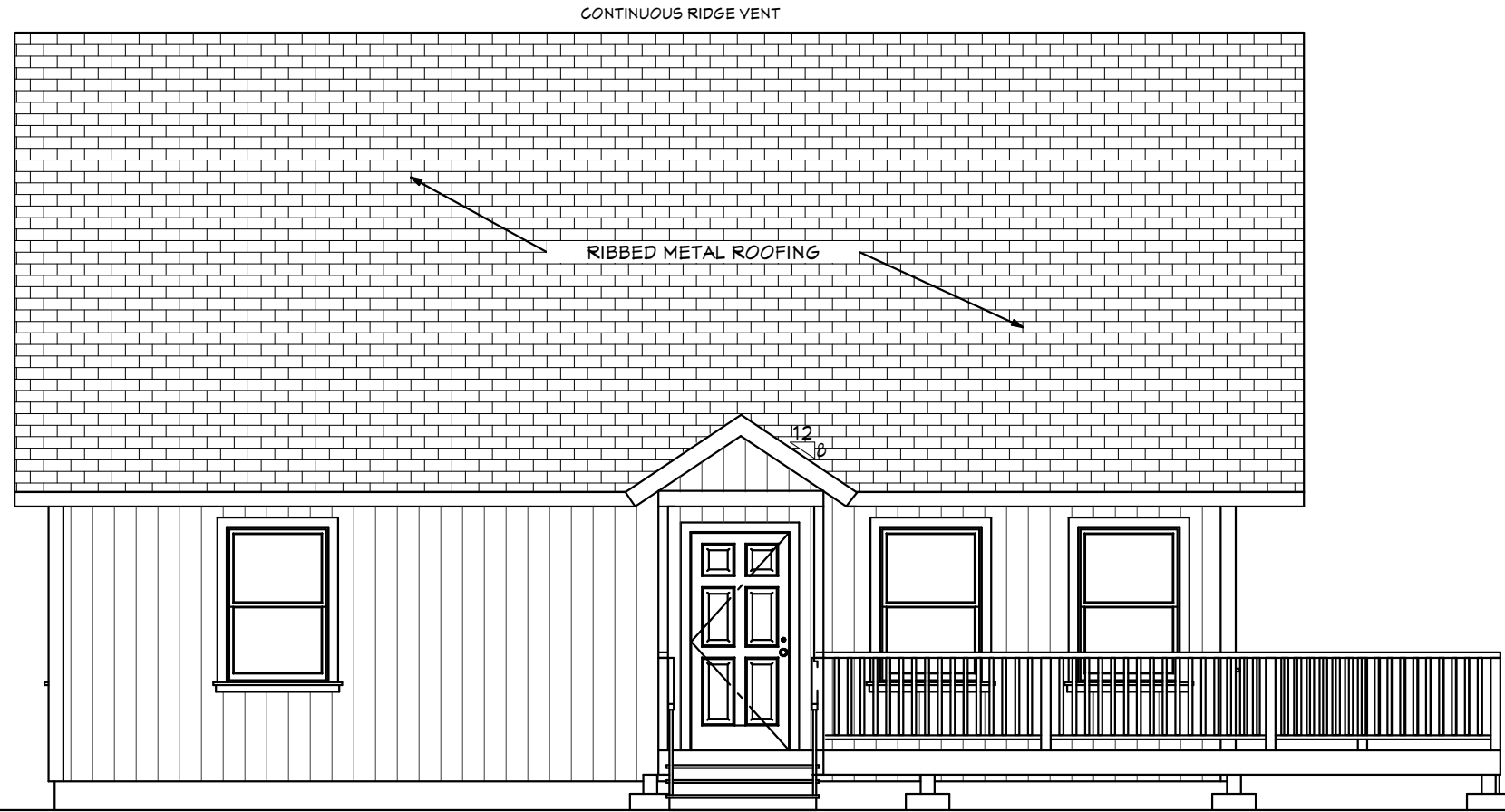
24' x 36' CHALET

SHEET NUMBER

A1

SHEET INDEX

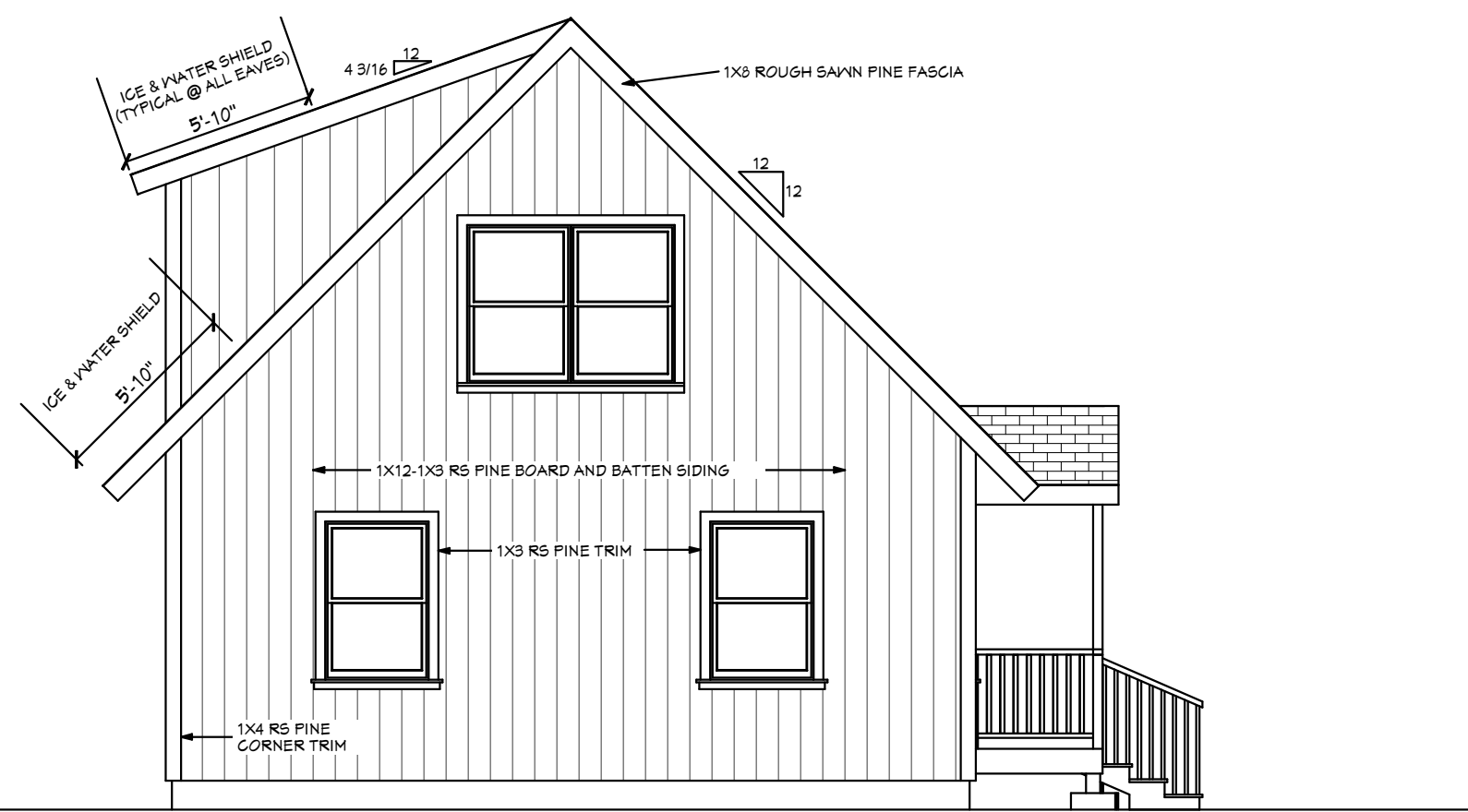
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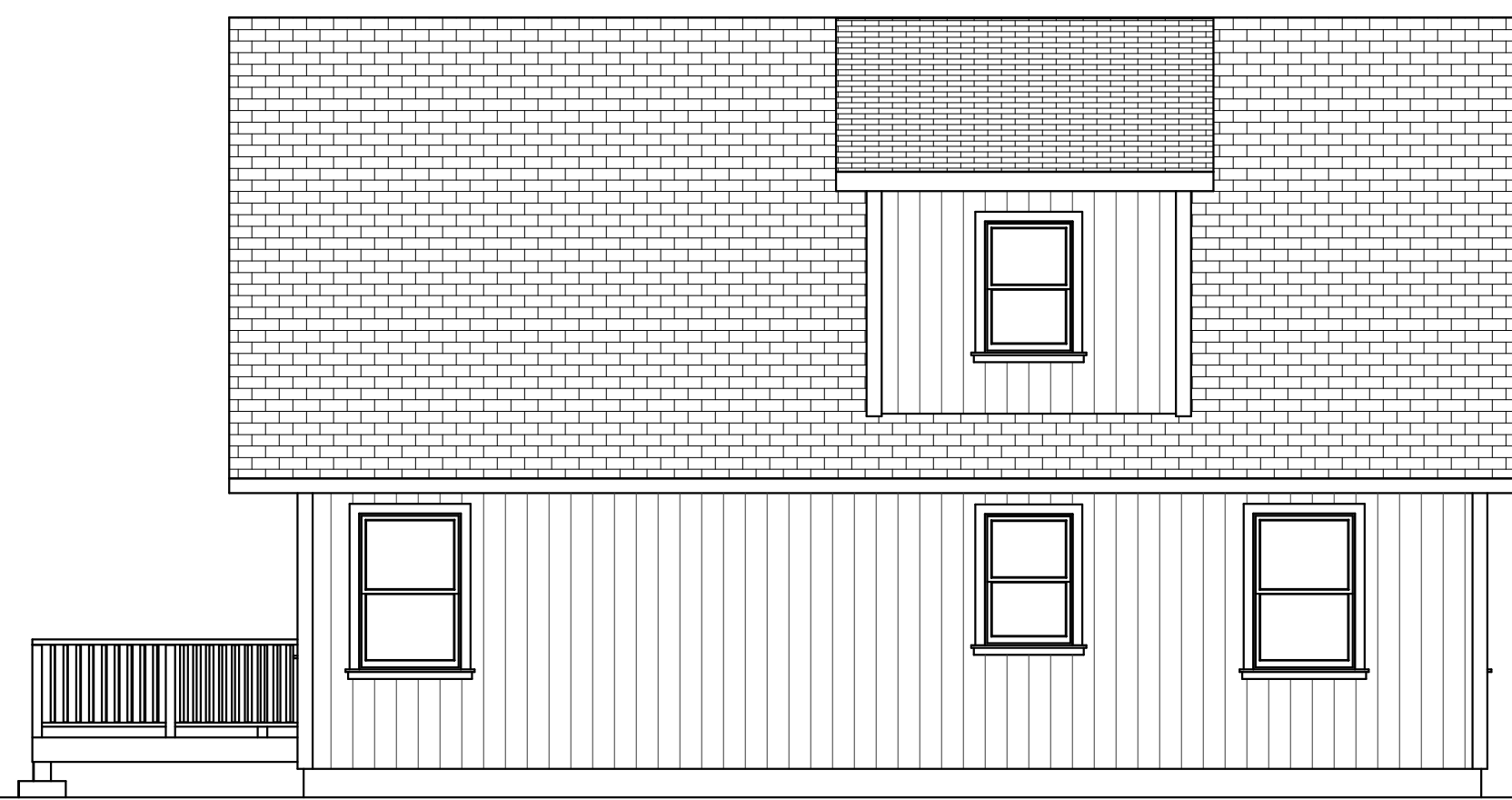
LEFT ELEVATION



FRONT ELEVATION



REAR ELEVATION



RIGHT ELEVATION

SCALE: 3/16"=1'-0"

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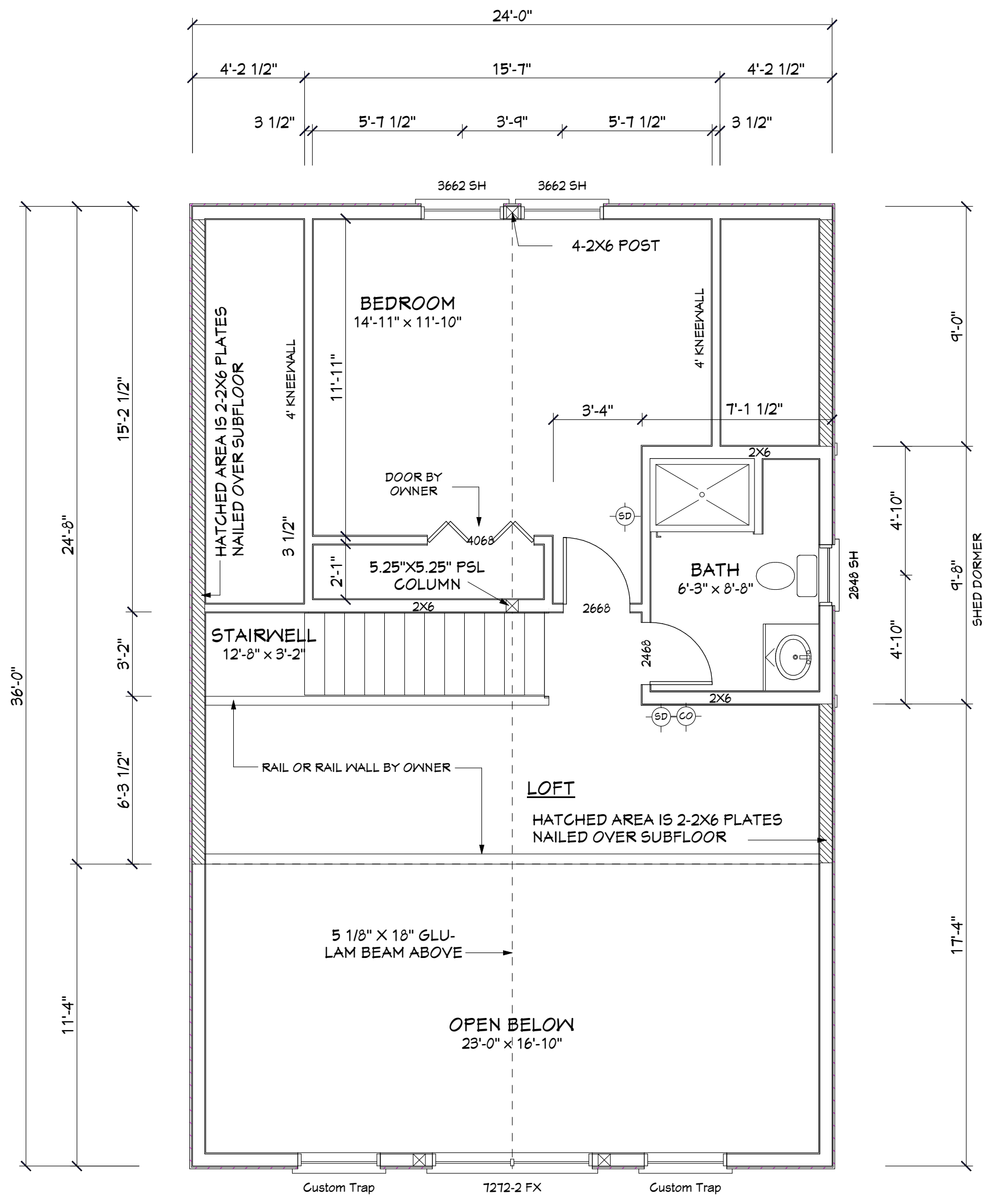
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COVER PAGE & ELEVATIONS

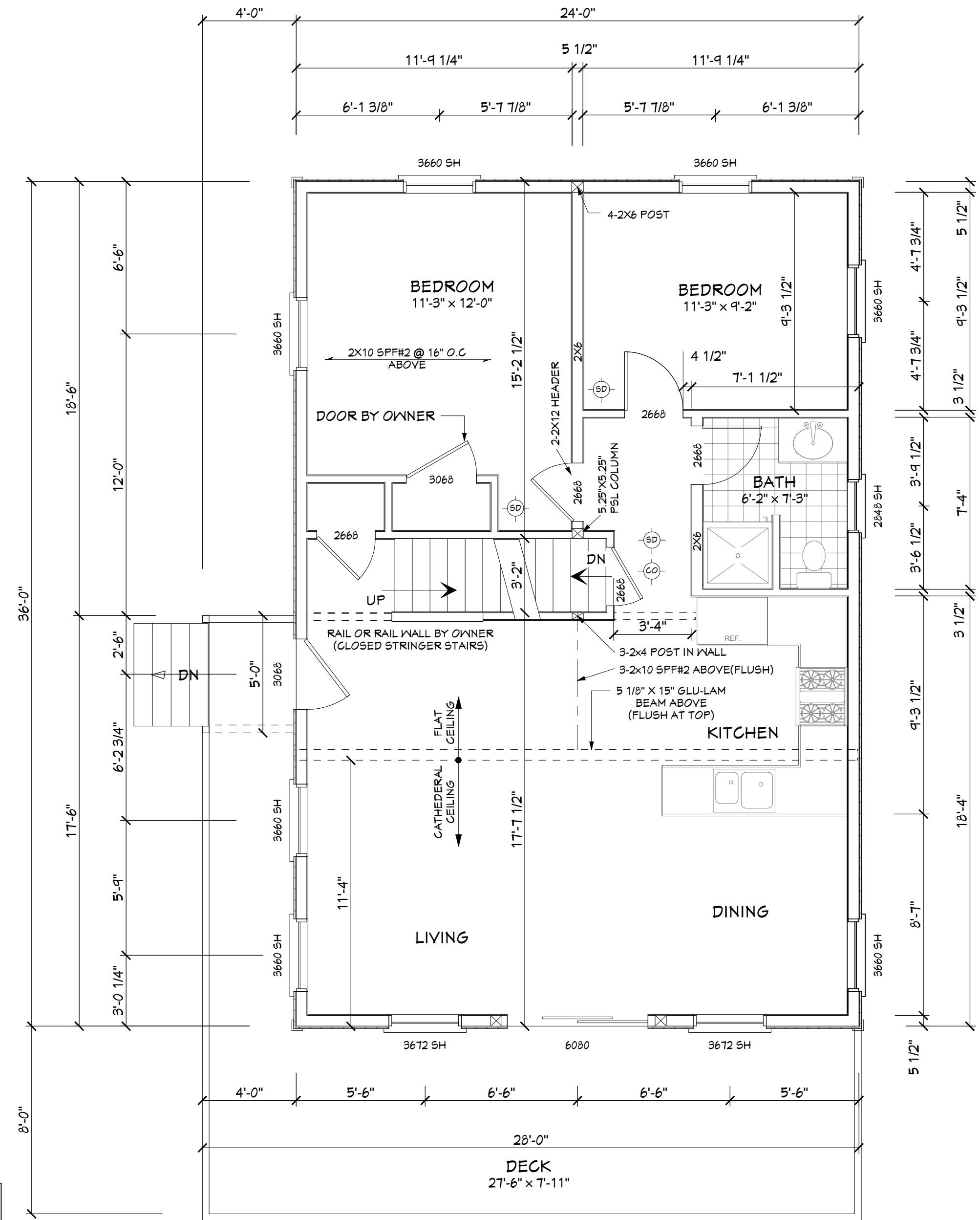
24' x 36' CHALET

SHEET NUMBER

A2



SECOND FLOOR PLAN
304 SF FINISHED LIVING AREA



FIRST FLOOR PLAN
864 SF FINISHED LIVING AREA
294 SF DECK

NOTE: ALL DIMENSIONS ARE STUD TO STUD
DO NOT SCALE DRAWINGS; USE DIMENSIONS SHOWN
SEE PAGE 8 FOR EXTERIOR HEADER SIZES
INTERIOR HEADERS ARE 2-2X4 FLAT UNLESS NOTED

WINDOW AND DOOR SCHEDULE				WINDOWS ARE PELLA ENCOMPASS UNIT-U = .30 EXTERIOR DOOR IS THERMA TRU UNIT U=25	
QTY	SIZE	STYLE	ROUGH OPENING	COMMENTS	LOCATIONS
2	2848	SINGLE HUNG	2'-4" X 4'-0"		BATH ROOMS
7	3660	SINGLE HUNG	3'-0" X 5'-0"	MEETS FIRST FLOOR EGRESS	1ST FL. BEDROOMS- DINING-LIVING
2	3662	SINGLE HUNG	3'-0" X 5'-2"	MEETS SECOND FLOOR EGRESS	2ND FLOOR BEDROOM
2	3672	SINGLE HUNG	3'-0" X 6'-0"		LIVING - LOWER
1	7296	SL. PATIO DR.	6'-0" X 8'-0"		LIVING - LOWER
1	7272	DBL. FIXED	6'-0" X 6'-0"		LIVING - UPPER
2	CUSTOM TRAP	FIXED TRAP.	3'-0" X 5'-9 1/2"		LIVING - UPPER
1	3068	ENTRY DR.	3'-2 1/2" X 6'-10 1/2"	METAL INSULATED DOOR	ENTRY

INTERIOR DOORS - R.O. HEIGHT = 6'-11"; R.O. WIDTH = DOOR SIZE + 2"

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

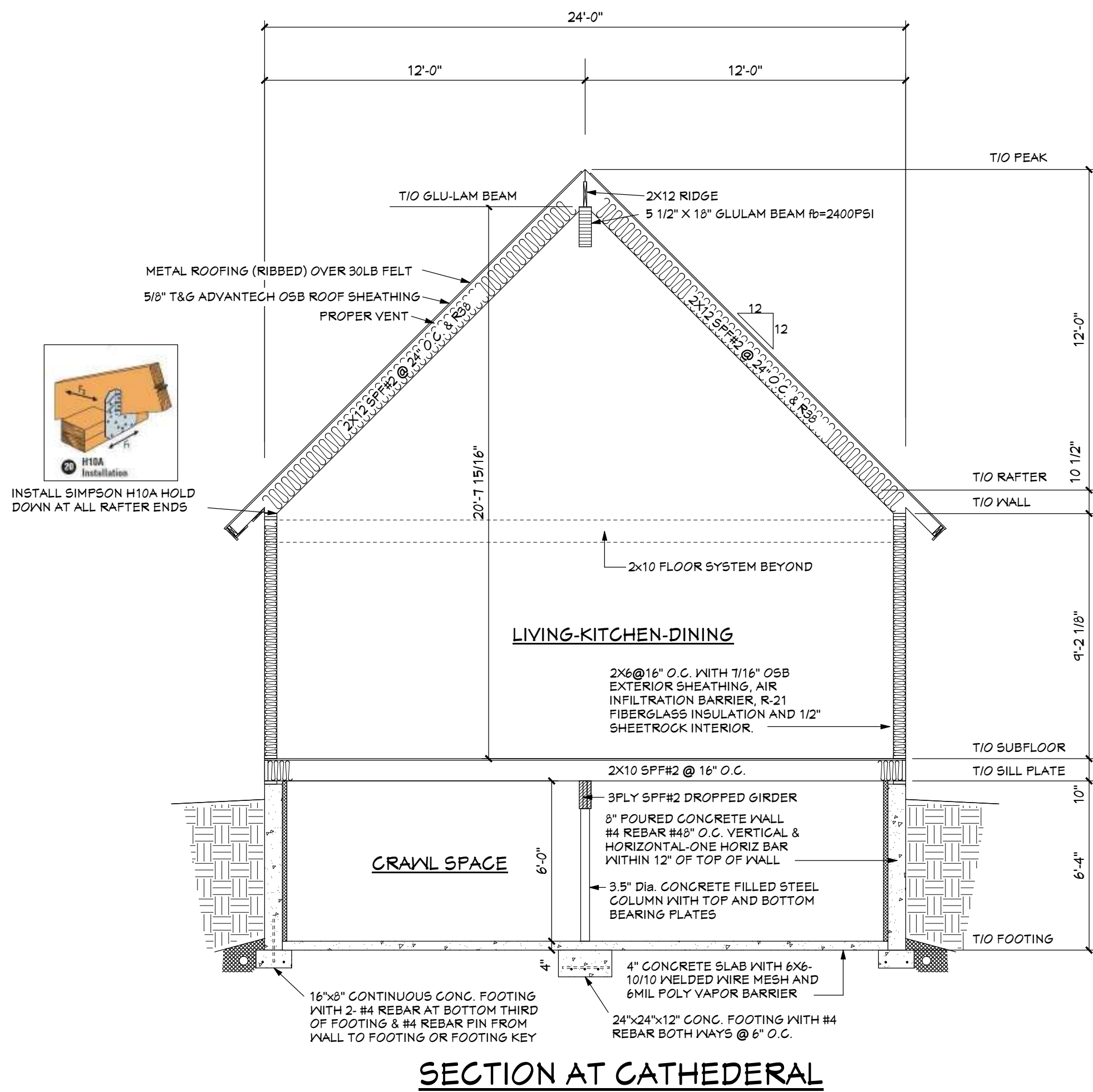
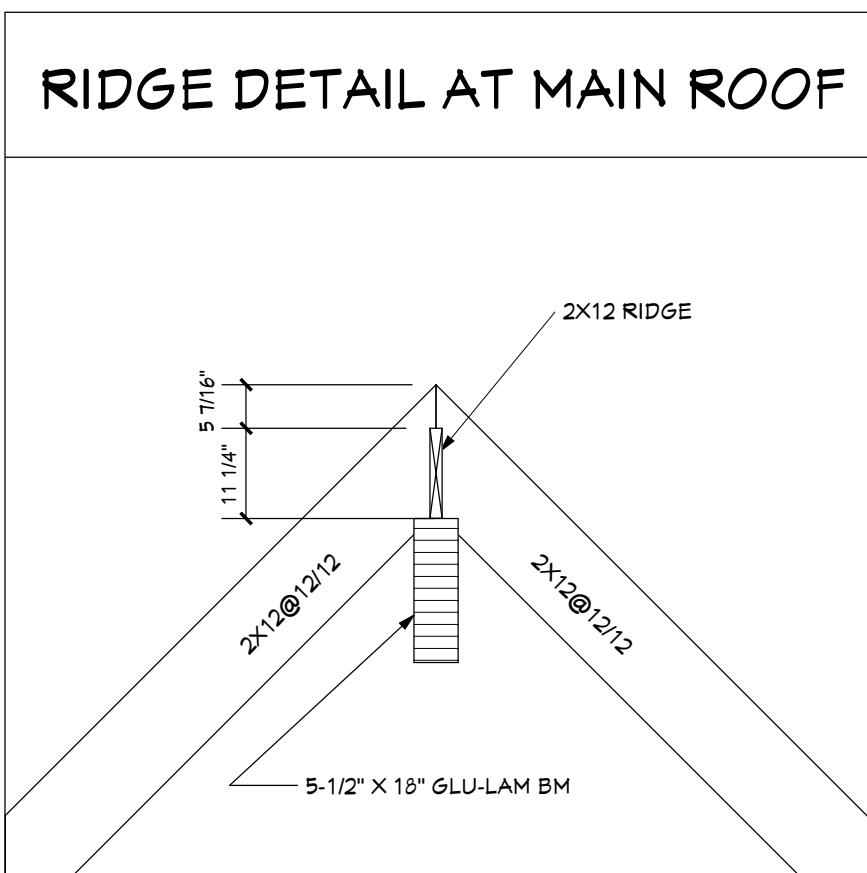
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FLOOR PLANS

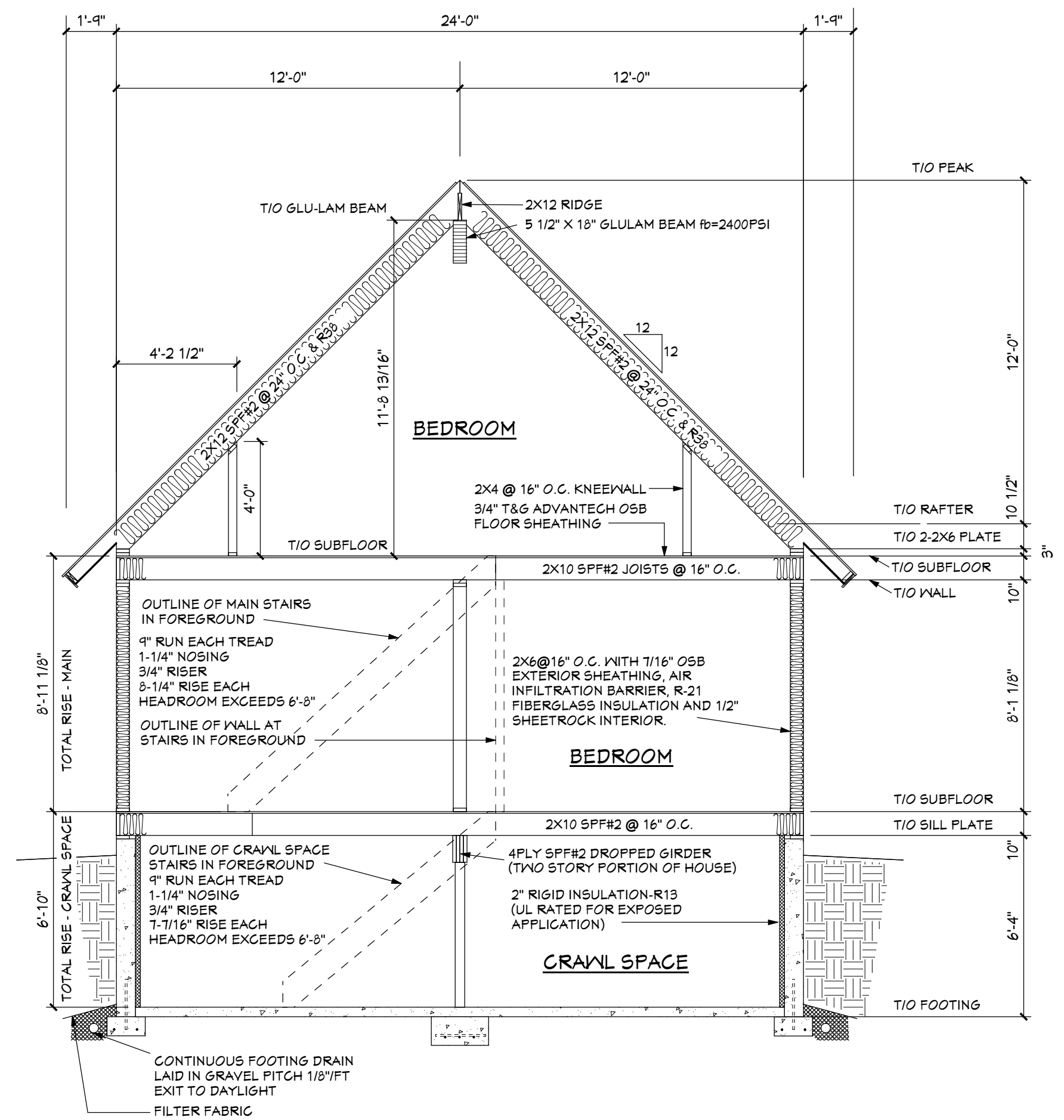
24' x 36' CHALET

SHEET NUMBER

A4

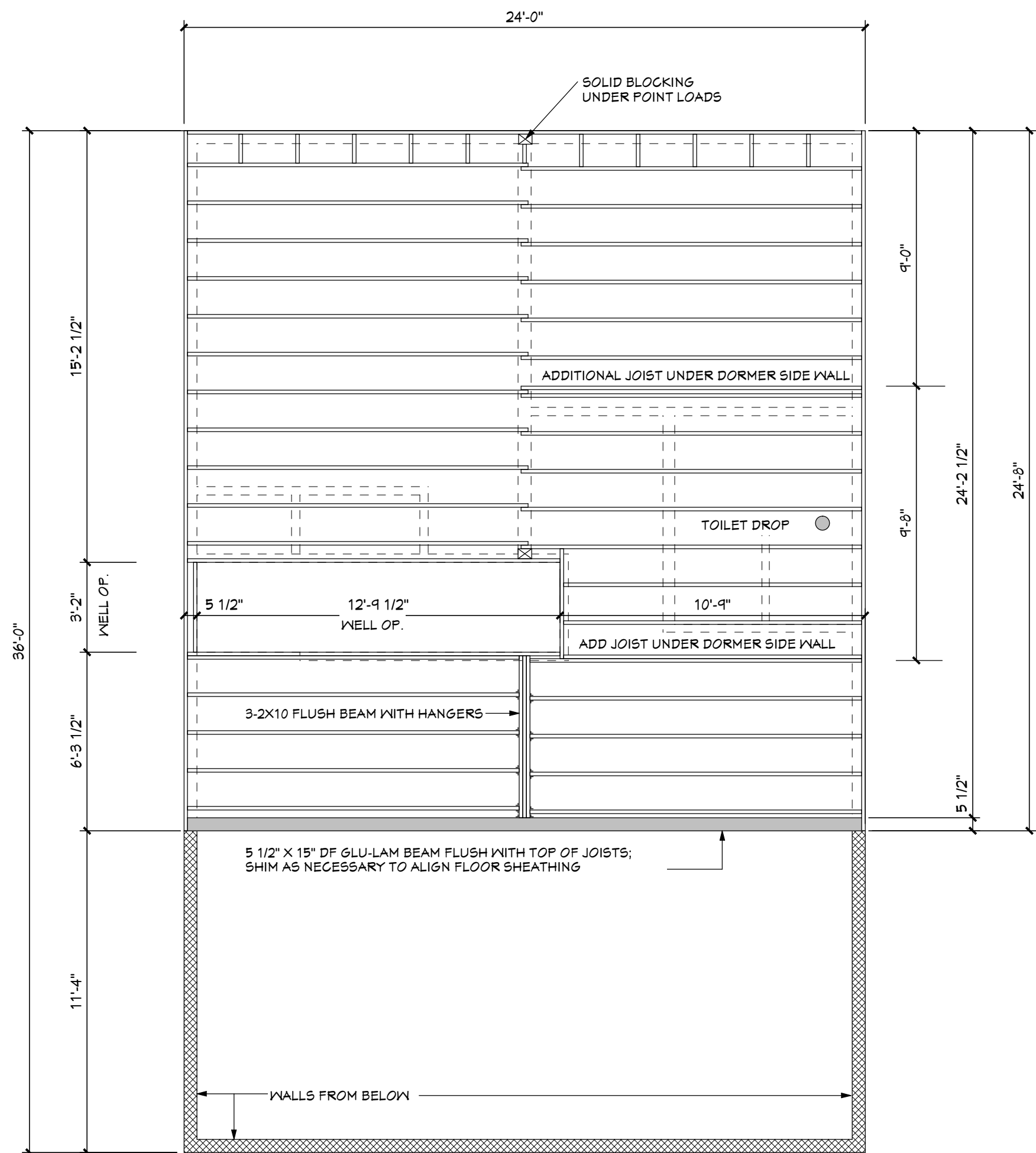
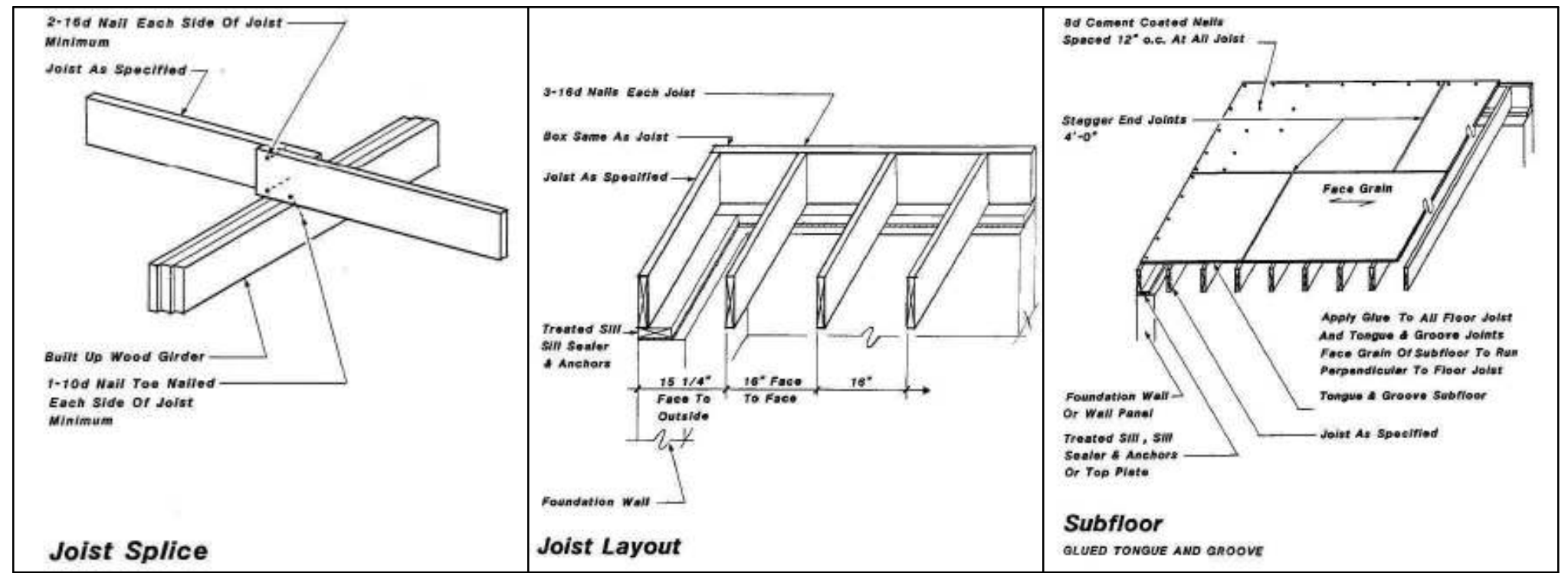


SECTION AT CATHEDRAL



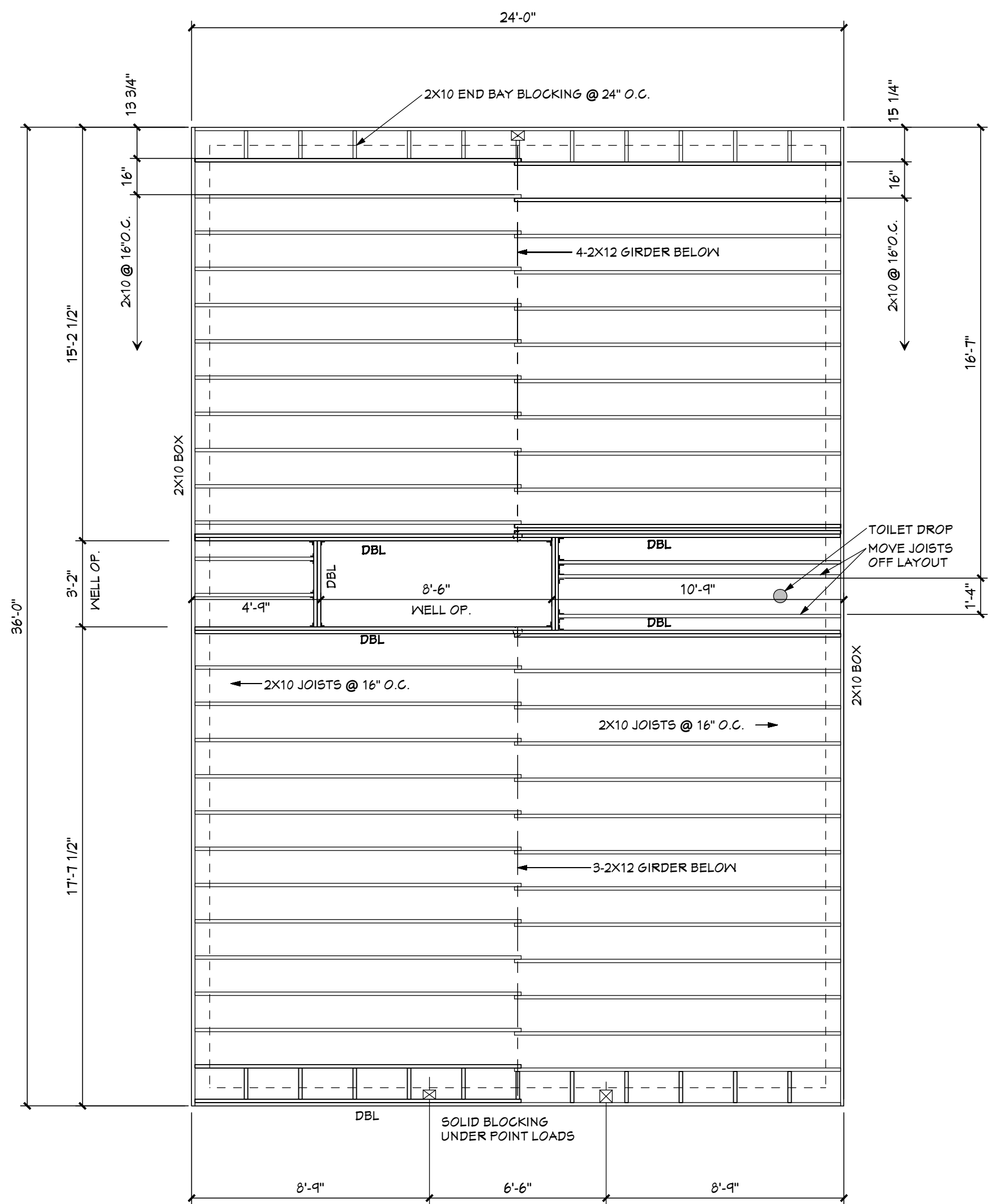
SECTION AT BEDROOMS

SCALE: 1/4"=1'-0"	DRAWN BY: KJM	DATE: 07-08-2011	REVISION: KJM	DATE: 08-07-2011	REVISION: _____	DATE: _____
SECTIONS						
24' x 36' CHALET						
SHEET NUMBER						
A5						



SECOND FLOOR JOIST LAYOUT

2X10 SPF#2 JOISTS @ 16" O.C.
 3/4" T&G ADVANTECH OSB FLOOR SHEATHING GLUED AND NAILED



FIRST FLOOR JOIST LAYOUT

2X10 SPF#2 JOISTS @ 16" O.C.
 3/4" T&G ADVANTECH OSB FLOOR SHEATHING GLUED AND NAILED

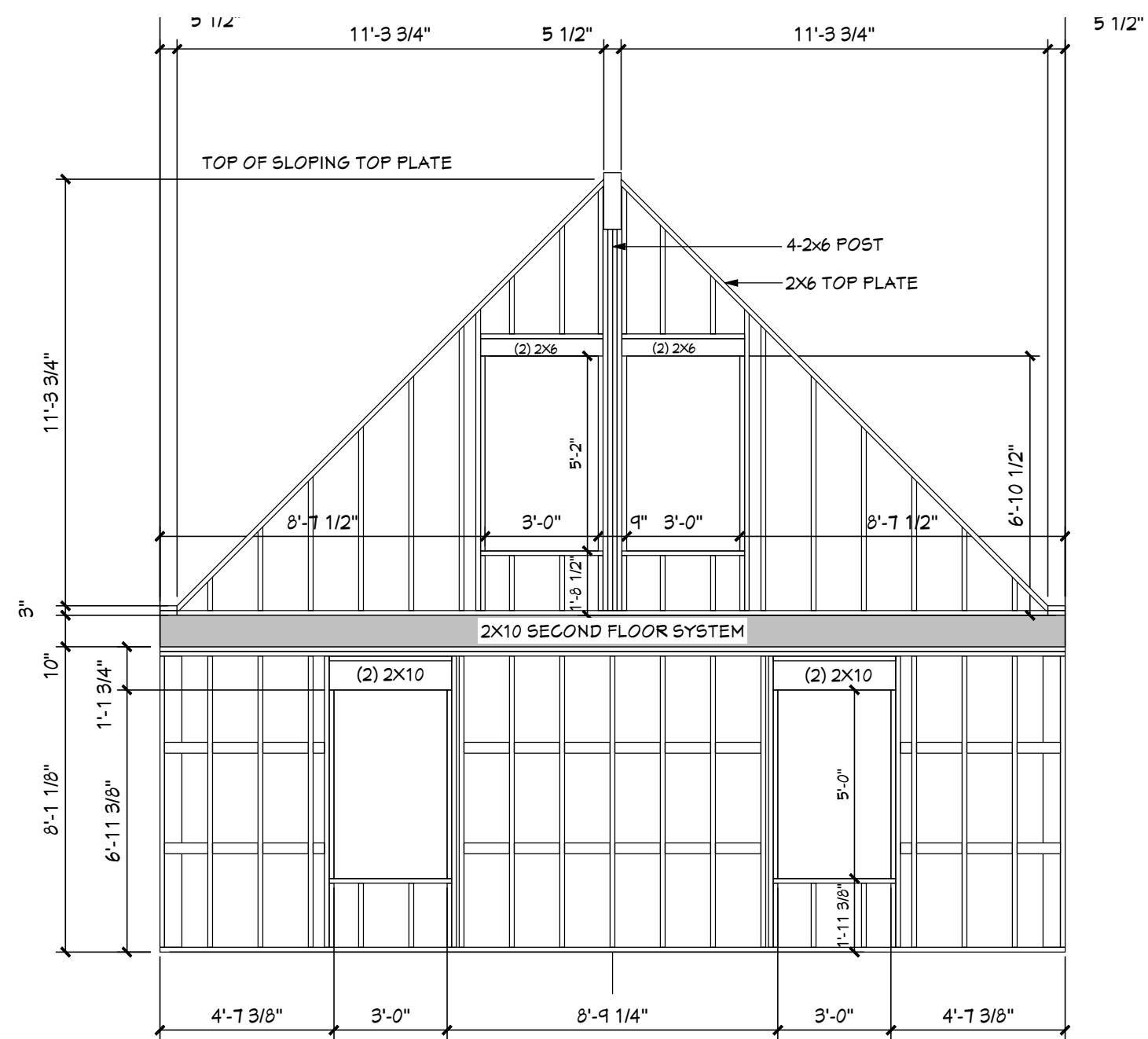
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FLOOR FRAMING

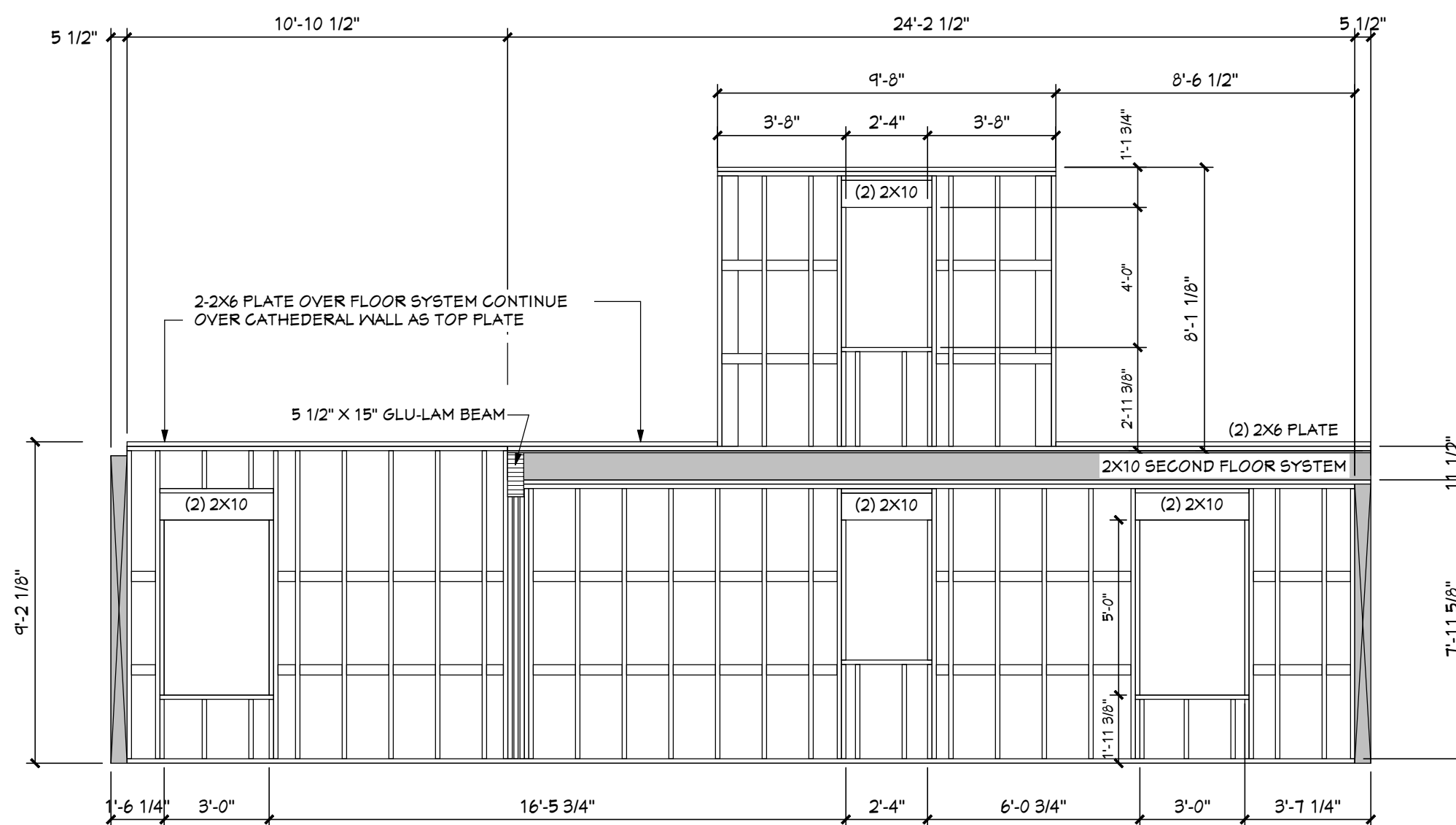
24' x 36' CHALET

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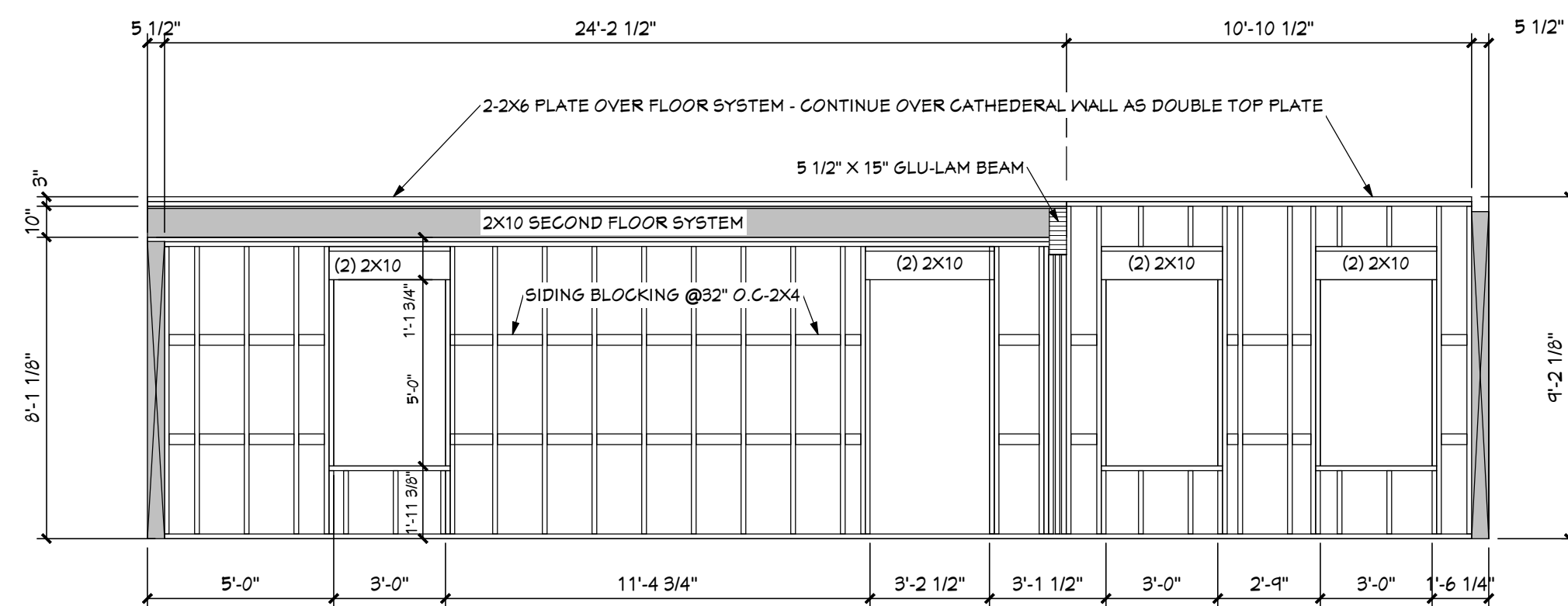
A7



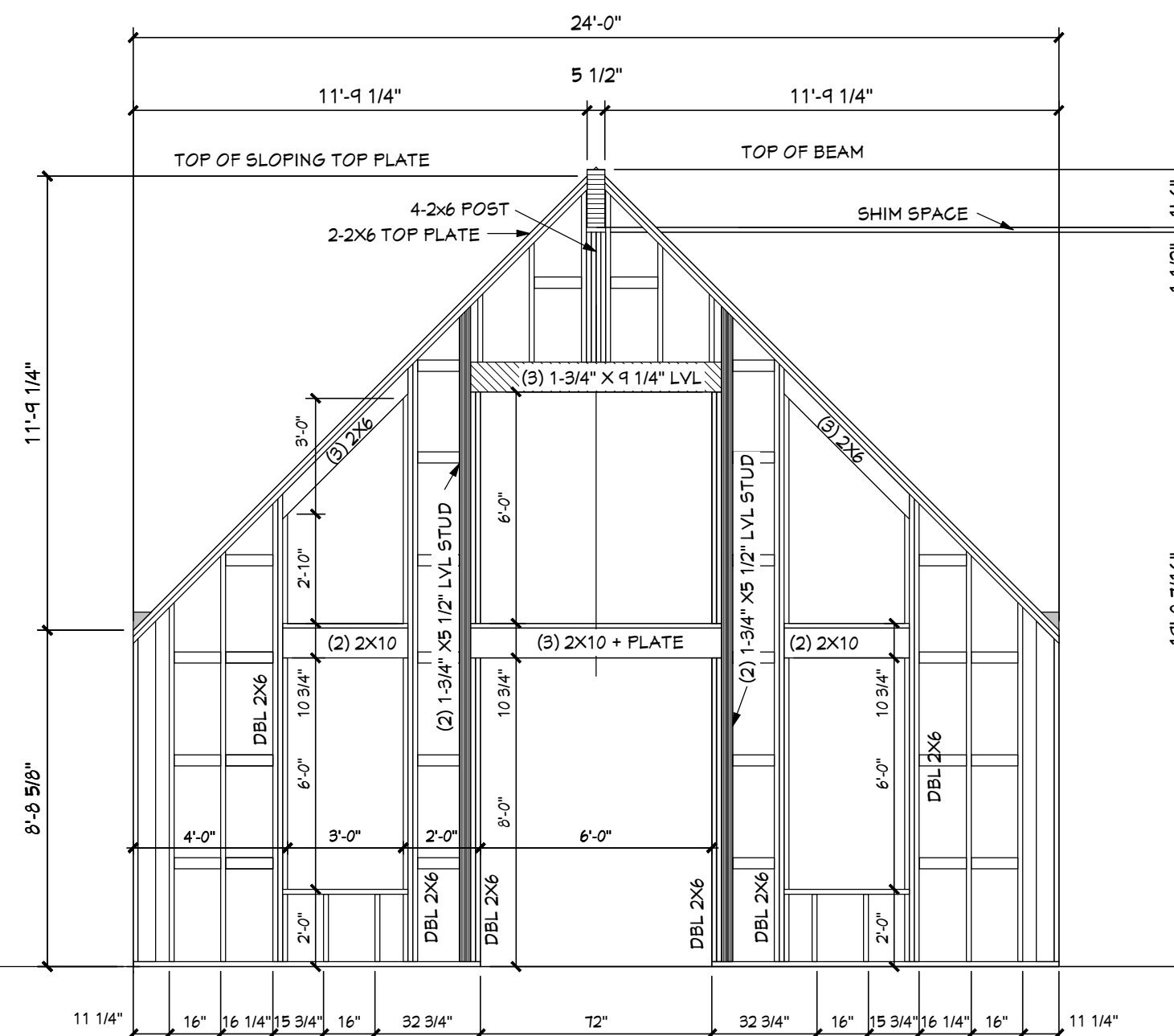
REAR WALL & GABLE FRAMING



RIGHT SIDE WALL FRAMING



LEFT SIDE WALL FRAMING



FRONT GABLE WALL FRAMING

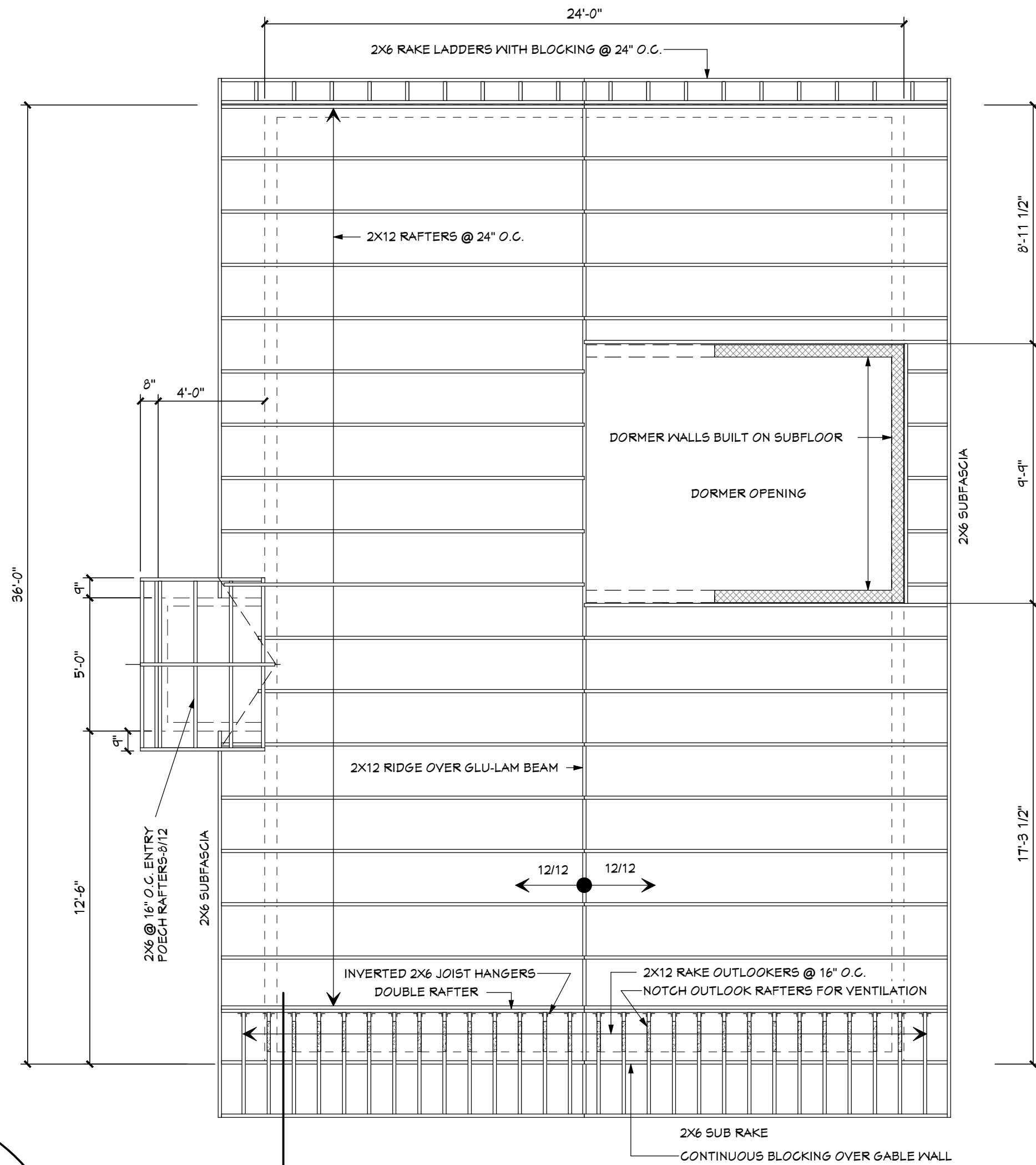
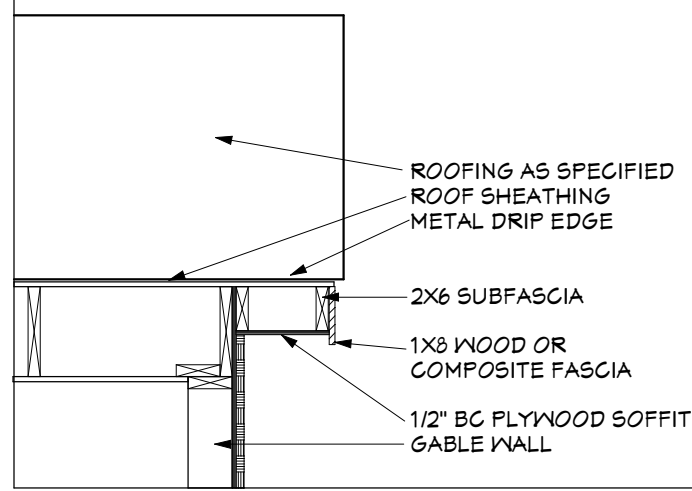
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EXTERIOR WALL FRAMING
24' x 36' CHALET

SHEET NUMBER
A8

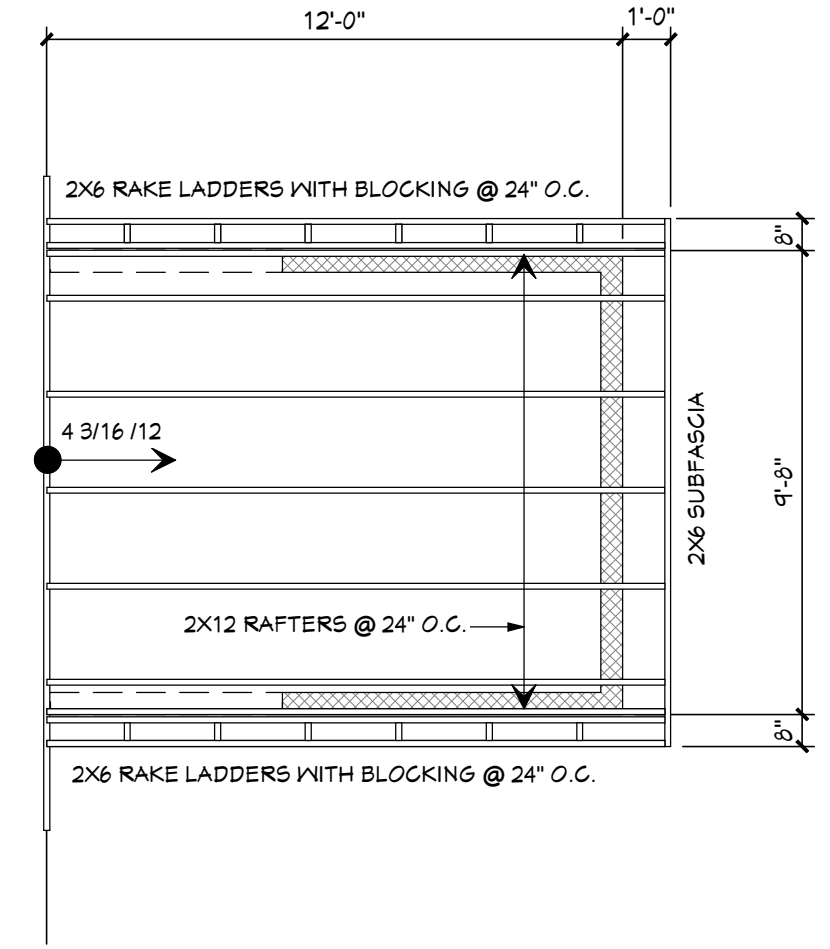
RAKE LADDER DETAIL

UP TO 16" OVERHANG



MAIN ROOF FRAMING

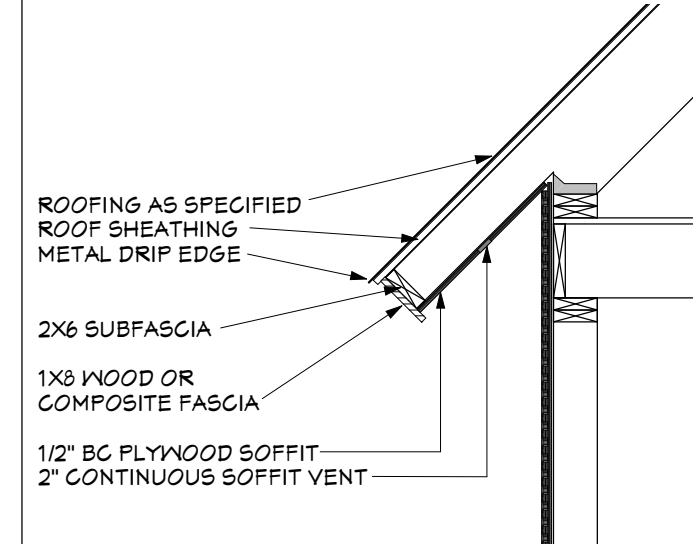
2X12 SPF#2 RAFTERS @ 24" O.C.
5/8" T&G ADVANTECH OSB SHEATHING



SHED DORMER ROOF FRAMING

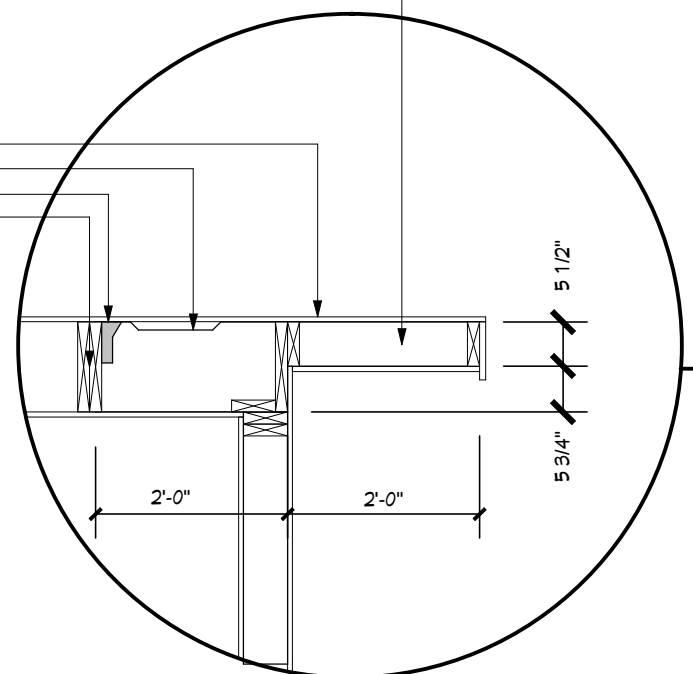
2X12 SPF#2 RAFTERS @ 24" O.C.
5/8" T&G ADVANTECH OSB SHEATHING

SLOPING OVERHANG DETAIL



2X12 OUTLOOK RAFTERS RIPPED TO 5-1/2" AT OVERHANG

ROOF SHEATHING NOTCH FOR AIR FLOW
INVERTED HANGER
DBL RAFTER



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ROOF FRAMING		
24' x 36' CHALET		
SHEET NUMBER		
A9		

GENERAL NOTES

- ALL WORK IS TO COMPLY WITH THE LATEST ADOPTED VERSION OF THE UNIFORM BUILDING CODE AND ANY APPLICABLE STATE, COUNTY OR CITY CODE REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE BUILDING DURING CONSTRUCTION AND SHALL PROVIDE ADEQUATE SHORING AND BRACING DURING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS.
- TYPICAL DETAILS SHALL APPLY UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE THE DRAWINGS.
- DESIGN LOADS:
(CHECK YOUR LOCAL CODE REQUIREMENTS)
 ROOF.....80psf (GROUND SNOW LOAD); 15psf (dead)
 FLOORS(non sleeping rooms)...40psf (live); 10psf (dead)
 FLOORS(sleeping rooms).....30psf (live); 10psf (dead)
 STAIRS.....40psf
 HANDRAILS.....200 lb
 GARAGE FLOOR.....50psf
 DECKS.....40psf
 EXTERIOR BALCONIES.....60psf
 ATTIC (w/ storage).....20psf
 ATTIC (w/ out storage).....10psf
- ALL EXPOSED INSULATION IS TO HAVE A FLAME SPREAD RATING OF LESS THAN 25 AND A SMOKE DENSITY OF LESS THAN 450.
- PROVIDE INSULATION BAFFLES AT EAVE VENTS.
- 5/8" TYPE X SHEETROCK INSIDE GARAGE @ HOUSE FOR FIRE CODE REQUIREMENT.
- PROVIDE 1 FT SQUARED NET FREE AREA OF VENT FOR EACH 150 FT SQUARED OF CRAWL SPACE FLOOR.

ENERGY NOTES

- CAULK ALL EXTERIOR TOE PLATES WITH LATEX CAULK.
- CAULK ALL WIRE AND PIPE HOLES WHERE THEY PENETRATE ALL UPPER AND LOWER EXTERIOR PLATES.
- USE BLOWN-IN WALL INSULATION IF AT ALL POSSIBLE. IF BAT INSULATION IS USED PACK BEHIND ALL ELECTRICAL BOXES.
- SEAL ALL JOINTS IN HVAC DUCTS, WITH LEAKAGE NO MORE THAN 3% .3" FIBER MESH TAPE SHOULD BE USED ON ALL COLLAR TO PLENUM CONNECTIONS AND ALL GAPS THAT ARE 1/4" OR WIDER. INSULATE DUCTS WITH R-6.5 OR GREATER.
- FOAM INSULATE BETWEEN ALL EXTERIOR WINDOW AND DOOR EDGES AND ROUGH OPENING FRAME. USE NON-EXPANDING FOAM (W.R. GRACE/ POLY-CELL ONE OR EQUAL).
- PROVIDE BACK DRAFT DAMPER ON KITCHEN HOOD VENT, DRYER VENT, AND BATHROOM VENT.
- INSULATE ALL HOT WATER PIPES.
- INSTALL WRAP KIT ON WATER HEATER.

FRAMING NOTES

- STRUCTURAL FRAMING MEMBERS SHALL BE SPF#2, OR BETTER.
- FLOOR SHEATHING SHALL BE GLUED AND NAILED TO FLOOR JOISTS ACCORDING TO NAILING SCHEDULE. ROOF AND WALL SHEATHING SHALL BE NAILED ACCORDING TO SAID NAILING SCHEDULE.
- SILL PLATES SHALL BE PRESSURE TREATED WOOD OR WOOD OF NATURAL RESISTANCE TO DECAY.
- PROVIDE WOOD TRUSSES ABLE TO SUSTAIN THE STATED LOADS INDICATED ON STRUCTURAL DRAWINGS. TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR TRUSS DESIGN.
- ALL ENGINEERED WOOD PRODUCTS SHALL BE INSTALLED PER MANUFACTURER SPECIFICATIONS.
- ALL WOOD, INCLUDING POSTS, LOCATED NEARER THAN 6 INCHES TO EARTH, OR LOCATED ON CONCRETE SLABS PLACED ON EARTH SHE BE TREATED WOOD OR WOOD OF NATURAL RESISTANCE TO DECAY.
- FIREBLOCKING SHALL BE PROVIDED TO CUT OFF ALL CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL). FIREBLOCKING SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS
 A) IN CONCEALED SPACES OF STUD WALLS, INCLUDING FURRED SPACES, AT CEILING AND FLOOR LEVELS. CONCEALED HORIZONTAL FURRED SPACES SHALL ALSO BE FIREBLOCKED AT INTERVALS NOT TO EXCEED 10 FT. BATTS OR BLANKETS OF MINERAL OR GLASS FIBER SHALL BE ALLOWED AS FIREBLOCKING.
 B) AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS AND COVE CEILINGS.
 C) IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
 D) AT OPEINGS AROUND VENTS, PIPES AND DUCTS AT CEILING AND FLOOR LEVEL, TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION.
 E) FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING UNIT SEPARATION.
- JOISTS EXCEEDING A NOMINAL 2 X 12 SHALL BE SUPPORTED LATERALLY BY SOLID BLOCKING, DIAGONAL BRIDGING, OR A CONTINUOUS 1X3 STRIP NAILED ACROSS THE BOTTOM OF JOISTS PERPENDICULAR TO JOISTS AT INTERVALS NOT EXCEEDING 8 FT.

NAILING SCHEDULE

Table R602.3(1)

TOP PLATE TO STUD (END NAIL).....	2-16D
STUD TO SOLE PLATE (END NAIL).....	2-16D
STUD TO SOLE PLATE (TOE NAIL).....	3-8D OR 2 16D
DOUBLE TOP PLATES.....	10D @ 24"OC
DBL TOP PLATE LAP SPLICE.....	8-16D
TOP PLATE LAPS (INTERSECTION).....	2-10D
SOLE PLATE TO JOIST OR BLOCKING.....	16D @ 16"OC
CEILING JOIST TO TOP PLATE (TOE NAIL).....	3-8D
CEILING JOIST OVER PARTITION.....	3-10D
CEILING JOIST TO PARALLEL RAFTER.....	3-10D
RAFTER TO TOP PLATE (TOE NAIL).....	2-16D
1X BRACE TO STUD/PLATE.....	2-8D
JOIST TO SILL PLATE (TOE NAIL).....	3-8D
RAFTER TO RIDGE, HIP OR VALLEY (T.N.).....	4-16D
RAFTER TO RIDGE, HIP OR VALLEY (E.N.).....	3-16D
RAFTER TIES TO RAFTERS.....	3-8D
SUBFLOOR TO FLOOR JOIST.....	8D @ 6"OC EDGE, 12"OC FIELD
WALL SHEATHING TO STUD.....	8D @ 6"OC EDGE, 12"OC FIELD
ROOF SHEATHING TO RAFTER/TRUSS.....	8D @ 6"OC EDGE, 12"OC FIELD

MECHANICAL NOTES

- SMOKE DETECTORS SHALL BE INSTALLED IN EACH SLEEPING ROOM, OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS AND ON EACH LEVEL OF THE DWELLING, INCLUDING BASEMENTS. IN DWELLINGS WITH SPLIT LEVELS, A SMOKE DETECTOR NEED TO BE INSTALLED ONLY ON THE UPPER LEVEL PROVIDED THE LOWER LEVEL IS LESS THAN 1 FULL STORY BELOW THE UPPER LEVEL, UNLESS THERE IS A DOORSEPARATING THE LEVELS. IN WHICH CASE S DETECTOR IS REQUIRED ON BOTH LEVELS. ALL DETECTORS SHALL BE INTERCONNECTED SUCH THAT THE ACTUATION OF ONE ALARM WILL ACTUATE ALL THE ALARMS IN THE INDIVIDUAL UNIT PROVIDING AN ALARM WHICH WILL BE AUDIBLE IN ALL SLEEPING AREAS. REQUIRED SMOKE DETECTORS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHEN SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND WHEN PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN THOSE REQUIRED FOR OVERCURRENT PROTECTION. SEC. 316.1.
- REQUIRED SMOKE DETECTORS SHALL NOT BE LOCATED WITHIN KITCHENS OR GARAGES. IONIZATION SMOKE DETECTORS SHALL NOT BE LOCATED CLOSER THAN 3' HORIZONTALLY FROM THE DOOR TO A KITCHEN, THE DOOR TO A BATHROOM CONTAINING A TUB OR SHOWER, OR THE SUPPLY REGISTER OF A FORCE AIR HEATING OR COOLING SYSTEM. A SMOKE DETECTOR INSTALLED WITHIN 20' (DIRECT LINEAR PATH) OF A COOKING APPLIANCE SHALL BE PHOTOELECTRIC OR THE DETECTOR SHALL HAVE AN APPROVED ALARM SILENCING MEANS. SEC. 316.1
- FOR ANY ADDITIONAL OR ALTERATION REQUIRING A BUILDING PERMIT, THE ENTIRE BUILDING SHALL BE PROVIDED WITH SMOKE DETECTORS LOCATED AS REQUIRED FOR NEW BUILDINGS. SMOKE DETECTORS INSTALLED UNDER THIS PROVISION NEED NOT BE INTERCONNECTED UNLESS OTHER MODELING CONSIDERATIONS REQUIRE REMOVAL OF THE APPROPRIATE WALL AND CEILING COVERINGS TO FACILITATE CONCEALED INTERCONNECTED. SEC 316.1
- HEATING: EACH THERMOSTAT SHALL BE CAPABLE OF BEING LET FROM 58DEGREES F - 75 DEGREES F. COOLING EQUIPMENT: EACH THERMOSTAT SHALL BE CAPABLE OF BEING SET FOR 70 DEGREES F -85 DEGREES F ONLY. SEC. C501.3.1

STAIR NOTES

- PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDRAILS NOT LESS THAN 36" HEIGHT MEASURED VERTICALLY FROM THE NOSING OF THE TREADS. REQUIRED GUARDRAILS SHALL HAVE SUCH THAT A 4" DIAMETER SPHERE CANNOT PASS THROUGH. THE TRIANGULAR OPENINGS FORMED BY THE RISER, TREAD AND BOTTOM RAIL OF A GUARD AT THE OPEN SIDE OF A STAIRWAY MAY BE OF SUCH SIZE THAT SPHERE 4" INDIAMETER CANNOT PASS THROUGH.
- STAIR MAXIMUM RISER HEIGHT IS 8 1/4" AND MINIMUM TREAD DEPTH IS 9". STAIRS HAVING MORE THAN 3 RISERS REQUIRE A HANDRAIL. HANDRAILS ARE REQUIRED TO BE 36" IN HEIGHT ABOVE THE NOSING OF THE TREADS AND SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIR. ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. THE HANDICAP PORTION OF THE HANDRAIL SHALL BE NOT LESS THAN 1 1/4" NOR MORE THAN 2 5/8" IN CROSS-SECTION DIMENSION, OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IT SHALL HAVE A SMOOTH SURFACE WITH NO SHARP CORNERS. THE MINIMUM HEADROOM CLEARANCE IS 6'-8" MEASURED FROM THE NOSING OF THE TREADS. THE MINIMUM STAIRWAY WIDTH IS 3'. EXCEPT 30" IS ACCEPTABLE IF ANOTHER STAIRWAY 3' SIDE IS PROVIDED FROM THE FLOOR.
- WINDING STAIRS ARE REQUIRED TO HAVE A MINIMUM WIDTH OF TREAD NOT LESS THAN 6" AND AT LEAST 9" AT A POINT 12" FROM THE SIDE WHERE THE TREADS ARE NARROWER.
- SPIRAL STAIRS ARE REQUIRED TO HAVE A MINIMUM WIDTH OF 26" WITH EACH TREAD HAVING A 7 1/2" MINIMUM TREAD WIDTH AT 12" FROM THE NARROW EDGE. ALL TREADS SHALL BE IDENTICAL AND THE RISE SHALL BE NO MORE THAN 9 1/2". A MINIMUM HEADROOM OF 6' 6" IS REQUIRED.
- ENCLOSED ACCESSIBLE SPACE UNDER STAIRS SHALL HAVE WALLS AND SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 1/2" GYPSUM BOARD.
- INTERIOR STAIRS SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE LOCATED IN THE IMMEDIATE VICINITY OF EACH LANDING AT THE TOP AND BOTTOM OF THE STAIR. EXTERIOR STAIRS SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE LOCATED IN THE IMMEDIATE VICINITY OF THE TOP LANDING OF THE STAIR. CONTROLS FOR THE LIGHTING SHALL BE AS SPECIFIED IN THE ELECTRICAL CODE ART

FOUNDATION NOTES

- FOOTINGS ARE TO BEAR ON UNDISTURBED LEVEL SOIL DEVOID OF ANY ORGANIC MATERIALS AND STEPPED AS REQUIRED TO MAINTAIN THE REQUIRED DEPTH BELOW THE FINAL GRADE.
- SOIL BEARING PRESSURE ASSUMED TO BE 2000 PSI.
- ANY FILL UNDER GRADE SUPPORTED SLABS TO BE A MINIMUM OF 4" GRANULAR MATERIAL COMPACTED TO 95%.
- CONCRETE:
 - BASEMENT WALLS & FOUNDATIONS NOT EXPOSED TO WEATHER: 3000 PSI
 -BASEMENT & INTERIOR SLABS ON GRADE: 3000 PSI
 -BASEMENT WALLS & FOUNDATIONS EXPOSED TO THE WEATHER: 3000 PSI
 (AS PER U.B.C. APPENDEX CHPT. TABLE A-26-A)
- CONCRETE SIDEWALKS TO HAVE TOOLED JOINTS AT 5' O.C. (MINIMUM)
- REINFORCED STEEL TO BE A-615 GRADE 40. WELDED WIRE MESH TO BE A-185.
- COVER ENTIRE CRAWLSPACE WITH 6 MIL BLACK "VISQUEEN" AND EXTEND UP FDTN. WALLS TO P.T. MUDSILL.
- PROVIDE A MINIMUM OF 1 SQ. FT. OF VENTILATION AREA FOR EACH 150 SQ.FT. OF CRAWLSPACE AREA. VENTS ARE TO BE CLOSABLE WITH OPENINGS IN CORROSIVE RESISTANT SCREEN. POST NOTICE RE: OPENING VENTS ARE THE ELECTRICAL PANEL.
- ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED OR PROTECTED WITH 55# ROLL ROOFING.
- BEAM POCKETS IN CONCRETE TO HAVE 1/2" AIRSPACE AT SIDES AND ENDS WITH A MINIMUM BEARING OF 3".
- PROVIDE CRAWLSPACE DRAIN AS PER 2910 OF UBC.
- WATERPROOF BASEMENT WALLS BEFORE BACKFILLING PROVIDING A 4" PERFORATED DRAIN TILE BELOW THE TOP OF THE FOOTING.
- DAY STRENGTH AND NOT BEFORE STRUCTURAL FLOOR FRAMING (INCLUDING SUB-FLOOR) IS IN PLACE. (FRAMING MUST BE FULLY NAILED AND ANCHORED)
- ALL CONCRETE IN FOUNDATION SHALL DEVELOP A MIN. COMPRESSION STRENGTH OF 3000 PSI IN 28 DAYS.
- SINGLE STORY AND TWO STORY STRUCTURES SHALL HAVE A FOOTING 18" BELOW THE FINISHED GRADE LINE. A THREE STORY STRUCTURE SHALL HAVE A FOOTING AT 24" BELOW FINISHED GRADE

ARCHITECTURAL ABBREVIATIONS

A.B.	ANCHOR BOLT	O.C.	ON CENTERS
B.A.	BY AMENDMENT	OPG (OPNG)	OPENING
B.O.	BY OWNER	OPT	OPTIONAL
BTWN	BETWEEN	O.S.B.	ORIENTED STRAND BOARD
BSMT	BASEMENT	POLY	POLYETHYLENE
CLG	CEILING	PREFAB	PREFABRICATED
CL (CLO)	CLOSET	P.S.F.	POUNDS PER SQUARE INCH
CMU	CONCRETE MASONART UNIT (BLOCK)	P.S.F.	POUNDS PER SQUARE FOOT
CO	CARBON MONOXIDE DETECTOR	R.B&B	REVERSE BOARD AND BATTEN
CONC	CONCRETE	REBAR	REINFORCING BAR
DBL	DOUBLE	RET	RETENTION
DN	DOWN	S.A.S.	STOCK ABOVE SEAT
DF	DOUGLAS FIR	SD	SMOKE DETECTOR
EA	EACH	SP	SPRUCE-PINE FIR
HR	HOUR	SYP	SOUTHERN YELLOW PINE
L (LIN)	LINEN	STOR	STORAGE
LVL	LAMINATED VENEER LUMBER	S.W.S	SHEAR WALL SCHEDULE
MAX	MAXIMUM	TYP	TYPICAL
MIN	MINIMUM	U.N.O.	UNLESS NOTED OTHERWISE
M.O.	MASONRY OPENING	W/	WITH
		W.W.M.	WELDED WIRE MESH

BATHROOM NOTES

- THE CENTER LINE OF WATER CLOSET SHALL BE NOT LESS THAN 15" FROM ADJACENT WALLS/PARTITIONS OR 12" FROM A TUB. A MINIMUM 21" CLEARANCE IS REQUIRED IN FRONT OF WATER CLOSETS.
- SHOWER COMPARTMENTS SHALL HAVE AT LEAST 1,024 SQ. IN. OF FLOOR AREA AND BE OF SUFFICIENT SIZE TO ENCOMPASS A CIRCLE WITH A DIAMETER NOT LESS THAN 30".
- THE WALL AREA ABOVE BUILT-IN TUBS HAVING SHOWER HEADS AND IN SHOWER COMPARTEMNTS SHALL BE FINISHED WITH A SMOOTH, HARD AND NON-ABSORBENT SURFACE TO A HEIGHT OF NOT LESS THAN 6' ABOVE THE FLOOR. IF GYPSUM BOARD IS USED AS A BASE OR BACKER BOARD FOR ADHESIVE APPLICATION OF TILE OR SIMILAR MATERIAL, IT SHALL BE A TYPE MANUFACTURED FOR THAT USE.
- BATHROOMS AND WATER CLOSETS ROOMS SHALL BE PROVIDED WITH GLAZING NOT LESS THAN 3 SQ. FT., 1/2 OF WHICH MUST BE OPERABLE. OR A MECHANICAL VENTILATION SYSTEM. VENTILATION SHALL BE EITHER INTERMITTENT--50CFM OR CONTINUOUS 20CFM. FOR ROOMS LARGER THAN 75 SQ FT., THE INTERMITTENT VENTILATION SHALL PROVIDE 5 AIR CHANGES PER HOUR. VENTILATION SHALL BE EXHAUSTED DIRECTLY TO THE OUTSIDE.

INSULATION REQUIREMENTS

TABLE 301.1 CLIMATE ZONES BY COUNTY, ALL ZONES ARE CATEGORY "A" OR, MOIST DESIGNATIONS

Climate Zone 4			
Bronx	Nassau	Queens	Suffolk
Kings	New York	Richmond	Westchester
Climate Zone 5			
Albany	Erie	Ontario	Saratoga
Cavuga	Genesee	Orange	Schenectady
Chautauqua	Greene	Orleans	Seneca
Chemung	Livingston	Oswego	Tioga
Columbia	Monroe	Putnam	Washington
Cortland	Niagara	Rensselaer	Wayne
Dutchess	Onondaga	Rockland	Yates
Climate Zone 6			
Allegany	Franklin	Montgomery	Sullivan
Broome	Fulton	Oneida	Tompkins
Cattaraugus	Hamilton	Otsego	Ulster
Chenango	Herkimer	Schoharie	Warren
Clinton	Jefferson	Schuyler	Wyoming
Delaware	Lewis	St.	
		Lawrence	
Essex	Madison	Steuben	

402.1 General (Prescriptive).

- 402.1.1 Insulation and fenestration criteria.** The building thermal envelope shall meet the requirements of Table 402.1.1 based on the climate zone specified in [Chapter 3](#).

TABLE 402.1.1 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a

TABLE 402.1.3 EQUIVALENT U-FACTORS^a

CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT U-FACTOR	CEILING U-FACTOR	FRAME WALL U-FACTOR	MASS WALL U-FACTOR ^b	FLOOR U-FACTOR	BASEMENT WALL U-FACTOR	CRAWL SPACE WALL U-FACTOR
4	0.35	0.60	0.030	0.082	0.141	0.047	0.059	0.065
5	0.35	0.60	0.030	0.057	0.082	0.033	0.059	0.065
6	0.35	0.60	0.026	0.057	0.060	0.033	0.050	0.065

SCALE: NONE

DRAWN BY: KM DATE: 07-06-2011

REVISION: KM DATE: 08-07-2011

REVISION: DATE:

REVISION: DATE:

GENERAL NOTES

24' x 36' CHALET

SHEET NUMBER

A10