

Range Hoods	Vent Through Roof
All Bath Fans	Vent to Exterior
Dryer Vent	Vent to Exterior

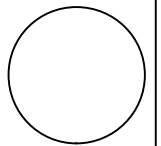
PROVIDE GALV. ROOF VENTS
ON BACKSIDE OF ROOFLINE
ABOVE CONDITIONED AREA.

HOUSE WALLS	20" x 9" Min
DECKS & PORCHES	18" x 9" Min
BEARING WALL	20" x 9" Min
GARAGE WALL	18" x 9" Min

Ceilings	R-38 Min
Wall above grade	R-19 Min
Wall interior below grade	R-13 Min

Living	_____
Dining	_____
Bathroom	_____
Kitchen	_____
Hall	_____
Closet	_____
Bedroom	_____
Loft	_____
All Other Areas	_____

Residential Design

SDS-CAD
Specialized Design Systems

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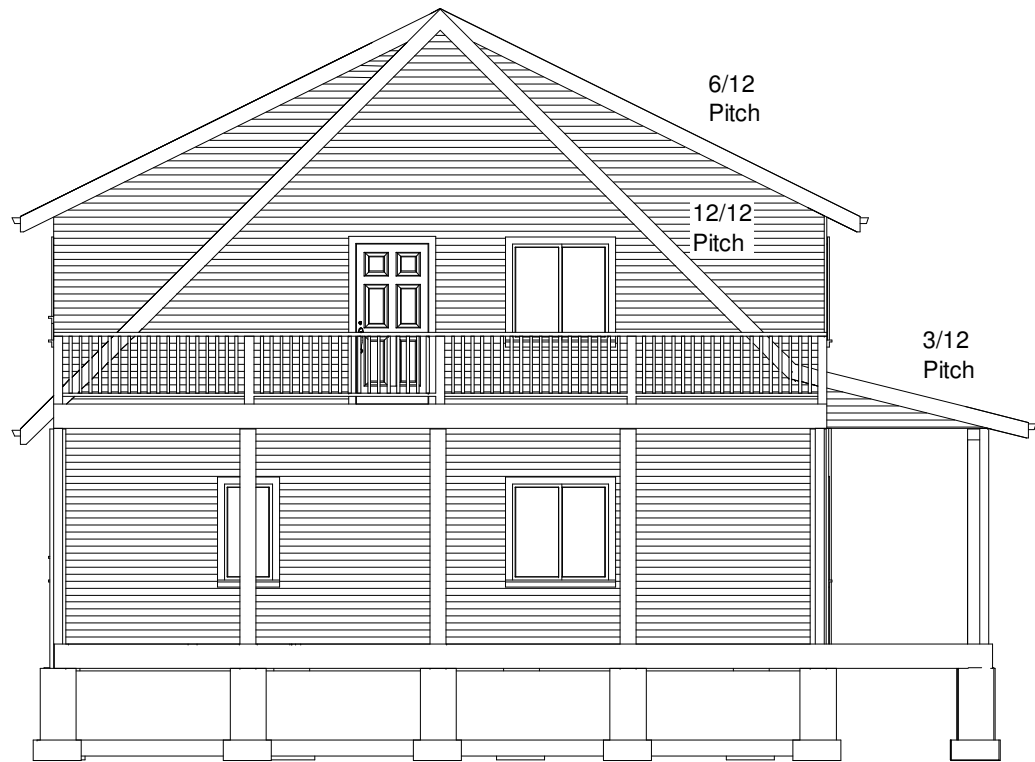
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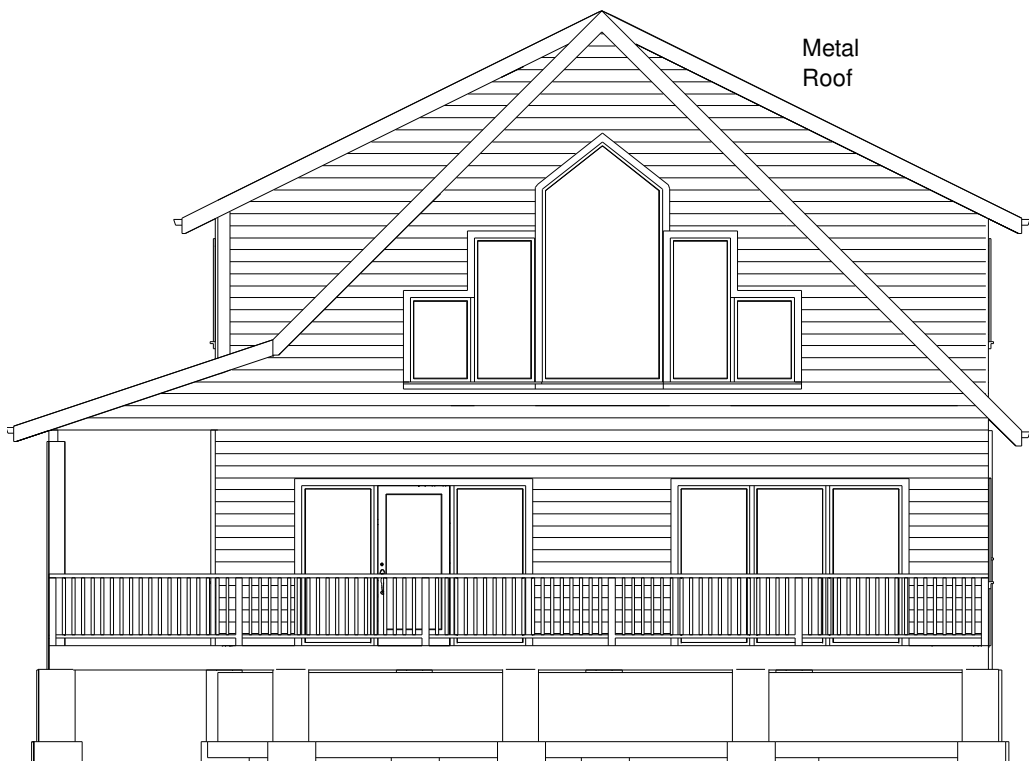
2
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10



REAR ELEVATION



LEFT ELEVATION



FRONT ELEVATION

SCALE 1/8"=1'

EXTERIOR TO
BE HORIZONTAL
LOG SIDING OR
AS PER HOME
OWNER



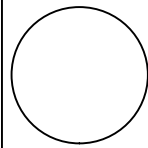
RIGHT ELEVATION

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Residential Design

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P O Box 374 Mendon, Utah www.sdscad.com email sdscad@pcu.net

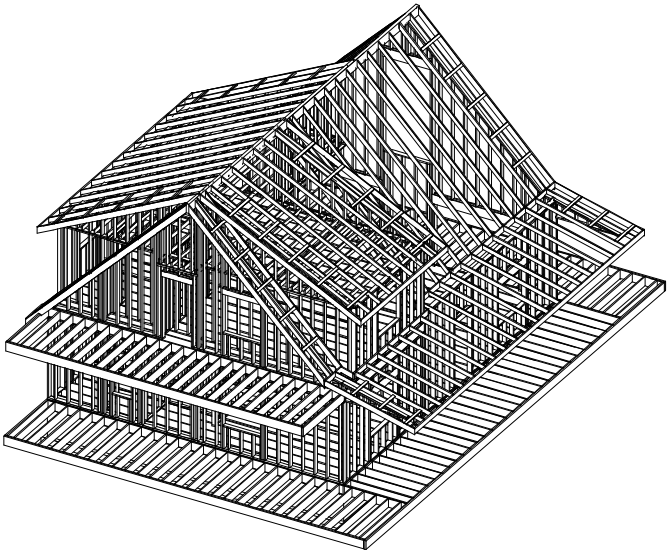


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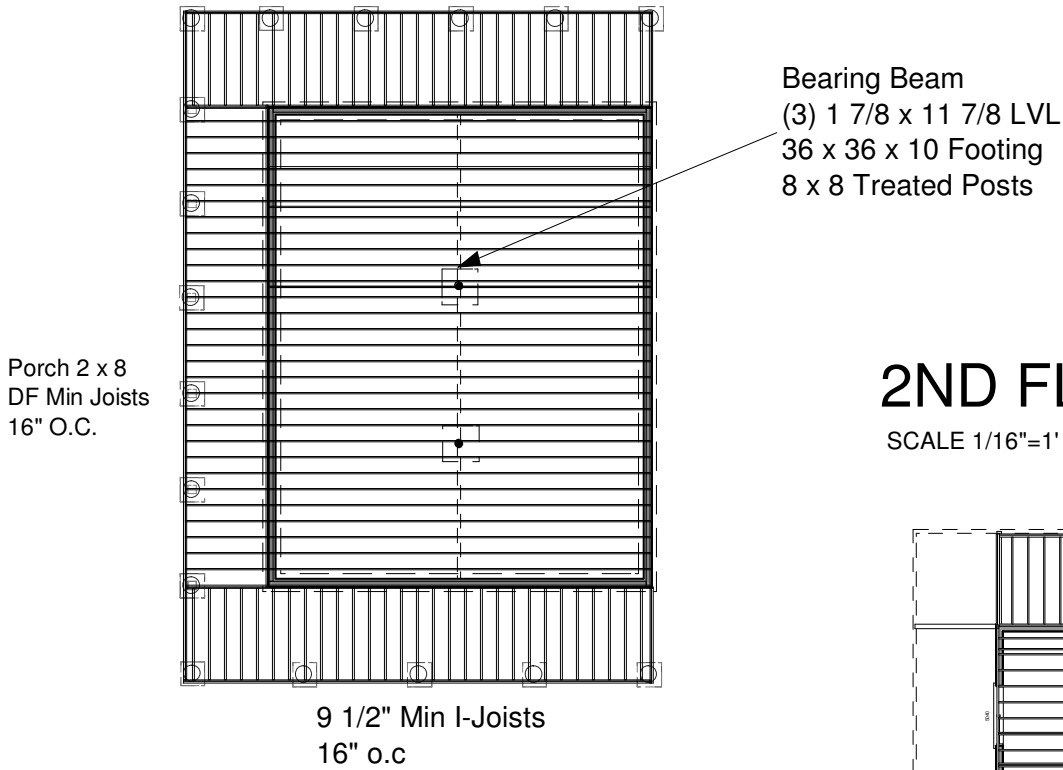
Roof Framing:

- 1. Fascia to be 2"x Douglas Fir.
- 2. For soffit size see details.
- 3. For spans and dimensions refer to floor plans.
- 4. 9 1/2 I-Joist Rrafters
- 5. Use Simpson H-1 hurricane anchors at each truss or rafter to wall connection.
- 6. Solid blocking required between joists, rafters, and trusses over all bearing walls.
Such blocking shall be 1 1/2" minimum thickness and full depth of joists, rafters, or trusses.
- 7. Minimum header sizes shall be according to the header size table unless otherwise noted.
- 8. Basis of design roof live/snow load of 37 psf, and roof dead load of 15 psf. or to Local Code
- 9. Plywood roof decking to be Min 1/2" thick, 24/0, CDX or 5/8 wafer.



MAIN FLOOR FRAMING

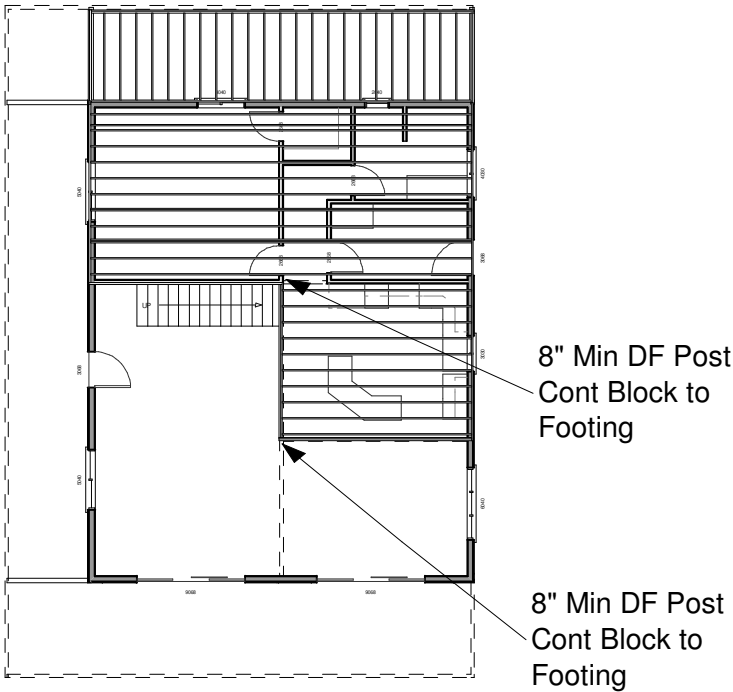
SCALE 1/16"=1'



SEE GENERAL SPECS AND
NOTES FOR FRAMING DETAILS

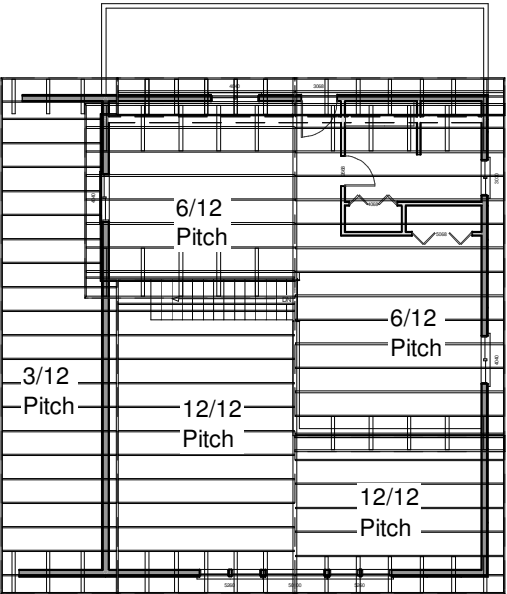
2ND FLOOR FRAMING

SCALE 1/16"=1'

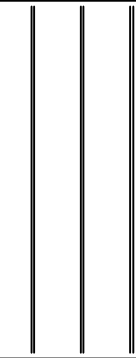
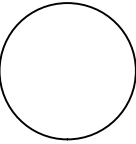


ROOF FRAMING

SCALE 1/16"=1'

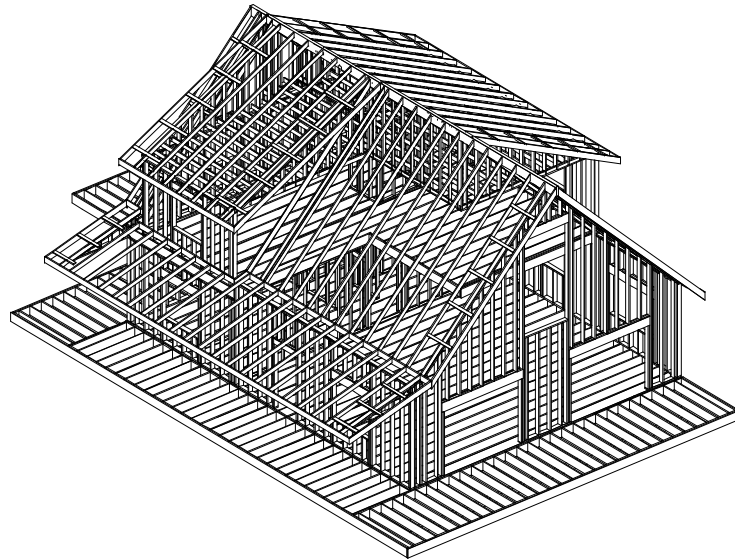


- 1. Continuous GLU LAM Ridge Beam to be sized by engineer
Max Free Span between posts15' and per local code
- 2. If not all valted attic access min 22 1/2" x 30" were most convenient. For all areas greater than 30"
- 3. Vaulted ceiling throughout with exposed beams
- 4. 12/12 Pitch over main area
- 5. 6/12 Pitch for shed dormers 3/12 Pitch Porches



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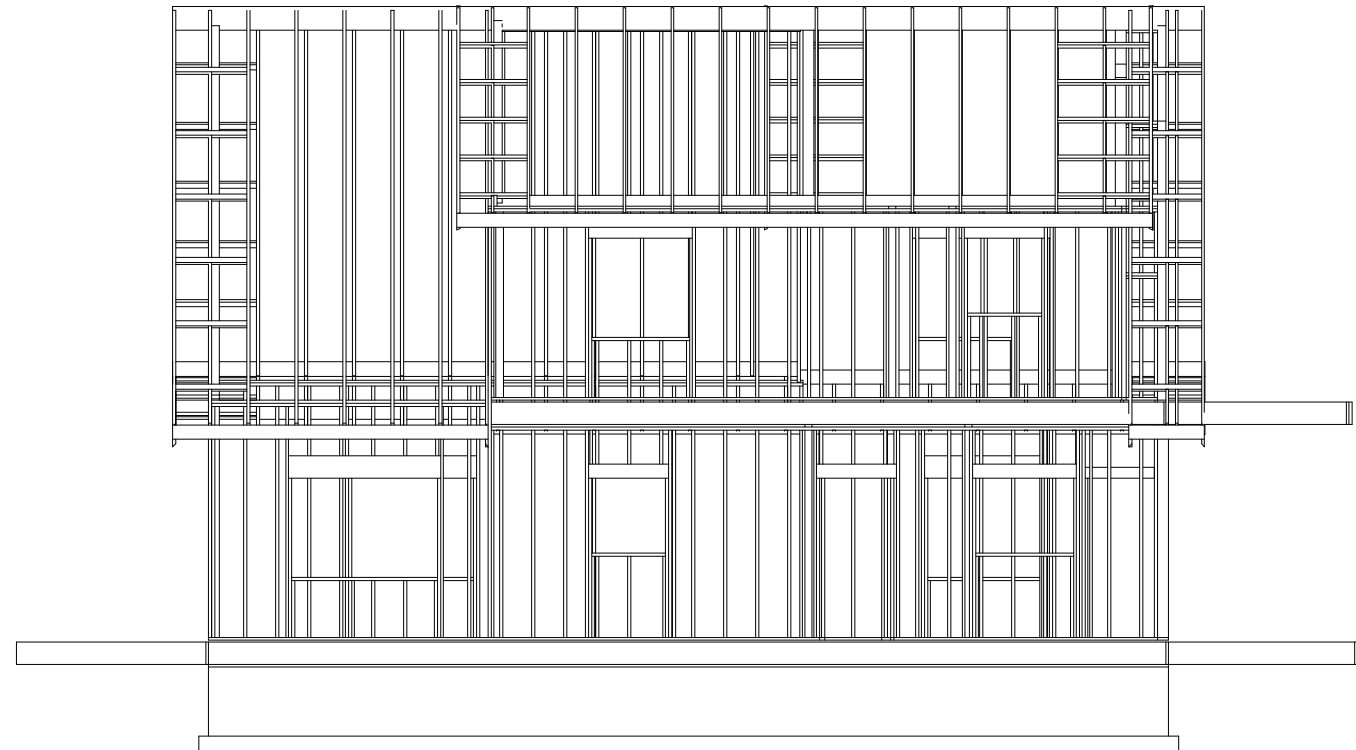
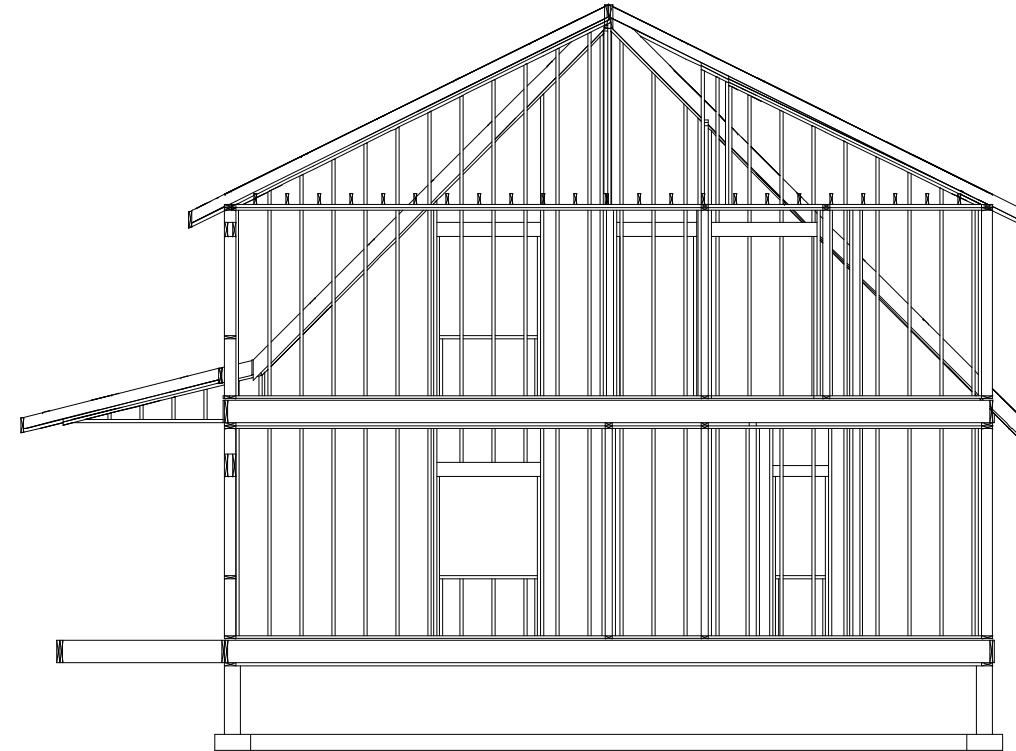


General framing: (Douglas Fir)

1. Minimum header sizes shall be according to the following table unless otherwise noted.
Header sizes (single story construction)
2'-0" to 4'-0" Span 2-2x4's
4' + to 6'-0" Span 2-2x6's
6' + to 8'-0" Span 2-2x8's
8' + to 10'-0" Span 2-2x10's
10' + to 12'-0" Span 2-2x12's
Header sizes (two story construction)
2'-0" to 3'-0" Span 2-2x4's
3' + to 5'-0" Span 2-2x6's
5' + to 7'-0" Span 2-2x8's
7' + to 8'-0" Span 2-2x10's
2. Brace all exterior walls and cross-stud partitions at each end of building and at least every 25' of length by one of the following:
 - a. Simpson WB 126 wall bracing with 3-16d nails at each end and 1-8d nails at each stud.
 - b. Plywood sheathing of a minimum thickness of 3/8 inch.
3. Fire stopping:
 - a. Fireblock stud spaces over 10' in height, furred spaces, soffits, drop ceilings, cove ceilings, stair stringers at top and bottom of run, bearing walls and ceiling joist lines, etc.
Firestopping shall consist of 2" nominal lumber.
 - b. Firestop openings around vents, pipes, ducts, chimneys, and fireplaces at ceiling and floor levels with approved noncombustible materials.
4. CDX plywood is not approved where exposed to weather, i.e., roof overhangs.
5. Exterior wall framing to be 2"x6" studs at 16" o.c. Interior wall, framing at non-bearing walls to be 2"x4" studs at 24" o.c. and at bearing walls 2"x4" studs at 16" o.c. with double top plate.
6. Shear wall to be 3/8" CDX plywood applied horizontally.
7. All stress grade lumber shall comply with WCLA specs and bear approval stamp on all pieces in place.
8. Framing lumber shall be Douglas Fir construction grade Fb 1450 or better unless otherwise noted.
9. Nailing to be per current U.B.C. unless otherwise noted.
10. All bearing partitions shall have double top plates.
11. Structural glued laminated timbers to be stamped by an approved agency.
12. Use redwood or pressure treated sole plates at all exterior walls.

Floor Framing:

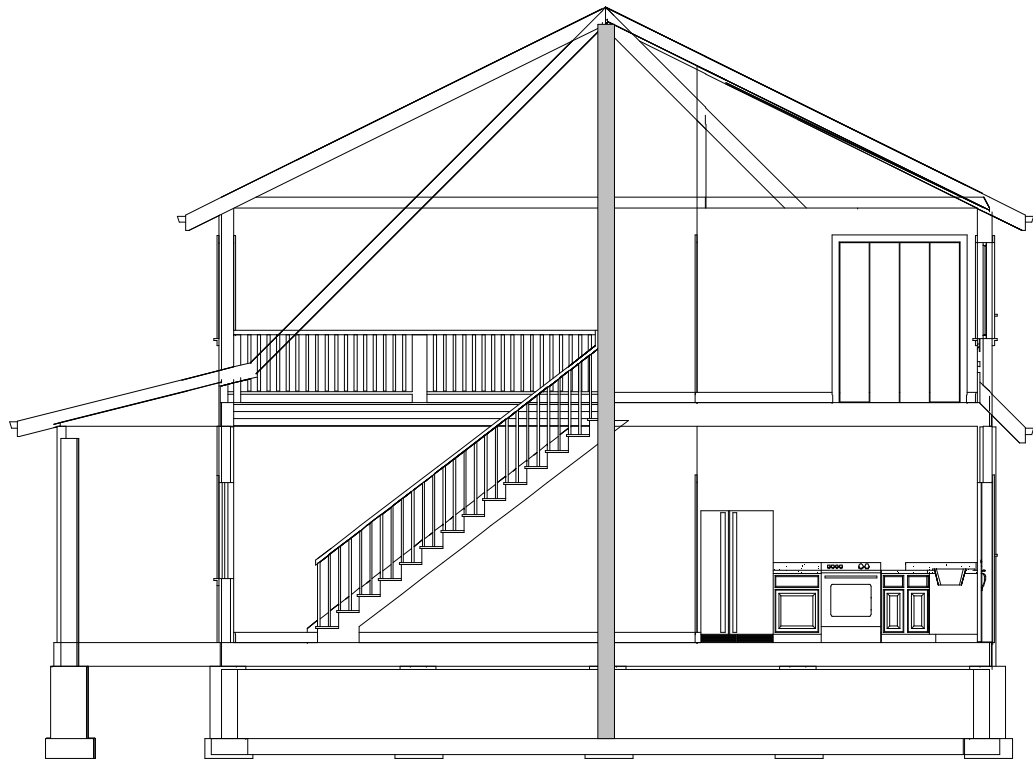
1. All floor joist to be Douglas Fir #2 or T.J.I. @ 16" o.c. unless otherwise noted.
2. For spans and dimensions refer to floor plans.
3. Use Simpson H 2.5 hurricane anchors at each floor joist to bearing wall connection.
4. Solid blocking between joists over all bearing walls, and midspans such blocking shall be 2" minimum thickness and full depth of joists.
5. Minimum header sizes shall be according to the header size table unless otherwise noted.
6. Basis of design: floor live load of 40 psf, and floor dead load of 15 psf.
7. Floor decking to be ¾" thick T & G wafer board.
8. Joist hangers to be Simpson U210 or equal unless otherwise noted.
9. Double joists and or double blocking at all interior walls.



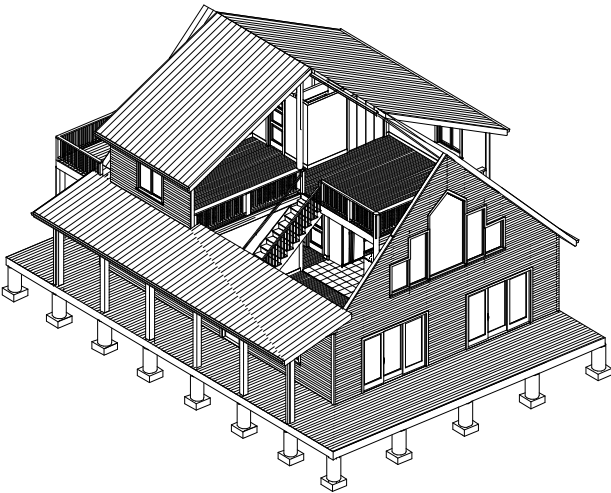
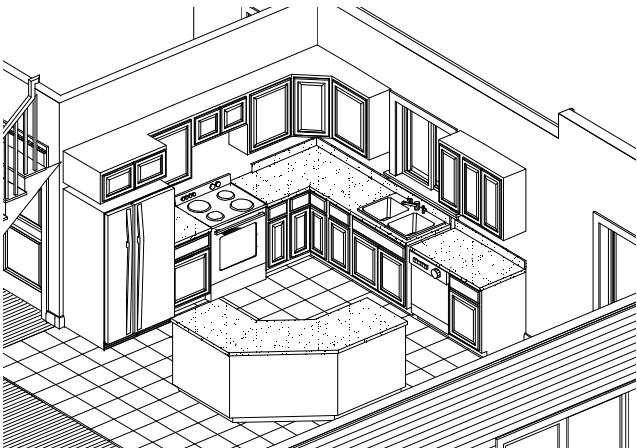
FULL HOUSE FRAMING SECTION

SCALE 1/8"=1'

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STAIR DETAILS

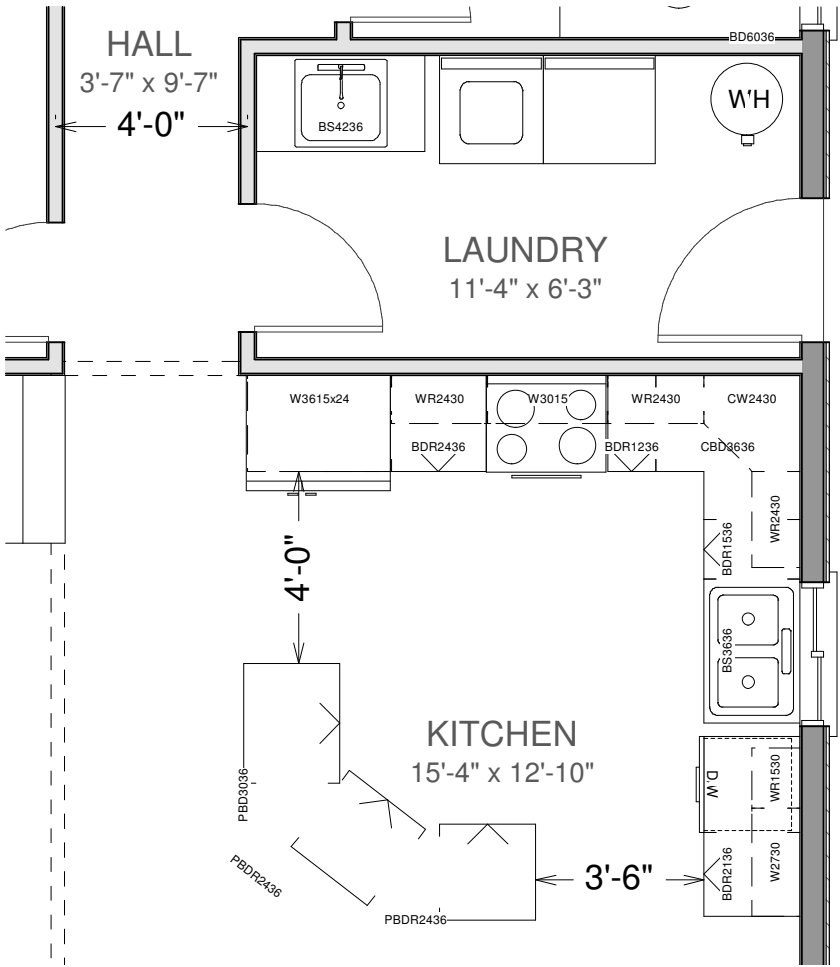


STAIR SPECIFICATIONS

1. Stairs to be constructed with the following materials:
2x6 kick plate anchor to concrete with expansion type anchor bolts,
2x12 treads nosing 1 1/8" minimum, 3-2x12 stringers required,
2x12 blocking, 3/4" wafer board risers and 2x6 ledger.
2. Handrail/Guardrails final style, material and color to be owner's choice. Design to be per code.
3. Guardrails to be 42" high minimum from floor.
4. Handrails to be 34"-38" above tread nosing.
5. Open railing to have intermediate rails or ornamental pattern such that a sphere 4" round cannot pass through.
6. Minimum stair requirements: maximum 8" rise, minimum 42" width, minimum 9" run, minimum head clearance 6'-8".
7. Preferred stair requirements: rise 7" to 7 1/2", run 11" to 12", minimum head clearance 7'-0".
8. Garage entrance stairs may be concrete or wood as per contractor/homeowner

CABINET SCHEDULE				
NUMBER	QTY	FLOOR	DIMENSIONS	DESCRIPTION
C01	1	2	39X24X36 "	BASE CAB
C02	1	2	30X24X36 "	BASE CAB
C03	1	1	60X24X36 "	BATH BASE CAB
C04	1	1	42X24X36 "	GAR. BASE CAB
C05	1	1	36X36X36 "	CRNR BASE CAB
C06	1	1	36X24X36 "	KIT. BASE CAB
C07	1	1	36X24X15 "	KIT. WALL CAB
C08	1	1	30X24X36 "	PEN BASE CAB
C09	1	1	30X12X15 "	KIT. WALL CAB
C10	1	1	27X12X30 "	KIT. WALL CAB
C11	2	1	24X24X36 "	PEN BASE CAB
C12	2	1	24X24X36 "	KIT. BASE CAB
C13	1	1	24X24X30 "	CRNR WALL CAB
C14	3	1	24X12X30 "	KIT. WALL CAB
C15	1	1	21X24X36 "	KIT. BASE CAB
C16	1	1	15X24X36 "	KIT. BASE CAB
C17	1	1	15X12X30 "	KIT. WALL CAB
C18	1	1	12X24X36 "	KIT. BASE CAB

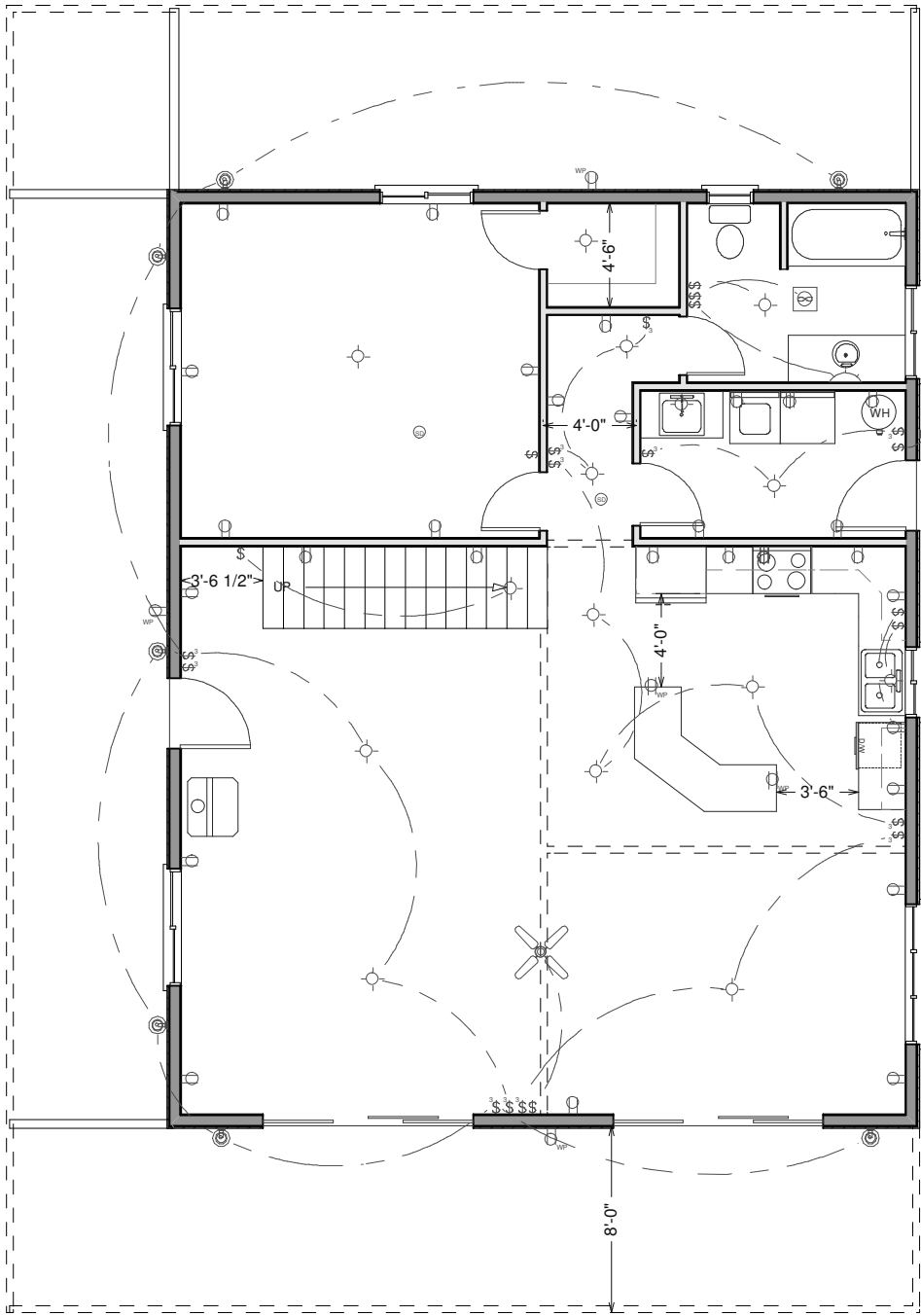
Kitchen layout and cabinets to be chosen by homeowner/Contractor basic layout for reference only. Measure after sheetrock is installed for correct sizing.



Cabinet Detail

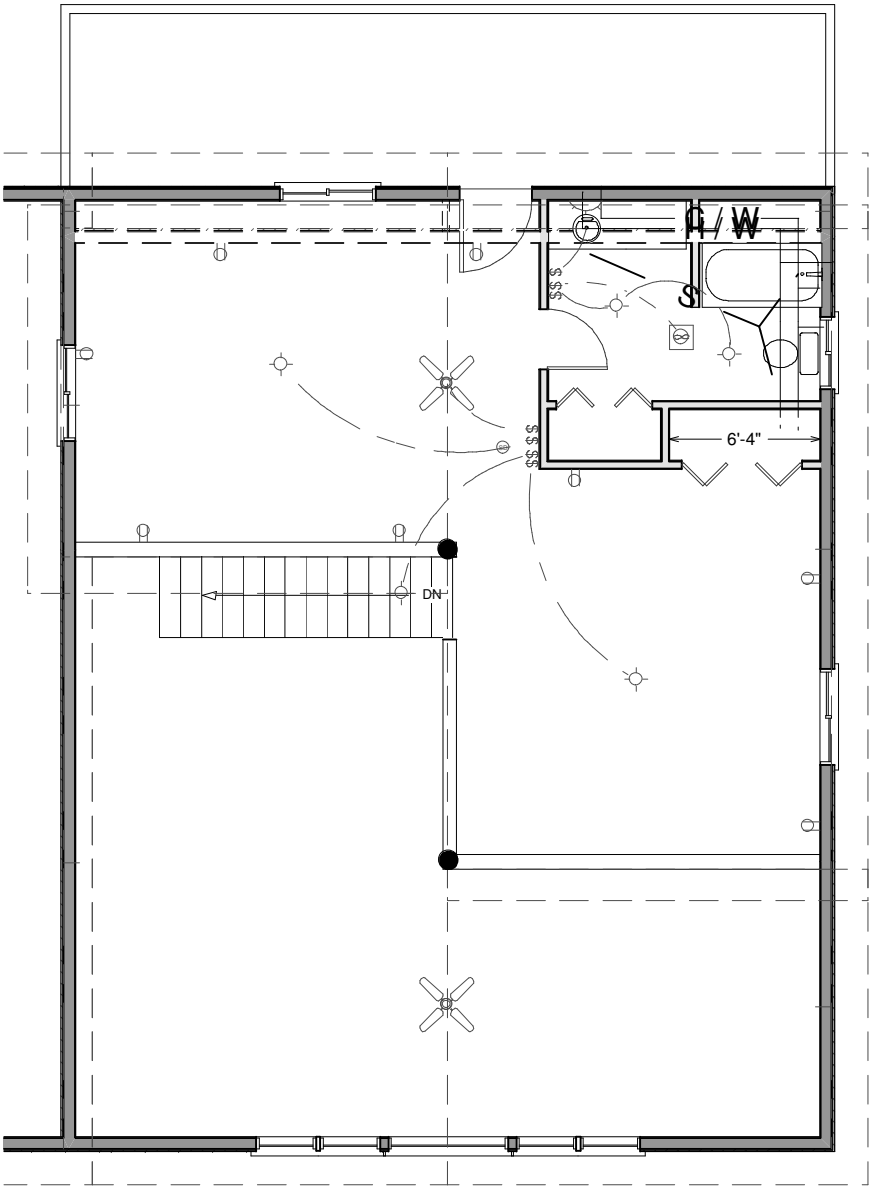
SCALE 1/4"=1'

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ELECTRICAL PLAN

SCALE 1/8"=1'

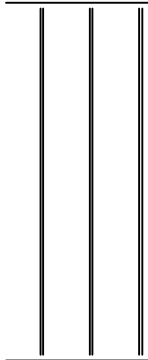
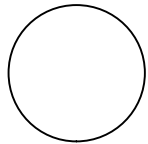


Electrical Systems:

1. Inspection is required prior to backfill of lines.
2. Provide 20 ft. of No. 4 copper wire as ground electrode in foundation footing.
3. Bond interior piping system with #8 bare copper.
4. Provide main jumping bond with #4 bare copper.
5. Electrical service is to be 200 amp service, 120/240 volt, 1 phase raintight, underground.
6. Provide separate 20 amp circuits to washer.
7. Provide 20 amp circuits to family and dining room, and a minimum of two 20 amp circuits to kitchen.
8. Prewire for TV, telephone in kitchen, family room, living room, and in every bedroom.
9. Install ground fault current interrupter on exterior, garage, kitchen, and bathroom convenience outlets.
10. Bottom half of outlet controlled by switch when shown.
11. All outlets in kitchen are to be at +44" excluding those for the refrigerator, range, disposal, and dishwasher.
12. Maximum spacing of outlets shall not exceed 12 ft. along wall line and at any wall over 24" wide in all rooms except kitchen, bath, utility, and garage.
13. Install light in walk-in closet 18" minimum horizontal from any shelf.
14. Provide a ventilation fan capable of producing a change of air every 12 minutes for bath or utility.
15. Provide smoke detector alarm conforming to Section 1210(A) U.B.C. and local building codes in every bedroom and on each floor.
16. All bedrooms and main rooms lighting fixtures boxes to be reinforced for possible ceiling fans
16. Switched Christmas Light Outlets in Eaves
17. Recessed Eave Lighting
16. CO2 Detector on each floor.

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	METER SOCKET
	PANEL BOX
	CEILING FAN W/ LIGHT
	FLUORESCENT LIGHT FIXTURE
	110V CEILING LIGHT FIXTURE
	110V RECESSED LIGHT FIXTURE
	110V EAVE LIGHT FIXTURE
	110V CHANDILIER LIGHT FIXTURE
	110V WALL LIGHT FIXTURE
	SINGLE POLE SWITCH
	THREE WAY SWITCH
	FOUR WAY SWITCH
	DIMMER SWITCH
	OUTDOOR SWITCH
	110V DUPLEX RECEPTACLE
	110V DUPLEX RECEPTACLE GROUND FAULT INTERRUPTED
	110V DUPLEX RECEPTACLE W/ WEATHERPROOF COVER
	110VFLOOR MOUNTED DUPLEX RECEPTACLE
	240V RECEPTACLE
	TELEPHONE JACKS
	TELEVISION JACKS
	DOOR BELL PUSH BUTTON
	THERMOSTAT
	SMOKE DETECTOR
	EXHAUST FAN
	DOOR CHIME
	FIRE ALARM PANEL
	COMPUTER POINT

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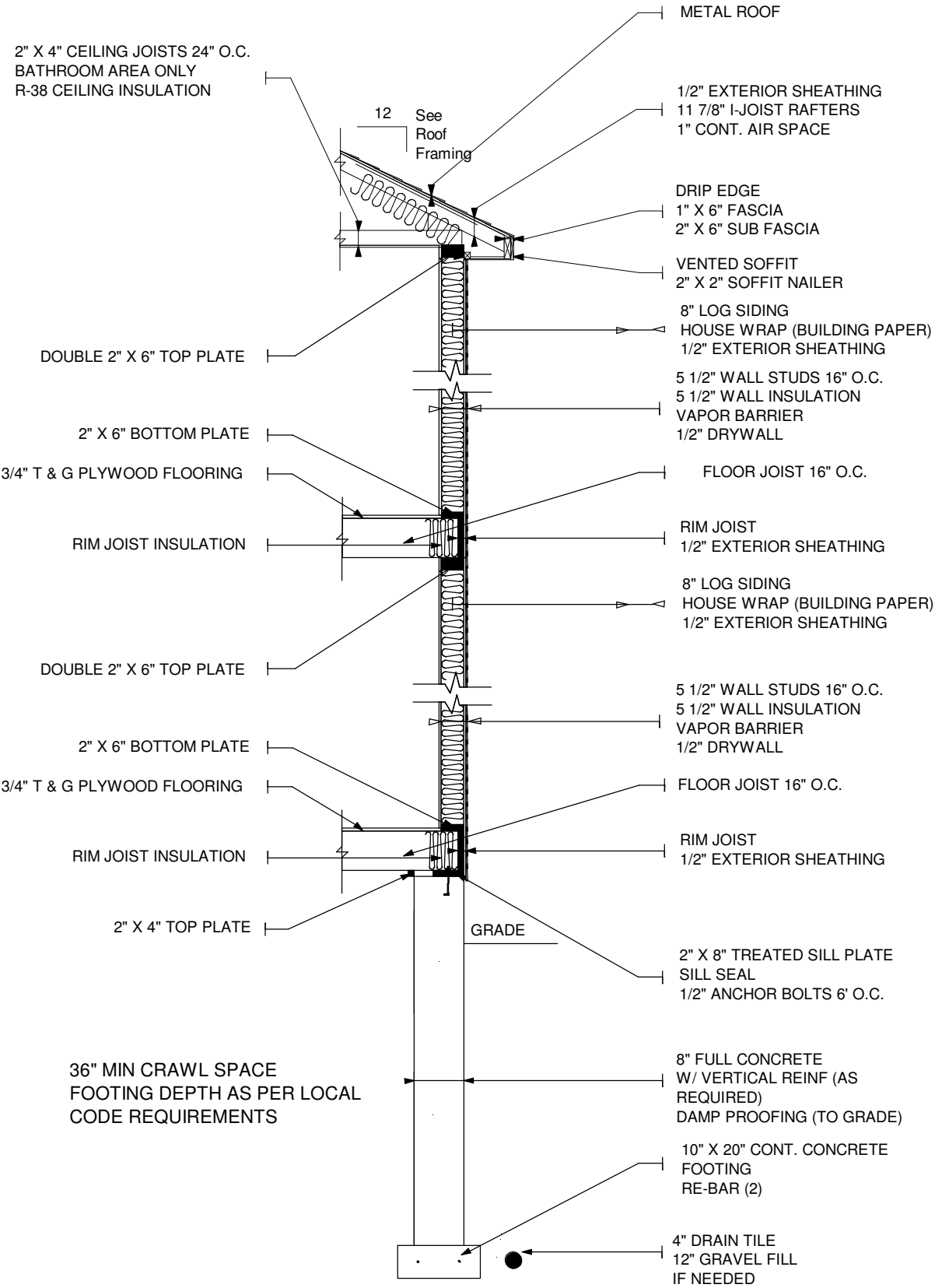
JOB NO.

SHEET NO.

DOOR SCHEDULE					
NUMBER	QTY	FLOOR	SIZE	DIMENSIONS	DESCRIPTION
D01	3	1	2668	30X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE
D02	1	1	2868	32X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE
D03	2	1	3068	36X80X1 3/4"	EXT. 6-PANEL
D04	2	1	9068	108X80"	EXT. TRIPLE SLIDER-GLASS
D05	1	2	2668	30X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE
D06	1	2	3068	36X80X1 3/4"	EXT. 6-PANEL
D07	1	2	4068	24X80"	BIFOLD
D08	1	2	5068	30X80"	BIFOLD

WINDOW SCHEDULE					
NUMBER	QTY	FLOOR	SIZE	DESCRIPTION	
W01	1	1	2040	FIXED GLASS	
W02	1	1	3030	LEFT SLIDING	
W03	1	1	4030	LEFT SLIDING	
W04	1	1	4040	LEFT SLIDING	
W05	2	1	5040	LEFT SLIDING	
W06	1	1	6040	TRIPLE CASEMNT-LHL/RHR	
W07	1	2	3030	LEFT SLIDING	
W08	3	2	4040	LEFT SLIDING	
W09	1	2	50100	FIXED GLASS-AT	
W10	2	2	5260	MULLED UNIT	

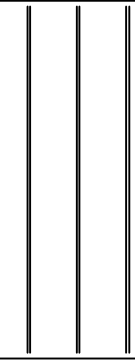
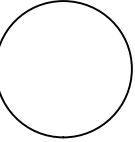
ELECTRICAL SCHEDULE			
NUMBER	QTY	FLOOR	DESCRIPTION
E01	15	1	HALF DOME LIGHT - LIGHTING GREY
E02	1	1	HALF CONE - LIGHTING GREY
E03	4	1	220V
E04	27	1	DUPLEX
E05	8	2	DUPLEX
E06	1	2	HALF CONE - LIGHTING GREY
E07	5	2	HALF DOME LIGHT - LIGHTING GREY
E08	2	2	CEILING FAN (LIGHTS)
E09	8	1	CAGED LANTERN
E10	9	1	SINGLE POLE
E11	12	1	THREE WAY
E12	2	1	SMOKE DETECTOR
E13	1	2	SMOKE DETECTOR
E14	5	1	DUPLEX (WEATHERPROOF) - COLOR LIGHT GRAY (MATTE)
E15	7	2	SINGLE POLE
E16	1	2	EXHAUST
E17	1	1	EXHAUST
E18	1	1	CEILING FAN (LIGHTS)



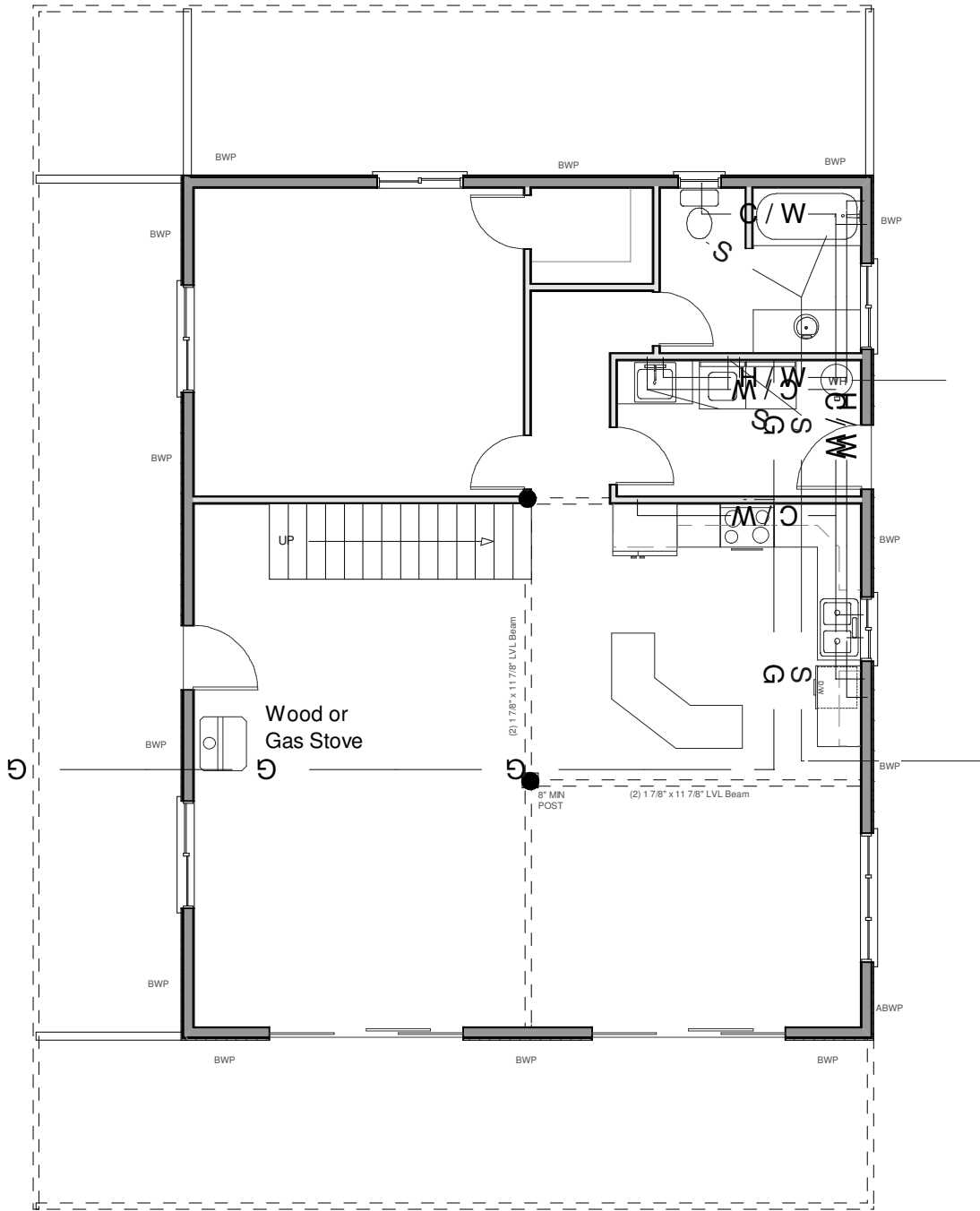
Typical 2 Story Section

Section 8

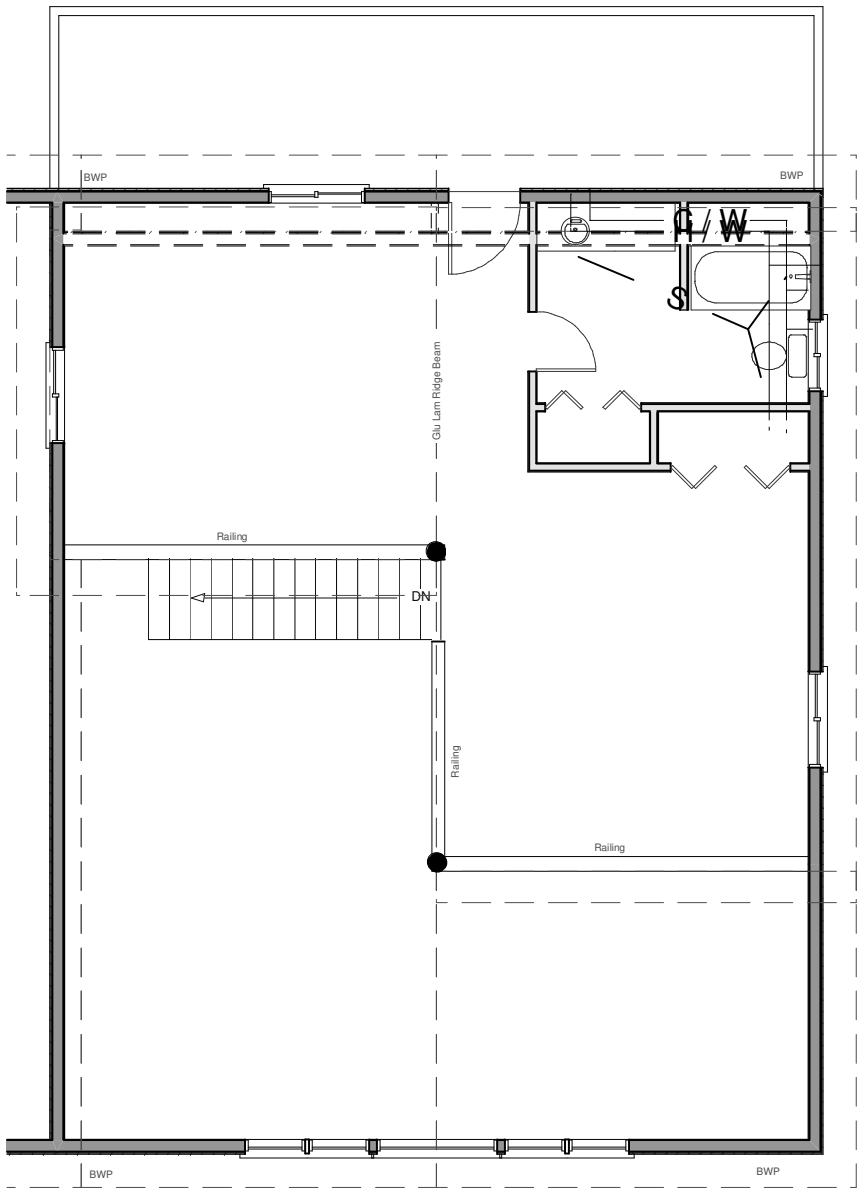
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Heat produced by central wood or gas stove installed per code and manufacture specifications. Vent pipe through roof unless direct venting allowed by manufacturer.
Ceiling fans on second floor to help with circulation and air flow.

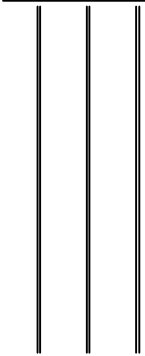
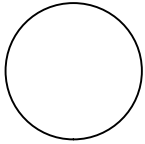


- PLUMBING:
1. INSPECTION IS REQUIRED PRIOR TO BACKFILL OF WATER, GAS AND SEWER LINES.
 2. INSTALL APPROVED AIR-GAP FITTINGS ON DISCHARGE SIDE OF DISHWASHER.
 3. ALL EQUIPMENT TO BE NEW AND OF EQUAL QUALITY AS SPECIFIED.
 4. AFTER THE PLUMBING SYSTEM INSTALLATION IS COMPLETED THE CONTRACTOR SHALL CONDUCT AN OPERATION TEST FOR APPROVAL.
 5. PLUMBING SHALL BE DESIGNED FOR WATER SOFTENING EQUIPMENT EXCEPT THAT RAW WATER LINES SHALL BE PROVIDED TO OUTSIDE HOSE BIBS. ONE ON FRONT AND REAR OF HOUSE
 7. ALL SHOWER HEADS ARE TO BE INSTALLED AT 6'-6" ABOVE FINISHED FLOOR OF SHOWER OR TUB.
 8. USE ABS FOR WASTE AND VENT PIPING AND COPPER OR OR PEX FOR WATER PIPING.
 9. PROVIDE HOT WATER RELIEF VALVE FOR WATER HEATER AND DRAIN.
 10. MAIN PLUMBING STACKS SHALL RUN UNDIMINISHED IN SIZE (3" MIN.) AND DIRECT AS POSSIBLE FROM THE MAIN DRAIN TO THE OPEN AIR ABOVE THE ROOF.
 11. TOILETS TO BE SET WITH A MIN. OF 15" FROM ITS CENTER TO A VERTICAL SURFACE (SEC. 907(C) U.P.C. & SEC. 511(A) CURRENT CODE)
 12. PLUMBING TO BE INSTALLED WITH DRAINS TO ALLOW FOR WINTERIZATION OF CABIN

FIXTURE SCHEDULE				
NUMBER	QTY	FLOOR	DIMENSIONS	DESCRIPTION
A01	1	1	26X27X42 "	WASHER
A02	1	1	28X27X42 "	DRYER (GAS)
A03	1	1	30X26X40 "	ELEC (MEDIUM)
A04	1	1	31X29X84 "	WOODSTOVE
A05	1	1	31X34X28 "	TOILET
A06	1	1	36X31X66 "	SIDE-BY-SIDE
A07	1	1	60X32X32 "	STANDARD TUB [60W]
A08	1	2	31X34X28 "	TOILET
A09	1	2	60X32X32 "	STANDARD TUB [60W]
A10	1	1	20X20X64 "	WATER HEATER 40G

HVAC AND PLUMBING

SCALE 1/8"=1'



CLIENT _____
DATE _____
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DATE _____
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	ID	Sub Cat	Fir	Size	Description	Count	Extra	Unit	Price	Tot Cost
1	General									
2	GN1		0	34 1/2 high wall	8" Concrete Stem Wall	141		0 ft		
3	GN2		0	18W18D	Vert (round)	17		0		
4	GN3		0	8W8D	Vert (round) - framing fir st	2		0		
5	GN4		1	108 high wall	Siding-6	71		0 ft		
6	GN5		1	120 high wall	Siding-6	71		0 ft		
7	GN6		1	108 high wall	Interior-4	78		0 ft		
8	GN7		1		heated ceiling area	666.00		0.00 sq ft		
9	GN8		1		heated floor area	1280.00		0.00 sq ft		
10	GN9		1		heated roof area	942.00		0.00 sq ft		
11	GN10		1		heated wall area	1077.00		0.00 sq ft		
12	GN11		1		heated glass area	203.00		0.00 sq ft		
13	GN12		1		heated door area	66.00		0.00 sq ft		
14	GN13		2	11 9/16 high wall	Siding-6	26		0 ft		
15	GN14		2	97 1/8 high wall	Siding-6	102		0 ft		
16	GN15		2	3 1/4 high wall	Siding-6	13		0 ft		
17	GN16		2	97 1/8 high wall	Interior-4	40		0 ft		
18	GN17		2	97 1/8 high wall	Copy of Siding-6	32		0 ft		
19	GN18		2	12 1/4 high wall	Siding-6	7		0 ft		
20	GN19		2	11 7/8 high wall	Siding-6	7		0 ft		
21	GN20		2	67 3/4 high wall	Interior-4	2		0 ft		
22	GN21		2		heated ceiling area	614.00		0.00 sq ft		
23	GN22		2		heated wall area	602.00		0.00 sq ft		
24	GN23		2		heated glass area	107.00		0.00 sq ft		
25	GN24		2		heated door area	20.00		0.00 sq ft		
26	GN25		3	47 3/8 high wall	Siding-6	16		0 ft		
27	GN26		3	46 7/8 high wall	Siding-6	16		0 ft		
28	GN27		3	92 3/4 high wall	Interior-4	13		0 ft		
29	GN28		3	47 3/4 high wall	Siding-6	16		0 ft		
30	GN29		3	91 7/16 high wall	Default (wood frame 16"OC	2		0 ft		
31	GN30		3	91 5/8 high wall	Siding-6	30		0 ft		
32	GN31		3	31 5/16 high wall	Siding-6	11		0 ft		
33	GN32		3	67 1/8 high wall	Siding-6	1		0 ft		
34	GN33		3	46 3/8 high wall	Interior-4	2		0 ft		
35									Subtotal:	
36	Foundation									
37	FO1		0	8" thick	Concrete Grey	10.02		0.00 cu yd		
38	FO2		0	1/2x6"	foam sill seal	141		0 ft		
39	FO3		0		foundation bolts	28		0		
40	FO4		0	18x8"h	concrete footing	5.24		0.00 cu yd		
41	FO5		0	no. 4	rebar (footing)	299		0 ft		
42	FO6		0	no. 4	horiz. rebar (wall)	1195		0 ft		
43	FO7		0	no. 4	vert. rebar (wall)	414		0 ft		
44	FO8		0	4" thick	- concrete grey	0.22		0.00 cu yd		
45									Subtotal:	
46	Subfloor									
47	SF1		1	4'x8'x3/4"	Sheet Plywood	40		0		
48	SF2		1	2x6"-16'+	mudsill - lumber	142		0 ft		
49	SF3		1	2x12"-16'+	rim joists - lumber	157		0 ft		
50	SF4		1	2x12"-32'	floor joists - lumber	29		0		
51	SF5		1	2x12"-16'+	mudsill - lumber	127		0 ft		
52	SF6		2	4'x8'x3/4"	Sheet Plywood	30		0		
53	SF7		2	2x12"-18'	rim joists - lumber	3		0		
54	SF8		2	2x12"-16'	rim joists - lumber	1		0		
55	SF9		2	2x12"-16'+	rim joists - lumber	123		0 ft		
56	SF10		2	2x12"-14'	rim joists - lumber	2		0		
57	SF11		2	2x12"-16'	floor joists - lumber	10		0		
58	SF12		2	2x12"-32'	floor joists - lumber	12		0		
59	SF13		2	2x12"-16'+	floor joists - lumber	167		0 ft		
60	SF14		2	2x12"-16'+	mudsill - lumber	95		0 ft		
61	SF15		2	2x6"-16'	ceiling joists - lumber	2		0		
62	SF16		2	2x6"-16'+	ceiling joists - lumber	3		0 ft		
63	SF17		2	2x6"-18'	ceiling joists - lumber	2		0		
64	SF18		2	2x6"-28'	ceiling joists - lumber	12		0		
65	SF19		2	2x6"-14'	ceiling joists - lumber	11		0		
66									Subtotal:	
67	Framing									
68	F1		1	2x6-16ft+	fir plate	484		0 ft		
69	F2		1	2x6"-103 1/2"	fir stud	63		0		
70	F3		1	2x6-16ft+	fir stud stock	726		0 ft		
71	F4		1	2x4"-103 1/2"	fir stud	78		0		
72	F5		1	2x7-16ft+	header - lumber	37		0 ft		
73	F6		1	2x6-16ft+	header - lumber	28		0 ft		
74	F7		1	2x6"-212 5/8"	fir stud	1		0		
75	F8		1	2x6"-115 1/2"	fir stud	7		0		
76	F9		1	2x6"-16 3/4"	fir stud	3		0		
77	F10		1	2x11-16ft+	header - lumber	45		0 ft		
78	F11		1	2x12-16ft+	header - lumber	38		0 ft		
79	F12		1	2x6"-125 5/8"	fir stud	18		0		
80	F13		1	2x6"-38 7/8"	fir stud	3		0		
81	F14		1	2x4-16ft+	fir plate	231		0 ft		
82	F15		1	2x4"-18 1/2"	fir stud	9		0		
83	F16		1	2x4-16ft+	fir stud stock	40		0 ft		
84	F17		2	2x6-7 1/16"	Framing Fir Stud 16" OC	25		0		
85	F18		2	2x6-16ft+	fir plate	597		0 ft		
86	F19		2	2x6-92 5/8"	Framing Fir Stud 16" OC	15		0		
87	F20		2	2x6-16ft+	fir stud stock	366		0 ft		
88	F21		2	4x12"	door/window header	17		0 ft		
89	F22		2	2x6--1 1/4"	Framing Fir Stud 16" OC	12		0		
90	F23		2	2x6"-92 5/8"	fir stud	64		0		

	ID	Sub Cat	Fir	Size	Description	Count	Extra	Unit	Price	Tot Cost
91	F24		2	2x6"-5 7/8"	fir stud	3	0			
92	F25		2	2x4-16ft+	fir stud stock	38	0 ft			
93	F26		2	2x7-16ft+	header - lumber	48	0 ft			
94	F27		2	2x4-16ft+	fir plate	122	0 ft			
95	F28		2	2x4"-92 5/8"	fir stud	46	0			
96	F29		2	2x4"-7 5/8"	fir stud	2	0			
97	F30		2	2x6-16ft+	header - lumber	6	0 ft			
98	F31		2	2x4"-1 7/8"	fir stud	4	0			
99	F32		2	2x11-16ft+	header - lumber	11	0 ft			
100	F33		2	2x4"-5 7/8"	fir stud	4	0			
101	F34		2	2x4"-59 1/4"	fir stud	3	0			
102	F35		3	2x6-16ft+	fir plate	220	0 ft			
103	F36		3	2x6-16ft+	fir stud stock	285	0 ft			
104	F37		3	2x4-16ft+	fir plate	45	0 ft			
105	F38		3	2x4"-88 1/4"	fir stud	1	0			
106	F39		3	2x4"-85 7/8"	fir stud	10	0			
107	F40		3	2x4"-85 3/16"	fir stud	3	0			
108	F41		3	2x4"-39 3/8"	fir stud	3	0			
109									Subtotal:	
110	Siding									
111	S1		1	11 1/2" wide	Siding Wood Pine	1164	0 ft			
112	S2		1	4'x8'x5/8"	Sheet Plywood-hrz	44	0			
113	S3		1		house wrap	4466.00	0.00 sq ft			
114	S4		1	4x8' sheets	sheathing	55	0			
115	S5		1		exterior siding	1682.00	0.00 sq ft			
116	S6		2	11 1/2" wide	Siding Wood Pine	671	0 ft			
117	S7		2	4'x8'x5/8"	Sheet Plywood-hrz	25	0			
118	S8		2		house wrap	1526.00	0.00 sq ft			
119	S9		3	11 1/2" wide	Siding Wood Pine	386	0 ft			
120	S10		3	4'x8'x5/8"	Sheet Plywood-hrz	11	0			
121	S11		3	4'x8'x1/2"	Sheet Sheetrock	4	0			
122									Subtotal:	
123	Ext Trim									
124	EX1		0	10" thick	Concrete Grey	2.04	0.00 cu yd			
125	EX2		1	1x4-16ft+	exterior sill	33	0 ft			
126	EX3		1	1x4-16ft+	ext. window casing	89	0 ft			
127	EX4		1	1x7-36"	door threshold	2	0			
128	EX5		1	1x4-16ft+	ext. door casing	82	0 ft			
129	EX6		1	7 in	ext. door jamb	82	0 ft			
130	EX7		1	1x7-108"	door threshold	2	0			
131	EX8		2	1x4-16ft+	exterior sill	34	0 ft			
132	EX9		2	1x4-16ft+	ext. window casing	110	0 ft			
133	EX10		2	1x7-36"	door threshold	1	0			
134	EX11		2	1x4-16ft+	ext. door casing	17	0 ft			
135	EX12		2	7 in	ext. door jamb	17	0 ft			
136									Subtotal:	
137	Roofing									
138	R1		1	90 deg. bend	roof/wall flashing	84	0 ft			
139	R2		1	bend to slope	roof/wall flashing	0	0 ft			
140	R3		1		ridge cap	52	0 ft			
141	R4		1		Roofing Standing Seam	2310.00	0.00 sq ft			
142	R5		1	4x8' sheets	roof sheathing	73	0			
143	R6		1	2x6" 16" OC	rafters - fir	2134	0 ft			
144	R7		1	2x8"	gable fascia	283	0 ft			
145	R8		1	2x8"	eave fascia	118	0 ft			
146	R9		1		metal drip edge	402	0 ft			
147	R10		1		gutter	118	0 ft			
148	R11		1		downspout	6	0			
149	R12		2	2x8"-16'+	ridge board - lumber	126	0 ft			
150	R13		2	2x8"-14'	ridge board - lumber	1	0			
151	R14		2	2x6"-10'	rafters - lumber	21	0			
152	R15		2	2x8"-44'	rafters - lumber	1	0			
153	R16		2	2x8"-12'	rafters - lumber	2	0			
154	R17		2	2x4"-16'+	rafters - lumber	172	0 ft			
155	R18		2	2x8"-16'+	rafters - lumber	6	0 ft			
156	R19		2	2x8"-14'	rafters - lumber	2	0			
157	R20		2	2x6"-22'	rafters - lumber	15	0			
158	R21		2	2x8"-22'	rafters - lumber	4	0			
159	R22		2	2x6"-26'	rafters - lumber	8	0			
160	R23		2	2x8"-26'	rafters - lumber	4	0			
161	R24		2	2x6"-20'	rafters - lumber	22	0			
162	R25		2	2x8"-30'	rafters - lumber	1	0			
163	R26		2	2x8"-20'	rafters - lumber	4	0			
164	R27		2	2x8"-18'	rafters - lumber	1	0			
165	R28		2		Cannot find: R, 19 - lumber	1	0			
166									Subtotal:	
167	Insulation									
168	IN1		1	12x16x48" batts	ceiling insulation	124	0			
169	IN2		1	12x16x48" batts	floor insulation	240	0			
170	IN3		1	12x24x48" batts	roof insulation	117	0			
171	IN4		1	6x16x93" batts	wall insulation	99	0			
172	IN5		2	12x16x48" batts	ceiling insulation	115	0			
173	IN6		2	6x16x93" batts	wall insulation	56	0			
174									Subtotal:	
175	Flooring									
176	FL1		1	2 1/4" wide	Flooring Oak-Golden	4485	0 ft			
177	FL2		1	12x12x1/4	Tile Tan	317	0			
178	FL3		1	5 1/2" wide	Deck Plank 2x6	1949	0 ft			
179	FL4		2	2 1/4" wide	Flooring Oak-Golden	2967	0 ft			
180	FL5		2	12x12x1/4	Tile Tan	69	0			

	ID	Sub Cat	Fir	Size	Description	Count	Extra	Unit	Price	Tot Cost
181	FL6		2	5 1/2" wide	Deck Plank 2x6	528		0 ft		
182									Subtotal:	
183	Wall Brd									
184	WB1		0	4'x8'x3/4"	Sheet Sheetrock	6		0		
185	WB2		1	4'x8'x1/2"	Sheet Sheetrock	85		0		
186	WB3		1	4'x8'x3/4"	Sheet Sheetrock	87		0		
187	WB4		1		Color Bone White	631.00		0.00 sq ft		
188	WB5		1	4'x8'x1/2"	(wp) - sheet sheetrock	4		0		
189	WB6		2	4'x8'x1/2"	Sheet Sheetrock	52		0		
190	WB7		2	11 1/2" wide	Siding Wood Pine	292		0 ft		
191	WB8		2	4'x8'x5/8"	Sheet Plywood-hrz	8		0		
192	WB9		2		Color Bone White	619.00		0.00 sq ft		
193	WB10		2	4'x8'x3/4"	Sheet Sheetrock	21		0		
194	WB11		2	4'x8'x1/2"	(wp) - sheet sheetrock	2		0		
195	WB12		3	4'x8'x1/2"	Sheet Sheetrock	15		0		
196									Subtotal:	
197	Windows									
198	W1		1	48x48	left sliding	1		0		
199	W2		1	24x48	fixed glass	1		0		
200	W3		1	48x36	left sliding	1		0		
201	W4		1	36x36	left sliding	1		0		
202	W5		1	72x48	triple casemnt-lhl/rhr	1		0		
203	W6		1	60x48	left sliding	2		0		
204	W7		2	62x72-mu	mulled unit	2		0		
205	W8		2	60x120	fixed glass-at	1		0		
206	W9		2	48x48	left sliding	3		0		
207	W10		2	36x36	left sliding	1		0		
208									Subtotal:	
209	Doors									
210	D1		1	36x80x1 3/4L	ext. 6-Panel	1		0		
211	D2		1		handle: Lever (decorative)	4		0		
212	D3		1		handle: Exterior Handle (ex	4		0		
213	D4		1		lock: Dead Bolt (interior)	4		0		
214	D5		1		lock: Dead Bolt (exterior)	4		0		
215	D6		1		hinge: hidden	14		0		
216	D7		1	108x80	ext. triple slider-glass	2		0		
217	D8		1	36x80x1 3/4R	ext. 6-Panel	1		0		
218	D9		1	30x80x1 3/8L	3 Panel Door - color brite v	1		0		
219	D10		1	30x80x1 3/8R	3 Panel Door - color brite v	2		0		
220	D11		1	32x80x1 3/8R	3 Panel Door - color brite v	1		0		
221	D12		2	36x80x1 3/4R	ext. 6-Panel	1		0		
222	D13		2		handle: Lever (decorative)	1		0		
223	D14		2		handle: Exterior Handle (ex	1		0		
224	D15		2		lock: Dead Bolt (interior)	1		0		
225	D16		2		lock: Dead Bolt (exterior)	1		0		
226	D17		2		hinge: hidden	5		0		
227	D18		2	30x80x1 3/8R	3 Panel Door - color brite v	1		0		
228	D19		2	30x80	bifold	1		0		
229	D20		2	24x80	bifold	1		0		
230									Subtotal:	
231	Cabinets									
232	C1		1	CBD3636	crnr base cab	1		0		
233	C2		1	10 1/4x6"	kit. cab. drawer	2		0		
234	C3		1	21W1D	RP-2-REC	27		0		
235	C4		1		hidden cab. hinge	54		0		
236	C5		1		countertop - countertop pe	48.00		0.00 sq ft		
237	C6		1		front cap (kit.)	38		0 ft		
238	C7		1		backsplash (kit.)	14		0 ft		
239	C8		1	BS3636	kit. base cab	1		0		
240	C9		1	34x6"	kit. cab. drawer	1		0		
241	C10		1		countertop - countertop pe	4.00		0.00 sq ft		
242	C11		1		countertop front cap	4		0 ft		
243	C12		1		backsplash	2		0 ft		
244	C13		1	BDR2436	kit. base cab	1		0		
245	C14		1	22x6"	kit. cab. drawer	3		0		
246	C15		1	BDR2136	kit. base cab	1		0		
247	C16		1	19x6"	kit. cab. drawer	1		0		
248	C17		1	PBDR2436	pen base cab	2		0		
249	C18		1	PBD3036	pen base cab	1		0		
250	C19		1	28x6"	kit. cab. drawer	1		0		
251	C20		1	BDR1236	kit. base cab	1		0		
252	C21		1	10x6"	kit. cab. drawer	1		0		
253	C22		1	BD6036	bath base cab	1		0		
254	C23		1	58x6"	bath cab. drawer	1		0		
255	C24		1		countertop - countertop pe	10.00		0.00 sq ft		
256	C25		1		front cap (bath)	7		0 ft		
257	C26		1		backsplash (bath)	5		0 ft		
258	C27		1	41x12 in	shelf & rod	1		0		
259	C28		1	67x12 in	shelf & rod	1		0		
260	C29		1	BS4236	gar. base cab	1		0		
261	C30		1	40x6"	utility cab. drawer	1		0		
262	C31		1		countertop - countertop pe	7.00		0.00 sq ft		
263	C32		1		front cap (utility)	6		0 ft		
264	C33		1		backsplash (utility)	3		0 ft		
265	C34		1	BDR1536	kit. base cab	1		0		
266	C35		1	13x6"	kit. cab. drawer	1		0		
267	C36		1	CW2430	crnr wall cab	1		0		
268	C37		1	WR2430	kit. wall cab	3		0		
269	C38		1	W3615x24	kit. wall cab	1		0		
270	C39		1	W2730	kit. wall cab	1		0		

	ID	Sub Cat	Flr	Size	Description	Count	Extra	Unit	Price	Tot Cost
271	C40		1	WR1530	kit. wall cab	1	0			
272	C41		1	W3015	kit. wall cab	1	0			
273	C42		2	BD3936	base cab	1	0			
274	C43		2	37x6"	cab. drawer	1	0			
275	C44		2	21W1D	RP-2-REC	4	0			
276	C45		2		hidden cab. hinge	8	0			
277	C46		2		countertop - countertop pe	12.00	0.00	sq ft		
278	C47		2		countertop front cap	8	0	ft		
279	C48		2		backsplash	6	0	ft		
280	C49		2	BD3036	base cab	1	0			
281	C50		2	28x6"	cab. drawer	1	0			
282									Subtotal:	
283	Int Trim									
284	T1		1	1x4-16ft+	window apron	33	0	ft		
285	T2		1	1x4-16ft+	sill	33	0	ft		
286	T3		1	1x4-16ft+	interior casing	308	0	ft		
287	T4		1	4 in	interior jamb	68	0	ft		
288	T5		1	43x11 7/16-1"	stair tread	14	0			
289	T6		1	43x8"	riser	14	0			
290	T7		1	2" wide	int. railing	395	0	in		
291	T8		1	1 3/16" diam.	square baluster	28	0			
292	T9		1	14 treads	stair stringer	2	0			
293	T10		1	1x6-16ft+	base molding	287	0	ft		
294	T11		2	1x4-16ft+	window apron	34	0	ft		
295	T12		2	1x4-16ft+	sill	34	0	ft		
296	T13		2	1x4-16ft+	interior casing	237	0	ft		
297	T14		2	7 3/8" wide	int. railing	380	0	in		
298	T15		2	7 3/8" wide	railing shoe	380	0	in		
299	T16		2	1 1/2" diam.	square baluster	92	0			
300	T17		2	7 3/8" square	newel	3	0			
301	T18		2	7 3/8" square	half newel	2	0			
302	T19		2	6 1/2" wide	int. railing	116	0	in		
303	T20		2	6 1/2" wide	railing shoe	116	0	in		
304	T21		2	6 1/2" square	newel	3	0			
305	T22		2	4 in	interior jamb	55	0	ft		
306	T23		2	1x6-16ft+	base molding	207	0	ft		
307									Subtotal:	
308	Fixtures									
309	FX1		1	60W32D	Standard Tub [60W]	1	0			
310	FX2		1	32W21D	Double Sink [32]	1	0			
311	FX3		1	31W34D	Toilet	1	0			
312	FX4		1	14W14D	14" Round	1	0			
313	FX5		1	31W29D	Woodstove - metal cast iro	1	0			
314	FX6		1	23W22D	Single Sink [23W]	1	0			
315	FX7		2	31W34D	Toilet	1	0			
316	FX8		2	60W32D	Standard Tub [60W]	1	0			
317	FX9		2	14W14D	14" Round	1	0			
318									Subtotal:	
319	Appliance									
320	A1		1	28W27D	Dryer (gas)	1	0			
321	A2		1	26W27D	Washer	1	0			
322	A3		1	24W22D	Dishwasher [24]	1	0			
323	A4		1	30W26D	Elec (medium)	1	0			
324	A5		1	36W31D	Side-by-Side	1	0			
325	A6		1	20W20D	Water Heater 40G	1	0			
326									Subtotal:	
327	Electrical									
328	E1		1	wall mount	Caged Lantern	8	0			
329	E2		1	wall mount	Duplex	27	0			
330	E3		1	wall mount	Duplex (weatherproof) - col	3	0			
331	E4		1	wall mount	Three Way	12	0			
332	E5		1	wall mount	Single Pole	9	0			
333	E6		1	wall mount	220V	4	0			
334	E7		1	wall mount	Half Cone - lighting grey	1	0			
335	E8		1	ceiling mount	Ceiling Fan (lights)	1	0			
336	E9		1	floor mount	Duplex (weatherproof) - col	2	0			
337	E10		1	ceiling mount	Smoke Detector	2	0			
338	E11		1	ceiling mount	Half Dome Light - lighting ı	15	0			
339	E12		1	ceiling mount	Exhaust	1	0			
340	E13		2	wall mount	Half Cone - lighting grey	1	0			
341	E14		2	wall mount	Single Pole	7	0			
342	E15		2	wall mount	Duplex	6	0			
343	E16		2	ceiling mount	Half Dome Light - lighting ı	5	0			
344	E17		2	ceiling mount	Smoke Detector	1	0			
345	E18		2	ceiling mount	Ceiling Fan (lights)	2	0			
346	E19		2	ceiling mount	Exhaust	1	0			
347									Subtotal:	
348	Hardware									
349	H1		1		kit. cab drawer glide	16	0			
350	H2		2		cab drawer glide	2	0			
351									Subtotal:	
352	Decks-Walks									
353	DW1		1	0" wide	ext. railing	30	0	ft		
354	DW2		1	0" wide	railing shoe	30	0	ft		
355	DW3		1	4 1/2" square	support post	6	0			
356	DW4		1	4 1/2" square	half support post	4	0			
357	DW5		1	2x12"-16'+	floor joists - lumber	643	0	ft		
358	DW6		1	2x12"-16'+	rim joists - lumber	416	0	ft		
359	DW7		2	4 1/2" wide	ext. railing	47	0	ft		
360	DW8		2	4 1/2" wide	railing shoe	47	0	ft		

	ID	Sub Cat	Flr	Size	Description	Count	Extra	Unit	Price	Tot Cost
361	DW9		2	1 1/2" square.	baluster	105	0			
362	DW10		2	4 1/2" square	half rail post	2	0			
363	DW11		2	4 1/2" square	rail post	5	0			
364									Subtotal:	
365										
366									Total:	