

Custom Cabin Design With Crawl Space Plan #257 By SDS-CAD Specialized Design Systems

**BUILDING CONTRACTOR/HOME OWNER
TO REVIEW AND VERIFY ALL DIMENSIONS,
SPECS, AND CONNECTIONS BEFORE
CONSTRUCTION BEGINS.**

**BUILD AS PER CURRENT UBC IRC OR
LOCAL CODE REQUIREMENTS**

Page 1	Cover Page
Page 2	Main Floor Plan
Page 3	Foundation Plan
Page 4	Elevation Plan
Page 5	Typical Section Details
Page 6	Floor and Roof Framing Plan
Page 7	Whole House Section
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Page 9	Main Electrical
Page 10	Loft Electrical

To the best of my knowledge these plans are drawn to comply with owner's and/ or builder's specifications and any changes made on them after prints are made will be done at the owner's and / or builder's expence and responsibility. The contractor shall verify all dimensions and enclosed drawing. SDSCAD is not liable for errors once construction has begun. While every effort has been made in the preparation of this plan to avoid mistakes, the maker can not guarantee against human error. The contractor of the job must check all dimensions and other details prior to construction and be solely responsible thereafter. All calculations and member sizing should be verified for your building by a certified building official.

VENTING SCHEDULE

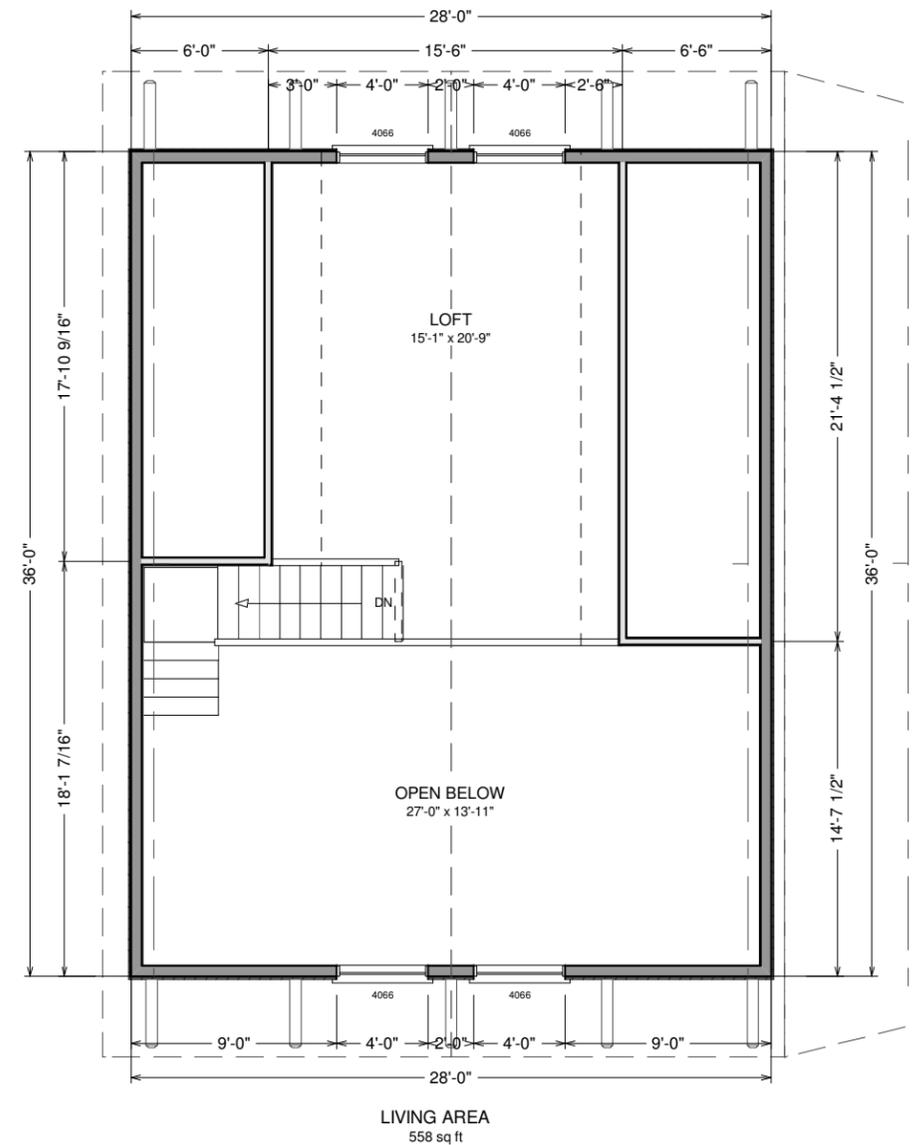
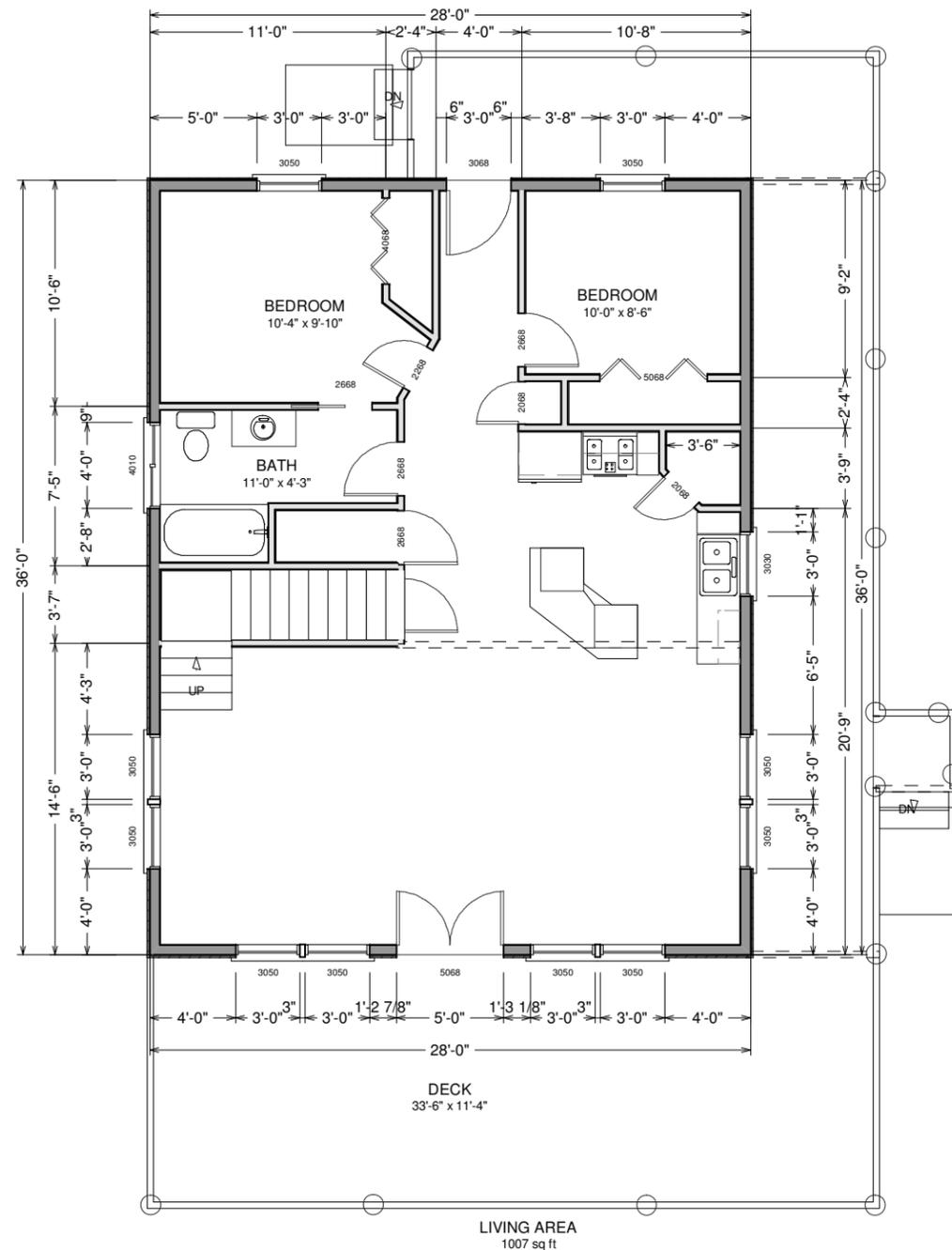
Range Hoods	Vent Through Roof
All Bath Fans	Vent to Exterior
Dryer Vent	Vent to Exterior

INSULATION SCHEDULE

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

DOOR SCHEDULE						
NUMBER	QTY	FLOOR	SIZE	DIMENSIONS	DESCRIPTION	
D01	1	1	2068	23 1/2X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE	
D02	1	1	2068	24X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE	
D03	1	1	2268	26 3/8X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE	
D04	4	1	2668	30X80X1 3/8"	3 PANEL DOOR - COLOR BRITE WHITE	
D05	1	1	2668	30X80X1 3/8"	POCKET	
D06	1	1	3068	36X80X1 3/4"	EXT. 3068 19	
D07	1	1	4068	24X80"	BIFOLD	
D08	1	1	5068	30X80"	BIFOLD	
D09	1	1	5068	30X80X1 3/4"	EXT. HINGED-GLASS	

WINDOW SCHEDULE						
NUMBER	QTY	FLOOR	SIZE	DIMENSIONS	DESCRIPTION	
W01	1	1	3030	36"X36"	SINGLE HUNG	
W02	10	1	3050	36"X60"	SINGLE HUNG	
W03	1	1	4010	48"X12"	RIGHT SLIDING	
W04	4	2	4066	48"X78"	FIXED GLASS	
W05	8	0	1206	14"X6"	14X6 HORIZ	



Residential Design

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P O Box 374 Mendon, Utah www.sds-cad.com email: sds-cad@psu.net

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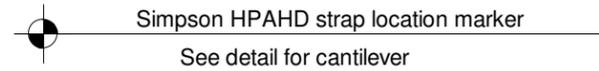
Concrete:

1. All slabs are to be 4" concrete over 4" gravel unless otherwise noted on the plans.
2. Concrete to be ACI 301-66, Type II cement, 2500 psi at 28 days, 5" maximum slump.
3. Reinforcing to be ASTM A615-Bars with Fy=60 ksi lap 30 diameter minimum at splices or weld per ACI Std.
4. Concrete design based on Fc 2000 psf, Fc 2500 psi for quality only.
5. Anchor bolts shall be A-307 embedded 7" minimum into concrete or masonry grout.

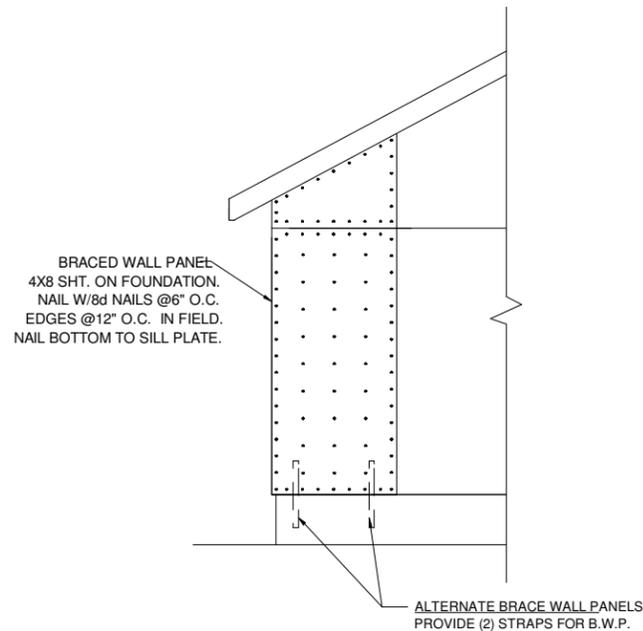
BRACED WALLS BWP AND ALT BRACED WALL ABWP OPTIONS

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.
- c. Continuous bracing from floor to floor

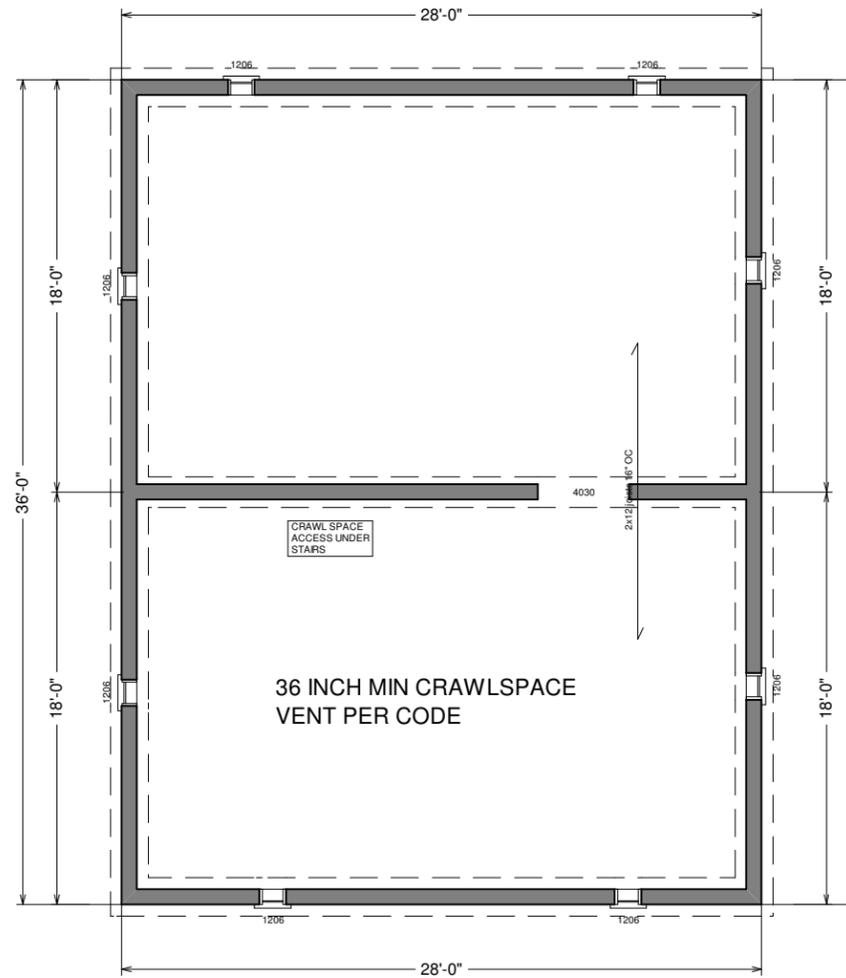


**Min 2 #4 Rebar Horizontal
on undisturbed or compacted soil**



FOOTING SCHEDULE

HOUSE WALLS	20" x 10" Min
DECKS & PORCHES	18" x 10" Min
BEARING WALL	20" x 10" Min



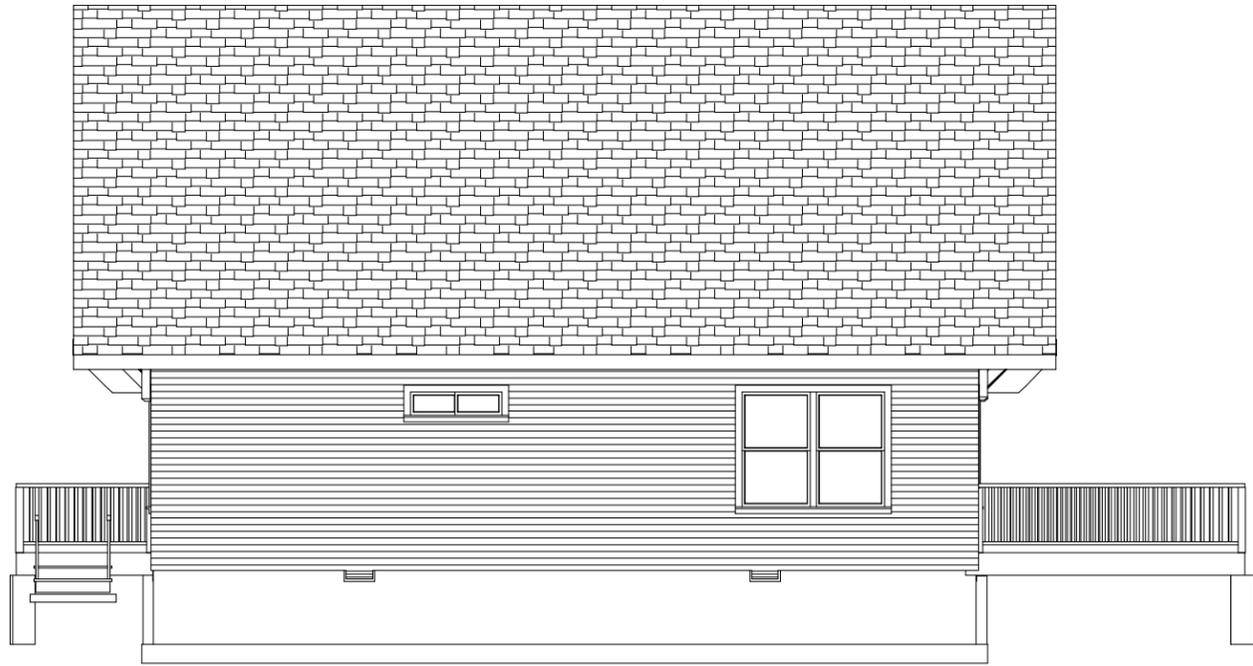
FOUNDATION PLAN

SCALE 1/8"=1'

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LEFT ELEVATION



REAR ELEVATION

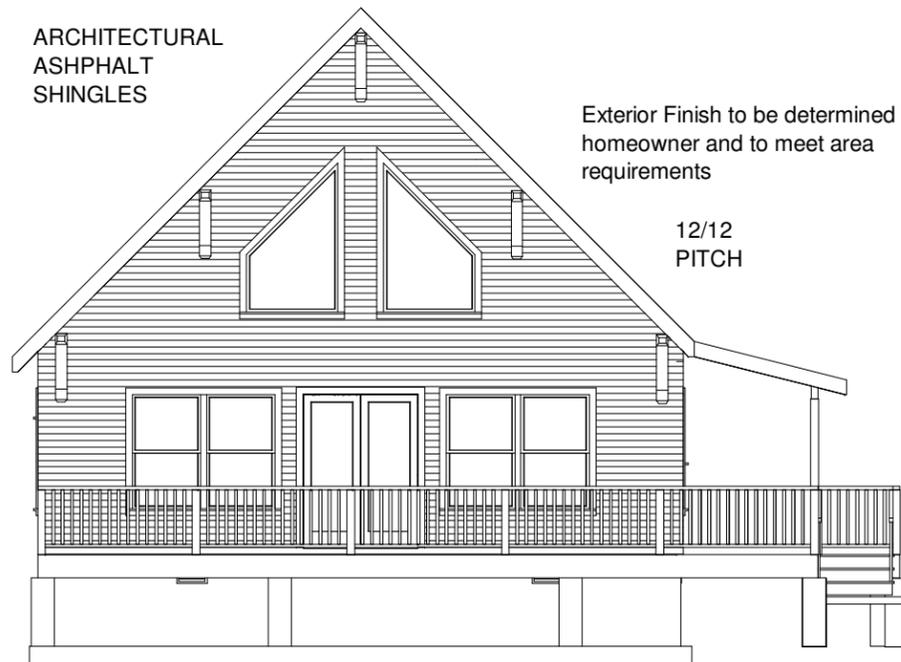
PERSPECTIVE
VIEW



ARCHITECTURAL
ASHPHALT
SHINGLES

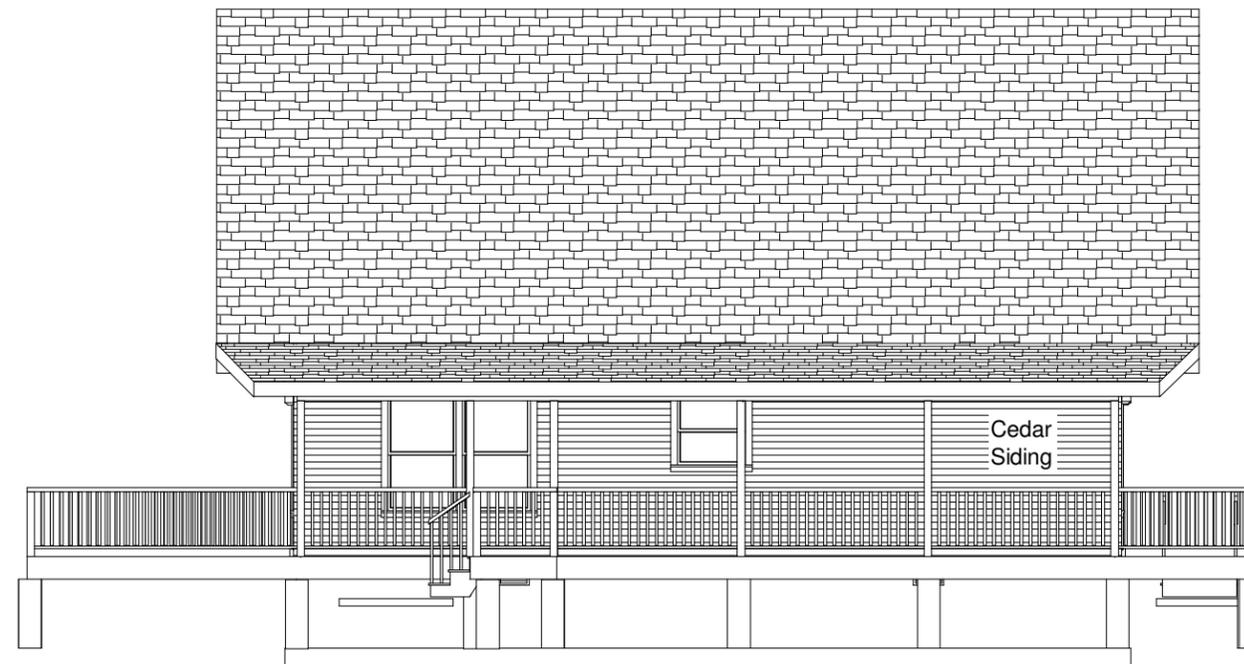
Exterior Finish to be determined by
homeowner and to meet area
requirements

12/12
PITCH



FRONT ELEVATION

SCALE 1/8"=1'



RIGHT ELEVATION

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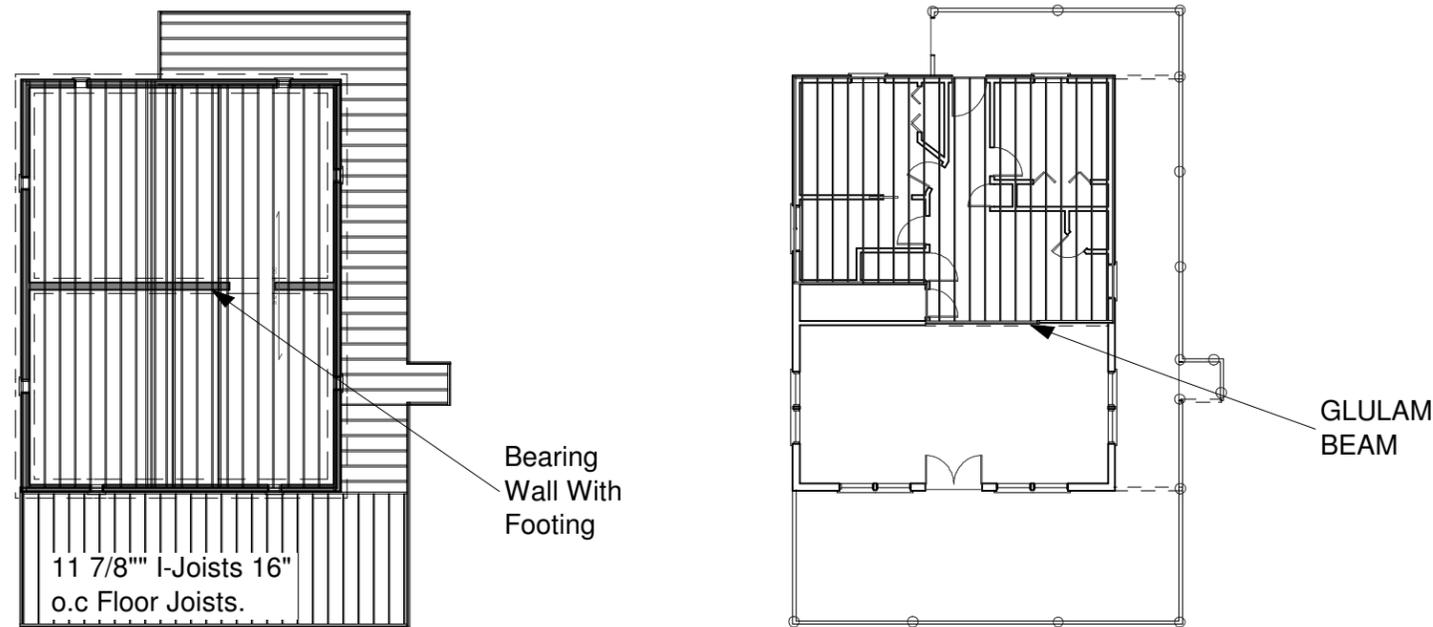
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Roof Framing:

1. Fascia to be 2"x Douglas Fir.
2. For soffit size see details.
3. For spans and dimensions refer to floor plans.
4. Trusses are to be an approved truss design from the truss manufacture's engineer.
Install as per engineers specs
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.
9. Plywood roof decking to be Min 1/2" thick, 24/0, CDX or 5/8 wafer.

FLOOR FRAMING

SCALE 1/16"=1'

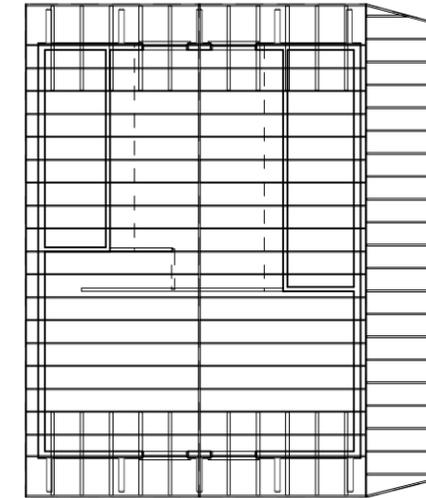


SEE GENERAL SPECS AND
NOTES FOR FRAMING DETAILS

PRE-ENGINEERED ENERGY ATTIC OR SCIZZOR TRUSSES AS SUPPLIED BY
TRUSS MANUFACTURER TO BE USED WHERE POSSIBLE

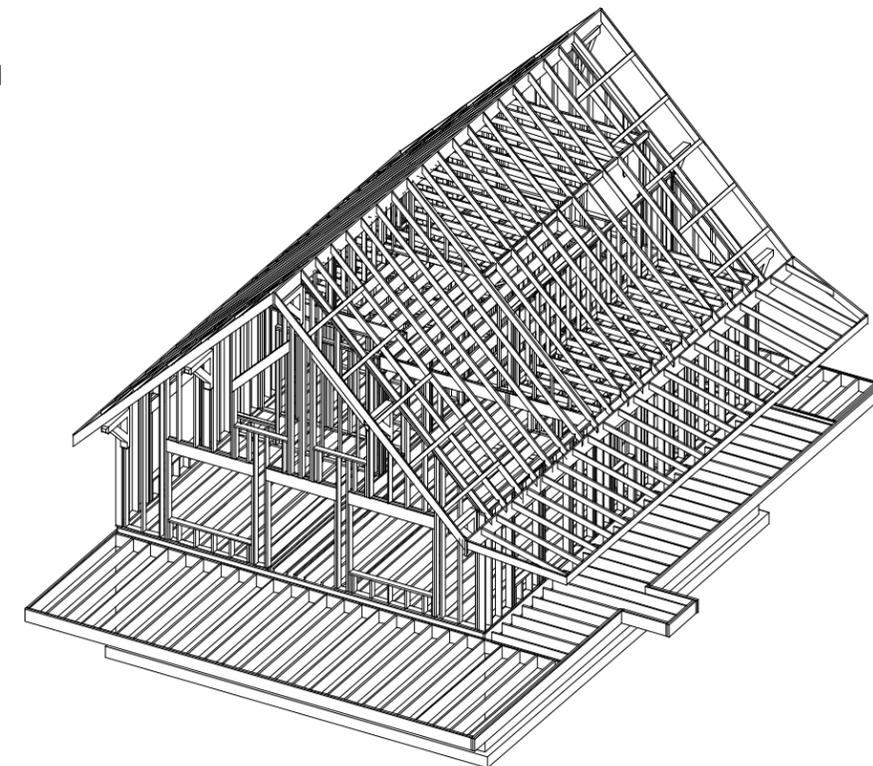
1. Trusses to be 24" O.C.
2. Attic access min 22 1/2" x 30" were most convenient. For all areas greater than 30"
3. Place vaults where possible as indicated on the floor plan
4. Install all trusses as per truss manufacturer installation guidelines.
5. 12/12 and 4/12 Pitch Porch

12/12
Pitch



ROOF FRAMING

SCALE 1/16"=1'



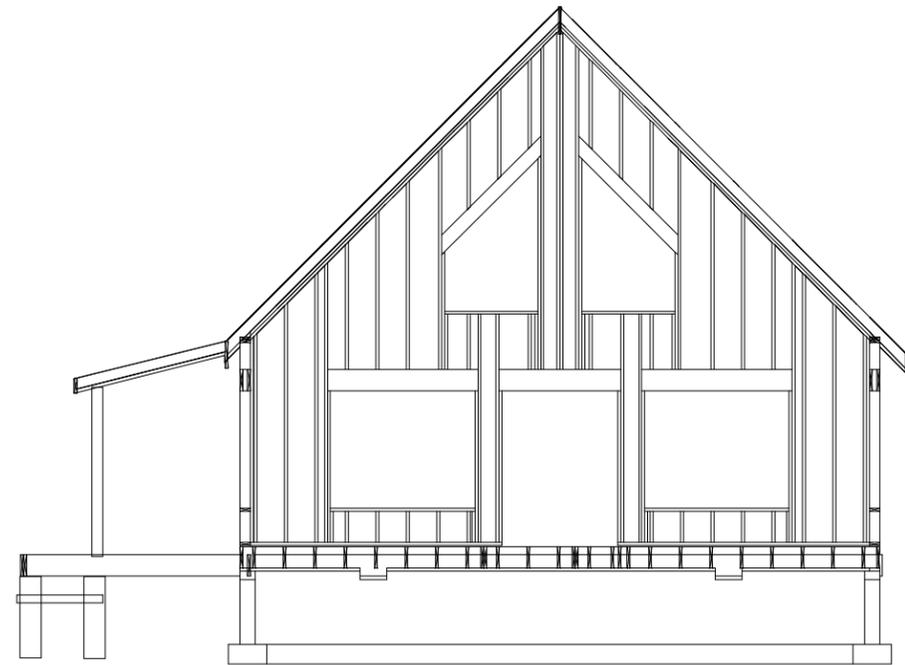
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General framing: (Douglas Fir)

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 3/4" 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

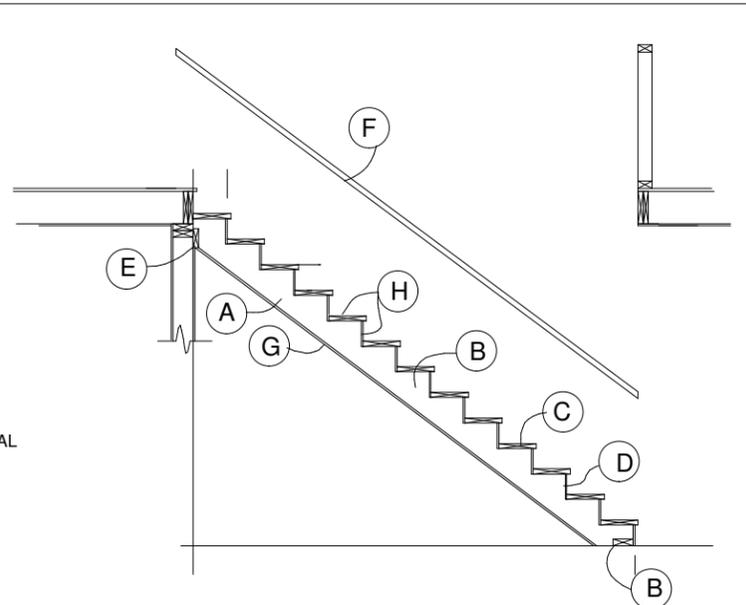
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- A) 2x12 STRINGER - 3 EACH REQUIRED
- B) 2x6 KICK PLATE - ANCHORED TO CONCRETE WITH 1/2" EXPANSION BOLTS - ANCHORED TO FLOOR DECKING WITH 6 - 16d NAILS.
- C) 1x9/8" PARTICLE BOARD TREAD WITH 1" MIN. NOSING
- D) 1"x8" #2 PINE RISER
- E) 2x6 LEDGER SECURED TO EACH STUD WITH 2 - 16d NAILS.
- F) HANDRAIL/GUARDRAIL - FINAL STYLE, MATERIAL AND COLOR TO BE OWNER'S CHOICE. DESIGN TO BE PER CURRENT U.B.C.:
 1. GUARDRAILS TO BE 36" HIGH MIN.
 2. HANDRAILS TO BE 34" TO 38" ABOVE NOSING OF TREAD
 3. OPEN RAILING TO HAVE INTERMEDIATE RAILS OR ORNAMENTAL PATTERN SUCH THAT A SPHERE 4" ROUND CANNOT PASS THRU.
- G) 5/8" TYPE "X" DRYWALL REQUIRED UNDER STAIRS AND ALONG STAIR WELL WALLS.



STAIR DETAIL

CABINET SCHEDULE				
NUMBER	QTY	FLOOR	DIMENSIONS	DESCRIPTION
C01	1	1	12X12X30 "	WALL CAB
C02	1	1	12X24X36 "	BASE CAB
C03	1	1	12X24X36 "	PEN BASE CAB
C04	2	1	24X24X36 "	PEN BASE CAB
C05	1	1	30X12X15 "	WALL CAB
C06	1	1	30X12X30 "	WALL CAB
C07	1	1	36X20X36 "	BATH BASE CAB
C08	1	1	36X24X15 "	WALL CAB
C09	2	1	36X24X36 "	BASE CAB

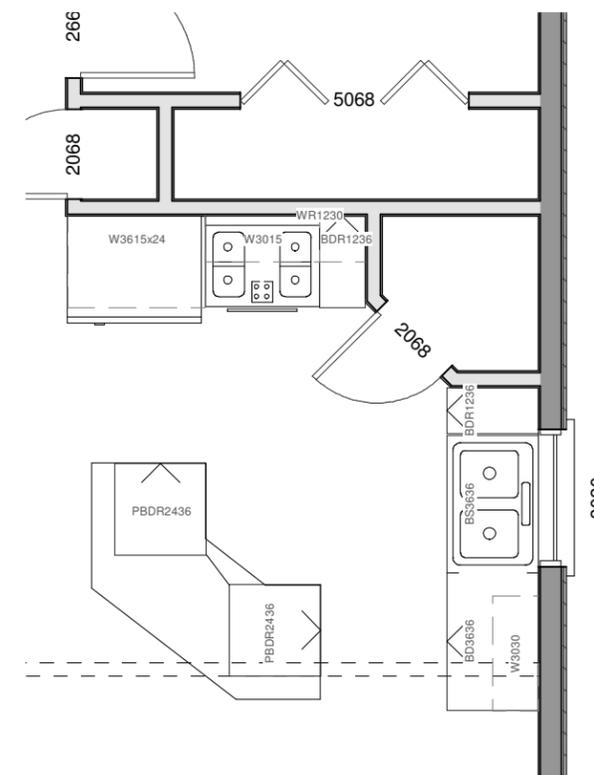
Kitchen layout and cabinets to be chosen by homeowner/Contractor basic layout for reference only. Measure after sheetrock is installed for correct sizing.

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 Detail

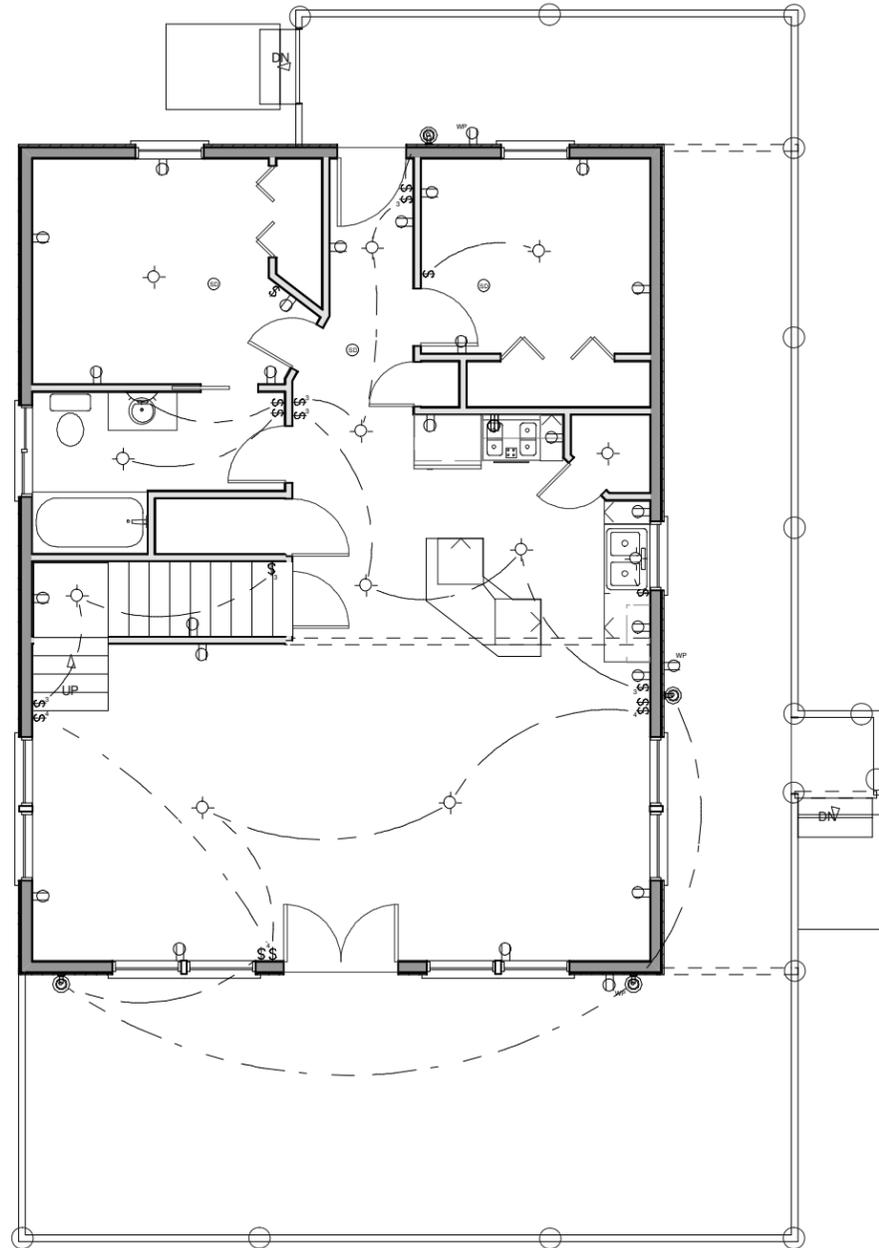
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MAIN FLOOR ELECTRICAL PLAN

SCALE 1/8"=1'



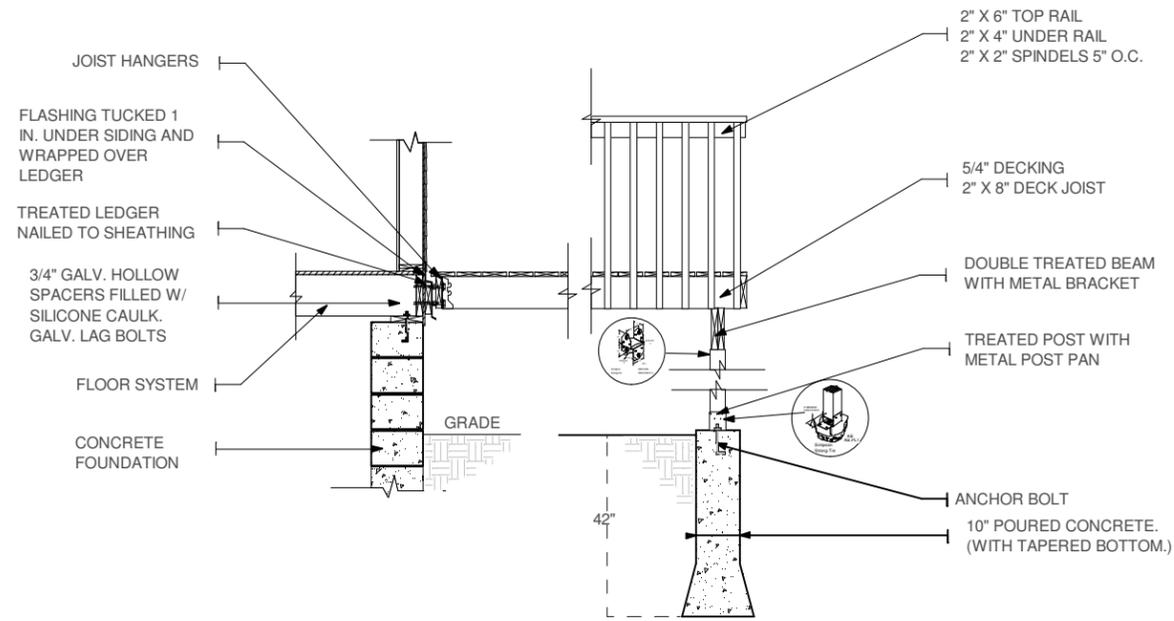
Electrical Systems:

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. CO2 Detector on each floor.
17. Ceiling fan hangers on all bedroom and living room lights.
18. Consult with contractor and homeowner for all final light fixture and light placement and details.

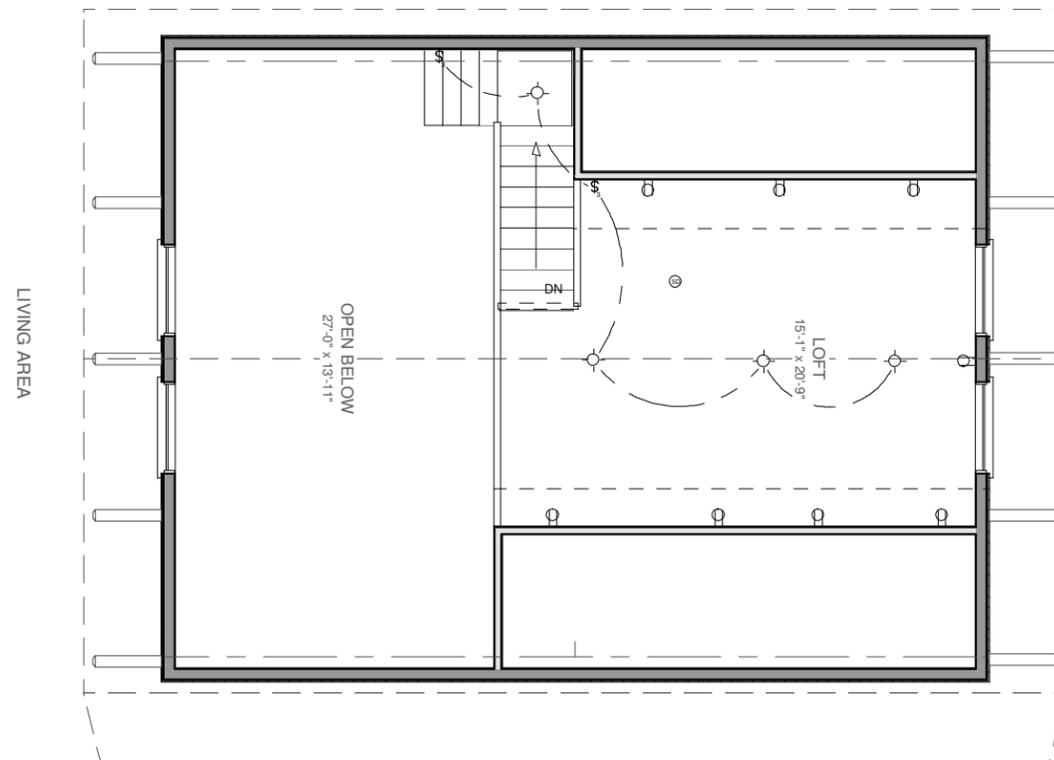
ELECTRICAL SCHEDULE

NUMBER	QTY	FLOOR	DESCRIPTION
E01	2	2	THREE WAY
E02	1	2	SMOKE DETECTOR
E03	4	2	HALF DOME LIGHT - LIGHTING GREY
E04	8	2	DUPLEX
E05	6	1	THREE WAY
E06	3	1	SMOKE DETECTOR
E07	8	1	SINGLE POLE
E08	12	1	HALF DOME LIGHT - LIGHTING GREY
E09	1	1	HALF CONE - LIGHTING GREY
E10	3	1	FOUR WAY
E11	3	1	DUPLEX (WEATHERPROOF) - COLOR LIGHT GRAY (MATTE)
E12	23	1	DUPLEX
E13	4	1	CAGED LANTERN
E14	2	1	220V

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Typical Deck Detail Attached to Wood Wall

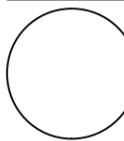


LOFT ELECTRICAL PLAN

SCALE 1/8"=1'

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
	110V FLOOR 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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ID	Sub Cat	Fir	Size	Description	Count	Extra	Unit	Price	Tot Cost
1	General								
2	GN1		0 38 1/2 high wall	8" Concrete Stem Wall	153		0 ft		
3	GN2		1 97 1/8 high wall	Siding-6	99		0 ft		
4	GN3		1 109 1/8 high wall	Siding-6	28		0 ft		
5	GN4		1 97 1/8 high wall	Interior-4	103		0 ft		
6	GN5		1 109 1/8 high wall	Interior-4	11		0 ft		
7	GN6		1 12W12D	Vert (round)	15		0		
8	GN7		1	heated ceiling area	454.00		0.00 sq ft		
9	GN8		1	heated floor area	1008.00		0.00 sq ft		
10	GN9		1	heated roof area	643.00		0.00 sq ft		
11	GN10		1	heated wall area	893.00		0.00 sq ft		
12	GN11		1	heated door area	20.00		0.00 sq ft		
13	GN12		1	heated glass area	73.00		0.00 sq ft		
14	GN13		2 97 1/8 high wall	Siding-6	28		0 ft		
15	GN14		2 12 high wall	Interior-4	6		0 ft		
16	GN15		2 71 7/16 high wall	Interior-4	18		0 ft		
17	GN16		2 72 15/16 high wall	Interior-4	21		0 ft		
18	GN17		2	heated ceiling area	554.00		0.00 sq ft		
19	GN18		2	heated wall area	79.00		0.00 sq ft		
20	GN19		2	heated glass area	52.00		0.00 sq ft		
21	GN20		3 165 3/16 high wall	Siding-6	27		0 ft		
22	GN21		3 34 3/16 high wall	Interior-4	5		0 ft		
23	GN22		3 4 11/16 high wall	Default (wood frame 16"OC	6		0 ft		
24	GN23		3 36 5/16 high wall	Interior-4	6		0 ft		
25	GN24		3 71 7/16 high wall	Interior-4	18		0 ft		
26	GN25		3 72 15/16 high wall	Interior-4	21		0 ft		
27	GN26		3 36 5/16 high wall	Siding-6	6		0 ft		
28	GN27		3 68 1/16 high wall	Siding-6	11		0 ft		
29	GN28		3 35 high wall	Default (wood frame 16"OC	10		0 ft		
30	GN29		3 40 3/4 high wall	Default (wood frame 16"OC	3		0 ft		
31	GN30		3 33 5/16 high wall	Siding-6	5		0 ft		
32									Subtotal:
33	Foundation								
34	FO1		0 8" thick	Concrete Grey	11.69		0.00 cu yd		
35	FO2		0 1/2x6"	foam sill seal	153		0 ft		
36	FO3		0	foundation bolts	32		0		
37	FO4		0 20x10"h	concrete footing	6.46		0.00 cu yd		
38	FO5		0 no. 4	rebar (footing)	325		0 ft		
39	FO6		0 no. 4	horiz. rebar (wall)	1301		0 ft		
40	FO7		0 no. 4	vert. rebar (wall)	500		0 ft		
41	FO8		0 16x8"h	concrete footing	0.90		0.00 cu yd		
42									Subtotal:
43	Subfloor								
44	SF1		1 4'x8'x3/4"	Sheet Plywood	32		0		
45	SF2		1 2x6"-16'+	mudsill - lumber	117		0 ft		
46	SF3		1 2x12"-16'+	rim joists - lumber	127		0 ft		
47	SF4		1 2x12"-36'	floor joists - lumber	21		0		
48	SF5		1 2x12"-16'+	mudsill - lumber	211		0 ft		
49	SF6		2 4'x8'x3/4"	Sheet Plywood	18		0		
50	SF7		2 2x12"-16'+	rim joists - lumber	78		0 ft		
51	SF8		2 2x12"-18'	rim joists - lumber	1		0		
52	SF9		2 2x12"-10'	rim joists - lumber	2		0		
53	SF10		2 2x12"-18'	floor joists - lumber	9		0		
54	SF11		2 2x12"-22'	floor joists - lumber	12		0		
55	SF12		2 2x6"-16'+	ceiling joists - lumber	235		0 ft		
56	SF13		2 2x6"-18'	ceiling joists - lumber	2		0		
57	SF14		2 2x6"-22'	ceiling joists - lumber	2		0		
58	SF15		2 2x6"-12'	ceiling joists - lumber	13		0		
59									Subtotal:
60	Framing								
61	F1		0 4x12"	door/window header	4		0 ft		
62	F2		1 2x6-16ft+	fir plate	447		0 ft		
63	F3		1 2x6"-92 5/8"	fir stud	64		0		
64	F4		1 2x6-16ft+	fir stud stock	568		0 ft		
65	F5		1 2x6"-5 7/8"	fir stud	3		0		
66	F6		1 2x4"-92 5/8"	fir stud	113		0		
67	F7		1 2x7-16ft+	header - lumber	69		0 ft		
68	F8		1 2x6"-104 5/8"	fir stud	23		0		
69	F9		1 2x11-16ft+	header - lumber	80		0 ft		
70	F10		1 2x4"-104 5/8"	fir stud	9		0		
71	F11		1 2x4-16ft+	fir plate	336		0 ft		
72	F12		1 2x4"-7 5/8"	fir stud	17		0		
73	F13		1 2x6-16ft+	header - lumber	37		0 ft		
74	F14		1 2x4-16ft+	fir stud stock	107		0 ft		
75	F15		1 2x4"-5 7/8"	fir stud	3		0		
76	F16		1 2x4"-90 1/16"	fir stud	4		0		
77	F17		1 2x4"-14 5/16"	fir stud	5		0		
78	F18		1 2x4"-1 7/8"	fir stud	4		0		
79	F19		2 4x12"	door/window header	9		0 ft		
80	F20		2 2x6-16ft+	fir plate	59		0 ft		
81	F21		2 2x6-16ft+	fir stud stock	92		0 ft		
82	F22		2 2x6"-92 5/8"	fir stud	7		0		
83	F23		2 2x4-7 1/2"	Framing Fir Stud 16" OC	5		0		
84	F24		2 2x4-16ft+	fir plate	133		0 ft		
85	F25		2 2x4"-63"	fir stud	15		0		
86	F26		2 2x4"-69"	fir stud	17		0		
87	F27		3 2x6-16ft+	fir stud stock	249		0 ft		
88	F28		3 2x6-16ft+	fir plate	145		0 ft		
89	F29		3 2x4-16ft+	fir plate	182		0 ft		
90	F30		3 2x4-16ft+	fir stud stock	92		0 ft		

ID	Sub Cat	Fir	Size	Description	Count	Extra	Unit	Price	Tot Cost
91	F31		3 2x4"-64 1/2"	fir stud	16	0			
92	F32		3 2x4"-70 1/2"	fir stud	18	0			
93	F33		3 2x4"-34 9/16"	fir stud	4	0			
94								Subtotal:	
95	Siding								
96	S1		1 11 1/2" wide	Siding Wood Pine	979	0	ft		
97	S2		1 4'x8'x5/8"	Sheet Plywood-hrz	36	0			
98	S3		1	house wrap	3198.00	0.00	sq ft		
99	S4		1 4x8' sheets	sheathing	7	0			
100	S5		1	exterior siding	185.00	0.00	sq ft		
101	S6		2 11 1/2" wide	Siding Wood Pine	112	0	ft		
102	S7		2 4'x8'x5/8"	Sheet Plywood-hrz	5	0			
103	S8		2	house wrap	166.00	0.00	sq ft		
104	S9		3 11 1/2" wide	Siding Wood Pine	291	0	ft		
105	S10		3 4'x8'x5/8"	Sheet Plywood-hrz	8	0			
106	S11		3 4'x8'x1/2"	Sheet Sheetrock	9	0			
107								Subtotal:	
108	Ext Trim								
109	EX1		1 1x4-16ft+	exterior sill	43	0	ft		
110	EX2		1 1x4-16ft+	ext. window casing	115	0	ft		
111	EX3		1 1x7-36"	door threshold	1	0			
112	EX4		1 1x4-16ft+	ext. door casing	37	0	ft		
113	EX5		1 7 in	ext. door jamb	37	0	ft		
114	EX6		1 3" wide	between window trim	20	0	ft		
115	EX7		1 1x7-60"	door threshold	1	0			
116	EX8		1 4" thick	- concrete grey	0.46	0.00	cu yd		
117	EX9		2 1x4-16ft+	exterior sill	18	0	ft		
118	EX10		2 1x4-16ft+	ext. window casing	63	0	ft		
119	EX11		2 6W36D	Ranch Corbel - framing fir	10	0			
120								Subtotal:	
121	Roofing								
122	R1		1	ridge cap	86	0	ft		
123	R2		1	Roofing Dimensional Com	2098.00	0.00	sq ft		
124	R3		1 4x8' sheets	roof sheathing	66	0			
125	R4		1 2x10" 16" OC	rafters - fir	1755	0	ft		
126	R5		1 2x8"	gable fascia	98	0	ft		
127	R6		1 2x8"	eave fascia	83	0	ft		
128	R7		1	metal drip edge	181	0	ft		
129	R8		1	gutter	83	0	ft		
130	R9		1	downspout	2	0			
131	R10		2 2x15"-16'+	ridge board - lumber	86	0	ft		
132	R11		2 2x6"-16'+	rafters - lumber	140	0	ft		
133	R12		2 2x8"-40'	rafters - lumber	1	0			
134	R13		2 2x8"-16'+	rafters - lumber	14	0	ft		
135	R14		2 2x6"-22'	rafters - lumber	38	0			
136	R15		2 2x8"-44'	rafters - lumber	1	0			
137	R16		2 2x8"-24'	rafters - lumber	2	0			
138	R17		2 2x4"-16'+	rafters - lumber	146	0	ft		
139	R18		2 2x8"-22'	rafters - lumber	2	0			
140								Subtotal:	
141	Insulation								
142	IN1		1 12x16x48" batts	ceiling insulation	85	0			
143	IN2		1 12x16x48" batts	floor insulation	189	0			
144	IN3		1 12x24x48" batts	roof insulation	80	0			
145	IN4		1 6x16x93" batts	wall insulation	82	0			
146	IN5		2 12x16x48" batts	ceiling insulation	103	0			
147	IN6		2 6x16x93" batts	wall insulation	7	0			
148								Subtotal:	
149	Flooring								
150	FL1		1	landing floor	11.00	0.00	sq ft		
151	FL2		1 2 1/4" wide	Flooring Oak-Golden	4543	0	ft		
152	FL3		1 5 1/2" wide	Deck Plank 2x6	1646	0	ft		
153	FL4		1 12x12x1/4	Tile Tan	57	0			
154	FL5		2 2 1/4" wide	Flooring Oak-Golden	2727	0	ft		
155								Subtotal:	
156	Wall Brd								
157	WB1		1 4'x8'x1/2"	Sheet Sheetrock	93	0			
158	WB2		1	Color Bone White	493.00	0.00	sq ft		
159	WB3		1 4'x8'x3/4"	Sheet Sheetrock	66	0			
160	WB4		1 4'x8'x1/2"	(wp) - sheet sheetrock	3	0			
161	WB5		2 4'x8'x1/2"	Sheet Sheetrock	20	0			
162	WB6		2	Color Bone White	443.00	0.00	sq ft		
163	WB7		2 4'x8'x3/4"	Sheet Sheetrock	19	0			
164	WB8		3 4'x8'x1/2"	Sheet Sheetrock	17	0			
165								Subtotal:	
166	Windows								
167	W1		0 14x6	14x6 Horiz	8	0			
168	W2		1 36x60	single hung	10	0			
169	W3		1 36x36	single hung	1	0			
170	W4		1 48x12	right sliding	1	0			
171	W5		2 48x78	fixed glass	4	0			
172								Subtotal:	
173	Doors								
174	D1		1 36x80x1 3/4R	ext. 3068 19	1	0			
175	D2		1	handle: Lever (decorative)	3	0			
176	D3		1	handle: Exterior Handle (ex	3	0			
177	D4		1	lock: Dead Bolt (interior)	3	0			
178	D5		1	lock: Dead Bolt (exterior)	3	0			
179	D6		1	hinge: hidden	23	0			
180	D7		1 30x80x1 3/4R	ext. hinged-glass	1	0			

ID	Sub Cat	Fir	Size	Description	Count	Extra	Unit	Price	Tot Cost
181	D8		1 30x80x1 3/4L	ext. hinged-glass	1	0			
182	D9		1 30x80x1 3/8	pocket	1	0			
183	D10		1 30x80x1 3/8R	3 Panel Door - color brite v	3	0			
184	D11		1 23 1/2x80x1 3/8L	3 Panel Door - color brite v	1	0			
185	D12		1 24x80	bifold	1	0			
186	D13		1 30x80x1 3/8L	3 Panel Door - color brite v	1	0			
187	D14		1 26 3/8x80x1 3/8L	3 Panel Door - color brite v	1	0			
188	D15		1 30x80	bifold	1	0			
189	D16		1 24x80x1 3/8R	3 Panel Door - color brite v	1	0			
190									Subtotal:
191	Cabinets								
192	C1		1 BD3636x20	bath base cab	1	0			
193	C2		1 34x6"	bath cab. drawer	1	0			
194	C3		1 21W1D	RP-2-REC	17	0			
195	C4		1	hidden cab. hinge	34	0			
196	C5		1	countertop - countertop pe	5.00	0.00	sq ft		
197	C6		1	front cap (bath)	6	0	ft		
198	C7		1	backsplash (bath)	3	0	ft		
199	C8		1 PBDR1236	pen base cab	1	0			
200	C9		1 10x6"	cab. drawer	2	0			
201	C10		1	countertop - countertop pe	16.00	0.00	sq ft		
202	C11		1	countertop front cap	17	0	ft		
203	C12		1 BS3636	base cab	1	0			
204	C13		1 34x6"	cab. drawer	2	0			
205	C14		1	backsplash	7	0	ft		
206	C15		1 WR1230	wall cab	1	0			
207	C16		1 BD3636	base cab	1	0			
208	C17		1 BDR1236	base cab	1	0			
209	C18		1 W3615x24	wall cab	1	0			
210	C19		1 W3030	wall cab	1	0			
211	C20		1 W3015	wall cab	1	0			
212	C21		1 PBDR2436	pen base cab	2	0			
213	C22		1 22x6"	cab. drawer	2	0			
214									Subtotal:
215	Int Trim								
216	T1		0 1x4-16ft+	interior casing	22	0	ft		
217	T2		0 8 in	interior jamb	11	0	ft		
218	T3		1 1x4-16ft+	window apron	43	0	ft		
219	T4		1 1x4-16ft+	sill	43	0	ft		
220	T5		1 1x4-16ft+	interior casing	498	0	ft		
221	T6		1 1x3-16ft+	between window trim	20	0	ft		
222	T7		1 4 in	interior jamb	173	0	ft		
223	T8		1 40 3/16x10 5/8-1"	stair tread	4	0			
224	T9		1 40 3/16x7 1/4"	riser	4	0			
225	T10		1 2" wide	int. railing	479	0	in		
226	T11		1 1 3/16" diam.	square baluster	24	0			
227	T12		1 4 treads	stair stringer	2	0			
228	T13		1 39 3/16x11 13/16-1'	stair tread	9	0			
229	T14		1 39 3/16x7 1/4"	riser	9	0			
230	T15		1 9 treads	stair stringer	2	0			
231	T16		1 2x10"	landing joists - fir	14	0	ft		
232	T17		1 1x8"	landing rim trim	13	0	ft		
233	T18		1 41x11 1/4-1"	stair tread	2	0			
234	T19		1 41x7"	riser	4	0			
235	T20		1 2 treads	stair stringer	4	0			
236	T21		1 41x11 3/8-1"	stair tread	2	0			
237	T22		1 1x6-16ft+	base molding	337	0	ft		
238	T23		2 1x4-16ft+	window apron	18	0	ft		
239	T24		2 1x4-16ft+	sill	18	0	ft		
240	T25		2 1x4-16ft+	interior casing	63	0	ft		
241	T26		2 3 1/2" wide	int. railing	283	0	in		
242	T27		2 3 1/2" wide	railing shoe	283	0	in		
243	T28		2 1 1/2" diam.	square baluster	52	0			
244	T29		2 4" square	newel	4	0			
245	T30		2 4" square	half newel	2	0			
246	T31		2 1x6-16ft+	base molding	151	0	ft		
247									Subtotal:
248	Fixtures								
249	FX1		1 60W32D	Standard Tub [60W]	1	0			
250	FX2		1 31W34D	Toilet	1	0			
251	FX3		1 14W14D	14" Round	1	0			
252	FX4		1 32W21D	Double Sink [32]	1	0			
253									Subtotal:
254	Appliance								
255	A1		1 36W28D	Freezer on Top	1	0			
256	A2		1 30W26D	Gas (medium)	1	0			
257									Subtotal:
258	Electrical								
259	E1		1 wall mount	Duplex	23	0			
260	E2		1 wall mount	Caged Lantern	4	0			
261	E3		1 wall mount	Duplex (weatherproof) - col	3	0			
262	E4		1 wall mount	Three Way	6	0			
263	E5		1 wall mount	Single Pole	8	0			
264	E6		1 wall mount	Four Way	3	0			
265	E7		1 wall mount	Half Cone - lighting grey	1	0			
266	E8		1 wall mount	220V	2	0			
267	E9		1 ceiling mount	Half Dome Light - lighting	12	0			
268	E10		1 ceiling mount	Smoke Detector	3	0			
269	E11		2 wall mount	Three Way	2	0			
270	E12		2 wall mount	Duplex	8	0			

