Design for Crooked Creek, Alaska

1 bedroom

integrated truss on post-on-pad foundation

NOTE: The information contained in these documents was developed and published as a reference for specific climatic and site conditions. These documents are not a substitute for a detailed architectural plan set or site-specific engineering.

Any application of knowledge contained in this manual will need to consider site-specific issues including but not limited to applicable codes and structural design considerations for soil type, weather, and wind and snow load conditions. It is essential that a structural engineer review the plans to ensure they meet design criteria appropriate to the site.

This home has many elements that require specialized knowledge. We strongly recommend that skilled tasks, plumbing and electric work be done by professionals.
OF VILLAGE OF CROOKED CREEK
CROOKED CREEK, AK
REPLACEMENT HOUSING
ONE BEDROOM HOUSE
PROJECT
ISSUED 12 DECEMBER 2011
DESIGN DEVELOPMENT
DESIGNED BY:
DRAWN BY:
CCHRC
A0.0
1 total
COVER SHEET
1000 FAIRBANKS STREET
P.O. BOX 82489
FAIRBANKS, AK 99708-2489
(907) 457-3454
www.cchrc.org
DEPARTMENT OF HOMELAND SECURITY & EMERGENCY MANAGEMENT
LIST OF DRAWINGS
A0.0
A1.0
A1.1
A1.2
A1.3
A2.0
A3.0
A3.1
A4.0
A4.1
E1.0
M1/P1
ONE BEDROOM PERSPECTIVE 01
SCALE 1:43.38
ONE BEDROOM PERSPECTIVE 02
SCALE 1:43.38
VILLAGE OF CROOKED CREEK
CROOKED CREEK AK MAP
PROJECT
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A1.0

DEPARTMENT OF
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16'-0" 16'-0"
32'-0"
24'-0"
11'-9 7/16"
2 9/16"
2 9/16"

TREATED 4 x 12
TREATED 6 x 6
1' x 5 1/8"
8" TIMBERLOK SCREW
SIMPSON H6 HURRICANE TIE

TRUSS ASSEMBLY
TRUSS SYSTEM 2FT O.C. TYP.

CORRUGATED STEEL CLADDING FROM WALL ABOVE

(3) 4 X 12, LOWER LEVEL OF FOUNDATION PAD; ON GRADE
(3) 6 x 6 MIDDLE LEVEL OF FOUNDATION PAD
(2) 6 x 6 TOP LEVEL OF FOUNDATION PAD

TRUSS ASSEMBLY
HURRICANE TIE
8" TIMBERLOK SCREW
SIMPSON H6 HURRICANE TIE

33 3/4" 5 5/8"
22 1/2"
18" 18"
36"

TRUSS ASSEMBLY

ONE BEDROOM FOUNDATION PLAN
FOUNDATION CRIBBING DETAIL

NOT TO SCALE

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

SCALE: 1" = 1'-0"

FOUNDATION CRIBBING AXON

ONE BEDROOM FOUNDATION PLAN

PLYWOOD BLOCKING DETAIL

SCALE: 1 1/2" = 1'-0"

1. DETAIL

2. FRAMING AXON

3. FRAMING PLAN PERSPECTIVE

4. PLYWOOD BLOCKING DETAIL

GLULAM BEAM

6X12 GLULAM BEAM

3/4" T&G FLOOR

9" SPRAY FOAM INSULATION IN FLOOR CAVITY

3/8" PLYWOOD LAY BETWEEN TRUSSES TO SPRAY FOAM INSULATION AGAINST GLULAM BEAM

1X4 BLOCKING CENTERED AND ATTACHED ON UNDERSIDE OF TRUSS

3/8" PLYWOOD LAID BETWEEN TRUSSES TO SPRAY FOAM INSULATION AGAINST FLOOR TRUSS; RESTS DIRECTLY ON GLULAM BEAM

6" SPRAY FOAM INSULATION IN FLOOR CAVITY

4" TX-10 BLOCKS TO PROVIDE SUPPORT FOR GLULAM BEAMs

2X10 BLOCKS TO PROVIDE SUPPORT FOR GLULAM BEAMs

2X10 BLOCKS TO PROVIDE SUPPORT FOR GLULAM BEAMs

2X8 BLOCKS TO PROVIDE SUPPORT FOR GLULAM BEAMs

2X6 BLOCKS TO PROVIDE SUPPORT FOR GLULAM BEAMs

6X12 GLULAM BEAM

1X4 ON UNDERSIDE OF TRUSS; SEE DETAIL (4 | A1.1)
ATTIC INSULATION ABOVE ARCTIC ENTRY WALLS

ROOF FRAMING PLAN

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

1/2" PLYWOOD BLOCKING BETWEEN TRUSSES PLACED ABOVE ARCTIC ENTRY WALL
5-6" SPRAY FOAM INSULATION SPRAYED AGAINST 1/2" PLYWOOD

1/2" PLYWOOD FASTENED TO TRUSS ABOVE ARCTIC ENTRY WALL

2X4 BLOCKING BETWEEN TRUSSES FOR DOUBLE STUD GABLE END WALL, TYP.

2X8 FASCIA BOARD
2X6 NAILER

SLOPE

PROJECT
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NOT TO SCALE

GENERAL NOTES

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A1.3
General Notes

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1st FLOOR ELECTRICAL PLAN

ELECTRICAL SYMBOL KEY

12 CIRCUIT PANEL WITH FLUSH COVER AND GROUND BAR
MOTION SENSOR LIGHT
15A DUPLEX RECEPTACLE
50A RANGE RECEPTACLE
2 BULB INCANDESCENT LIGHT FIXTURE
120V SMOKE DETECTOR
15A SP SWITCH, SUBSCRIPT INDICATES 3 WAY
RANGE HOOD WITH FAN AND LIGHT
40 CFM WHISPER CEILING FAN; SEE MECHANICAL PLAN
WASTE WATER PIPE TO BE CAPPED OFF INSIDE WALL
KITCHEN SINK TO DRAIN INTO BUCKET UNDER SINK
PANEL SCHEDULE
1. BATHROOM
2. KITCHEN RECEPTACLES
3. LIVING ROOM LIGHTS AND RECEPTACLES
4. KITCHEN RECEPTACLES AND REFRIGERATOR
5. BEDROOM
6. FREEZER/ENTRY
7. HEAT
8. HEADHOT HTR
9. RANGE HTR
10. SD
11. F
12. W

NOTE: MAST AND WEATHERHEAD LOCATION TO BE VERIFIED IN FIELD

SCALE: 1/4" = 1'-0"
PLUMBING WASTE WATER DIAGRAM
NOT TO SCALE

1. WATER/WASTE WATER MATERIALS NOT INCLUDED IN MATERIALS LIST; TO BE SPECIFIED BY CONTRACTED PLUMBER