Design for Crooked Creek, Alaska
2 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
TWO BEDROOM HOUSE
PROJECT
ISSUED 12 DECEMBER 2011

DESIGNED BY:
DRAWN BY:
CCHRC

DEPARTMENT OF HOMELAND SECURITY & EMERGENCY MANAGEMENT

3/4" T&G FLOOR
FLOOR TONGUE NEEDS DIRECTLY EXTENDED
8" SPRAY FOAM INSULATION IN FLOOR CAVITY
2X8 PLYWOOD BLOCK CENTERED AND ATTACHED ON UNDERSIDE OF TRUSS; SEE DETAIL (4 | A1.2 )
1X4 BLOCKING CENTERED AND ATTACHED ON UNDERSIDE OF TRUSS
6" 6X12 GLULAM BEAM

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

Plywood Blocking Detail

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

1 Plywood Blocking Detail
2 Framing 02
3 Framing Detail

2x12
2x10
2x6
1x4 on underside of truss; see detail (1 | A1.2 )
6x12 Glulam Beam

3D Framing Views
OF VILLAGE OF CROOKED CREEK
CROOKED CREEK, AK
REPLACEMENT HOUSING
TWO BEDROOM HOUSE
ISSUED 12 DECEMBER 2011
Construction Documents
DESIGNED BY:
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CCHRC
A1.3
5
ROOF FRAMING PLAN
1
WINDOW SCHEDULE
ATTIC INSULATION ABOVE ARCTIC ENTRY
1
ROOF FRAMING PLAN
SCALe: 1/4" = 1'-0"
3
A3.0
WATER STORAGE TANK
SPACE FOR CHEST FREEZER
R-? BATT INSUL
R-11 SOUND BATTS; 24" o/c
2X6
NAILER
ROOF TRUSS
2X8 FASCIA BOARD
2X10 BLOCKING
2X4 OVERHANG, TYP.
TOP PLATE FOR DOUBLE STUD GABLE END WALL
2X4 BLOCKING BETWEEN TRUSSES FOR DOUBLE STUD GABLE END WALL, TYP.
SCALE: 1/4" = 1'-0"
GENERAL NOTES

OF VILLAGE OF CROOKED CREEK
CROOKED CREEK, AK
REPLACEMENT HOUSING
TWO BEDROOM HOUSE

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DESIGNED BY:
DRAWN BY:

A2.0

COVENANT HOUSE BANKSTOWN

WOOD STOVE AIR INTAKE;
(REF DETAIL (4 | A3.0)

FRESH AIR @ 6'-6" ABOVE FINISHED FLOOR;
MAKE UP AIR

FRESH AIR @ 6'-6"
ABOVE FINISHED FLOOR;
MAKE UP AIR

6" MAKE UP AIR INTAKE
ELEVATION OF 6'-6"
REMOVE BACKDRAFT DAMPER ON WEATHER HOOD

FRESH 80 @ 6'-6" ABOVE FINISHED FLOOR;
MAKE UP AIR

4" METAL CORNER CAP;
USE RIDGE CAP OR EQUIV.

2x8 FASCIA
(EAVE FLASHING LAPS OVER METAL FASCIA)

ROOF CAP
CORNER CAP EXTENDS TO COVER GLULAM BEAM

ELEVATION 1- FRONT ENTRY
ELEVATION 2- SIDE
ELEVATION 3- BACK
ELEVATION 4- SIDE

SCALE: 1/4" = 1'-0"
OF VILLAGE OF CROOKED CREEK
CROOKED CREEK, AK
REPLACEMENT HOUSING
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BUILDING SECTIONS

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DEPARTMENT OF HOMELAND SECURITY &
EMERGENCY MANAGEMENT
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SECTION THROUGH GABLE END WALL
SCALE: 1/4" = 1'-0"

INTERSECTION OF ROOF TRUSS AND WALL TRUSS
BOTTOM CHORD OF ROOF TRUSS
PEAK OF ROOF TRUSS
INSTALL PER MANUFACTURER'S INSTRUCTIONS
PLACE WINDOW IN TRUE WALLS BETWEEN TRUSSES.
DO NOT CUT TRUSSES.

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

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

6 1/2"
10 5/8"
6'-8"

PEAK OF ROOF TRUSS
TOP OF FINISHED FLOOR
5 1/8" x 12" GLULAM BEAM
FOUNDATION PILE

A3.0

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

WOOD STOVE AIR INTAKE
SCALE: 1/4" = 1'-0"

A3.1

A3.0

A1.2

1/2" DUROCK
MIN 8" CLEARANCE TO ADJACENT WALL
HEAT SHIELD
4" FLEX DUCT TO EXTERIOR

A3.1

A1.2

 SCALE: 1/4" = 1'-0"
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DEPARTMENT OF HOMELAND SECURITY & EMERGENCY MANAGEMENT

2" 79 7/8" 2" 33 1/8" 10 3/4" 4" 32"
7 5/16"
2 x 10 RIM JOIST
2 x 12 STRINGER
2 x 4 BOTTOM RAIL

2 x 12 x 4 TREATED STAIR FOUNDATION (BELOW GRADE)
GRADE
JOIST HANGER

3 x 12 GRATING
JOIST HANGER
SIMPSON A35 STRONG TIE

NOT TO SCALE

SCALE: 3/4" = 1'-0"
1st FLOOR ELECTRICAL PLAN

**1. USE CFL BULBS OR LED BULBS IN ALL INCANDESCENT STYLE FIXTURES**