

Wood Cottage Manual



Tools Needed:

- Cordelss Drill (12V or higher)
- #2 Square Drive Bit
- Hammer
- 6' Step Ladder
- Tape Measure
- Square utility knife
w/ blade & hook blade
- Speed Square



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1



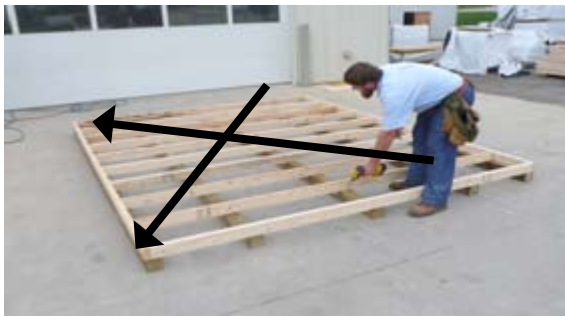
Once your site is ready you may begin construction of your floor by laying out your 4x4 runners. You want to place the runners evenly on 10' and 12' wide buildings, 8' wide will only have 2 runners and they are 6' apart.

2



Next install CDX flooring and make sure it is flush on all sides. Secure in place by driving 1 1/4" screws through the sheeting into the 2x4's every 8".

3



Now place 2x4's, 16" on center, on top of the 4x4's. Place 2 1/2" screws in each of the 4 corners. Measure from corner to corner to make sure the floor is square. Now you can fasten each 2x4 into the 4x4s with 2 1/2" screws.

4



Locate the first wall panel, then set in place. Make sure the wall is flush with the edge of the floor structure, by using an angle. Apply pressure from the outside and secure the wall panel to the floor using 2 1/2" screws.

5



Next make sure you have 34" in between wall for man door.

6



Fasten the wall with 2 1/2" screws as shown. After you have your 34" opening for the man door.

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7



Continue installing walls per diagram as shown.

8



Secure outside corner with 1 1/4" screws to hold wall together.

9



Install panels per diagram and secure with 2 1/2" screws.

10



Continue with walls.

11



Make sure walls are flush and secure with 2 1/2" screws as shown.

12



Install wall at double door as shown and secure with 2 1/2" screw.

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13



Make sure your door opening measures 48" for 8' wide building and 60" on 10', 12', 14' and 16' wide.

14



Next locate gables.

15



Make sure your gable is flush on the top and bottom and secure with 2 1/2" screws.

16



Install gable as shown.

17



Measure from end of gable to the inside of the 2x4 plate 5 1/2".

18



Secure the gable with 2 1/2" screws.

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19



Locate the gables for the above double doors and make sure the bottom is flush, secure with 2 1/2" screws.

20



Install 54" 2x4 as shown.

21



Make sure the 54" 2x4 sticks out 1 1/2" on each side.

22



Use angle to make sure 54" 2x4 is flush as shown.

23



Install gable as shown.

24



Measure 5 1/2" over gable to inside of top plate, secure with 2 1/2" screws.

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25



Next locate (2) 72" 2x4's to tie the gable wall together.

26



Install 72" 2x4's, make sure they are flush as shown, secure with 2 1/2" screws.

27



Continue the same on the other end.

28



Next install 2x4 at the front door as shown, secure with 2 1/2" screws.

29



Now you will install a 2x4 the same way on the opposite side.

30



Install gable, make sure the opening is flush on the inside.

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31



Secure gable with 2 1/2" screws as shown.

32



Make sure 2x4's are flush before fastening.

33



Next install 2x6 top plate, make sure the inside is flush before fastening, using 2 1/2" screws.

34



Continue with top plates.

35



Install top plate on the front wall, secure with 2 1/2" screws.

36



Next install the brace as shown, with 2 1/2" screws.

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37



Make sure wall is level before securing it to the floor.

38



Locate the (3) 2x4's for the wall bracing. Butt them together as shown, secure the 3rd 2x4 on top of the 2nd.

39



Continue from picture 38, length of 2x4 brace should be the same width as building.

40



Push out against the siding and secure temporarily with 2 1/2" screws.

41



Measure from the back wall in between siding. 8' wide building is 96", 10' wide is 120", and so on.

42



Locate rafters for trusses.

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43



You are ready for your trusses. Using your angle make sure the trusses at the peak are flush.

44



Now take your truss gusset, set in place and fasten with 8 of the 1 1/4" screws. Repeat on reverse side.

45



Along the top plate you will find x's you will want to place a truss at each x. Secure with 2 1/2" screws on the 3 sides.

46



Locate corner trim.

47



Locate door trim.

48



This piece goes in between 2 trusses, in the center for the dormer.

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49



Next install the piece from previous picture as shown.

50



Make sure it is flush on the top as shown, secure with 2 1/2" screw.

51



This piece is called a T-bar.

52



Put in place, secure with 2 1/2" screws as shown from back side. Keep flush on bottom as shown.

53



Next fasten to the gable.

54



Next install the back rafters.

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55



Rafters are completed.

56



Install rake blocks, secure with 2 1/2" screws.

57



Now you are ready to install roof sheathing. Start with the bottom sheets, you will fasten each sheet on the outside edge with 1 1/4" screws.

58



Also fasten on the outside bottom edge with 1 1/4" screws.

59



Once the bottom sheets are installed, install the top sheets. (the diagram will show the size and layout).

60



Measure 6" from the edge off OSB to the outside of gable, secure with 1 1/4" screws.

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61



Continue with the last row as shown.

62



Next install OSB on dormer as shown. (you may want to refer to the sheeting diagram that has been provided)

63



Continue with the backside.

64



Make sure the trusses are spaced correctly, secure with 1 1/4" screw every 8" O.C.

65



Roof Sheeting completed.

66



Next locate rakes. Make sure the peaks are flush, secure with 2 1/2" screws.

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67



Install rakes as shown.

68



Secure rake with 2 1/2" screws as shown.

69



Make sure the OSB is flush with the outside of the rake.

70



Install v-channel.

71



While someone is holding the v-channel in place on the inside, secure with 1 1/4" screws going through the OSB into the v-channel

72



Install vents, secure with (6) 1 1/4" screws.

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73



Locate 3" smartside piece.

74



Secure with 1/4" screws as shown.

75



Next install door trim and secure with 1/4" screws.

76



Next install the corner trim, secure with 1/4" screws 8" on center.

77



Fasten outside on the bottom into the 2x4 thru the siding with 1/4" screws every 8" o.c.

78



Install the next door. Make sure the door reveals are the same.

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79



Now install a screw on the bottom as shown.

80



Install the next door. Make sure the door reveals are the same.

81



Next install the barrel bolt as shown.

82



Use your hammer and tap on top of the barrel bolt, which will make a mark so you know where to drill a 5/16" hole.

83



Next drill your 5/16" hole for the barrel bolt.

84



Install 3x5 trim plate as shown.

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85



Next install the top barrel bolt and repeat the same steps as you did with the bottom bolt.

86



Next install the door latch.

87



Secure with 1 1/4" black headed screws.

88



Next install D shaped portion on the inside as shown and tighten it with an allen wrench.

89



Install front entrance door.

90



Make sure the door is centered in the opening and secure with 2 1/2" screws as shown.



91



There will be extra screws with the door, once the outside is all fastened, put 1 screw in each hinge to hold the door in place.

92



Install the plate for the door.

93



Install the door lock as shown.

94



Install shutters. Make sure you divide them up from the top and bottom, secure with screws that are provided.

95



Next secure the bottom part of the shutter. Fasten where shown. Total of 6 screws per shutter.

96



Locate window trim.

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97



Next install trim and divide it up in between the window as shown.

98



Repeat the same steps at the bottom.

99



Next you are going to install the drip edge. This will be fastened with 1 1/4" screws.

100



As you secure the drip edge, you will need to snip the drip edge to allow bend along the ridge.

101



You are ready to begin with the roof. Begin by installing your starter strips. (refer to your shingle pack for additional instructions).

102



Continue installing shingles in a staggered fashion.

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103



Continue with shingles as shown.

104



When you have installed the shingles up one side, snap a chalk line down the center of the valley.

105



Install the shingles on the dormer side, then use the hook knife to cut the excess shingles. Do not cut into the next layer of shingles. Do this on both sides.

106



continue with shingles as shown.

107



Measure 5 3/4" from the peak on both ends, snap chalk line.

108



Cut pieces for the ridge cap. See instructions on the shingle package, a regular utility knife will work good to cut this, cut shingles from back side. then install on the top using 7/8" roofing nails.

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109



Continue with caps as shown.

110



Finish ridge caps with the tab as pictured.

111



Next install ridge caps on the dormer.

112



Continue with ridge caps on dormer as shown.

113



Final of ridge cap.

114



Your finished product!