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For help with assembly
or product information contact us at...

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EMAIL:

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SUPPORT HOURS

Monday-Friday 8:00 am to 4:30 pm EST

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LITTLE COTTAGE CO.

Value Gambrel Barn with 4' Sidewall

ASSEMBLY INSTRUCTION MANUAL



SIZES: 8x8, 8x10, 8x12, 8x14, 8x16, 10x10, 10x12, 10x14, 10x16, 10x18, 10x20,
12x12, 12x14, 12x16, 12x18, 12x20, 12x24

TOOLS NEEDED:

- Cordless Drill (12 V or Higher)
- #2 Square Drive Bit
- Hammer
- 6' Step Ladder
- Tape Measure
- Square Utility Knife with Blade and Hook Blade
- Speed Square
- Chalk and Chalk Line

ITEMS TO PURCHASE:

- Shingles
- Drip Edge
- Paint
- Caulk, Optional

For Quantities See The Kit Packing List Included



LITTLE COTTAGE CO.

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VALUE
GAMBREL
4' SW



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THANK YOU for purchasing from Little Cottage Company!

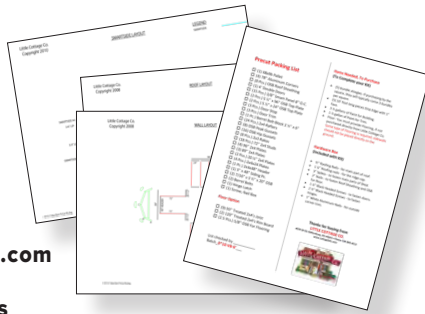
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1. TO BEGIN CONSTRUCTION of your new building, first locate the Layout diagrams (Wall, Roof, etc.) along with the Kit Packing List that is included with your assembly manual. **Please see the Kit Packing List for items you will need to purchase to help assemble this kit.**

You will be following the Layout diagrams provided for placement and using this Assembly Manual as a guideline.

NOTE: An **8x10 building** was used for the pictures shown in this assembly manual.



3. Start at the corner and use the speed square to make sure the corner is flush and fasten with 3" nails.



5. Set OSB sheathing in place, using the speed square, make sure the OSB is flush with the 2x4 on both sides.



2. Locate the FLOOR LAYOUT DIAGRAM, referring to the diagram, find and place the rim boards and floor joists on a level surface, spacing them as shown on the floor diagram layout. Your layout may look different due to the size of your unit.



4. Next square up the floor. To square the floor, use a tape measure to find the distance from one corner to the other, then measure the diagonal between the remaining 2 corners. If the two measurements are the same, then your floor is already squared. If they aren't, adjust the floor until the measurements are the same.



6. Secure the OSB sheathing in place by fastening it with 2" nails to the 2x4's every 6-8 inches.



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7. Using the WALL LAYOUT DIAGRAM sheet. Locate the 2x4 studs for the wall section and layout as shown.



8. To create the interior wall, fasten the 2x4 studs with 3" nails, in between the 2x4 top & bottom plates



9. Next locate the Smartside Siding. Refer to the SMARTSIDE LAYOUT sheet for placement. Place the siding on top of the 2x4 studs as shown, making sure the top, and sides, are flush. Secure it with 2" nails.



10. Always fasten the top first and keep flush with the 2x4 top plate.



11. Continue installing Smartside siding. There will be a 3" skirt at the bottom.



12. Next install 7/16 OSB top plate as shown.



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13. Make sure the OSB top plate is flush on the bottom side (inside of wall), and the side.



14. Lay wall off to the side as shown.



15. Build the next wall as shown.



16. Continue installing Smartside siding, making sure all is flush.



17. Make sure that you always fasten the top first and keep flush with the 2x4 top plate.



18. Continue installing the Smartside siding.



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19. Install the 7/16 OSB as shown. Making sure the OSB top plate is flush on the bottom side (inside of wall), and side.



20. Lay wall off to the side as shown.



21. Using the WALL LAYOUT DIAGRAM sheet. Locate the back wall plates, and studs, and lay them out as shown in the diagram.



22. Fasten the wall plates and studs together with 3" nails, as shown.



23. Using the WALL LAYOUT DIAGRAM sheet. Locate the truss pieces. Match truss A, B, and C. Secure with 3" nails.





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24. Temporarily install the piece of 7/16 x 3 1/2 x 20 OSB to the top plate. Measure out 5 1/2" from the edge of the top plate as shown, and fasten.



25. Fasten the truss to the temporary piece of OSB, with a 1 1/4" blackheaded screw as shown, repeat on the other side.



26. Now it is ready for gable studs. Refer to your WALL DIAGRAM LAYOUT sheet for your particular layout.



27. Place the gable studs and fasten with 3" nails.



28. Continue with gable studs, secure with 3" nails.





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30. Measure 3 1/2" out from the edge of the 2x4 plate and secure with 2" nails.



31. Next layout 2x4's, as shown for the door wall. See wall layout for correct measurements.



32. Secure 2x4 plates as shown with 3" nails. Make sure it is flush.



33. Continue fastening the wall.



34. Install the 2x4 with notch, on top of the header. Secure with 3" nails.



35. Temporarily install the piece of 7 1/6" x 3 1/2" x 20" OSB to the 2x4 that is attached to the middle of door, as shown. Measure out 5 1/2" and fasten with 1 1/4" blackheaded screws. Repeat on other side.

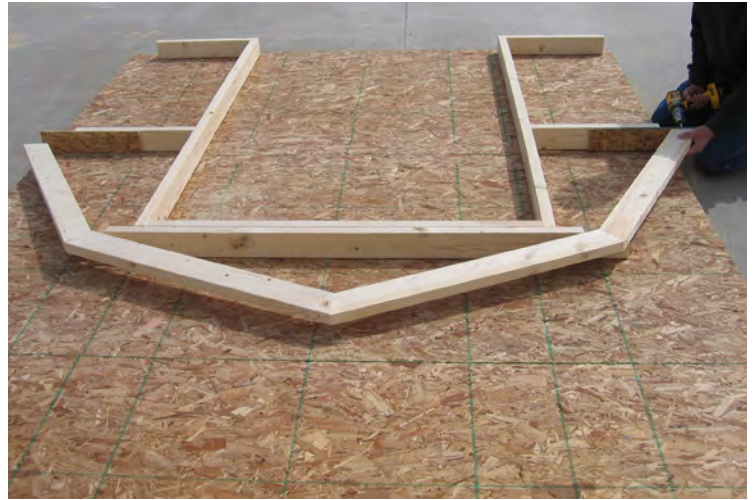


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36. Now locate the rafter. See the WALL LAYOUT DIAGRAM sheet to match truss A, B, and C. Secure with 3" nails.



37. Next place the truss as shown and fasten with 1 1/4" blackheaded screw.



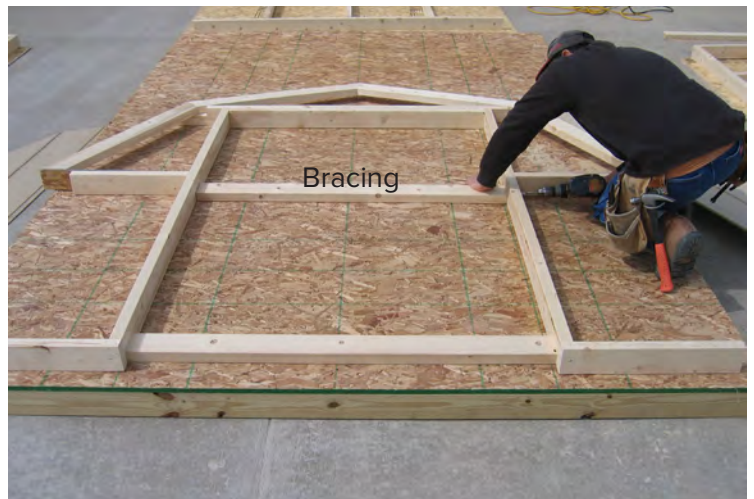
38. Make sure the truss is flush on top and outside with the OSB before fastening.



39. Nail the truss on top of the 2x4 where notched.



40. Install 48" or 60" (depending on door width) 2x4's, flat, for temporary bracing. Secure with 2 1/2" screws.



41. Continue with bracing.



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42. Next install Smartside siding. Make sure it is flush on the inside and measures 3" from the plate on the bottom as shown.



43. Measure 3" from bottom of 2x4, as shown, and secure panel with 2" nails.



44. Make sure the Smartside is flush on the inside of the 2x4 as shown and secure with 2" nails.



45. Install the top section of Smart side.



46. Continue with siding and secure with 2" nails.



47. Continue as shown. Fasten Smartside 8" on center.



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48. Next install the door stops and keep flush with the top of the 2x4 (not Smartside) and secure with 2" nails.



49. Install the 2 3/4" trim around the door and secure with 2" nails.



50. Install the trim block in the center of the header, and secure with 2" nails.



51. For rake installation, measure 2 1/2" from the edge of the Smartside, and mark with pencil, as shown.



52. Do the same as pictured before.



53. Now install the 2x3 rake. Install at 2 1/2" marks so the 2x3 will be flush with the 7/16 OSB roof sheathing once installed.



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54. Make sure the rakes are all installed and fastened with 3" nails.



55. Remove 2x4 brace. Top and bottom.



56. Remove 7/16 x 3 1/2 x 20 OSB.



57. Lay wall off to the side.



58. Next locate all truss parts, and using the previously assembled gable truss, as a template, layout the trusses.



59. Install OSB gussets, as shown, and secure with 2" nails to start truss assembly.



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60. Continue installing OSB gussets. See diagram for more information.



61. Pickup the truss, as shown, and flip it over, to attach the OSB gussets on the opposite side.



62. Lay truss in place.



63. Now install OSB gussets on opposite site, using the 2" nails to finish truss assembly.



64. Continue assembling trusses till all trusses are complete.



65. Using the WALL LAYOUT DIAGRAM sheet, install the wall, and fasten with 3" nails.



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66. Fasten opposite end same as last picture.



67. Continue with walls.



68. Next install gable wall.



69. Make sure the walls fit nice and tight and fasten with 2" nails every 8".



70. Fasten the bottom with 2" nails every 8 inches.



71. Install the front gable.



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72. Fasten with 2" nails every 8".



73. Make sure you have 48" or 60" (depending on building width) in between the door opening, 48" on 8' wide buildings and 60" on 10' and wider buildings.



74. Install kick plate. Keep flush with top of floor and fasten with 2" nails.



75. Locate the temporary wall braces.



76. Space wall braces according to width of the building and attach with 2 1/2" screws.



77. The temporary wall brace will be removed when building assembly is completed.



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78. Hang trusses on the walls.



79. Install trusses, as shown, making sure they are 24" on center before fastening.



80. Secure with 3" nails where marked. Put a nail on each side and on the front.



81. Locate OSB sheathing for the roofing.



82. Install the first piece of sheathing as shown.



83. Secure the outside corner with 2" nails.



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84. Secure with 2" nails as shown.



85. Make sure the trusses are 24" on center before fastening.



86. Now fasten the top outside corner.



87. Continue with OSB Sheeting and fasten every 6" to 8" with 2" nails.



88. Continue with OSB...



89. Fasten with 2" nails.



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90. Continue with sheathing.



91. Continue with the sheathing.



92. Next install aluminum corners and secure with 2" nails.



93. For door installation, you will be using three hinges, per side. Use one 2 1/2" blackheaded screw, per hinge. Fill the remaining screw holes with 1 1/4" screws. This is done for both sides.



94. Fasten the hinges on the top, middle and bottom.



95. Install the barrel bolt, using 1 1/4" screws, on the inside of the left hand door (facing).



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96. Then install the barrel bolt at the top of the door.



97. Use your hammer to tap on the barrel bolt to locate the mark.



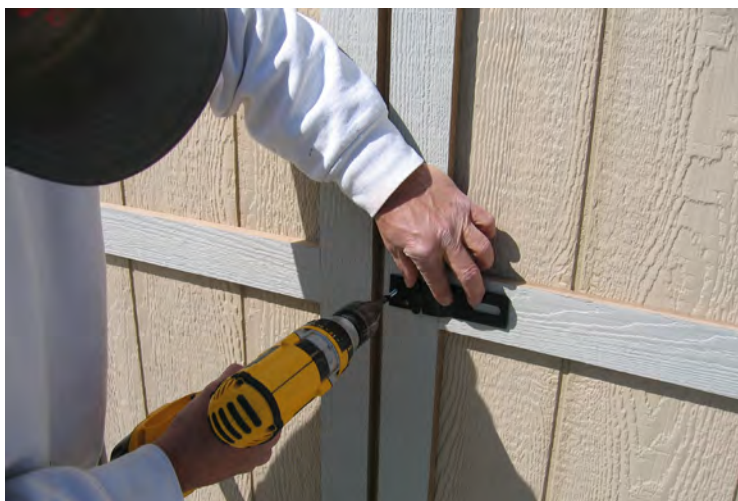
98. Do the same for the top.



99. Now use your 5/16" drill bit to drill the hole.



100. Again, do the same for the top.



101. Locate the latch. Install half of the latch, as pictured, on one of the doors, with 1 1/4" screws.



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102. Line up and install the other half of the latch on the opposite door



103. Next install the drip edge (drip edge not included - see kit packing list for amount of drip edge you will need to purchase).



104. Fasten with 3/4" nails about every 12" along the entire edge of the building.



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



106. Continue to install the drip edge.



107. Installing shingles. (Shingles not included - see kit packing list for amount of shingles you will need to purchase). Snap a chalk line along the roof sheathing consistent with the width of the shingle starter strip.



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108. Consult the instructions provided with your shingle package. Install the first starter strip along the chalk line as shown.



109. Continue as shown.



110. Continue to install shingles in a staggered fashion.



111. Continue attaching shingles to the top of the roof section, staggering as shown.



112. Cut the ridge caps and install the first one as shown.



113. Continue with ridge caps as shown.



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114. Complete caps as shown.



115. Construction is now complete and your primed building is now ready for paint. Refer to the Kit Packing List for the required paint quantities to purchase.