Round Roof Chicken Coop Manual

Tools Needed:

- Cordless Drill (12V or higher)
- #2 Square Drive Bit
- Hammer
- 6' Step Ladder
- Tape Measure
- Square utility knife
  w/ blade & hook blade
- Speed Square
- 5/16" Wood Drill bit

Round Roof Chicken Coop Manual

1

Starting with treated 4x4's as shown. There are 5 runners divided up as shown.

2

Next layout 2x4's for floor joist.

3

Use square to make sure joist is flush on top of rim as shown and secure with 2 1/2" screws.

4

Joists are secured to rim.

5

Next make sure 4x4 is flush with rim as shown and secure with 2 1/2" screws.

6

Continue with floor as shown.

7

Continue all the way out around as shown so 2x4 is flush with 4x4 and secure with 2 1/2" screws.

8

Next make sure 4x4's are positioned in place and secure with 2 1/2" screws as shown.

9

Next measure from corner to corner to make sure floor is square.

10

After floor is squared up secure joist in center rows with 2 1/2" screws 1 on each side.

11

Continue from last picture.

12

Locate 5/8 CDX Flooring

13

Start at corner as shown. Use square to make sure plywood is flush and secure with 1 1/4" screws as shown.

14

Secure all outside edges as shown.

15

Continue with floor until plywood is complete.

16

We recommend inserting 1 1/4" screws every 8" to 10" .

17

The Floor is complete.

18

Next locate walls and lay them out as shown.

19

Set wall up and apply pressure on outside as shown. Also make sure wall is flush on end as shown. Secure with 2 1/2" screws.

20

Repeat from last picture.

21

Continue with walls as shown.

22

Apply Pressure on outside and secure with 2 1/2" screws.

23

Install walls on opposite side and repeat.

24

Make sure 2x4's are flush where the 2 walls meet.

25

Locate 2x8 Top Plate.

26

Next install top plates. Make sure plates are flush on inside and at end as shown. Secure with 2 1/2" screws.

27

Continue with top plates and make sure it is flush on inside as shown.

28

Top Plates are complete.

29

Next locate end wall with window.

30

Position wall in place and apply pressure on outside as shown.

31

While applying pressure on outside, secure wall with 2 1/2" screws.

32

Make sure rafter is flush with 2x6 top plate and secure with 2 1/2" screws.

33

Next install other section of gable wall.

34

This is where the window opening meets. Make sure plates are flush, secure with 2 1/2" screws.

35

Insert 3 to 4 2 1/2" screws, where 2x4's meet to tie wall together.

36

Next locate 2x4 for above window.

37

Insert 2x4 as shown.

38

Use square to make sure 2x's are flush as shown and secure with 2 1/2" screw.

39

Also insert 2 1/2" screw from bottom of header up into 2x4 as shown.

40

Secure all loose 2x4's with 2 1/2" screws as shown.

41

Insert 1 1/4" screw through siding into 2x6 Top Plate.

42

Next secure corner with 1 1/4" screw every 10".

43

Next secure the bottom edge all the way around with 1 1/4" screws 8" on center.

44

Next install front panels where adult door is.

45

Repeat from back wall.

46

Apply pressure on the outside as shown and secure with 2 1/2" screws.

47

Make sure all four corners are flush on outside of top plate as shown.

48

Install last section of wall.

49

Make sure you have a 36" opening.

50

Now secure wall if opening is 36"

51

Install 2x4 above door brace. Repeat from back wall.

52

Center ridge for roof. Make sure 2x4's don't splice same as 2x6.

53

Lay out 2x6 and screw 2x4 on top. Stay even with pencil mark.

54

Secure with 2 1/2" screw every 12" to 16" .

55

Continue with 2x4's on 2x6

56

Next flip 2x6 over and install 2x4 on bottom side as shown.

57

Make sure bottom is flush.

58

Next install ridge as shown.

59

Install with 2x4's on bottom edge.

60

Secure with 2 1/2" screws on each end.

61

Locate Rafters.

62

Install top first and secure with 2 1/2" screws.

63

Once top is secured go to next picture for details.

64

2x8 Top Plate is marked where to install truss.

65

Once truss is in position secure with 2 1/2" screws.

66

One screw on outside and one on each side of truss as shown.

67

Trusses are all in place and ready for 1x6 sheeting.

68

Locate 1x6 sheeting for roof.

69

Start with short piece. 1x6 needs to overhang 6" from siding. Secure with 2 1/2" screws.

70

Make sure bottom of 1x6 is flush with 2x8 Top Plate as shown.

71

Continue with 1x6 sheeting and keep bottom flush with 2x8 as shown.

72

Install second piece and it will come out that is will overhang.

73

Start second row with short piece.

74

Continue with 1x6 roof layout.

75

Continue going over the top as shown.

76

Continue going over the top as shown.

77

Continue coming down from the top as shown.

78

Make sure both ends measure close to the same at bottom.

79

Install last piece which had to be ripped.

80

Next remove 2x3 braces on inside from rafters.

81

This is what the inside looks like when braces are removed.

82

Next locate the collar ties. They are cut on each end.

83

Locate the center mark on collar tie and make sure it center with 2x6 as shown. Secure with 2 1/2" screws at center and each end.

84

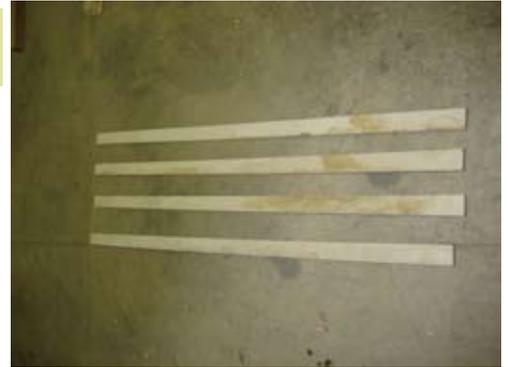Collar ties are complete.

85

Secure with 2 1/2" screws as shown.

86

Locate rafter trim.

87

Next place rafter trim.

88

You will have to bend it according to the roof.

89

Use square to make sure rafter trim is flush on bottom as shown. Secure with 1 1/4" screws.

90

Continue fastening rafter trim with 1 1/4" screws as needed.

91

Repeat with rafter trim.

92

Continue with rafter trim.

93

This is what it should look like on top peak of roof.

94

Locate 30x36 window.

95

Make sure window is centered in opening and secure with 1 1/4" screws as needed.

96

Securing window with 1 1/4" screw.

97

Locate window trim.

98

Place first piece of trim as shown.

99

This shows how the trim needs to be placed.

100

Secure with 1 1/4" screws as needed.

101

Continue with trim.

102

Repeat from other side.

103

Next install bottom piece.

104

Measure 3" as shown at short point.

105

Secure with 1 1/4" screw.

106

Continue with window trim.

107

Window trim is complete.

108

Locate chicken ramp.

109

Place ramp as shown.

110

Find center mark at chicken hole.

111

Keep hinge flush on top of trim as shown and secure with 1 1/4" screws.

112

Ramp is complete.

113

When ramp is not in use.

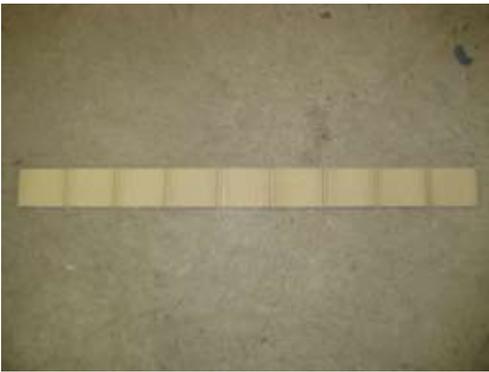**114**

Locate outside corner trim.

115

Install outside corner trim and secure.

116

Secure corner with 1 1/4" screws every 8" on center.

117

Locate 3x36 LP Smart siding strip.

118

Place 3x36 trim below door.

119

Secure with 1 1/4" screws.

120

Locate trim for top of door.

121

Place trim as shown.

122

Make sure trim is center with opening.

123

Secure with 1 1/4" screws as needed.

124

Locate door.

125

Place door as shown.

126

Use 2 1/4" black headed screws to secure hinge.

127

Fill all holes with screws.

128

Continue inserting screws.

129

Locate door latch.

130

Install latches as shown.

131

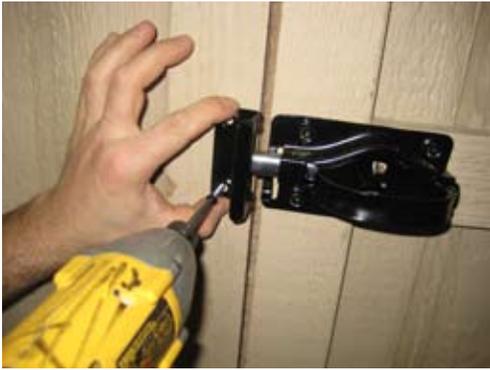Use square and make sure latch doesn't overhang trim.

132

Secure with 1 1/4" screws as shown.

133

Next install latch to keep door shut.

134

Next install drip edge.

135

Cut drip edge off as shown.

136

Start with starter strips.

137

Install shingles as shown and secure with 3/4" nails.

138

Continue with shingling.

139

Continue with Shingling as shown.

140

Make sure shingles are cut off at 1/2" over the edge of the roof.

141

Shingle to here on first side and repeat on other side.

142

After both sides are 3/4 ways up as shown. Roll out felt paper as shown.

143

Continue with felt paper.

144

Next prep to install ridge caps.

145

Your shingle cap is 12" wide so you run a chalk line 5 3/4" from ridge as shown.

146

Start off with a 12" tar strip as shown.

147

Continue with caps as shown all the way to the end.

148

Your finished product!