



Best Barns USA Assembly Book

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Roof Dormer Instructions for the Arlington

Manufactured by Reynolds Building Systems, Inc.

205 Arlington Drive, Greenville, PA 16125

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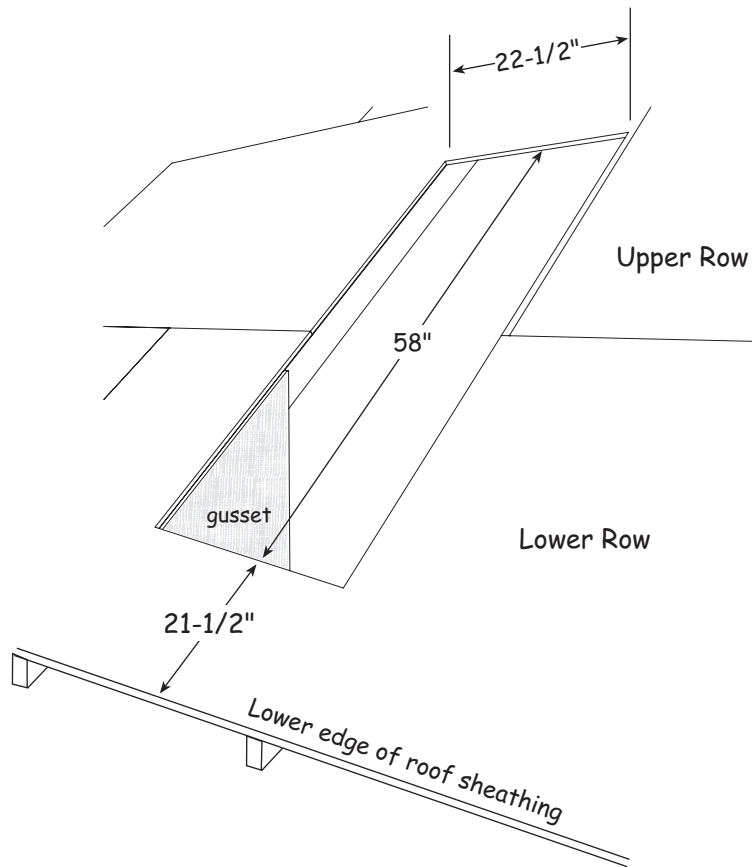
Step 1 Cut Openings in Roof Sheathing



Choose a location to cut out dormer openings. The placement should be between two trusses but can be anywhere you like. Suggested locations are between the 2nd and 3rd trusses on a 12'x16' building. Or the 3rd and 4th trusses on a 12'x20' building. Or the 4th and 5th trusses on a 12'x24' building.

A circular saw set to a 1/2" depth works well for this.

1. Measure up from bottom roof edge 21-1/2". Cut an opening 22-1/2" wide x 58" high.

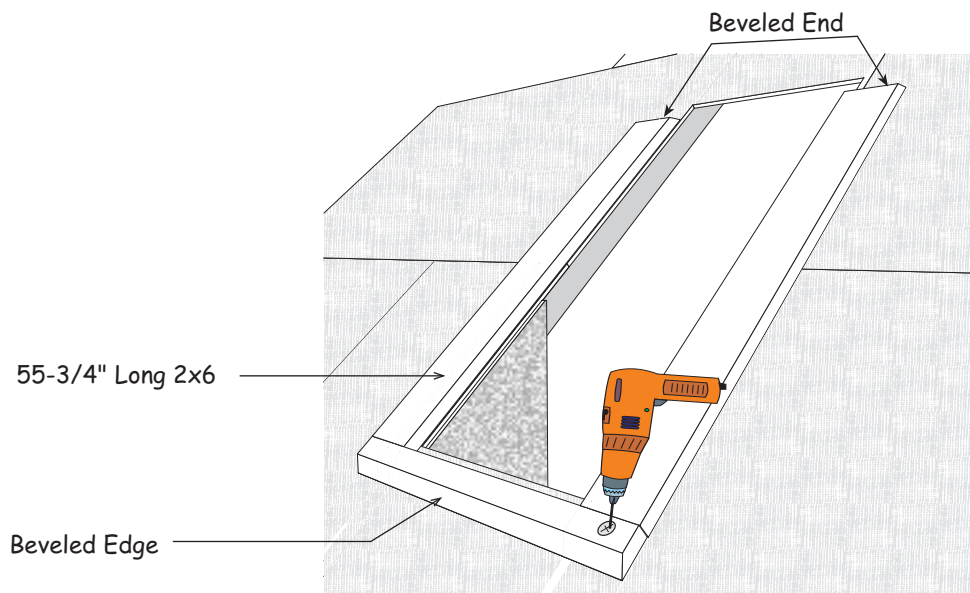


Step 2 Install Bottom Dormer Plates



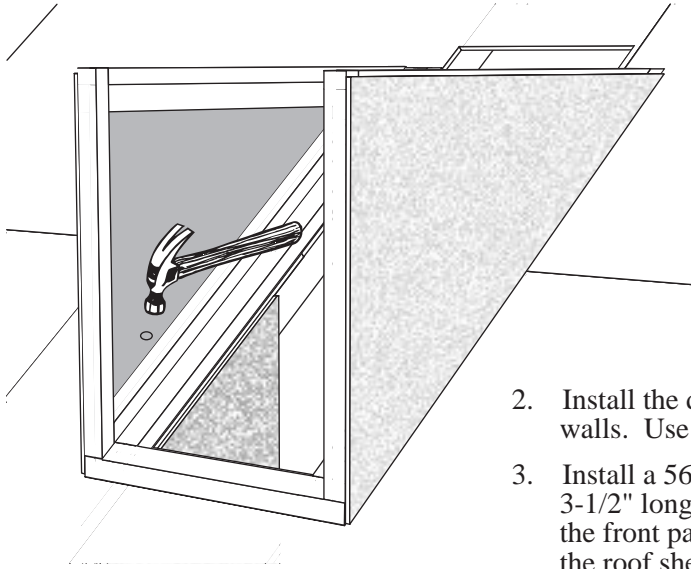
If you choose a location other than between trusses you will need to provide additional support on the interior of the roof sheathing to screw dormer components too.

1. Install a 33-1/2" long 2x4, *this 2x4 has a bevel cut on one long edge*, at the bottom of the opening. Center the board to the opening and with square edge side flush with bottom of opening. Use (1) one 2-1/2" long screw to secure to each truss.
2. Install (2) two 55-3/4" long 2x6 boards, *these 2x6s has a bevel cut on one end*, flush with the ends of the 33-1/2" board. Orient beveled edge toward the roof peak. Use (3) three 2-1/2" long screws on each board.

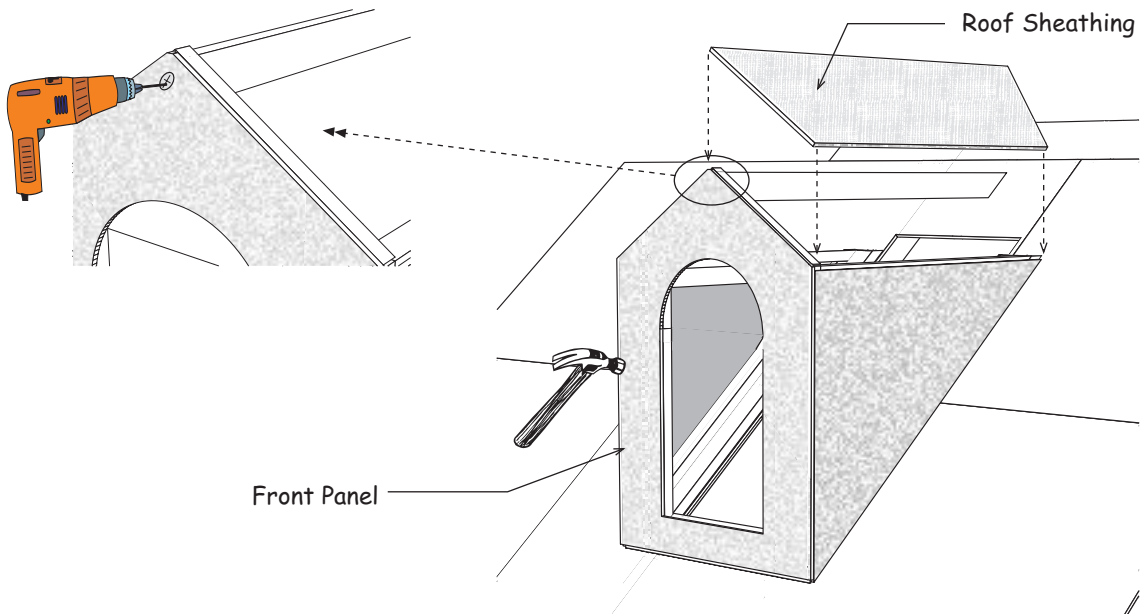


Step 3 Set Dormer Side Walls

1. Install angled side wall panels over the 2x6 plates. Secure with (3) three 10d sinkers each.

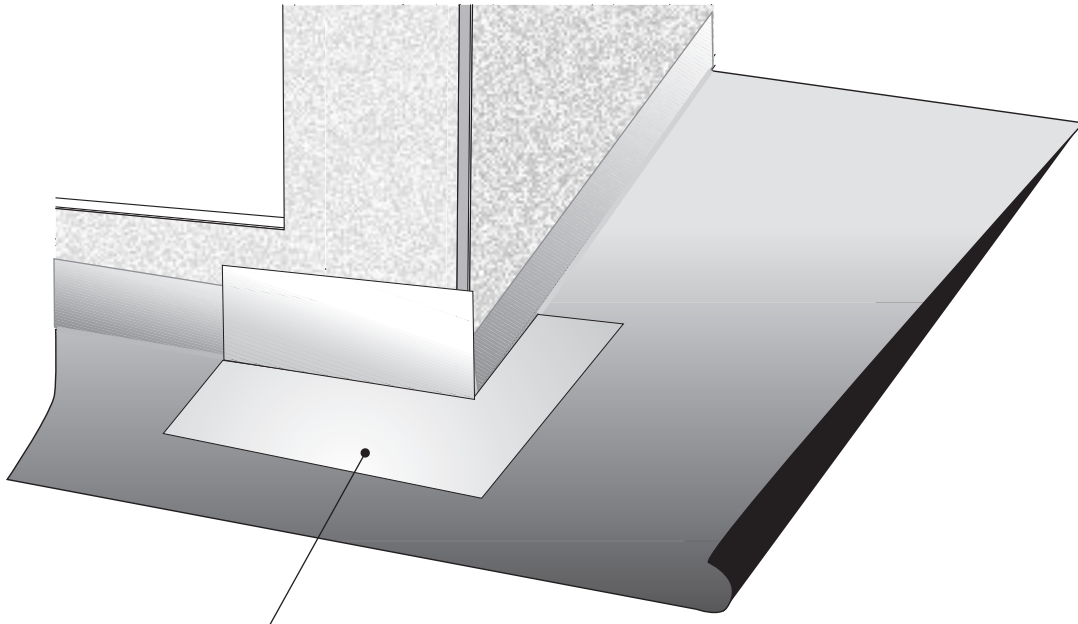


2. Install the dormer front panel between the side walls. Use 10d sinkers.
3. Install a 56-1/2" long 2x4 at the top. Use (2) two 3-1/2" long screws to secure the 2x4 to the top of the front panel. Secure the other end of the 2x4 to the roof sheathing with 2-1/2" wood screws.
4. Install 20-1/2" x 58-3/4" long roof sheathing. Install the sheathing flush with the front and side walls. Use 6d common nails..



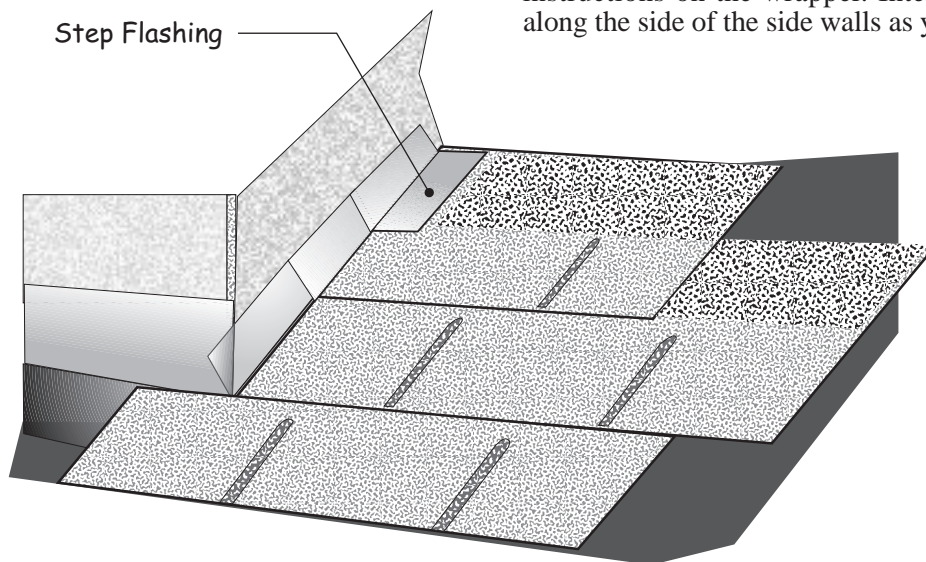
Step 4 Install Dormer Flashing

1. Staple felt paper, *purchased separately*, over roof sheathing and lower portion of dormer walls.



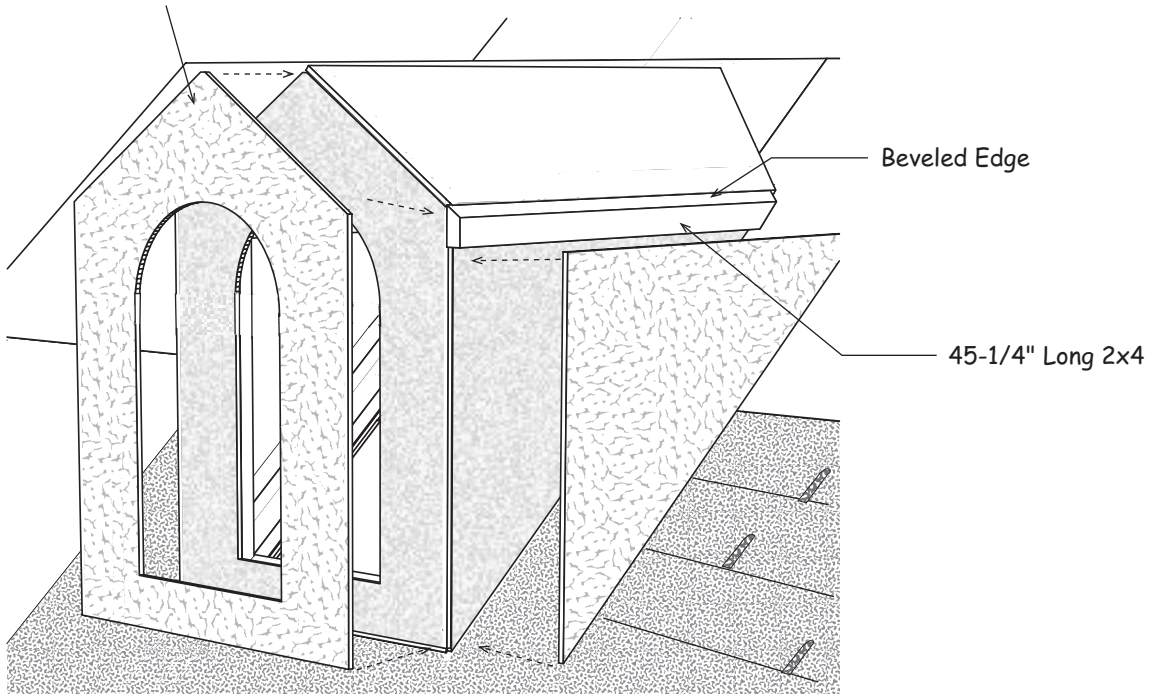
2. Install 7"x41" metal flashing along the dormer. Cut flashing around dormer. Use roofing nails, *purchased separately*.

3. Install roof shingles according to the manufacture's instructions on the wrapper. Interlace step flashing along the side of the side walls as you install shingles.

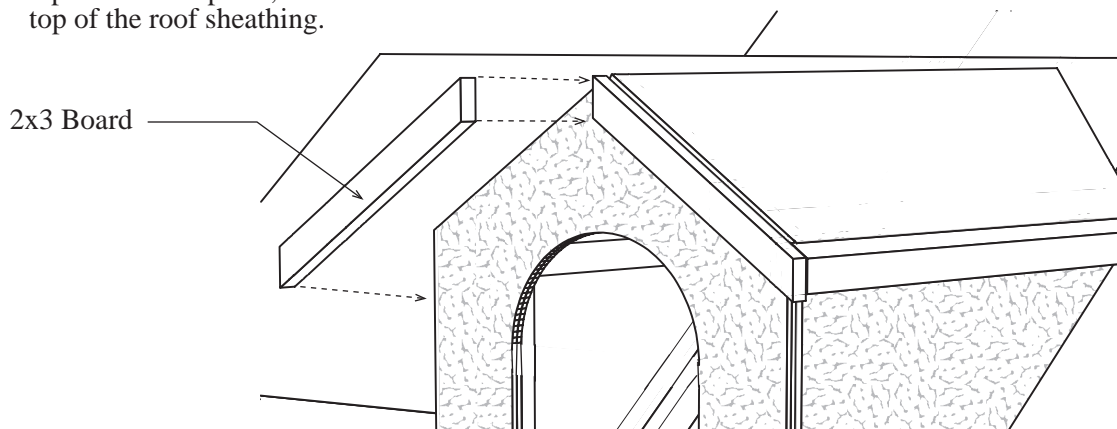


Step 5 Install Primed Exterior Siding & Gable Overhang

1. Install primed siding over the front wall. Use 6d galv. nails.



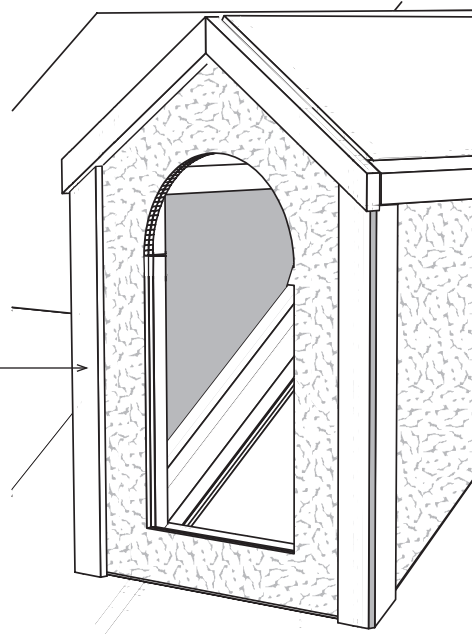
2. Install a 45-1/4" long 2x4, *this 2x4 has a bevel cut on one long edge*, on the top of the side wall. Install the 2x4 with the beveled edge flush with the top of the roof sheathing.
3. Install the primed siding on the side walls under 2x4. These panels should not touch the shingles so to prevent damage from moisture. Use 6d galv. nails. Paint the bottom edges of siding.
4. Install 22-3/4" long 2x3s over at the top of the front panel, flush with the top of the roof sheathing.



Step 6 Install Corner Trim

1. Install 34-1/4" long 1x3 white pine trim on the dormer sides, flush with the siding on the front of the dormer. Bottom of trim should not touch the shingles. Use 6d galv. nails. Paint bottom edge.
2. Install 37" long 1x3 corner trim on the front of the dormer. Bottom of trim should not touch the shingles. Use 6d galv. nails. Paint bottom edge.

1x3-37" Corner Trim



Step 7 Install Gable Trim

1. Install 45-1/4" long 1x4 white pine trim on the dormer sides, flush with the roof sheathing.
2. Install 23-3/4" long 1x4 trim over the 2x3 boards on the front of the dormer. Install trim flush with the top of the roof sheathing.

1x4 Gable Trim

45-1/4" Long
Fascia Trim

3. Install windows with screws provided.

