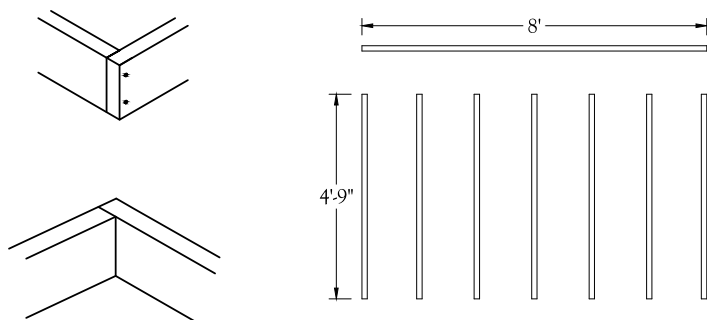
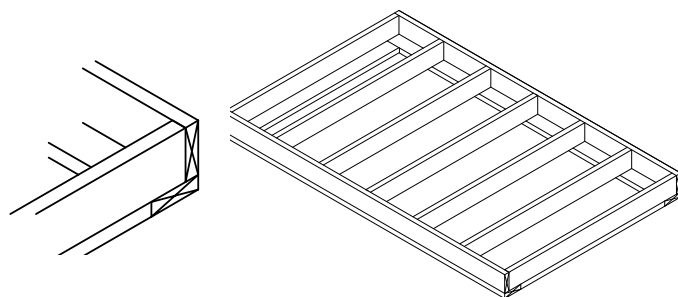
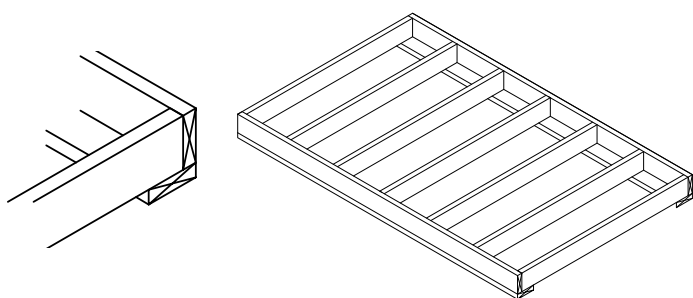


Floor



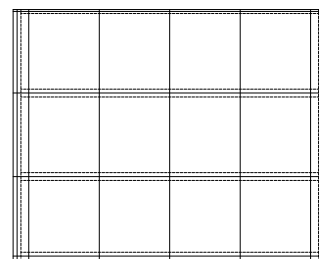
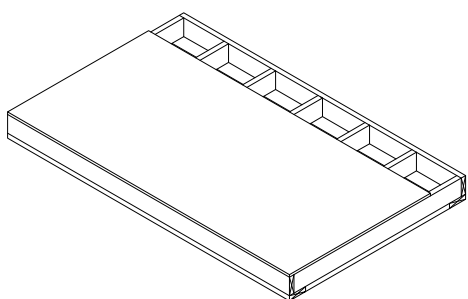
- 1 Screw 2 x 6 joists into perpendicular 2 x 6 joist. Each joist is spaced 16" on center. Screw two screws through both 2 x 6 joists as shown.

- 2 Screw another 2 x 6 joist to the other end of the 2 x 6 studs to complete the frame. Measure the diagonals of the frame to make sure it is square.



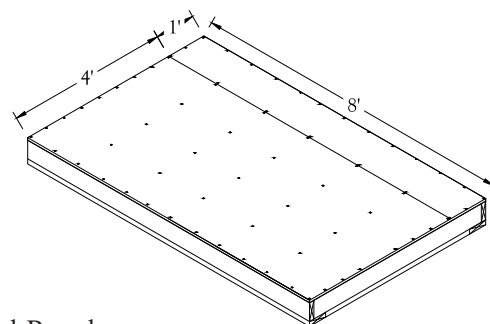
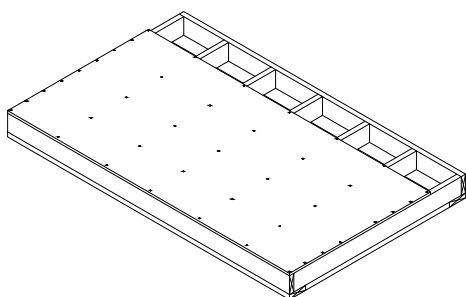
- 3 Along both 8' lengths nail another 2 x 6 joist as pictured.

- 4 Along both 5' lengths nail another 2 x 6 joist as pictured. Flip entire frame so that recently screwed 2 x 6 studs are on the bottom. Make sure that the floor frame is perfectly square. This will help when building the roof trusses.



- 5 Layout 3/4" plywood and mark the center of each stud on the face of the plywood. Tack down the plywood with 1 5/8" screws.

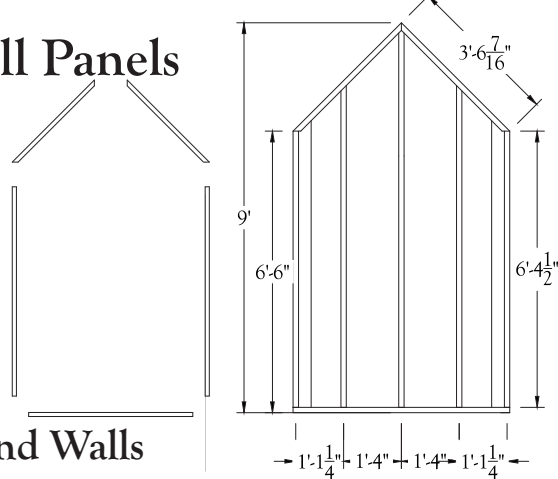
- 6 Use marked studs to lay out a grid. Measure out every six inches perpendicular to the stud lines. Screw down at every other intersection point.



- 7 Cut a second sheet of plywood. Repeat the process for the second sheet of plywood. Screw down the edge of each sheet at about every six inches.

Final Result

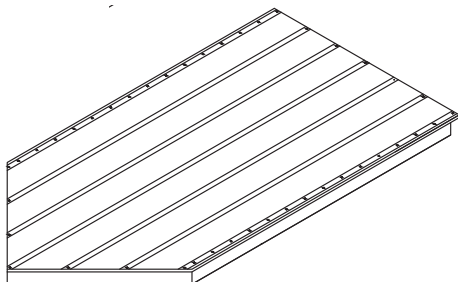
Wall Panels



End Walls

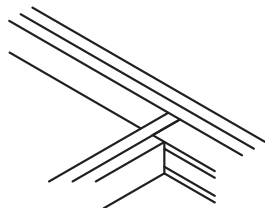
1

Measure and cut 2 x 3 studs for the perimeter of the wall. Nail together. Cut and screw the remaining 2 x 3 studs into place.



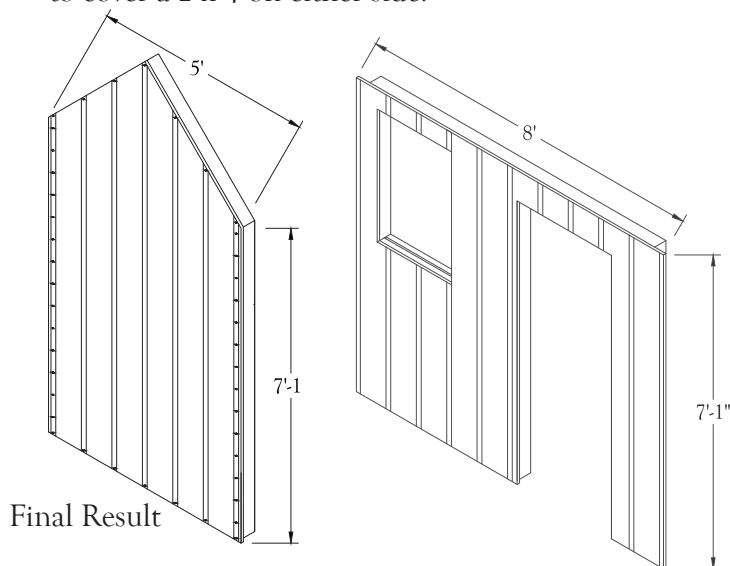
3

Measure and cut 4' x 8' T1-11 flush to the top of the walls screw into studs on the exterior. Use tongue and groove on the sides of the panels to join panels. Allow for enough overhang to cover the floor joists. Nail into studs. Repeat all steps to produce a second end wall.



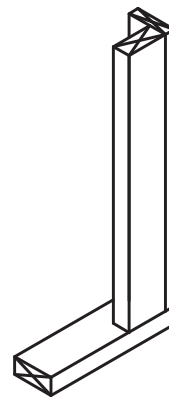
2

Nail the headers in place for both the door and window. Measure and cut two 1/2" sheets of OSB to cover a 2 x 4 on either side.



2

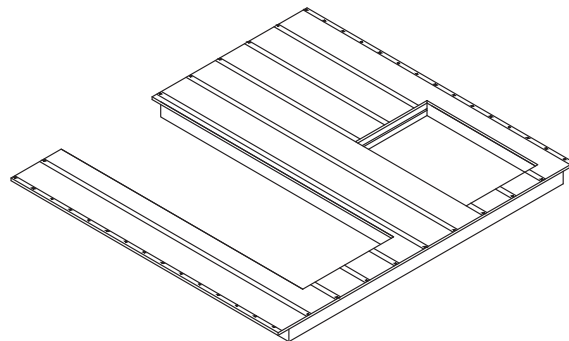
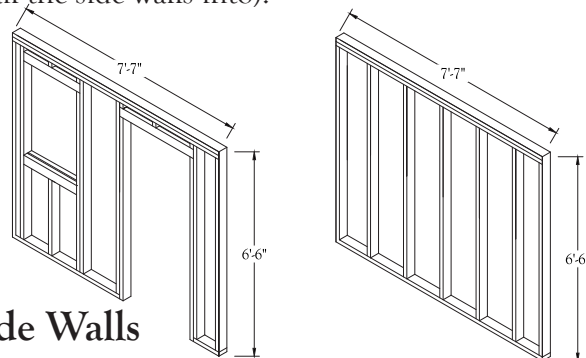
Add an additional 2 x 3 on the left and right of the frame as pictured (this will provide something to nail the side walls into).



Side Walls

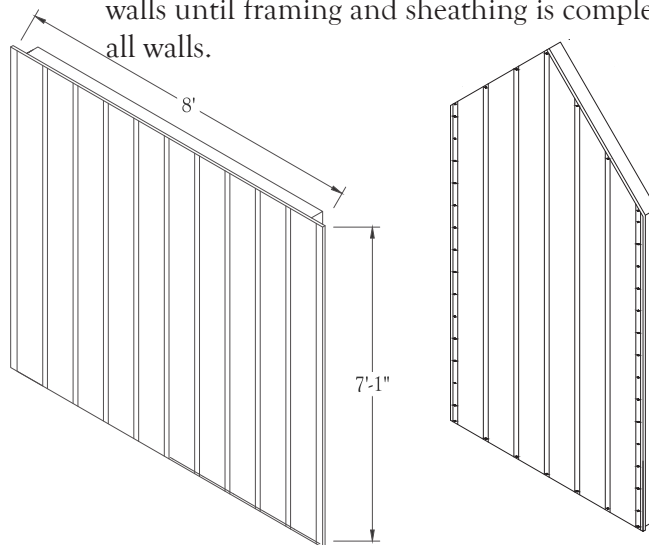
1

Cut and assemble the studs following the same process as was done to frame the floor. Use the floor to ensure that the walls are perfectly square.

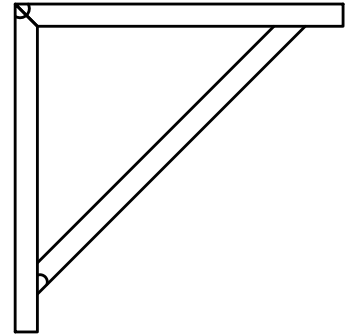
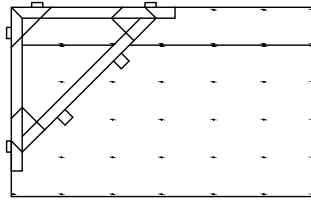
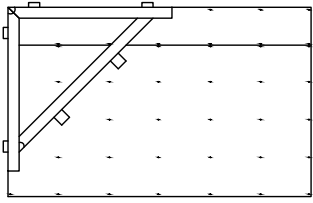


3

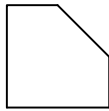
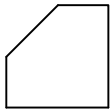
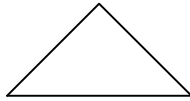
Measure and cut T1-11. Nail into place. Leave enough overhang on each end to cover the edges of the side walls and floor joists. Don't begin erecting walls until framing and sheathing is completed for all walls.



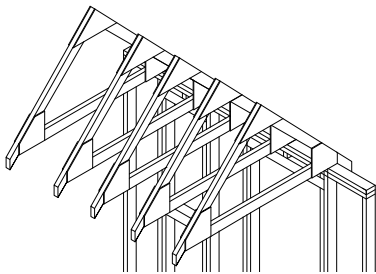
Roof Trusses



- 1 Before erecting walls, use floor frame to construct roof trusses.

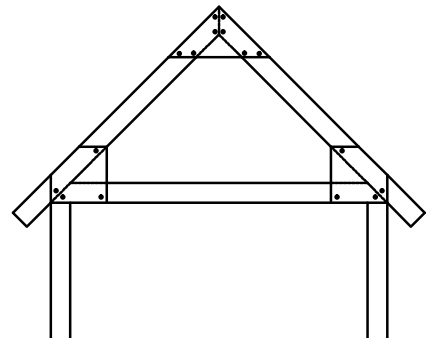


- 3 Use plywood and cut two truss supports in a triangular shape. The base is 18" and the height of the triangle is 9". Cut four supports at 10" x 10."

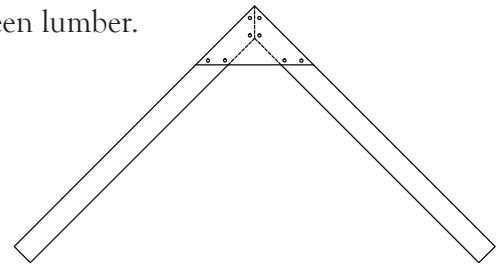


- 5 Attach roof supports with 1" roofing nails. Flip the truss over and repeat. Repeat all steps until you have 7 trusses.

- 2 Cut two 2x4 pieces to 4'4" at a 45 degree on one side and square on the other. Cut a third 2x4 at 5' with two 45 degree angles facing inward.

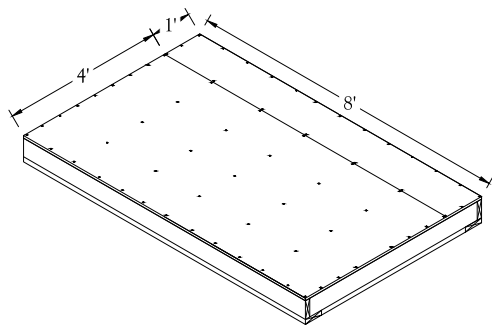


- 4 Put the 2x4s together. Secure them by lining the pieces up with the edge of the floor. Screw two place holding blocks on each edge flush with that edge. Screw two more on the bottom to tightly hold the bottom chord piece. Use construction glue in between lumber.

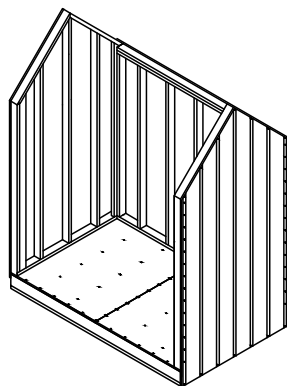


- 5 Assemble a final truss with only the two triangular pieces. Cut 4 2 x 4s at 45 degrees on one end and square on the other. Use triangular OSB support to secure.

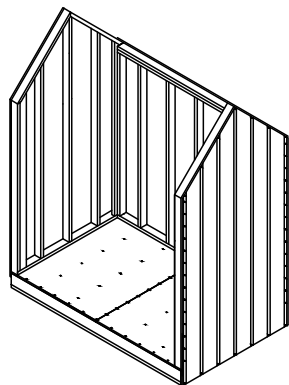
Joining Panels



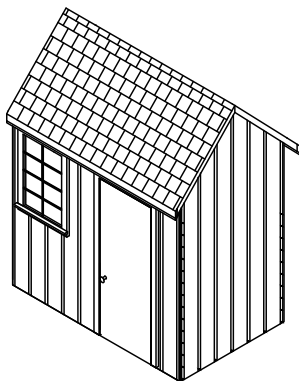
- 1 Set up floor frame so that it is level. Horizontal 2" x 6"s should be on the bottom.



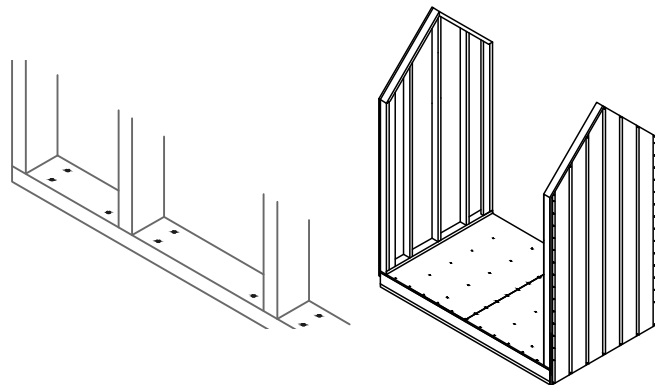
- 3 Repeat the same process for the side walls.



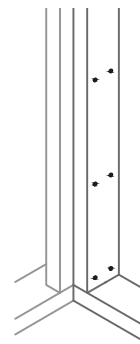
- 5 Nail the sheathing overhang on the side walls into the frame of the end walls. Nail each wall's sheathing into floor frame using 2 1/2" nails.



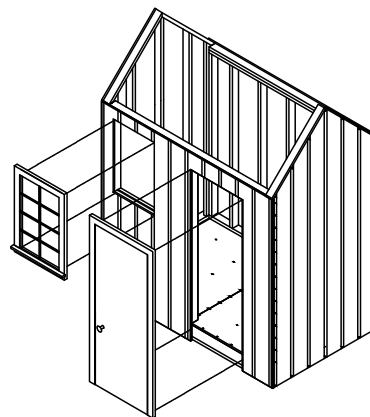
- 7 Install roof.



- 2 Erect the end walls first. Nail through the 2" x 4" at the bottom of the wall frame into the floor with 3 1/2" nails. Place nails as shown.

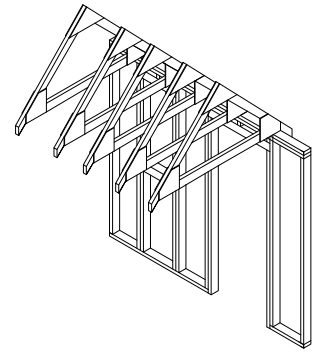
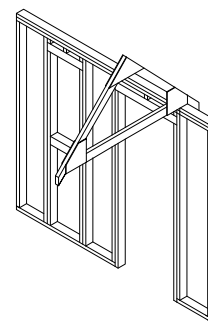
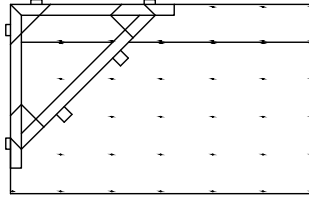
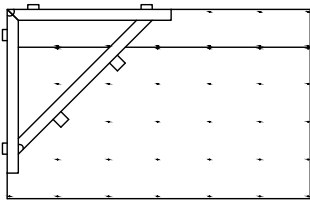


- 4 Nail the side walls into the end walls from the interior of the shed as shown using 3 1/2" Nails.

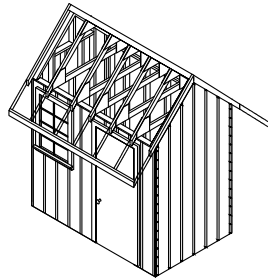
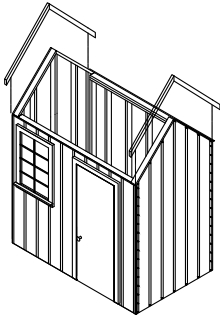


- 6 Install jambs and board siding to door frame secure with 2 1/2" nails. Install hinges. Hang door in place. Add drip cap. Center window in opening and screw into place. Install casing using 2 1/2" nails.

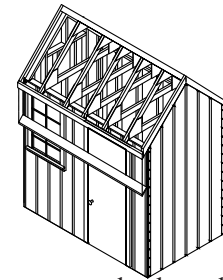
Roof



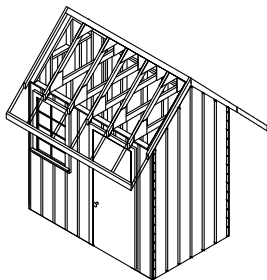
- Before erecting walls, use floor frame to construct roof trusses. Attach the final truss to the end walls so that the height is equal to the roof trusses.



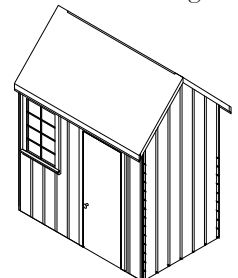
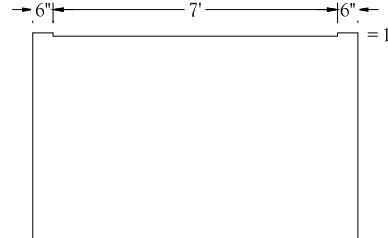
- Attach each truss to a wall stud. Screw into the front wall before screwing each truss into the back wall. Make sure that trusses are square, then attach rear. Use 3" screws to screw up through the top of the wall stud into the base of the truss. Ensure a 6" over hang with each truss.



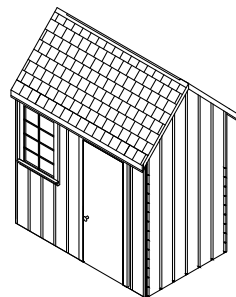
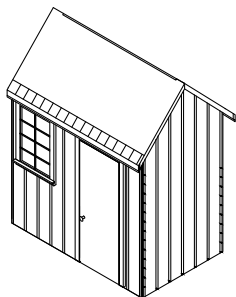
- Cut two 1x4s to run along the trusses at the top of the roof. Use 2" screws to screw into roof truss. Cut two 2 x 4 eaves about 8' 1 1/2" to cover the ends of the trusses. Use 3 1/2" screws to attach.



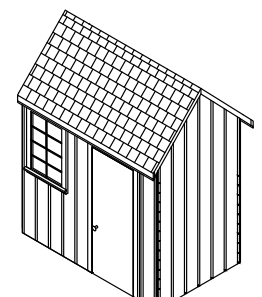
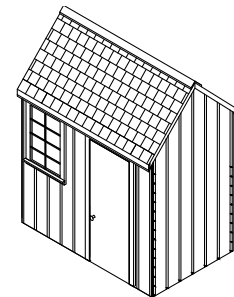
- Cut the vents to span the length of the shed by the 6" overhang of the truss. Screw soffit vents into the bottom of the eave. w/ 1" screws. Ensure plates run flush with edges of the eave and tightly along the outer wall. Screw plates into the walls using 1" screws.



- Trim the edges of the roof with a 1x 6 piece ripped to about 1 x 4 1/2. Attach 5' wall trim first followed by 8' wall trim. Use 2 1/2 nails.



- Cut OSB sheet to cover the trusses with necessary cutouts on the top edge for the ridge vent as shown. Nail into place with 2 1/2" nails.



- Install drip cap allowing for overhang. Nail down 12-16" apart. Nail down the first course (starter strip). Apply first course of architectural shingles flush with bottom edge of starter strip. Nail down next courses leaving 5" exposed and staggering each seam. Trim asphalt to edges of roof.

- Trim the upper course of shingles flush with the OSB panel on both sides of the roof. Unroll and nail ridge vent into place. Be sure to nail down just enough to hold it in place (don't compress the fibers). Cover the vent with hip and ridge shingles. Nail into place.

Stock List

Floor

- (11) 2 x 6 Joists
- (2) 3/4" Thick 5' x 8' OSB Sheets
- 3" Galvanized Decking Screws
- 1 5/8" Galvanized Decking Screws

Walls

- (40) 2" x 4" Studs
- (2) 3/4" 5' x 8' Sheets of Sheathing
- (1) Door
- (1) 2' x 3' Window
- Construction Adhesive
- 1 x 4 Cedar (door and window casings)
- 3 1/2" (16d) Nails
- 1 5/8" Screws
- 2 1/2" (8d) Nails

Roof

- (15) 2 x 4 Studs
- (2) 1 x 6
- (2) 3/4" 5' x 8' Sheets of OSB
- (2.5) Bundles of Asphalt Shingles
- Construction Glue
- 1" Roofing Nails
- 1" Screws (to attach soffit vents)
- 3" Screws (to attach trusses to studs)
- 3 1/2" Screws (to attach eaves to overhang)