



# FOX BARNS

MODULAR BARNS, SHELTERS & FENCING SOLUTIONS

## BASIC SHELTER INSTRUCTION

408-416-6602

FoxEquineBarns@gmail.com

<http://foxbarns.com/>



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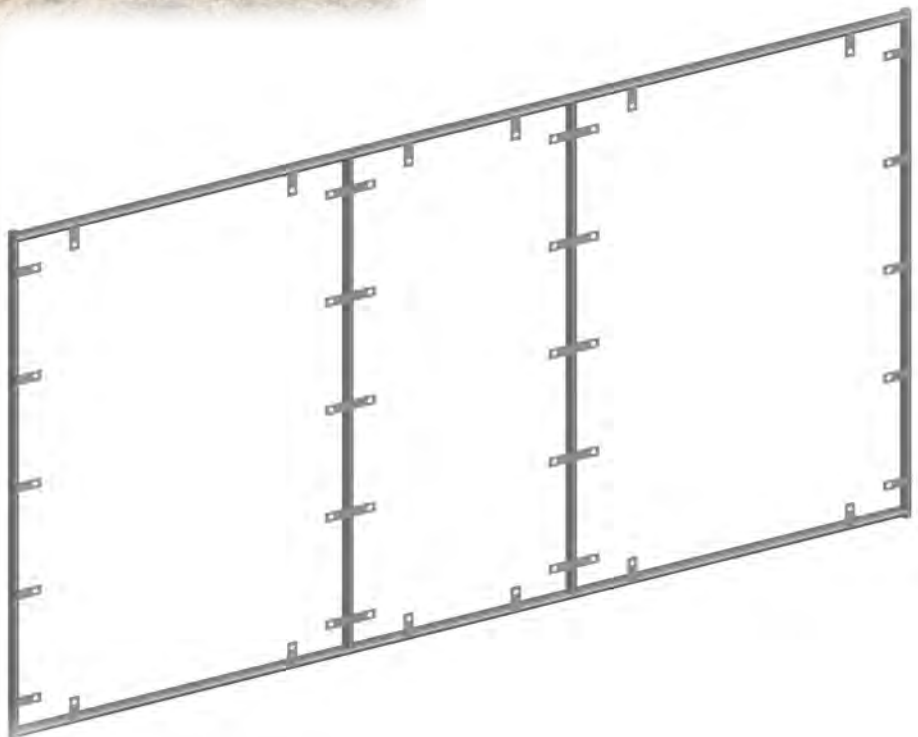




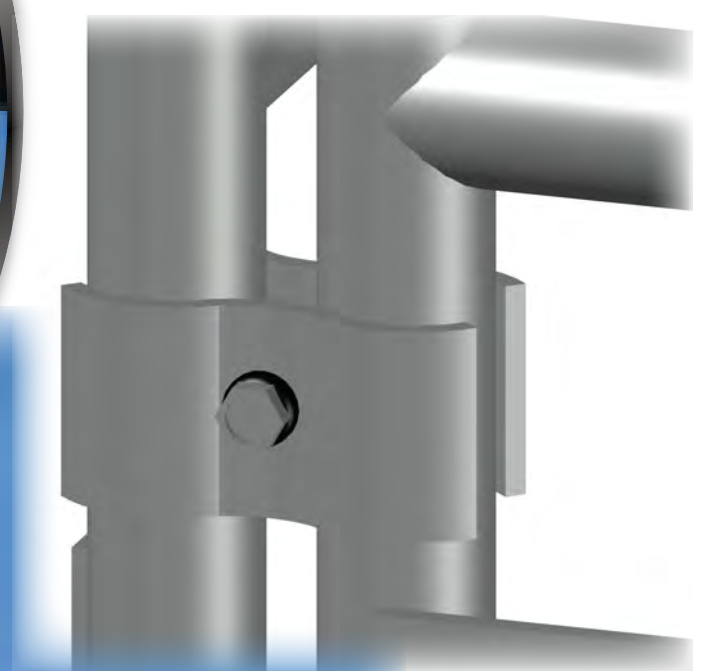
- » Grade the ground to make a level surface for the shelter and fencing if needed.
- » Once grading is complete figure the orientation of the shelter.
- » Take into consideration wind direction, entrance into shelter, attachment of fencing and slope of the land around the shelter.
- » The shelter assembly has been designed to be quick and simple to install.



- » Place the back shelter panel and one side panel in to position.
- » Take into consideration how far away you want the shelter from any fences or facilities.



## View of the clamp



- » Hold the panels upright and clamp the panels together.
- » Put one clamp on the top and one on the bottom.
- » You only need two clamps per intersection of panels.



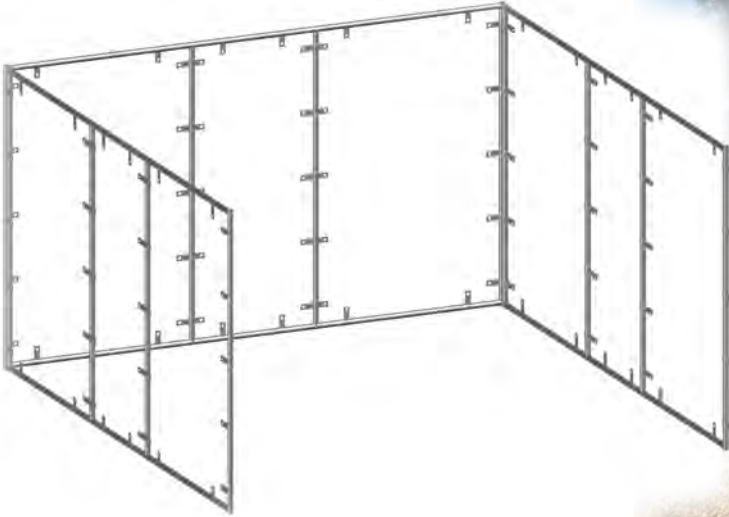
**The tab is on the outside.**



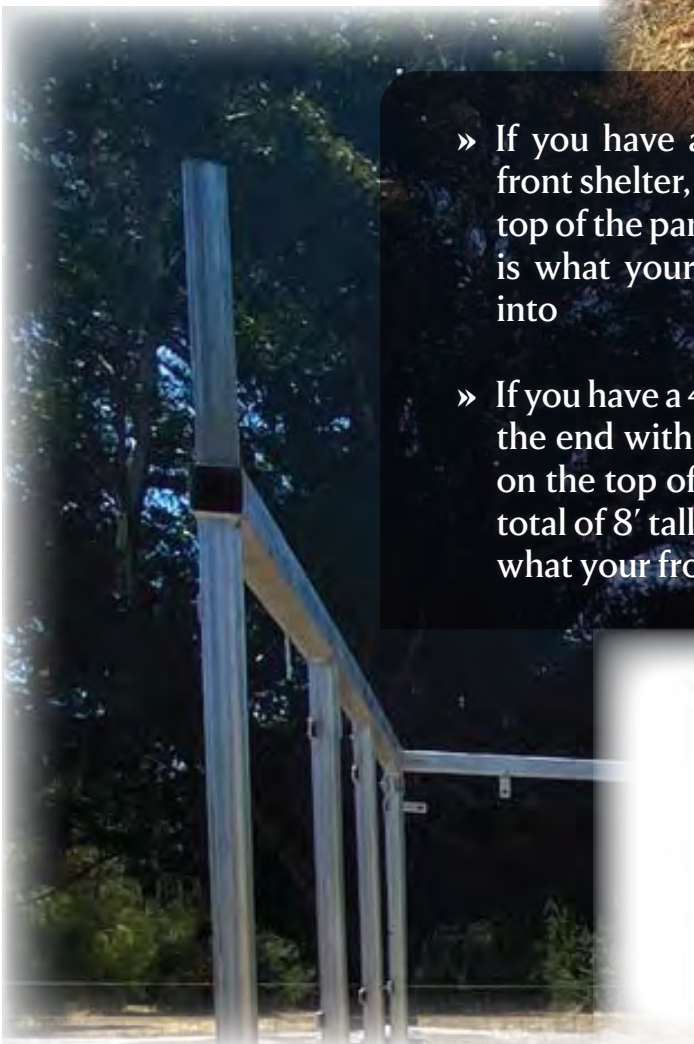
- » NOTE: If you are making a wood siding shelter make sure the panel tabs that hold the plywood are on the outside of the walls.
- » See the balloon picture for proper placement of the wood tab panel.



- » Now get another panel and place into position. Clamp the new panel to the other structure.



- » If you have a plywood ready open front shelter, the tube welded on the top of the panel will go in front. This is what your front truss will screw into
- » If you have a 4 rail open front shelter, the end with the 3' tall tube welded on the top of the panel, to make it a total of 8' tall, will go in front. This is what your front truss will screw into

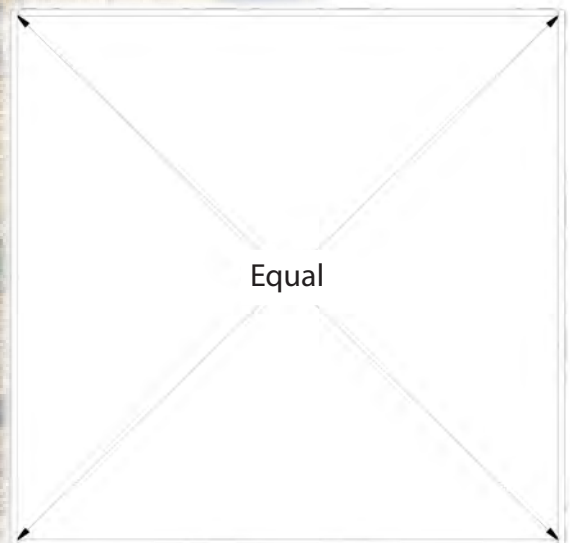
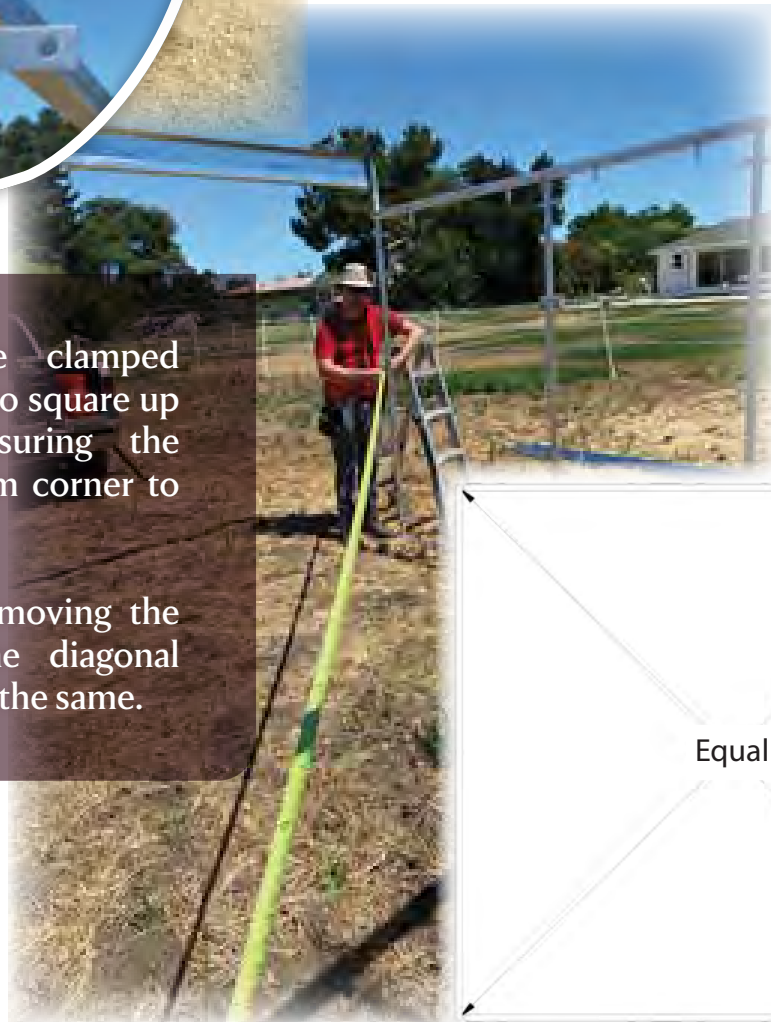






- » If you are installing a gate, place the gate panel on the front of the structure.
- » The front panel clamps to the front of the side panels, and rear panels clamp behind of side panels, so that each stall is 12' wide, and approx. 12' 6" deep, see picture.
- » Clamp gate panel to the structure.

- » After all panels are clamped together you will need to square up the shelter by measuring the distance diagonally from corner to corner.
- » Adjust the shelter by moving the structure to make the diagonal measurement distances the same.



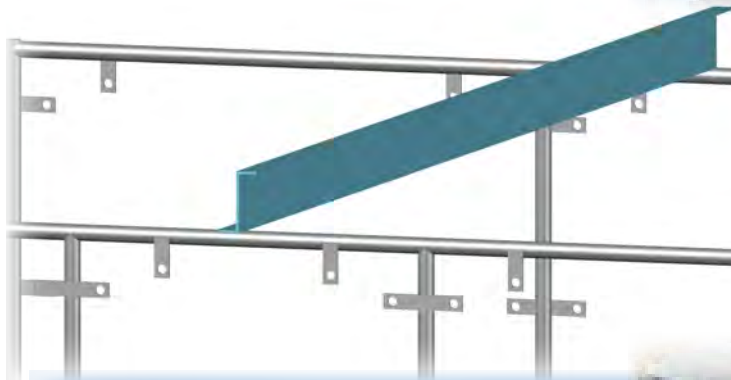
*This is what the truss will look like.*



- » Once the structure is square:
- » Install the truss on the front of the structure.
- » Rest the Z truss on top of the pole and screw the Z truss into the pole.
- » Attach the truss with self-taping screws.



- » Move to the center of the structure.
- » Install the center truss to the structure.
- » Rest the Z truss on top of the square top tube and screw it down onto the square tube.

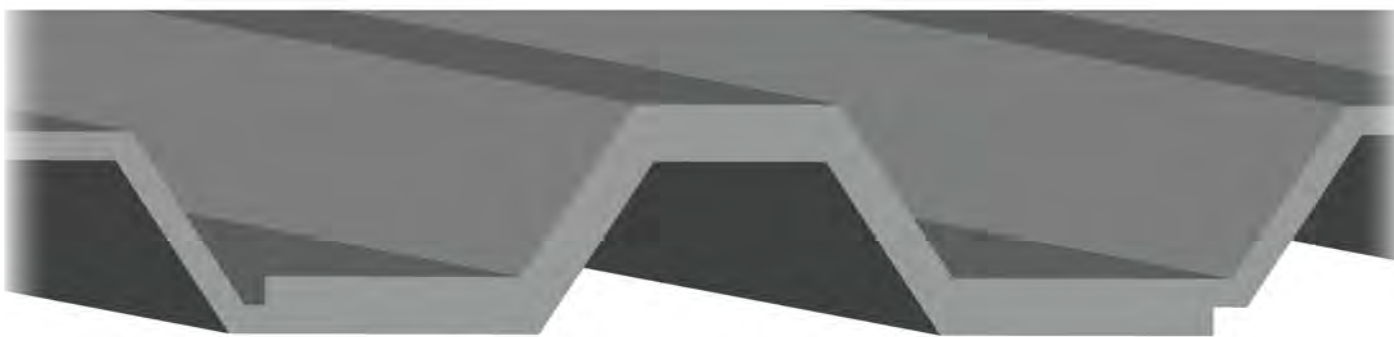
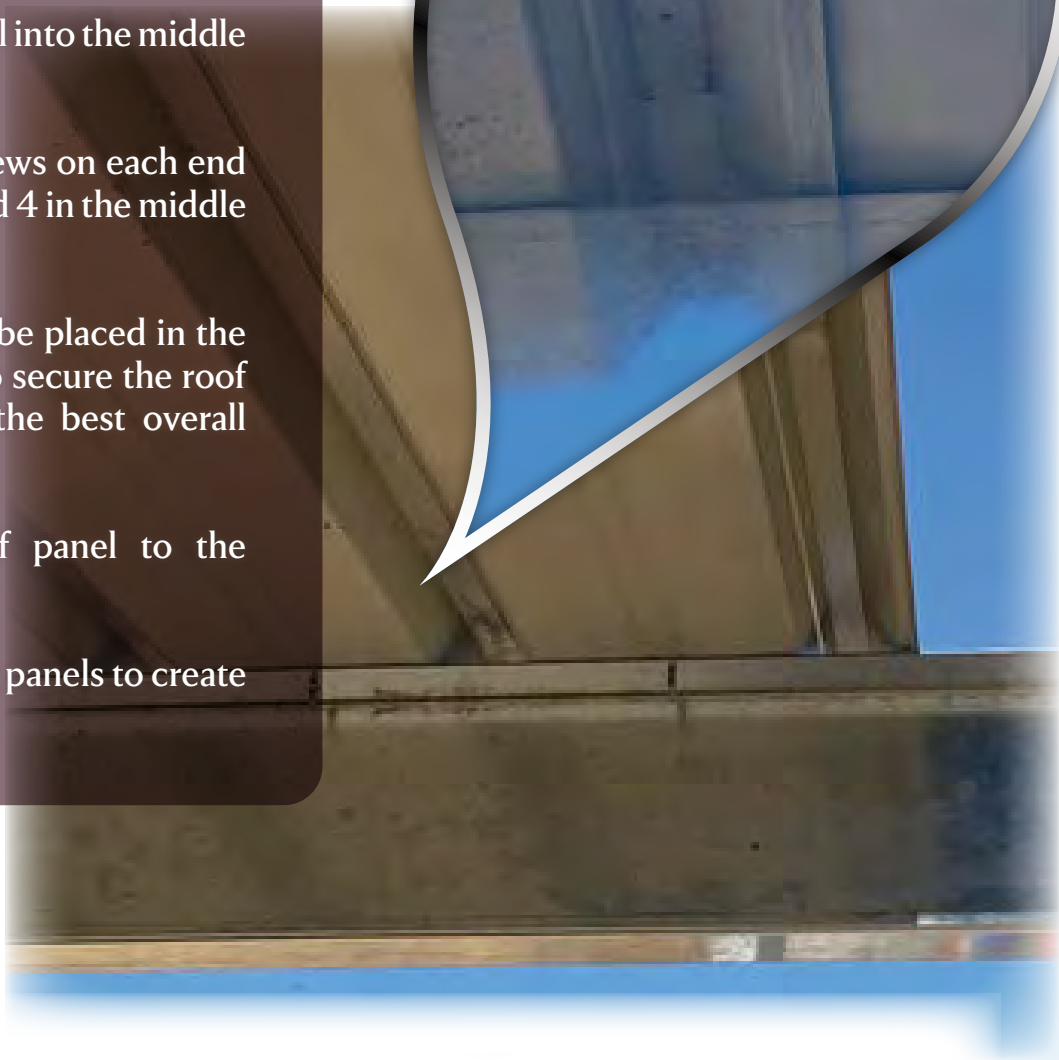


- » Installing the roof panels:
- » Place one roof sheet on the shelter structure.
- » Measure the roof panels overhang on the front and the back sides.
- » Adjust the roof as needed to make the overhang the same distances.
- » The side of roof panel will be lined up to the side of the structure.

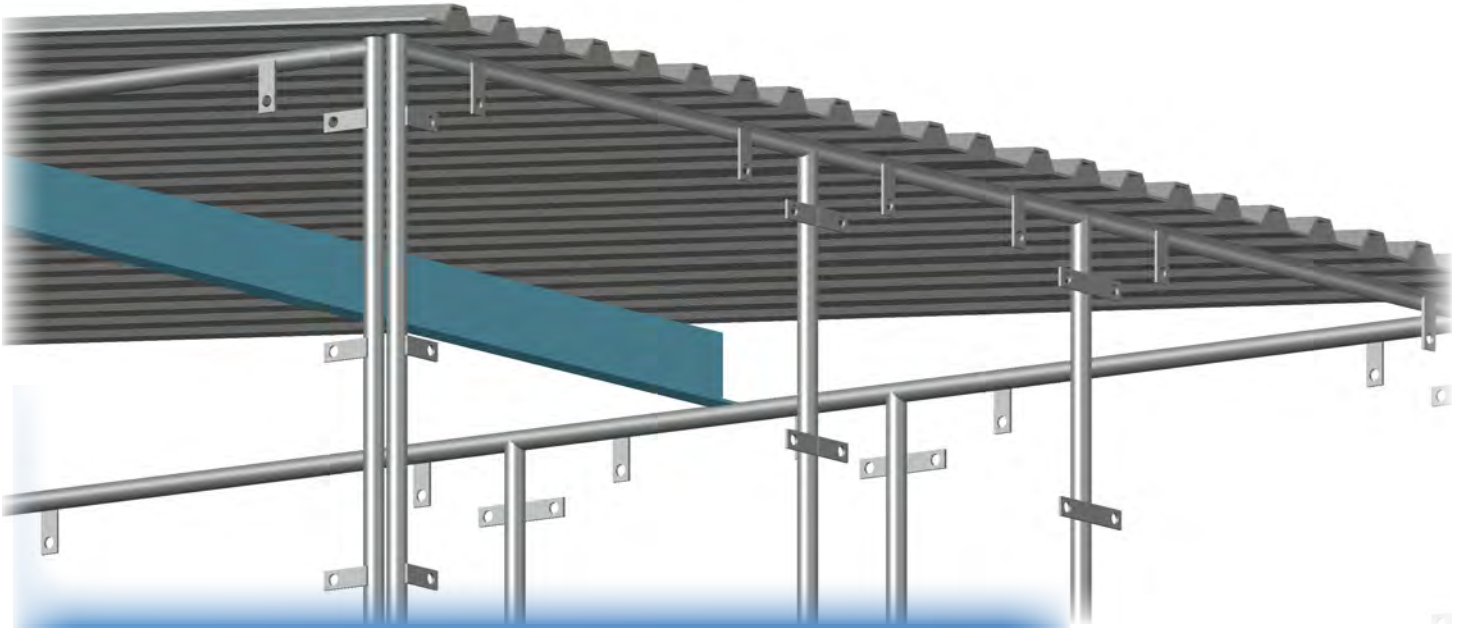
**Overlap roof panel by one hump.**



- » Screw the roof panel into the front truss or the square top tube of the gate.
- » Screw the roof panel into the back square top tube of the rear panel.
- » Screw the roof panel into the middle truss.
- » There will be 4 screws on each end of the roof panel and 4 in the middle center truss.
- » The screws should be placed in the following pattern to secure the roof to the shelter for the best overall performance.
- » Place another roof panel to the shelter .
- » Overlap the roofing panels to create a sealed roofing.







» Repeat the roof panel installation to complete the roofing.

## Wood Optional Installation



- » Each panel consists of 3 bays for the plywood.
- » Make measurements to determine what you have to cut from the plywood to fit into the plywood structure panels







» Cut the plywood to the desired sizes.



- » Place the plywood near the shelter bay.
- » The two outside sections of the panel are the same size and the middle panel is a different size.

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- » Place the plywood into the shelter panel and drill the holes through the existing panel tab holes.

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- » Install nuts and bolts
  - » Tighten nuts.



- » Insert bolts into the tabs so the bolt heads are on the inside of the shelter.
- » The nuts will be on the outside of the shelter.



- » Repeat the above actions until all wood is cut and installed.
- » The structure is complete.
- » **NOTE:** If you are adding shelter anchors to the shelter, dig holes in front of the two shelter walls, place anchor pole in hole, clamp the pole to the shelter, and place cement in the hole.

