

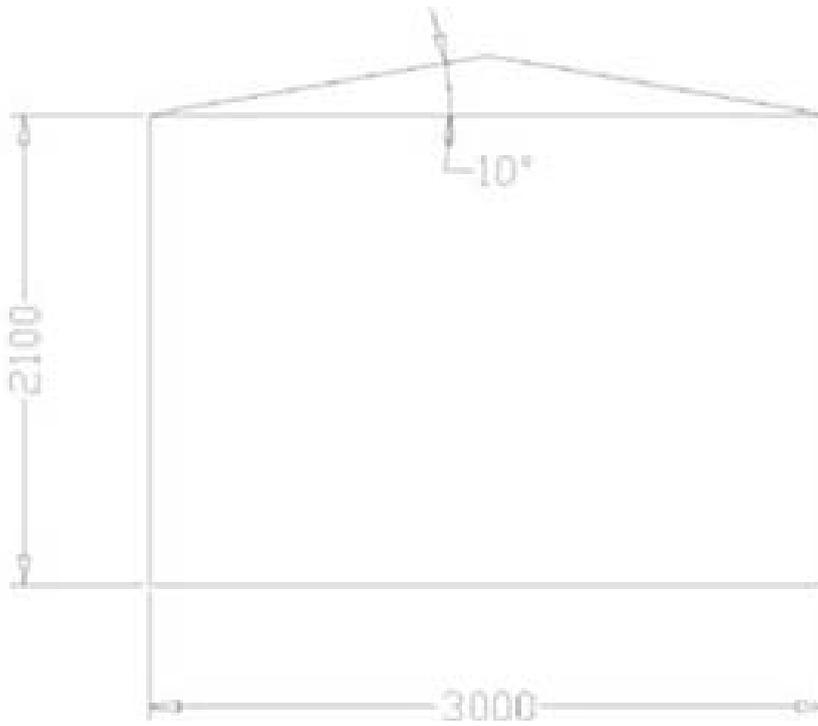


TECTONICS UK

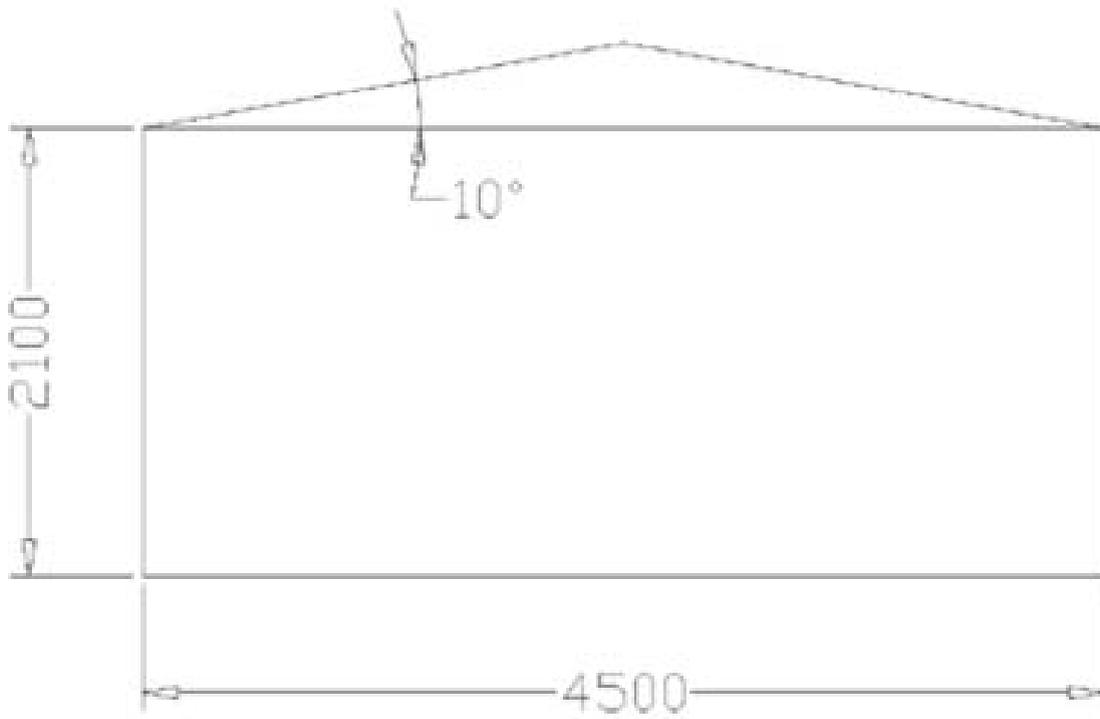
Modular Canopy Construction

Modular Canopy Dimensions

3 metre



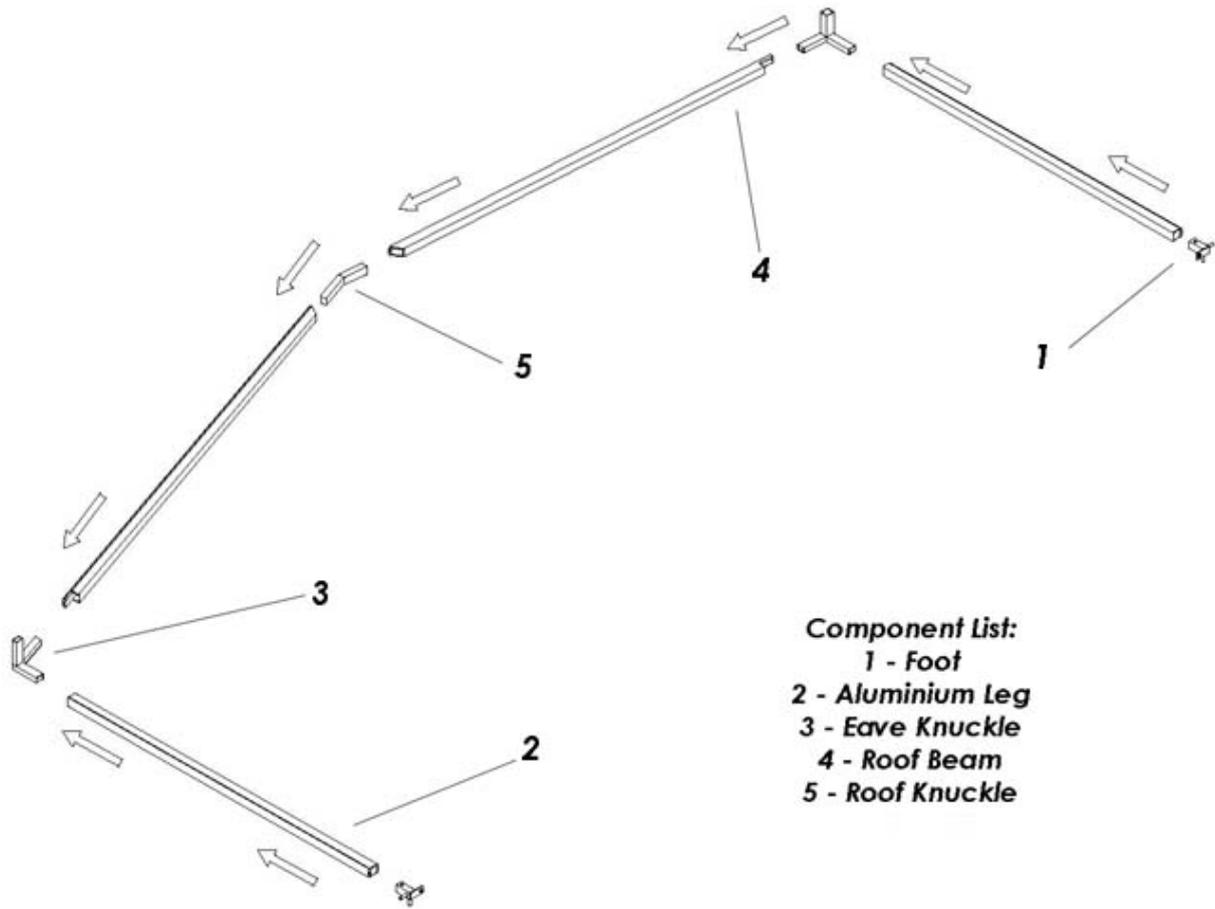
4.5 metre



Modular Canopy

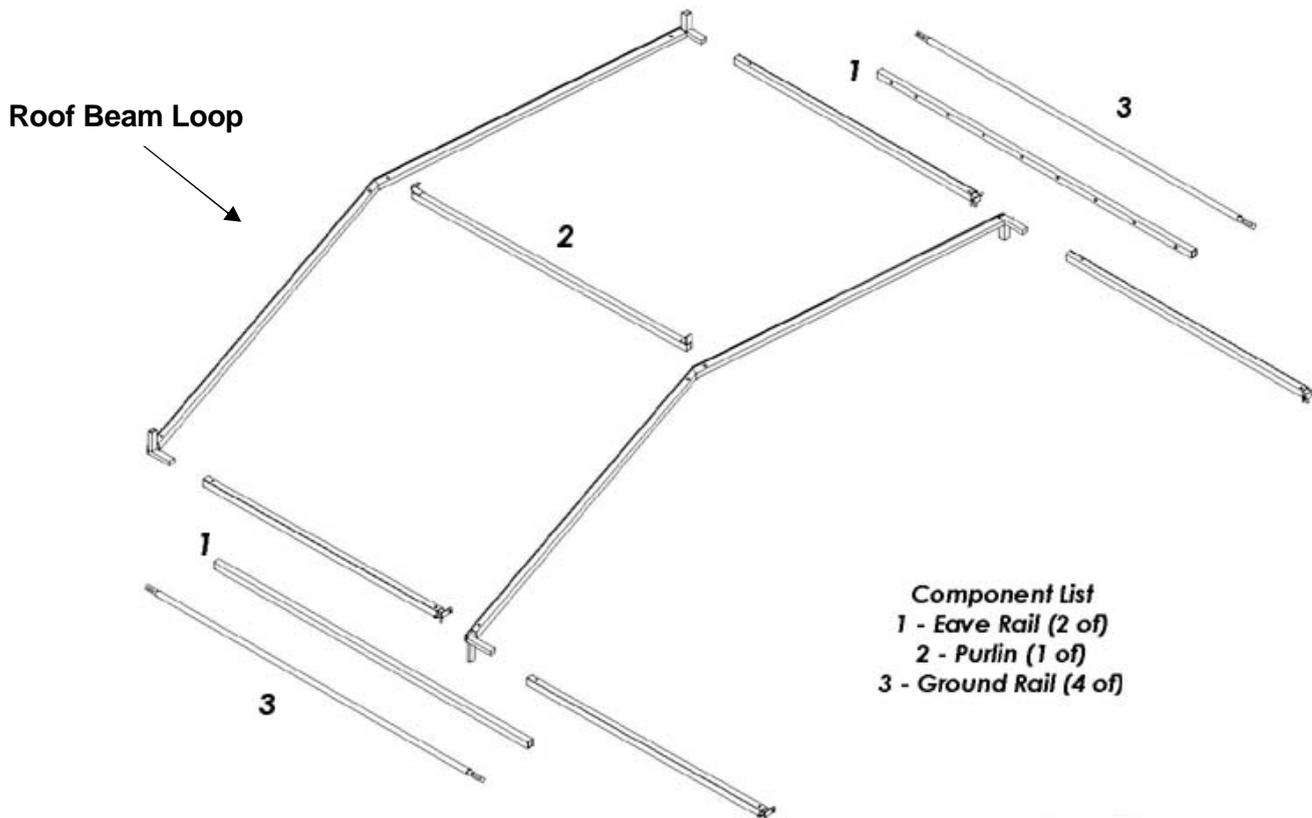
1. Lay out all components and assemble them following the arrow sequence shown (Fig.1) If you have a single bay awning (3m x 3m or 4.5m x 3m) assemble both roof beam loops. If you have more than one bay (6m, 9m or longer) assemble all loops. Secure the roof beams to the eave and roof knuckles using the locating pins and R-Clips. Put the feet into the bottom of the legs, making sure that the welded pins on the feet and the channels on the legs are facing outwards. Secure with locating pins and R-Clips. **NB: If you have more than one bay the three-way eave knuckles go on the first two loops and the feet with two welded pins on, go on the corner legs.**
2. Lay out assembled loops as shown in fig.2 with the eave rails and ground rails to the side and the purlin in the middle. (If you have more than one bay the eave rails with no hooks on are for the first bay). With one person either side, lift the first loop and slide the eave rails onto the ends of the eave knuckles **making sure that the nine holes on the eave rails are facing inwards and are on the bottom of the rails.**
3. You can now lean the loop onto the eave rails (fig.3). Drop a locating pin into the hole on top of both eave rails and secure with an R-Clip.
4. Lift up the second loop in one hand and the ends of the eave rails attached to the first loop with the other and slide the eave knuckles on the second loop into the ends of the eave rails and secure with locating pins and R-Clips (fig.4). Clip the curved hook end on the purlin into the bracket on the roof knuckle and swing the other end up and drop the angle hook end into the bracket on the opposite roof knuckle(fig. 5)
5. With one person either side, lift one end of the frame and slide the legs onto the bottom of the eave knuckles (Fig.6) **(Check that the welded pins on the feet and the channels on the legs are facing outwards.) Secure with locating pins and R-Clips. Repeat this for the other end.**
6. **PLEASE NOTE STEP 6 DOES NOT APPLY TO SINGLE BAY AWNINGS:**
Take the additional bay eave rails and clip the curved hook into the bracket on the outside of the eave knuckles on the first bay, making sure that the nine holes are facing inwards (fig 9). Lift the next loop, with the legs already attached, and swing the eave rails up and drop the angle hook ends into the brackets on the eave knuckles (Fig.9). Put the purlin in as above. Repeat this for all additional bays.
7. One person take the two blue ropes and throw the ends with the carabine hooks over the purlin, keeping hold of the other end of both ropes. The other person to go to the other side of the frame, take the roof sheet (making sure the flaps on the sheet are facing down) and attach the carabine hooks on the ropes to 'D' rings on two corners of the roof sheet. Slide one corner into the inside channel on one of the roof beams. Do the same for the opposite corner of the roof sheet, keeping the ropes taut. Each take the end of the rope and pull together until the flaps with the elasticated cords on are level with the tops of both eave rails (Fig 10.)
8. To secure the roof sheet in place, take an end of the elasticated shock-cord on and put it over the top of the eave rail, (between the frame and the sheet), around the back of the leg and hook it back onto itself. Repeat this at all legs. Starting at the centre holes on the eave rails, pull the cord under the rail and clip all the 'S' hooks into the holes on the inside of the eave rails.
9. Take the gable end triangles and slide them into the outside channels on the roof beams (fig.11). Slide the ends of the roof sheets and gable triangles into the appropriate channels on the legs (detail fig.11).
10. Take a wall, and from the outside of the awning, with one person holding either side, slide the top edge (with the hooks facing outwards) into the slots in the channels at the centre of the legs and slide the wall up the channels to the top of the legs (fig.12). Go inside the awning and hook the top of the wall into the loops on the inside of the bottom flap on the roof sheet. Go back outside and slide the bottom of the wall down the channels in the legs. Slide the ground rail (after joining the two halves if 4.5m long) into the pocket at the bottom of the wall, push the ends onto the pins on the back of the feet and secure with an R-Clip. Repeat for all walls.

Figure 1



- Component List:**
1 - Foot
2 - Aluminium Leg
3 - Eave Knuckle
4 - Roof Beam
5 - Roof Knuckle

Figure 2



- Component List**
1 - Eave Rail (2 of)
2 - Purlin (1 of)
3 - Ground Rail (4 of)

Figure 3

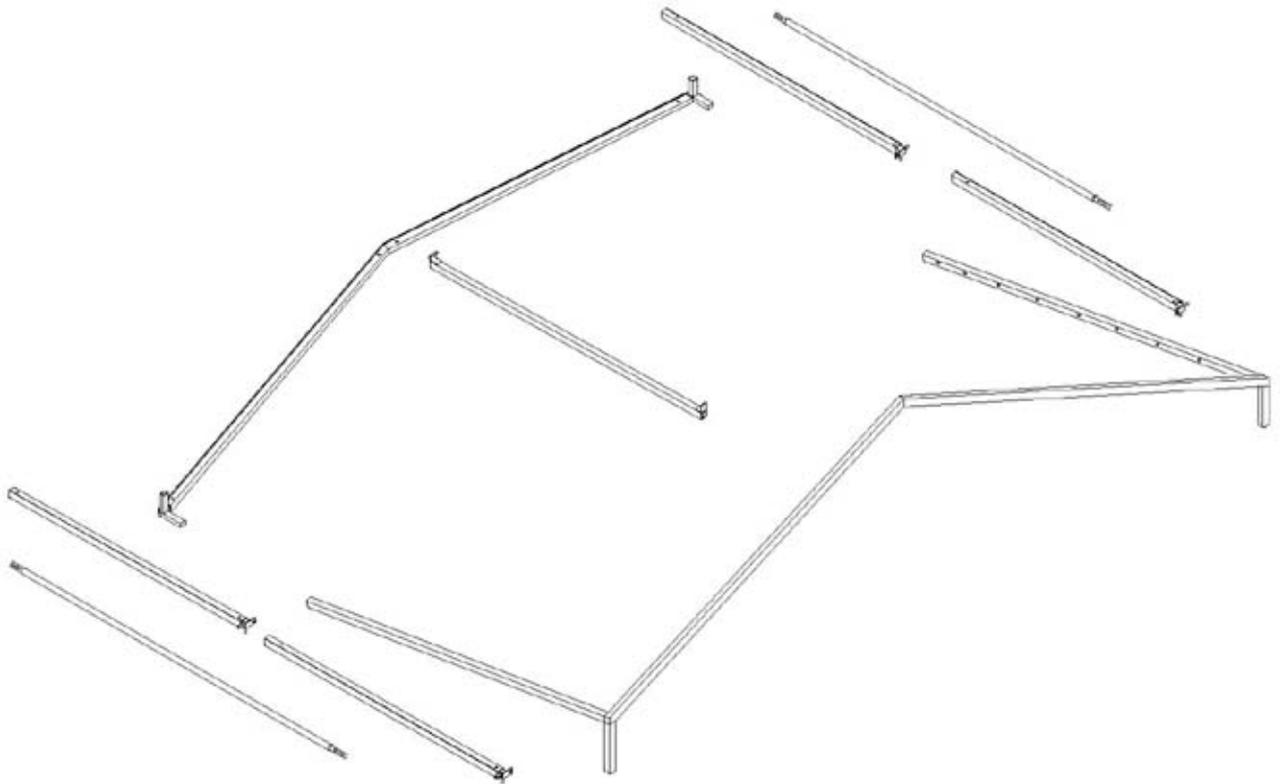


Figure 4

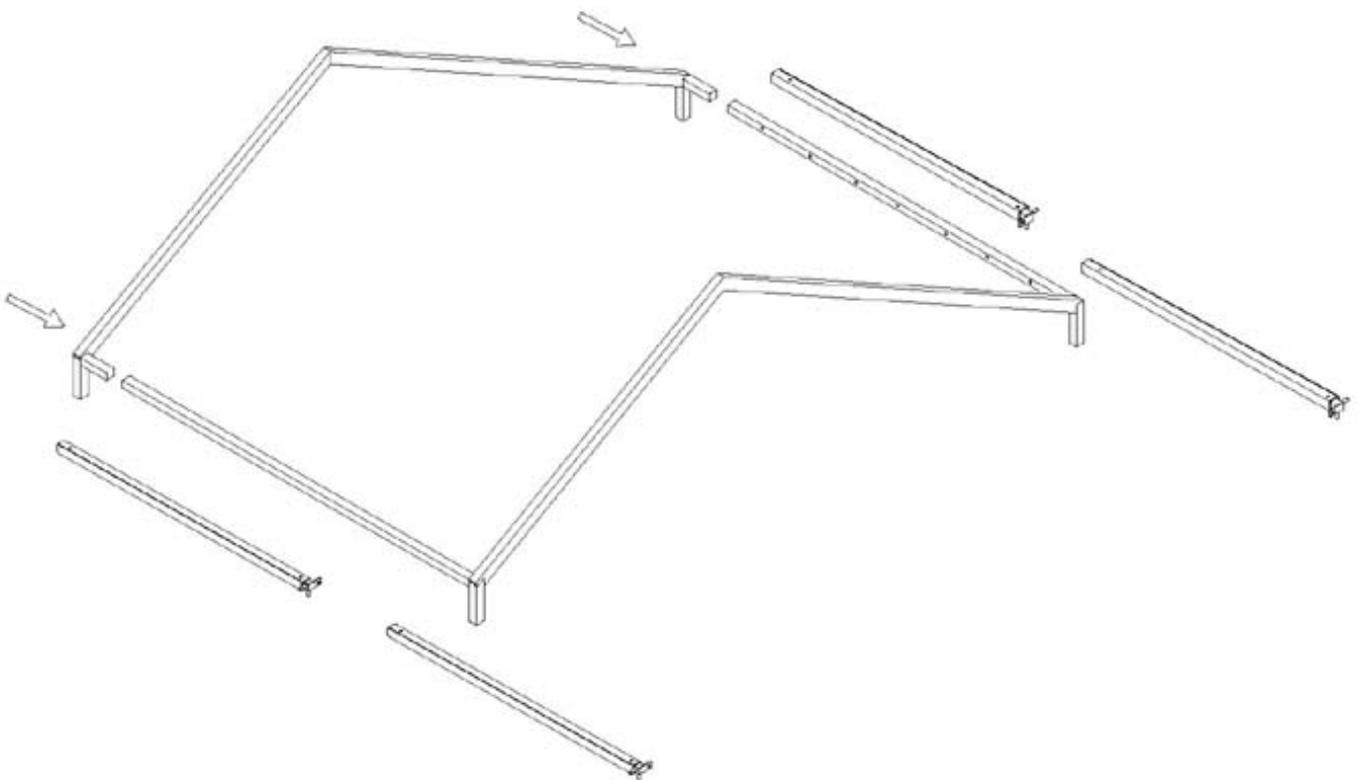


Figure 5

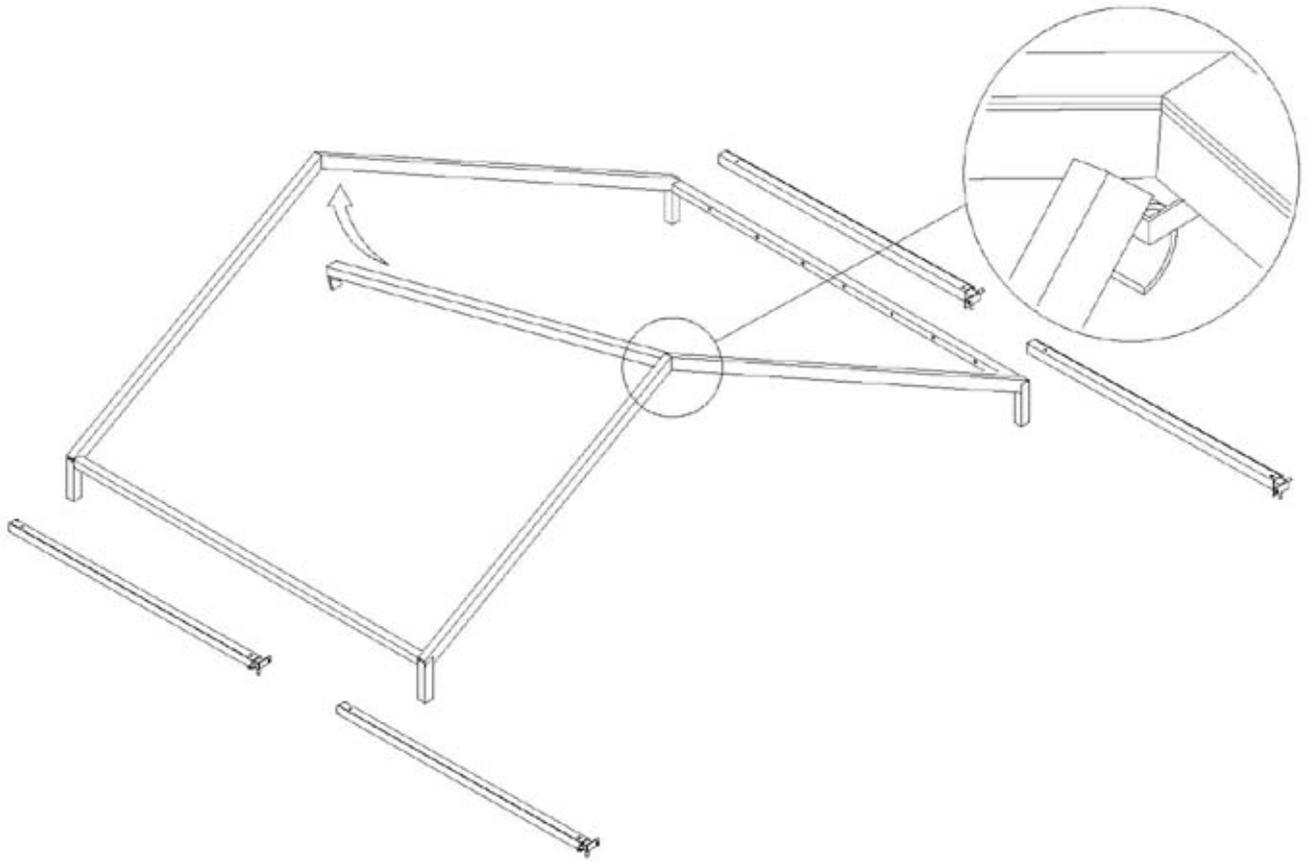


Figure 6

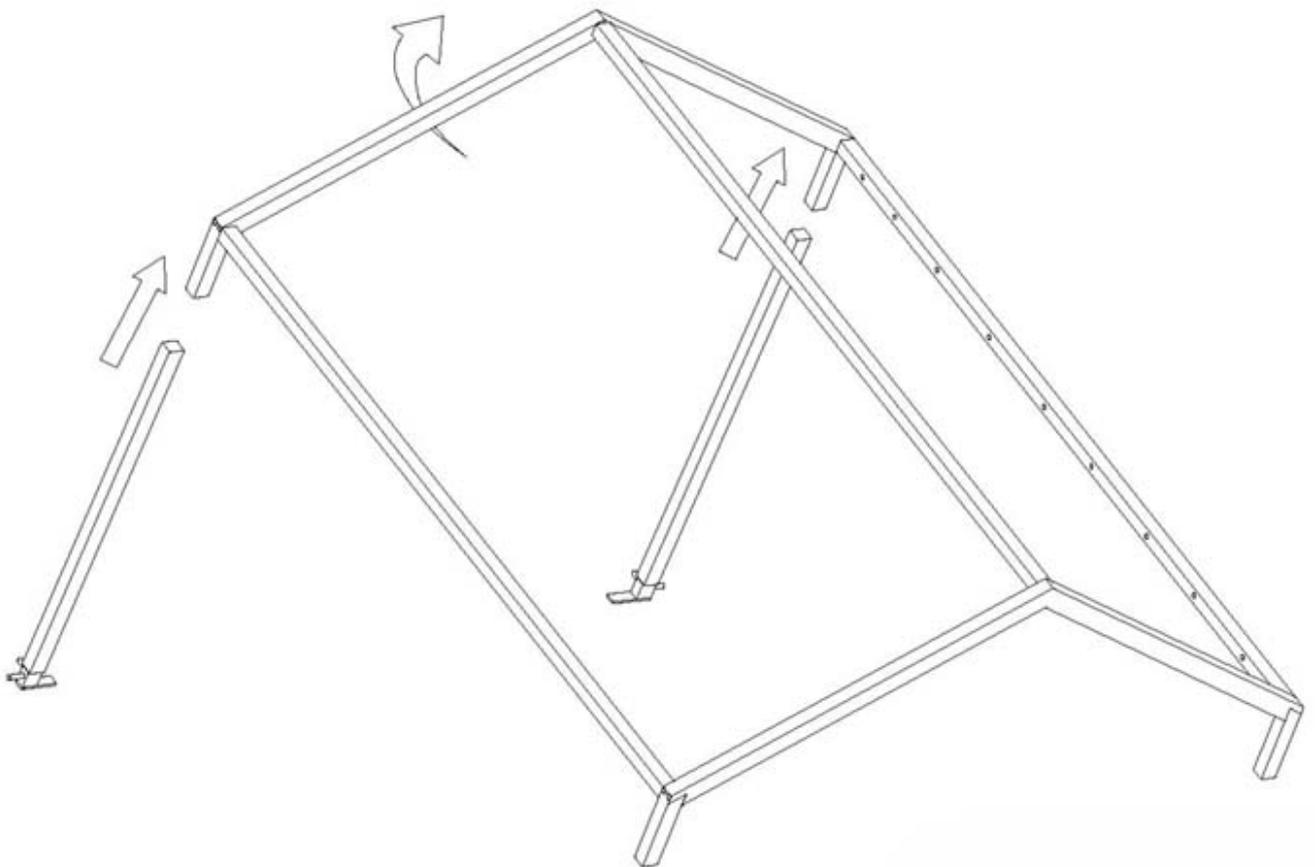


Figure 7

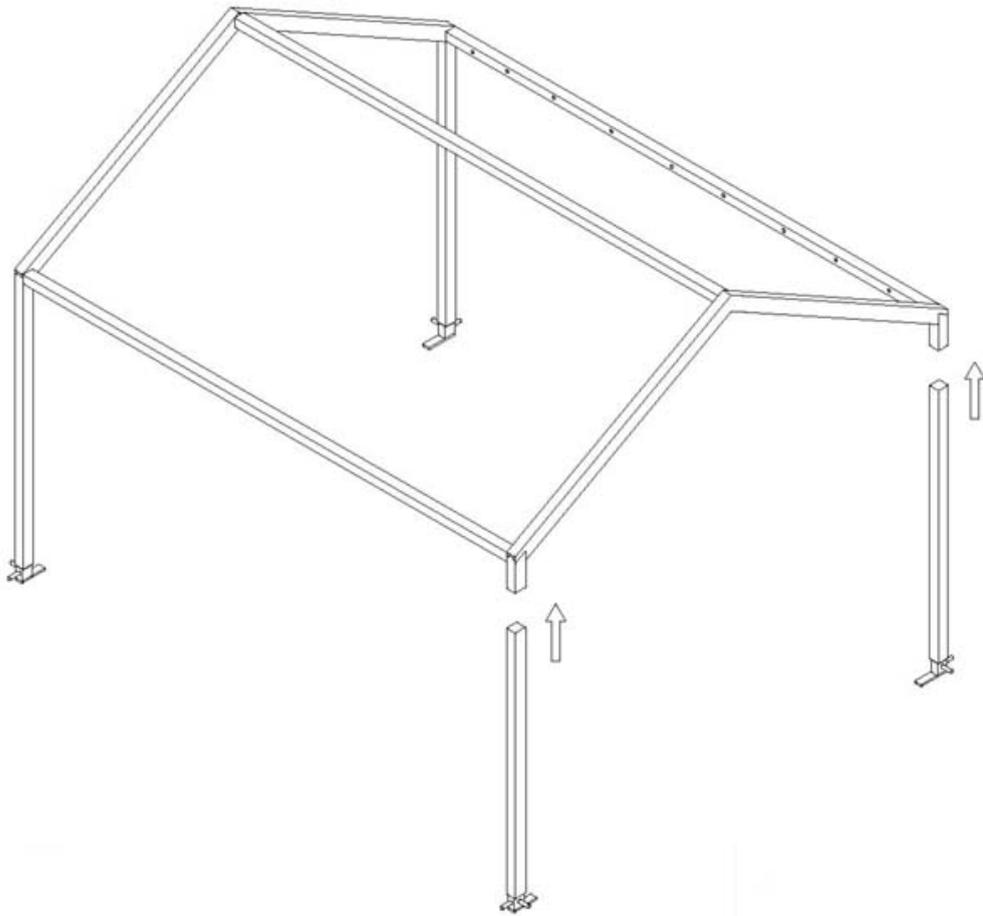


Figure 8

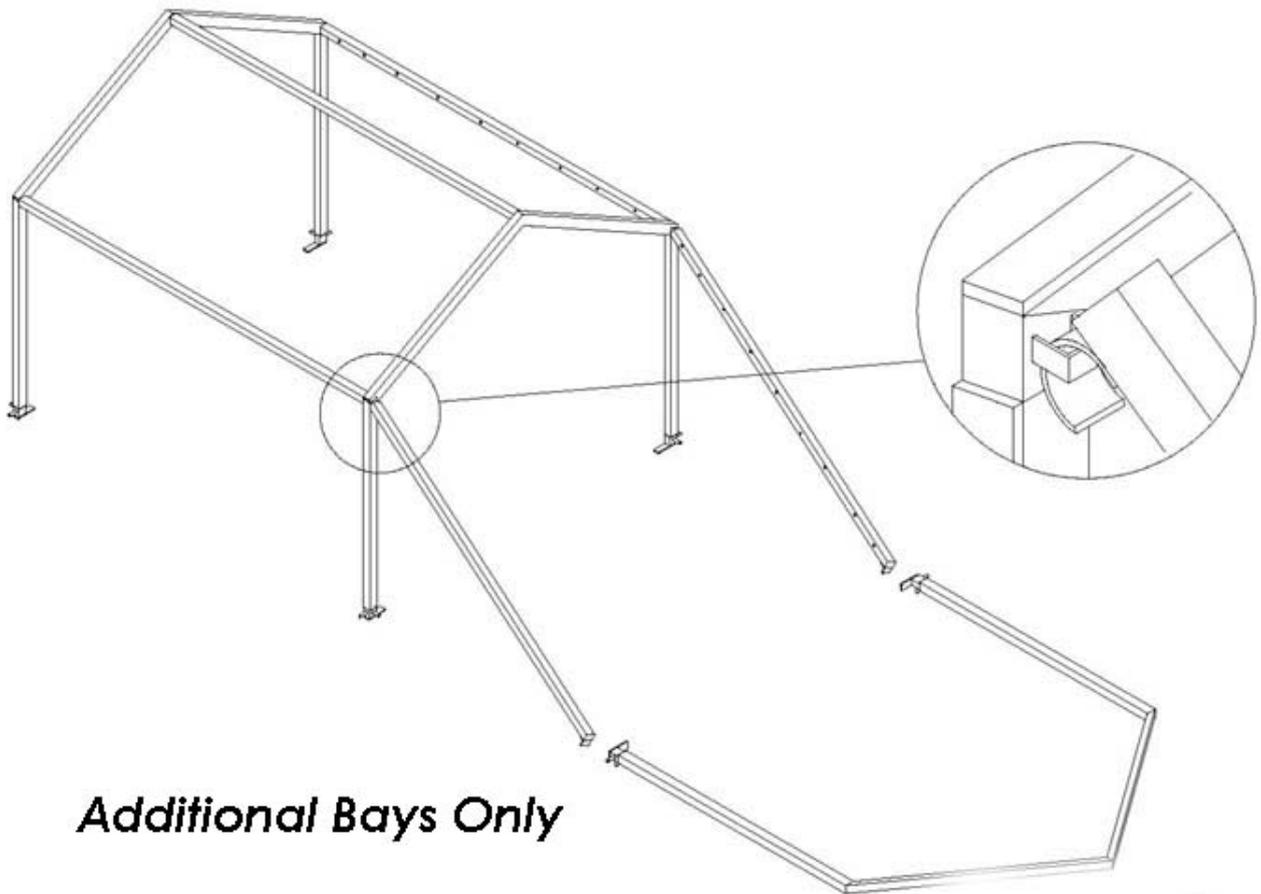
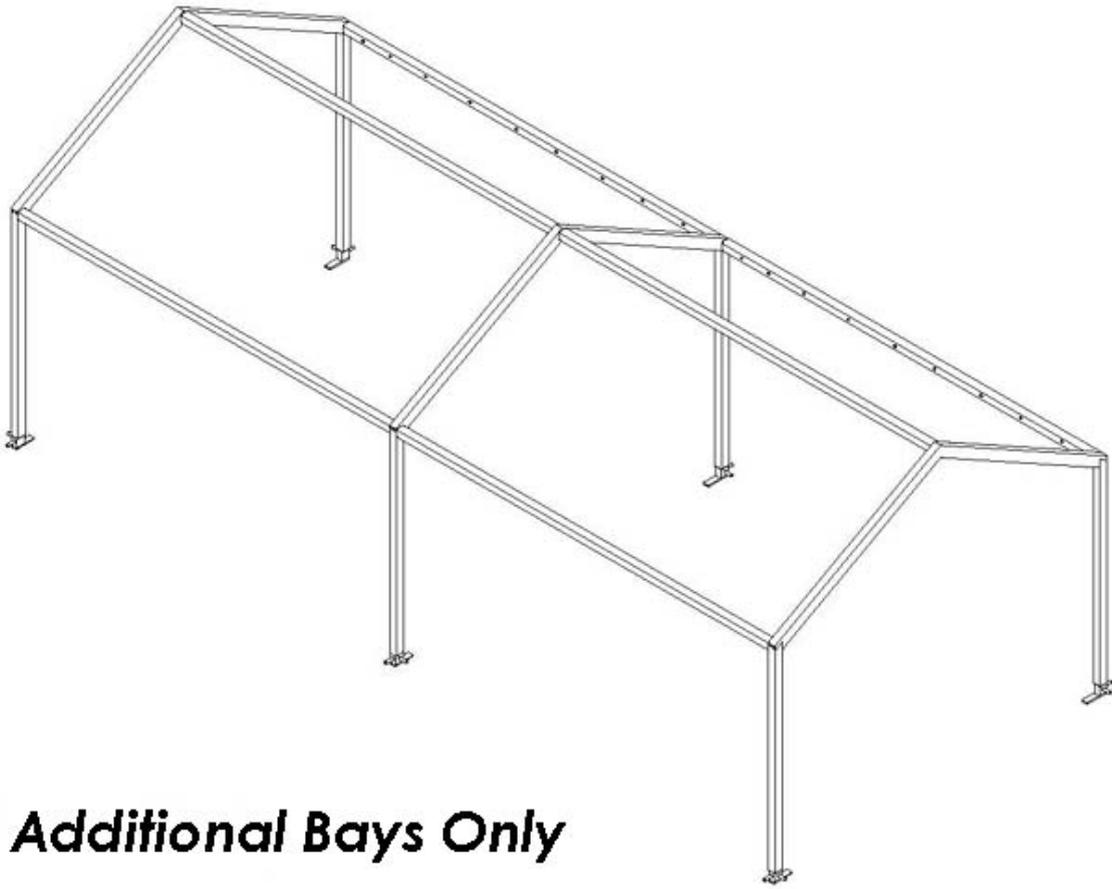


Figure 9



Additional Bays Only

Figure 10

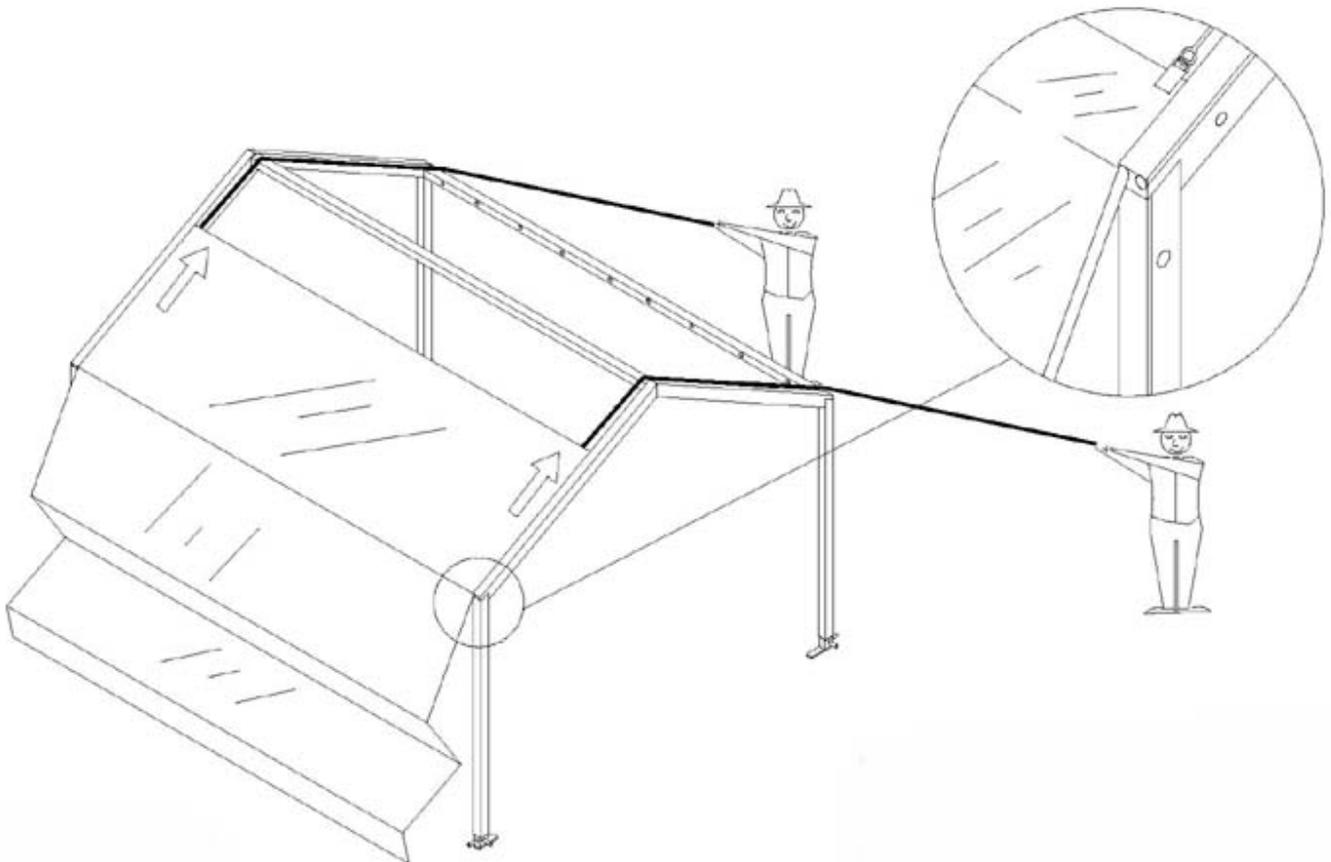


Figure 11

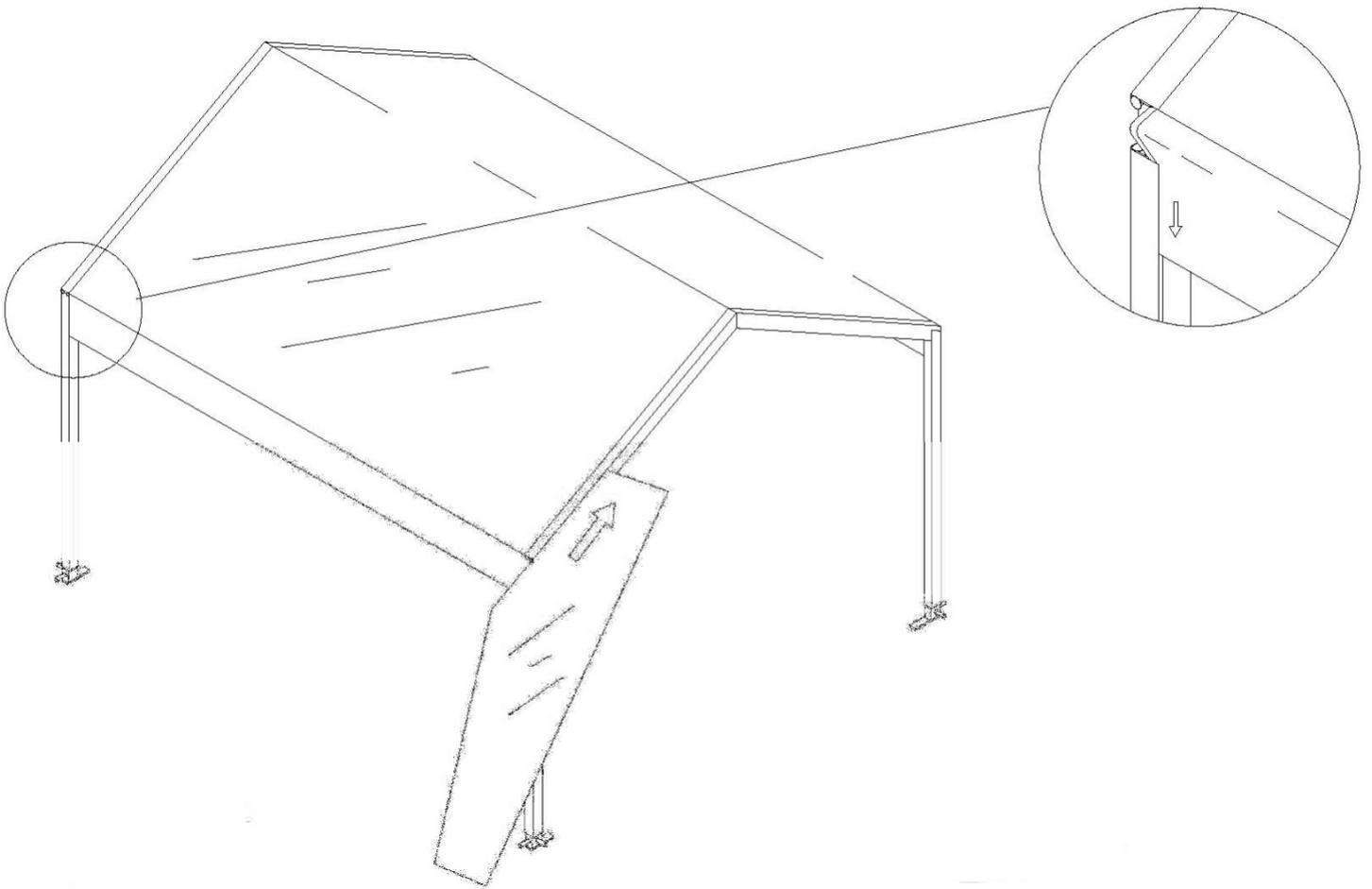


Figure 12

