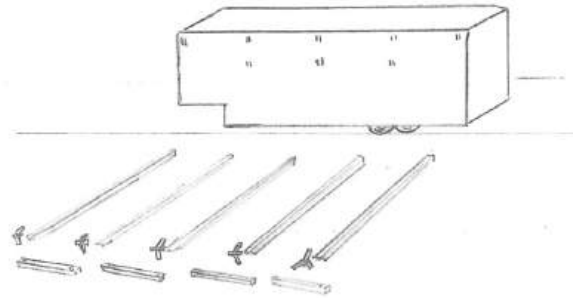


Tension Awning Manual

1. Layout Awning Poles

- Main Roof Beams
- Angle Brackets
- Front Beams

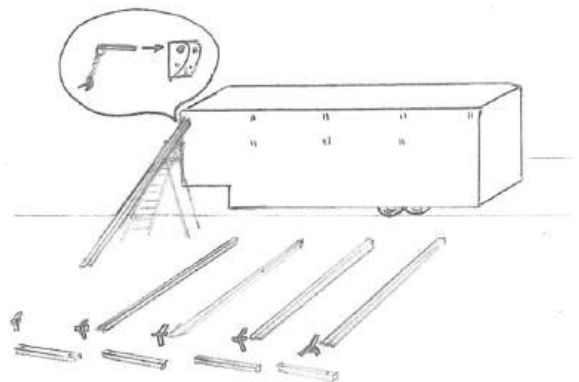
❖ Layout and connect any poles together and place in their correct position beside vehicle.



2. Place 1st Main Roof Beam

- Stepladder Beside Vehicle
- Pin & Chain
- Main Roof Beam

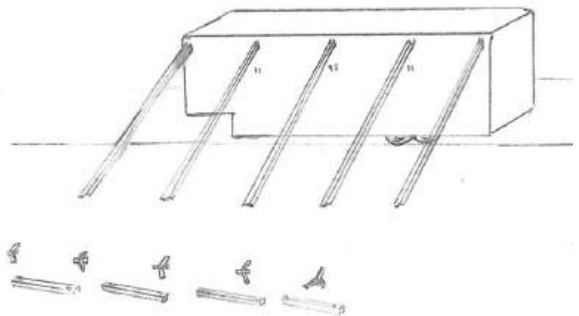
❖ Setup a stepladder beside vehicle and have someone hold up the beam at the top bracket, as it lines up, slide the pin through the bracket and beam, finally, securing with R-Clip on the end of the pin's chain.



3. Secure All Main Roof Beams

- Stepladder Beside Vehicle
- Pins & Chains
- Main Roof Beams

❖ Continue securing all the remainder main roof beams into place on the side of the vehicle.

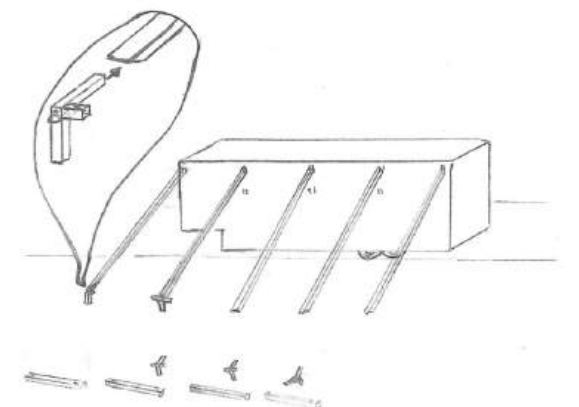


4. Installing Front Angle Brackets

- Angle Brackets
- Roof Beams

❖ Lift end of main roof beam off the ground and slide the front angle bracket into the end of it.

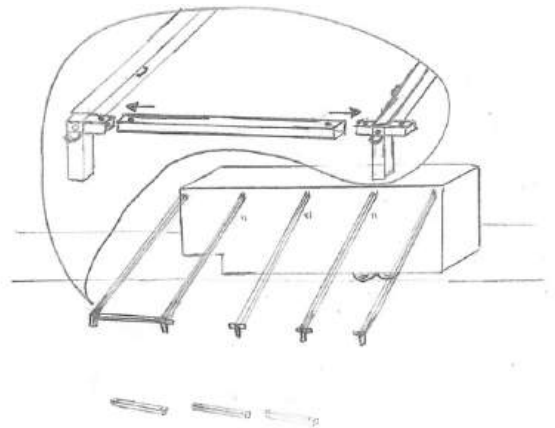
❖ Make sure bracket is correct way round and in correct position (double brackets shouldn't appear on an end).



5. Install Front Beam In 1st Bay

- Main Roof Beams
- Angle Brackets
- Front Beams

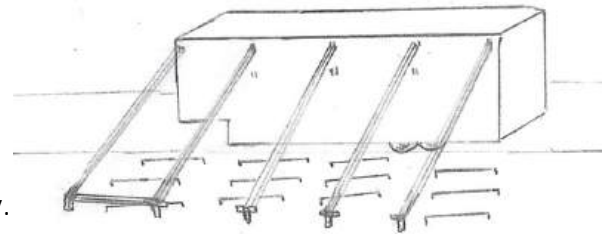
- ❖ Slot the front beam onto one angle bracket first and then onto the other angle bracket.



6. Layout Spreader Bars / Purlins

- Stepladder
- Spreader Bars / Purlins

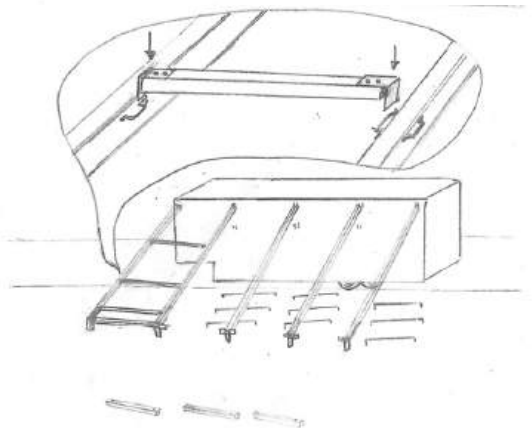
- ❖ Layout the Spreader Bars, an even amount in each bay.



7. Secure All Main Roof Beams

- Stepladder
- Spreader Bars / Purlins
- Main Roof Beams

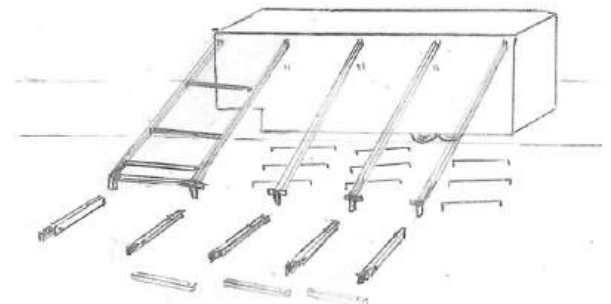
- ❖ Drop in the Spreader Bars into brackets fixed to the sides of the Main Roof Beams, the first one is near the front and they are roughly spread every 2 mtrs apart.



8. Layout Front Legs

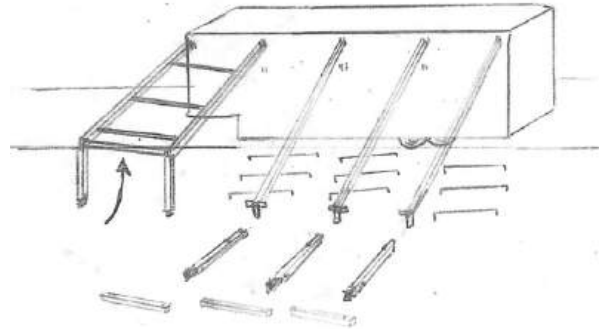
- Front Legs (2mtr)
- Angle Brackets
- Roof Beams

- ❖ Layout the front legs in front of the Angle Bracket and Main Roof Beam that they will plug into.



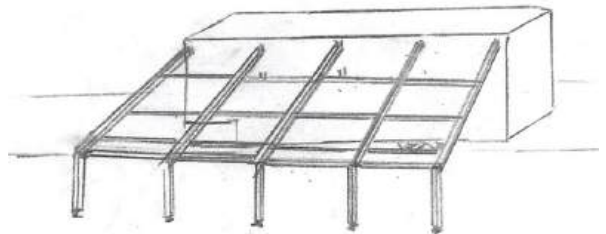
9. Install Legs In 1st Bay

- Main Roof Beams
 - Angle Brackets
 - Front Legs
- ❖ Lift the first bay into the air and plug a leg into each Angle Bracket on each side.
- ❖ Square with truck (roughly make sure its straight).



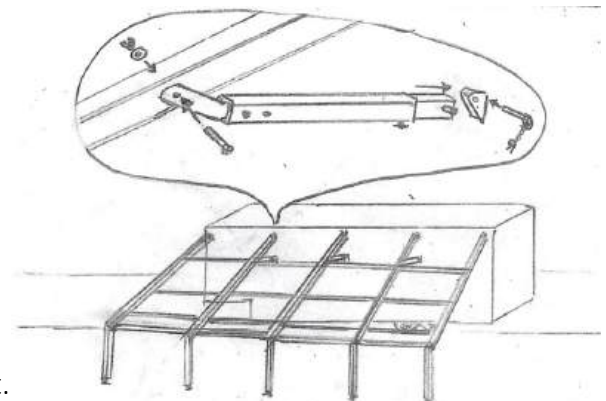
10. Install Legs & Spreader Bars On Remainder

- Main Roof Beams
 - Angle Brackets
 - Front Legs
 - Spreader Bars / Purlins
- ❖ Lift 3rd Main Roof Beam up and plug into the 3rd leg.
- ❖ Attach the front beam and secure with L-Pins.
- ❖ Drop in the Spreader Bars.
- ❖ Repeat for next Bay – Lift 4th Main Roof Beam and plug into 4th leg, attach Front Beam and Spreader Bars.



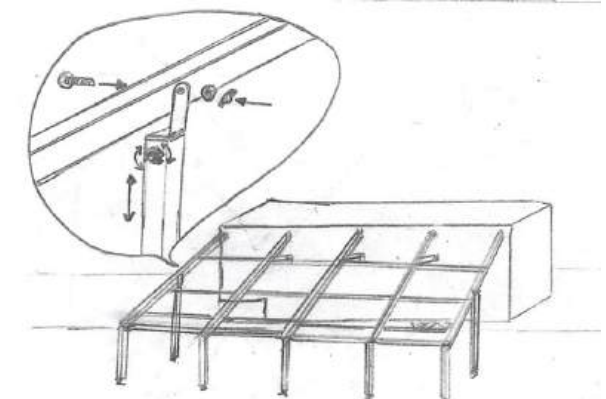
11. Install Storm Bars

- Stepladder
 - Main Roof Beams
- ❖ Attach the Storm Bar to the Main Roof Beam first with bolt, washer, and wingnut.
- ❖ Swing the Storm Bar up to meet the bracket on the side of the vehicle, adjust length using handwheel. Secure with pin and chain, the same as the top bracket.



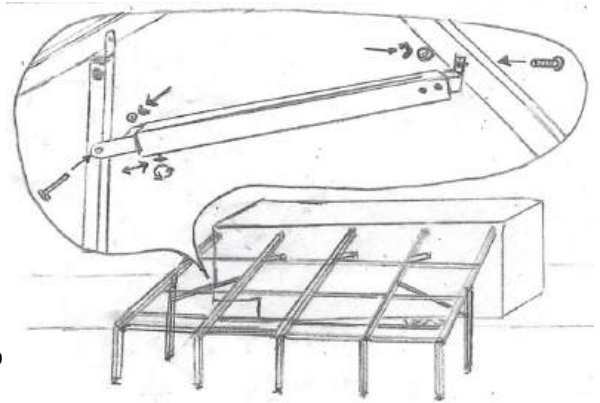
12. Installing Middle Legs

- Stepladder
 - Middle Leg (2.5mtr)
 - Main Roof Beams
- ❖ Attach the top of the leg through Main Roof Beam using roofing bolt (on the outside and the bracket positioned on the inside face), washer, and wingnut.
- ❖ Adjustment can be made at top and bottom of the leg.



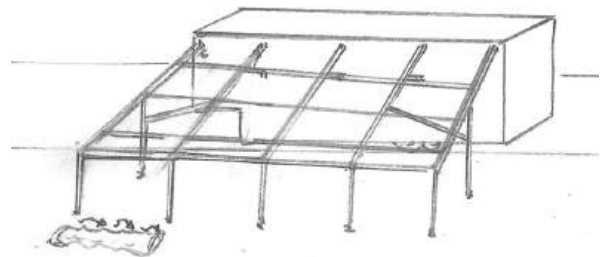
13. Install Side Brace Bars

- Stepladder
 - Side Brace Bars (3.4mtr)
 - Main Roof Beams
- ❖ Attach the adjustable end of the Side Brace Bar to the Middle leg (roughly 2ft/600mm down from top).
 - ❖ Leave the adjuster loose and swing fixed foot end up to next Main Roof Beam, secure with bolt and wingnut.



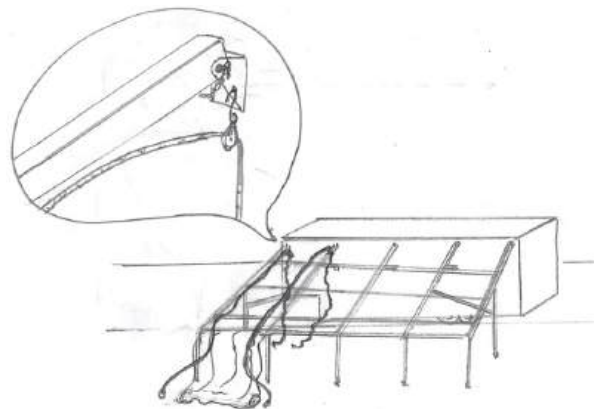
14. Layout Roof

- Roof Panel
- ❖ Layout Roof panel in front of 1st bay.
 - ❖ Ideally unfolded with the top of the roof facing up.



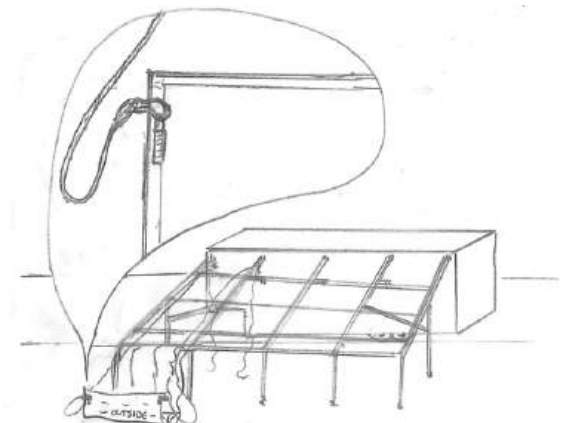
15. Attaching The Ropes & Pulleys

- Stepladder
 - Vehicle Brackets
 - Main Roof Beams
- ❖ Hook the pulley onto the vehicle bracket, either in the hole on the side of the bracket or over the pin which goes through the beam.
 - ❖ Send the carbine clip (attached to one end of the rope) over the top of the awning and down the very front.



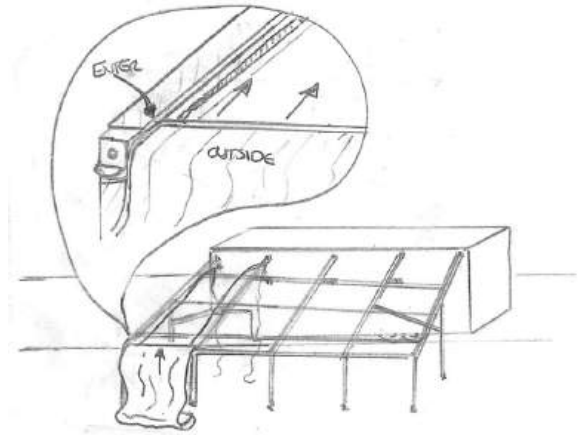
16. Attach Rope To Roof

- Rope & Carbine Clip
 - Roof Panel
- ❖ Find the truck end of the roof, on the underside, a foot back from the edge on both sides is a D-Ring to clip to.



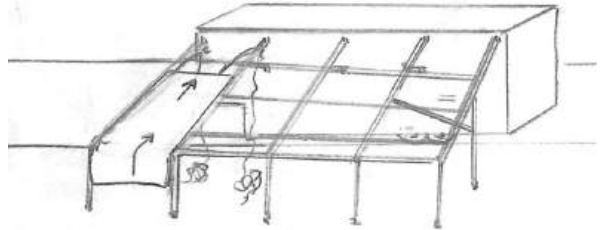
17. Feed Roof Into Main Roof Beams

- Roof Panel
 - Main Roof Beams
- ❖ Feed the roof sheet into each side of the Main Roof Beams but making sure they slide up equally as this will cause the roof to jam and not slide easily.



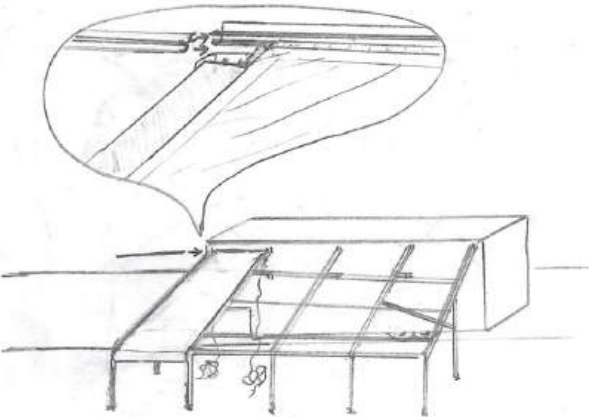
18. Pull Up Roof Sheet

- Ropes & Pulleys
 - Roof Panel
 - Main Roof Beams
- ❖ Pull both ropes evenly so the roof sheets will slide up the frame to the top.
- ❖ If there is a gap (and you can see sky) one side but not the other, then the frame is most likely not square with the truck and will require shuffling the front legs forwards or backwards so the gap disappears.



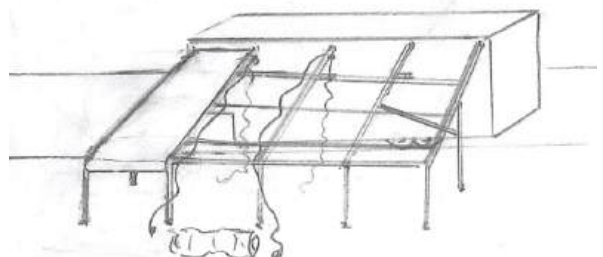
19. Slide In Joining Strip

- Stepladder
 - Joining Strip
 - Ropes
- ❖ Now you have got the edge of the roof butted up to the truck, join together using the plastic Joining Strip.
- ❖ Pull ropes if roof is not quite close enough and then disconnect them when finished.



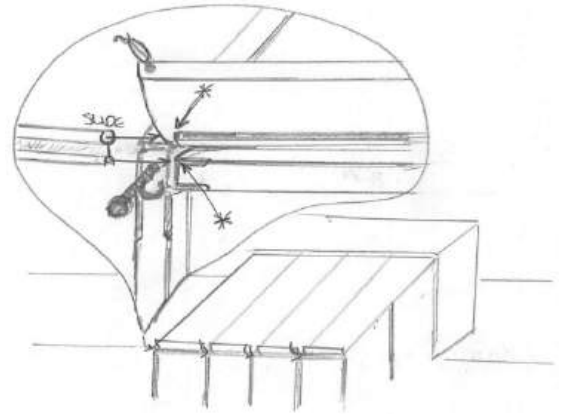
20. Install Remaining Roof Panels

- Ropes, Pulleys, & Carbine Clips
 - Roof Panels
 - Joining Strips
- ❖ Layout each roof and slide into front beam as before.
- ❖ Connect the ropes and enter the roof sheets into the Main Roof Beams.
- ❖ Pull Up roof sheets and slide in the joining strips.



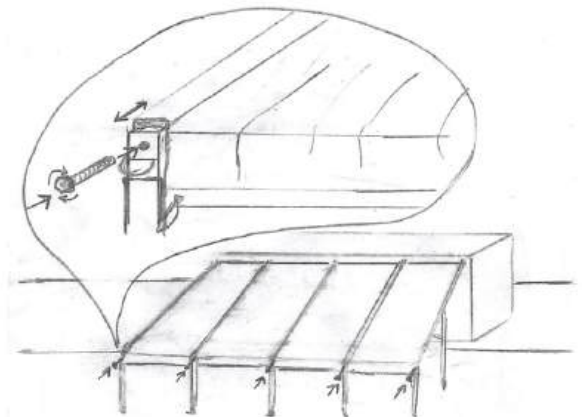
21. Install Joining Strip At Bottom Of Roofs

- Joining Strips
- ❖ Slide in a second length of joining strip at the bottom onto the underside of the roof sheet and into the front beam (front top corner).



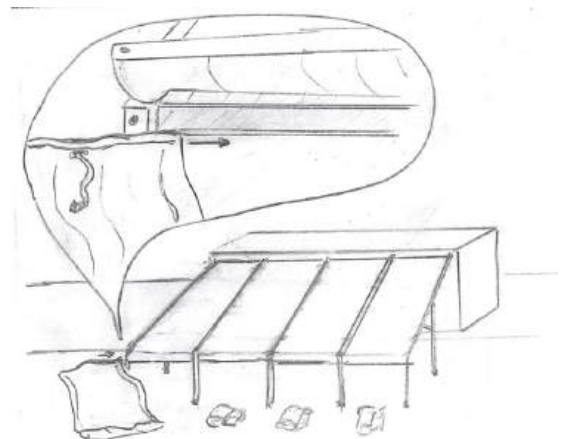
22. Tension Roof Panels

- Main Roof Beams
- 120mm-140mm M10 Bolts
- Electric Impact Wrench/Driver
- ❖ Wind in the M10 bolts by hand to get started.
- ❖ Using the electric impact wrench and tension.
- ❖ Over tensioning will cause the roof to pop out of the plastic joining strip at the top.



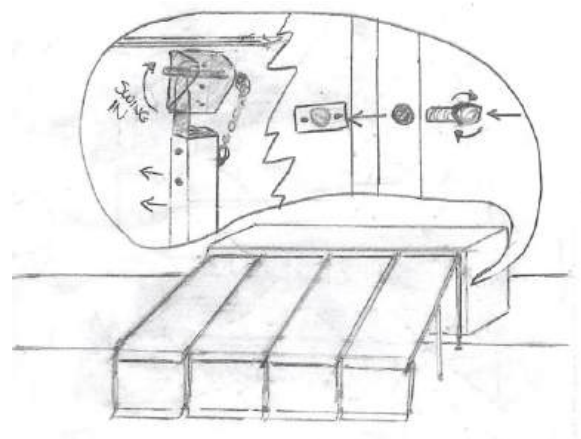
23. Installing Front Walls

- Front Walls
- Front Beams
- ❖ Pull back the roof flap, revealing the front beam, enter
- ❖ The front wall from one end into the bottom groove.
- ❖ Unzip and slide each side into the leg either side.



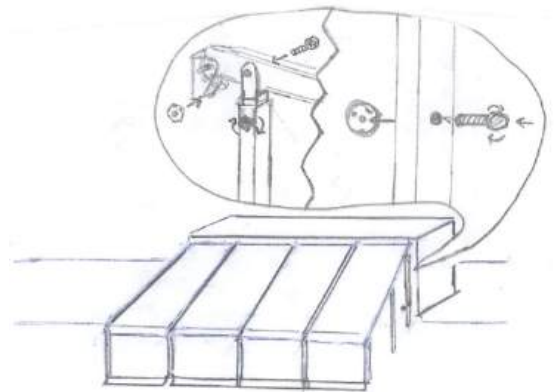
24. Installing Truck Legs – Variation 1

- Truck Legs
- M10 Bolts (60-80mm) / Handwheel
- ❖ Hook the top of the leg behind the top bracket on the Truck and swing the leg back against the truck face.
- ❖ Secure using bolt/handwheel into receiver on truck.



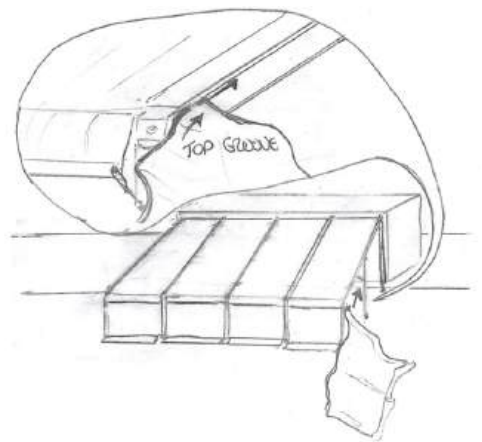
25. Installing Truck Legs – Variation 2

- Truck Legs
- M10 Bolts (60-80mm) / Handwheel
- ❖ Attach the top of the leg through Main Roof Beam using a bolt (on the outside and the bracket positioned on the inside face), and nut.
- ❖ Adjustment can be made at top and bottom of the leg.
- ❖ Secure using bolt/handwheel into receiver on truck.



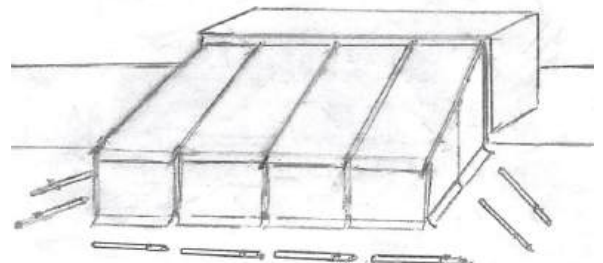
26. Install Sidewalls

- Stepladder
- Sidewalls
- Main Roof Beam
- ❖ Lay the side wall at the front leg and slide the larger end into the very top groove of the Main Roof Beam.
- ❖ Have a person feed/guide it in at the bottom whilst another person lifts and pulls the sidewall up the groove (there is a technique and this becomes easy).



27. Layout Floor Rails

- Floor Rails
- ❖ Lay out the floor rails in their correct gaps.
- ❖ Generally, the fronts are smaller and the same size.
- ❖ The sides are usually longer but again the same size.



28. Install Floor Rails

- Floor Rails
- Legs / Feet
- Front & Sidewalls
- ❖ On the end of the floor rail is a mushroom shape rivet, this fits into the hole on the foot and only can come back out again when aligned with the hole.
- ❖ Enter the fixed end of the floor rail into the 1st hole up on the foot of one side of the bay. Then adjust the end cap at the other end of the floor rail to extend into the 1st hole up of the foot at the other end of the bay.
- ❖ Secure the wall using the elastics around the floor rail.

