

'Party Tent' Set-up instructions P6m span



Cover it faster!

1. PREPARATION: 'Laying out'

Lay out a straight line of wall bars to mark where the feet will go, lay a foot beside each join, connect the feet to the bars and partially stake the foot, **before staking, check no underground obstructions !!** (if there are any major changes of ground level, try to even them out at this point) repeat this with all the legs on one side, when feet staked, re-connect the legs to feet using footpin from inside to outside and flip cotter pin.

Mark the position of the opposite side of the structure using the gable wall bottom bars and repeat the above procedure. Measure diagonally across the structure from foot to foot then repeat with opposing feet to check square, then level and stake the feet (do not connect the legs yet).

Lay out all rafters to align with the steel eave joint with the straight cut at the outside and the notched end in the centre, matching a pair (one with insert and one without) forming the shape of each span laying down (all pointing in the same direction).

Work down one side connecting each rafter with 'L' pin and flip cotter pin to the legs already connected to the feet, when complete, work down the centre line connecting each pair of rafters with L pin & flip cotter pin, finally work down the opposite side connecting the legs to the rafters as before, and then fitting the leg bottom into each relevant footplate. Fit the gable uprights to each frame end in the middle with 'L' pin and flip cotter pin.

*Slide a diagonal bar under the end frame and connect to the inside of the second foot in from each corner using flip cotter pin. Lay out one eave purlin and two intermediate purlins next to each side wall bar down one side, and one eave purlin and one intermediate purlin down the other side. **Note: maximum 6 un-braced bays between braced bays***

2. 'Lifting Frame'

When all assembled and laid ready, check all pins connected and safely clipped and no overhead obstructions.

- 2.1. Lift the first span at equal points along the rafters and push up until the diagonal bar can be connected at the inner pin at the eave and secured by 'R' clip
- 2.2. Using the curved end of the three intermediate/ridge purlins, hook them onto the centre ridge bracket and each bracket in mid rafter, also
- 2.3. Connect the eave purlins at each eave in the same manner
- 2.4. Lift up the second frame until vertical and hold it there, using the purlin fork, lift the ridge purlin and hook it into the second frame ridge to secure frame. Lift and connect the eave purlins and two intermediates to complete one bay
- 2.5. Continue this process until frame complete, including fitting second pair of diagonals in opposing direction in last bay.

3. 'Fitting Covers'

- 3.1. Throw ropes over frame, connect to rings on roof covers on one side, slot covers into rafter tracks and use ropes to pull over, (if you tie a third piece of rope to the same point on cover you can use this to pull both ropes back over in one go ready for the next roof). Continue this process until complete
- 3.2. On the inside of each roof there are elastic tension ropes with hooks to tension the roofs, they are best tensioned both sides at the same time on each roof, thread these over the eave purlin then back to catch the hook point, do the four ends first, one hook goes into the hole on the eave purlin hook then stretch the middle set over purlin and back to hook into the holes on the inside face of eave
- 3.3. The walls all slide down the side upright tracks from the top (bottom pocket at outside), in two halves, one with eyelets the other with lacing, then slide wall bar through rings at top (ensure not twisted). Hang one end of wall bar onto hook at eave, slide other side rings onto wall bar, lift up and hang other hook. Finally lace up 'dutch' (centre) lacing from top of wall by feeding loops through eyelets, down to other next eyelet. Bring next loop through both eyelet and tail of first loop and so on, last loop through ties off around the previous loop

The gable walls slide down the gable uprights from track opening and hang onto wall bars which at the outside edge are just tube end, this slides over the projecting eave pin which carries the diagonal brace (as you do this you may have to remove the 'R' clip retaining the diagonal bar, remember to re-fit this clip if wall bar removed)

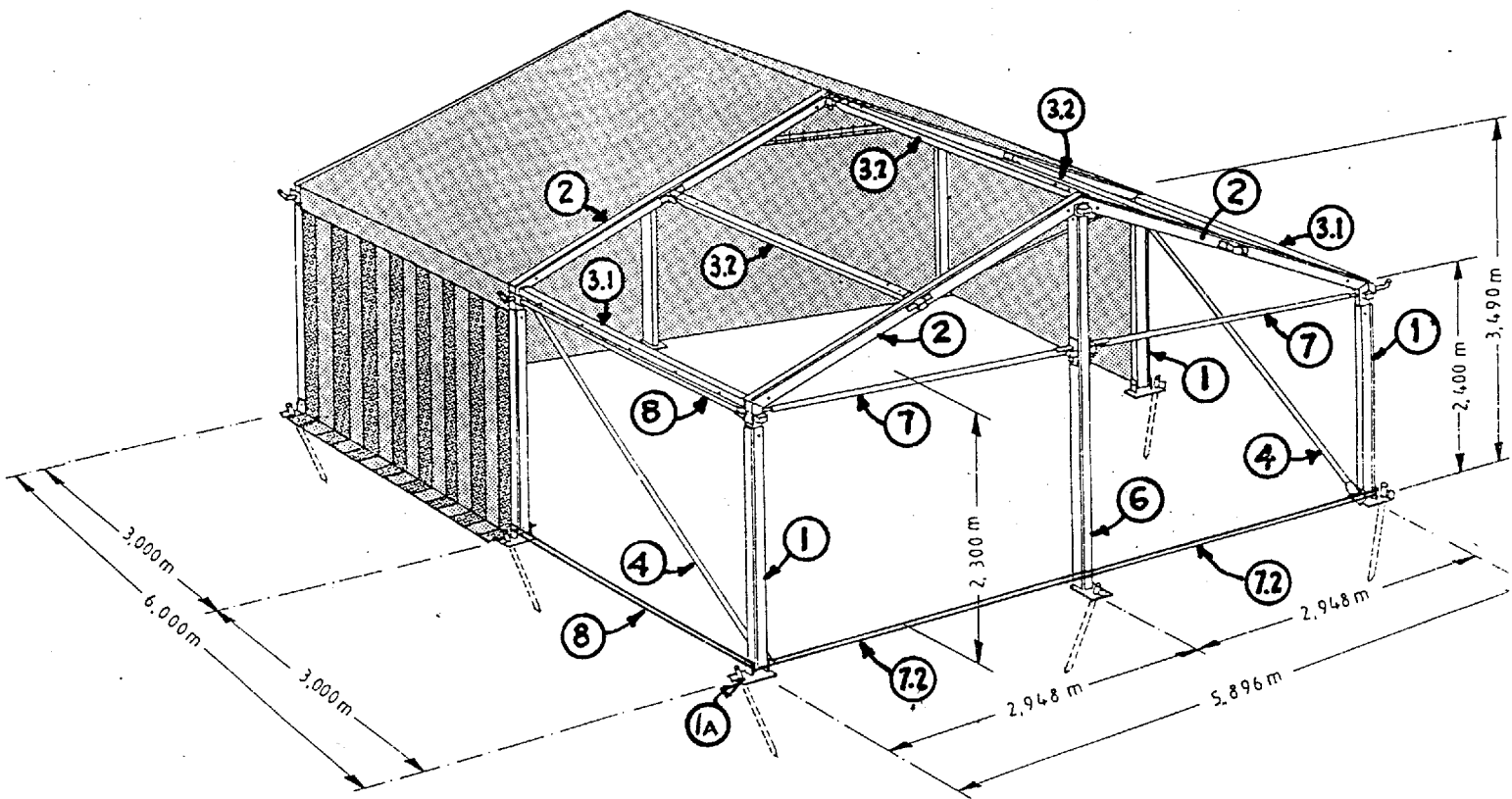
- 3.4. The gables are split into four halves which pull into the rafter tracks from the sides towards the middle then lace using dutch (centre) lacing (as walls)
- 3.5. All the roof and gable covers have 'loop and toggle' fittings which loop together from roof to wall to prevent the roof valance from flapping onto the roof

Tools Required

sledge hammer, step box and stepladder approx 7' long

Cover it faster!

Model : P 6



hoecker ALUMINIUM MARQUEE, MODEL P 6

The main structure of this marquee comprises anodised extruded aluminium profiles. The roof trusses spaced across the ridge and eaves have quick-assembly push-fit connectors.

The steel corner joints are galvanized.

Aluminium profile : 89 x 48 with two tracks
or : 110 x 48 with four tracks
Purlin profile : 60 x 60

The marquee dimensions are as follows:

Clear span : 5.90 m centre of leg/centre of leg
height of side panel : 2.40 m
height of ridge : 3.49 m
roof truss spacing : 3.00 m

The basic unit is 6.00 m long. This can be added to in sections of one bay, and can thus be extended to any length as required. In the case of any length over 24.00 m an additional pair of diagonal wind-bracing bars are required. Maximum spacing between wind-bracing bars: 6 bays.

The marquee framework can either be erected on steel foot-plates or on a hoecker steel/aluminium sub-structure flooring system. The anchoring method depends upon structural calculations. The structure is assembled from ground level upwards, so no dangerous roof-work is involved!

The roof trusses have slot tracks for the PVC sheet bolt-rope edges to be inserted, thus resulting in a very tight and secure join between the framework and PVC sheet.

Covers: high-gloss PVC 650 g/sq.m.

Roof and gable-ends white, with elasticated rope tensioning to the eaves purlins.

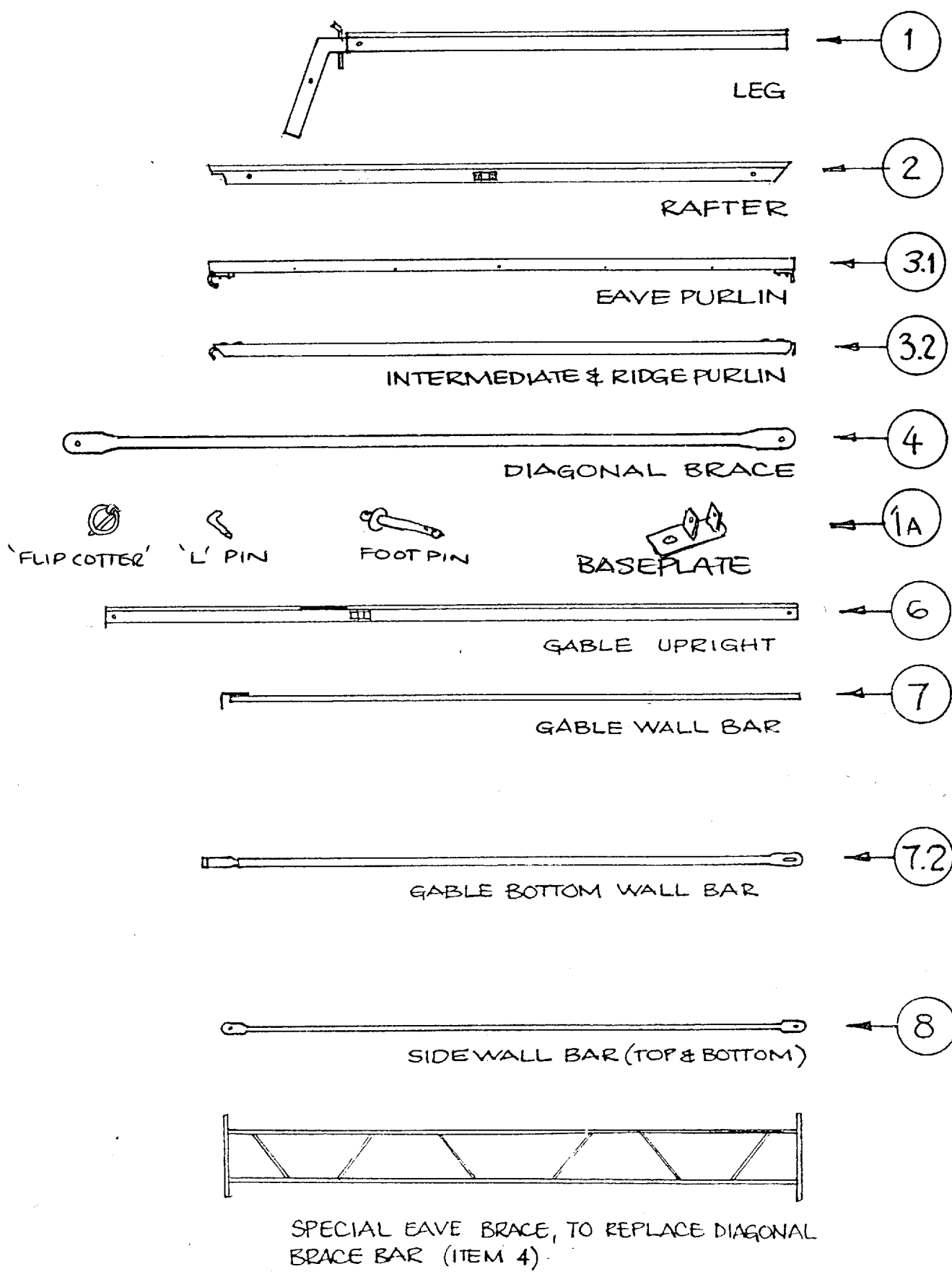
Side sheeting: bolt-rope edges, rings at top edge for wall-hanging bars, laced at centre, white as standard or striped on one side in the following choice of standard colour combinations:
red/white, blue/white, green/white, orange/white, brown/cream.

The marquee can be supplied with tested structural calculations. According to structural calculations it is stable in structure to DIN 4112.

No allowance has been made for the effects of snow. Snow must be cleared from the roof regularly or a constant temperature of 12° C must be maintained at the ridge point.

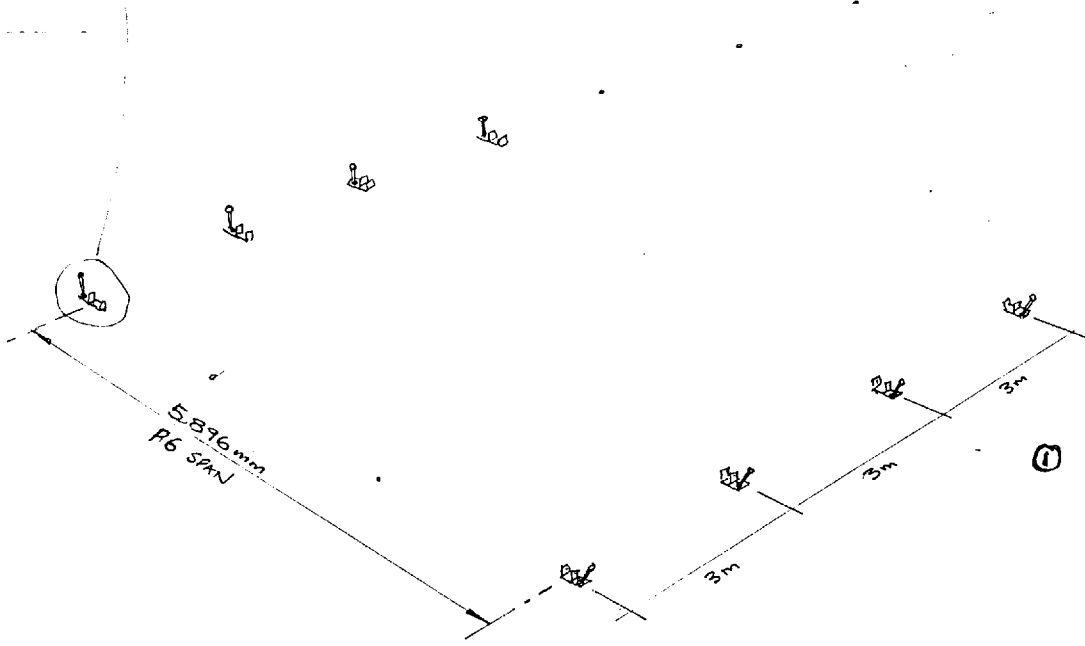
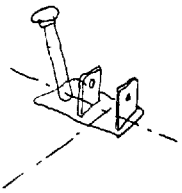
Longest single component :	3.745 m	
Weight of basic unit :		Wt. of covers :
6.00 m length :	= 370 kg	84 kg
1 x 3 m extension :	= 110 kg	26 kg
Volume of one basic unit :	= 0.420 cu.m.	
1 x 3.00 m extension :	= 0.140 cu.m.	

All dimensions, weights and transport volume given are approximate !



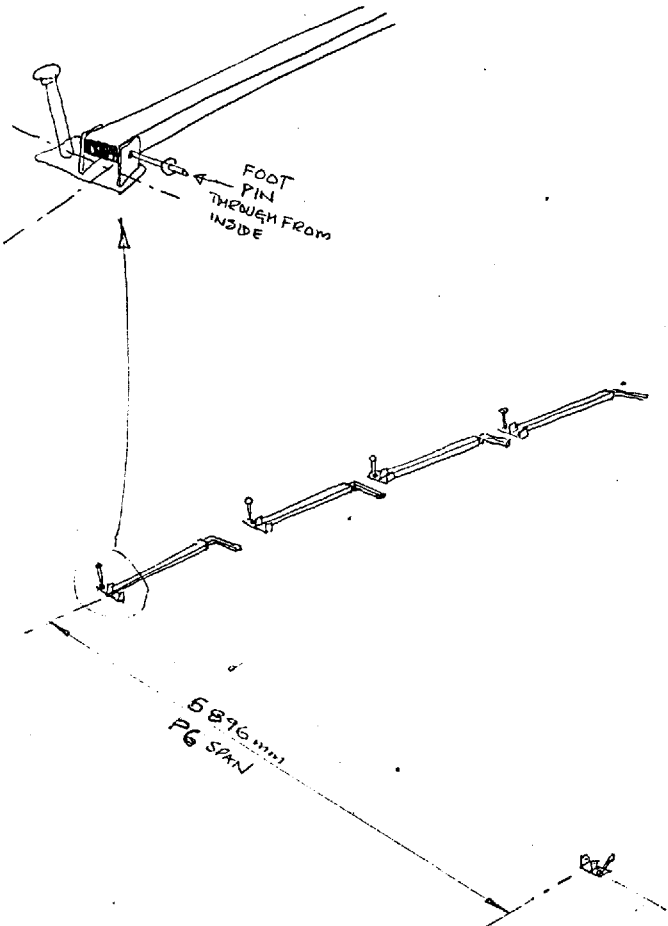
PARTS FOR MODEL PG

①

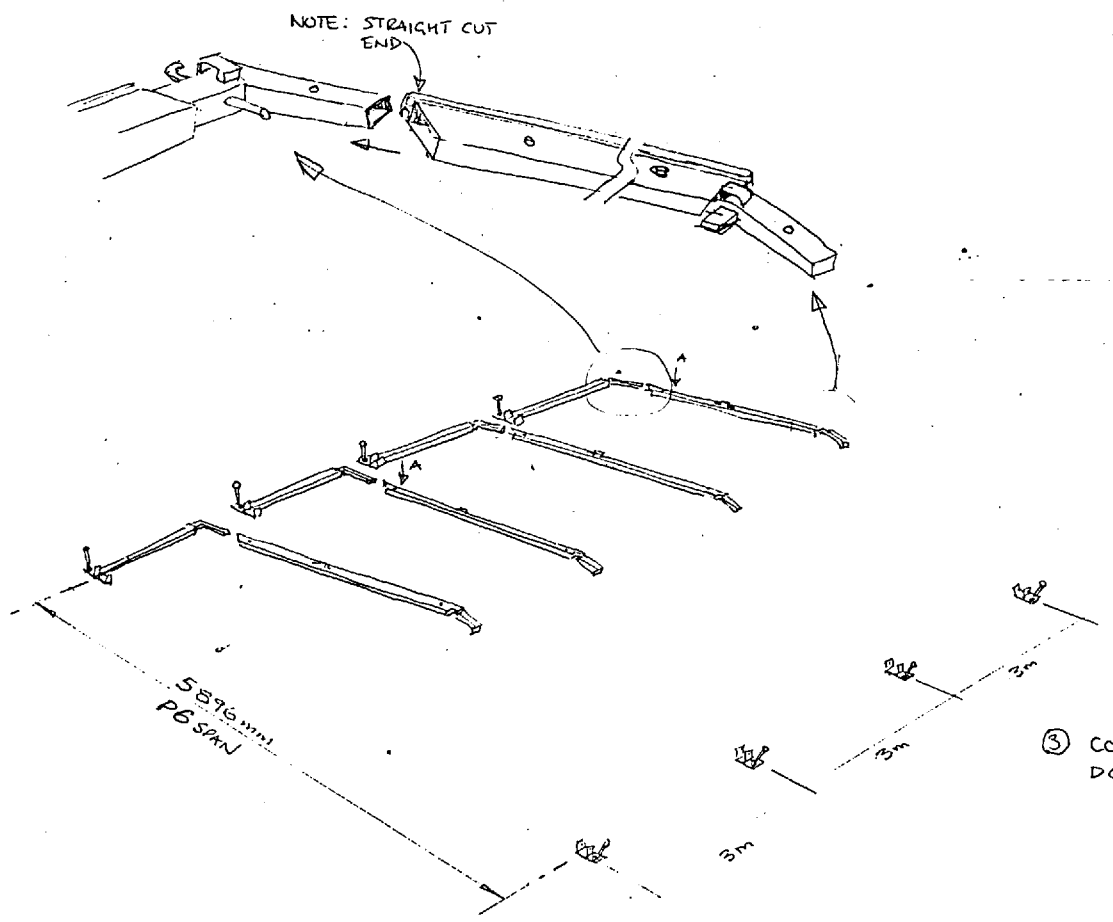


① LAYOUT BASEPLATES AND STAKE IN POSITION

②

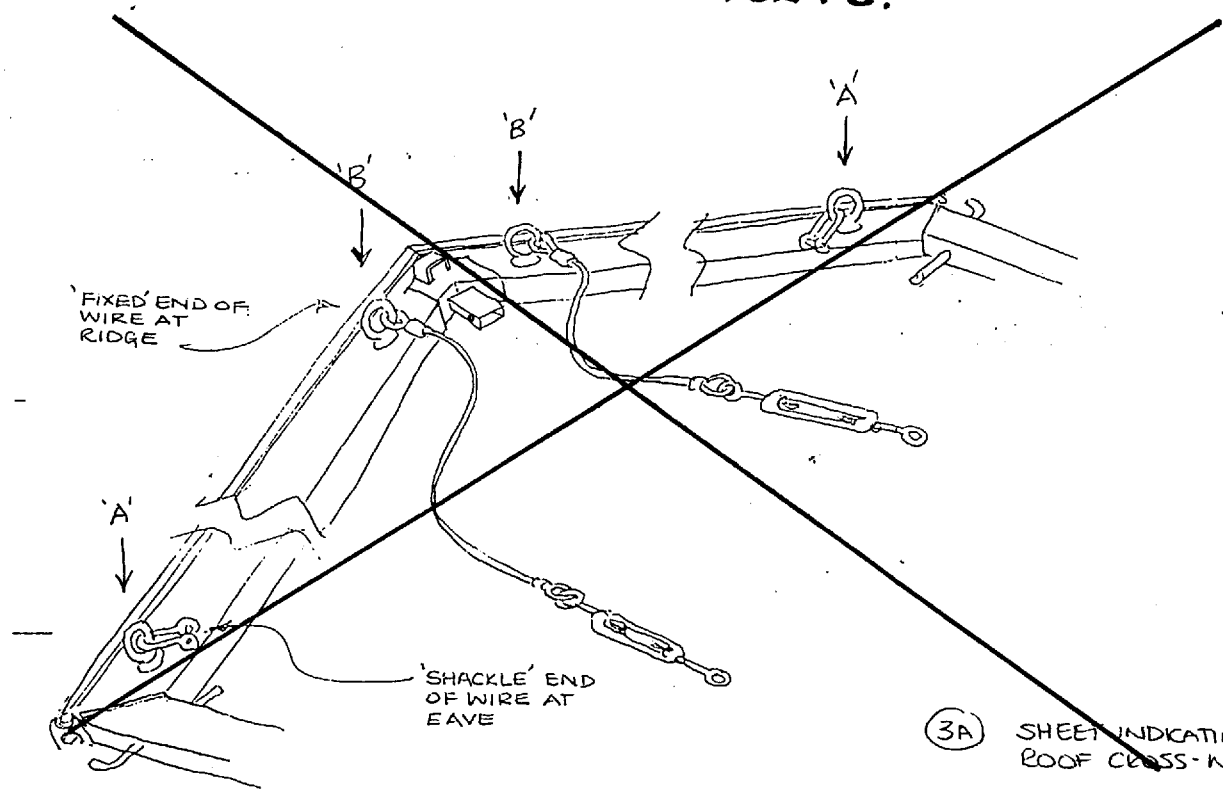


② LAY SIDE UPRIGHTS INTO BASEPLATES DOWN ONE SIDE AND PIN.



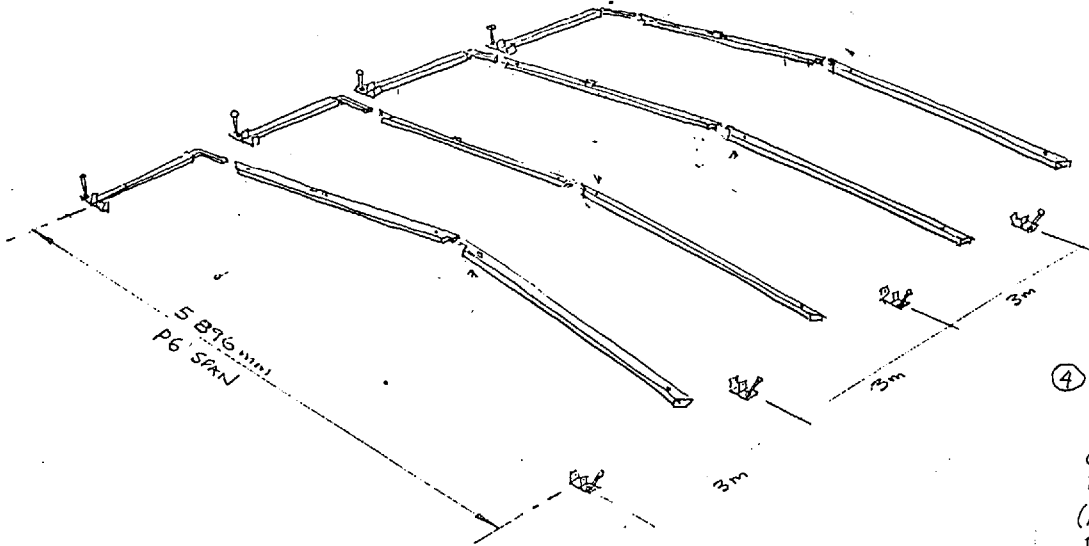
3 CONNECT RAFTERS ONTD LEGS :
DOWN ONE SIDE

NOT APPLICABLE
FOR PG!



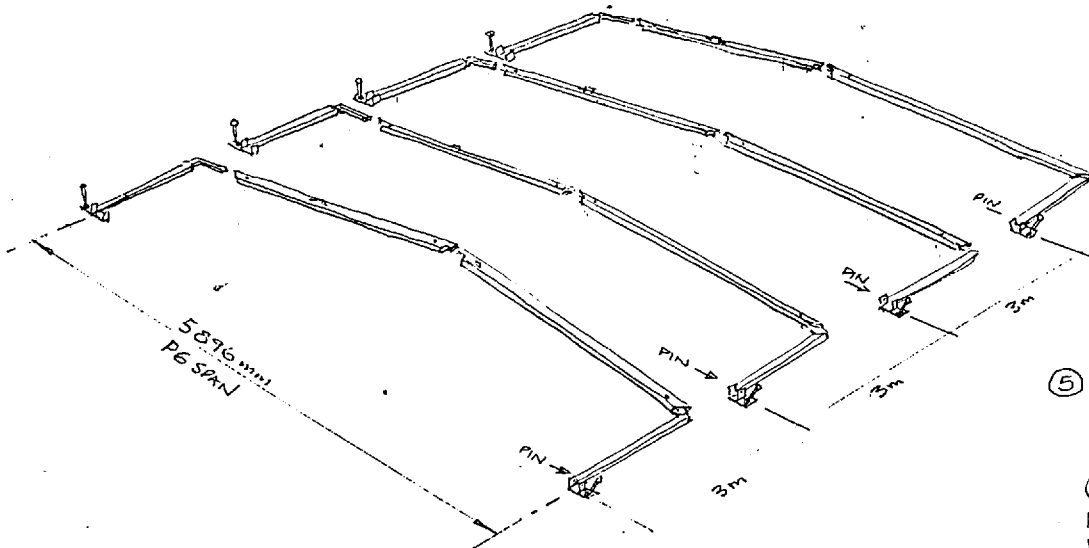
3A SHEET INDICATING
ROOF CROSS-WIRES

4



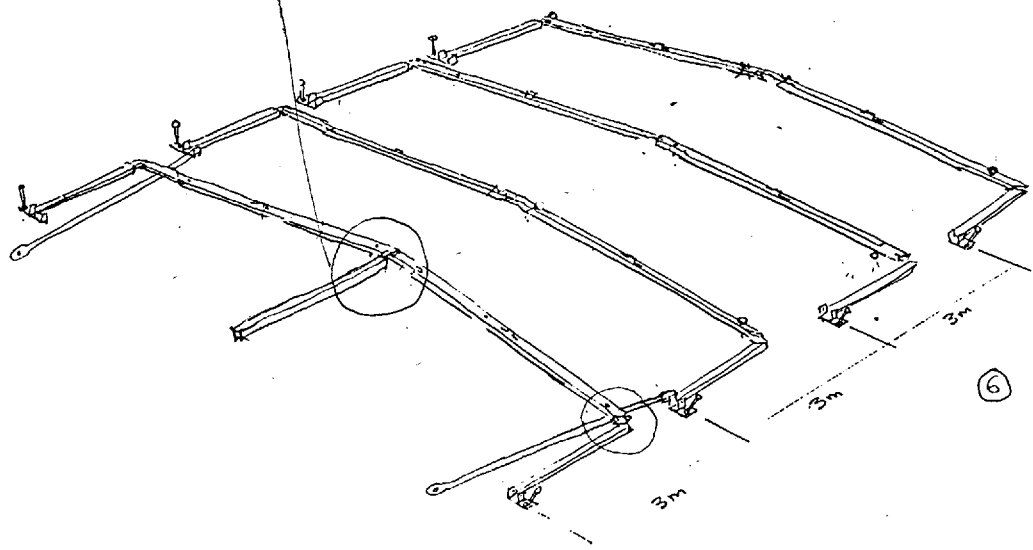
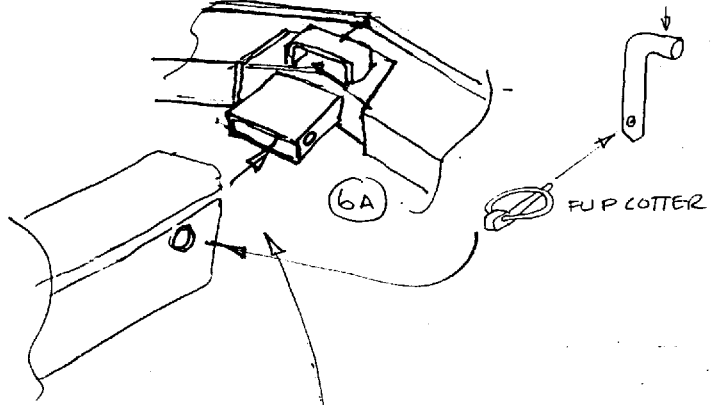
④ CONNECT SECOND SET OF RAFTERS AT RIDGE (NOTCHED END OF RAFTER) WITH ROOF CROSS-WIRE EYEBOLTS (AS INDICATED IN 3A) (ARROW INDICATES WHICH FACE EYEBOLT SHOULD BE).

5



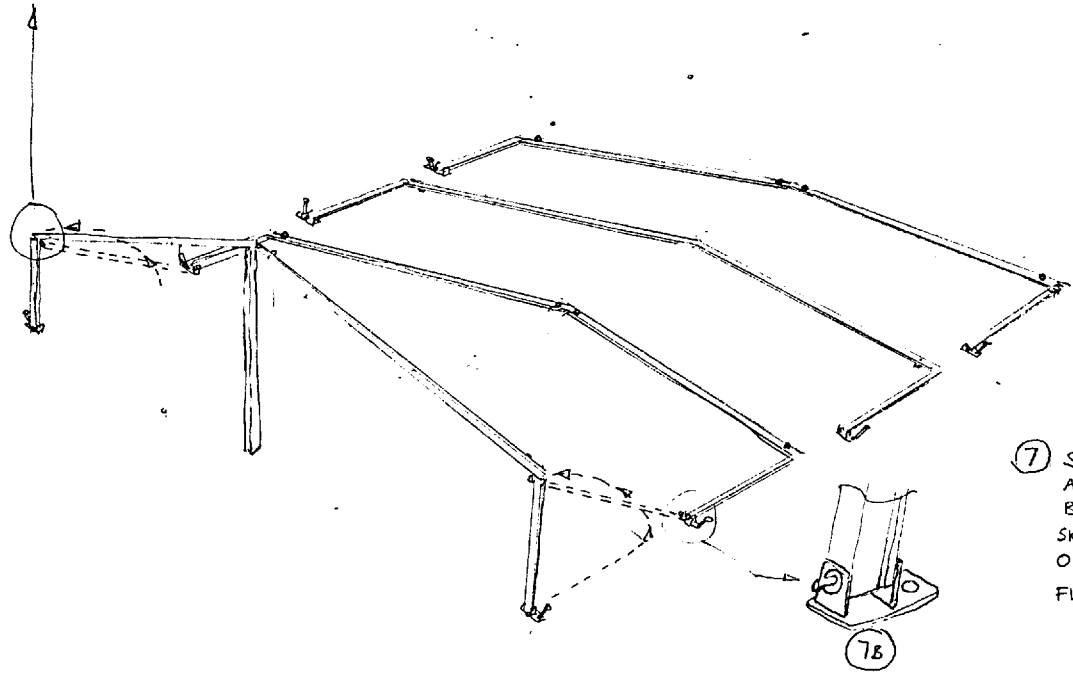
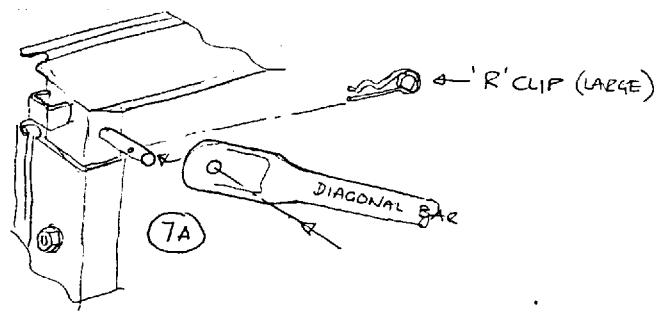
⑤ SLIDE SECOND SET OF SIDE UPRIGHTS INTO RAFTERS, CONNECT WITH ROOF WIRE EYE BOLTS (SEE SHEET 3A) PIN LEG BOTTOMS IN PLACE WITH FOOT PIN

6

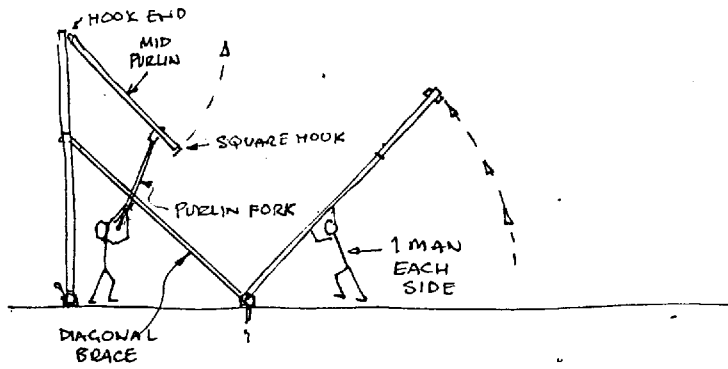


6 SLIDE DIAGONAL BAR (LONG LARGE DIAMETER STEEL TUBE WITH FLATTENED ENDS) UNDER THE FIRST FRAME AND CONNECT TO THE FOOT PIN ON SECOND FRAME WITH FLIP COTTER PIN CONNECT GABLE UPRIGHT TO 6A

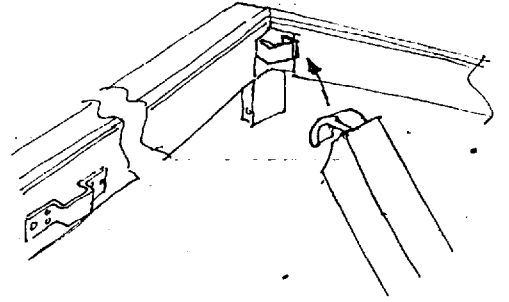
7



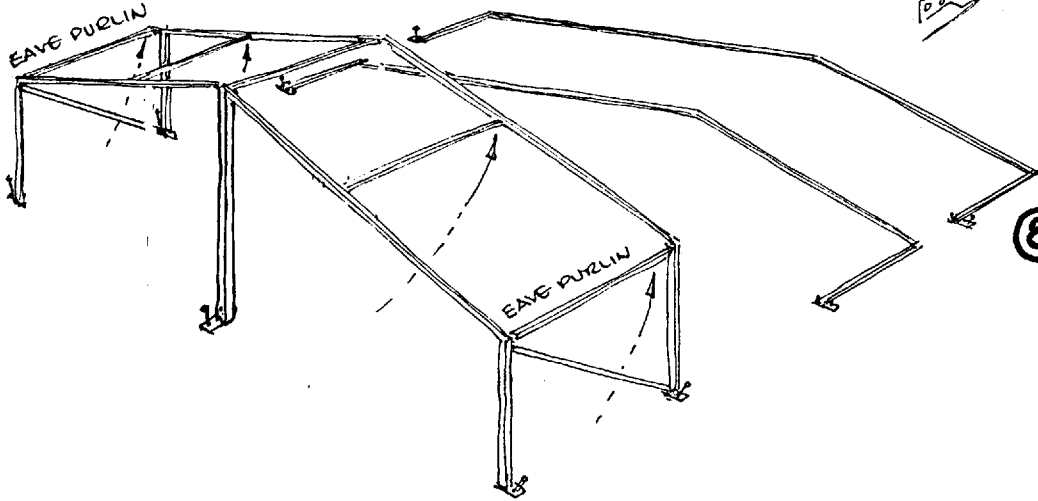
7 SWING FRAME UPRIGHT AND CONNECT WITH DIAGONAL BAR TO PIN INSIDE EAVE SKETCH 7A AND INSIDE FACE OF FOOT PIN 7B WITH FLIP COTTER PIN



⑧ HOOK CURVED END OF EAVE & MIDDLE PURLINS INTO BRACKETS ON STANDING FRAME



NOTE: SEE INSTRUCTIONS FOR SKETCHES OF EAVE & MIDDLE PURLINS

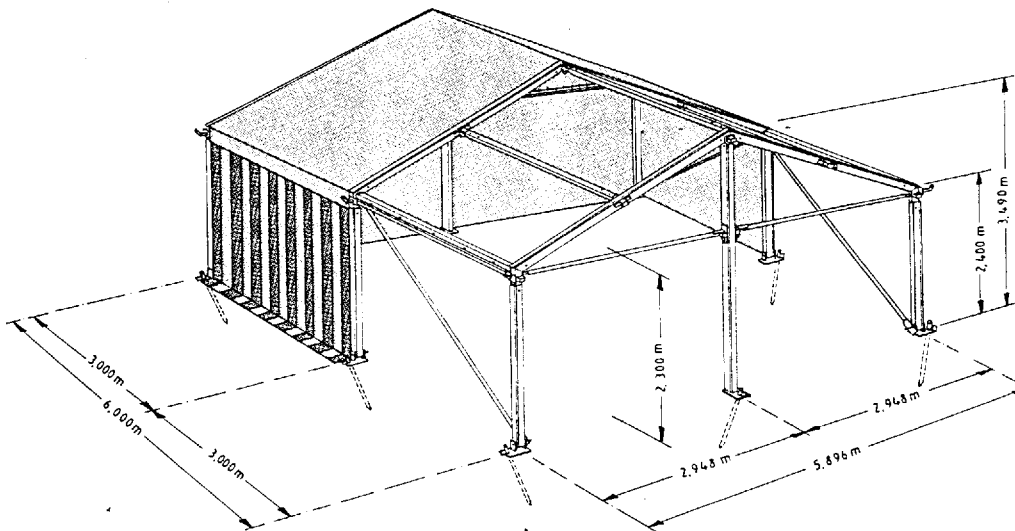


⑧A

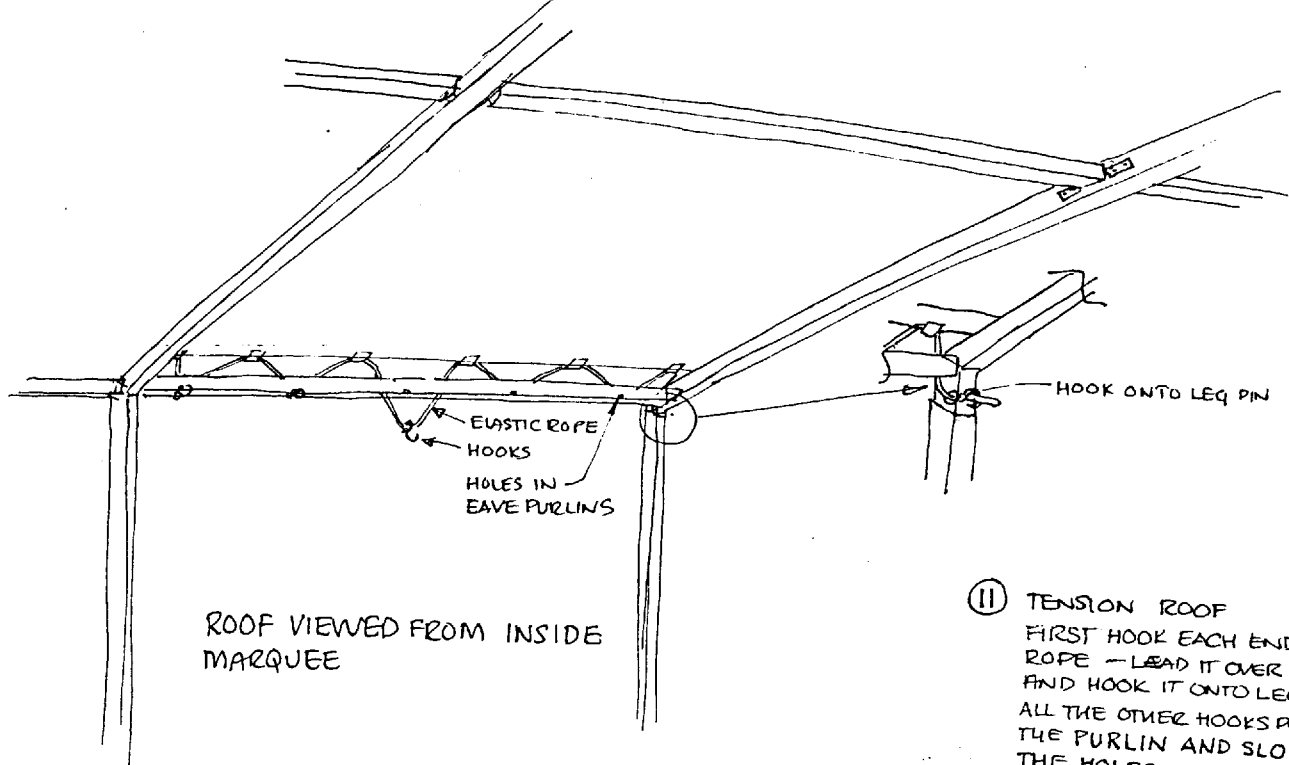
POSITION 1 MAN IN MIDDLE WITH PURLIN FORK READY TO LIFT MIDDLE PURLIN, 2 MEN LIFT NEXT FRAME UP AND STEADY IT WHILE MIDDLE PURLIN CONNECTS THE CONNECT EAVE PURLINS AND INTERMEDIATE PURLINS

⑨ CONTINUE UNTIL ALL FRAMES ARE UP STANDING!

Model : P 6



⑩ THROW ROPES OVER FRAME AND TIE TO RINGS ON ROOF. MAKE SURE THE ELASTIC ROPES ARE ON THE INSIDE - GUIDE THE EDGES OF THE ROOF INTO THE RAFTER TRACKS AND PULL EVENLY ON ROPES UNTIL ROOF IN PLACE



ROOF VIEWED FROM INSIDE
MARQUEE

① TENSION ROOF
 FIRST HOOK EACH END OF ELASTIC
 ROPE — LEAD IT OVER THE PURLIN
 AND HOOK IT ONTO LEG HOOK
 ALL THE OTHER HOOKS PULL OVER
 THE PURLIN AND SLOT INTO
 THE HOLES AS INDICATED