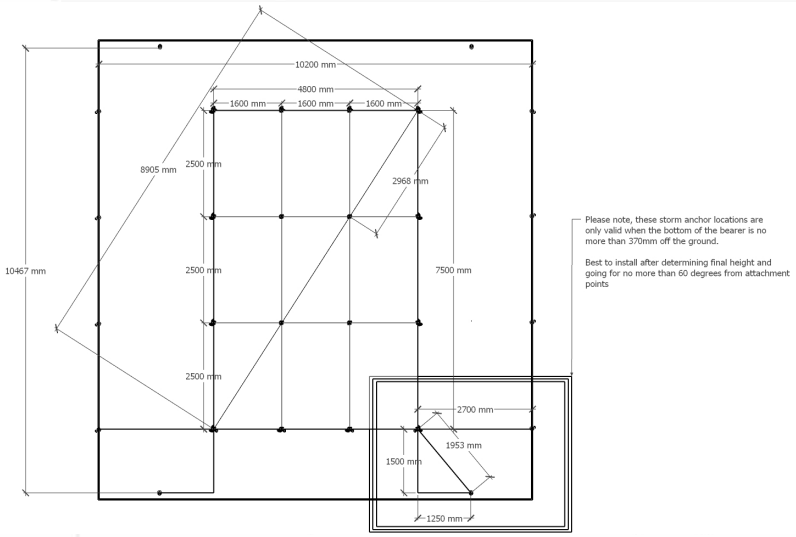
Assembly instructions

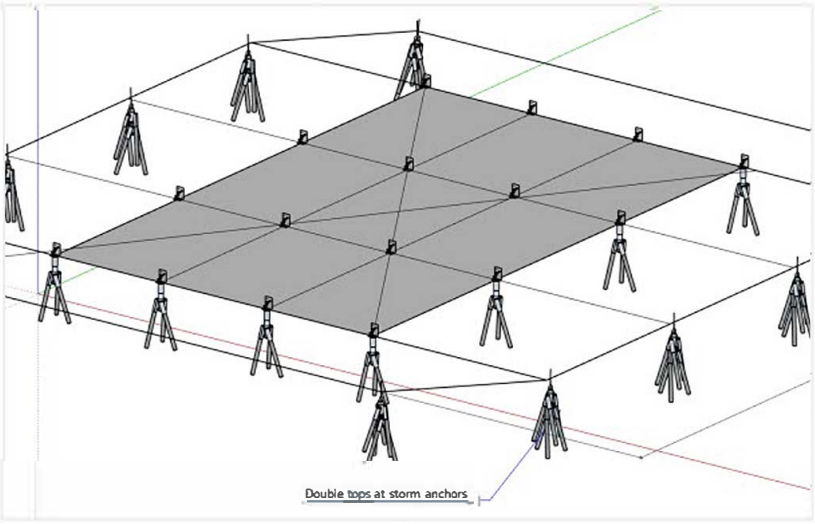
Step 0: familiarize with C3920 and multiply x10
(qty for 10 tents given 21/01/2026 - divide by 10 for single tent qty)



1

Use https://skfb.ly/oQnov AR (Augmented reality) overlay on mobile - Read all annotations - for a speedy set-out of the anchors and check measurements with page 7.
If you have an Apple Pro mobile (tablet/phone) then it will work best on Safari.

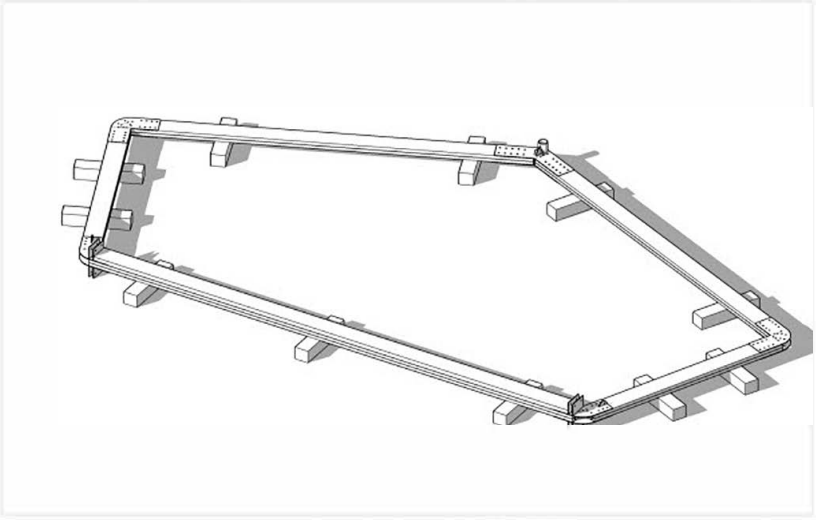
Pay attention to the double stacked anchors, they have to be dug in up to the eyelets - and at 60 degrees max from the attachment location - storm cable anchor positions are approximate based on flat ground and the sketched deck height- best installed after frame is in place to find exact location.



2

The storm cables need double anchors stacked one on top of the other - use the Mega anchor installation guide for information on how to install anchors according to spec.

Both the double stacked storm anchors as well as the cables need to be at 60 degrees



3

Lay out all the frames with the plates matching https://skfb.ly/oQn7q and read all annotations. Use supports of minimum 130mm high for ease of work.
Don't forget the D plates (spacers) and use the additional bolt holes to clamp the plates together before positioning.

There are plates B1, B2, B3, C and D (see page 5 for details)
For any information about sizes you can visit https://labs.sketchfab.com/experiments/measurements/?urlid=bdebbe3f96424c108aa4907ac6aa888b and add in 0.0254 underneath distance.
Check if you can match page 8 and if so you should be good.
Additionally see page 6 for beam sizes.

Assembly instructions

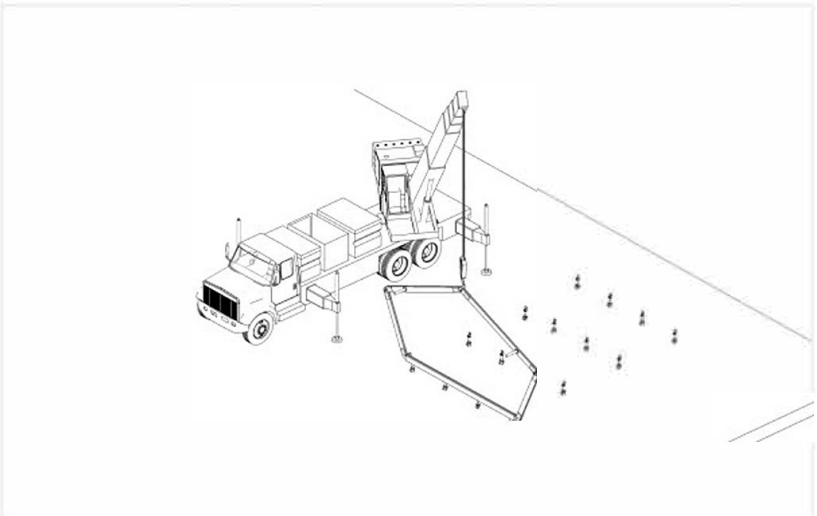
Multiply by 10

4

Use https://skfb.ly/oQn7q to check if the assembly of frames is correct. Use C3920 for engineering requirements.

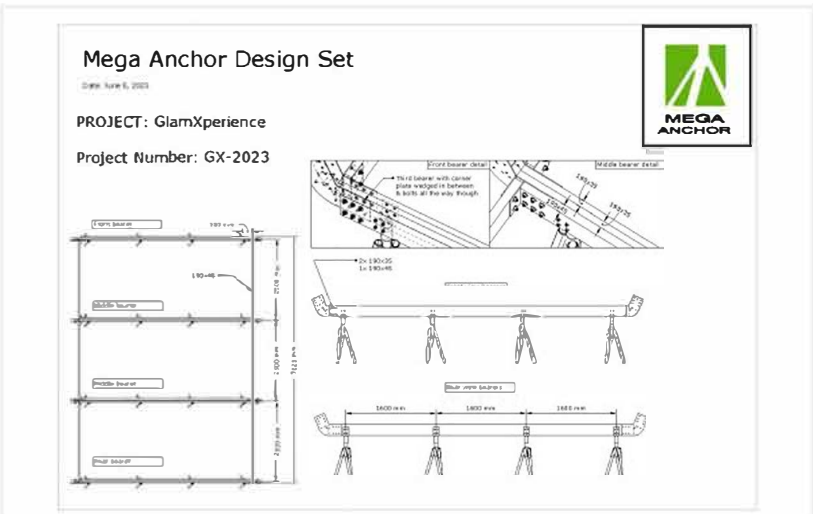
This image here should be assembled as many times as tents to be installed before proceeding to the next step.

Store them in a way that makes sense, either per equal part or per tent - whichever is preferred



5

Arrange your crane and lift the first section (the front section as per https://skfb.ly/oQn7q) into place, bolt the bottom to the anchors following the examples given.

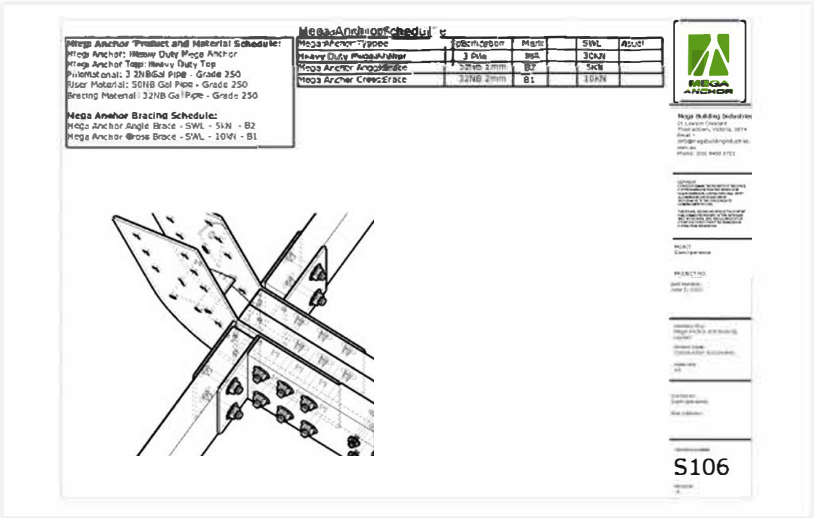


6

Use the Mega anchor design set (attachment 1) in conjunction with C3920 to install correctly.

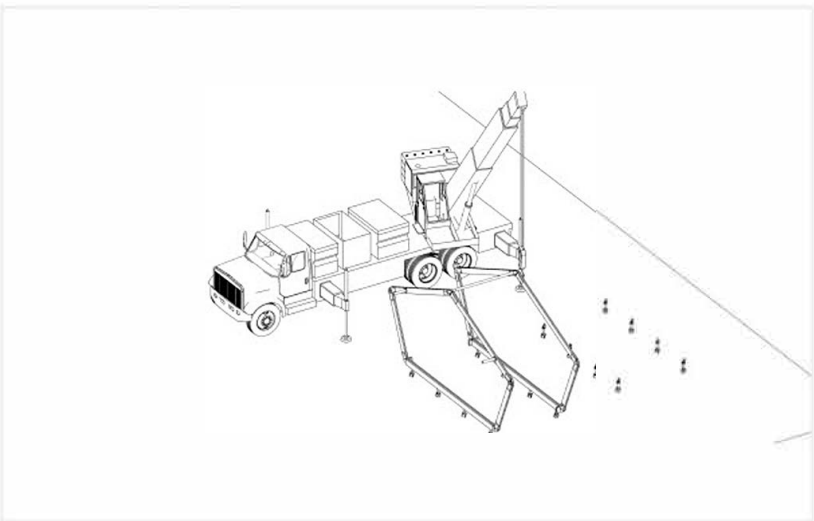
Assembly instructions

Multiply by 10



7

Use https://skfb.ly/oQn7q if anything is unclear - pay attention to the B plate that is to be within the notch of the additional third bearer.



8

Lift the second section into place and have the first tube already in place during lift. Easiest would be to have it on the one that is going to be lifted so that it can be maneuvered into place easily

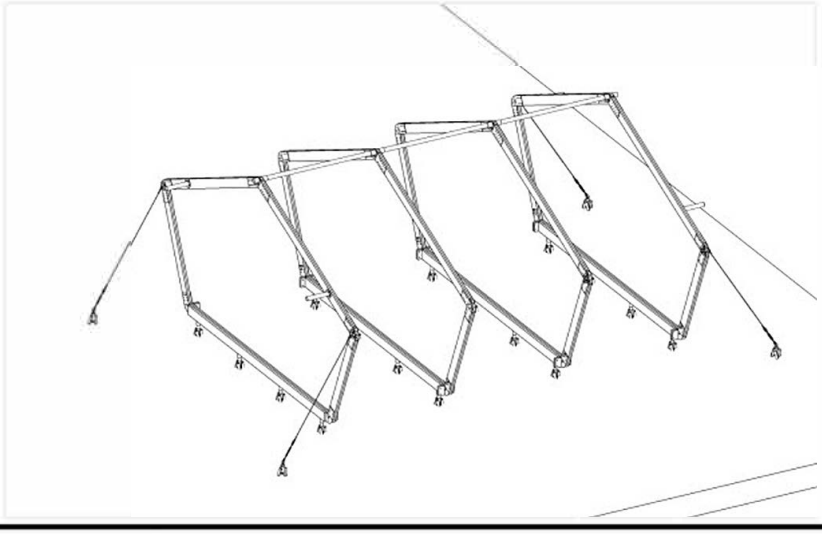
9

We are talking about P1 - the only tubes without end plates. They should be approx 2420mm long - there are 3 needed per structure

Secure as per C3920

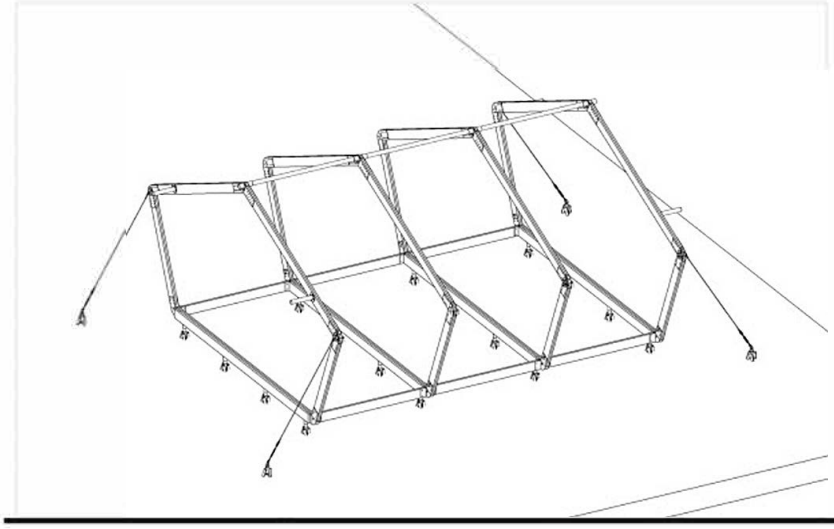
Assembly instructions

Multiply by 10



10

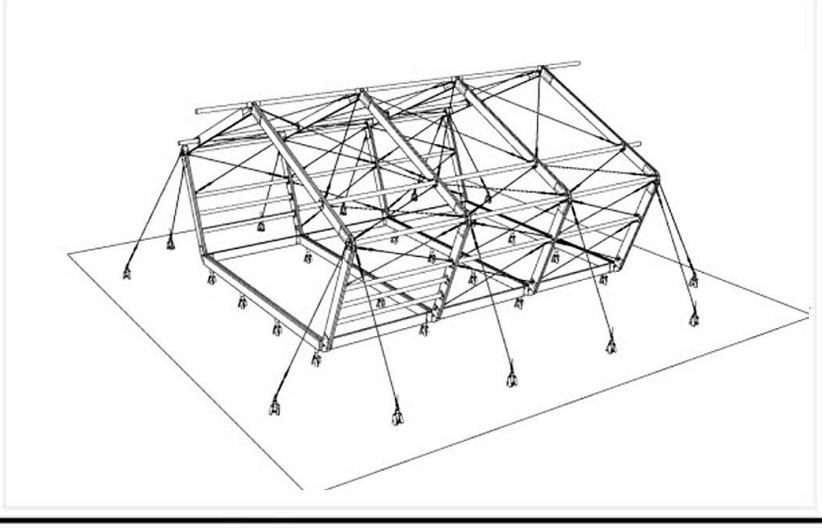
Attach front and rear ground anchors (if not installed yet then install them at 60 degrees both anchor and cable) to ensure stability during the rest of the works, use these to open up the sides with increased tension if need be to assist with placing of the tubes.



11

Attach the bottom side bearers as per C3920 and https://skfb.lyoPY9Q

Also you may now (if you haven't already) determine the location of the storm cable anchors - dig them in fully and place them at 60 degrees pointing towards the outter corners, only the eyelet should be visible when done.



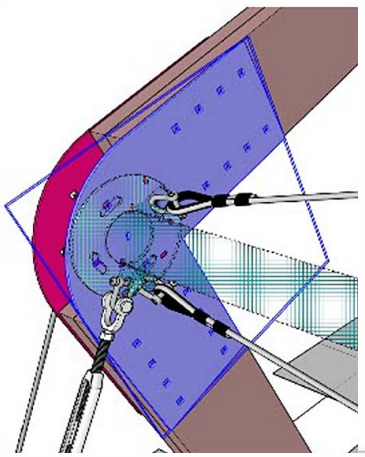
12

Use P2, P3, P4, P5, P6 and P7 to finish off the tube sections of the structure and then proceed to adding the bracings.

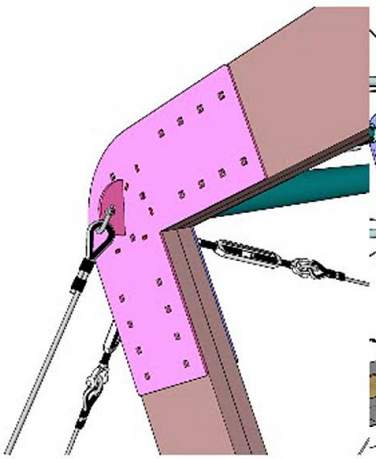
If needed or if deemed convenient you may install the joist fame prior to this step. Refer to C3920 deck framing plan for details.

Plate parts

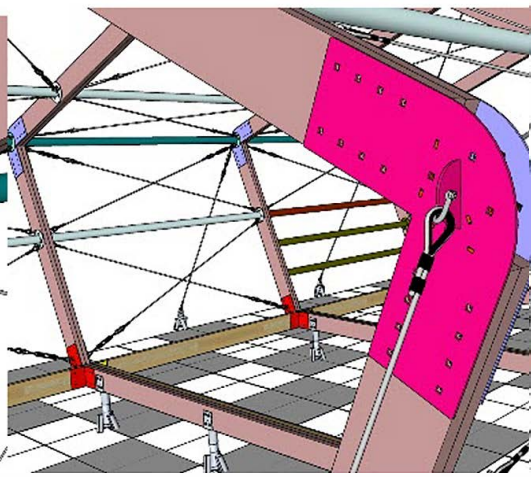
For 10 structures



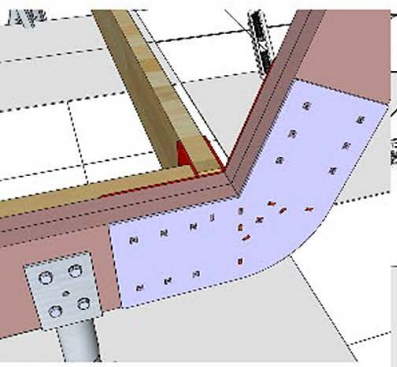
A1 x120



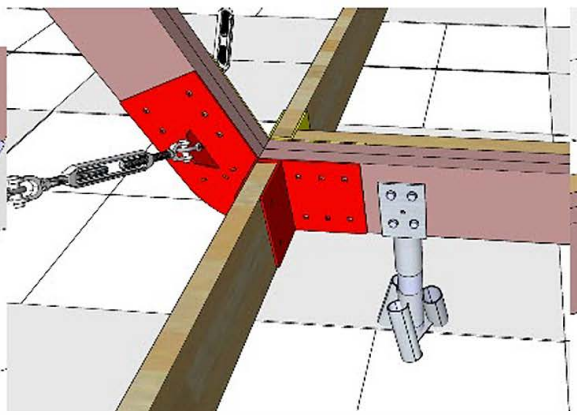
A2 x20



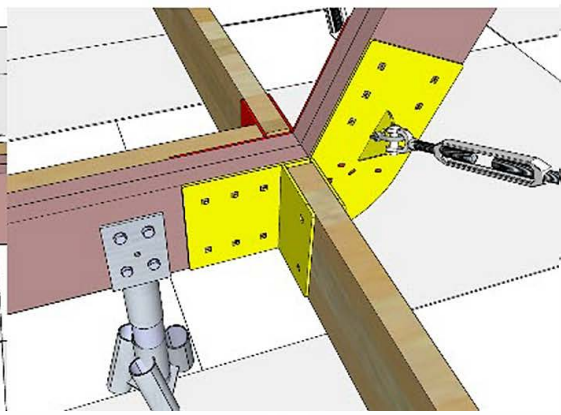
A3 x20



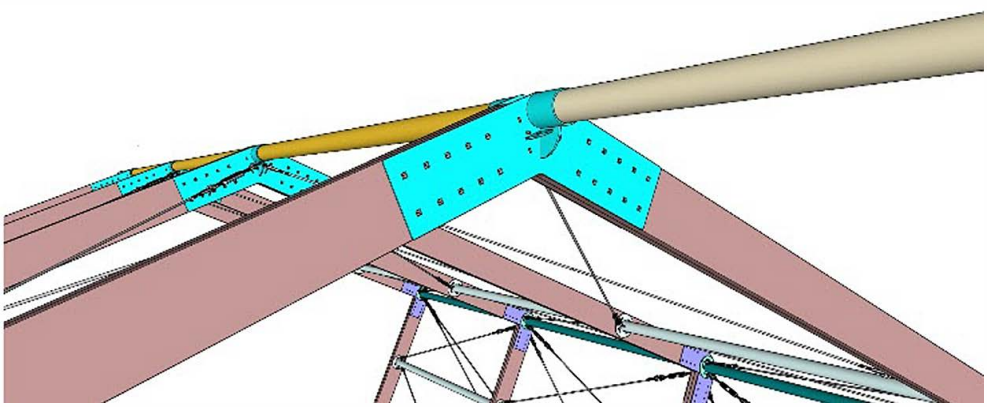
B1 x40



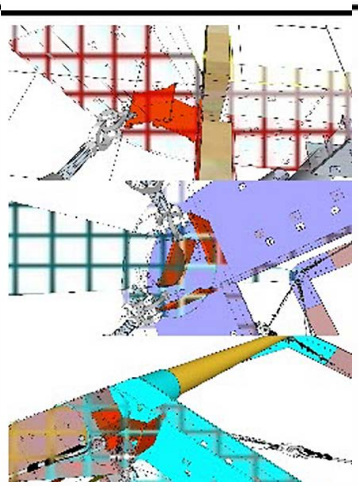
B2 x60



B3 x60



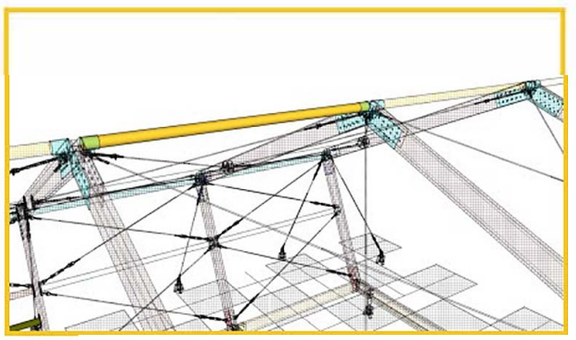
C x80



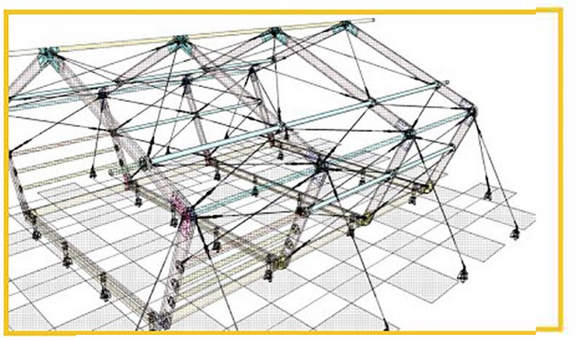
D x600 (internal spacer plates)

Tubes and wooden beams

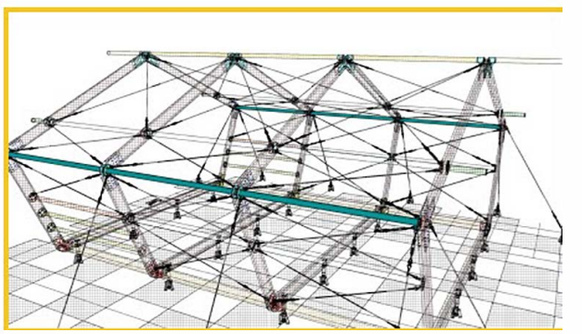
For 10 structures



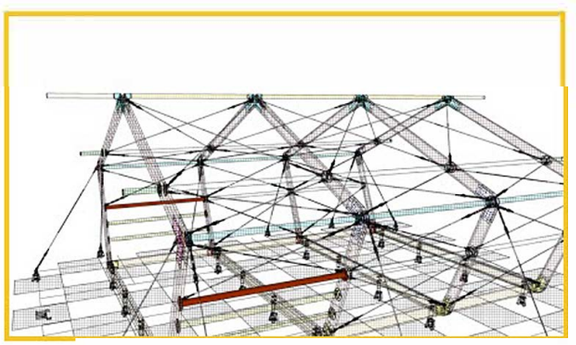
1 P1 top tubes
x20



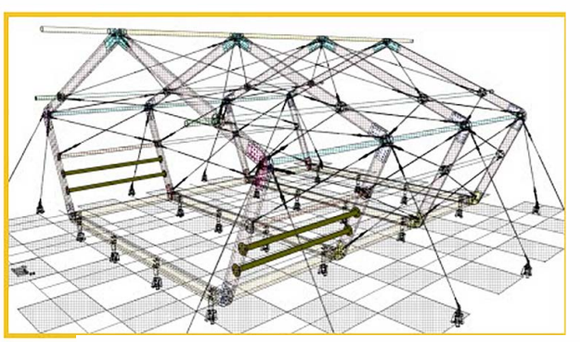
2 P2 top mid & rear bottom tubes
x100



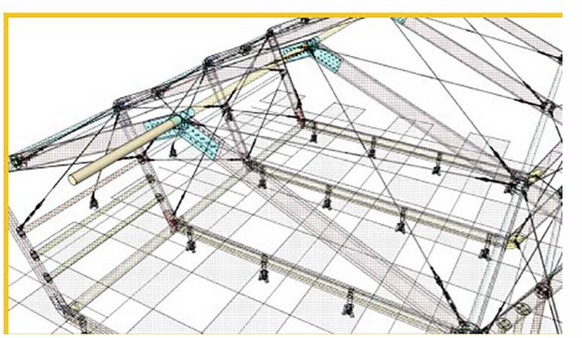
3 P3 outer tubes
x60



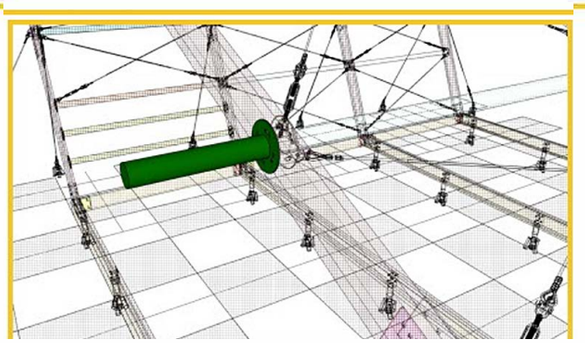
4 P4 front barrier top tubes
x20



5 P5 front barrier bottom tubes
x40

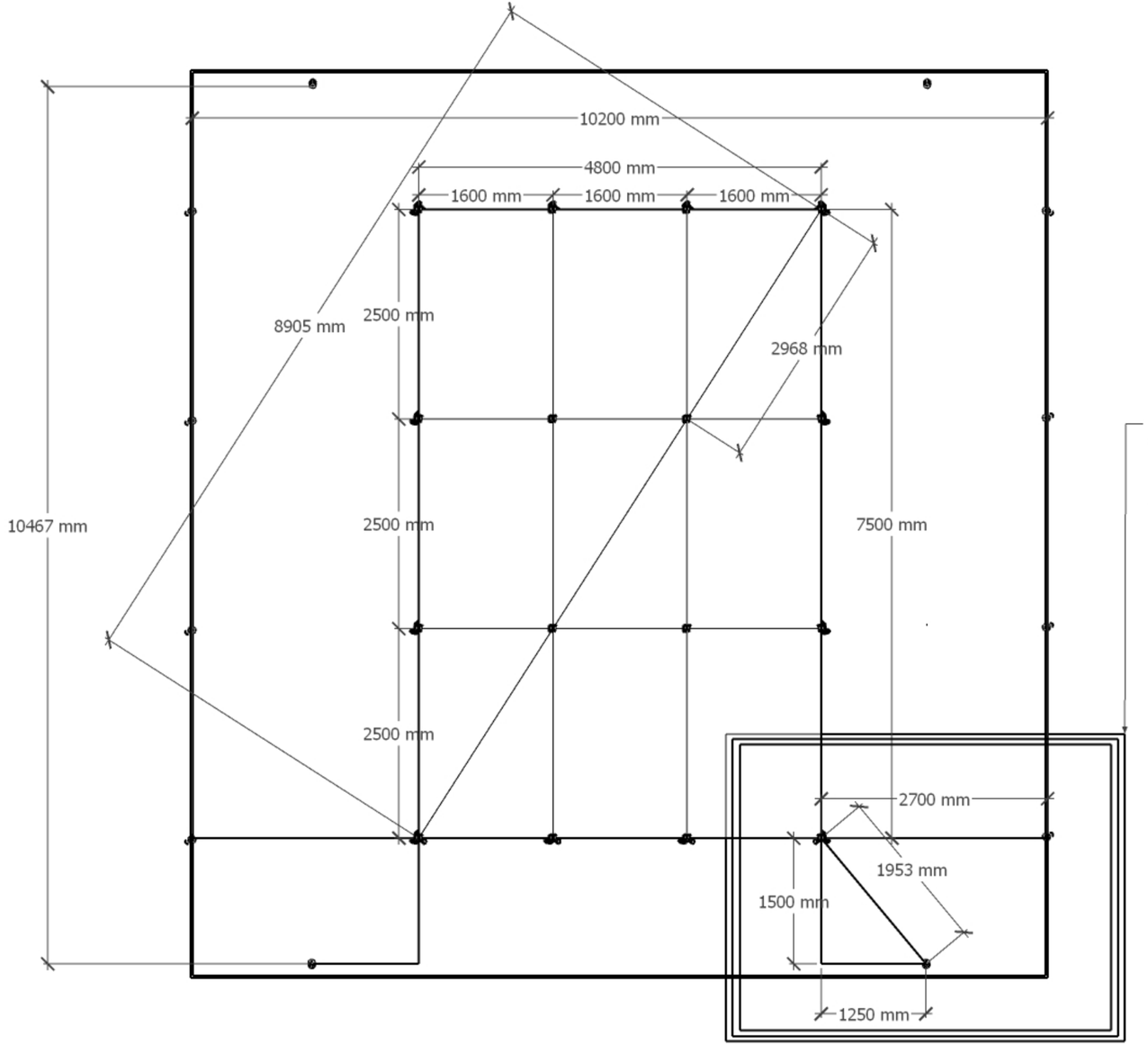


6 P6 roof stretch tubes top
x20



7 P7 roof stretch tubes mid
x40

Beams & sizes:
40x 5300mm 45*190 (3rd notched bearers)
60x 2400mm 45*90 (side trim)
80x 5400mm 35*190 (main bearers)
160x 2200mm 35*190 (diagonal standers)
160x 3878mm 35*190 (roof arch)



Please note, these storm anchor locations are only valid when the bottom of the bearer is no more than 370mm off the ground.

Best to install after determining final height and going for no more than 60 degrees from attachment points

labs.sketchfab.com/experiments/measurements/?urlid=bdebbe3f96424c108aa4907ac6aa888b

This is an experimental web plugin that allows measuring within the model