



WHAT YOU'LL NEED

Drill / Impact Driver x2

Socket Set & Shifter

Ladder

Mallet

Forklift / Crane / Scaffolding / Scissor Lift *

Tape Measure

Stringline

Level

Marking Pencil / Chalk

Stanley Knife

DynaBolts*

Warning read instructions carefully before use.

Recommended procedure to follow in this document.

For safety reasons it is recommended that at least four persons set up any Dome Marquee.

Ensure area is free from any sharp objects & overhead objects.



www.extreme-marquees.com.au 1300 850 832

DOMES MARQUEE OVERVIEW

1. Introduction

The Top Tent Dome main structure is made up of powder coated steel. The frame base plate can be used on any ground surface. The frame can be dynabolted to hard surfaces. Steel pins are included with your order, check the ground for under ground amenities before installing your Dome Marquee.

Frame Specifications

Max Allowed Windspeed: 100km/hr Wind Speed.
Framework Material: Powder Coated Steel.

Cover Fabrics/Material

850GSM PVC & Clear PVC

All Materials are:

Waterproof
UV Protective
Flame Retardant (B1 DIN 4102/GB8642)
All seam/joins are constructed using high frequency welding

For more information refer to Engineering Certificate and Product Specifications online or with your Sales Consultant.

2. Installation Preparation

Prepare tools required for installation:

Socket Set / Drill Set
Tool box
Safety Harness
Ladder / scaffolding
Domes larger than 10m will require a crane.

Layout all the frame components in numerical order on a clean dry surface. Each frame piece has a number code on either end, once all pieces are sorted confirm frame quantities as per packing list.



THIS IMAGE IS FOR REFERENCE ONLY

3. Assembly Cautions

- a) Before commencing construction refer to the Ground Set Out plan of the marquee. Measure the ground area and confirm the marquee dimensions.
- b) Fix the Base Plate of the Marquee after assembling the complete frame.
- c) For safety reasons it is recommended that four persons setup any Marquee. Read the instruction manual carefully and check all parts before construction.
- d) Check the wind and weather conditions before commencing construction.
- e) Ensure the area is free from any sharp objects and overhead objects.
- f) Ensure you have the correct ground fixings for your application.
 - 1. Grass: Steel Stakes
Fix each Base Plate with Steel Stakes. Ensure stakes are appropriately secured into the soft surface (Grass/Dirt).
 - 2. Concrete: Dynabolt
Fix each Base Plate with Dynabolts.
 - 3. Weight Plate: Ground Mounting (suitable for any surface)
- g) Once constructed a safety inspection should be conducted on a regular basis.

3.1 Dismantle Cautions

- h) Mark and pack all components in appropriate product covers.
- i) Ensure Roof and Walls Fabrics are completely dry before packing down and fitting the protective covers. Do not put heavy items on top of the Marquee fabric during transport.

3.2 Maintenance

- j) The PVC should be cleaned with mild detergent, do not use any acidic or alcohol solutions. Only pack the PVC when it is dried thoroughly, to prevent mold or stains.
- k) Do not clean the steel parts by acid or high concentrated cleanser.
- l) Store in a cool, dry and clean environment and check the goods regularly.

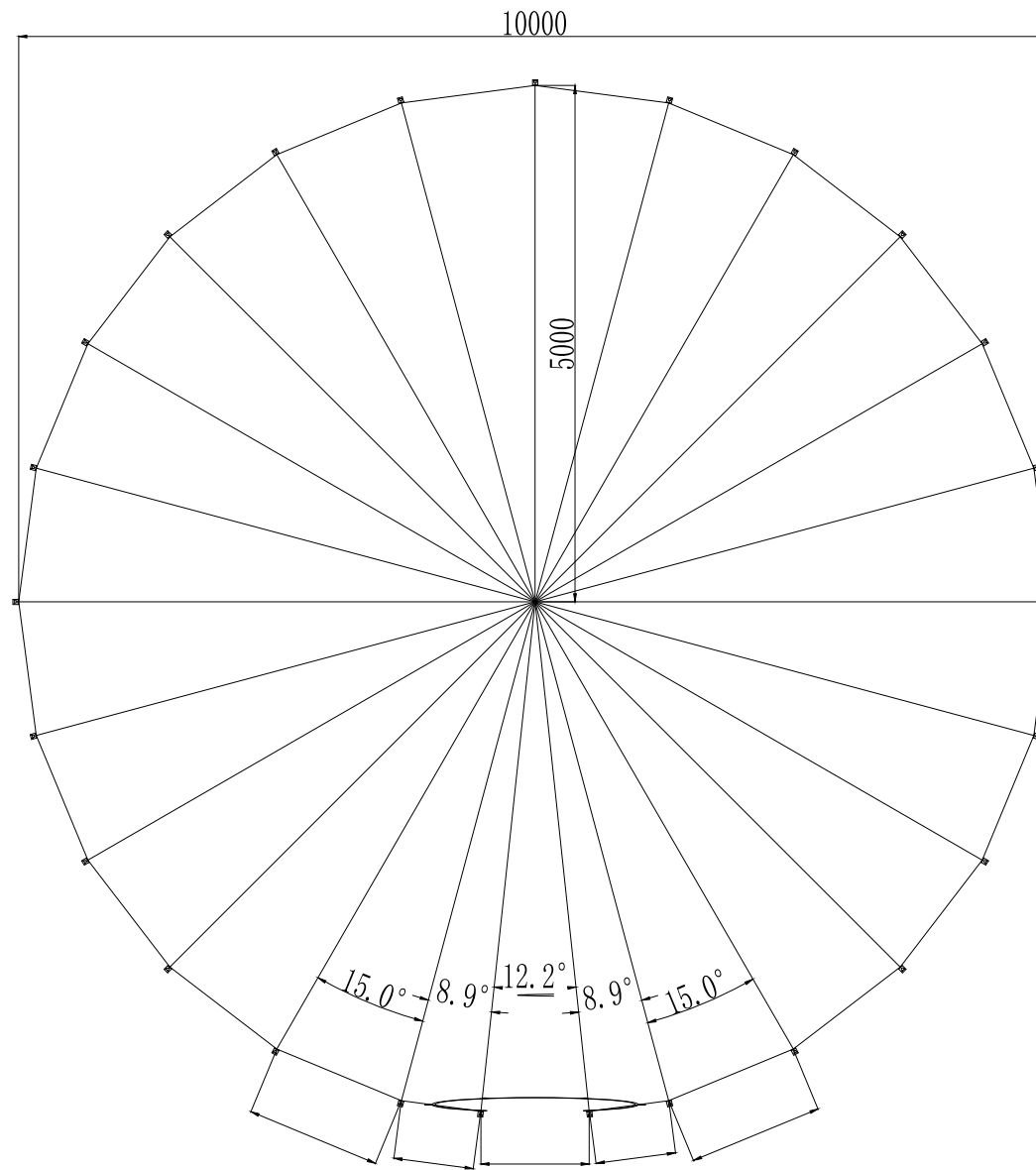
3.3 Product Cautions and Safety

- m) When the marquee is in use, do not leave your marquee unattended.
- n) Wind rating as per engineering certificate, review weather conditions.
- o) When the Marquee is in use and if part of the structure looks damaged or not fit for purpose the marquee should be dismantled at once for safety reasons.

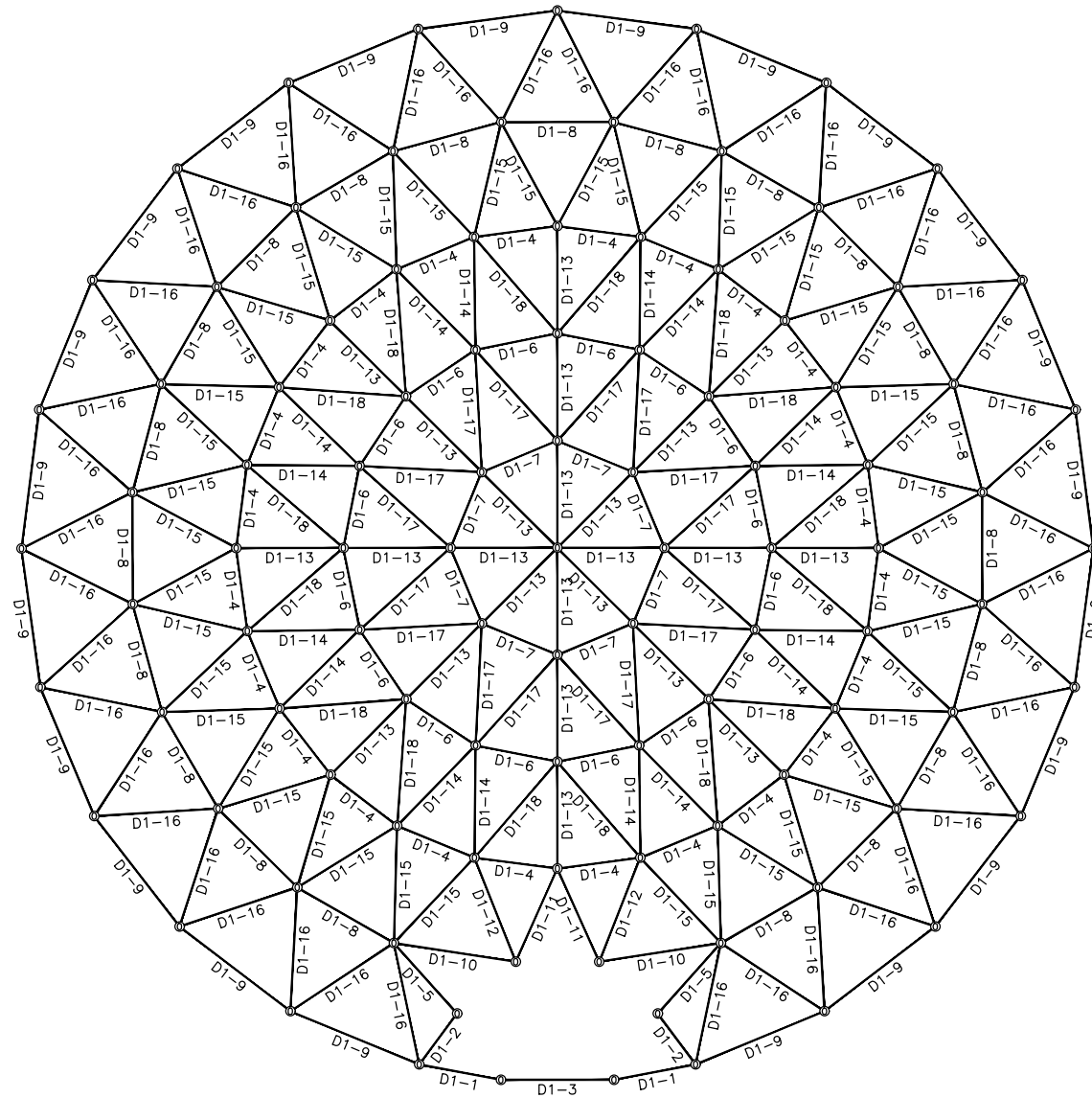
DO160650 - Newcastle Show PACKING LIST

Tube NO.	Specification	Size	Unit	Qty
D-1	Φ32*1.5	836	pc	2
D-2	Φ32*1.5	1000	pc	3
D-3	Φ32*1.5	1110	pc	1
D-4	Φ32*1.5	1163	pc	25
D-5	Φ32*1.5	1229	pc	2
D-6	Φ32*1.5	1271	pc	17
D-7	Φ32*1.5	1317	pc	8
D-8	Φ32*1.5	1334	pc	22
D-9	Φ32*1.5	1365	pc	22
D-10	Φ32*1.5	1485	pc	3
D-11	Φ32*1.5	1613	pc	2
D-12	Φ32*1.5	1714	pc	2
D-13	Φ32*1.5	1726	pc	25
D-14	Φ32*1.5	1792	pc	16
D-15	Φ32*1.5	1829	pc	44
D-16	Φ32*1.5	1847	pc	45
D-17	Φ32*1.5	1945	pc	16
D-18	Φ32*1.5	1975	pc	17
	Door frame	2M	set	1
	base plate	white	pc	25
	bolts and nuts	m12*60	set	106
	bolts and nuts	m10*50	set	5
	washer	Φ13*30	pc	222
	installaton drawing		pc	2
	roof cover	30% clear + 70% white	pc	1
	door cover	clear	pc	1
	ropes for tension roof		m	80
	glue		pc	1
	extra clear pvc for repairing in future		pc	1
	extra white pvc for repairing in future		pc	1

DO160650 - Newcastle Show **SETOUT PLAN**



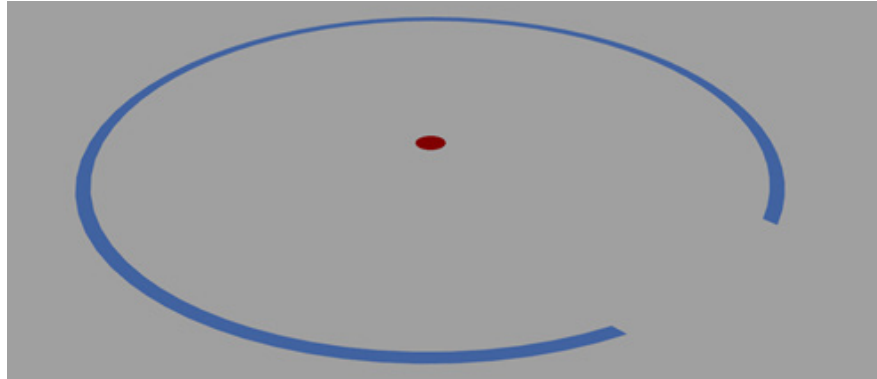
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4. Mark Frame Center Point and Circumference

Mark the center point of Dome, keep in mind if your Dome has a 14m diameter you will need 7m in each direction of the center point.

Draw a radius circle from the center point using a string line or tape measure. Mark the outline on the ground with chalk.



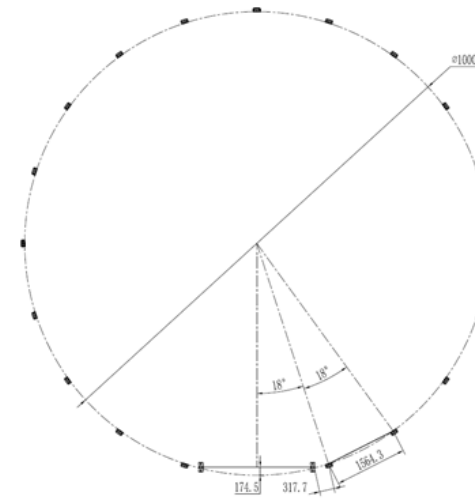
REFER TO YOUR SET-OUT PLAN FOR MORE INFORMATION.

5. Fix Base Plate

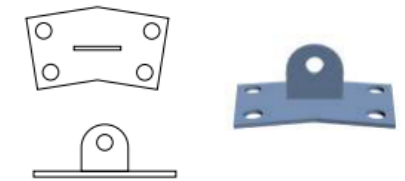
Layout the base plate of your Dome structure, refer to set-out plan.

Ensure you have the correct ground fixings for your application.

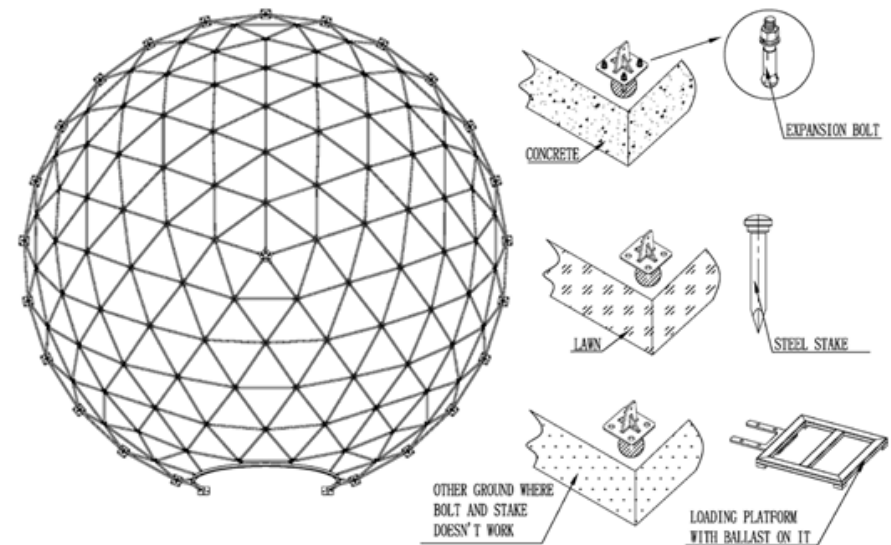
1. Grass: Steel Stakes
Fix each Base Plate with Steel Stakes. Ensure stakes are appropriately secured into the soft surface (Grass/Dirt).
2. Concrete: DynaBolt
Fix each Base Plate with DynaBolts.
3. Weight Plate: Ground Mounting (suitable for any surface)
Confirm required weight as to Engineer Certificate.



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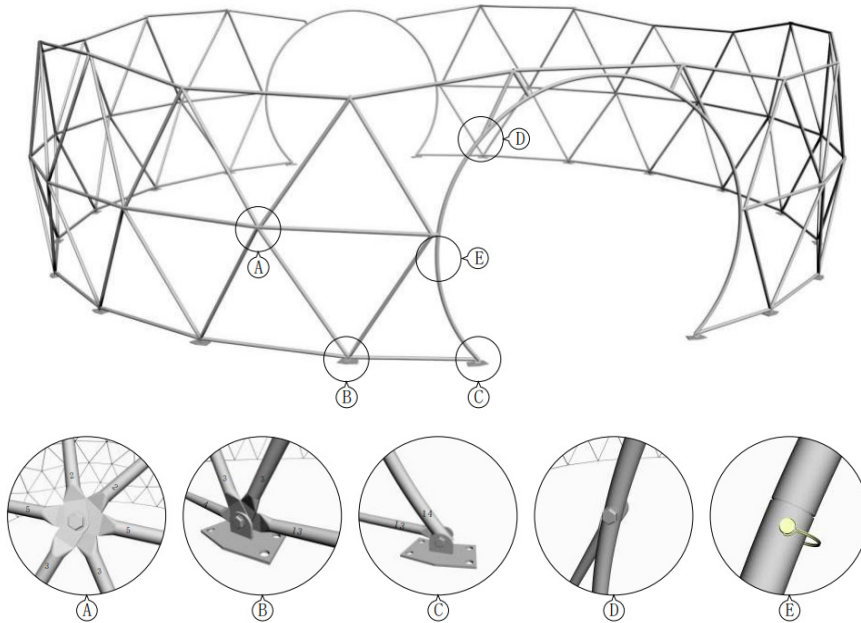


BASE PLATES



6. Assemble the Frame

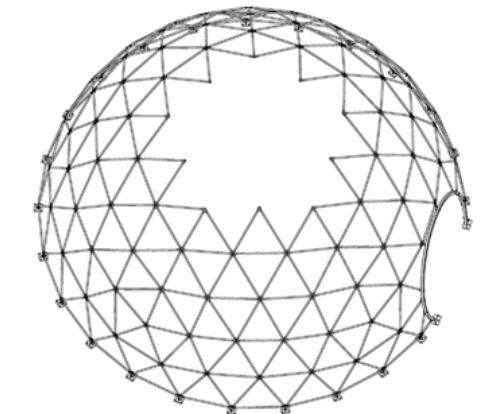
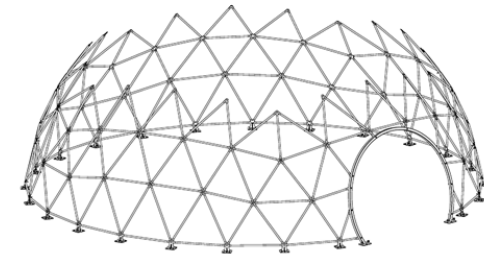
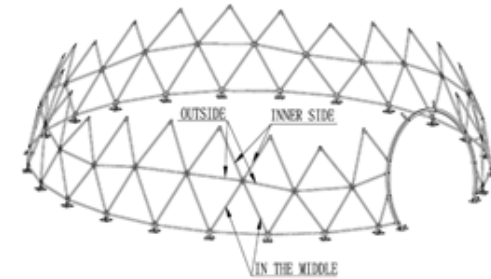
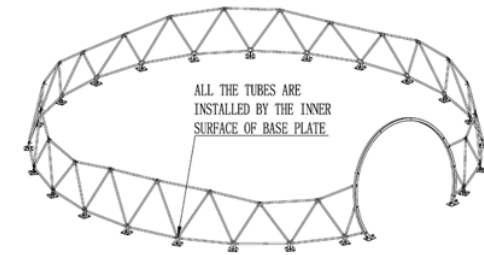
Install the bottom layer tubes according to the frame drawing. Then install the first and then second layers. After the second layer is complete install the arched door tube as per the drawing if required. Continue adding the additional layers until dome is completed. Further information on follow page for installing top layer if Dome is large.



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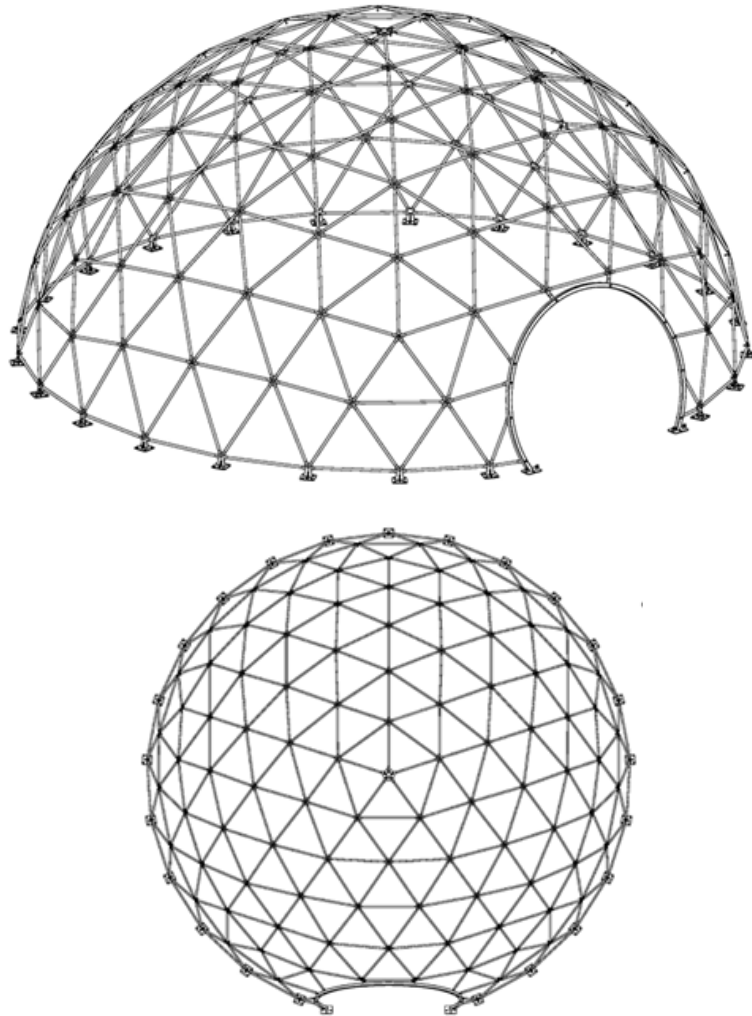
IMPORTANT

Do not fully tighten the nuts until the full frame has been completed. This will allow the frame to fit together and all connectors and tubes to form the correct shape.



7. Assemble & Install top frame

Assemble the roof frame on the ground. Depending on frame size use a ladder, crane or scaffolding connect the tubes of top frame to the assembled base frame.



IMPORTANT

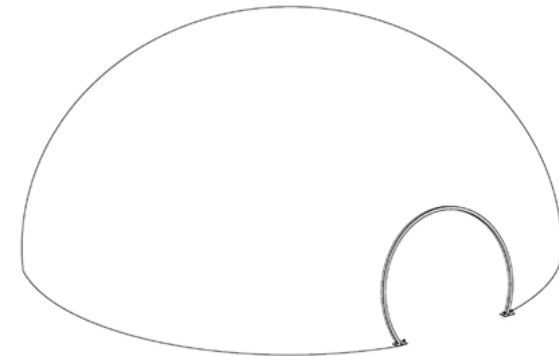
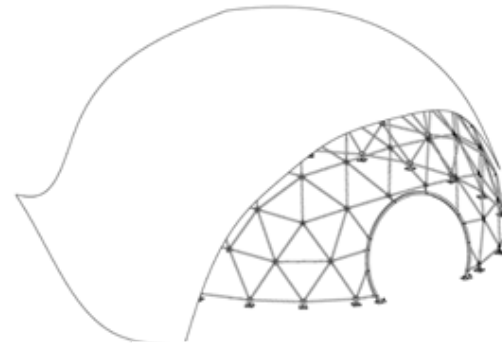
Ensure all the connectors and nuts have been tightened correctly.

8. Install Roof Cover

Once the dome frame has been assembled and frame nuts have been tightened the roof cover can be installed.

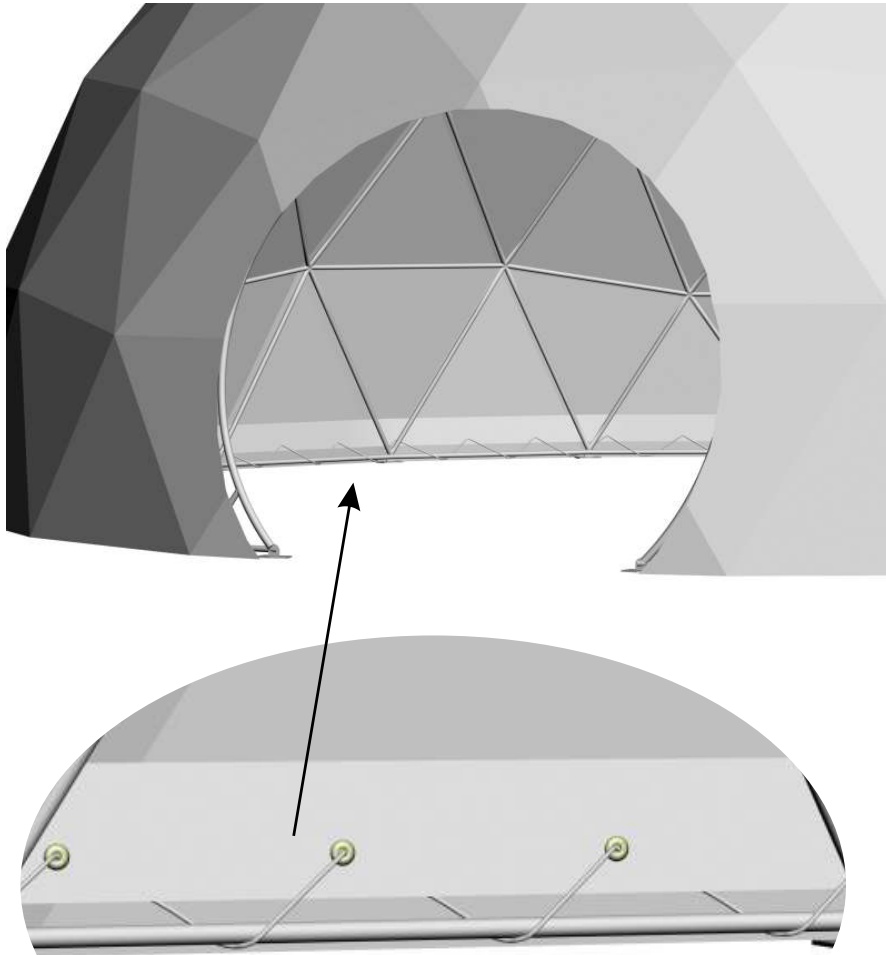
If the dome frame size is less than 12m, pull the roof over the dome to cover. Adjust the cover to sit evenly on the frame with door opening in correct position.

If the dome frame size is over than 12m, use a crane to lift up the roof cover over the frame. Whilst cover is being lifted by the crane, people on the ground should be maneuvering the cover to the correct position. Adjust the cover to sit evenly on the frame with the door opening in the correct position.



9. Connecting Roof Cover

Once the cover has been placed onto the correct position on the frame it must now be attached to the bottom of the frame. Using rope thread through bottom eyelet holes on cover and loop under the bottom pole of frame. Continue along the bottom until all eyelets have been attached.



10. Tension the Roof Cover

Once the cover has been attached onto the correct position on the frame insert the tension bar into the bottom sleeve of the roof cover. Now fix the J shape hook. This is to tension the roof with base plate.



10. Install the Door Cover

The roof cover has ropes attached to the door cut out. Use these ropes to thread through corresponding eyelet hole on door cover. When attaching ensure rope ties around door frame tubing for stability.

