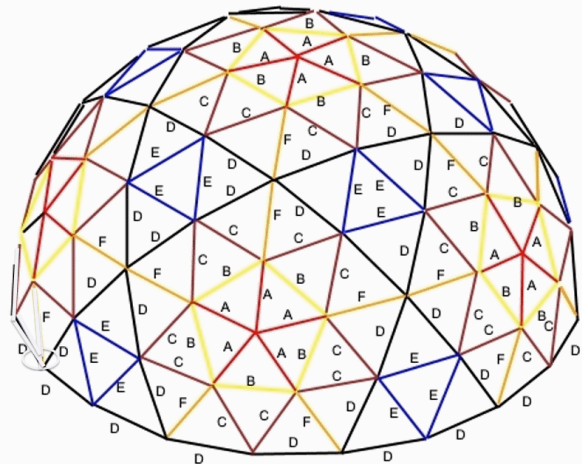
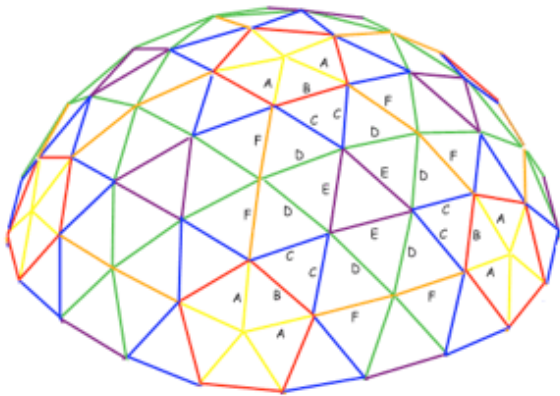




**SouthwestDomes**

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## SouthWest Domes Method statement



18 meter 4v Dome

## **METHOD STATEMENT – 18 meter 4v Dome.**

### **1.Site Conditions/Foundations/Service**

Southwest Domes are able to overcome most problems relating to site conditions.

We have a thorough system for identifying possible hazards and introducing controls to reduce the risk of injury. The structures we are erecting at the site are of the mixed structure type up to 20 meters and manual handling is essential on all structures.

Should the need arise, due to working in the close proximity of other contractors, precautions have been allowed for. Areas of Public Access will generate a certain public interest, but during the build and dismantle period, in the marquee/ Geo Dome site area, there should be no access for the general public and usual site rules will apply. Adequate security must be maintained

by the client, to prevent theft, abuse or damage to the marquee/ Geo Dome and ancillary equipment. The presence of underground services is deemed to have been identified

by the client, and any that may be at risk to have been marked accordingly. All

marquee/ Geo dome dimensions are measured From the center of the Structure and a further 3000mm needs to be provided for the base plates, wall and anchors as is normal practice.

Adjacent structures can do some degree overlap, provided adequate ground

anchors can be secured, and the eaves of the Geo dome are not obstructed. The Geo dome is to be staked using iron anchors 800mm long, M16 hammer in anchors for anything up to the 20m structures.

If the Geo dome is to be erected within an existing structure then sufficient anchor points need to be available for the purpose of tying down.

When weighting, the friction between the foot and the ground is to be considered and appropriate action taken to minimize slippage.

All our employees are made fully aware of our customers Contractor Requirement documents if applicable.

### **2. Loading/Unloading of Material/Trucks**

The use of manual labour is required for such tasks as the loading and unloading of materials, this will give rise to certain obvious hazards: load shift/load collapse/falling objects etc. All persons working on behalf of Southwest Domes are qualified and appointed to do so.

Load in and outs must be cross referenced with the load itinerary list for the domes being put out on hire to make sure every thing is present to complete the build.

### **3. Machinery**

The use of site machinery is only undertaking by qualified employees. The operator must have a competent plant operator's certificate, issued by an approved body. Only experienced and competent personnel are permitted to use machinery. A person is deemed to be competent on the successful completion or relevant training in combination with their on-site performance.

### **4. Weather**

The foreman /tent master should make sure that the weather conditions are appropriate for the erection of

weather conditions are going to occur make sure fellow team mates are made aware to be prepared. In the case of high winds work should not be undertaken unless a separate risk assessment and method statement has been drawn up.

## **5. Building the Structures**

**A)**- Make sure all poles and fixings are on site. The build will have 1 team of 3 people with one person putting the frame together , one person layout / supplying poles and hubs , one person supervising the build on the first phase (frame install ). One the second phase ( cover install) 2 people laying out the covers and one person lacing / rigging. Each build team should build to the diagram. correct ppe must be worn at all times and site made safe from public intrusion.

**B)**- Mark out where the exits will be on the dome and make sure there is space to complete the build. Start frame accordingly so doors would end up where needed.

**C)**- Lay the ground ring out according to the build diagram, put this together making sure the locking pins go in from the back of the hubs, After this work your way up from the ground completing one ring (lift) at a time, this should be done with a team of 3 people, one building the frame work, one layout and or providing poles and hub, one supervising the build and site area.

**D)**- once the frame has been completed then make sure ibc tanks or pins are in before removing poles for the doors (see build diagram) .

**E)**- Once the frame is completed pull the ground ring out to make sure it's sitting as it should.

**F)**- Coverings, Fist start with pulling up the walls , using ropes to the 3<sup>th</sup> ring from the ground and then Dutch laced together from inside the dome . Lace the tops to the ring on the frame. Repeat this when putting on all 5 walls Dutch lacing together as they go up. When finished lace in the bottom of the walls to the frame.

**G)**- Cap. Make sure all 5 anchor points are put it with ratchet guns attached to them. Attach 2 legs of the cap to the anchor points and the other 3 to ropes over the top of the dome. Pull cap up and over with the ropes and then attach to the ratchet straps.

## **6. Striking the Structures**

**A)**- Make sure there is a clean surface to drop the covers on to then unlace the bottoms of the walls.

**B)**- Let of f the straps hold the cap on that is sheltered from the wind. Pull the cap to the ground and fold away then place in the correct bag ready for transport. Drop walls and fold away using the correct bags to be transported.

**C)**-Disassemble the frame starting from the top always with the correct ppe . Passing the poles down to fellow employees that will stack them in the correct piles.

**D)**- Finish off by removing all stakes / ibc tanks and loading into the transport using the load sheet as reference