



PHOENIX DOMES

13' / 4m 2V Patio Dome  
Setup Instructions



## Know the Dome Materials and How to Read the Dome Map

There are several dome packages:

The Cover (Big heavy bag)

Hardware package (small bag)

Door Frames (curved tubing)

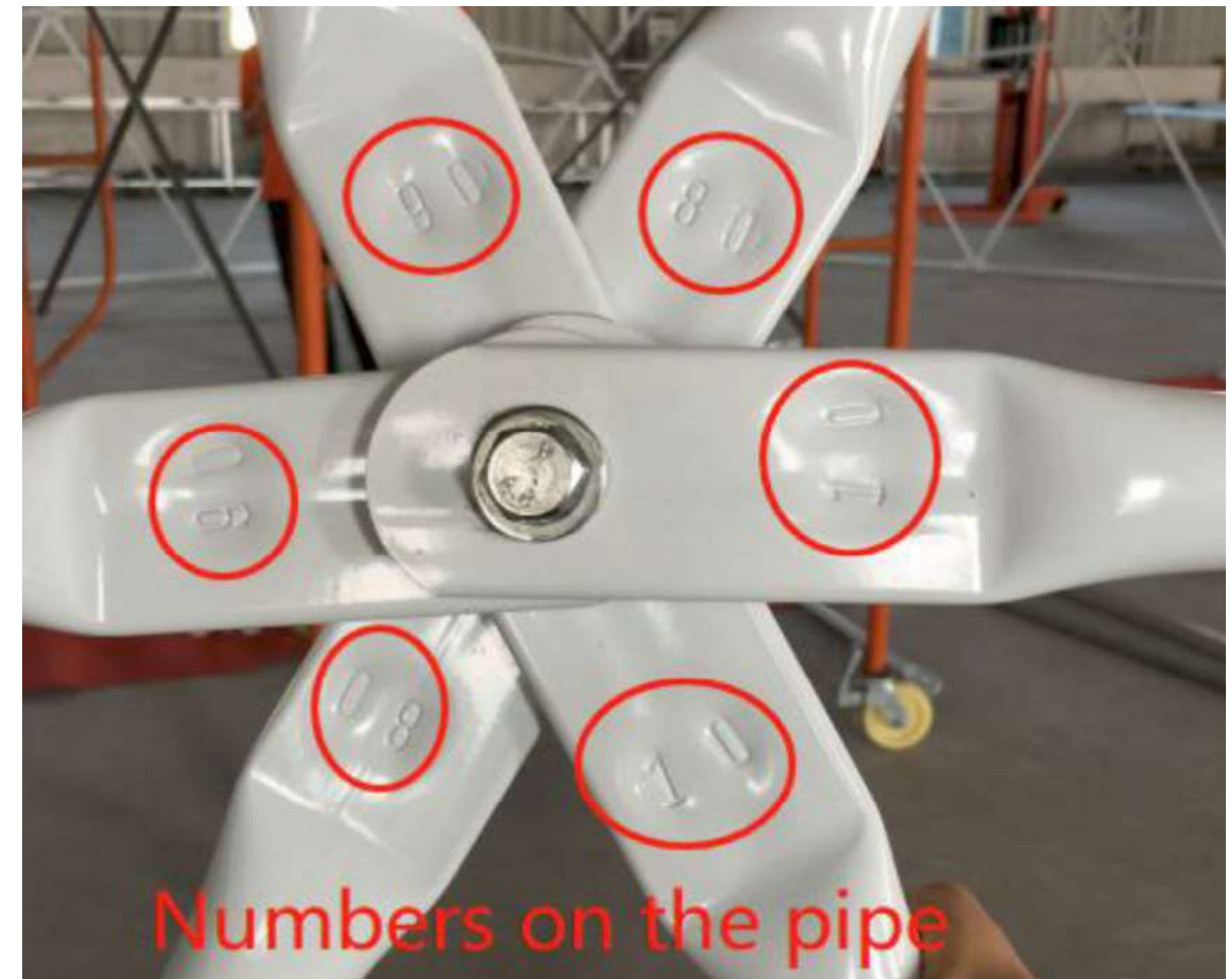
Frame tubing – struts # 6 to form 5-pointed stars

Frame Tubing – struts #7 for the first layer zig-zag

Frame Tubing – Struts #8 to form the perimeters of all 5-pointed stars and the base

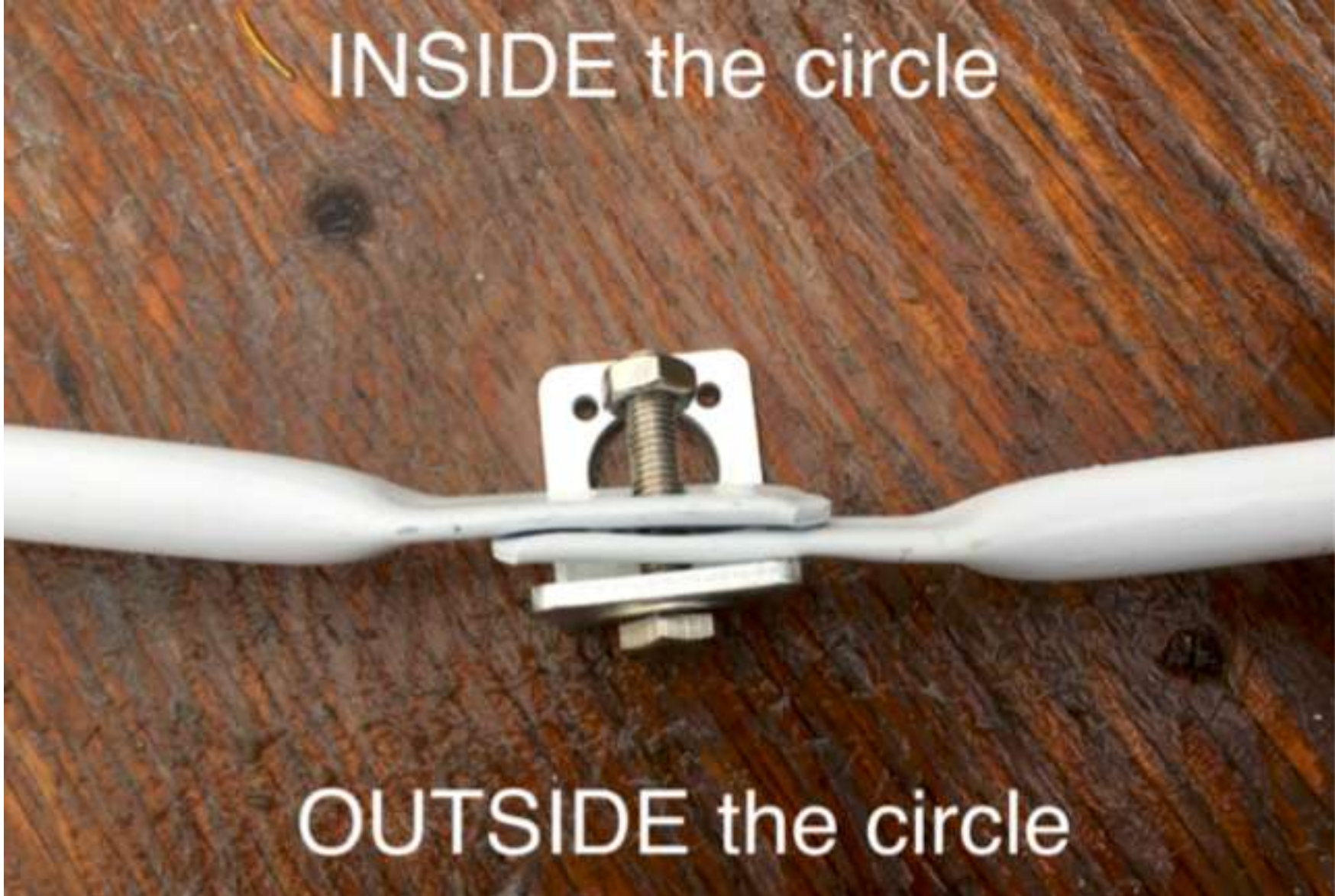
Frame tubing – Struts # 1, 2, 3, 4,5, 9, 10 to attach the door frame

- The “Strut #” corresponds to the various numbers labelled on the Dome Map Installation Diagram (see highlighted numbers on the map below)...Reference the full scale Dome Map Installation Diagram on the last page of this manual during dome set-up.
- Note: double check the strut number on the physical pipe before you begin to attach the pipes. This is especially important for the package which contains several strut numbers.





# Attach the feet and the first layer





Lay out the perimeter of the dome.  
Then lay out the first zig-zag layer on  
the ground.



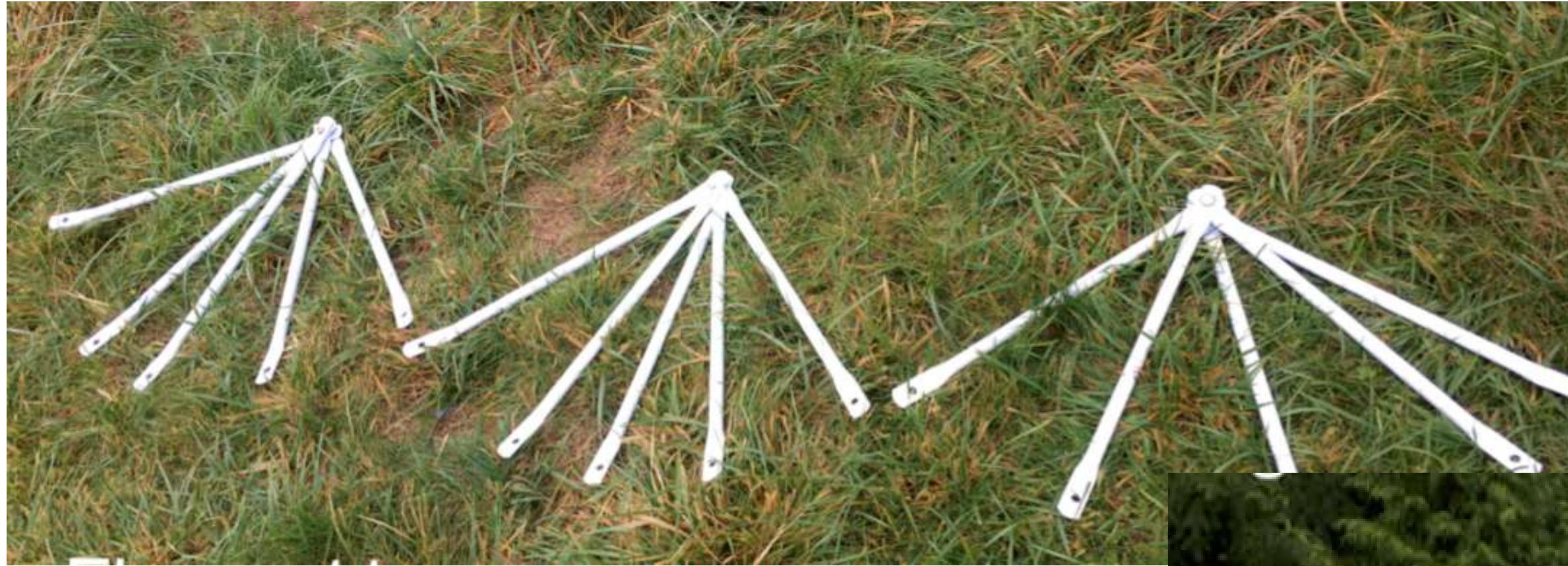




Fasten the first layer together- it is good to have 3 people to help hold the struts. Leave the nuts loose for now, as you will need to attach more struts still.







you can pre-assemble the 5-pointed stars on the ground loosely with a bolt to make it easier. Then attach them to the frame, letting the extra struts hang for now.



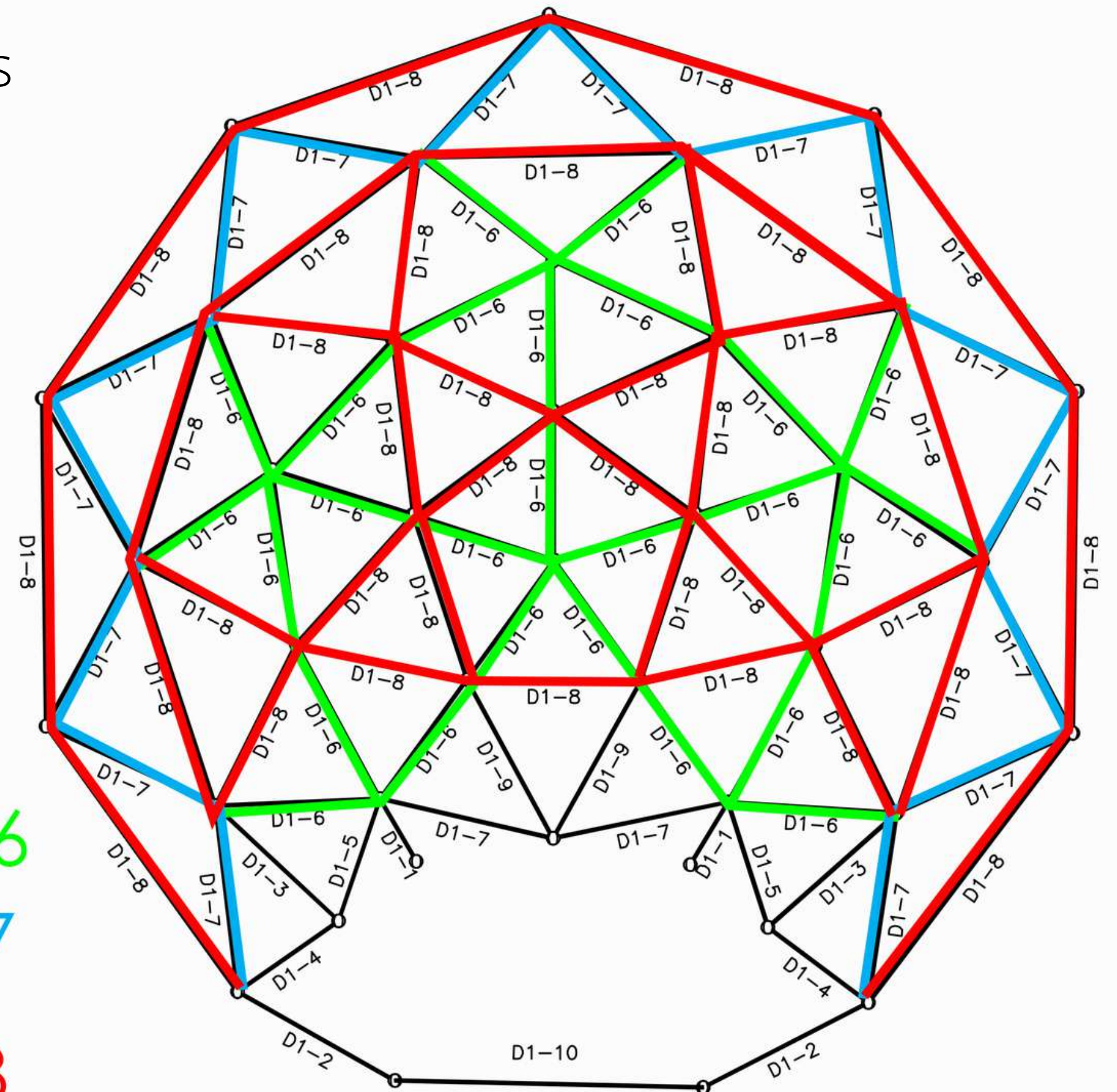


# 4m/ 13' 2V Patio Dome Setup Diagram

Keep following the diagram until the frame is done.

attach the door hoop to the tabs.

Only then tighten all the nuts with an impact driver.



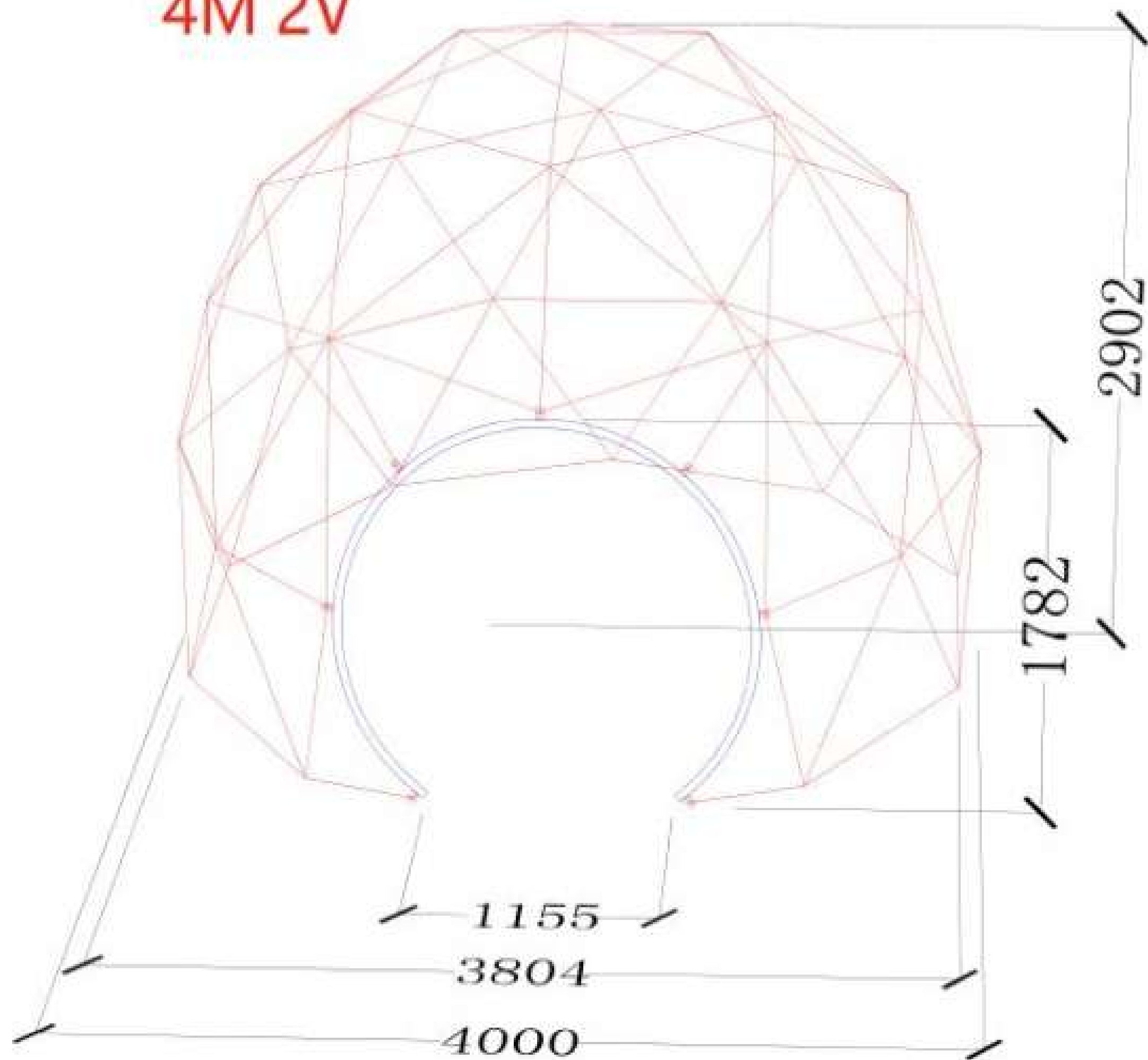
Green = #6

Blue = #7

Red = #8

4M 2V

3D view with door hoop





Pull the cover over with the help of a rope and a few people and center it on the dome.

## **Cover tensioning system**

Slide the tensioning tubes through the sleeves and attach them to the bottom frame struts with the J-hooks.

you may need to cut the sleeves in the places where the holes are to insert the tubes and have the ends with the holes sticking out.

You may need to use ratchet straps to get the cover tight enough.

Once all J-hooks are attached loosely, you can tighten the nuts with an impact driver to tension the cover.

If it is very cold, the cover will be stiff and a heater may help it settle.

Please note that the wrinkles will take time and heat to smooth out, usually over the summer.





Lace the cover around the door hoop with the cord.

Separately lace the magnetic door to the door hoop in such a way that the magnet can close easily. You may want to pull the top of the pieces towards each other with the lacing or a zip tie, so that the magnet can close by itself. If you have excess material of the door dragging on the ground and inhibiting the magnet from closing, you can trim it.



# Enjoy!

## Tips:

- Infrared heaters are ideal for heating patio domes, as they will heat the guests even if the air is cold.
- Decorate your dome with LED string lights, hanging chandeliers, flower pots...add cozy cushions, blankets and faux fur - be creative!