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Dodecahedron Installation

Dimensions: 5.6 ft x 5.6 ft x 5.6 ft

Materials:

Pentagonal Faces: of translucent or opaque acrylic glass, painted with sacred geometric symbols and various specimens. Outdoor varnish.

Edges: metal angled braces, screws,

possibly: light inside to illuminate the dodecahedron like a giant lantern at night utilizing solar lights that charge during the day.

Description:

Dodecahedron is a 12 sided polyhedron with pentagonal faces. It is one of the 5 Platonic Solids. Each solid's vertices fit perfectly in a sphere and each solid represents a different element of nature. Dodecahedron represents the space or ether. I will paint celestial imagery, specimens, and geometric orbital patterns.

Images (5):

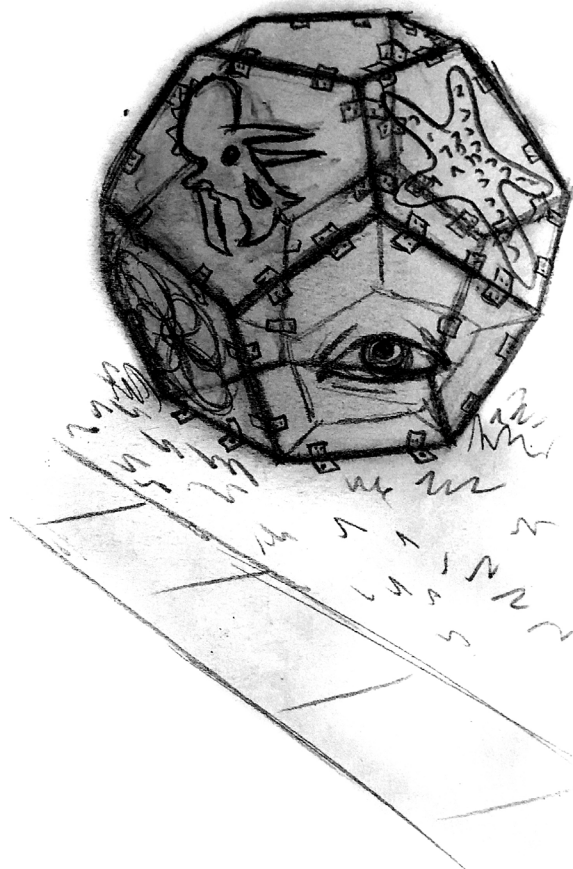


Image 1:
sketch of dodec in plexi
along the esplanade.
Bolted to ground.

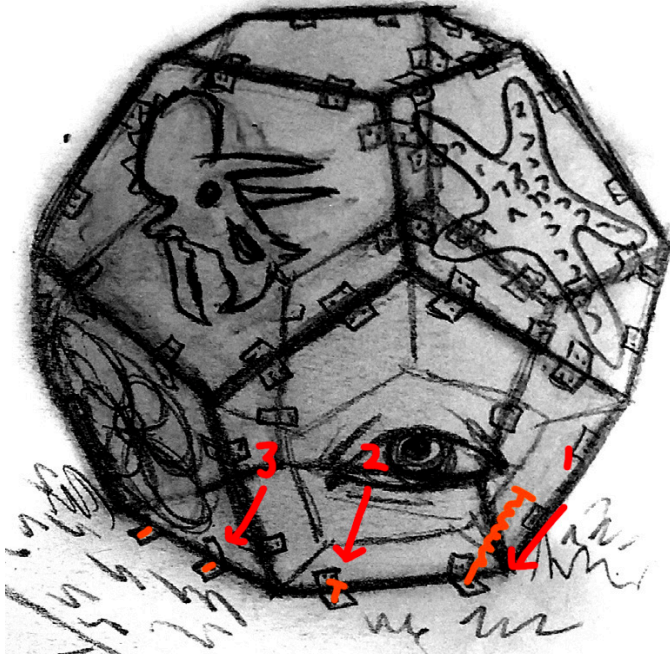


Image #2
wooden dodecahedron



Image #3
wooden dodecahedron

Image #4



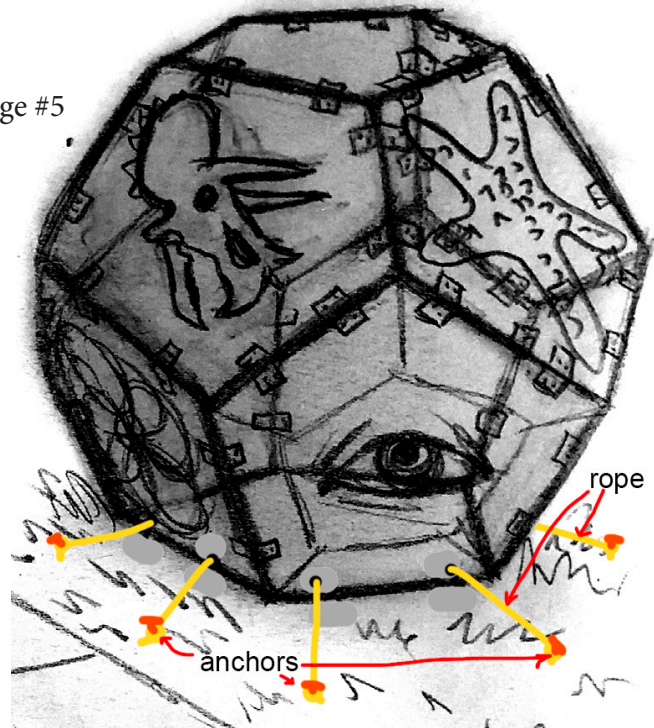
I will use orange screw Ground Anchors to secure the Dodec to the ground. It can be applied a couple ways. One is directly through the brackets facing the ground as seen in Figure 1.

1, 2, & 3 show a screw going into the ground.

The orange screws can be found [here](#).

Image #5

The other is to have holes drilled into the same area but to have rope tying it down with knots on the inside to keep the rope from slipping out. This is depicted in Figure 2.



More info about the plexi and construction:

I am looking for something like 1/2 in to 1/4 in thick plexi sheets as large as I can get them to cut down into 11 pentagons with beveled edges to create a dodecahedron. I will also need to secure each side with brackets or perhaps wedges of plastic cut to the interior angles of the joining sides. I am looking to get either translucent white, translucent black, or perhaps a variety of colors, depending on the cost of such variations.