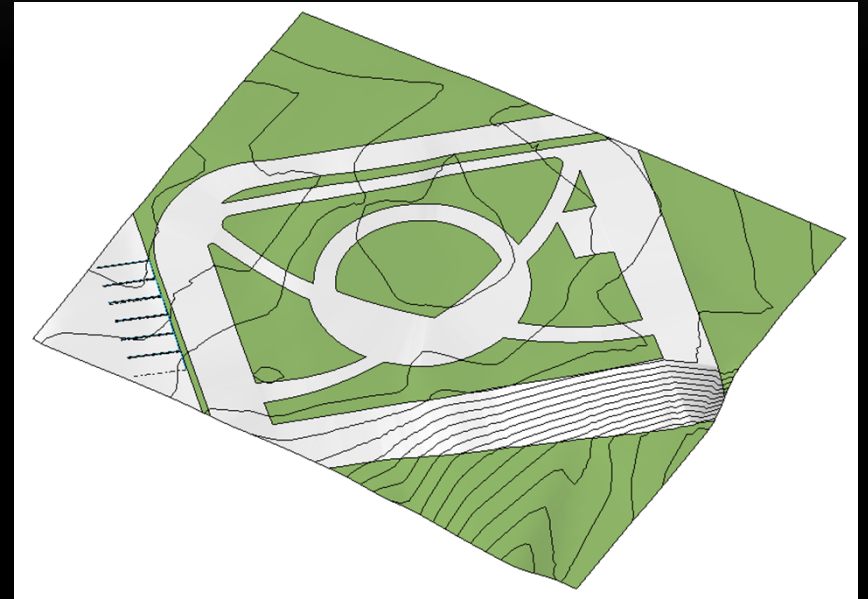


AE FOUNDRY PAVILION (V 2.0)

Chris Barlow

SITE

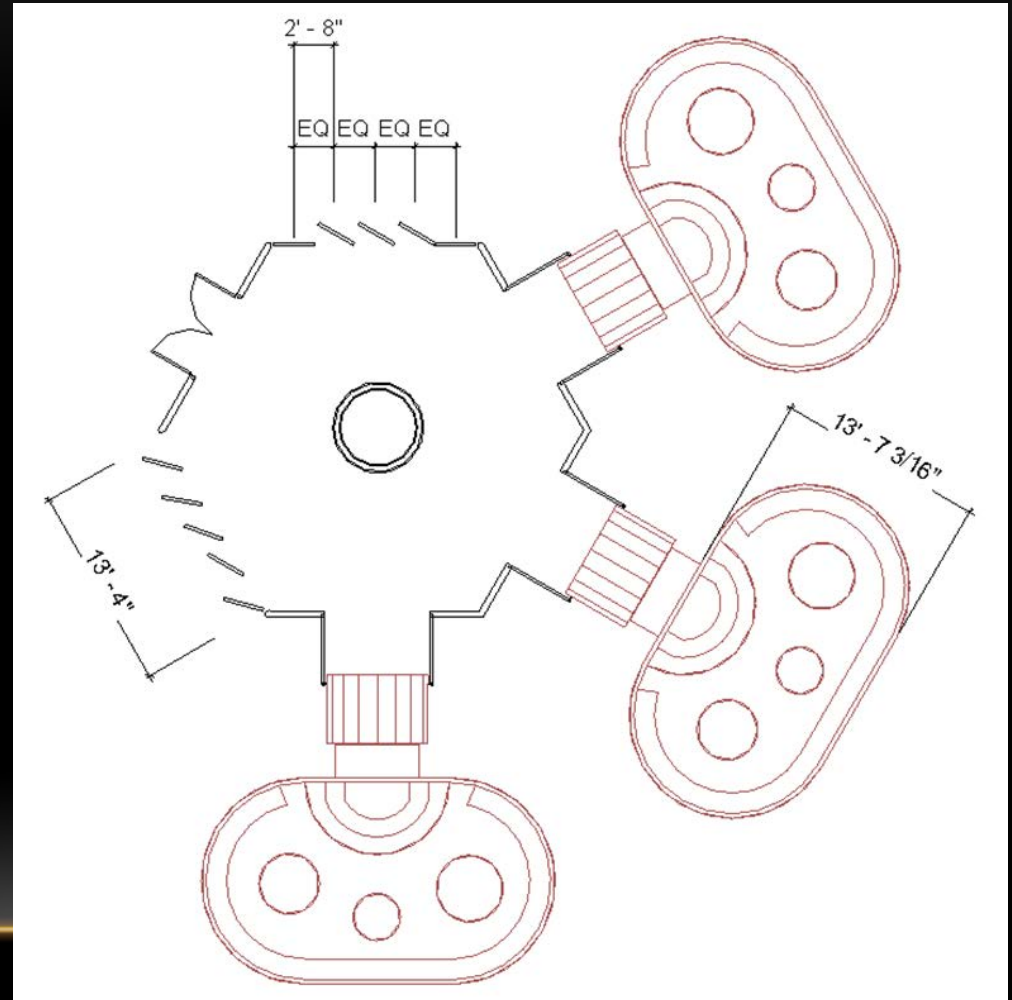
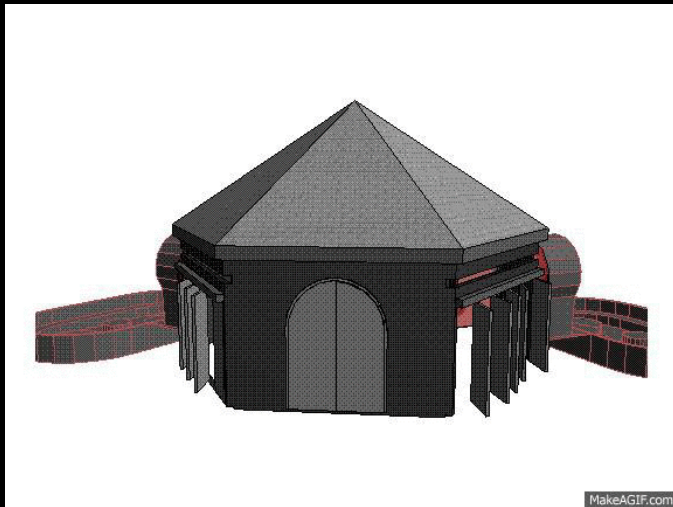
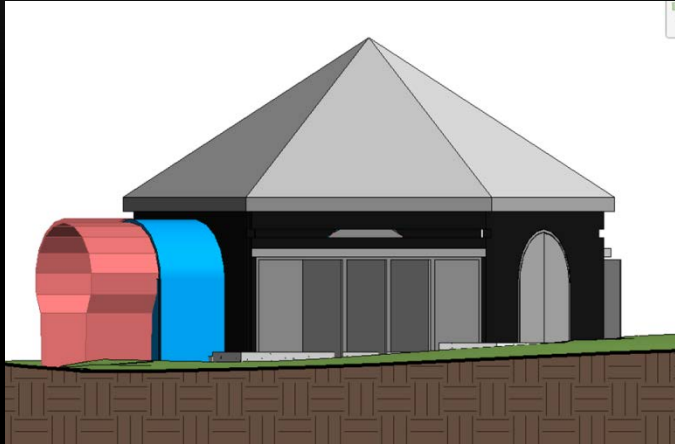


Foundry Park - State College, PA

MAIN IDEAS

- History
 - Analysis of several shapes of instruments and tools used for metalworking
 - Furnace, Crucible, Molten Metals
- Customizable
 - Include elements that an occupant could move around and customize according to their needs
- Comfort
 - Protection from wind and sun
 - Separate areas for large or small gatherings

ELEVATION, PLAN, 3D



DESIGN – SERPENTINE AND BES



Partially underground, material (cork)



Moveable panels for ventilation, shading

DESIGN - HISTORY



The Furnace

- Central structure for larger gatherings



DESIGN - HISTORY

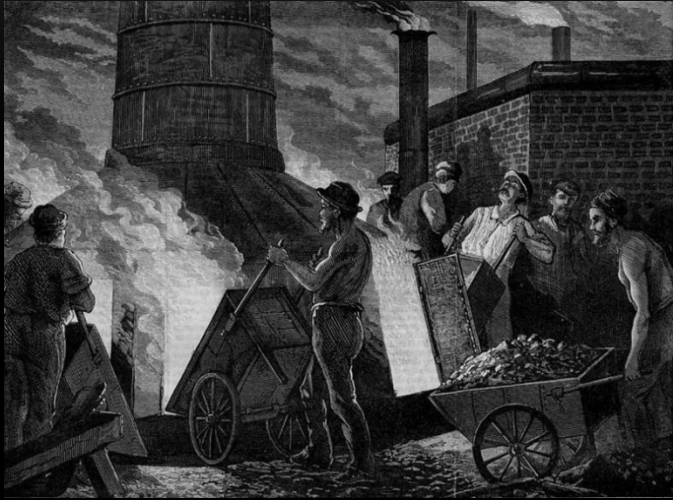


The Furnace

- Central structure for larger gatherings
- Fire



DESIGN - HISTORY



The Furnace

- Central structure for larger gatherings
- Fire
- Material – Steel, Chrome Plated



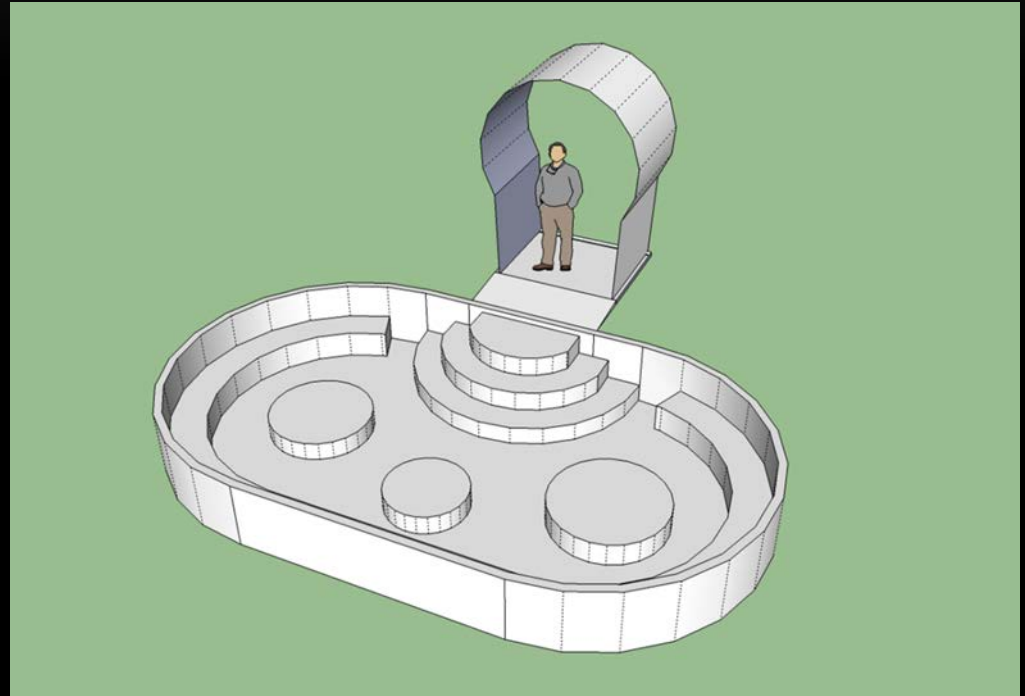
DESIGN - HISTORY



"Pods"

- Small gatherings
- Materials
 - Tinted glass (Glowing red)
 - Cork

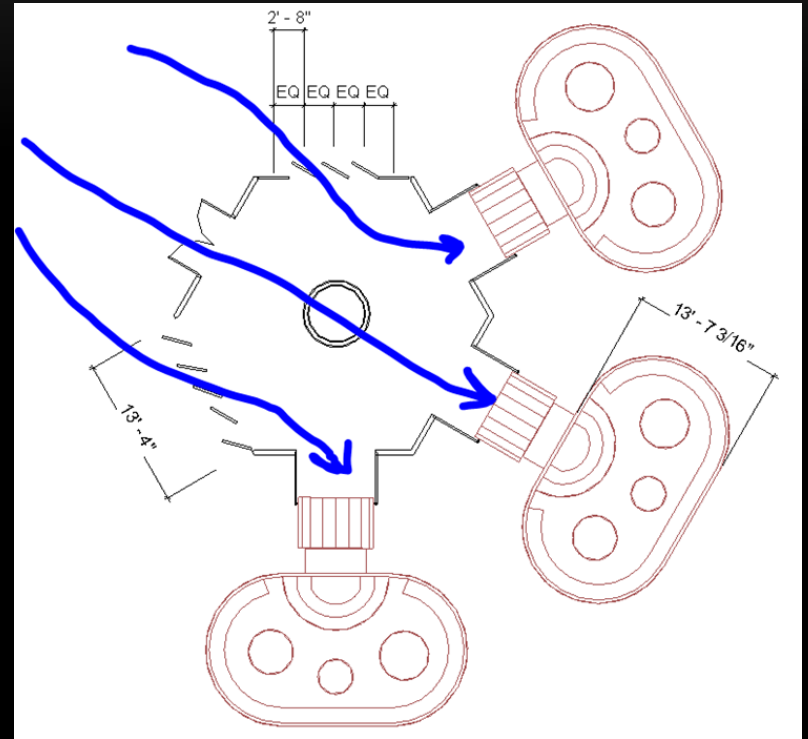
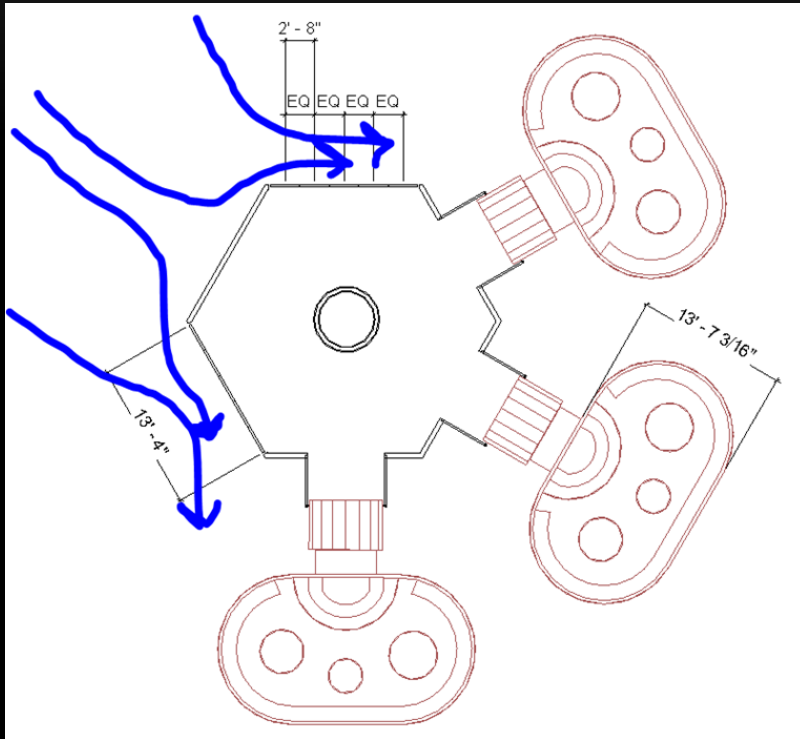
DESIGN - HISTORY



"Pods"

- Small gatherings
- Materials
 - Tinted glass (Glowing red)
 - Cork
- Shape
 - Crucible
 - Molten Metal Stairs

WIND



Winds typically flow from west to east in State College; all walls on the West side of this pavilion can either be closed off or opened up to restrict or allow air flow depending on occupants' needs.

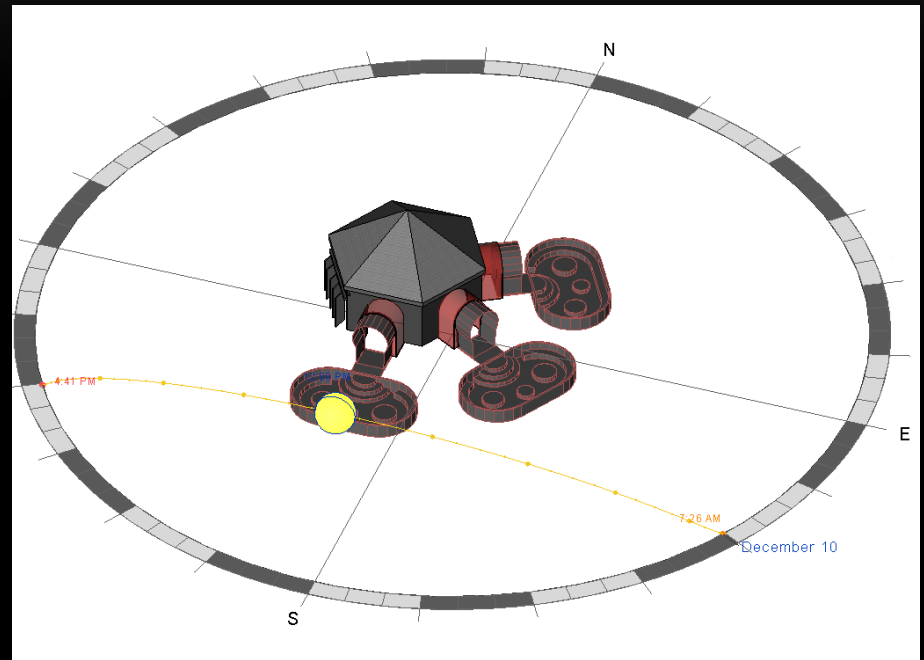
WIND



Winds typically flow from west to east in State College; all walls on the West side of this pavilion can either be closed off or opened up to restrict or allow air flow depending on occupants' needs.

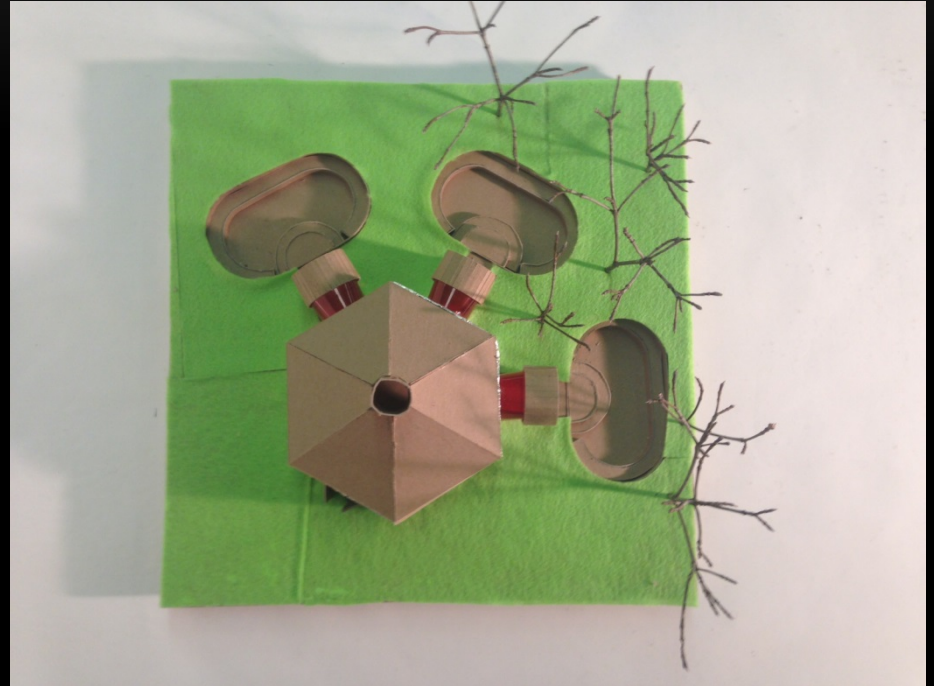
SUN - WINTER

Reflective panels can be rotated to let in sunlight according to occupants' needs.

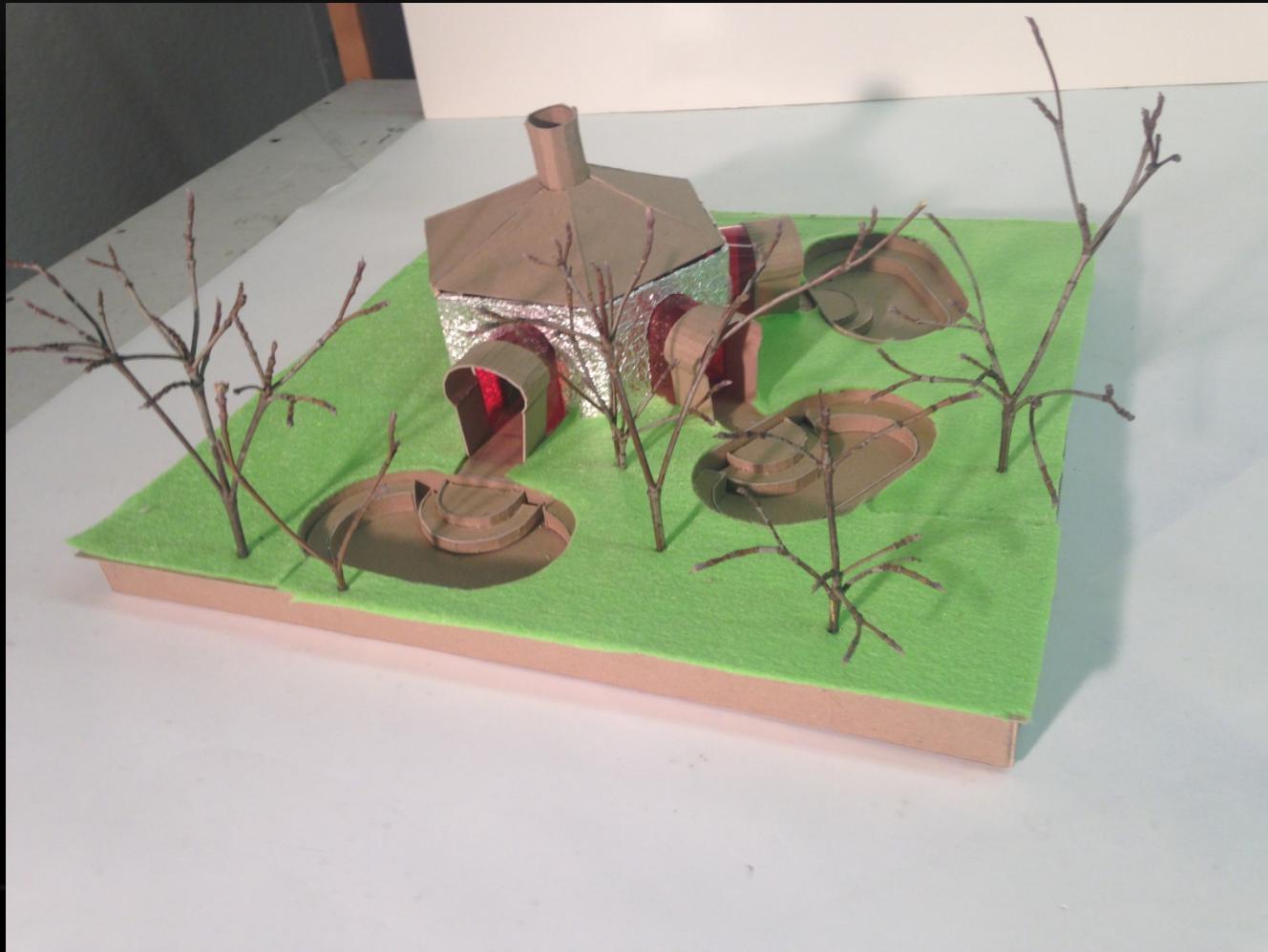


SUN - SUMMER

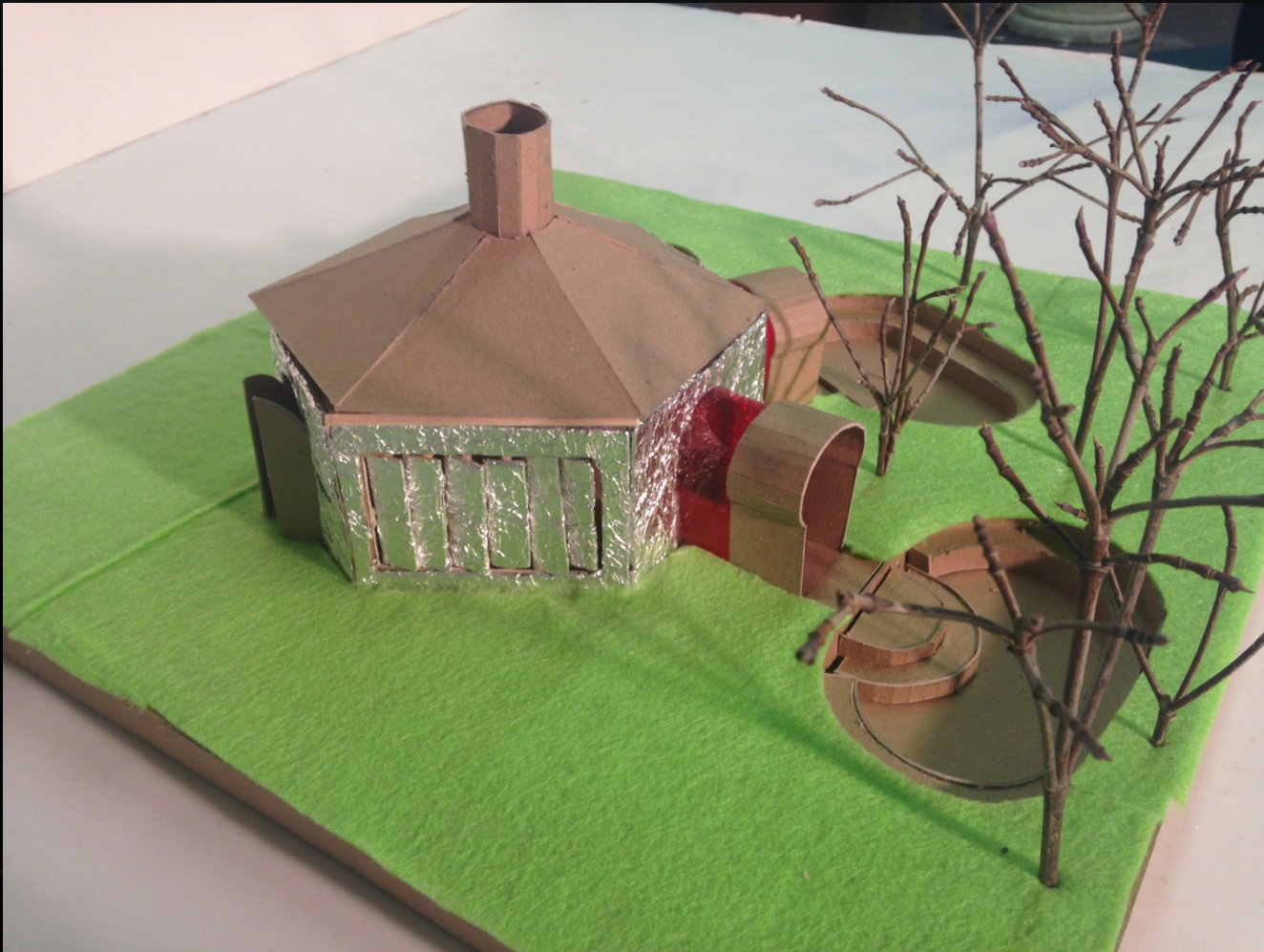
Trees located primarily on South side to provide shading



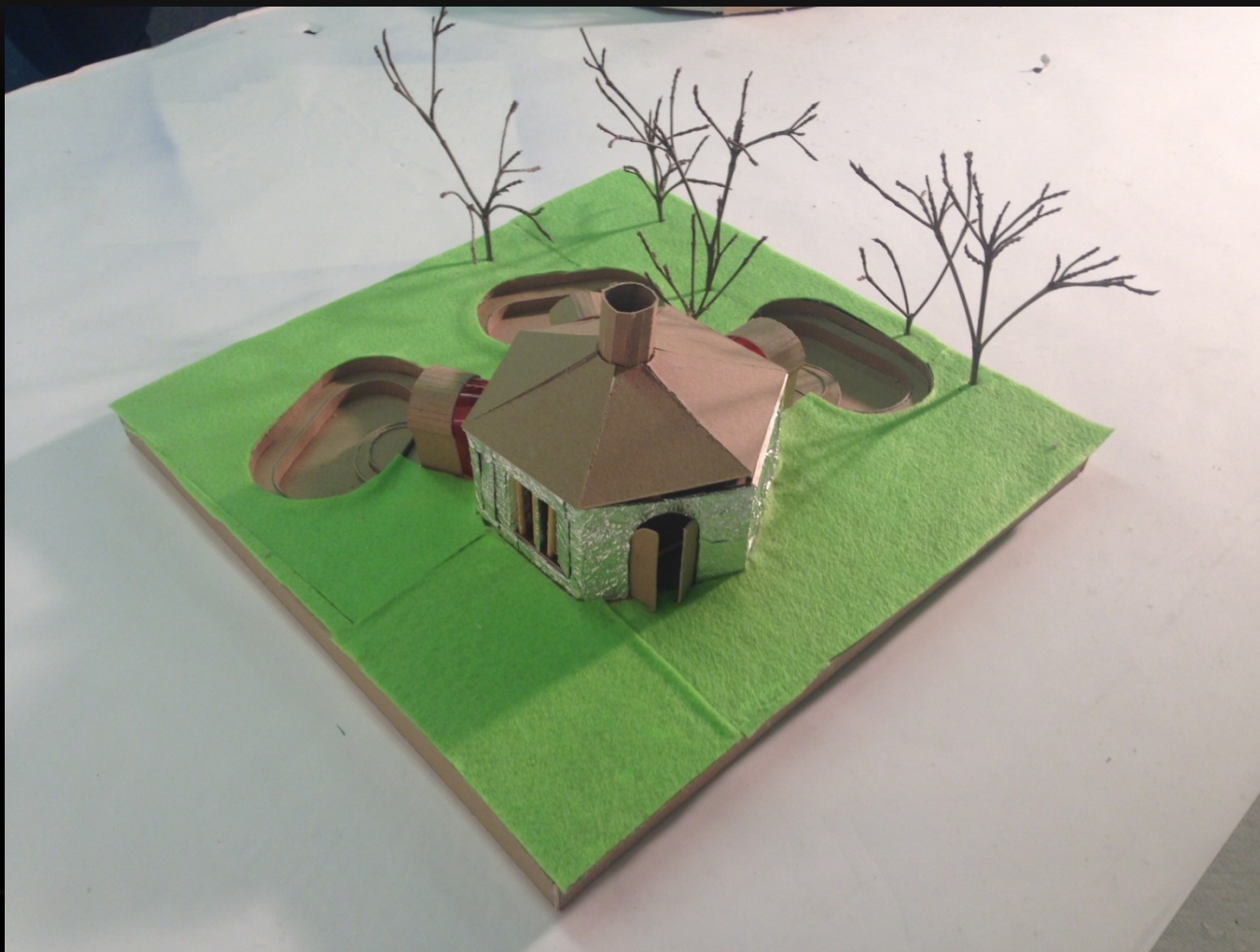
MODEL



MODEL



MODEL



MODEL



THANK YOU!



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