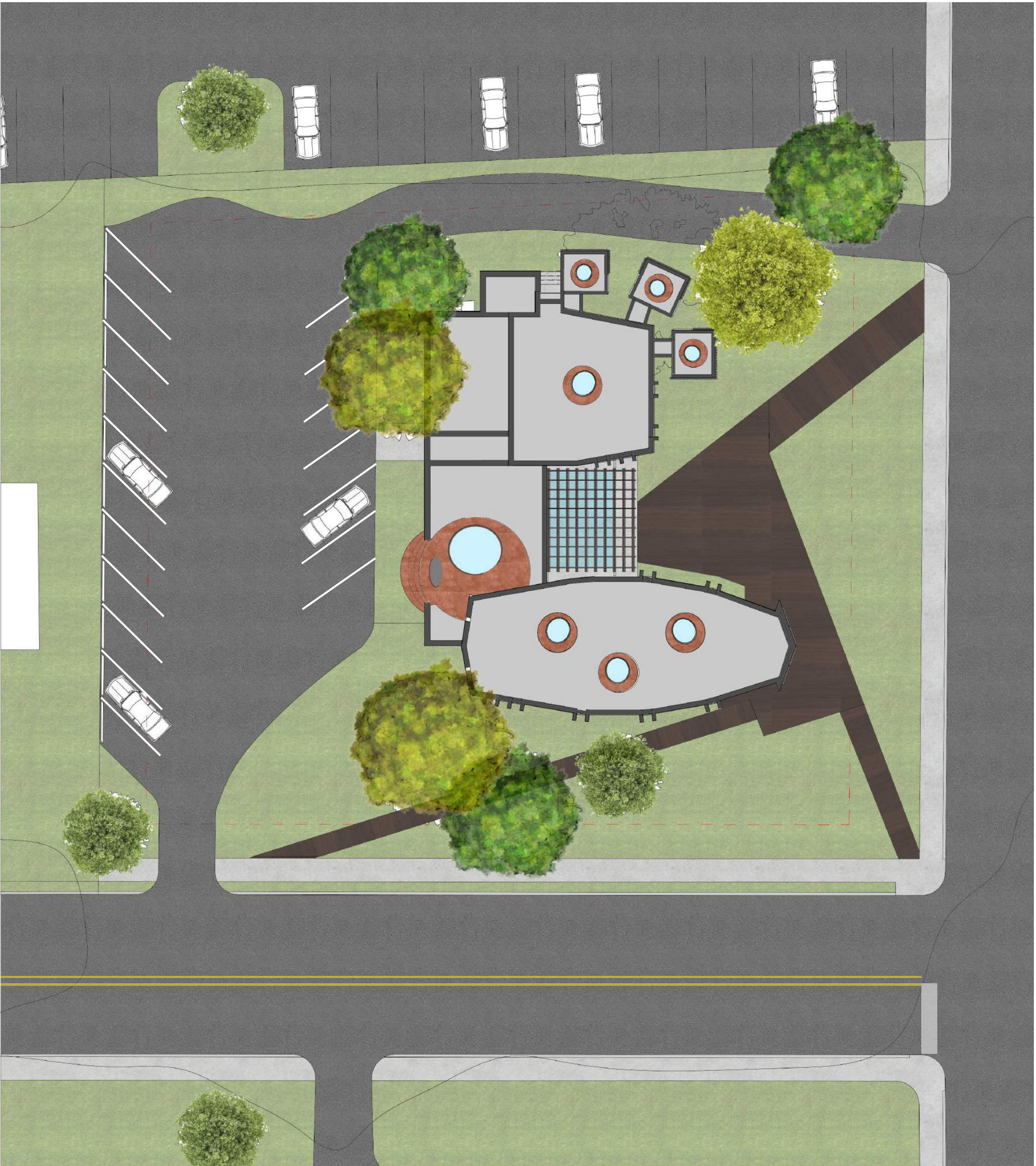


Barth House

Design Studio 4 - ARCH 3714

This project allowed us the opportunity to redesign the Barth House with the idea of community as the focal point. This redesign brings people from both the surrounding neighborhood and the University of Memphis campus together under one roof, no matter race, ethnic background, or religious belief. The ideas is to be us closer as humans. One way of showing community is a teaching kitchen lay out, bring people together to learn how to prepare meals and share cultural traditions while allowing them to cook healthy, clean food together. The next redesign was the Multifunction space that would operate as a worship space, concert hall, and also a dinning hall. Each have their own unique characteristics but all still bring people together. My main design was how to create different feeling for each setting so I Designed tables that would act as light shelves when pulled to the ceiling. These tables will have acoustic panels on the bottom so when it is at the ceiling the sound is absorbed giving the room a better acoustic quality. Then when the table is down the sound is allowed to bounce around the room more making it more lively and active. As for the common space I wanted it to give a more home like feel with the central fire place to promote students to gather around and share some of their best memories and open up to the community more. With the aesthetics of this project I choose materials that would age over time. I was influenced by the ancient chapels that still stand. They are aged and they are still here and the face that they are still here gives importance to the building and that is what I am trying to do through the aging of the Barth House.



Site Plan

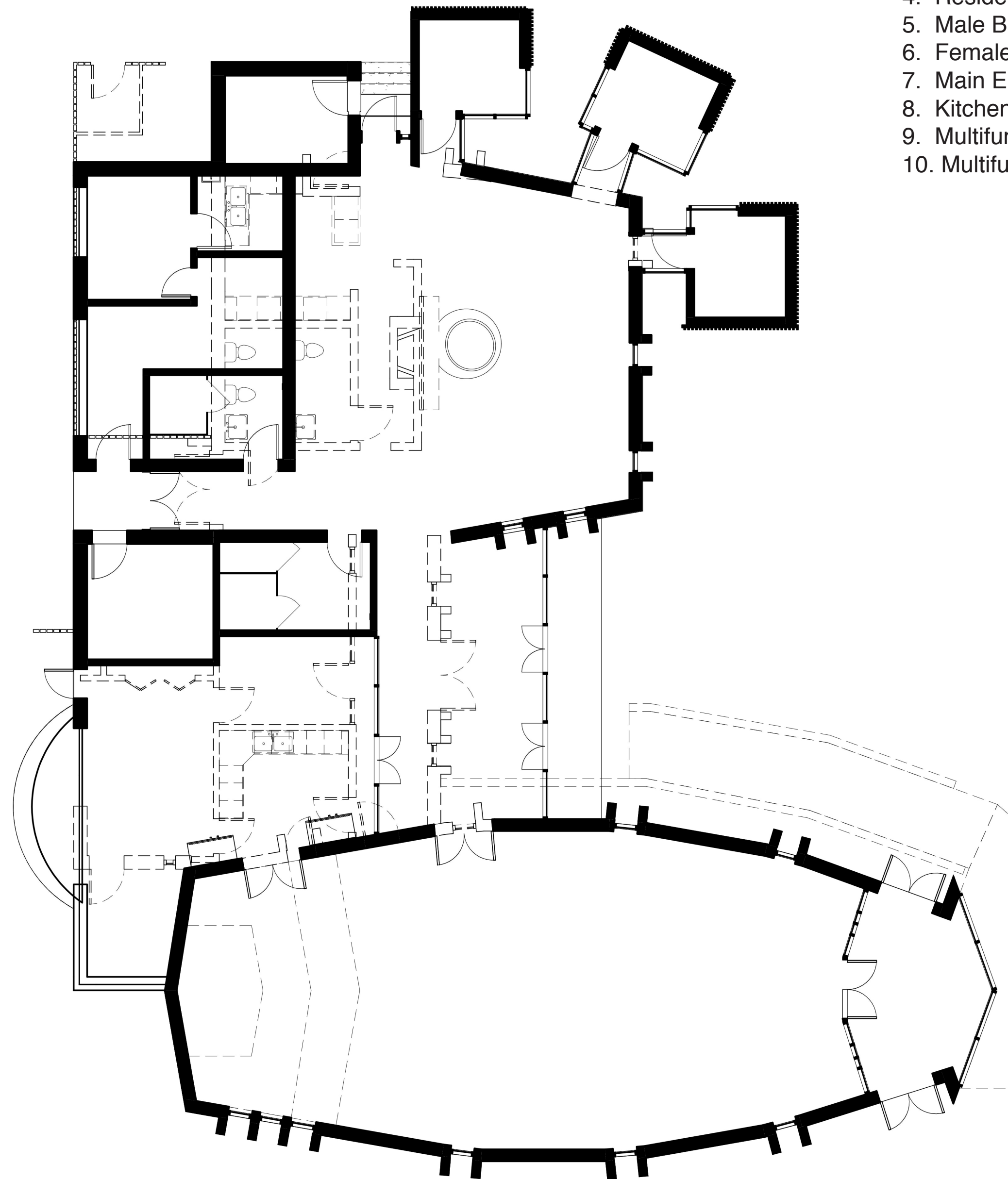


1"-20'

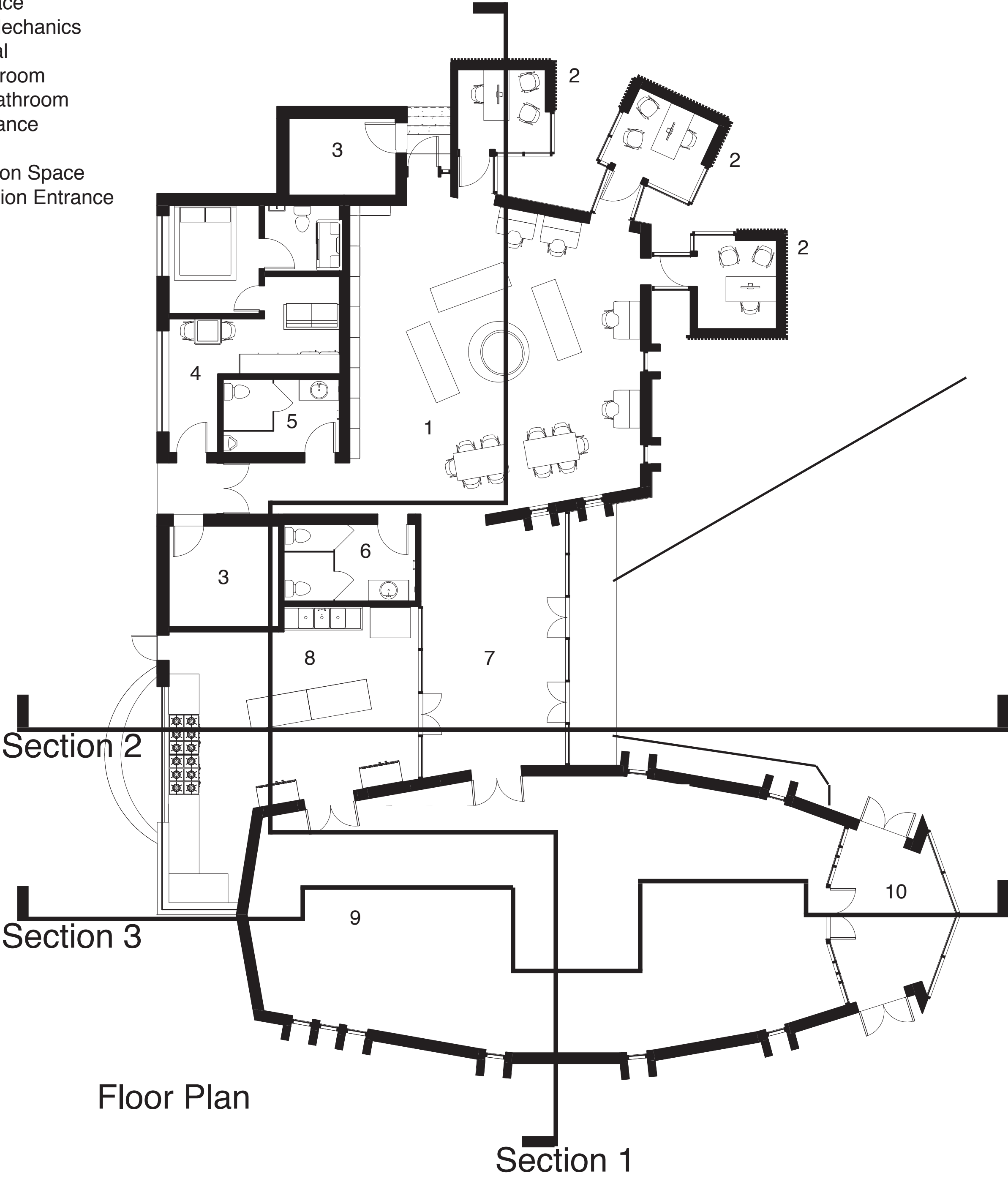


Site Section

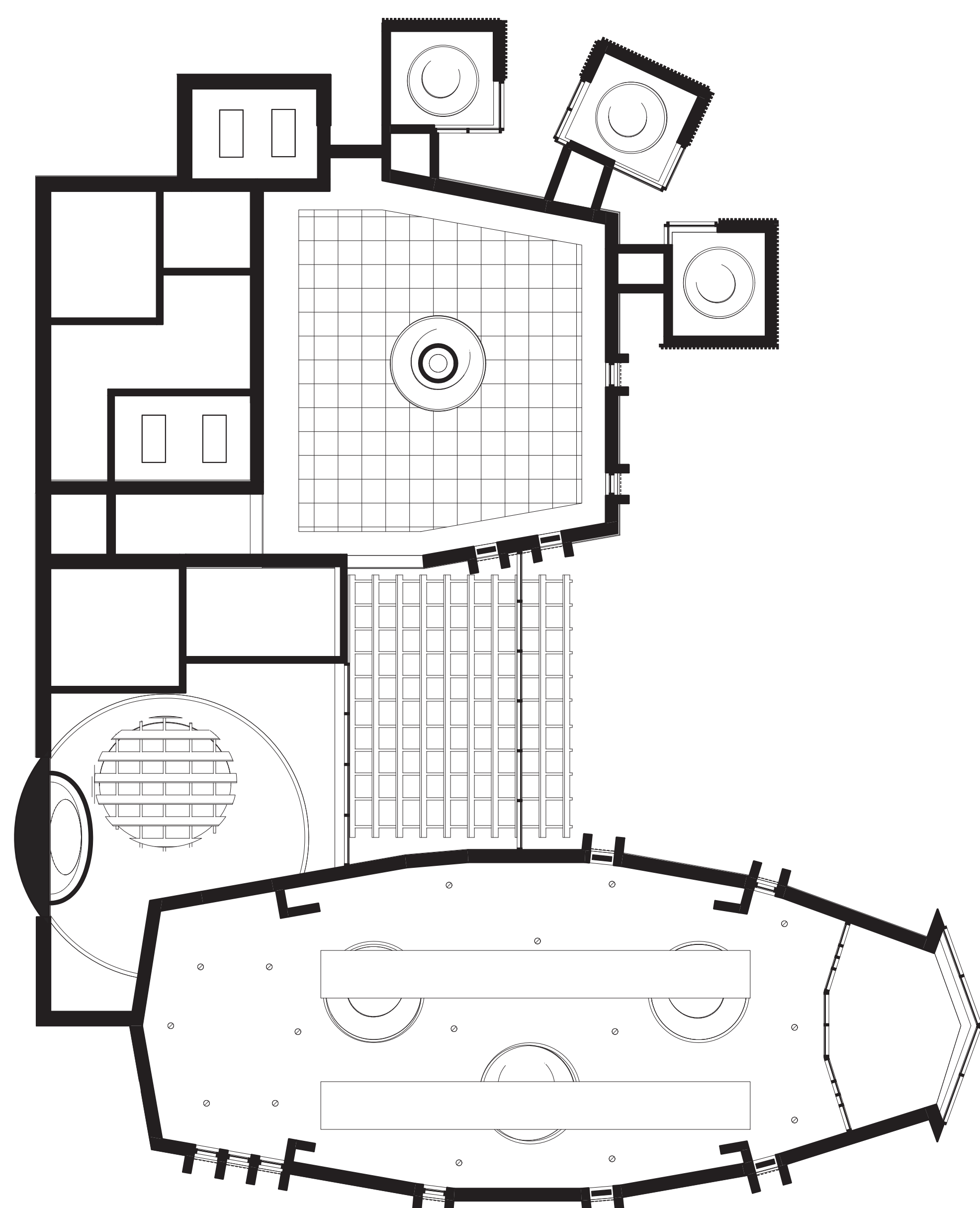
- Legend:
- 1. Commons
 - 2. Office Space
 - 3. Storage/Mechanics
 - 4. Residential
 - 5. Male Bathroom
 - 6. Female Bathroom
 - 7. Main Entrance
 - 8. Kitchen
 - 9. Multifunction Space
 - 10. Multifunction Entrance



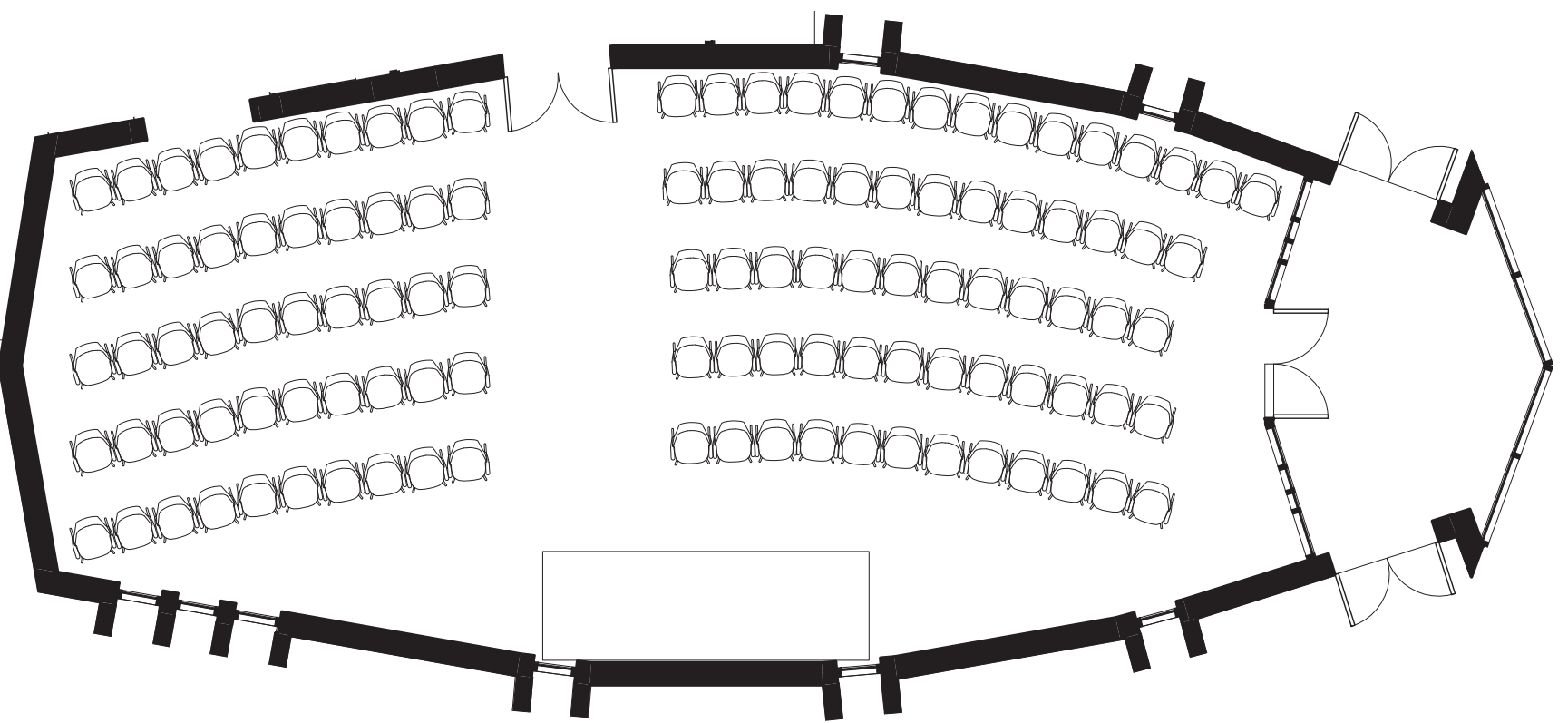
Demo Plan



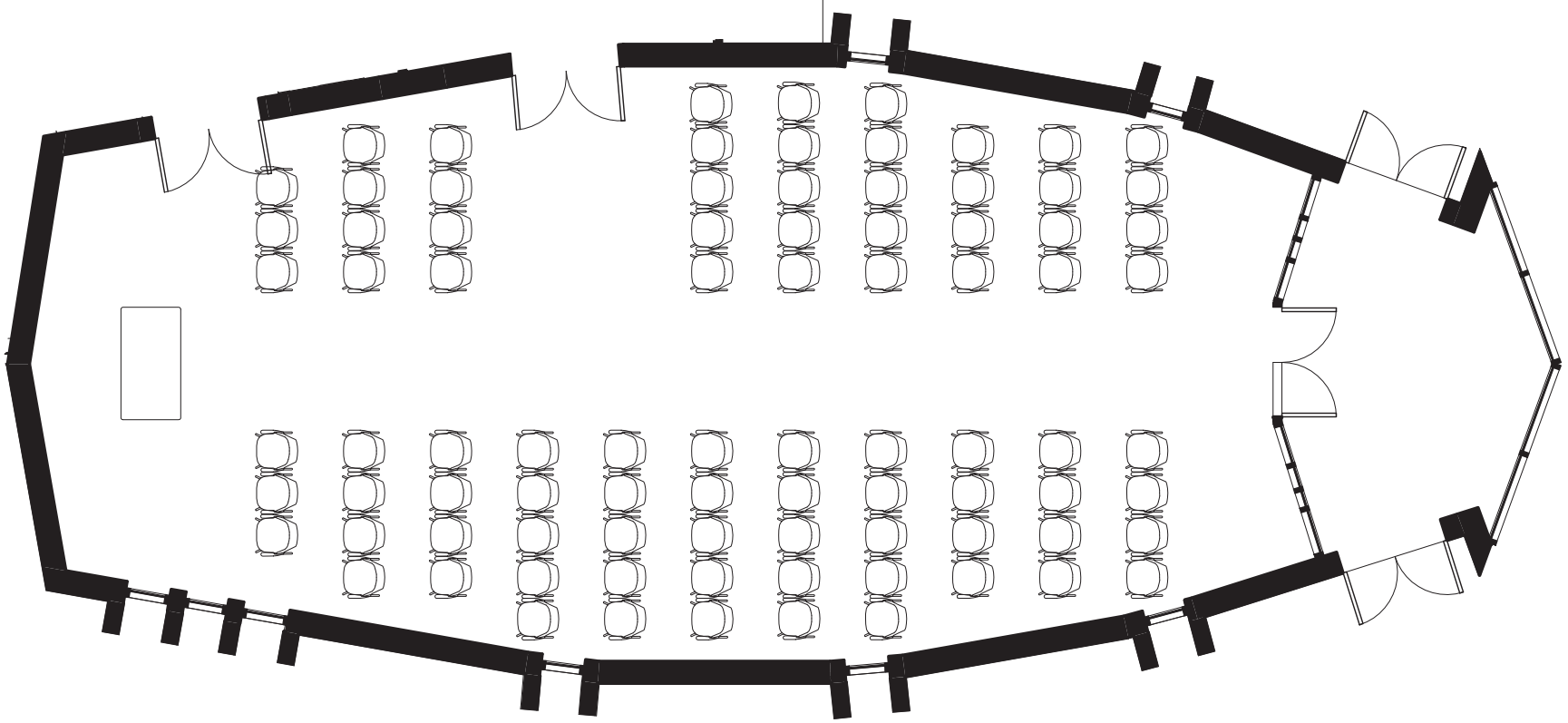
Floor Plan



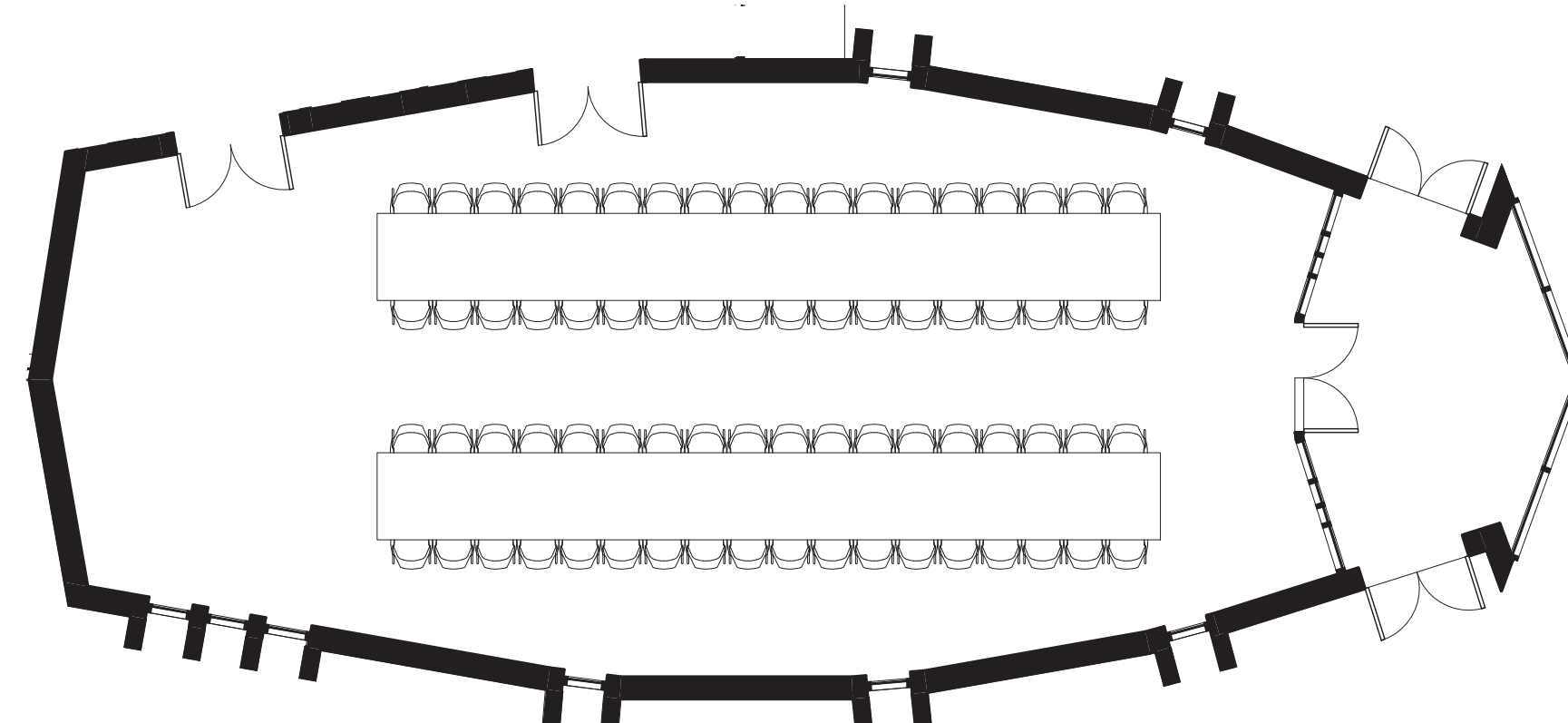
Reflected Ceiling Plan



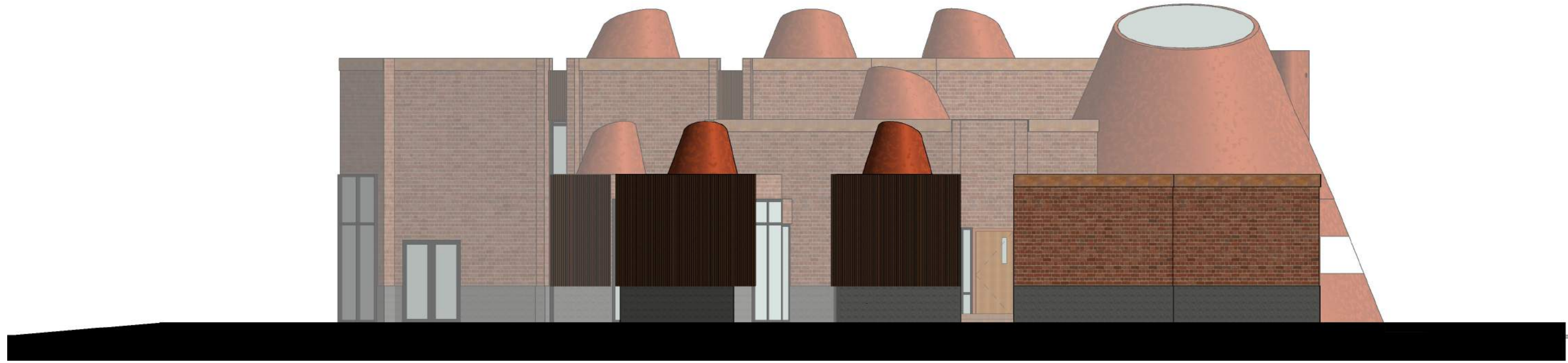
Concert Plan
110 seats



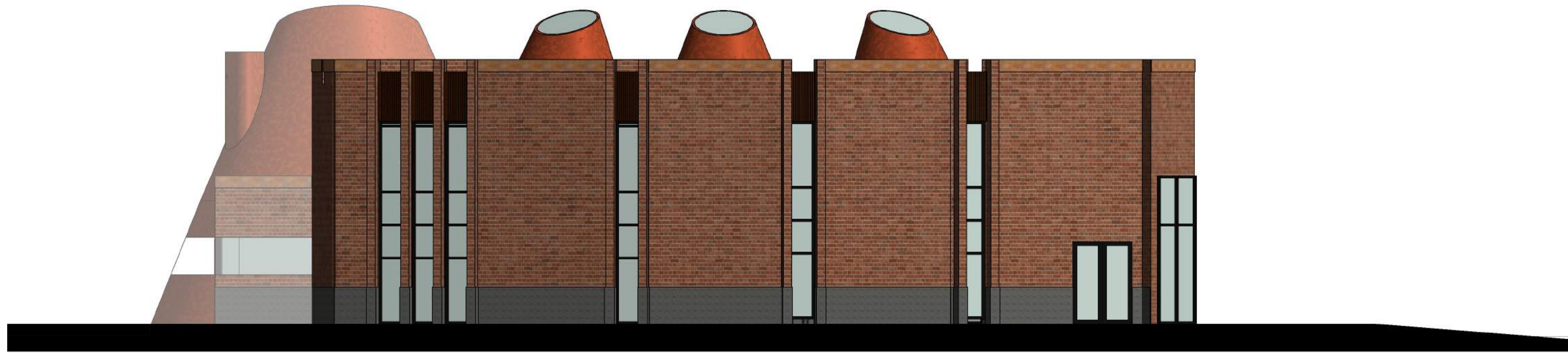
Worship Plan
86 seats



Dinning Plan
72 seats



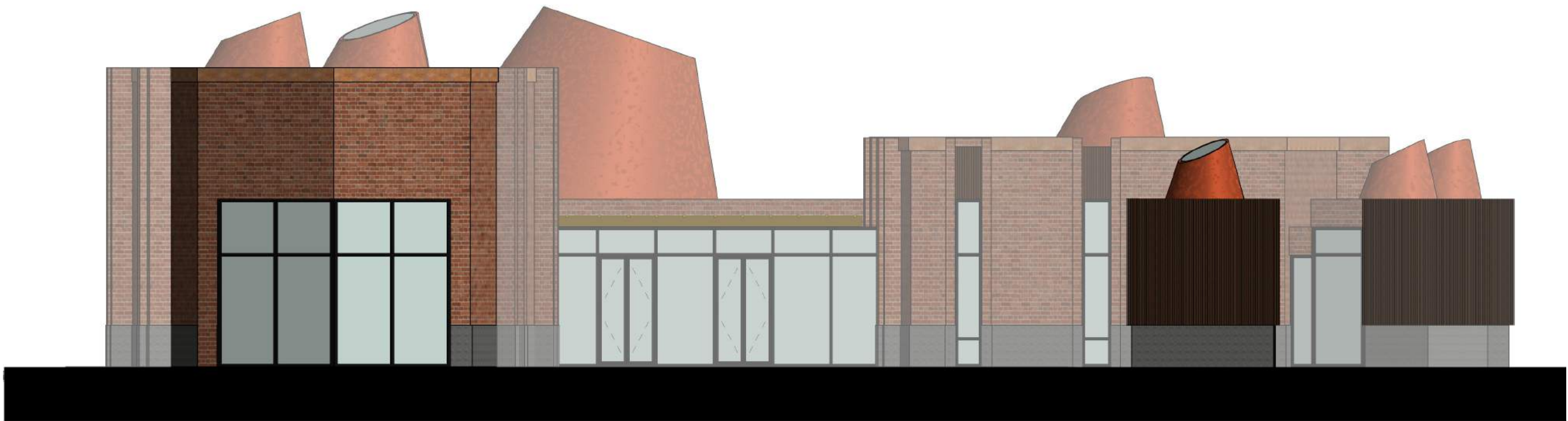
North Elevation



South Elevation



West Elevation



North Elevation



Section 1

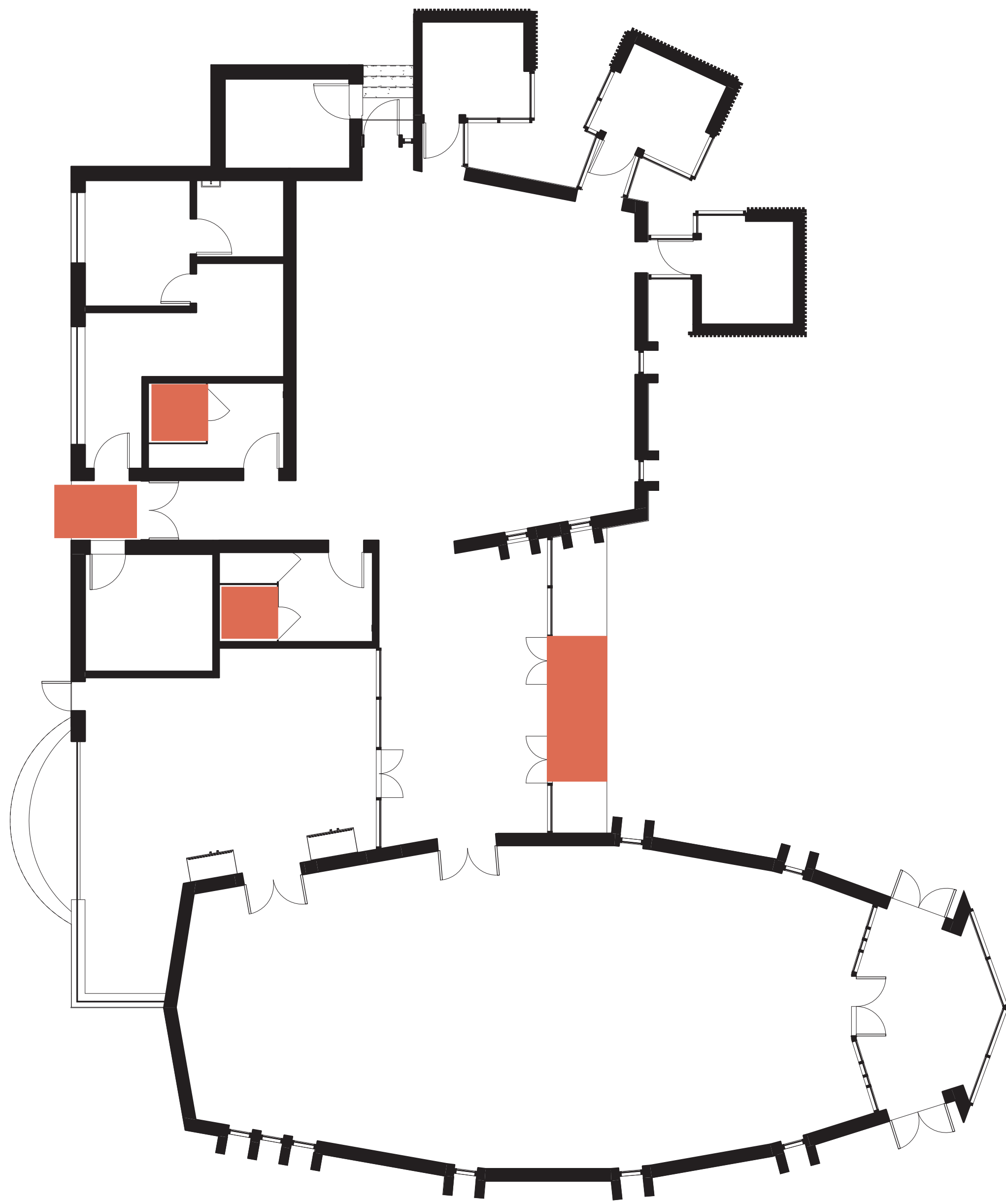


Section 2

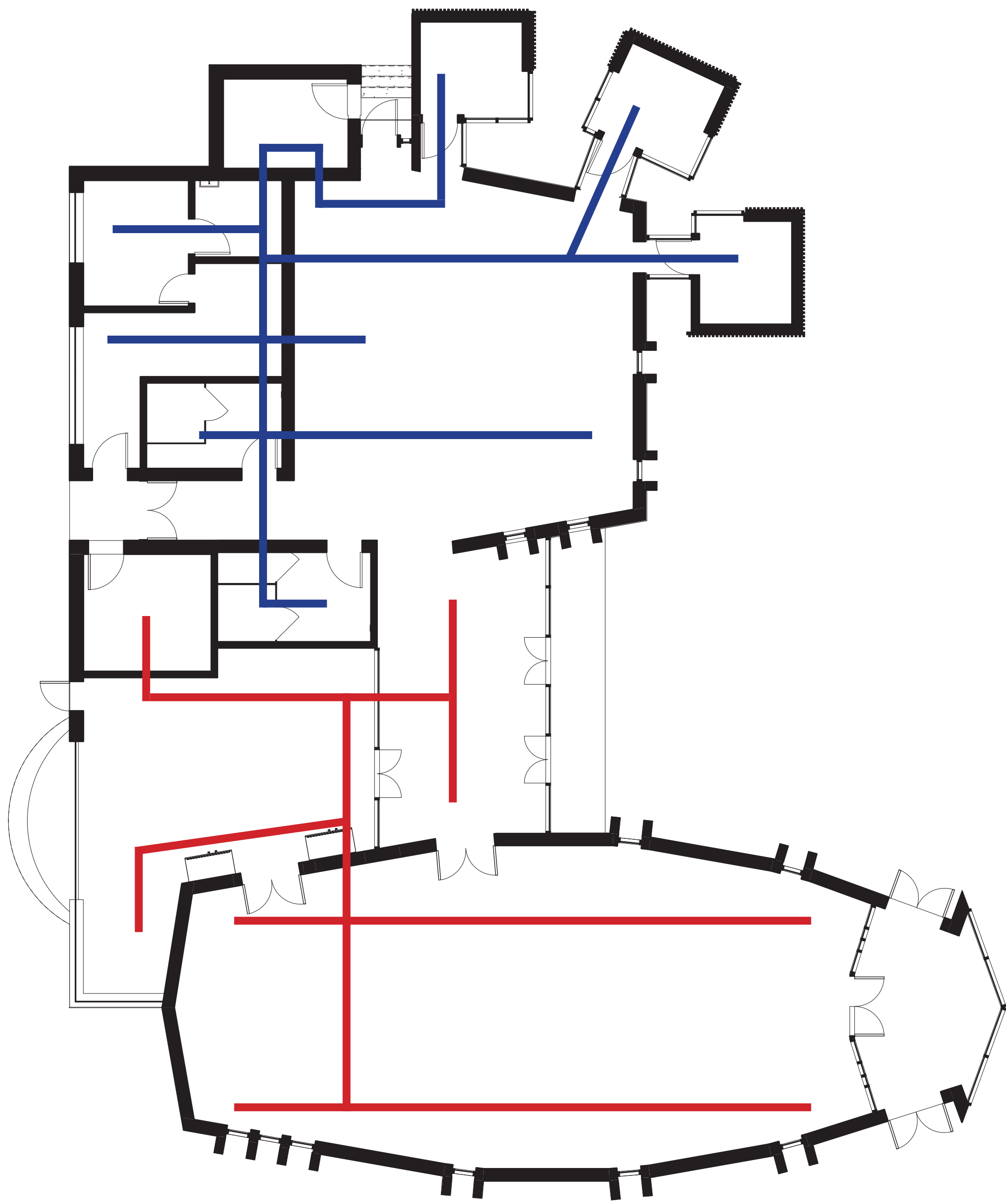


Section 3

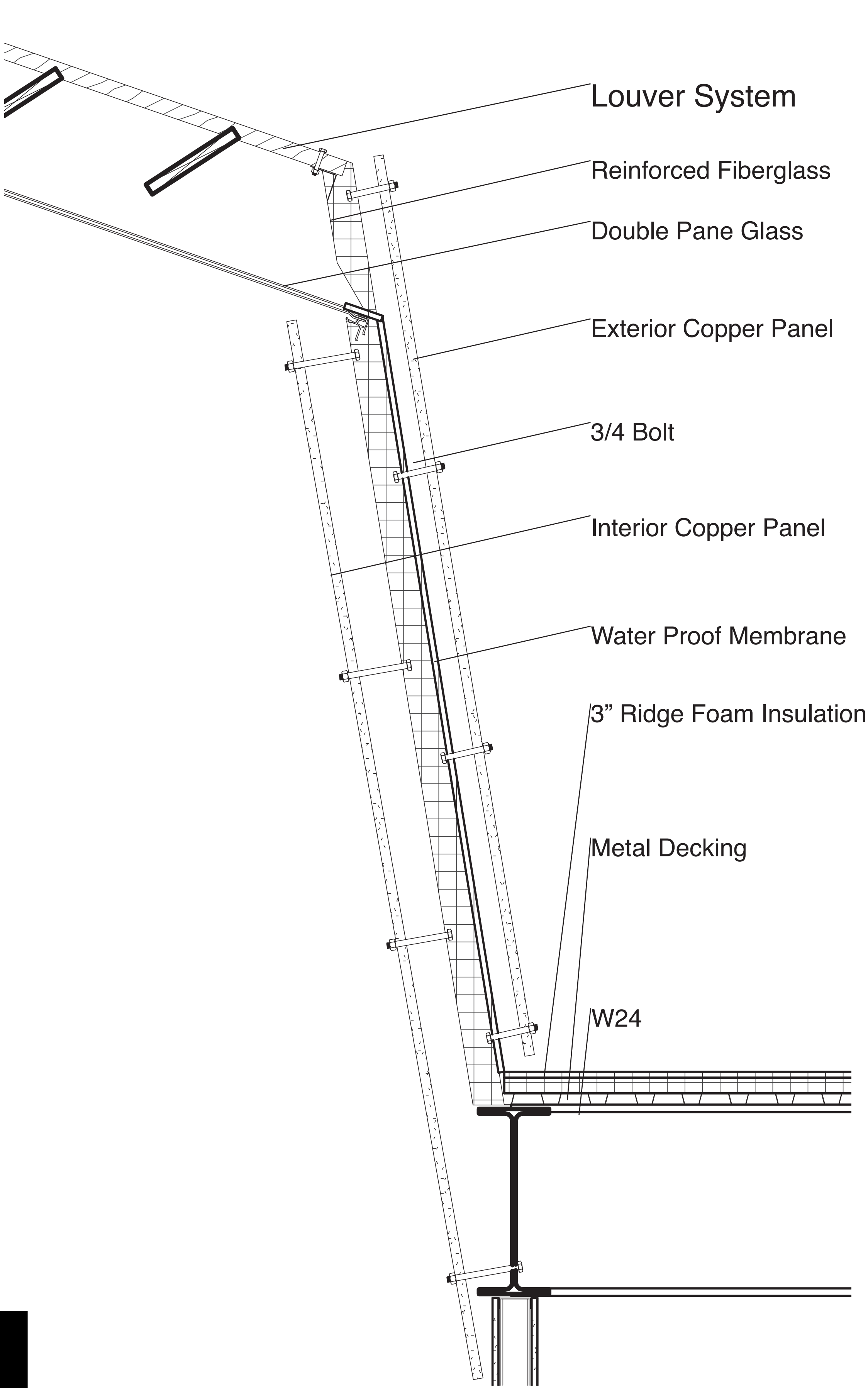
1/8"-1'0"



ADA Diagram

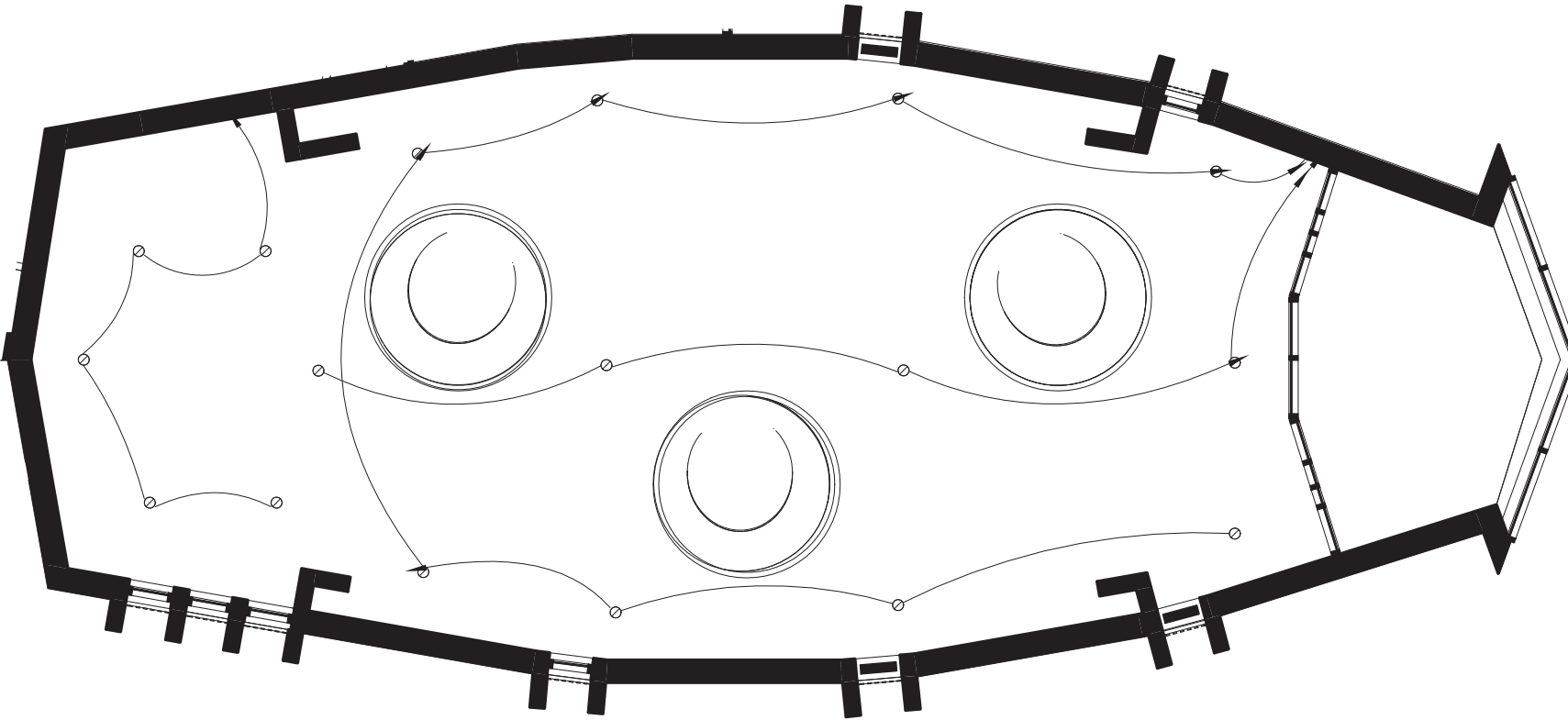


HVAC System Diagram



Wall Detail

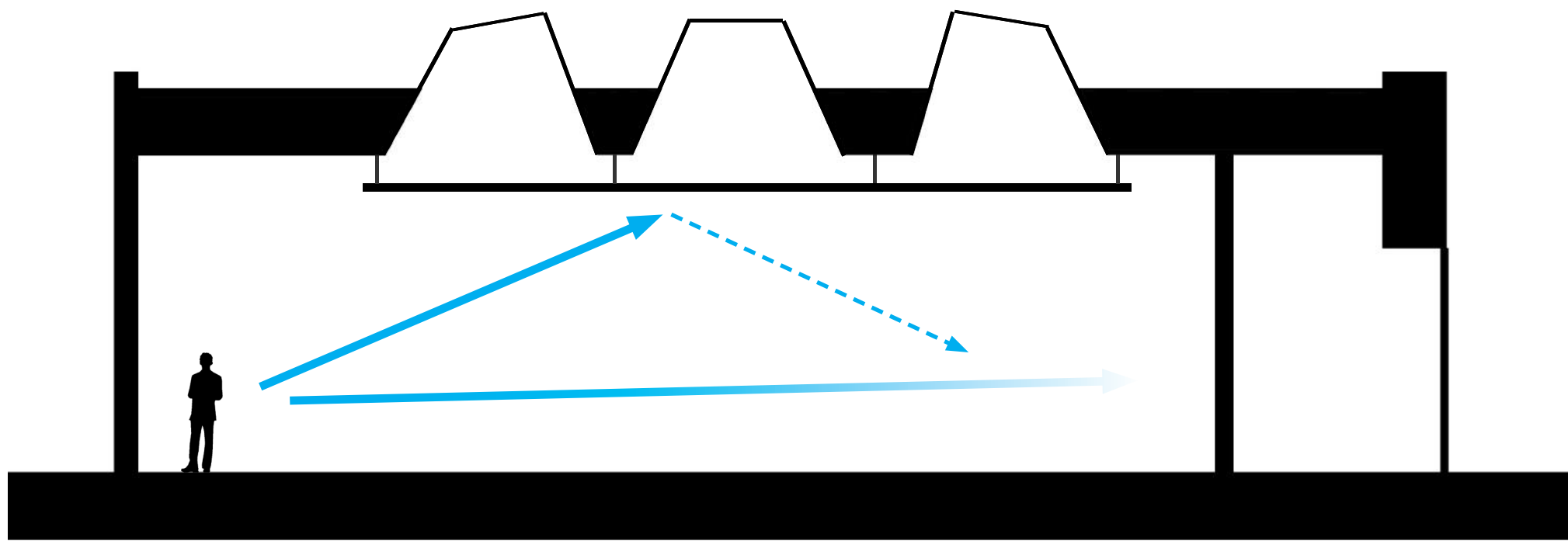
1/2"-1'0"



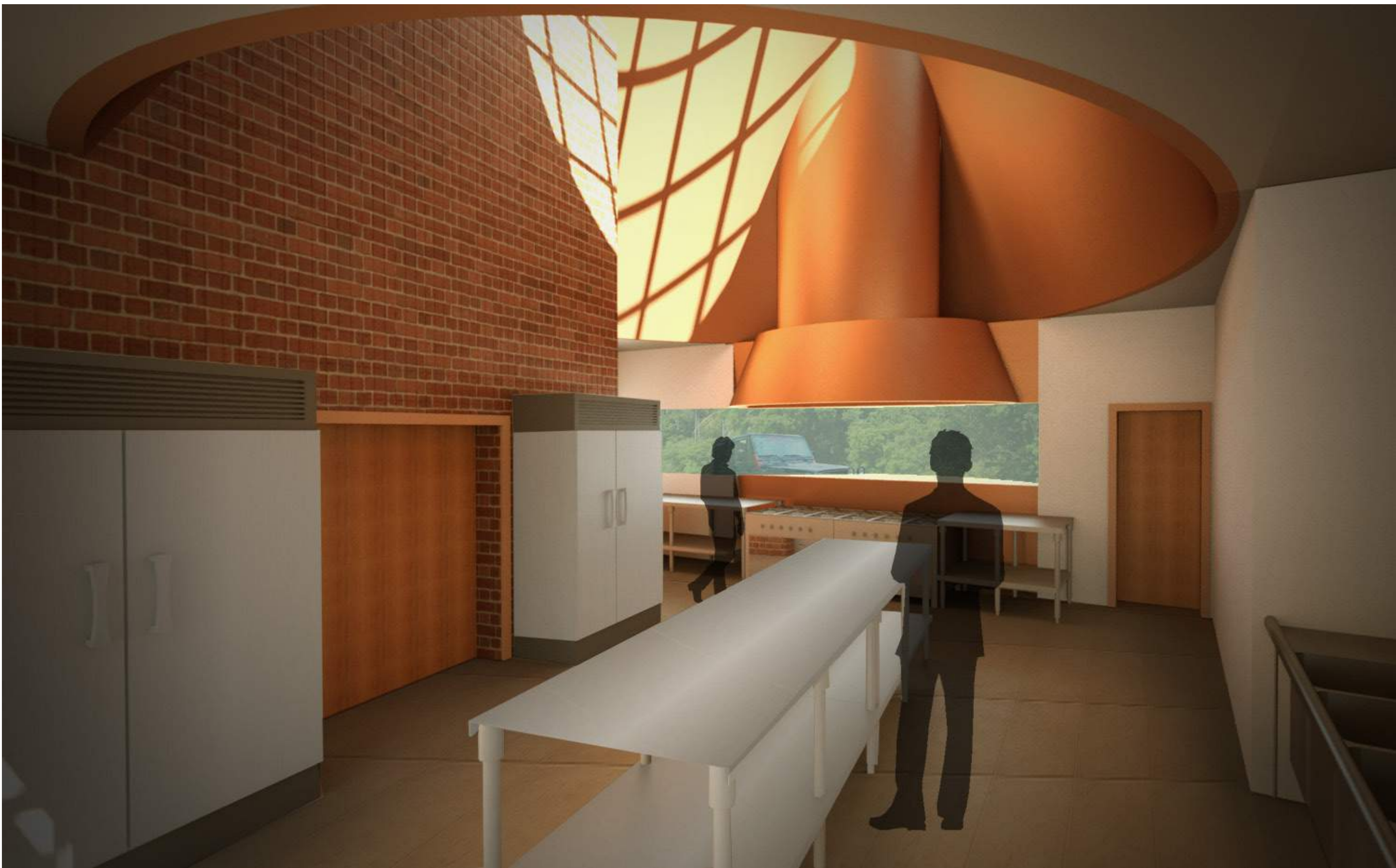
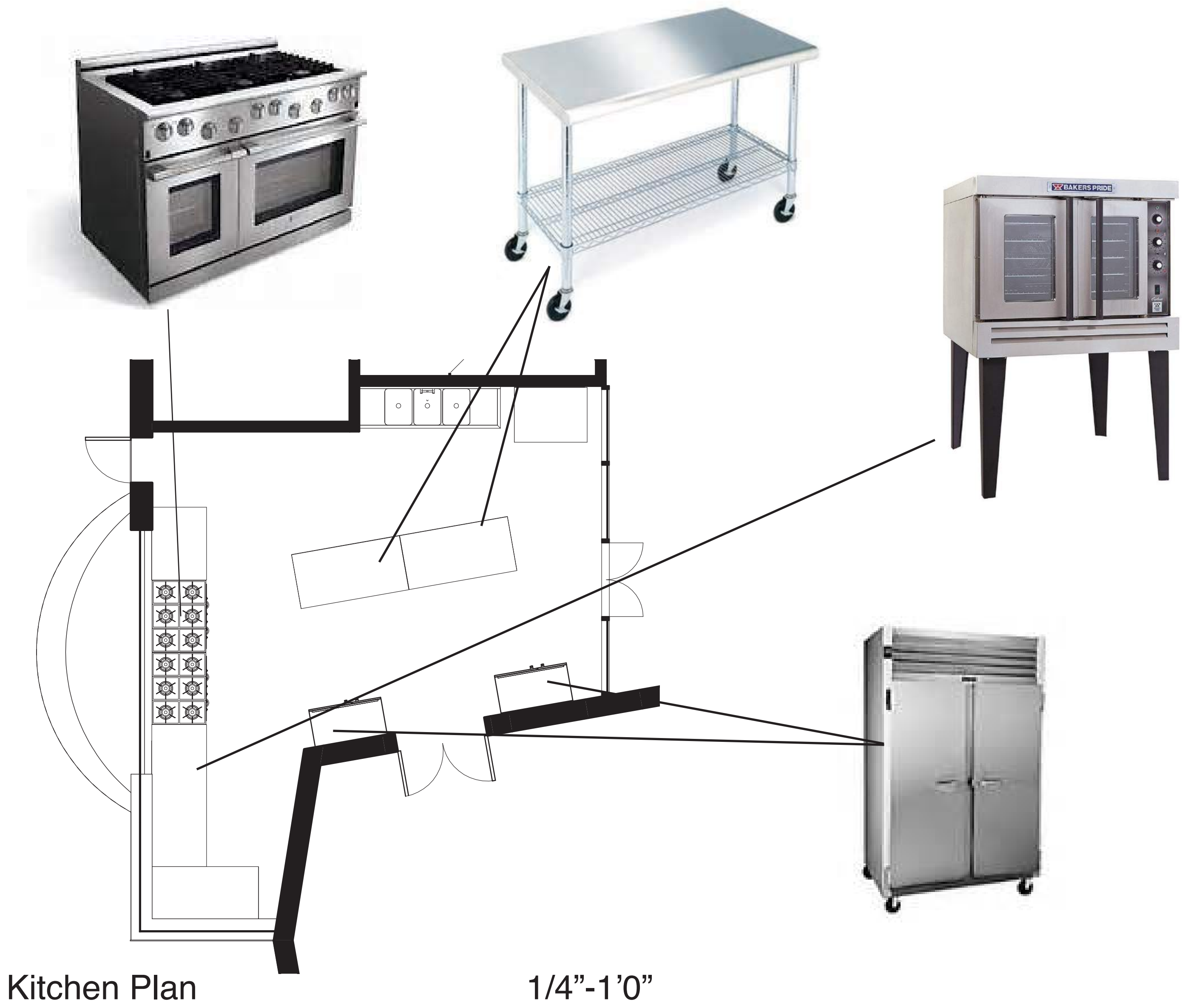
Lighting Diagram

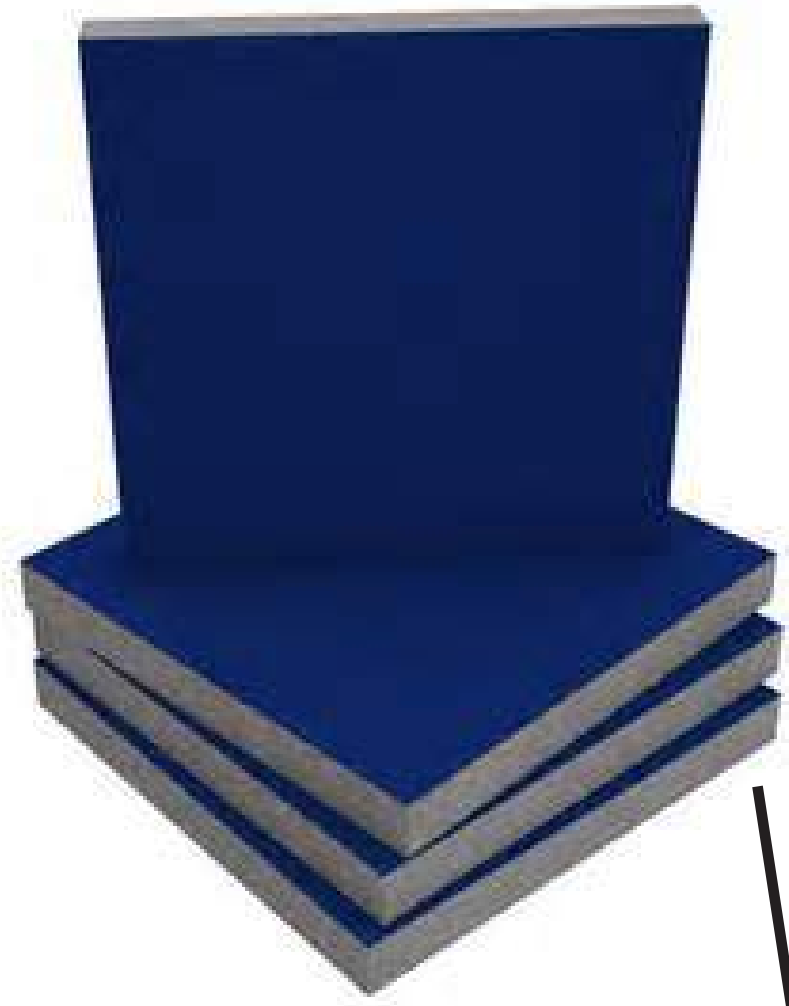


1/8"-1'0"



Acoustical Diagram





Acoustic Panel



Copper



Theater Curtains



Herman Miller Stackable Chairs