

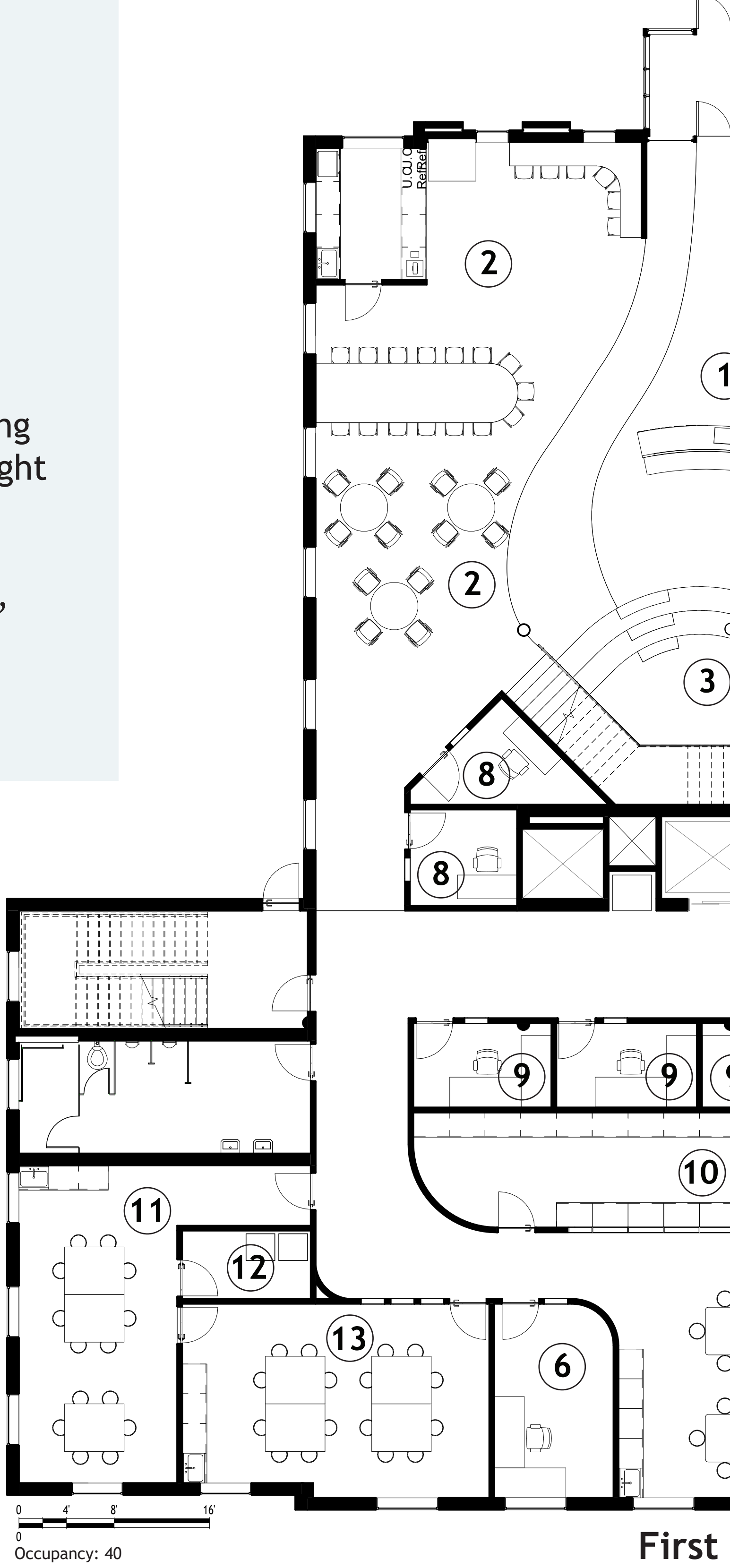


Zayyan Budiman
IDS 306 Final Project
Spring 2024

Marymount University is building a combined mixed-use arts and health center. It will contain a student health clinic, physical therapy clinic, and art focused and collab spaces. The center will be open to both students, faculty, and the greater Arlington community. The center needs to not only be practical but also fun and inviting to garner attraction.

In order to create a space that feels welcoming and community centered, the design of the center will take inspiration from “arcs and tangents”. The softer curved lines will create appealing features that the eye will be attracted to, while the linear straight lines keep the space structured. Curved lines deter emotions of fear and discomfort, and will allow users to feel more welcome. Soft but bright hues of orange create energetic and social tones, while blue and green compliment the wood tones and keep the space grounded.

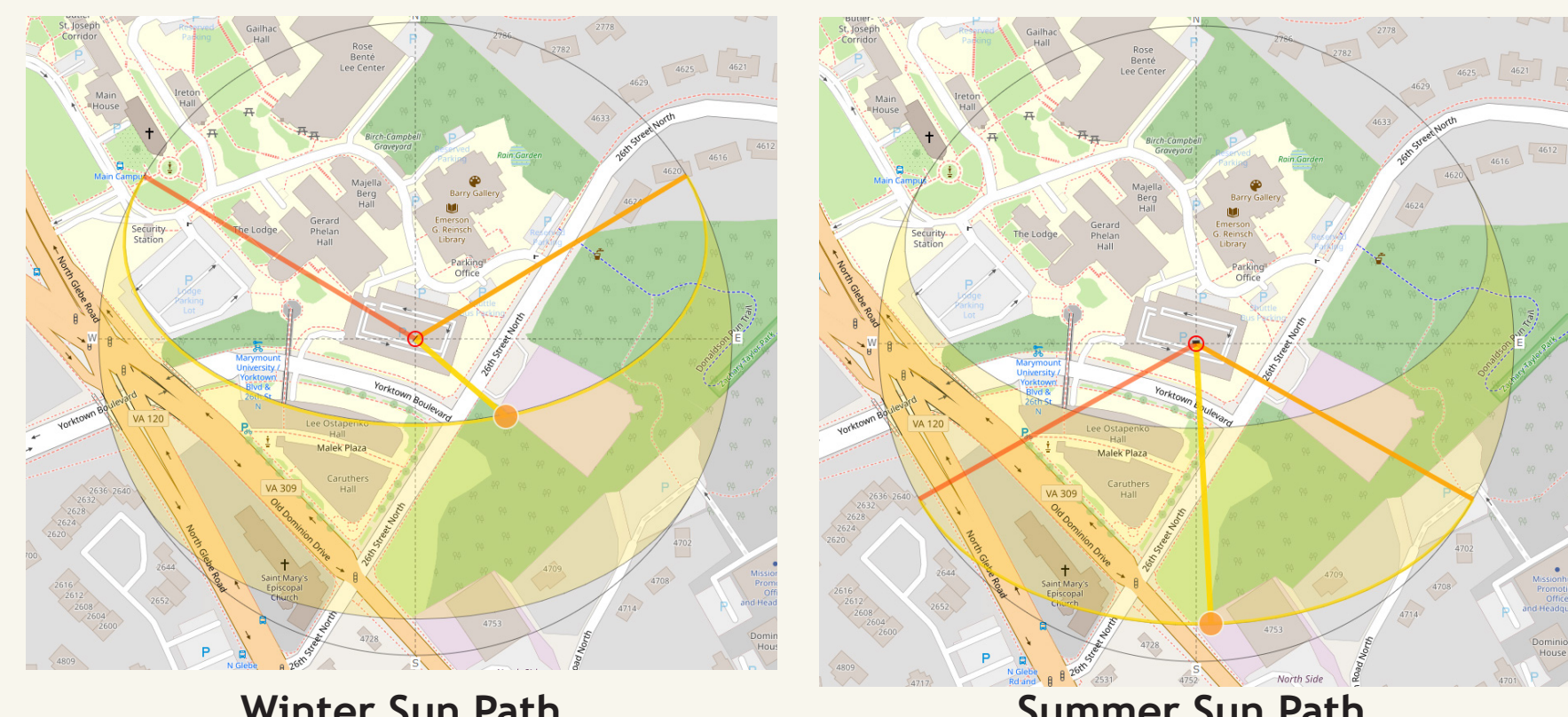
Floor Plans



First

Site Analysis

- The site has a hilly terrain, that will leave a portion of the building's foundation exposed or can be utilized as an entrance for parking.
- A small road is positioned to the north at the front of the building entrance, and is currently mainly used by students and shuttle busses.
- Busy roads are positioned to the east and south, and lead into neighborhoods and a busy main road.
- A large multi-story building used for dorms is to the south, and one/two story buildings are to the northwest and south.
- Due to the hilly terrain, there isn't an ADA compliant way to reach the location by foot.
- There is noise pollution coming from the north, east, and south from cars and students walking around campus.
- The greater Arlington population is highly educated with 96% having earned a high school degree and 76% earned a Bachelors degree or higher.



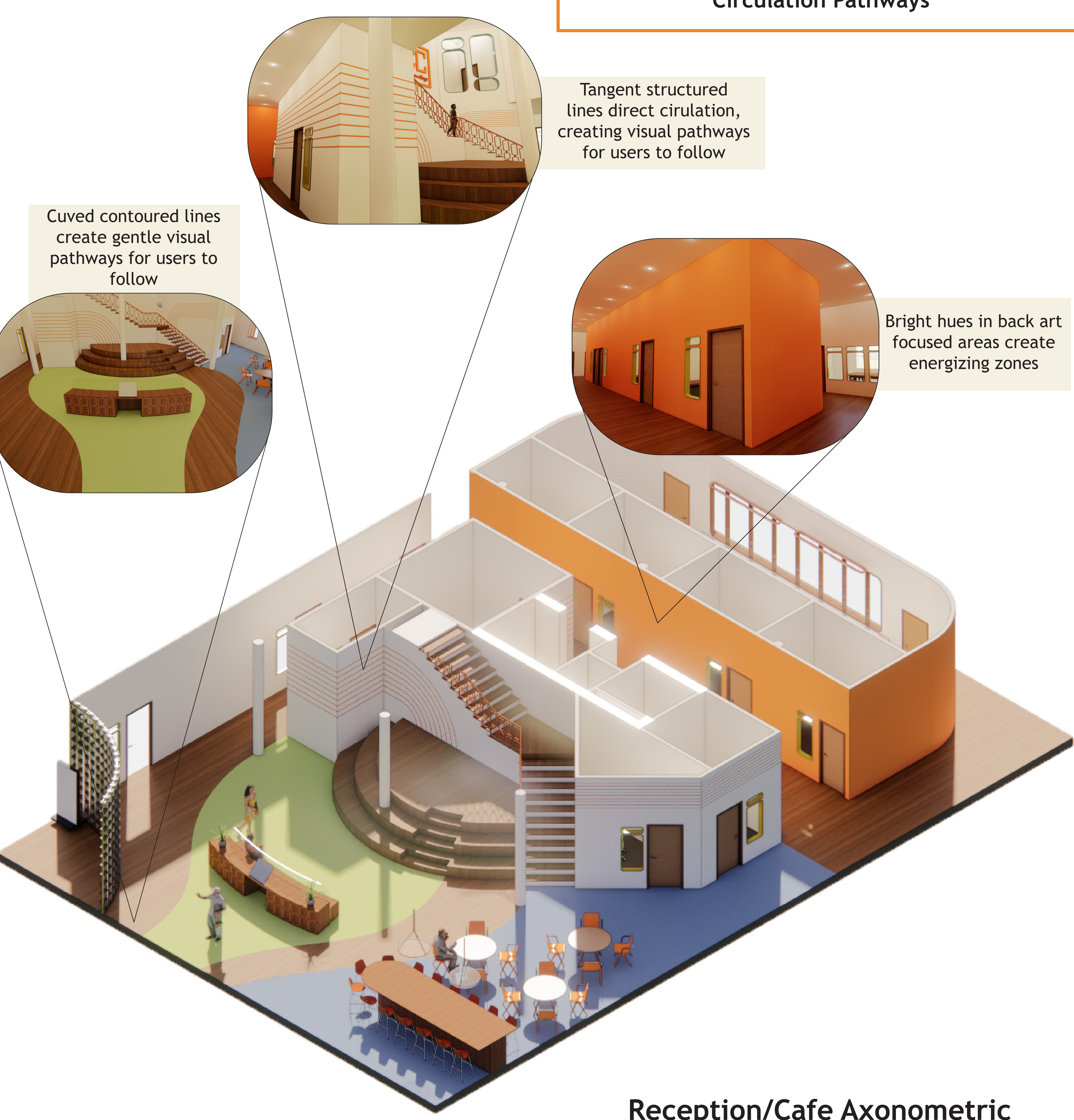
Research

- Windows are important to keep guests from feeling trapped. Windows looking outdoors can give views of nature, but windows in inner rooms can keep these spaces feel interconnected.
- Natural colors such as greens and browns seen in biophilia create calming effects.
- Simple layouts allows users to feel in control and reduces feelings of anxiety and being overwhelmed.
- In multi-use buildings creating common areas is useful in communicating a community based experience. There should be still be a separation of space for the different uses for usage structure.
- Softer contours are easier for the brain to make positive connotations. Due to this, rounded walls and corners deter feelings of fear and discomfort allowing users to feel more welcome.

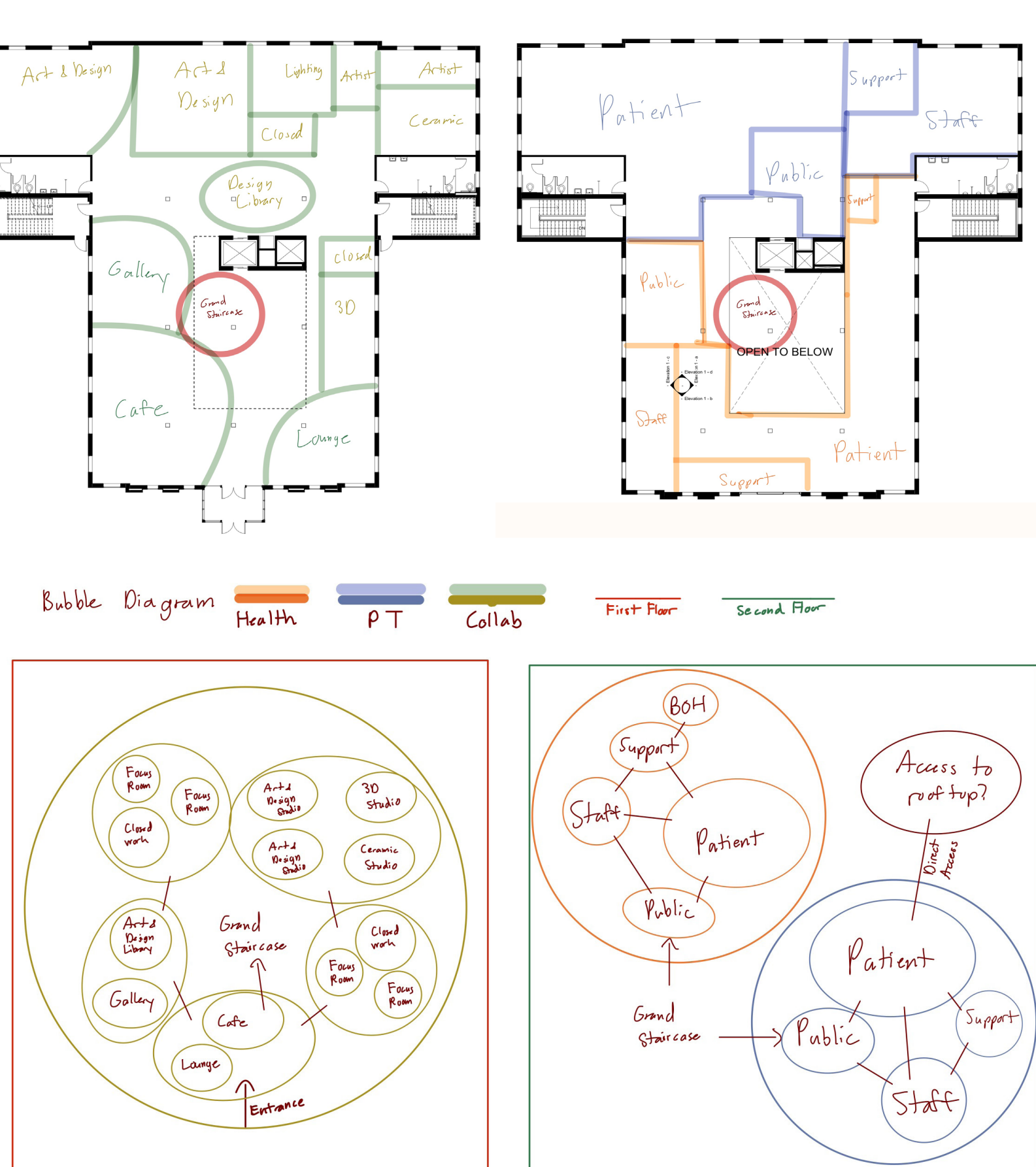
Inspiration



Wayfinding

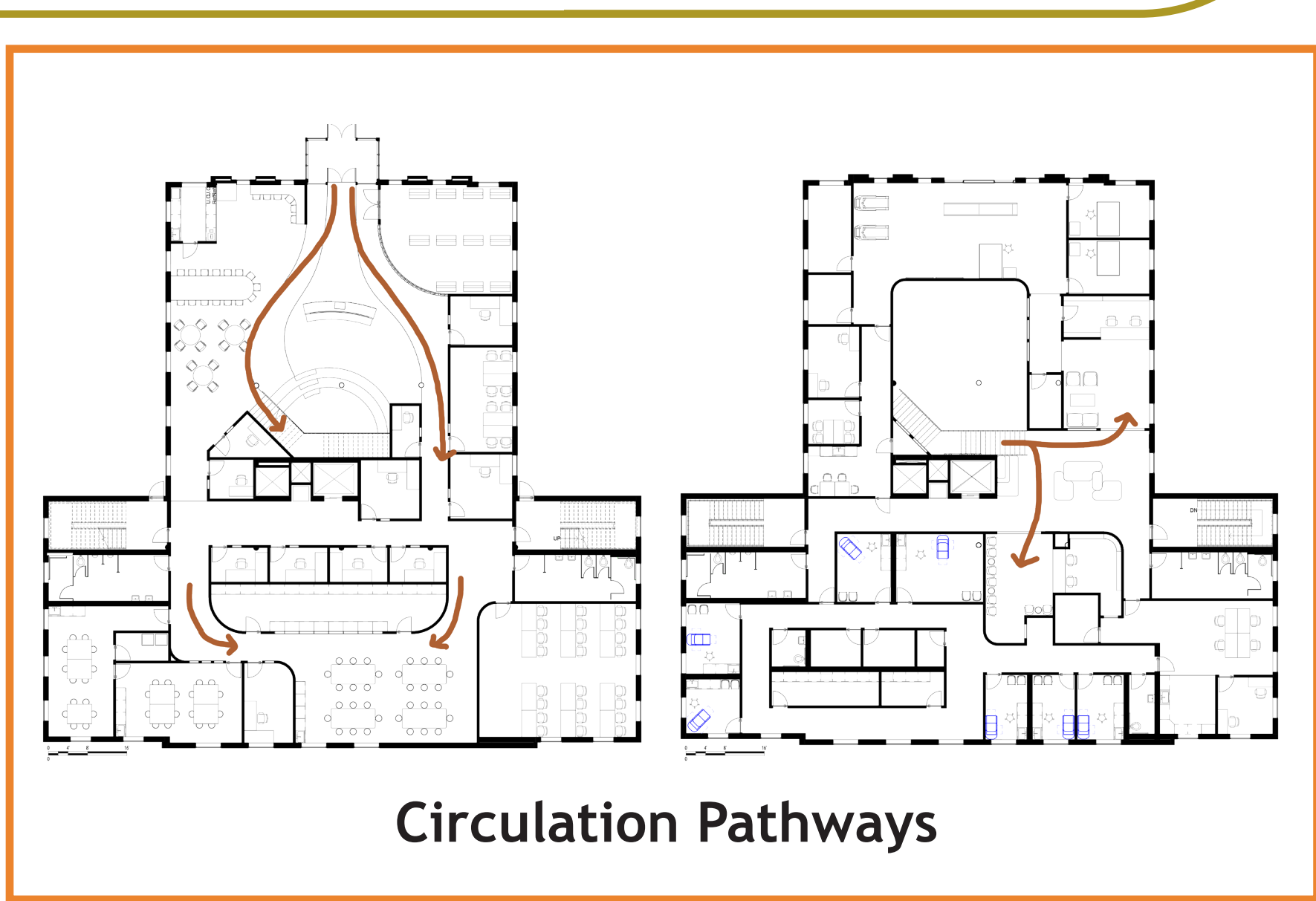
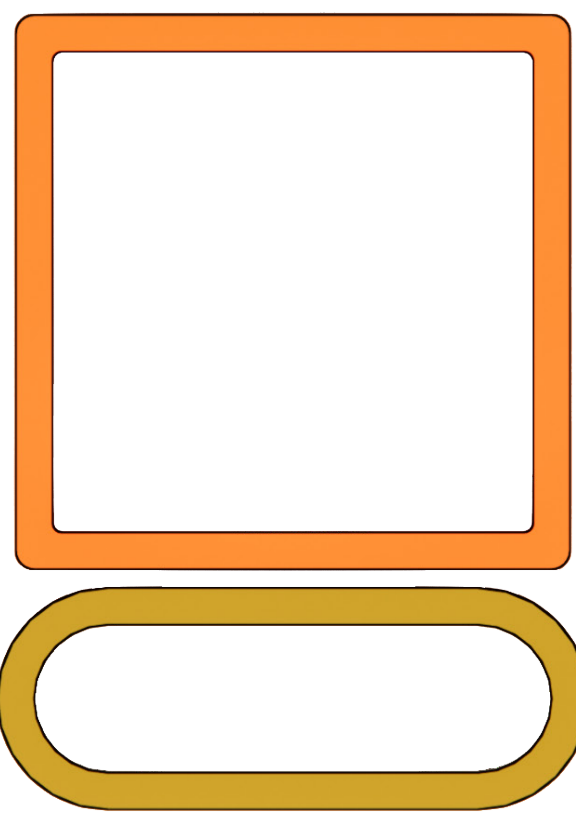


Design Development



Parti

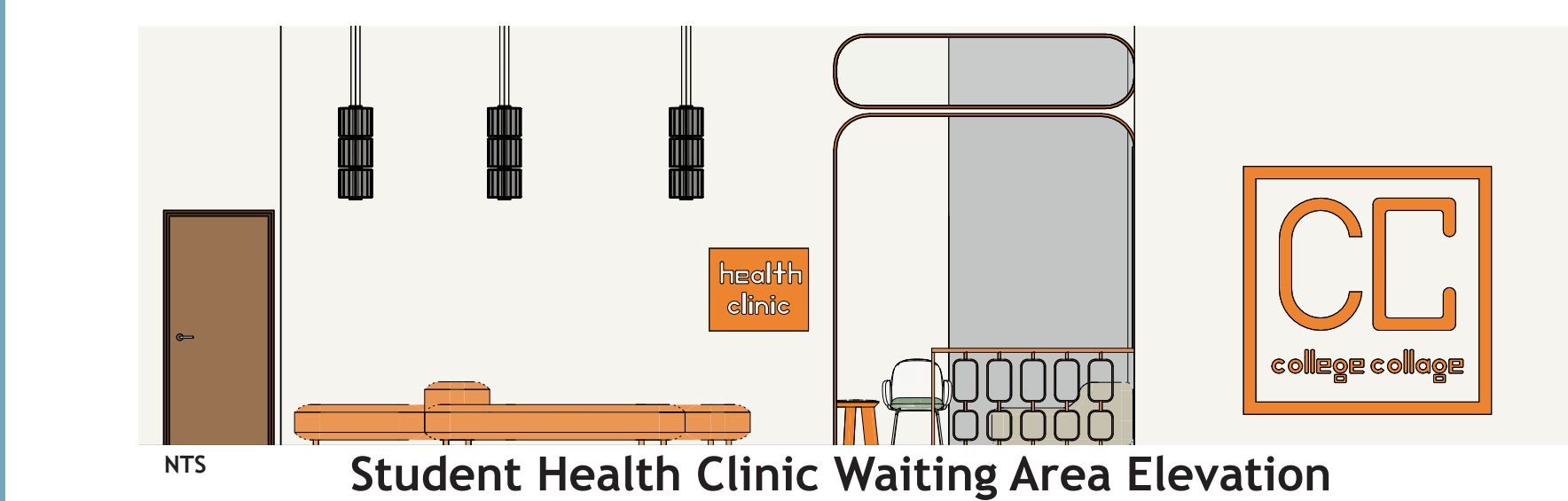
Playing with the idea of arcs and tangents, the parti is an integration of the shape it can take. By stacking quadrilateral and elongated shapes, a fun, flexible, but structured design can be constructed.



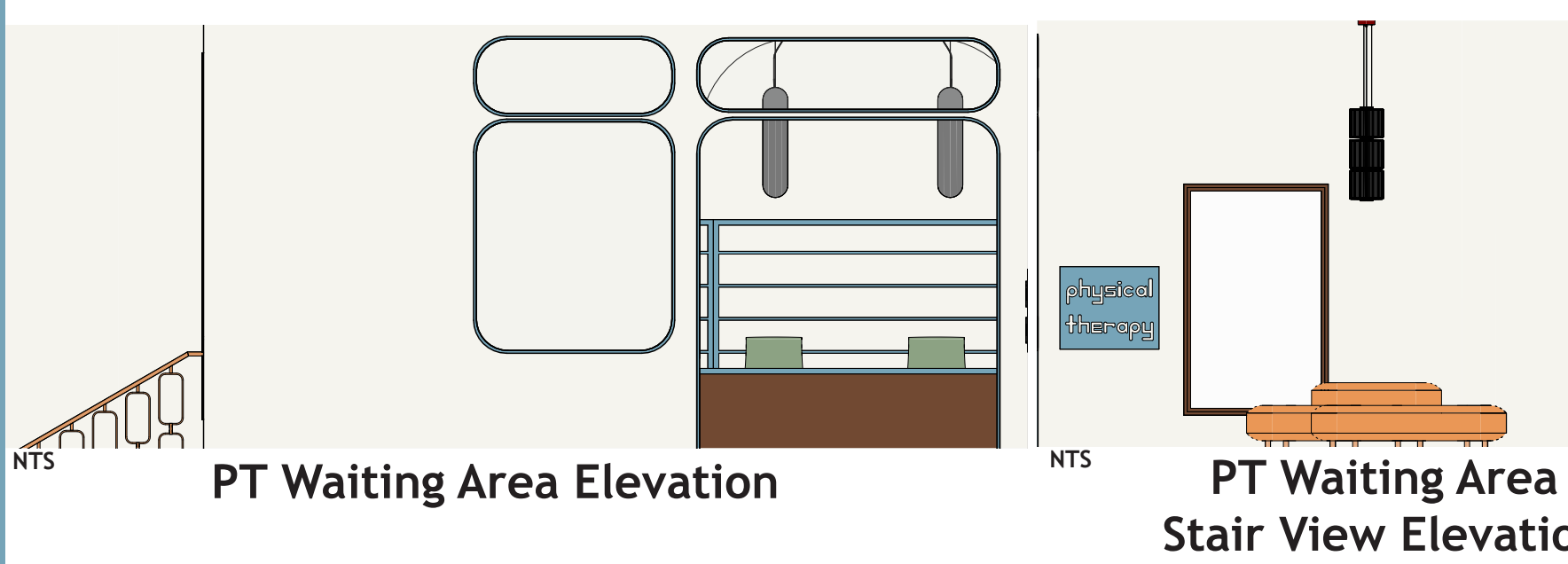
First Floor Main Entrance



Second Floor Waiting Area



Student Health Clinic Waiting Area Elevation



PT Waiting Area Elevation

PT Waiting Area Stair View Elevation



PT Reception

Custom Windows

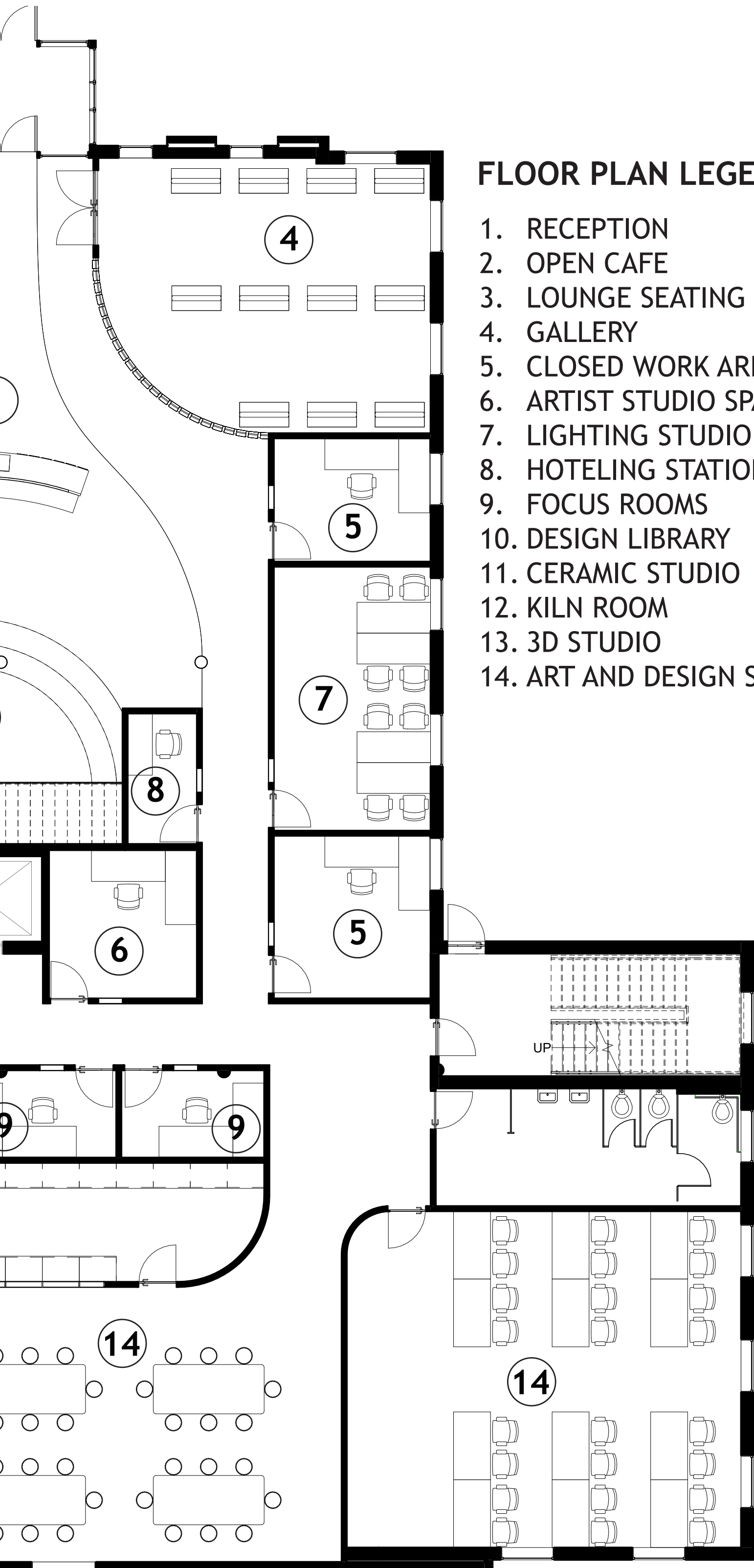
A curvilinear version of the parti has been transformed into various windows and openings. The size of the custom portal directly translates to the size and/or importance of the space it is attached to.

Citations
Can hospital form trigger fear response? - debajyoti pati, Michael O'Boyle, Jiancheng Hou, Upali Nanda, Hessa Ghamari, 2016. (n.d.). <https://journals.sagepub.com/doi/10.1177/1937586715624210>
Can hospital form trigger fear response? - debajyoti pati, Michael O'Boyle, Jiancheng Hou, Upali Nanda, Hessa Ghamari, 2016. (n.d.). <https://journals.sagepub.com/doi/10.1177/1937586715624210>
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The Ginza Tokyo flagship store and corporate headquarters of Hermès was built by Renzo Piano in collaboration with Takenaka Corporation between 1998 and 2001. Say Hi To. (n.d.). <https://www.sayhi-to-studio.com/article/maison-hermes-renzo-piano-tokyo-japan>
Artotiff. (1968, January 1). <https://www.artotiff.org/>

Small Window
Collab/Art Spaces

Tall Medium Windows
Physical Therapy

Large Long Window
Design Library

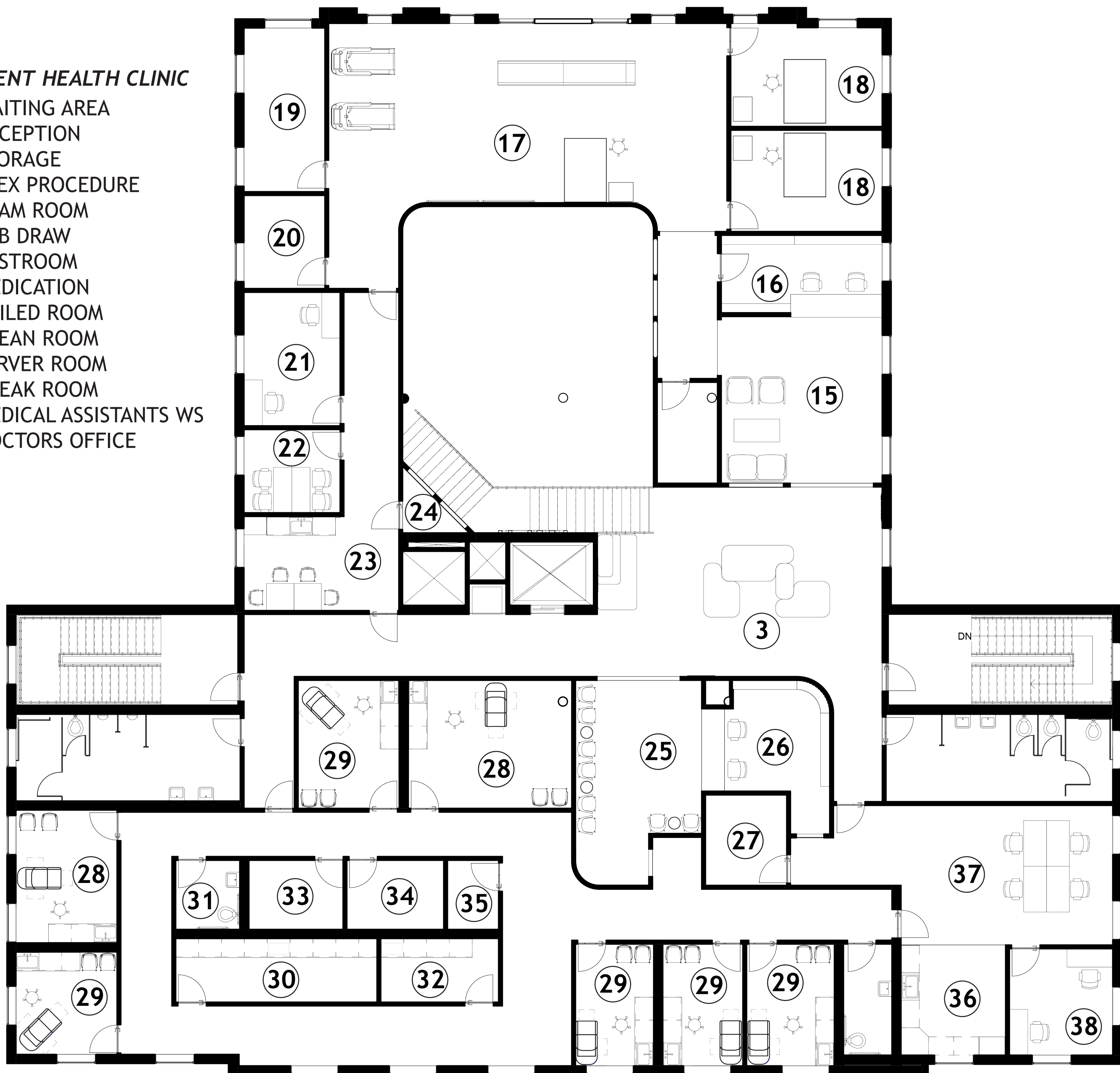


FLOOR PLAN LEGEND

- 1. RECEPTION
- 2. OPEN CAFE
- 3. LOUNGE SEATING
- 4. GALLERY
- 5. CLOSED WORK AREA
- 6. ARTIST STUDIO SPACE
- 7. LIGHTING STUDIO
- 8. HOTELING STATIONS
- 9. FOCUS ROOMS
- 10. DESIGN LIBRARY
- 11. CERAMIC STUDIO
- 12. KILN ROOM
- 13. 3D STUDIO
- 14. ART AND DESIGN STUDIO

- PHYSICAL THERAPY CLINIC**
- 15. WAITING AREA
 - 16. RECEPTION
 - 17. EXERCISE AREA
 - 18. PRIVATE TREATMENT
 - 19. STORAGE
 - 20. UTILITIES
 - 21. OFFICE
 - 22. SMALL CONFERENCE
 - 23. STAFF LOUNGE
 - 24. ART DISPLAY ROOM

- STUDENT HEALTH CLINIC**
- 25. WAITING AREA
 - 26. RECEPTION
 - 27. STORAGE
 - 28. FLEX PROCEDURE
 - 29. EXAM ROOM
 - 30. LAB DRAW
 - 31. RESTROOM
 - 32. MEDICATION
 - 33. SOILED ROOM
 - 34. CLEAN ROOM
 - 35. SERVER ROOM
 - 36. BREAK ROOM
 - 37. MEDICAL ASSISTANTS WS
 - 38. DOCTORS OFFICE



Second Floor

First Floor



Clinic Reception

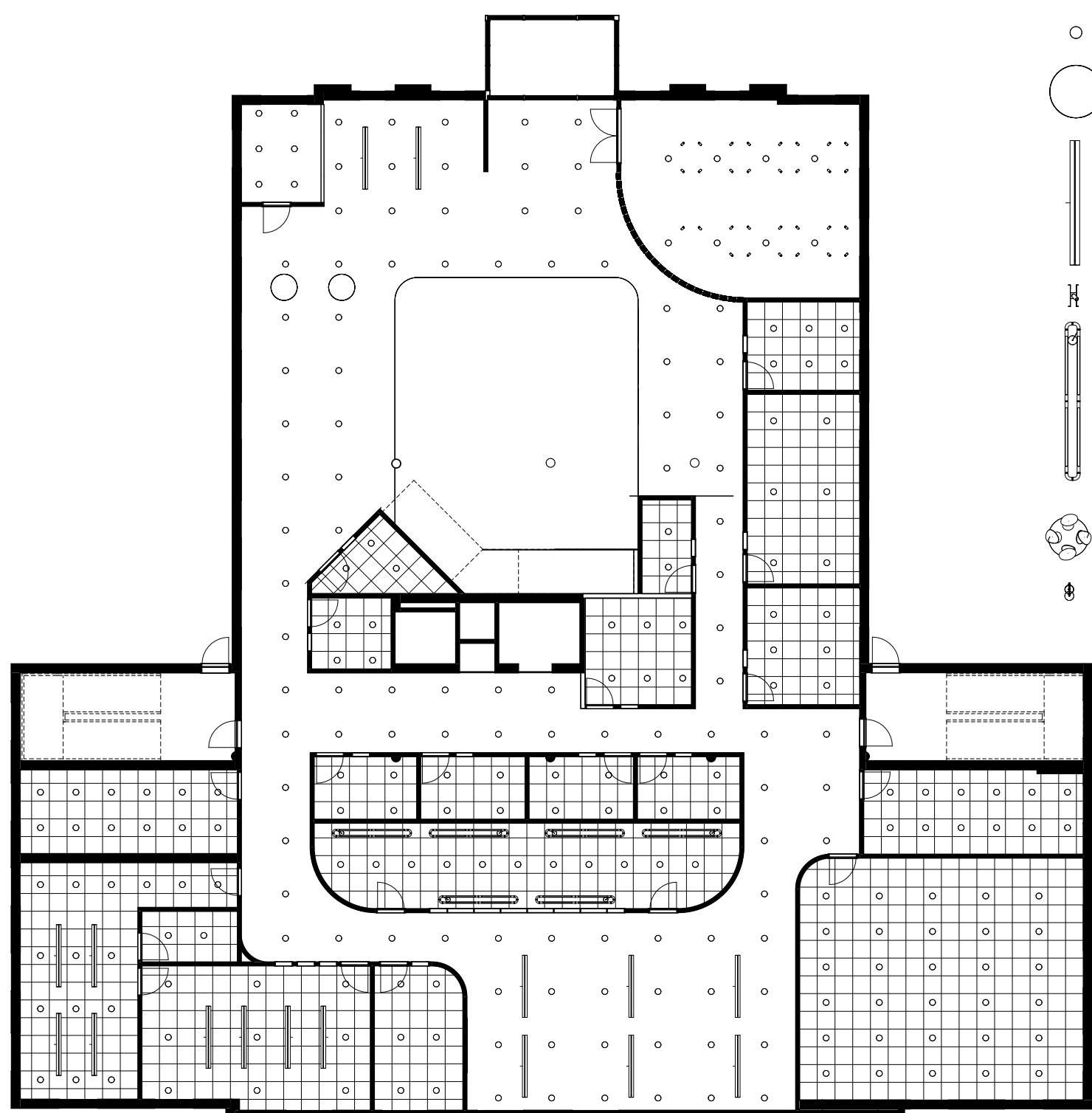


Second Floor Waiting Area Axonometric

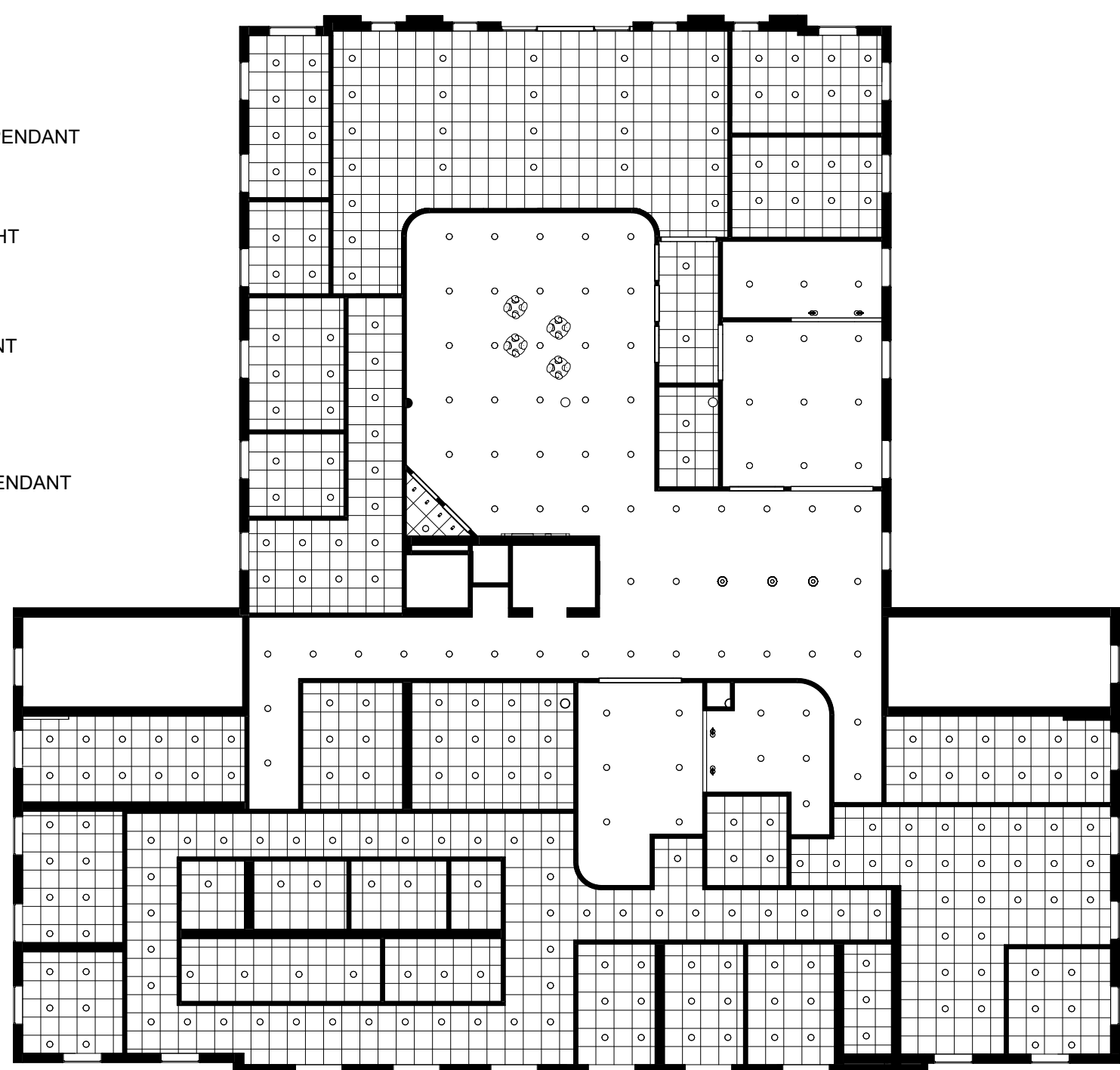


PT Exercise Area

Reflected Ceiling Plans



First Floor



Second Floor

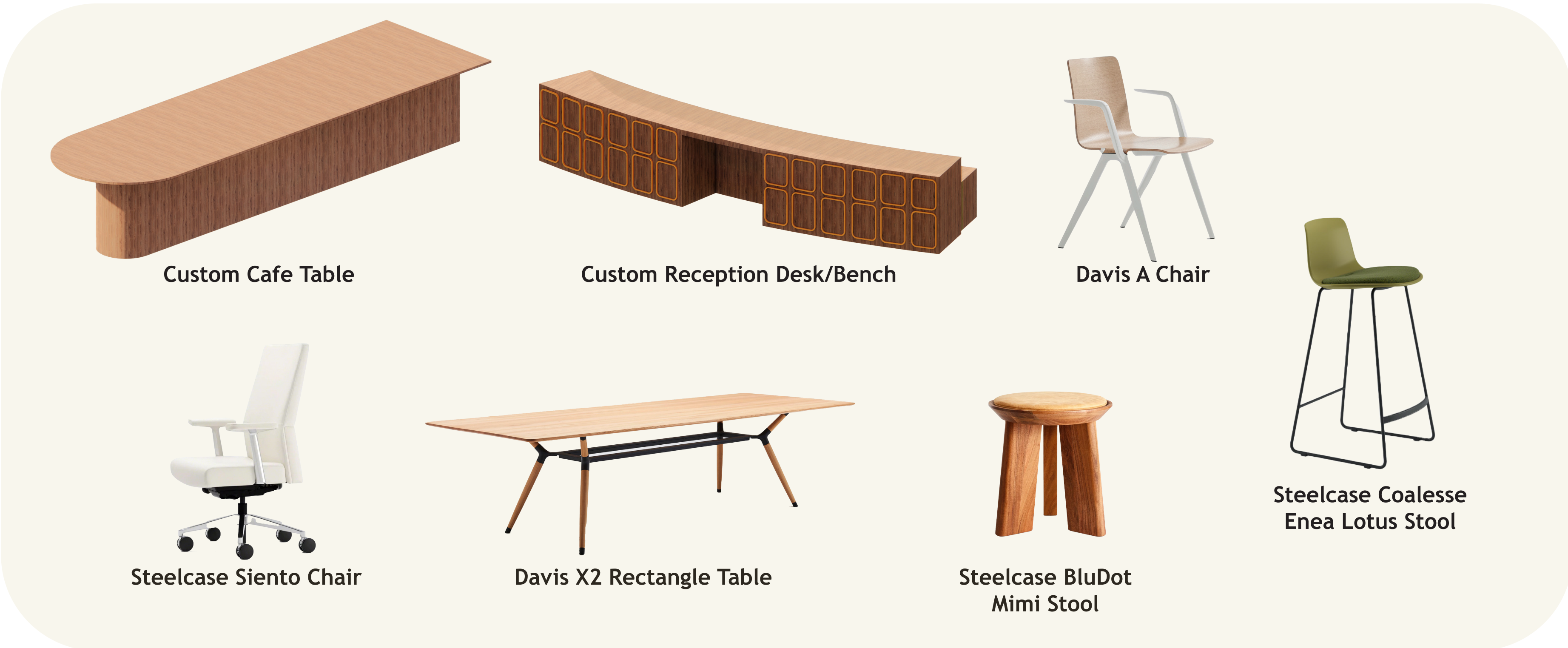
RCP LEGEND

- CIRCLE DOWNLIGHT
- IRIS PENDANT
- T-LIGHT LINEAR PENDANT
- TUBO TRACK LIGHT
- PIPELINE PENDANT
- PEBBLE HELIX PENDANT
- VALE PENDANT

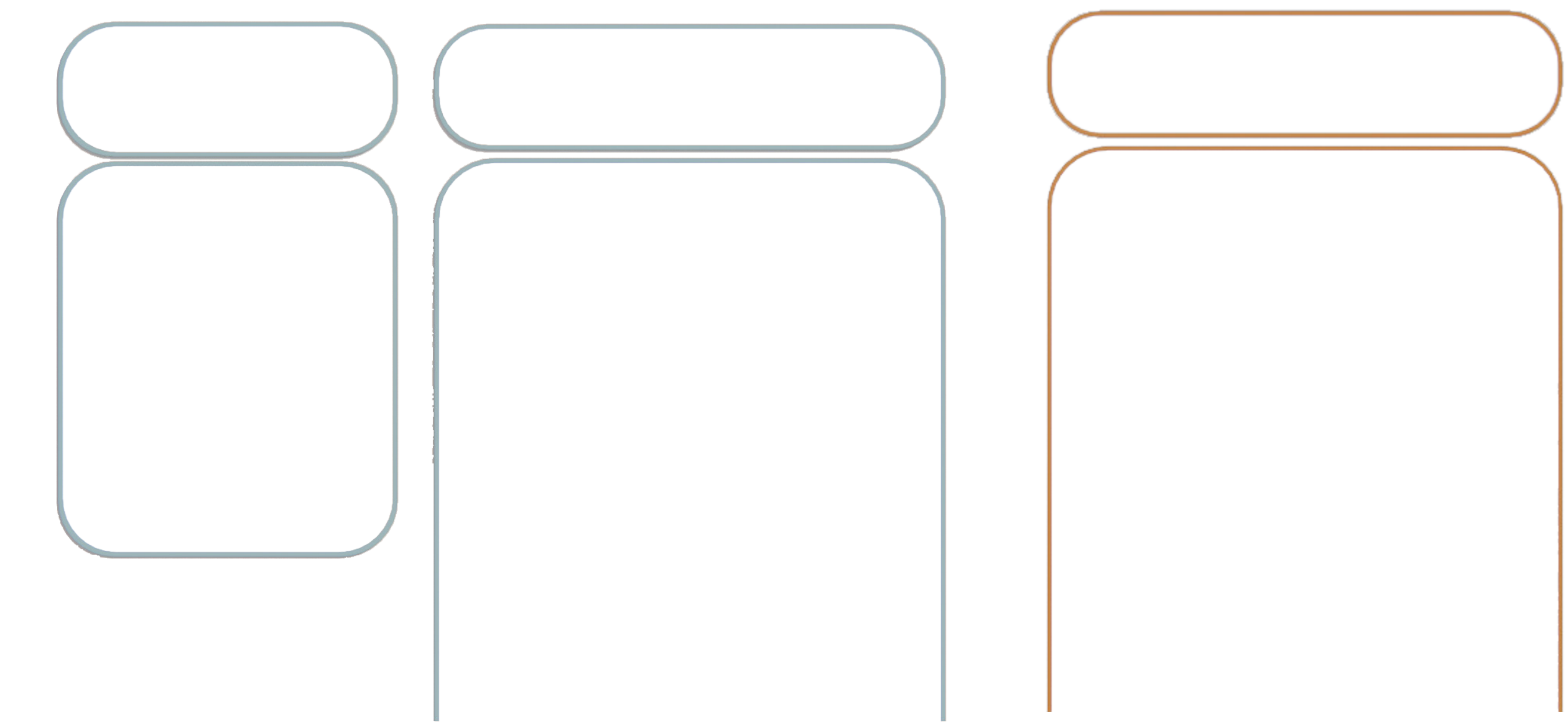
Lighting Selections



Furniture Selections



Materials



Medium Window Physical Therapy

PT Archway Physical Therapy

Clinic Archway Student Health Clinic



Open Art Studio