

STUDIO I | PROJECT 1 | STUDENT WORK



Modular Design

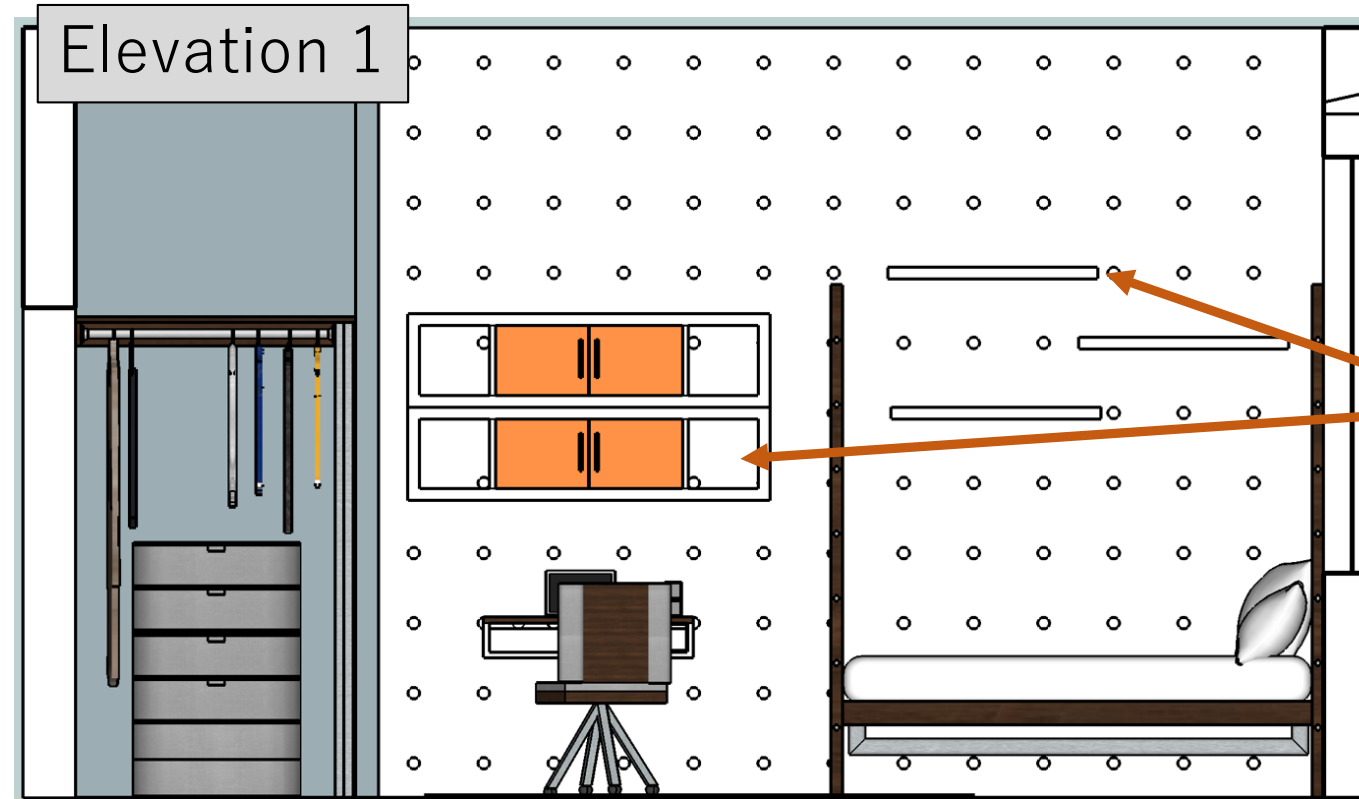
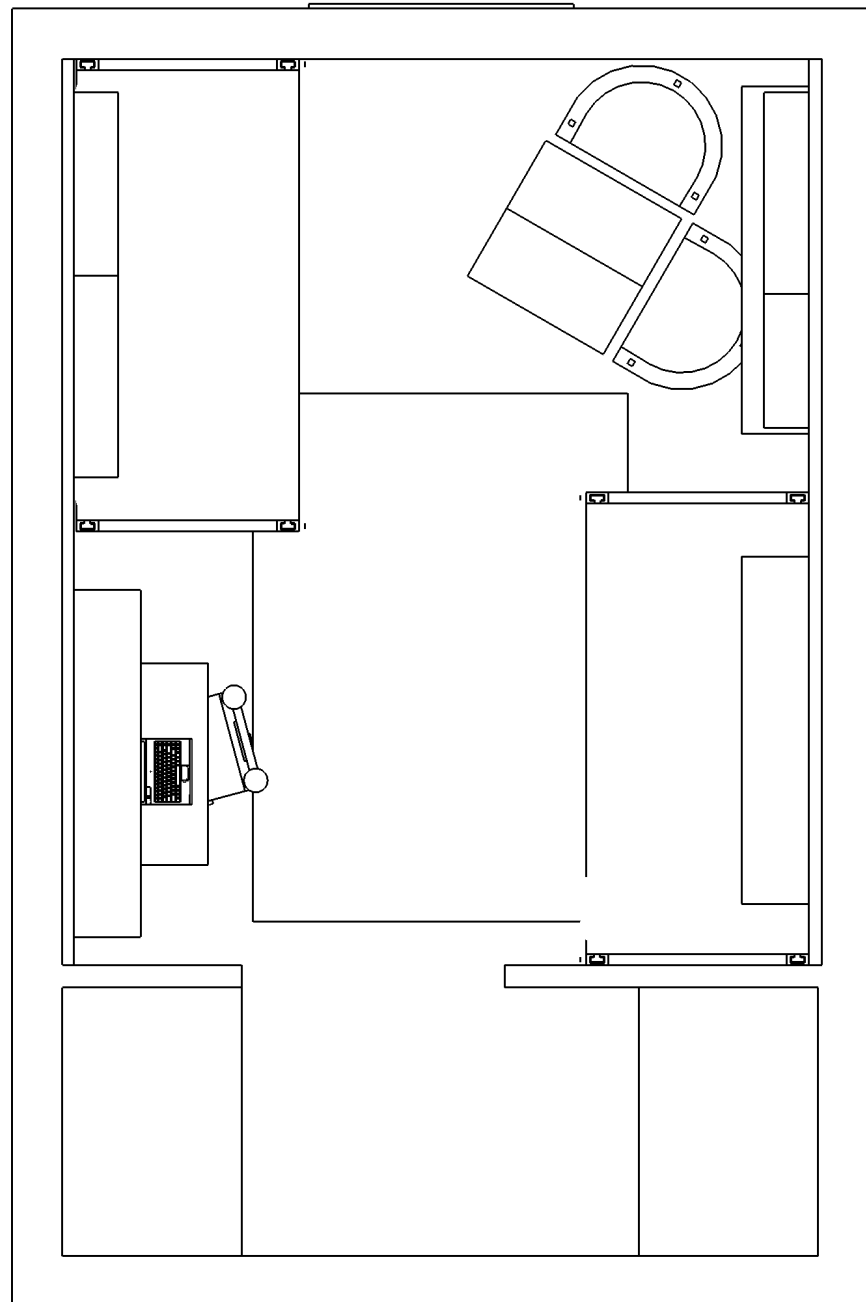
Modular Design, which is inspired by the functions of Williams Hall, is the foundation for this dorm room design.

The modular design in this dorm room allows students to create a space of their own. With a peg board wall and many storage components, the modular arrangements are many. This allows the students to make a space for privacy and community in their dorm room. This ownership and control gives the students customizability in an area where personal space is necessary. The possibilities are endless to how the dorm rooms can be arranged.





Views

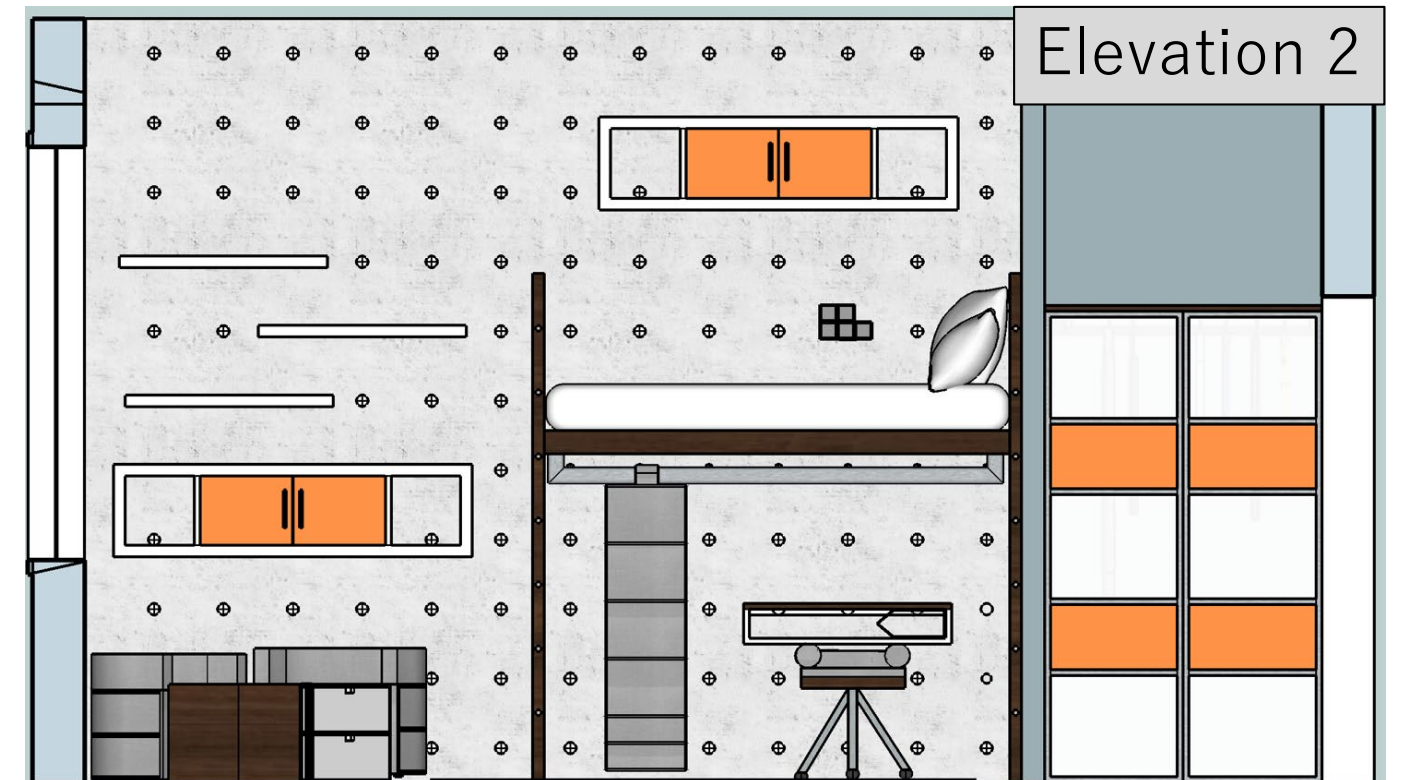


Shelving

Open shelving and closed shelving allows for private storage or open storage when desired.

Layout

The layout for this design room is completely versatile and can be reconfigured to suit the user's needs.



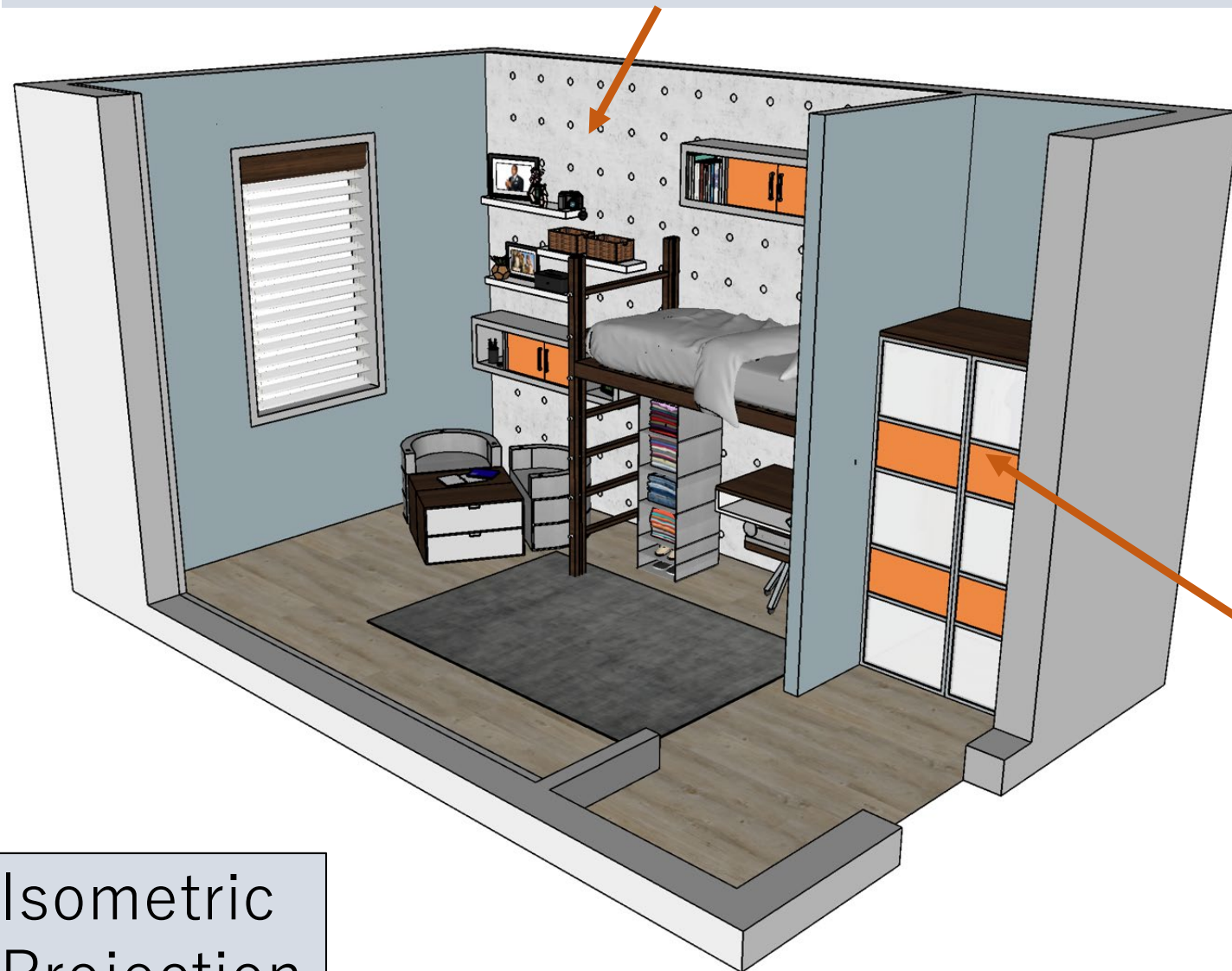
Elevation 2



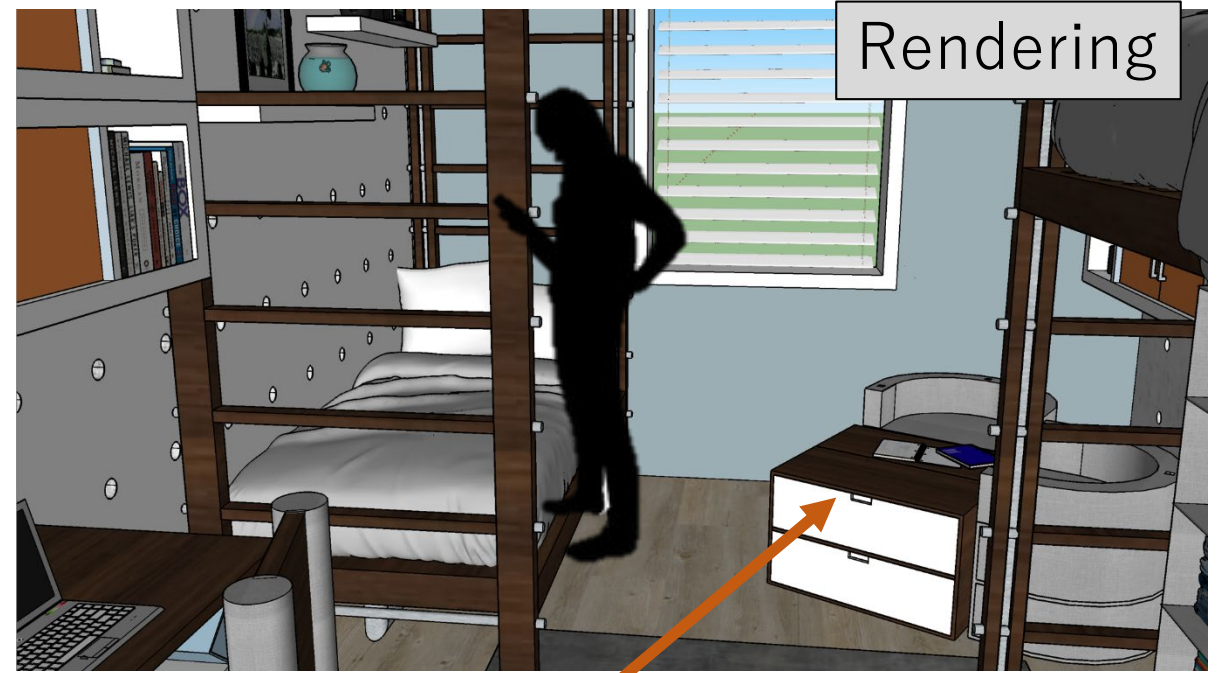
Views

Versatile Wall

The peg board style wall creates versatility and allows for the ultimate form of personalization, while creating a means for disabled individuals, as well as people of varying sizes, to have a more convenient space.



Isometric
Projection



Rendering

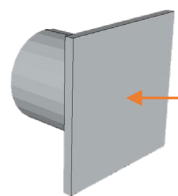
Community by Configuration

By allowing for a study area in our configuration, we create a sense of community while still providing the option for the furniture pieces to be reconfigured to suit singular use.

Privacy

Retractable folded sliding doors on the closet create privacy, while still allowing for space, due to the elimination of a door that relies on swinging open.

Living Art is a set of five smart LED cubes designed to be easily placed anywhere on the modular wall structure. With so much visual stimuli passing by our eyes every day thanks to social media, many people are finding that committing to static pieces of artwork is more difficult than ever. Described as “living art”, this modular system of energy-efficient LED cubes is fully customizable, and can be controlled by remote or smartphone app. While the vast majority of LED bulbs require a standard A19 fixture to screw into, Living Art needs only open wall or desk space and a bit of imagination.



The magnetic piece that connects to the modular cubes

LIVING ART LUMINAIRE

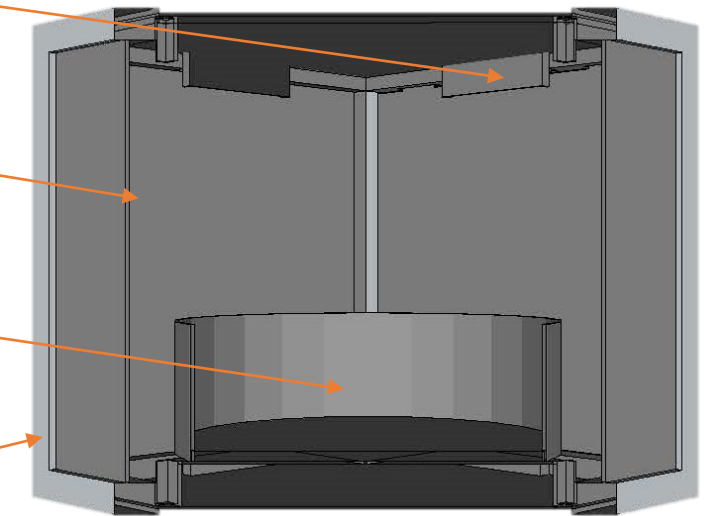


Magnet inserts embedded into the structural frame

Double-sided Mylar make up the faces of the cube

LED puck light insert to keep the light in place

3D printed structure in a chrome finish



Chromed piping on the frame of each translucent cube conducts low voltage electricity that transmits a current without shocking you. Since the frame transfers electricity, only the first cube needs to be plugged into a wall. To connect the modular luminaire to the peg board wall, we have created a magnetic piece that inserts into the wall. The technology could not be physically incorporated into the printed 3D printed model, so we created a structure to demonstrate the same effect. LED puck lights are nestled in the interior of the cube, along with magnets built into each side of the structural frame to connect the cubes together. The end result looks like a modern work of art.

