

## The Organization

## The Problem

## The Solution

### Ideation

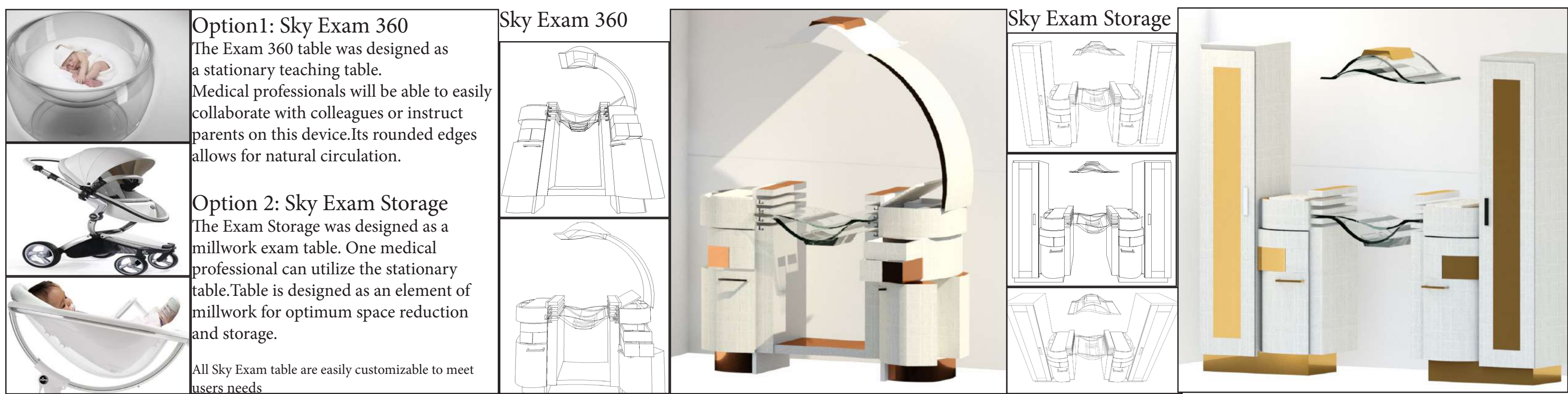


Little Angels of Honduras is a not for profit organization whose mission is to reduce infant mortality in Honduras. Little Angels of Honduras aims to assist with the provision of optimal conditions for pregnancy.

Honduras has the third highest infant mortality rate in the western hemisphere. In 2012 the rate was 20 deaths per 1,000 live births. Even though most of the births occurring in the country are hospitalized, the few neonatal intensive care units that the country has lack space to facilitate the number of infants being born. Not only is space an issue, but outdated/limited equipment has restricted the skilled staff and their abilities to save lives.

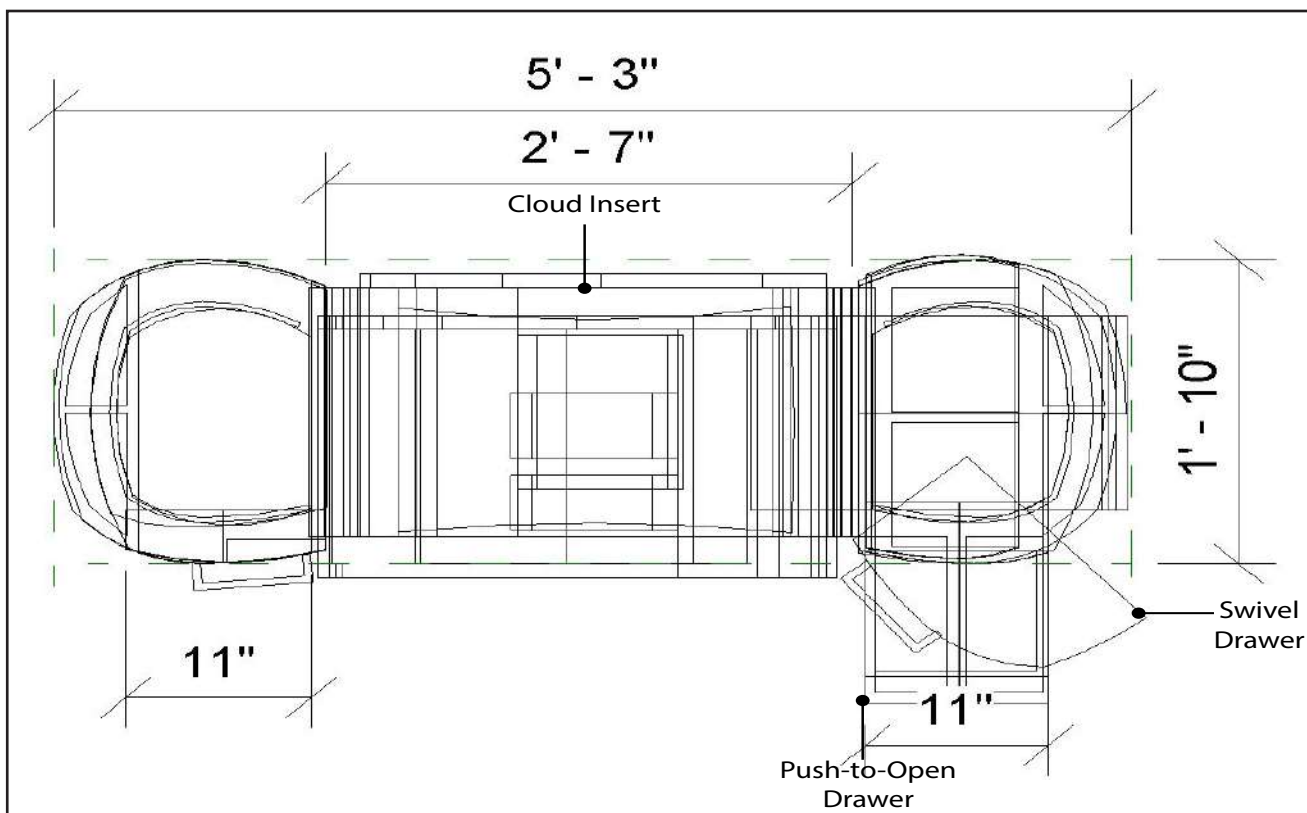
Rochester Institute of Technology Interior Design Senior Class has come up with three design solutions in hopes of addressing the problem. Students were tasked with creating a NICU addition/learning center for the Escuela Hospital. In addition to creating more space in the country's most active birthing hospital, Students were also asked to develop design concepts for an infant medical examination table and a mobile medical unit. The infant examination table was designed in hopes to assist medical professionals in efficiently serving the needs of their patients. The mobile medical unit was designed to bring infant medical care to the distant areas of the country.

## Neonatal Exam Table

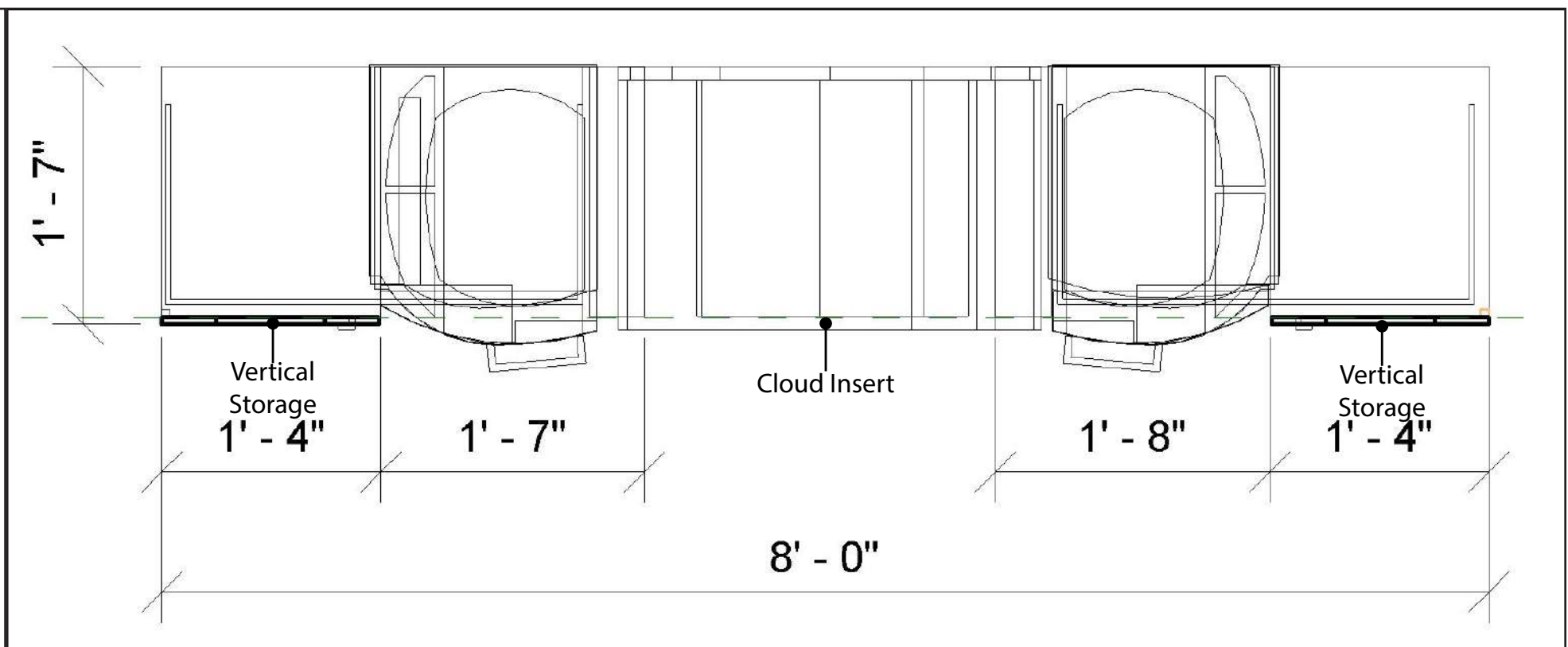


### Sky Exam 360

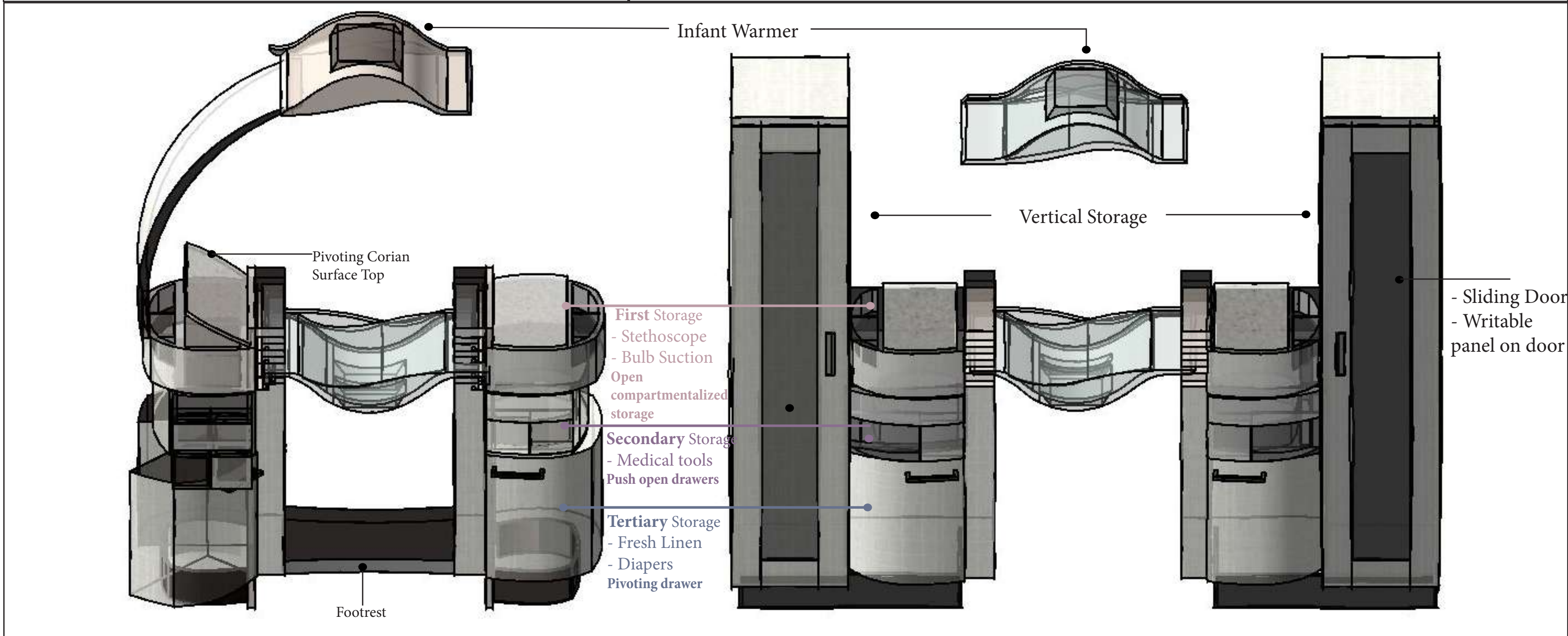
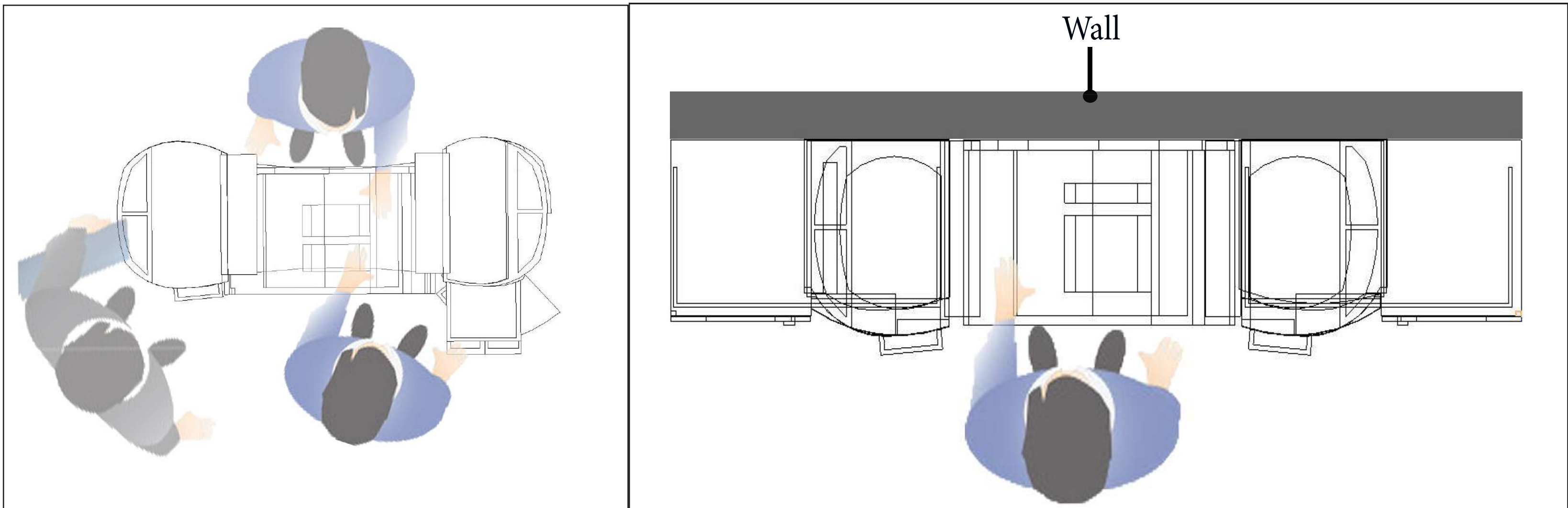
Floorplan



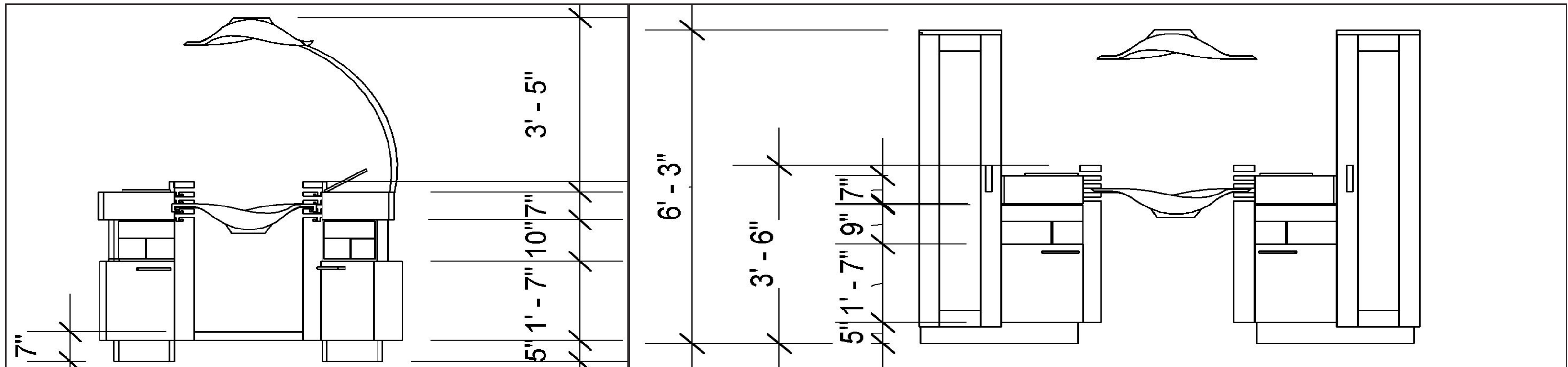
### Sky Exam Storage



Circulation



Elevation

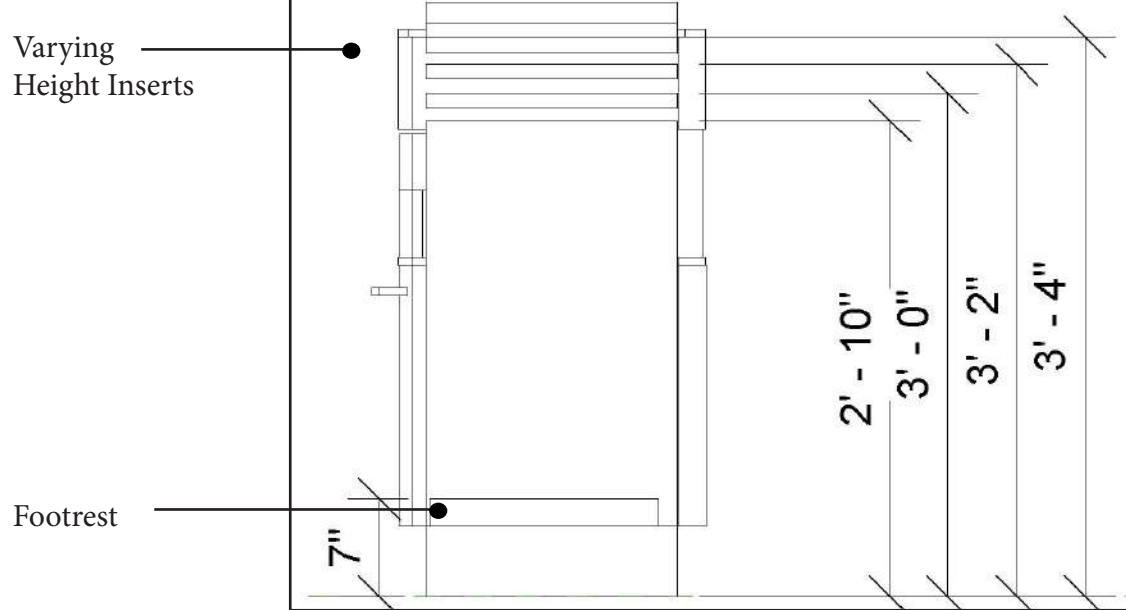


### Ergonomics

Sky exams tables were designed to be ergonomically compatible with all users. The cloud (basinet and scale) is easily adjusted to meet the necessary height of care providers.

The Sky Exam table is complete with a footrest as to provide additional support for care providers; by pivoting on the provided footrest providers will relieve body stress and pressure.

The cloud is designed with natural inflections and inclines in hopes to securely and comfortably swaddle the infant.

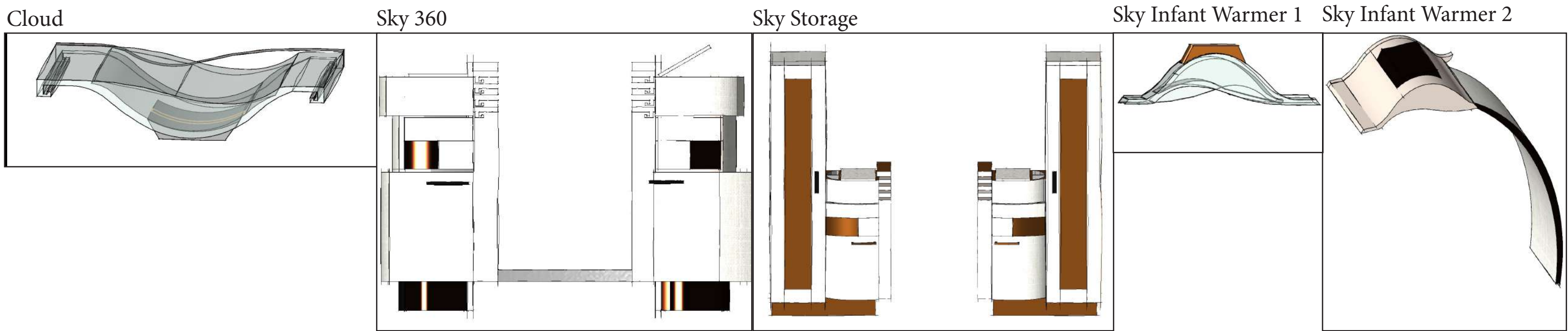


### Product Plan

Sky Exam product line was primarily inspired by Mima luxury baby strollers and high chairs. Mima products are contemporary, modern and elegant. The Mima product line prides itself on **customizability** and **durability**.



### Mix and Match | Customize



### Materiality





The Concept

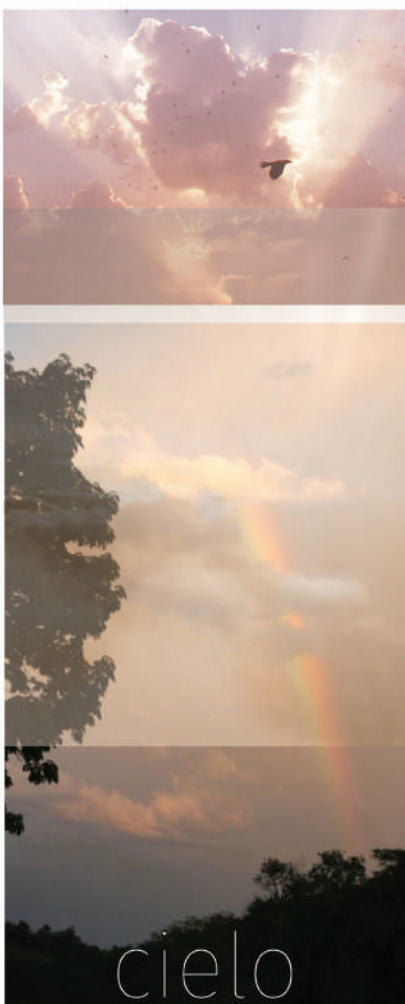
El Cielo (The Sky) design solutions will be a place of restoration for mom and baby. For many people the sky can symbolize hope or empowerment. The true beauty of the sky is it natural ability to institute equality, No matter where you're from, what you do, or what you have, we are all gifted with the same gift, the Sky. In the spirit of the sky this design solution will bring design equality and hope for its users.

El Cielo is Hope, Empowerment and Restoration.  
El Cielo is for HER.

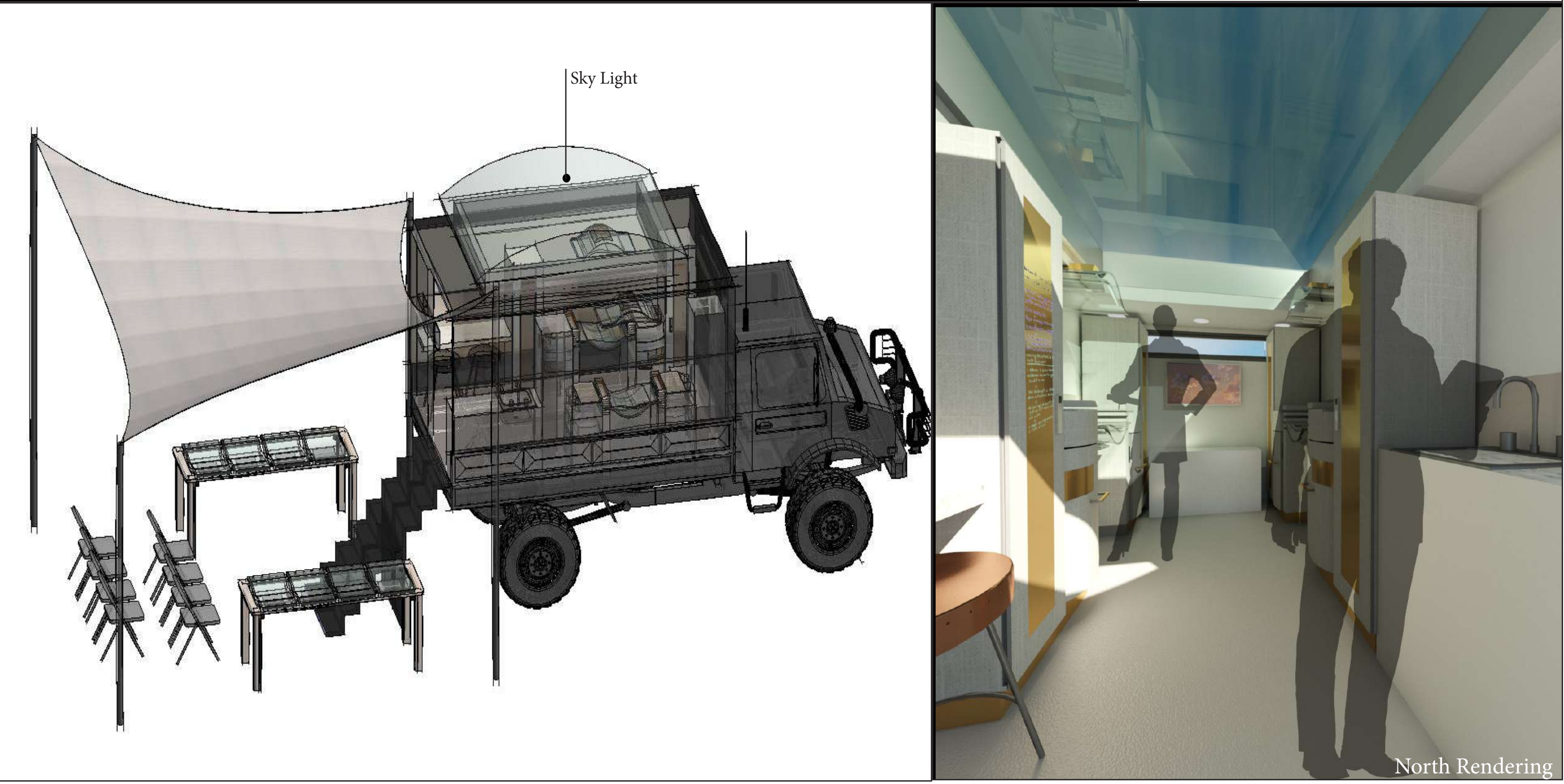
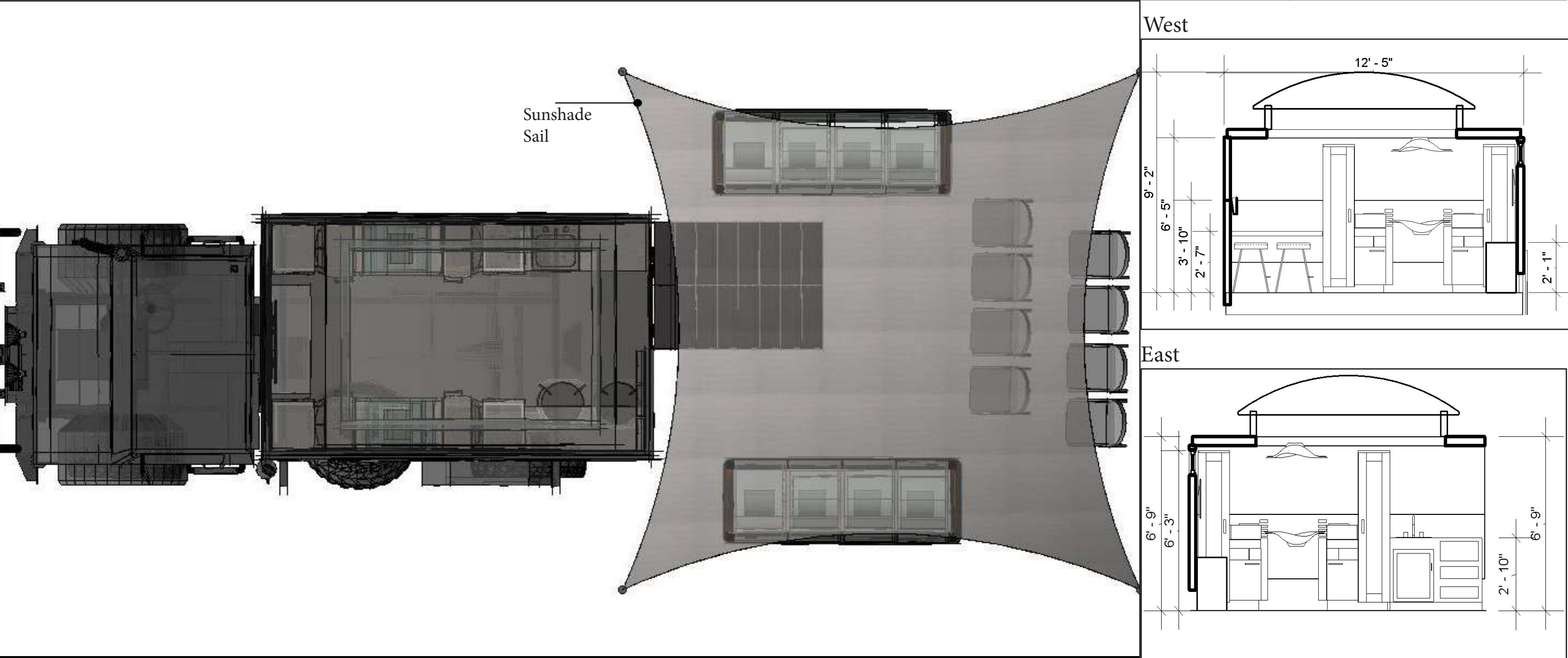
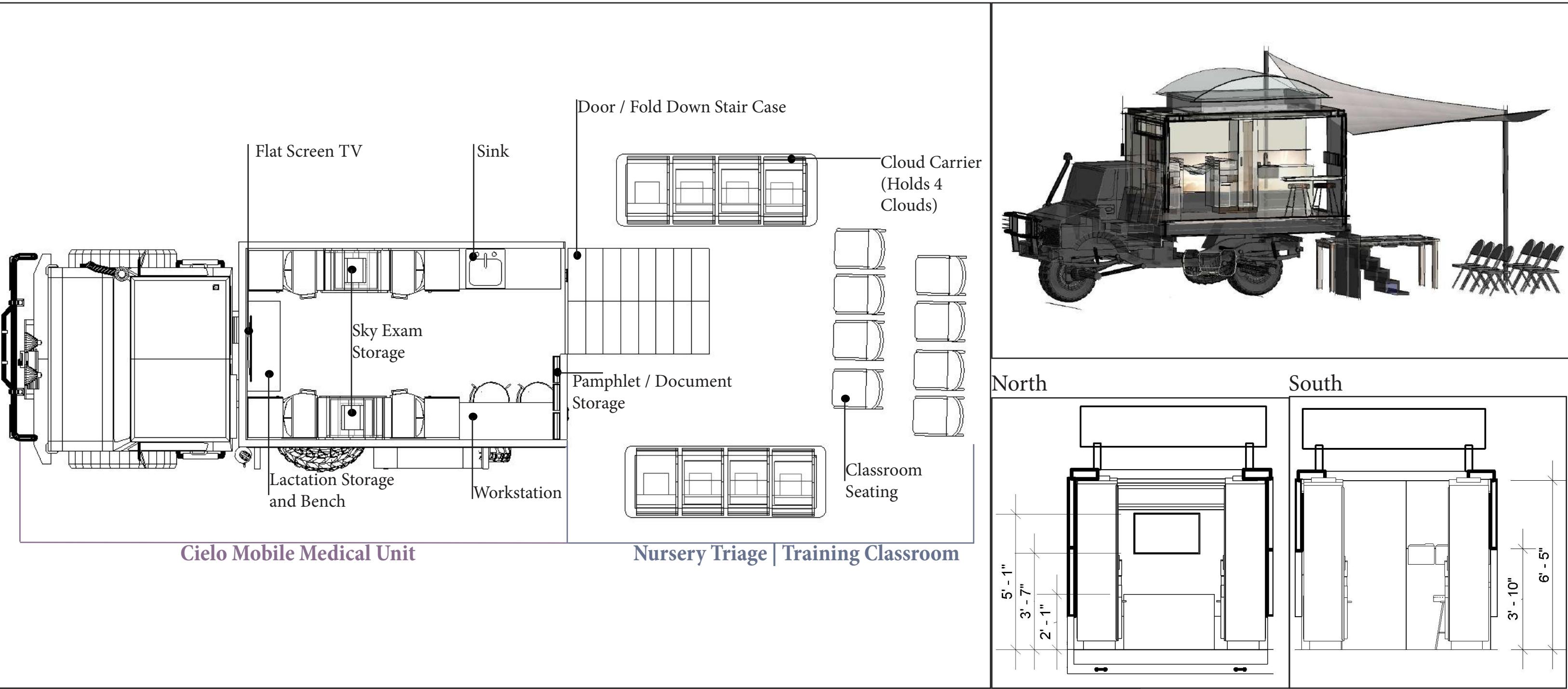
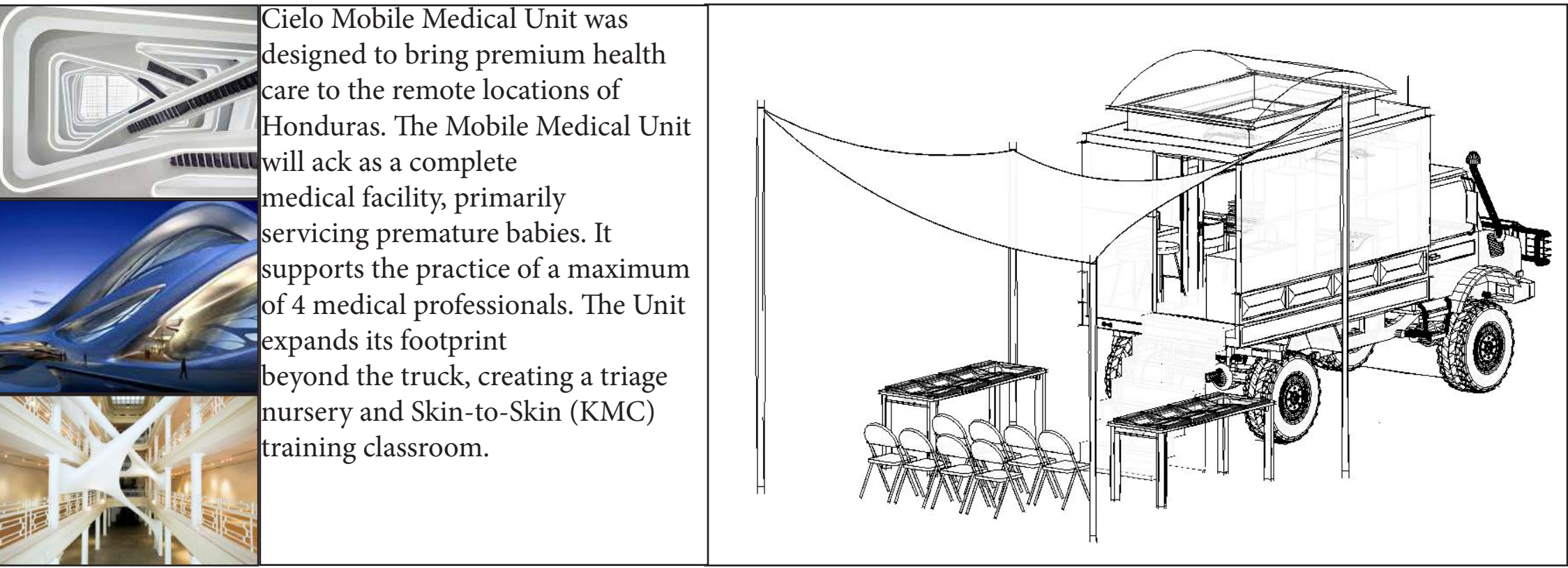
Cielo | Sky

Hope  
Empowerment  
Restoration

Mood Board



Mobile Medical Unit



The Process

All medical Professional will assist in the assembly of the Triage / Classroom Area

(Stairs, Sunshade Sail, Chairs, Cloud Carriers and Clouds)

One-Two Medical Professional will be able to assist in Triage Area:

- Crowd control
- Collect infants in Cloud Carriers
- Teach Parents healthy parenting habits
- Transport Infants and clouds for exam

Two-Three Medical Professionals will be able to assist in the Mobile Medical Unit:

- Examine Infant
- Administer Lactation
- Privately teach Skin to Skin
- Process Medical information

Materiality



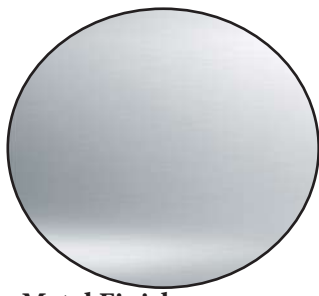
Antimicrobial  
Poured Resin Floor



Corian  
Silver Birch  
-Counter Top



Acrovyn Siding  
Yellow Clouds



Metal Finish  
Stainless Steel  
(Standard)