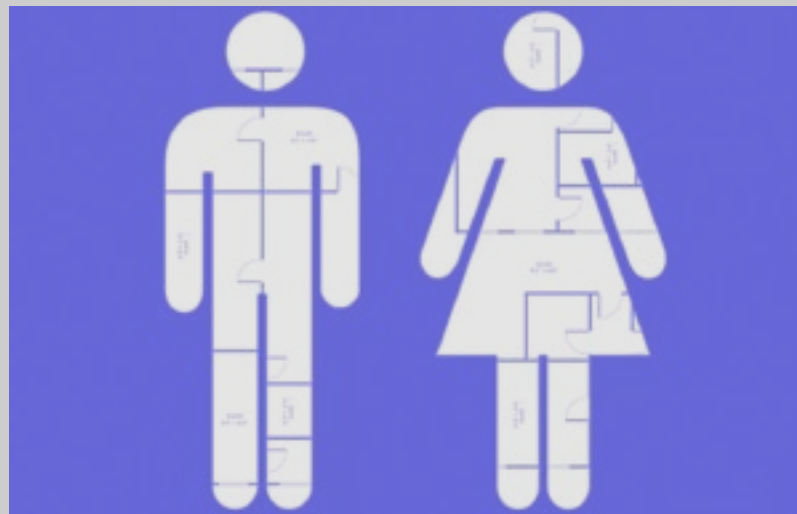
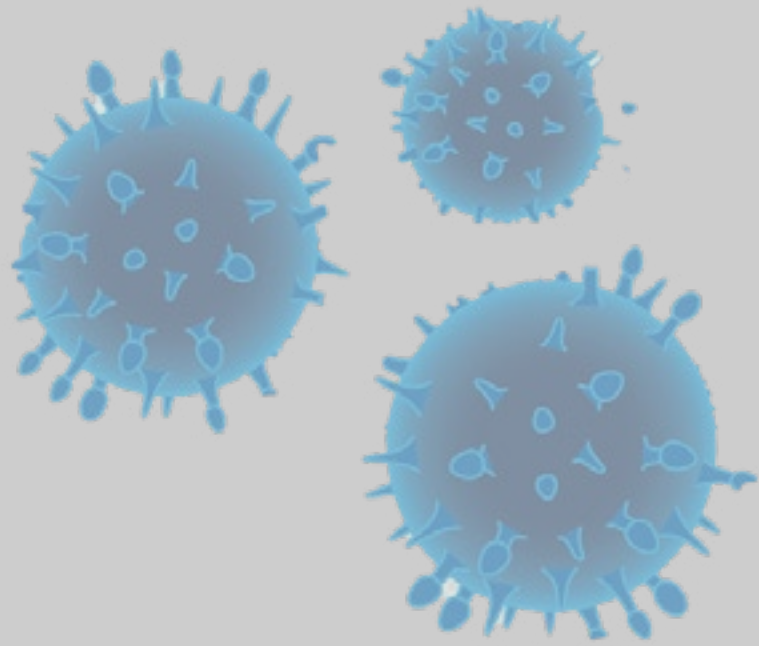


smart stall
×
herringbone system





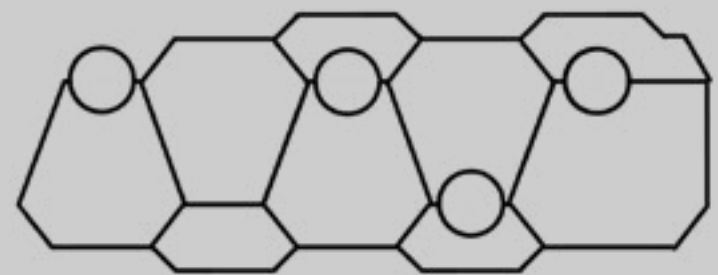
the problem.



public bathrooms..

- are unsanitary
- lack privacy
- unefficient
- gender exclusive

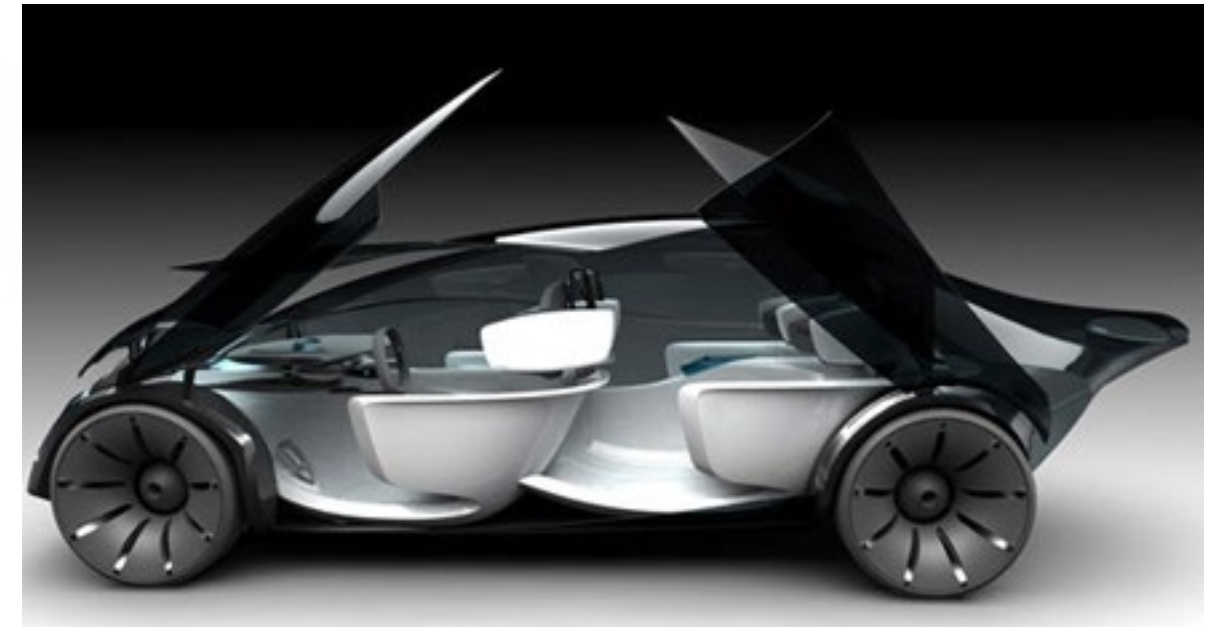
the solution.



- create an environment that gives everyone the privacy they want.
- use UVC light to sanitize bathrooms throughout the day
- design a system that makes bathrooms more efficient
- move closer to a touchless bathroom.



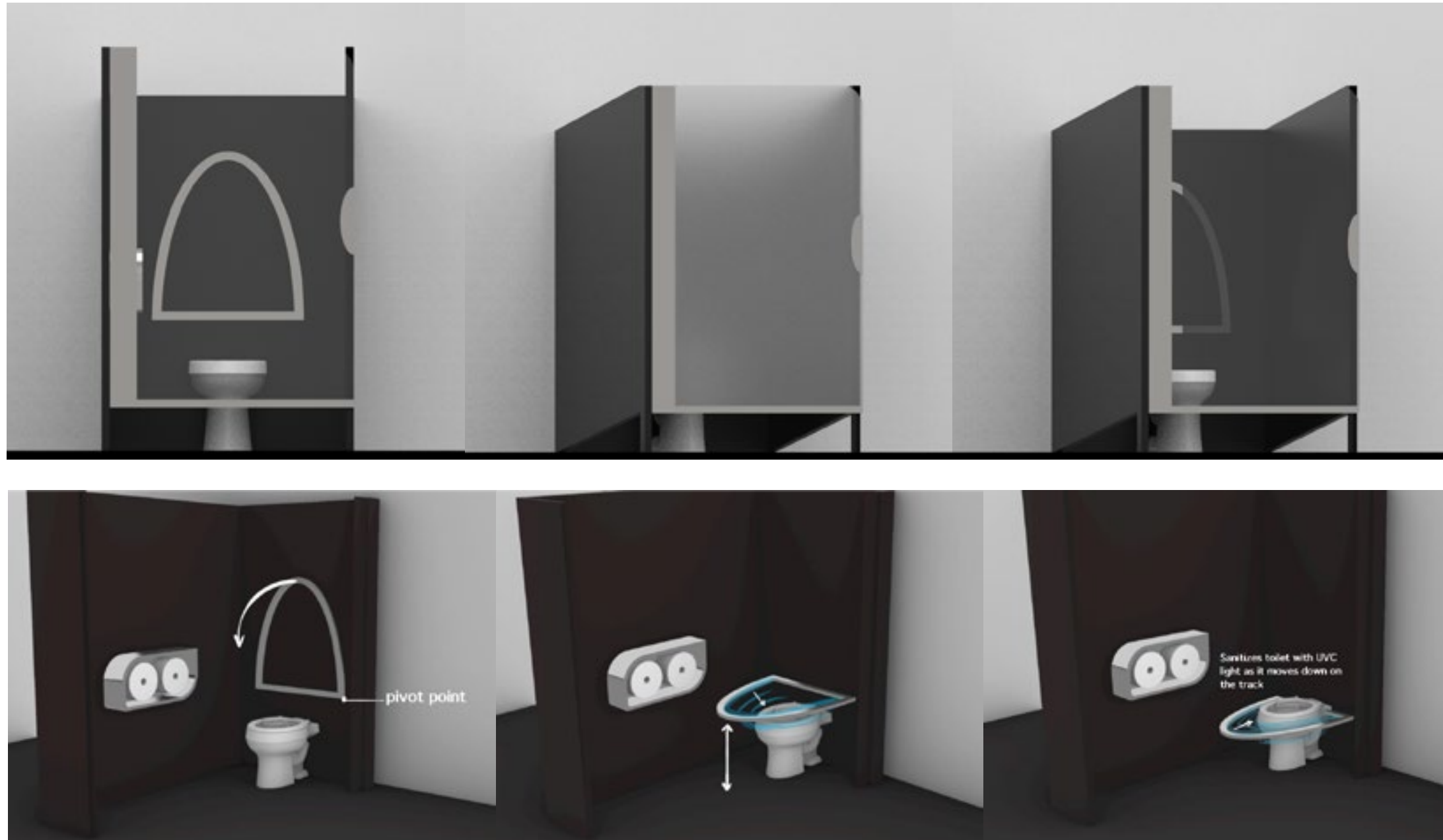
moodboard



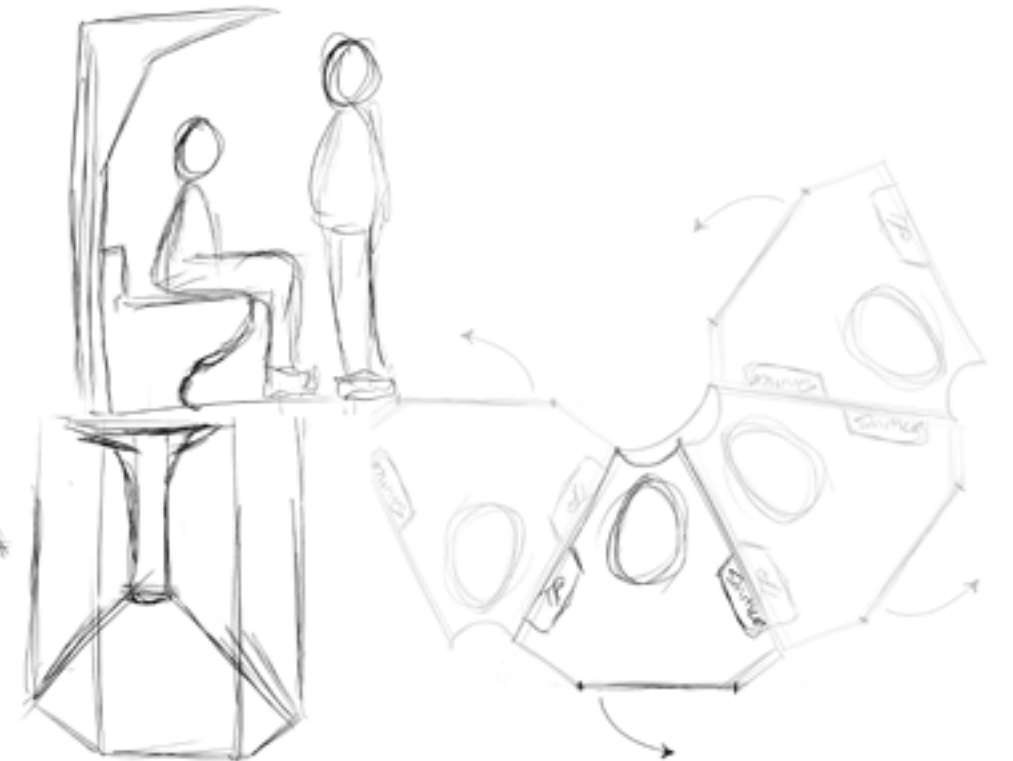
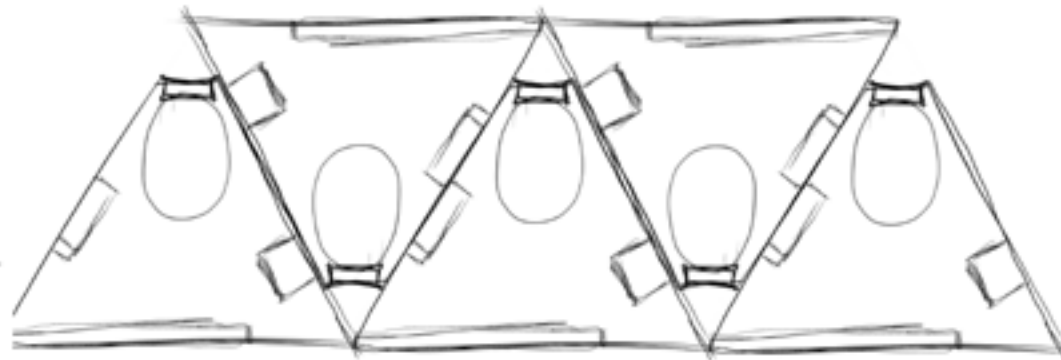
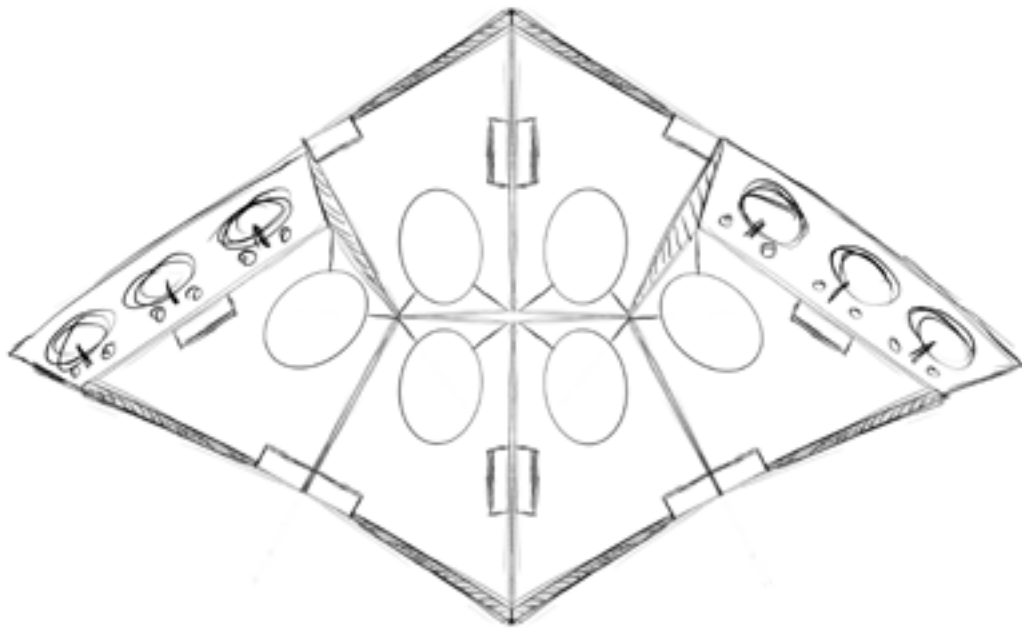
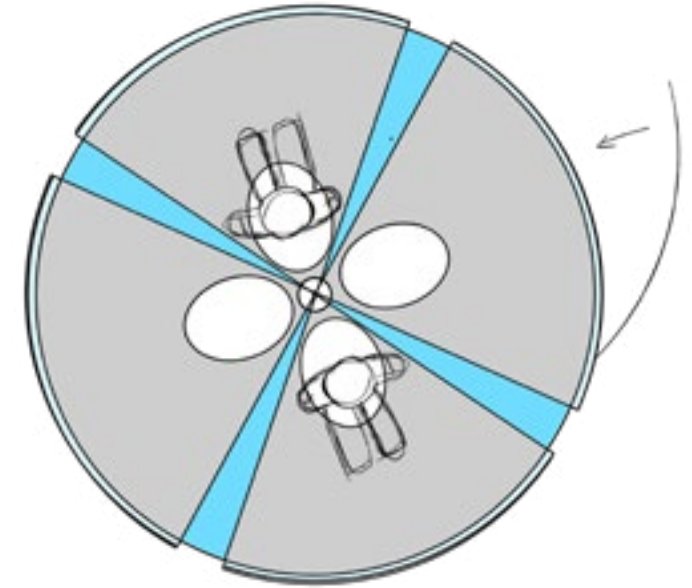
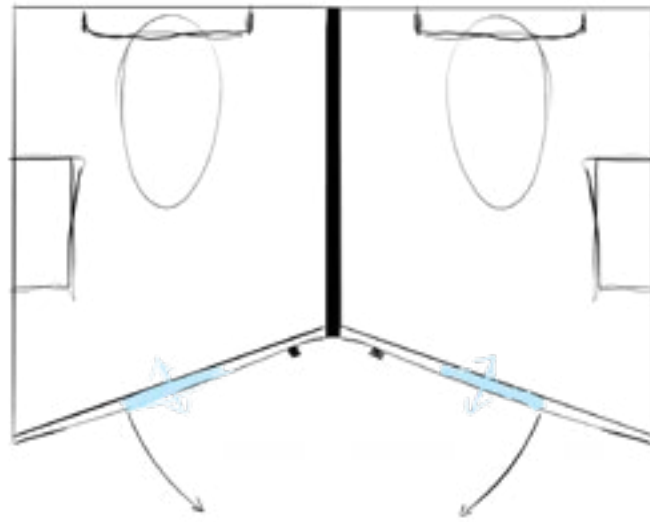
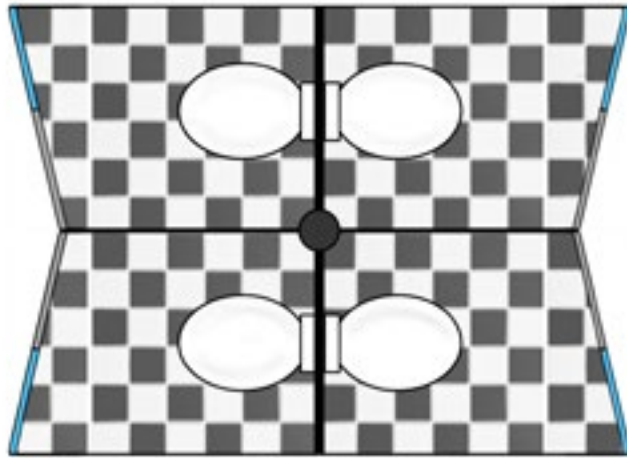
Dustin McDermott - 3rd year - Industrial Design - Dr. Elcioglu

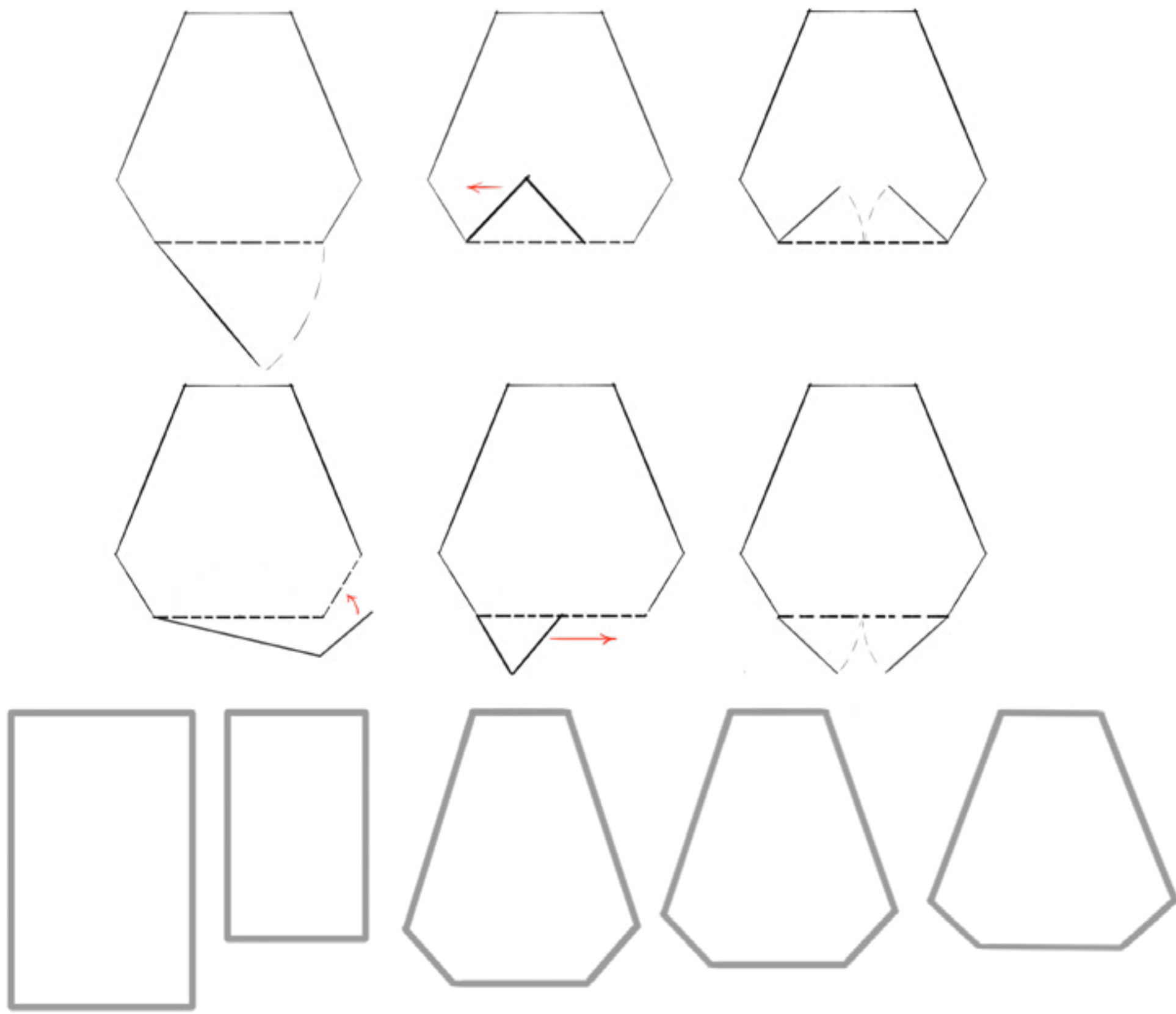


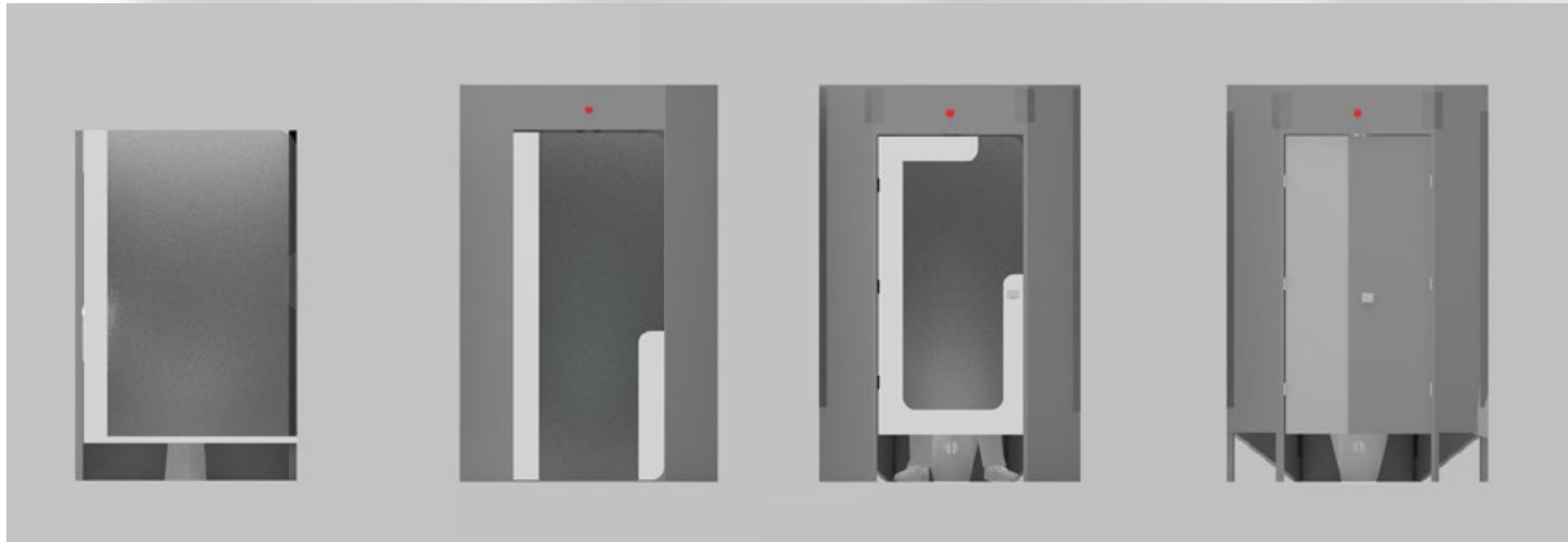
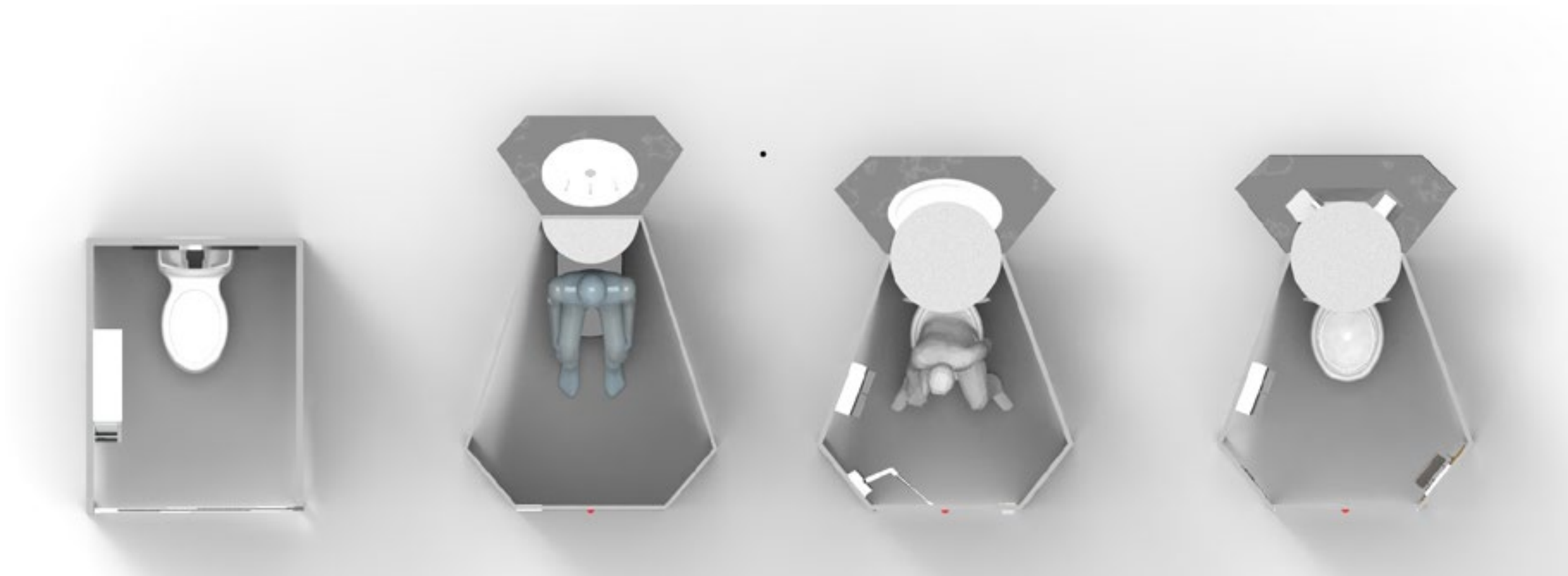
UVC light and smart glass

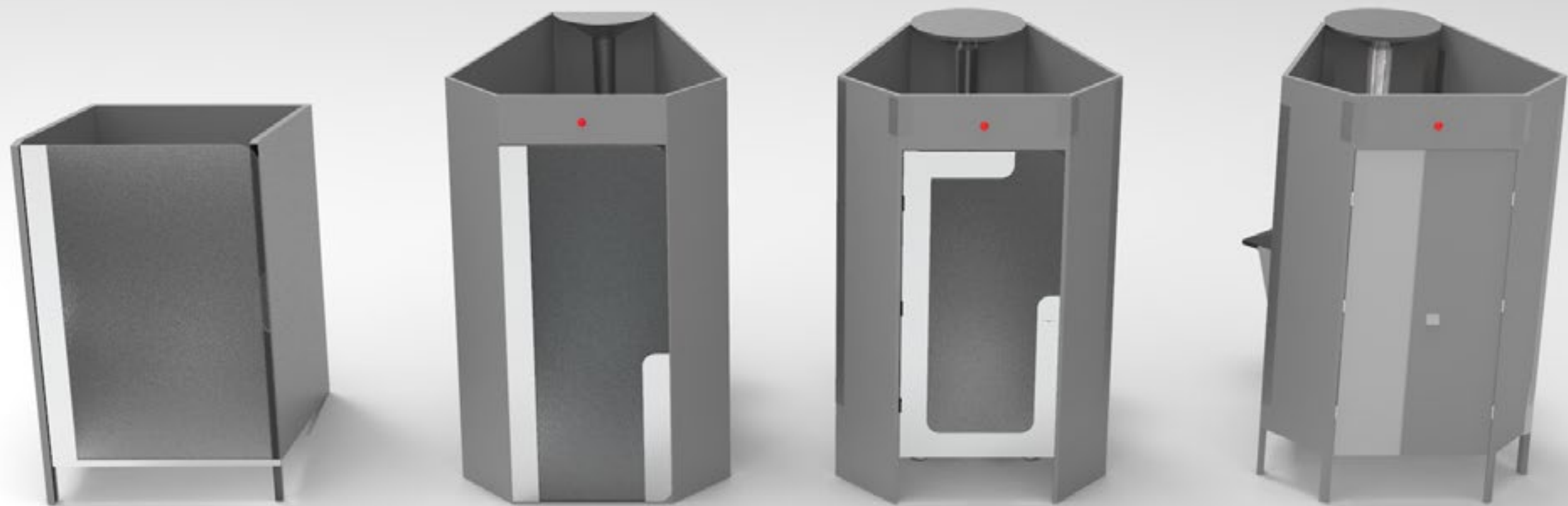


modular stall and geometry study





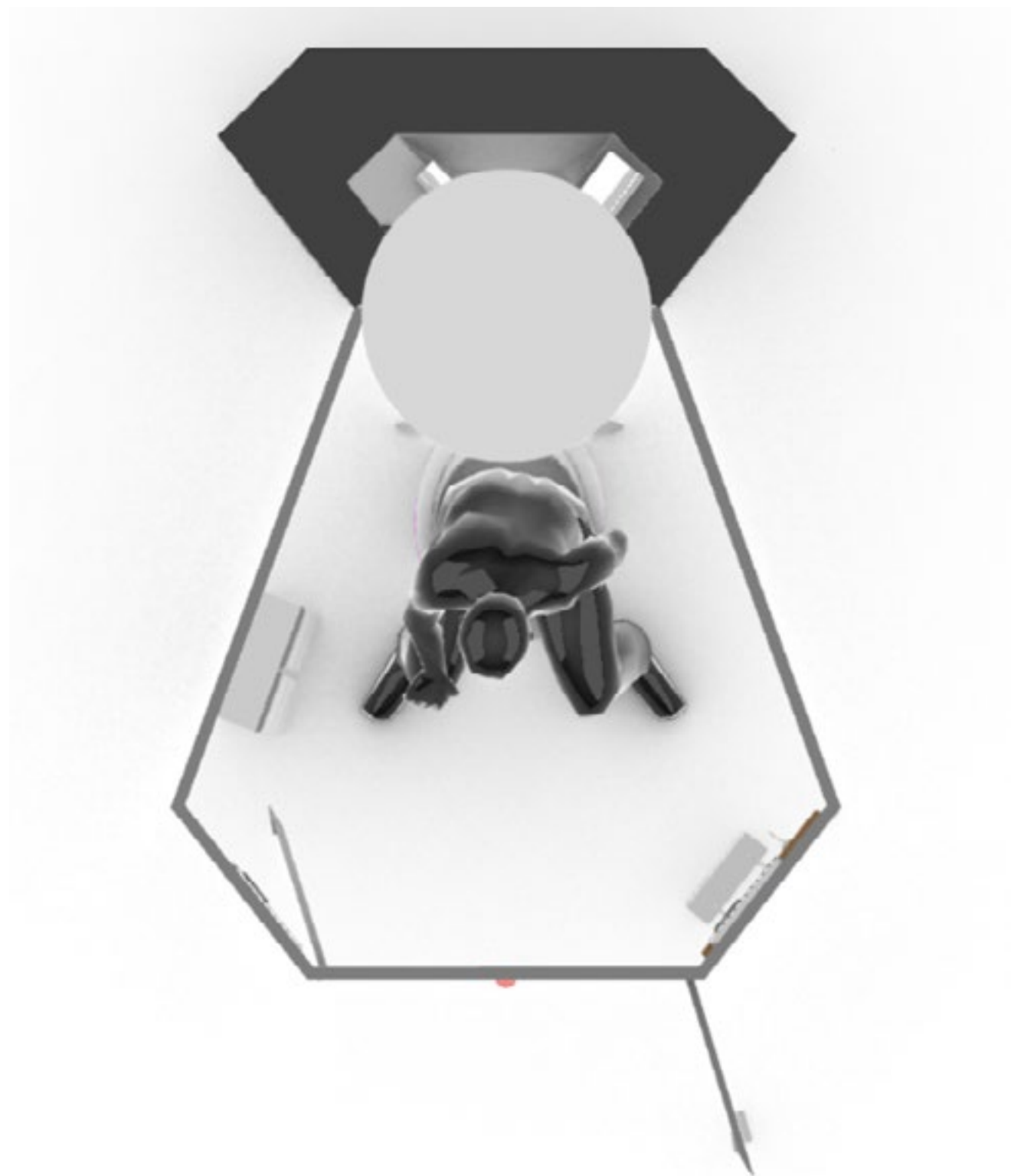


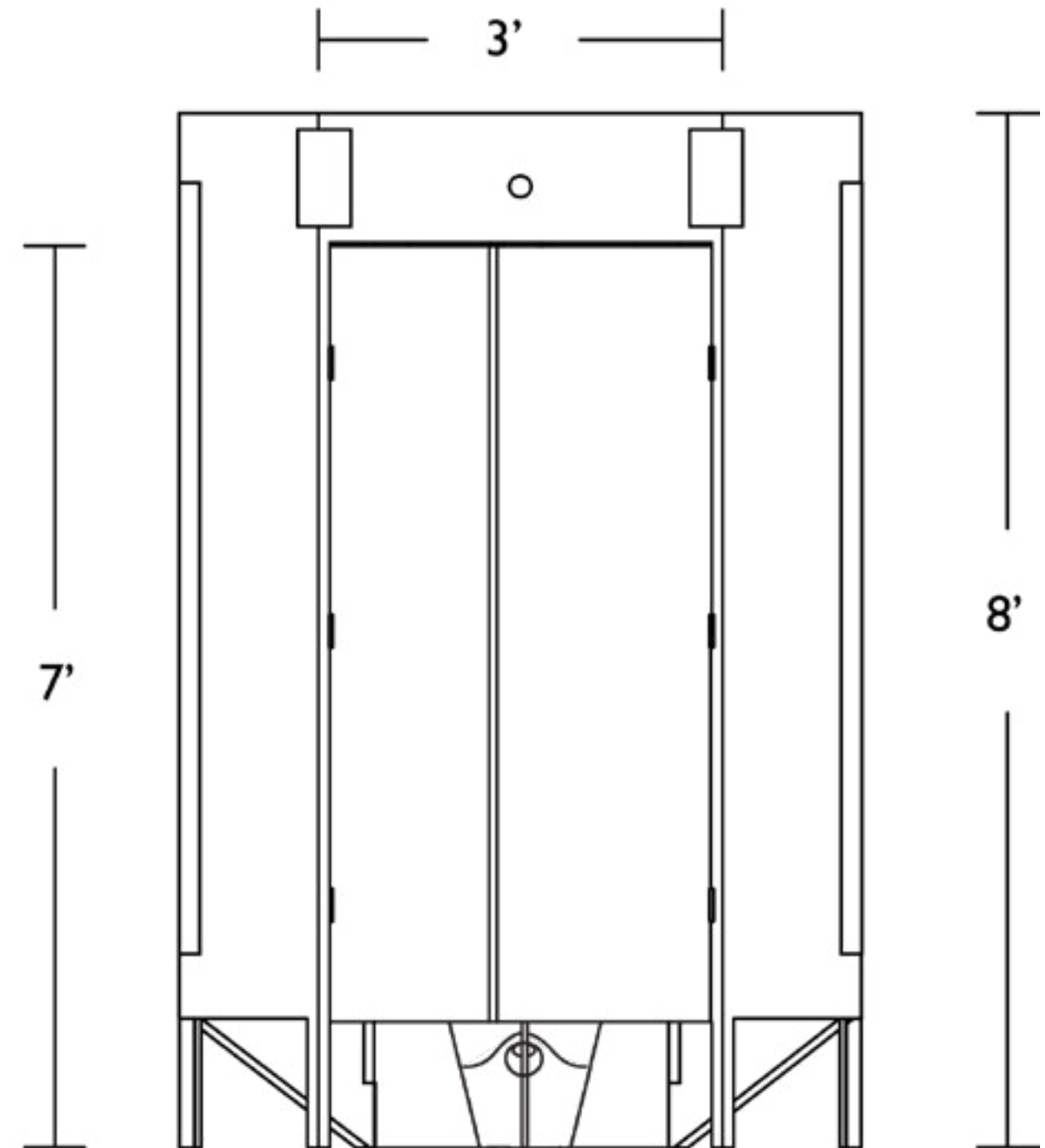
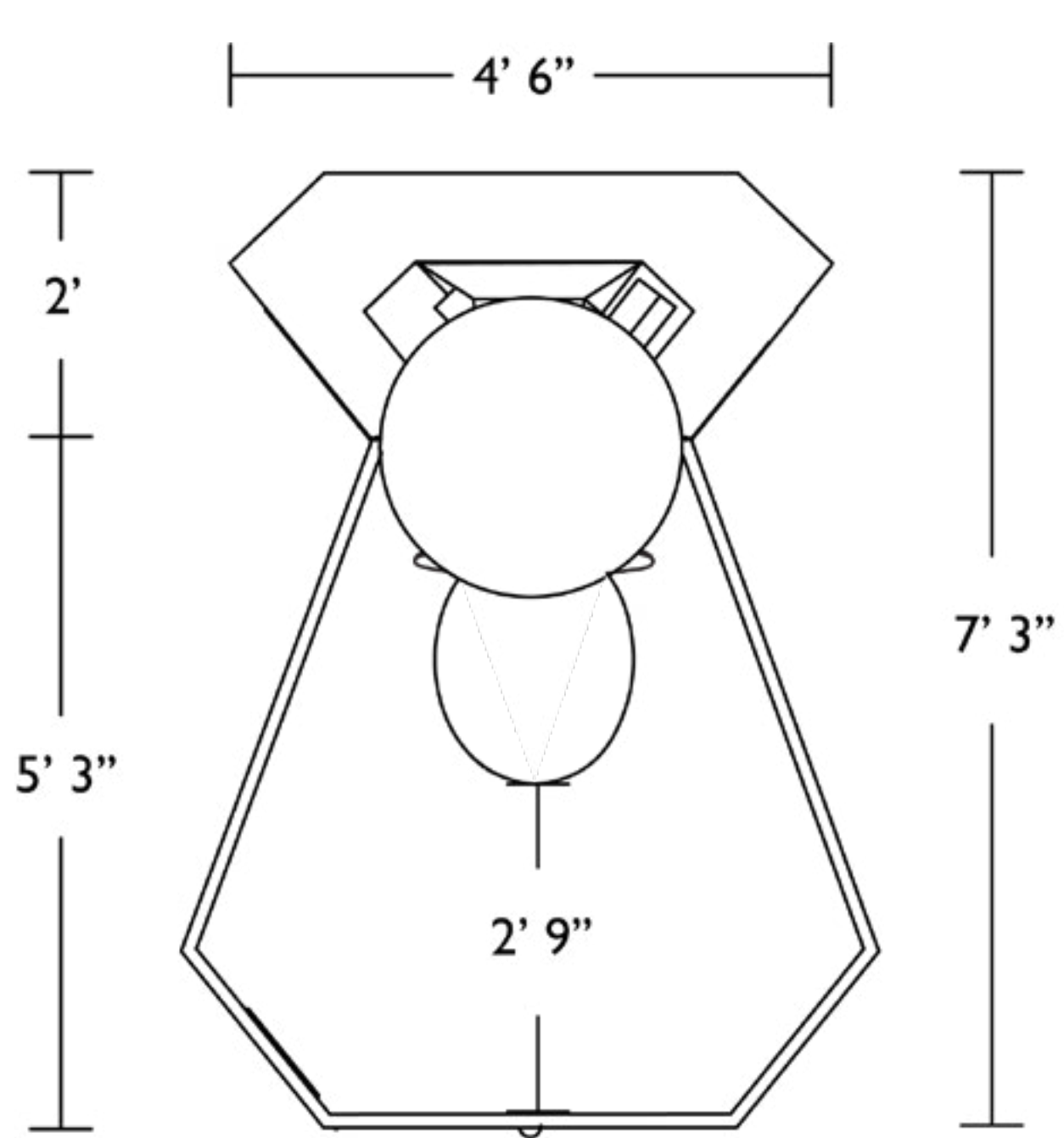




standard

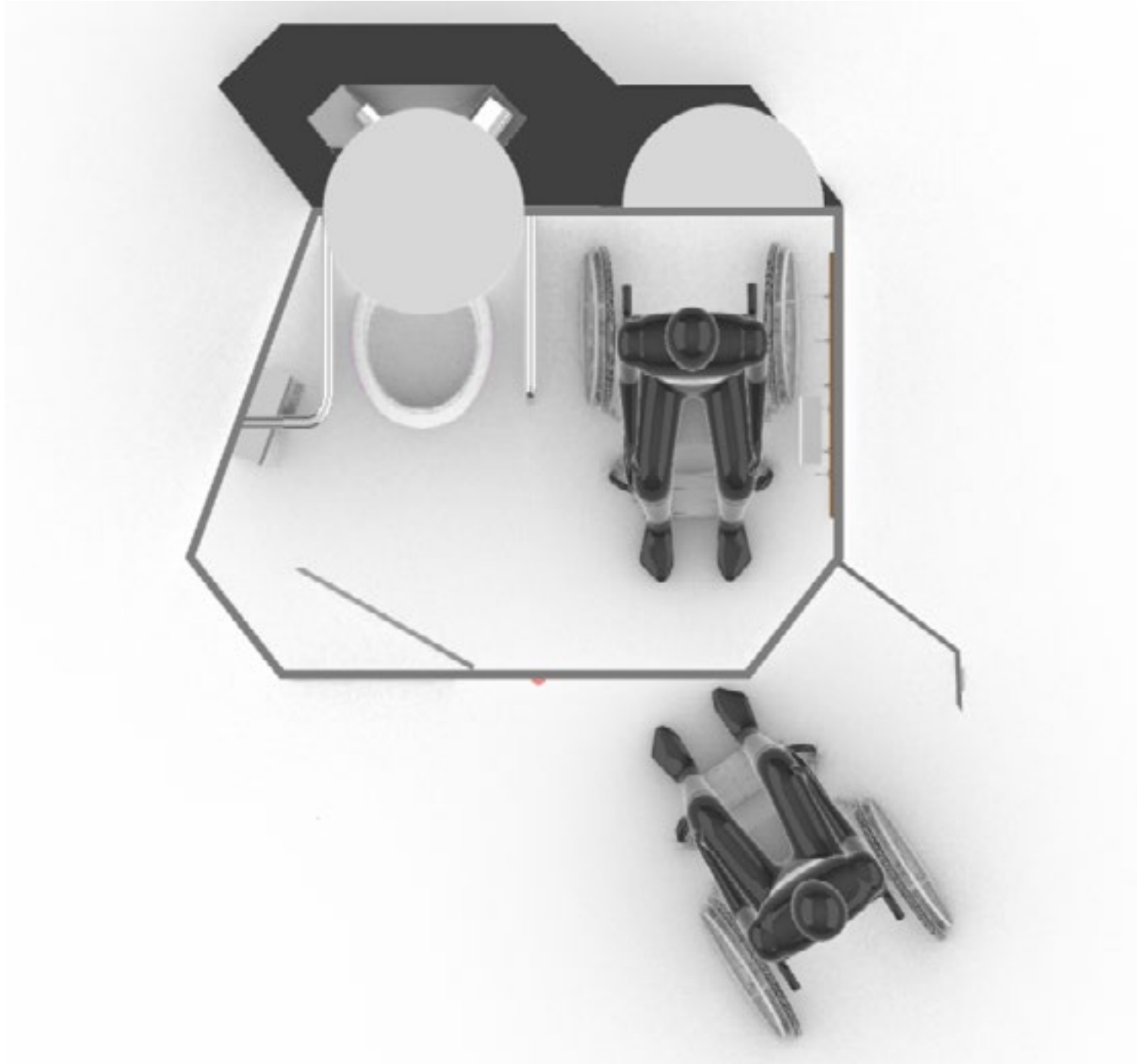


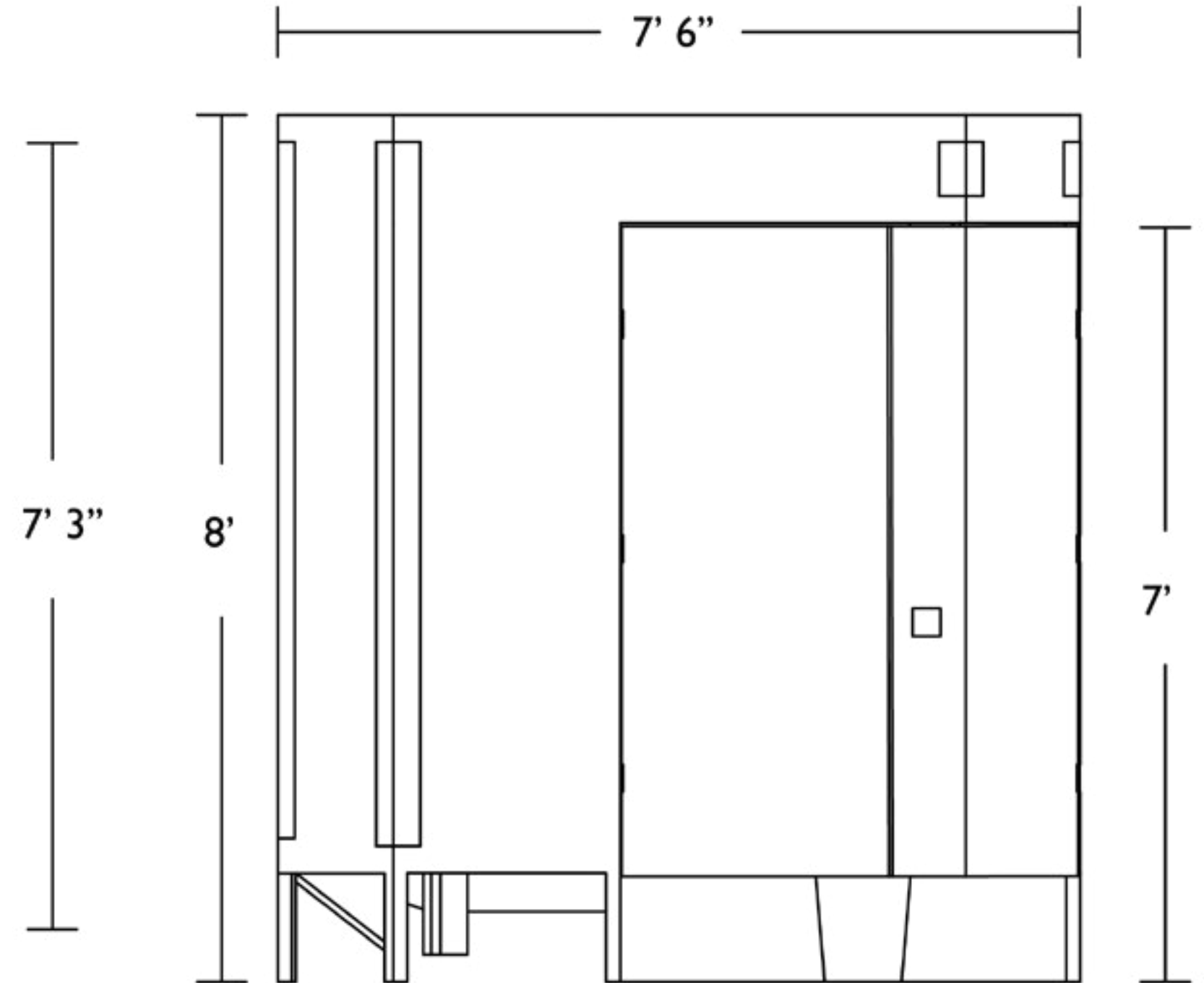
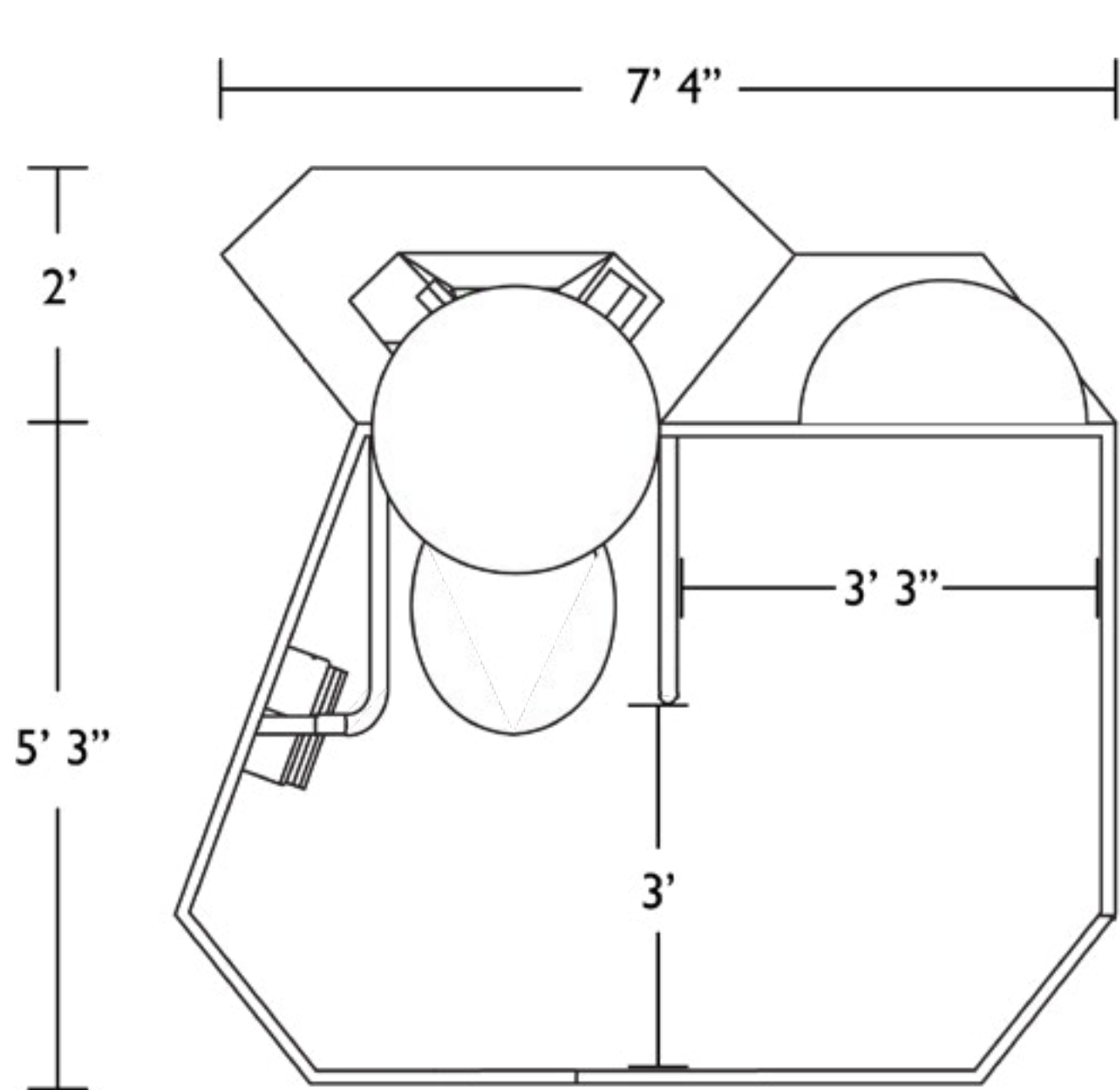




ADA





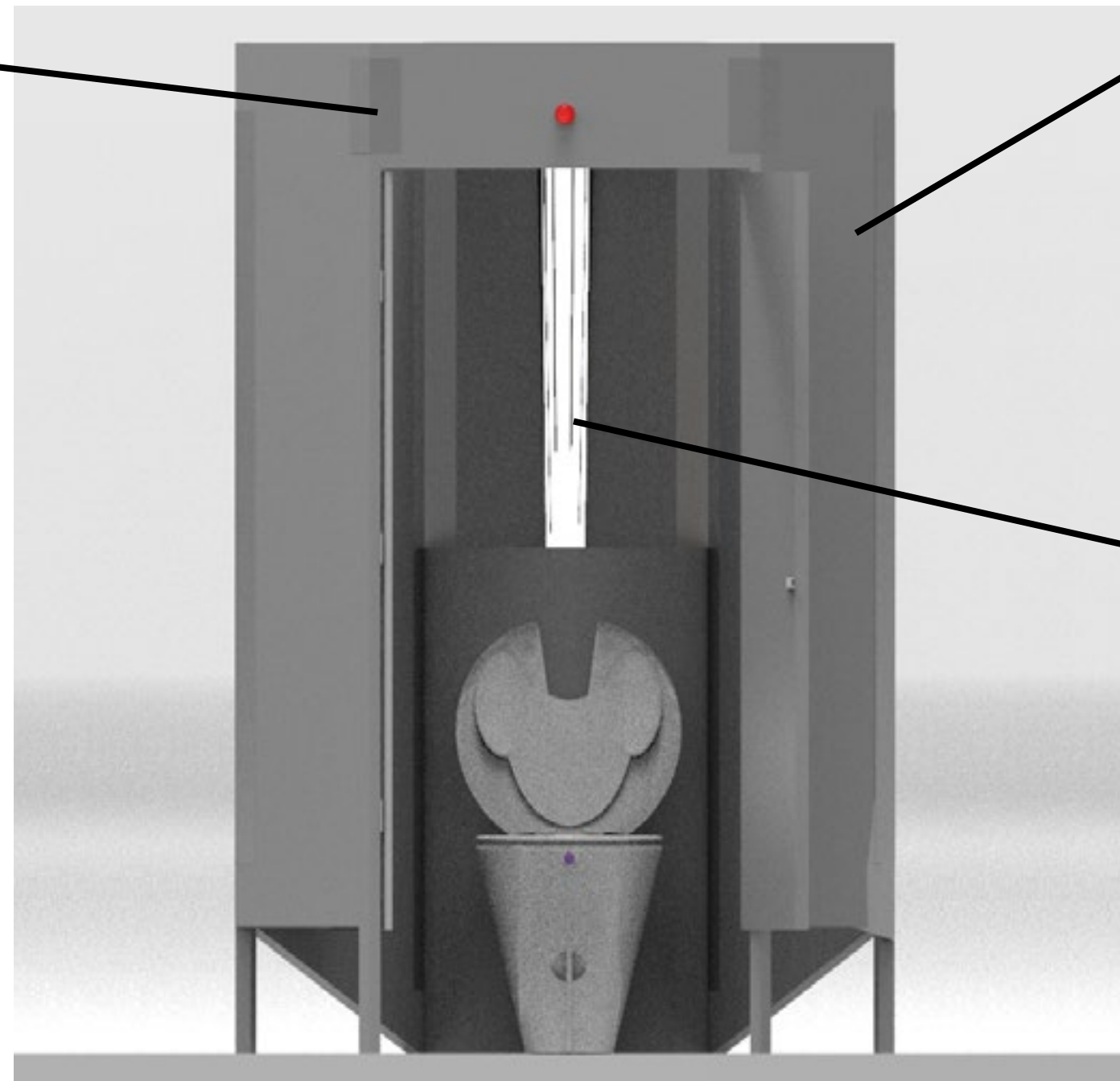


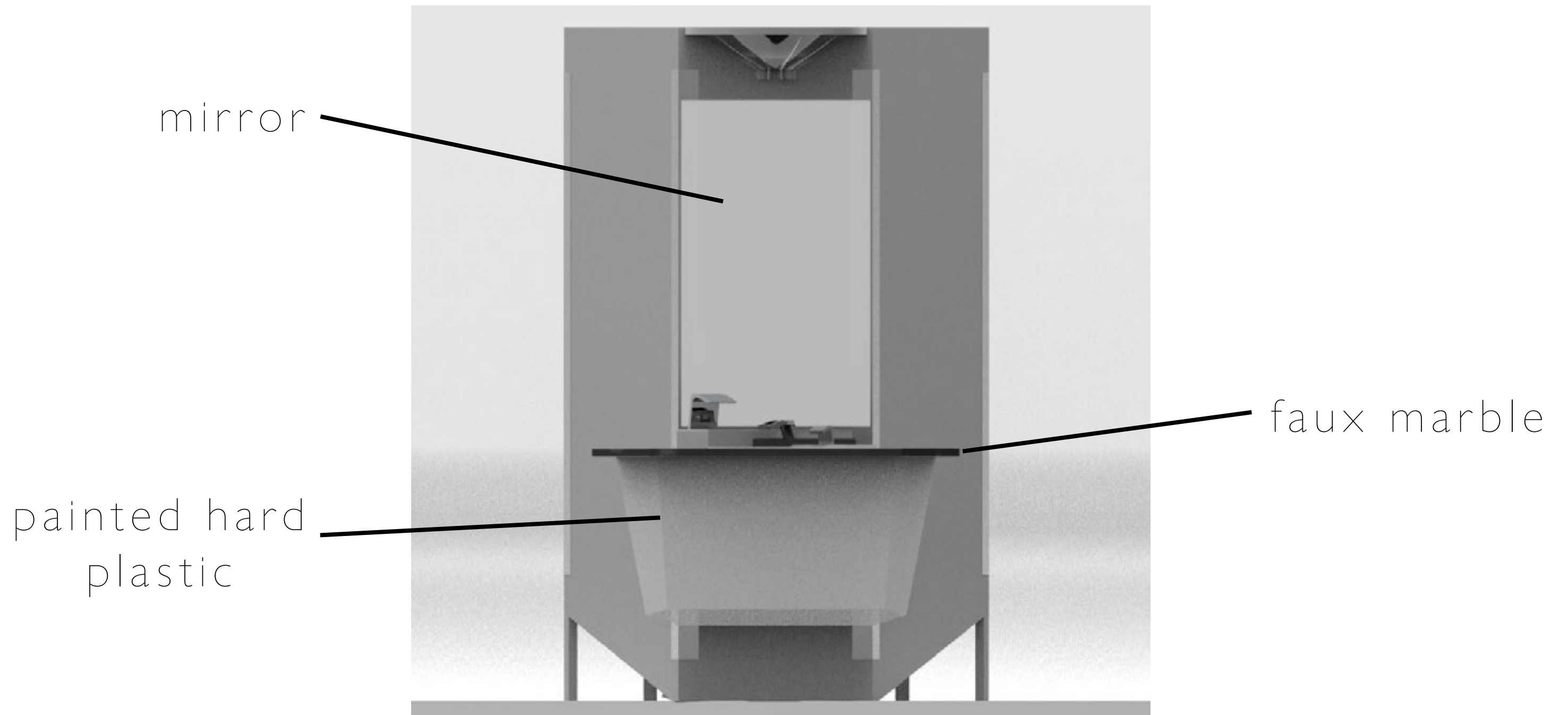


painted steel
bracket

powder coated
metal

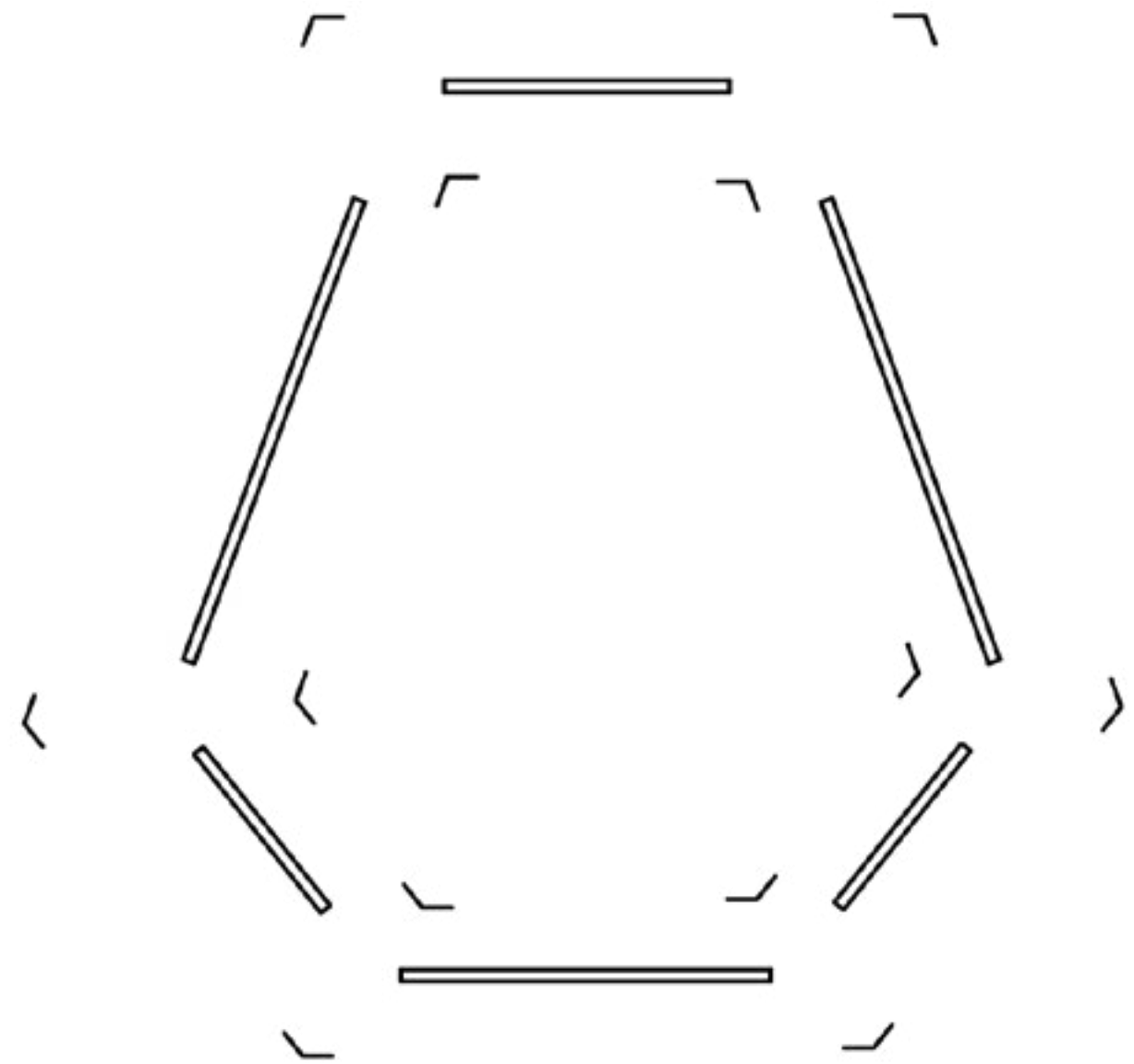
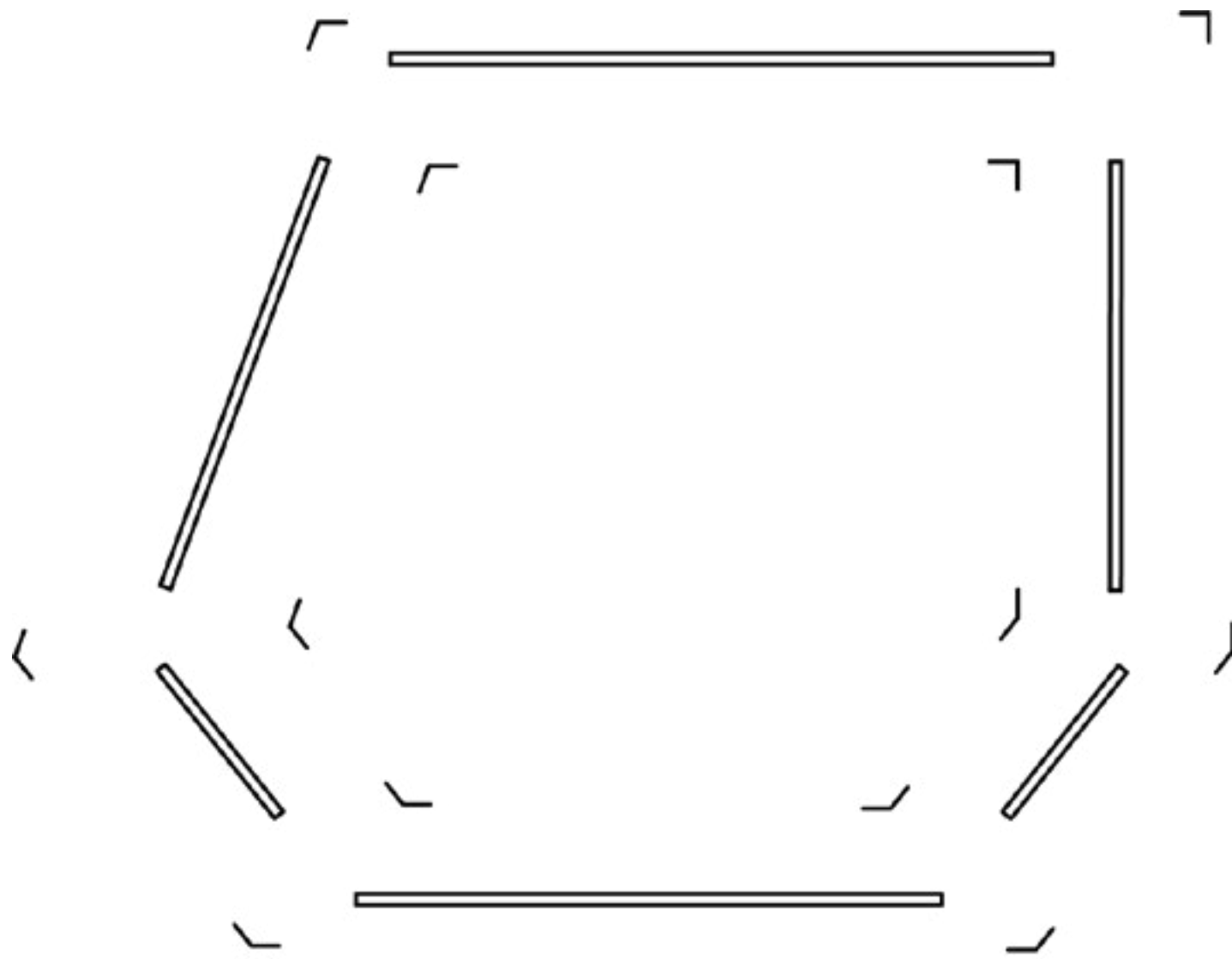
UVC light bulb
surrounded by
reflective slats

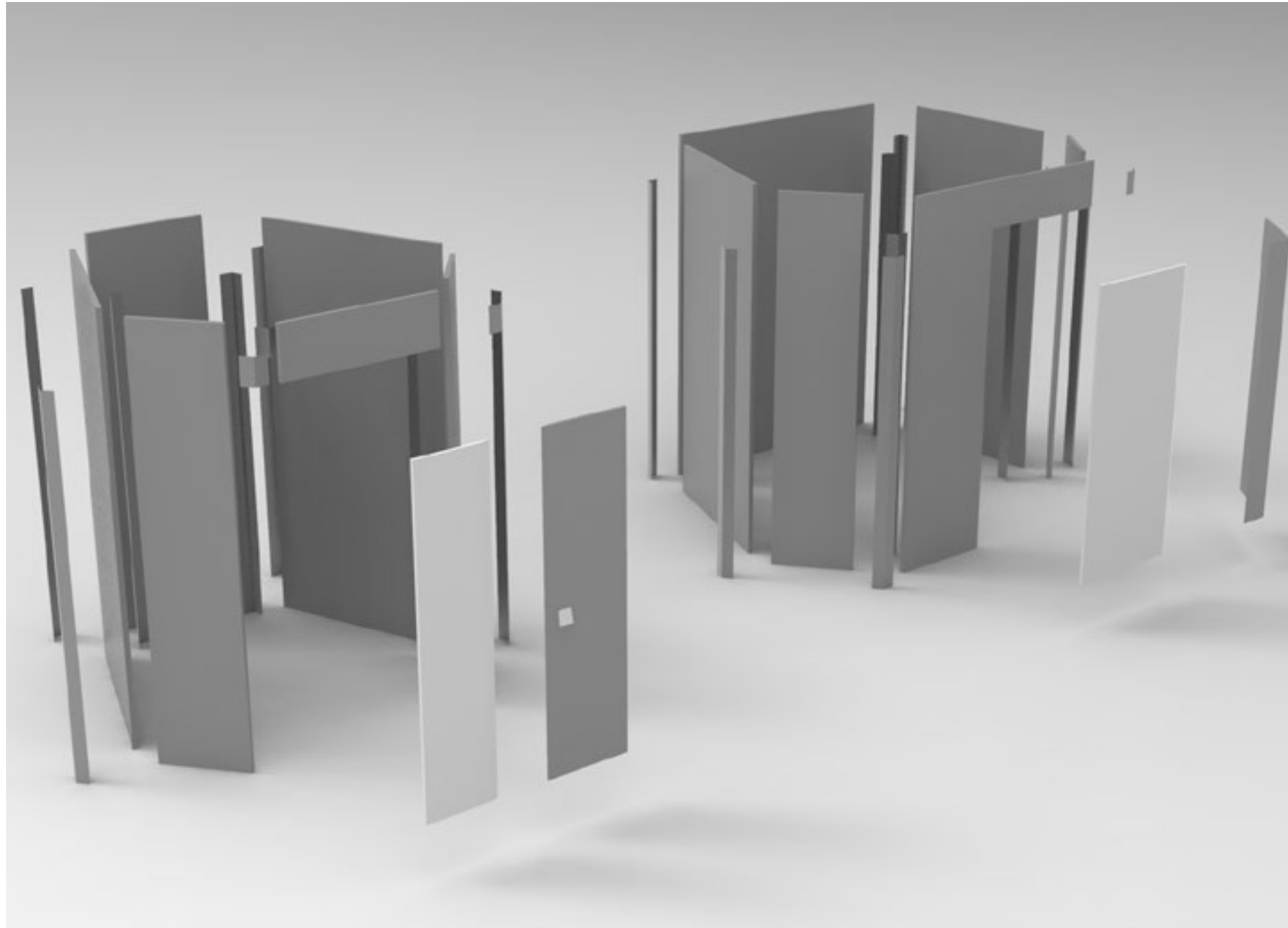






panel system

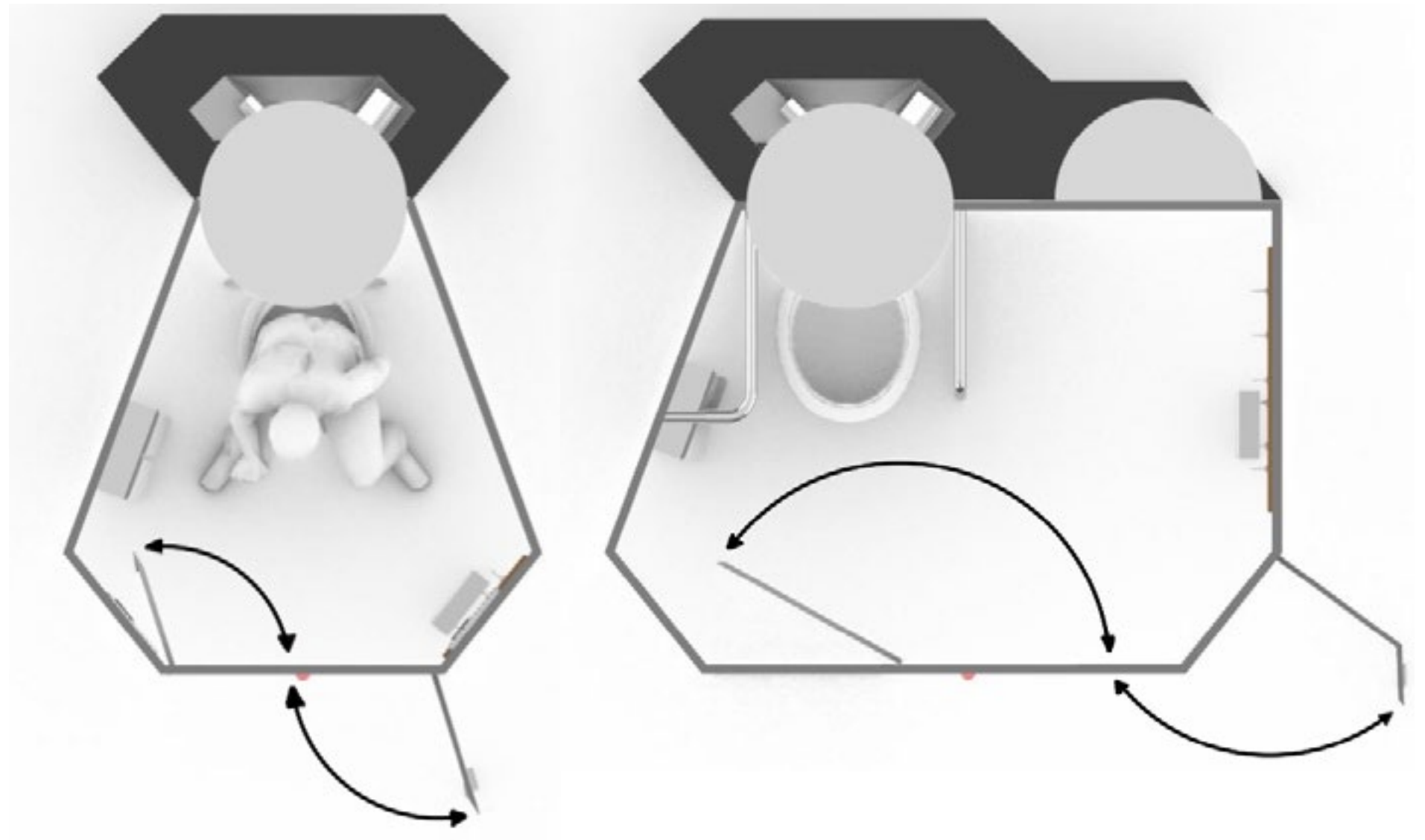
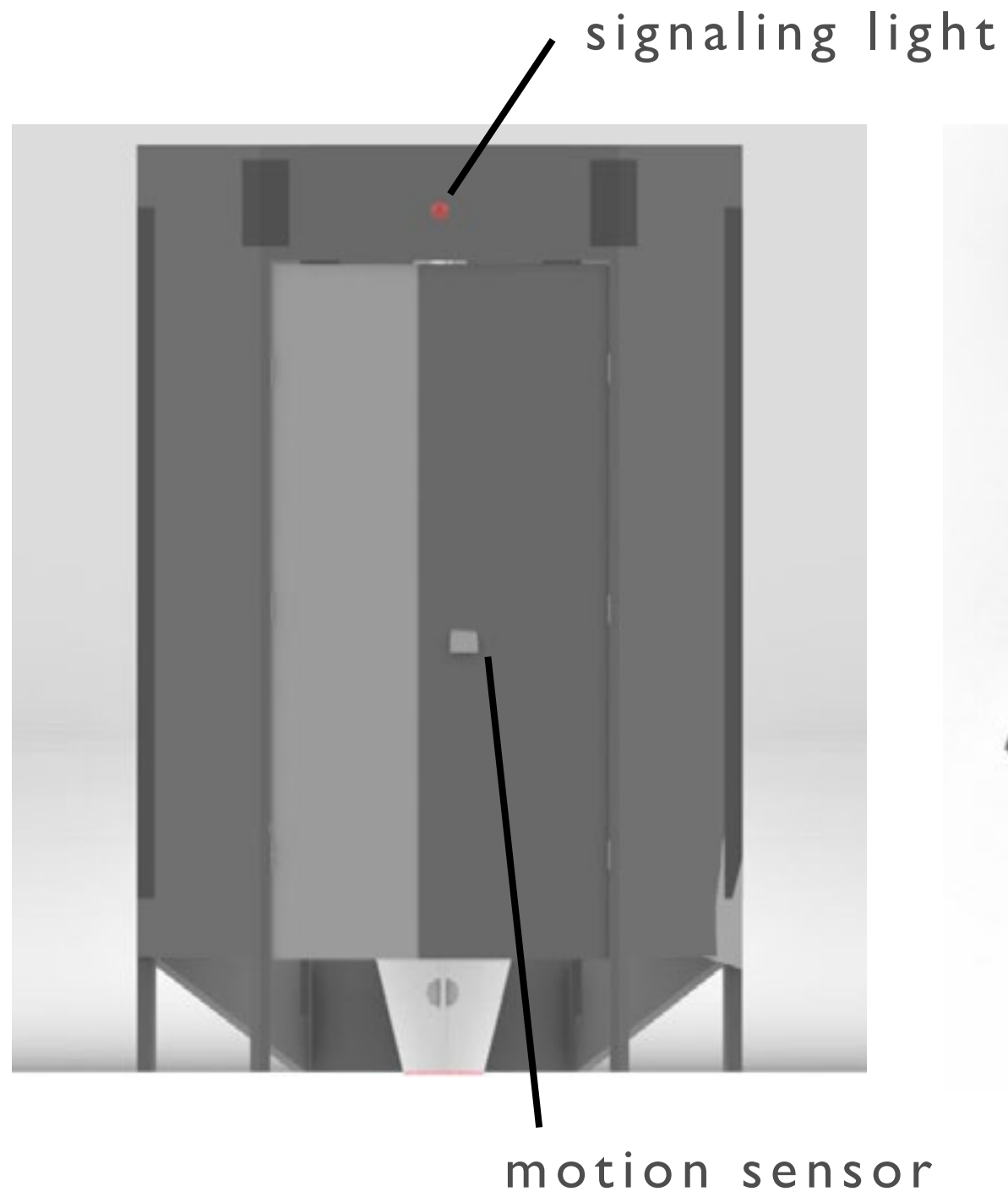




the stall will be shipped as panels. the panels are fastened together with steel plates and screws.

automatic doors



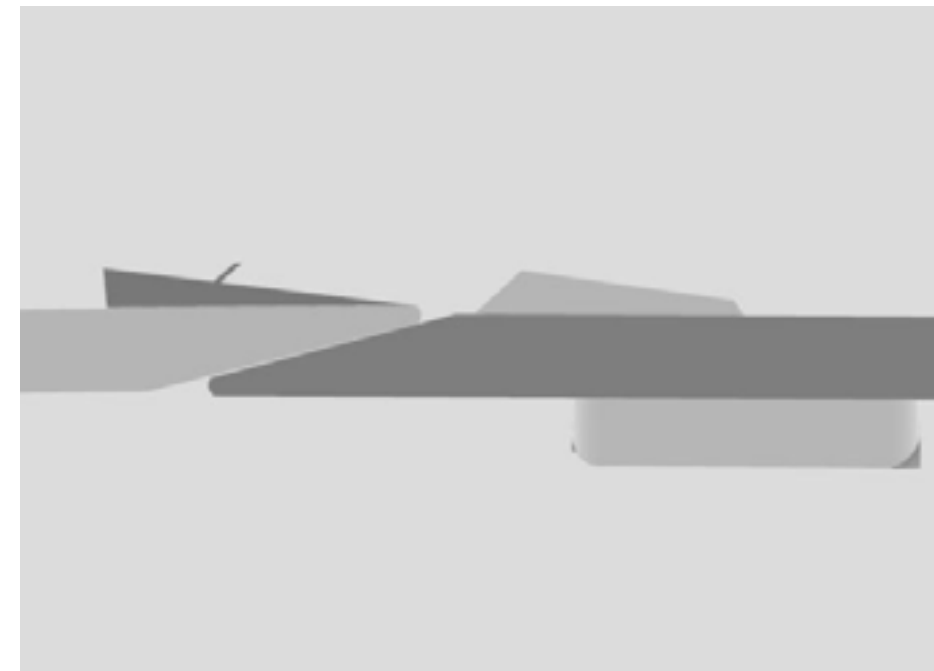
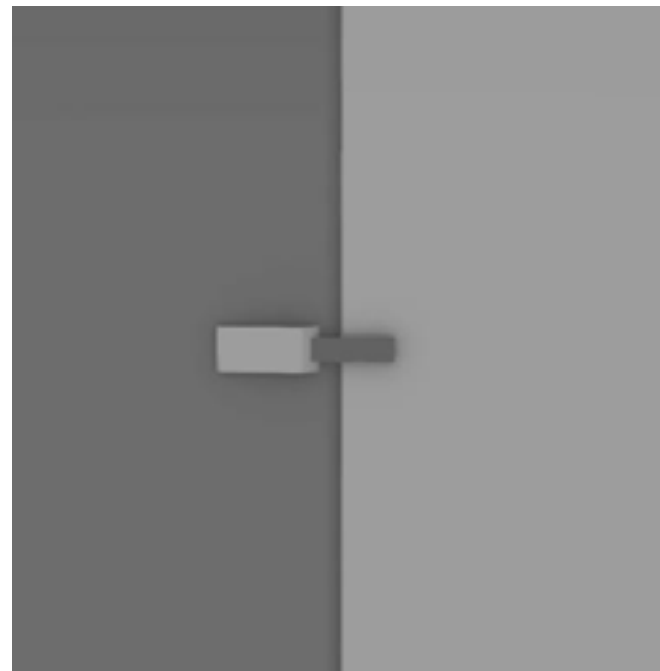
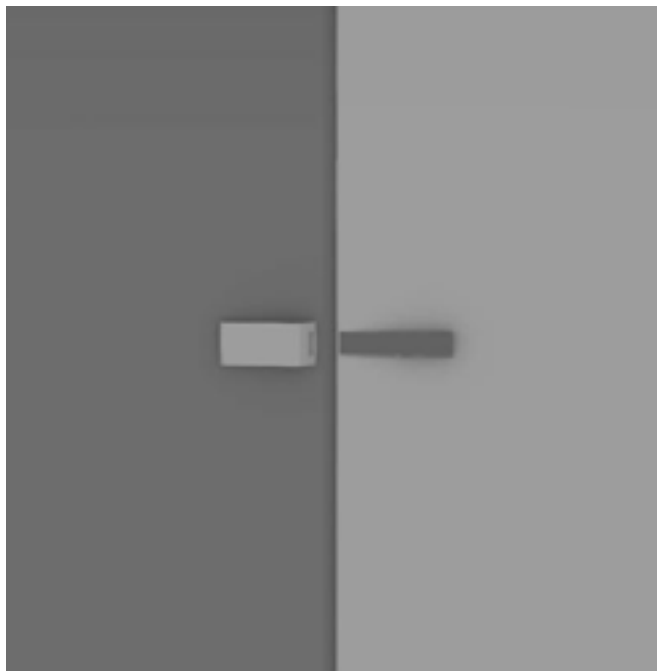


motor/ auto lock

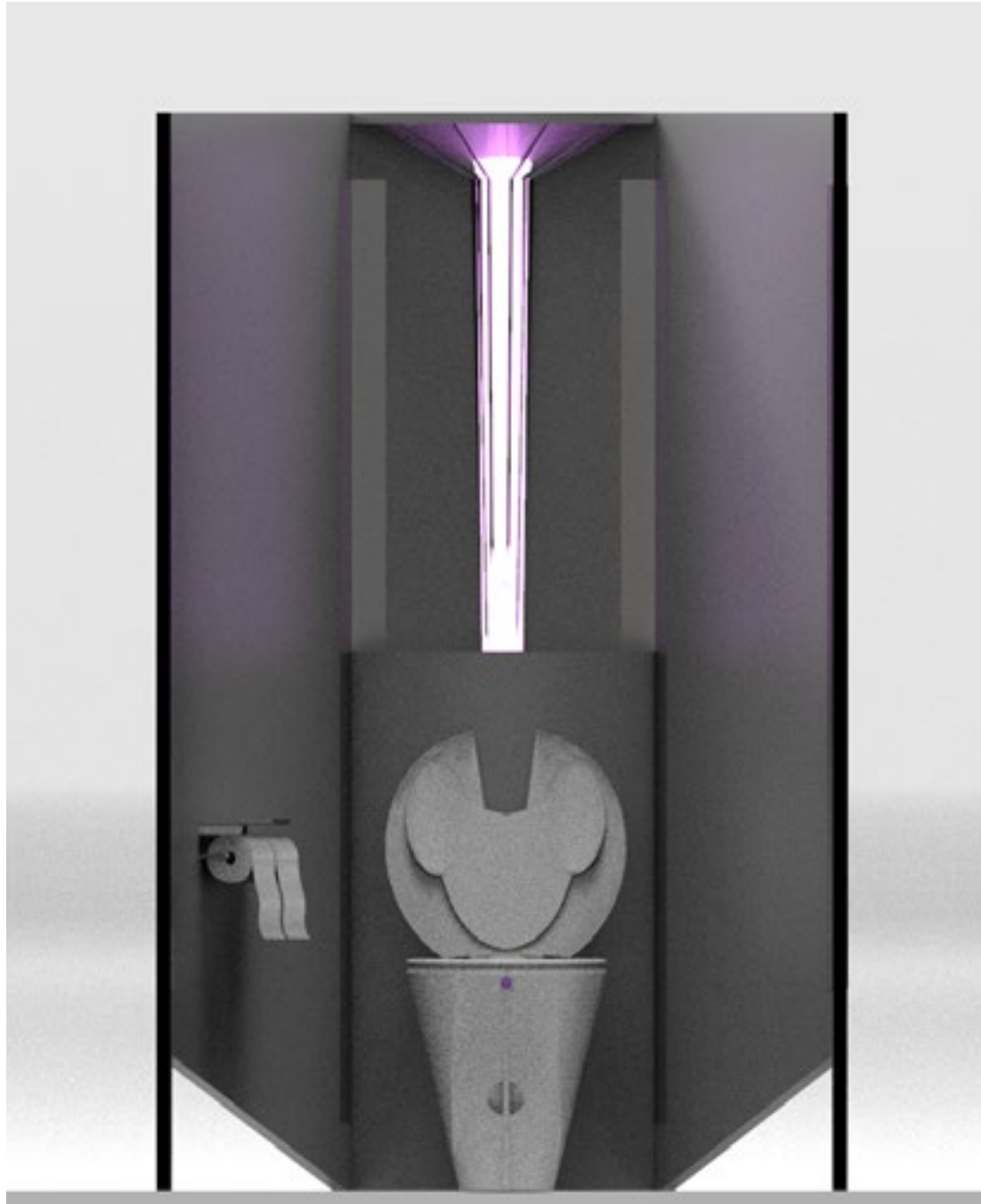
this motor
doubles as a
white noise
speaker



manual lock

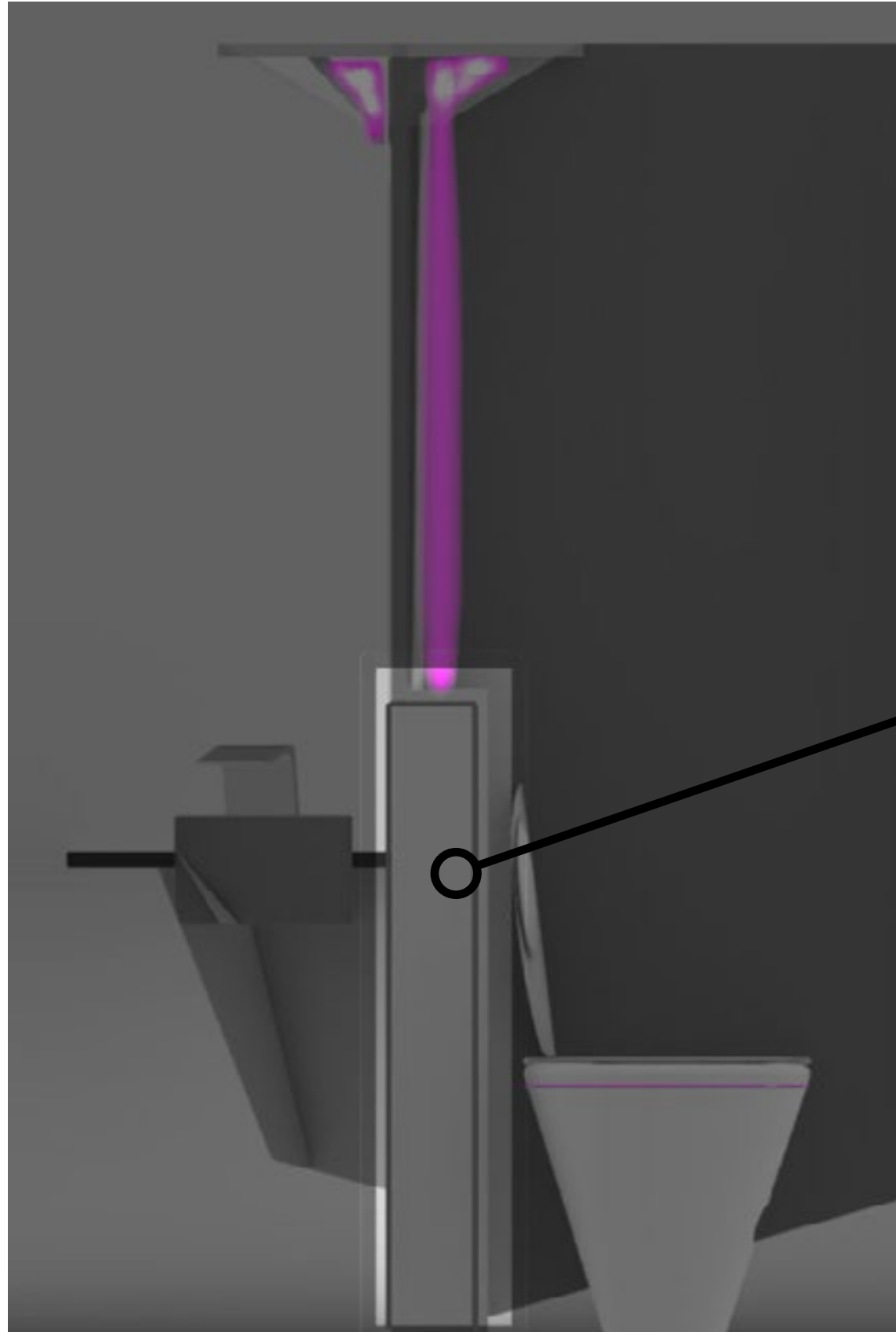






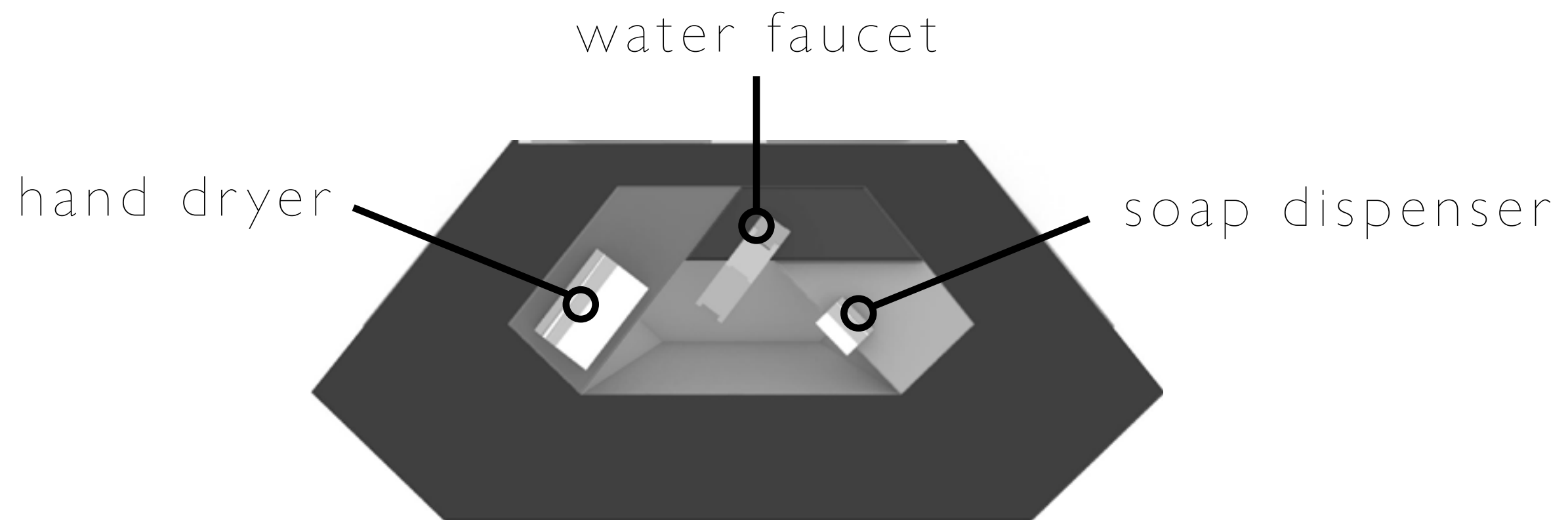


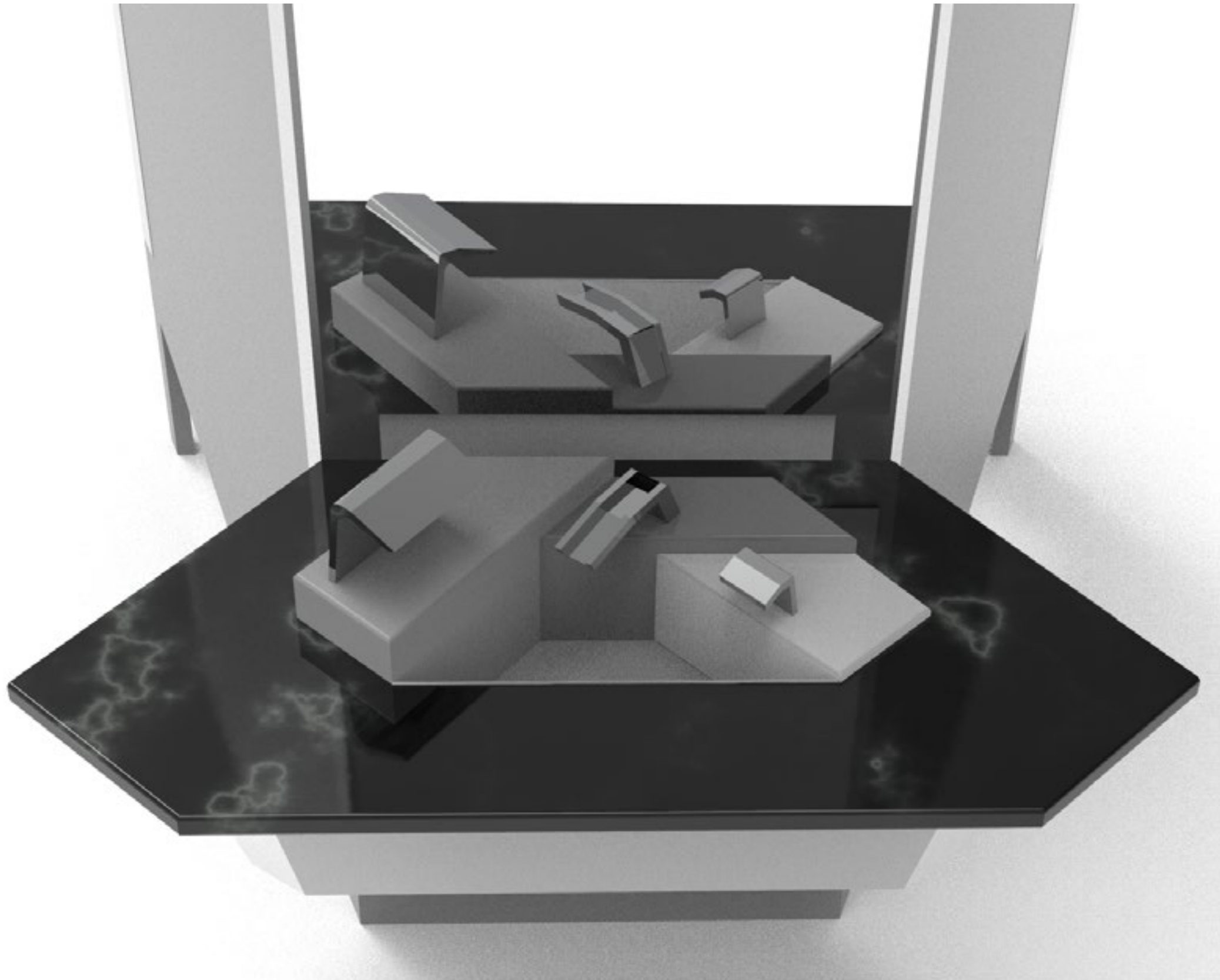
- the UVC will turn on and lock the stall in between usage.
- the stall will display a red light when in use or being cleaned, and a green light for when its ready.



the compartment
behind the toilet
and under the UVC
light will store all
of the plumbing and
electrical.









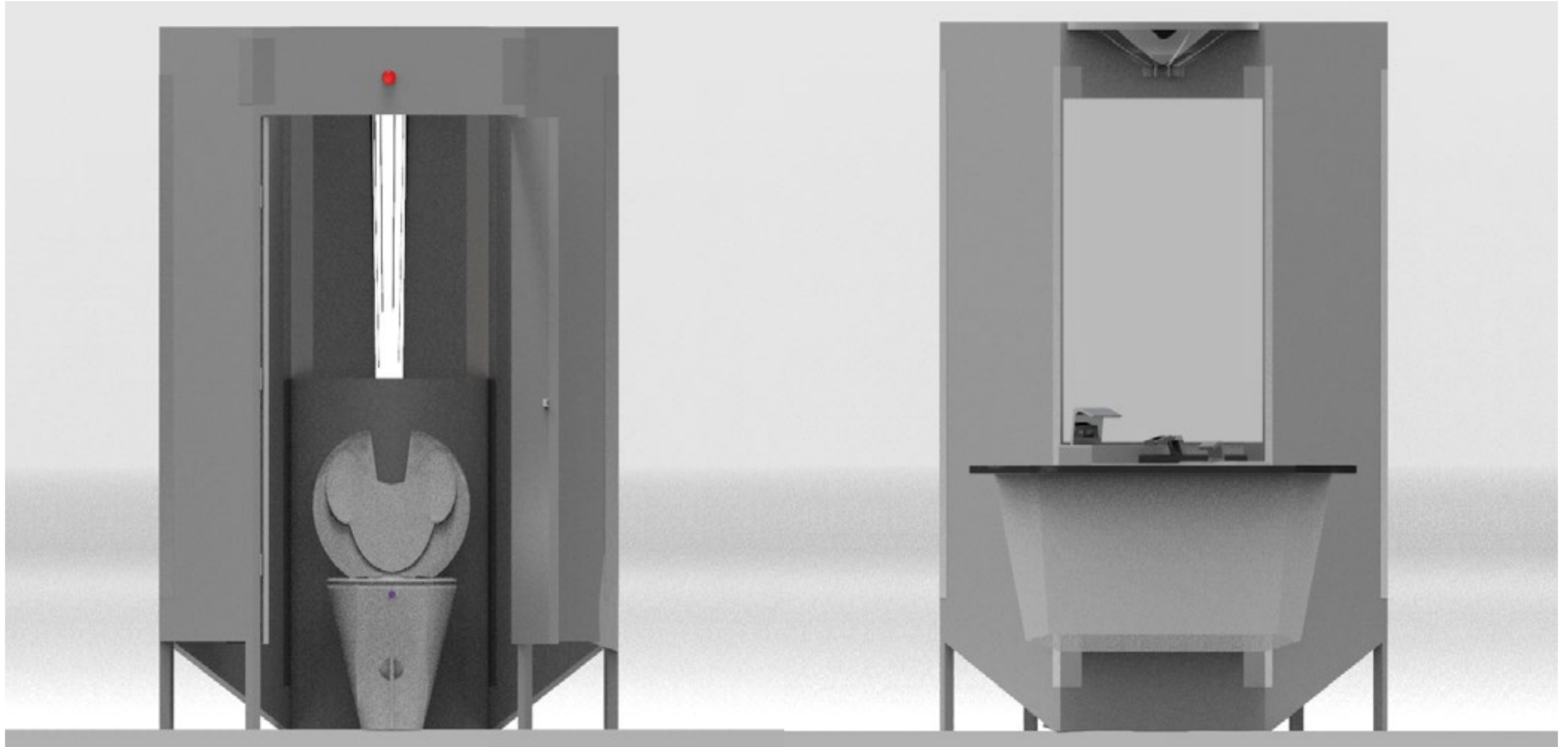
hooks and shelves



- diaper bag
- purse
- coat

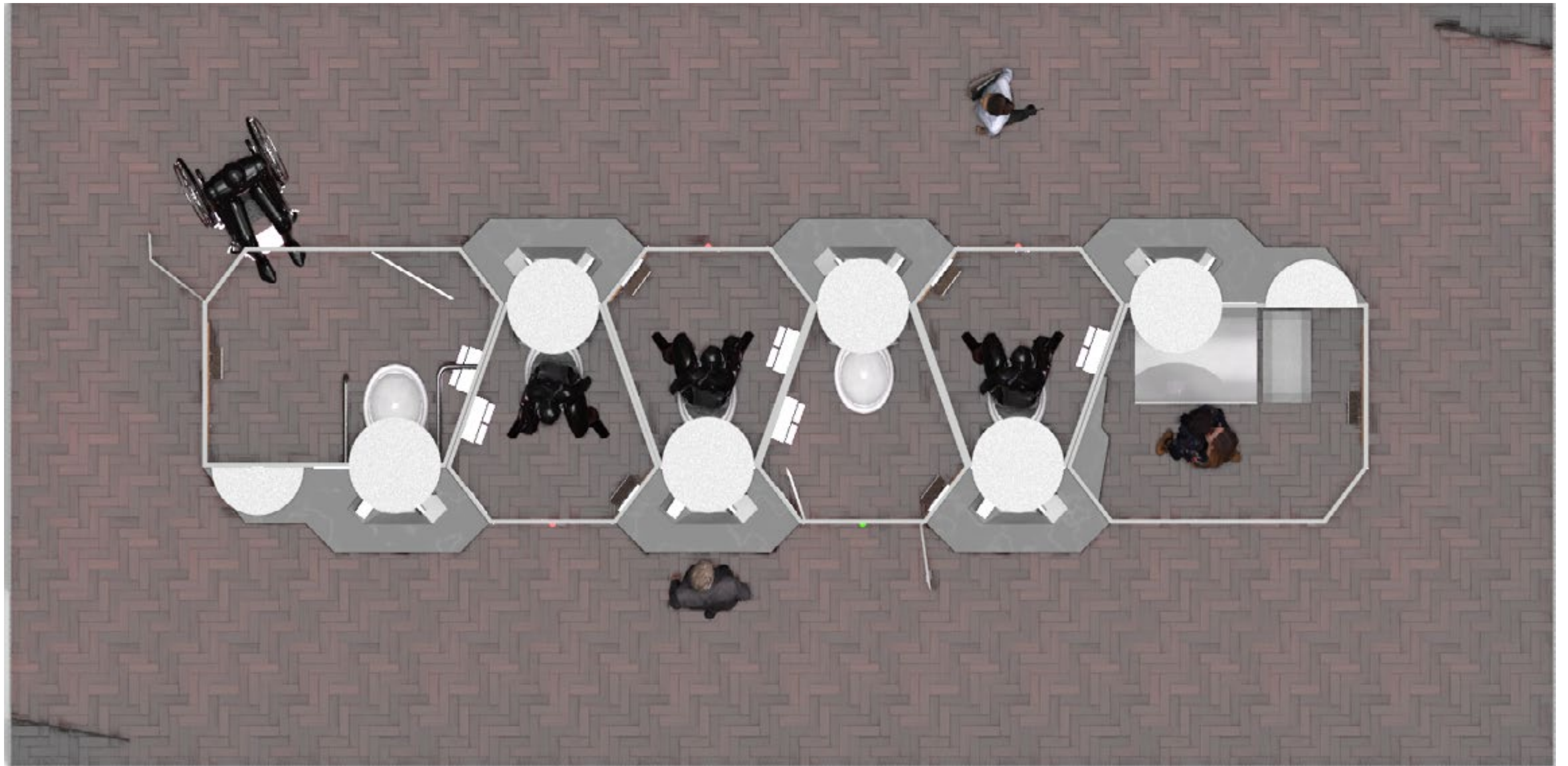


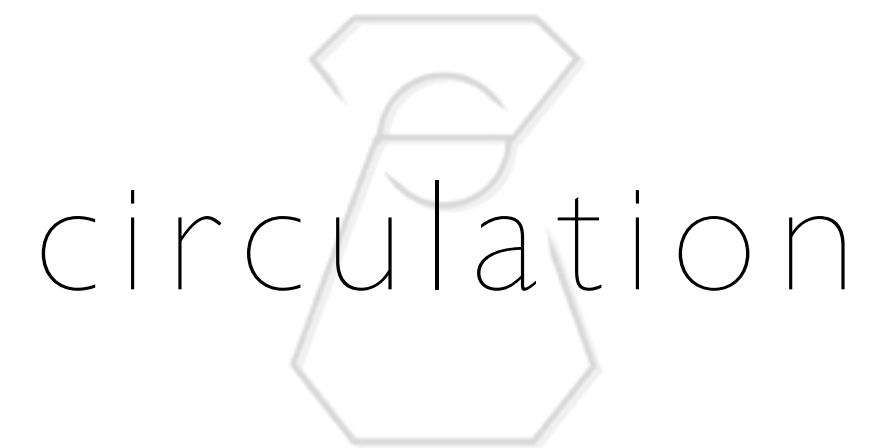
- book bag
- purse
- hat
- jacket

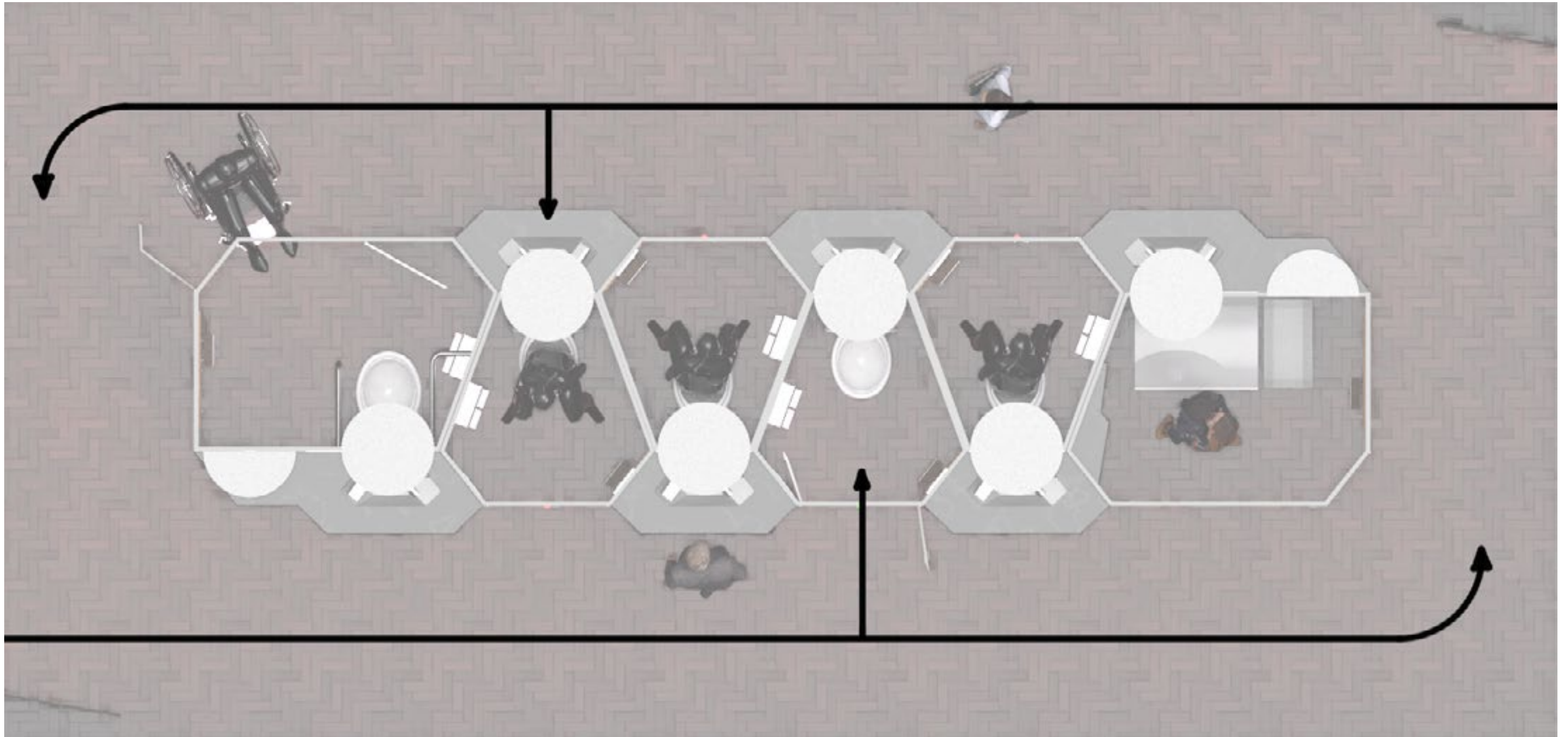




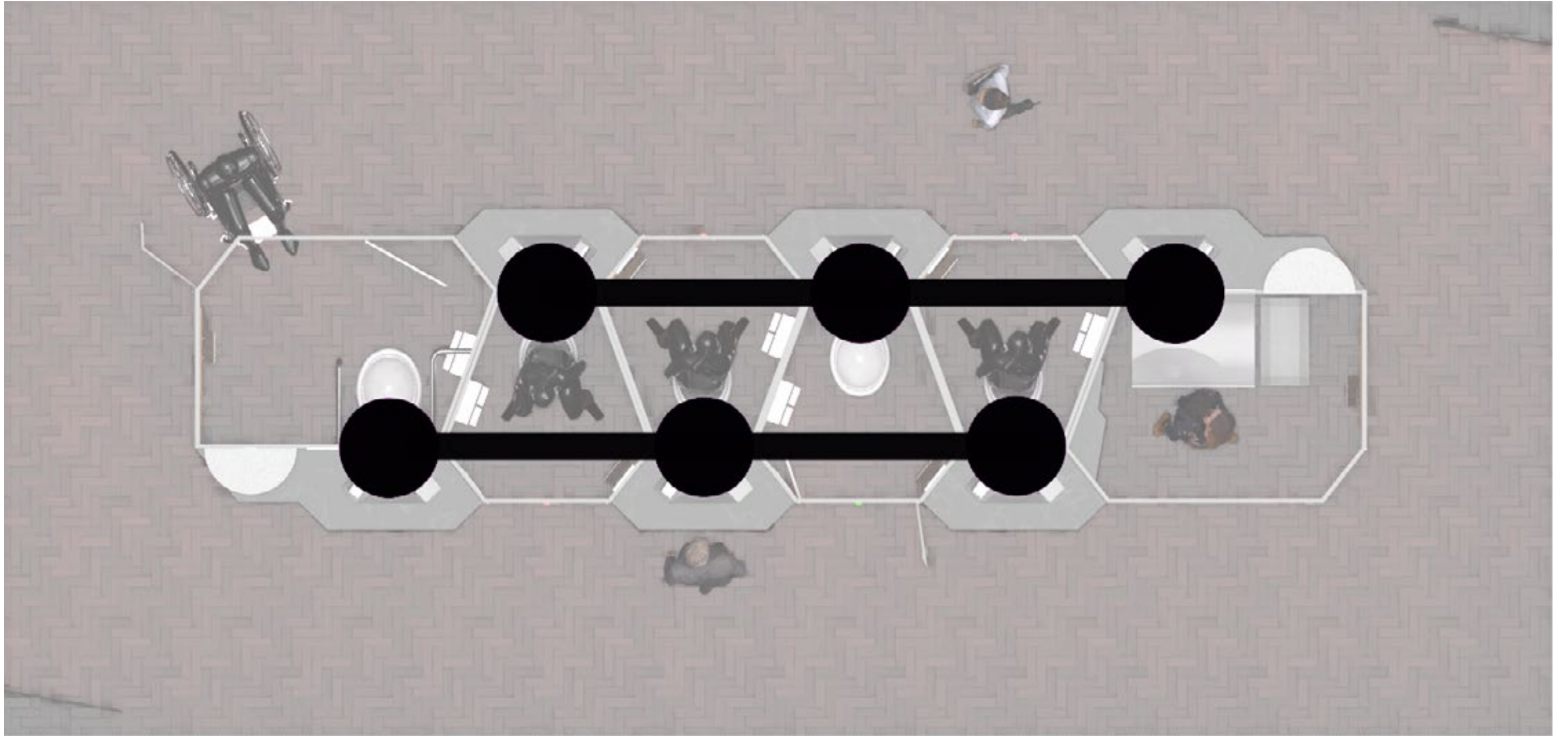
the herringbone system



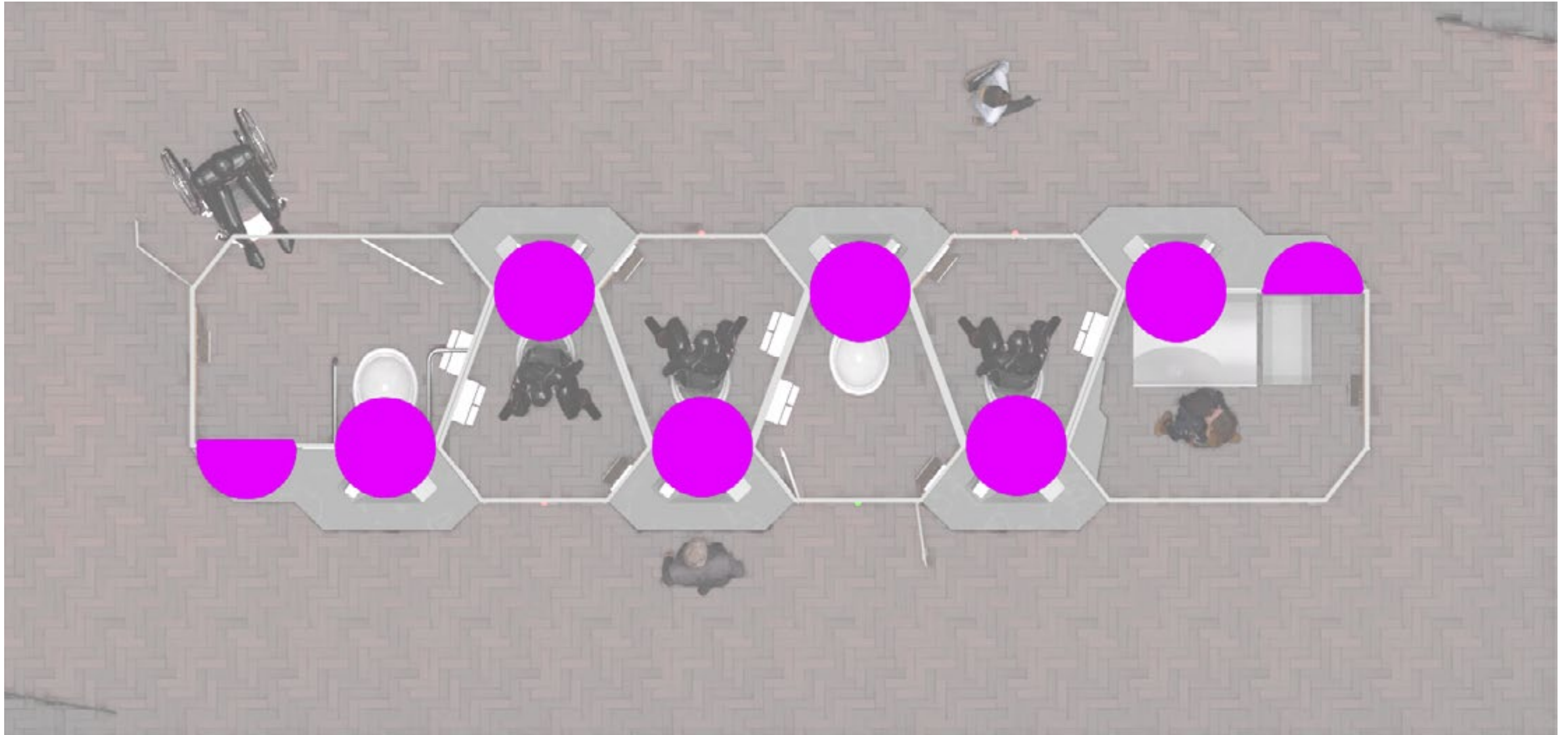


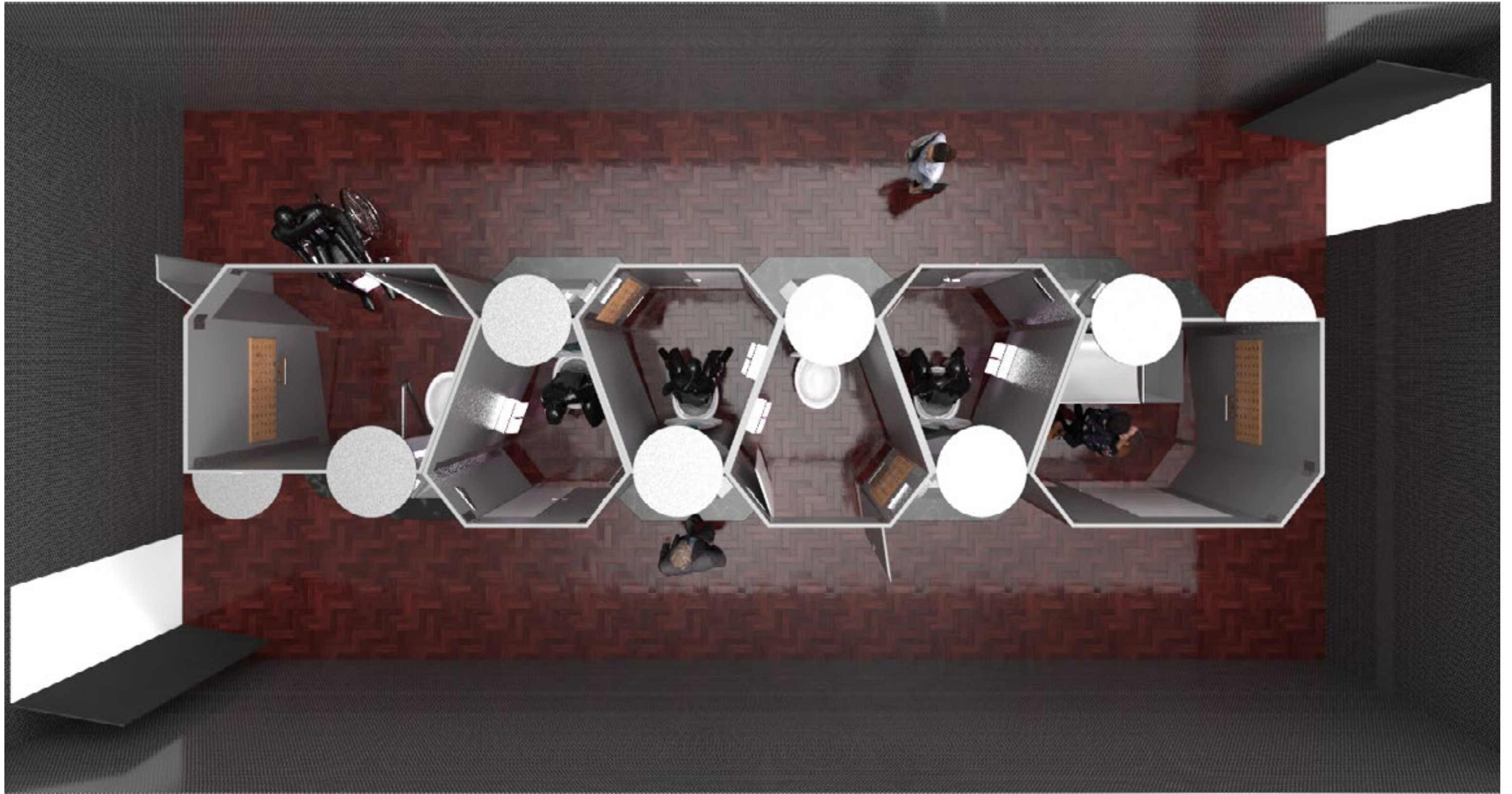


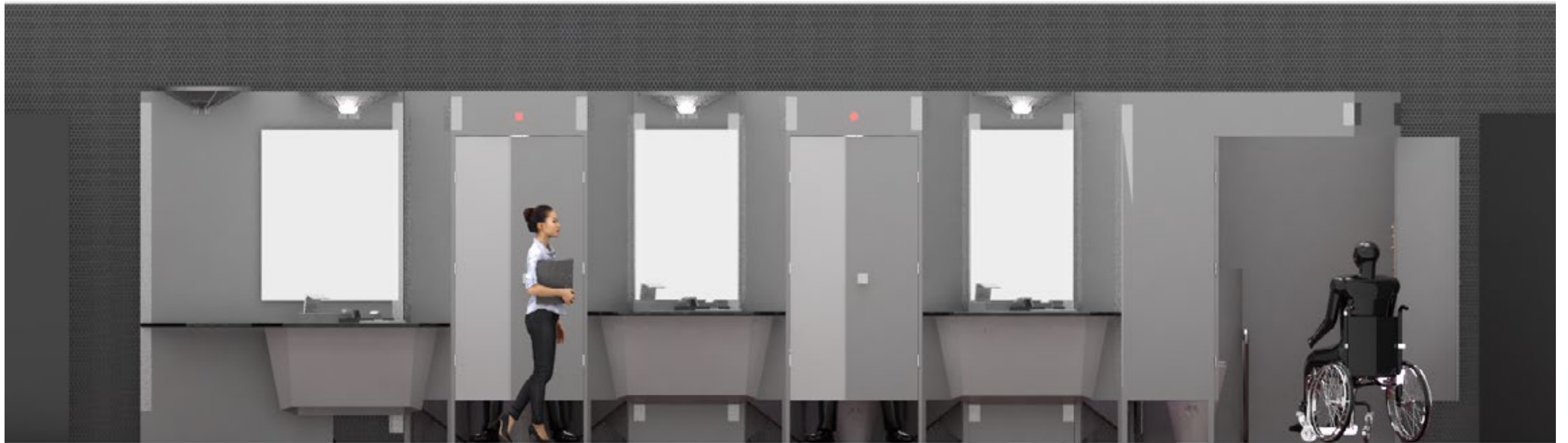






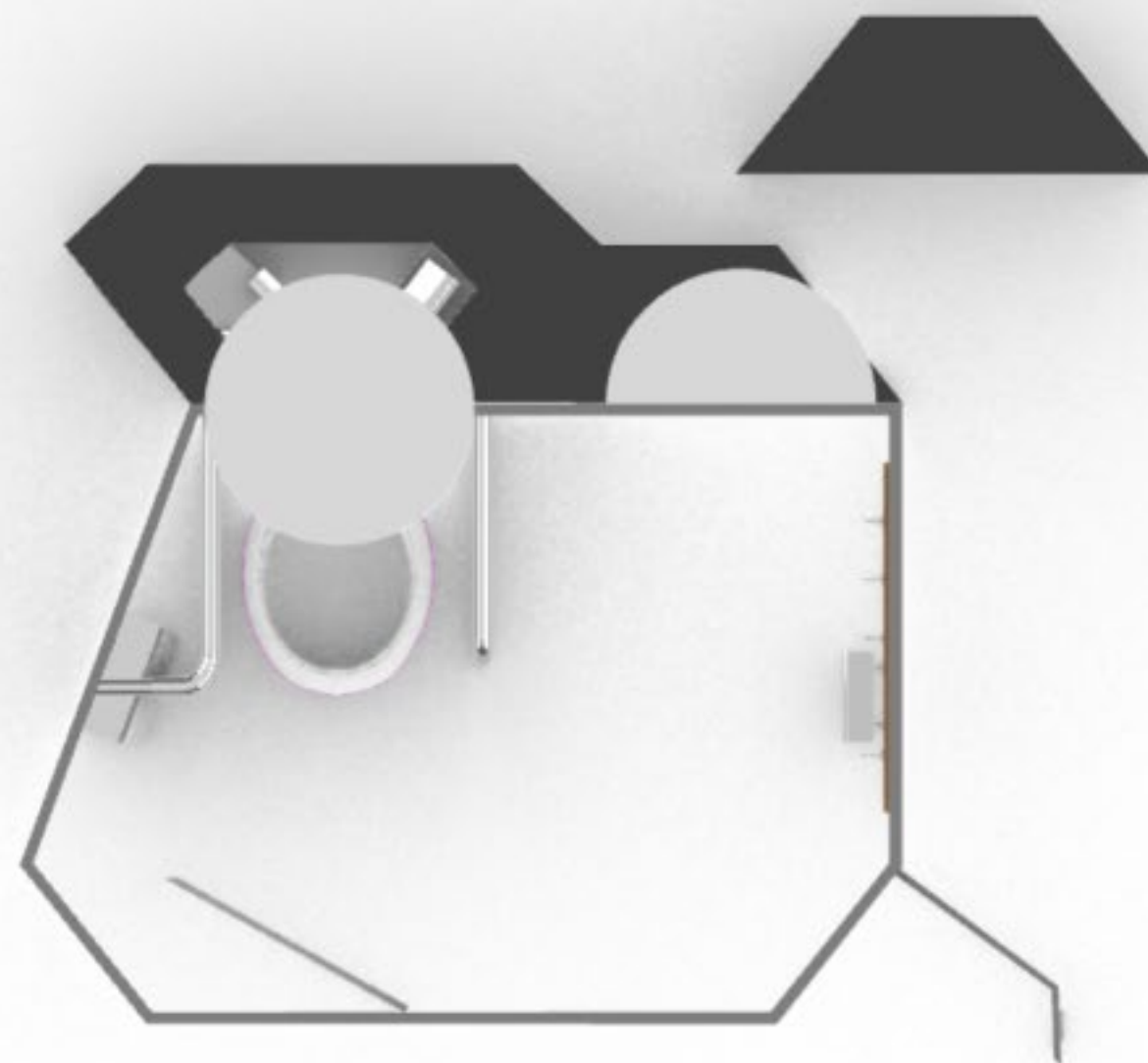
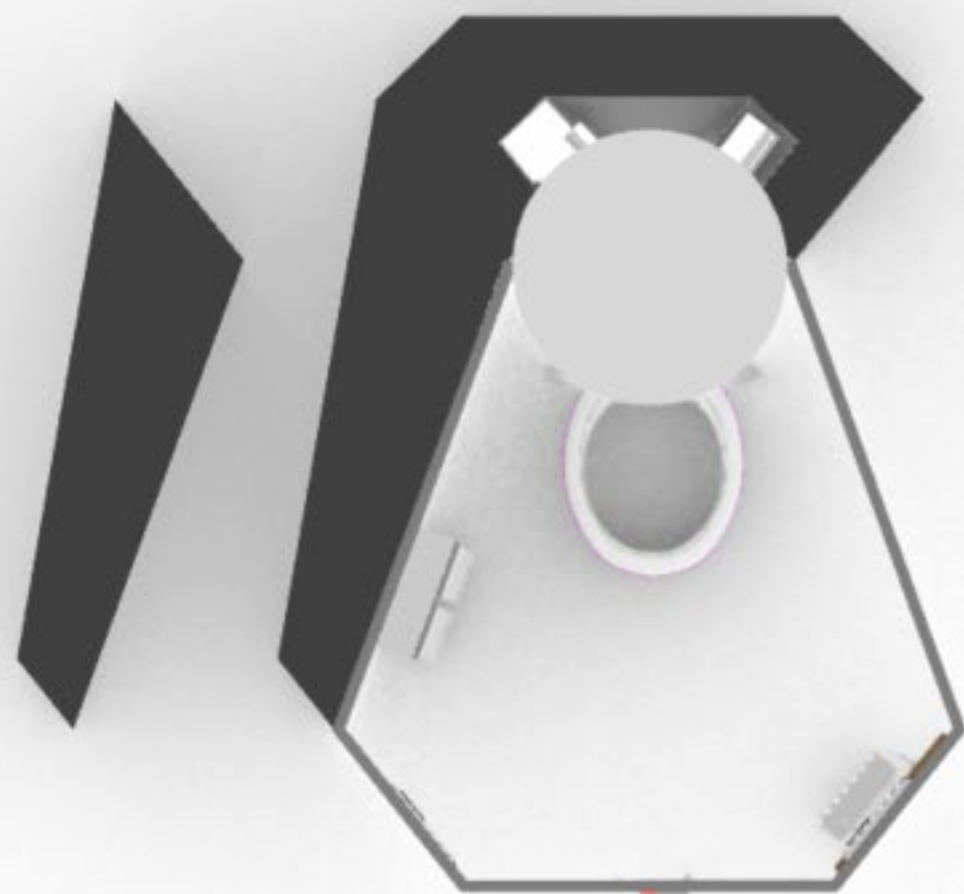






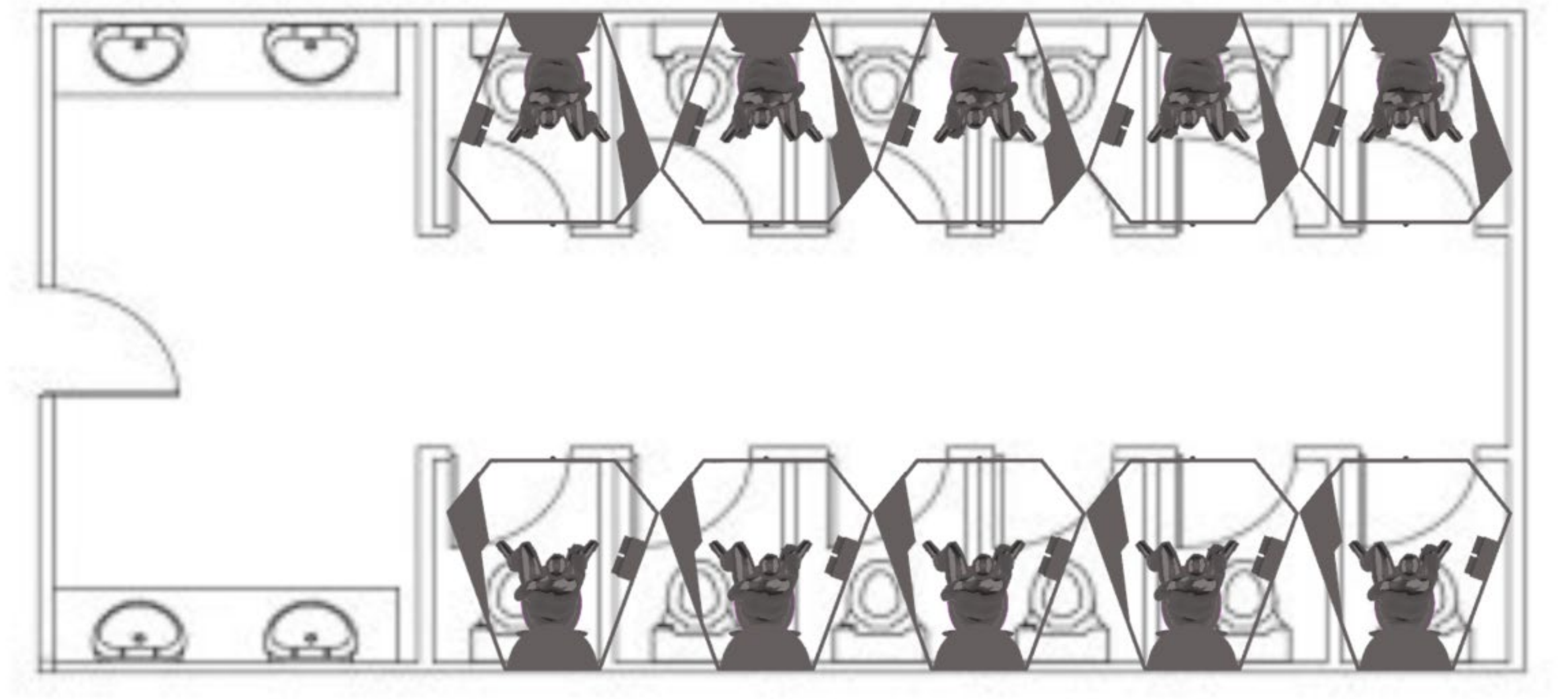
modular countertops







comparison



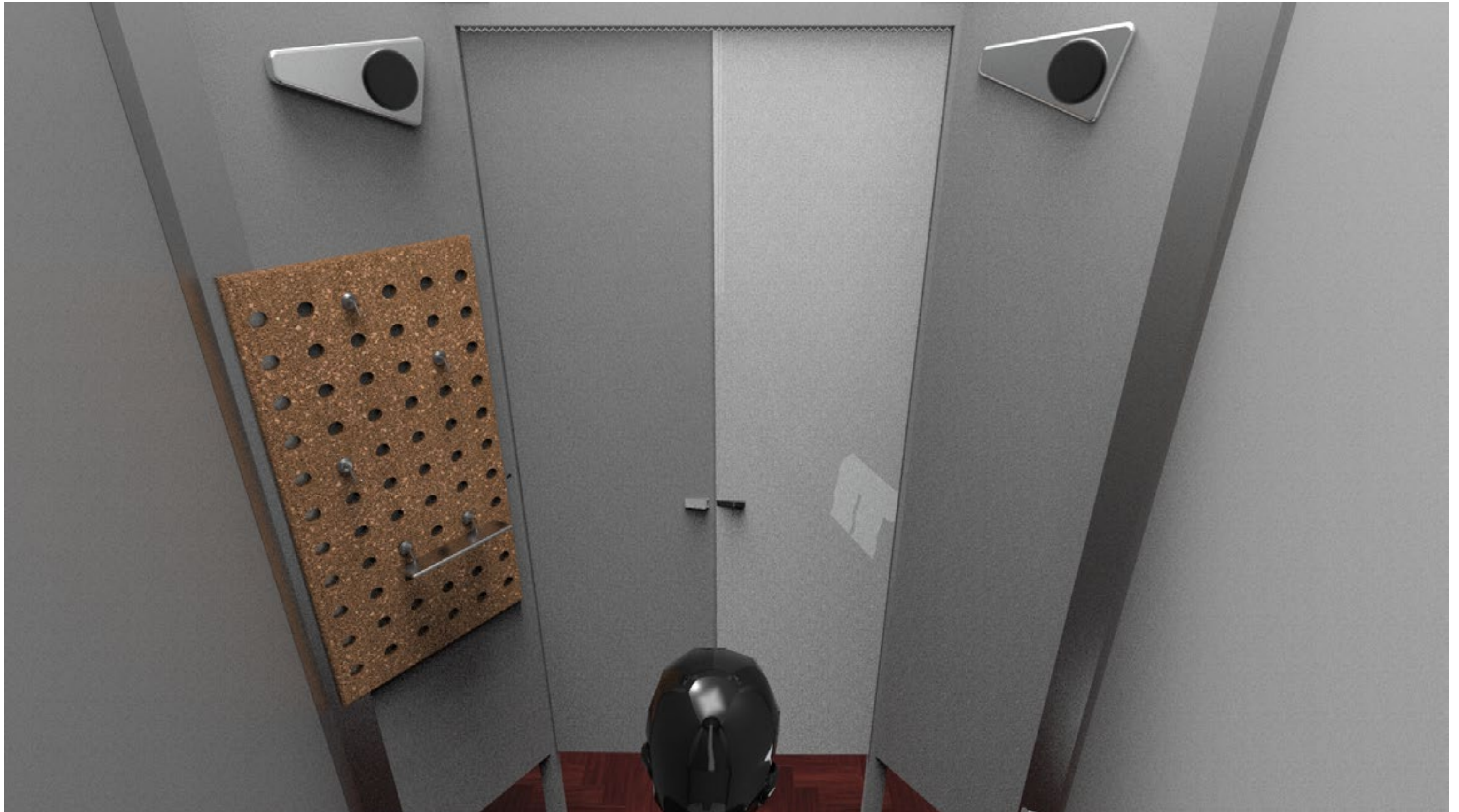


user interaction



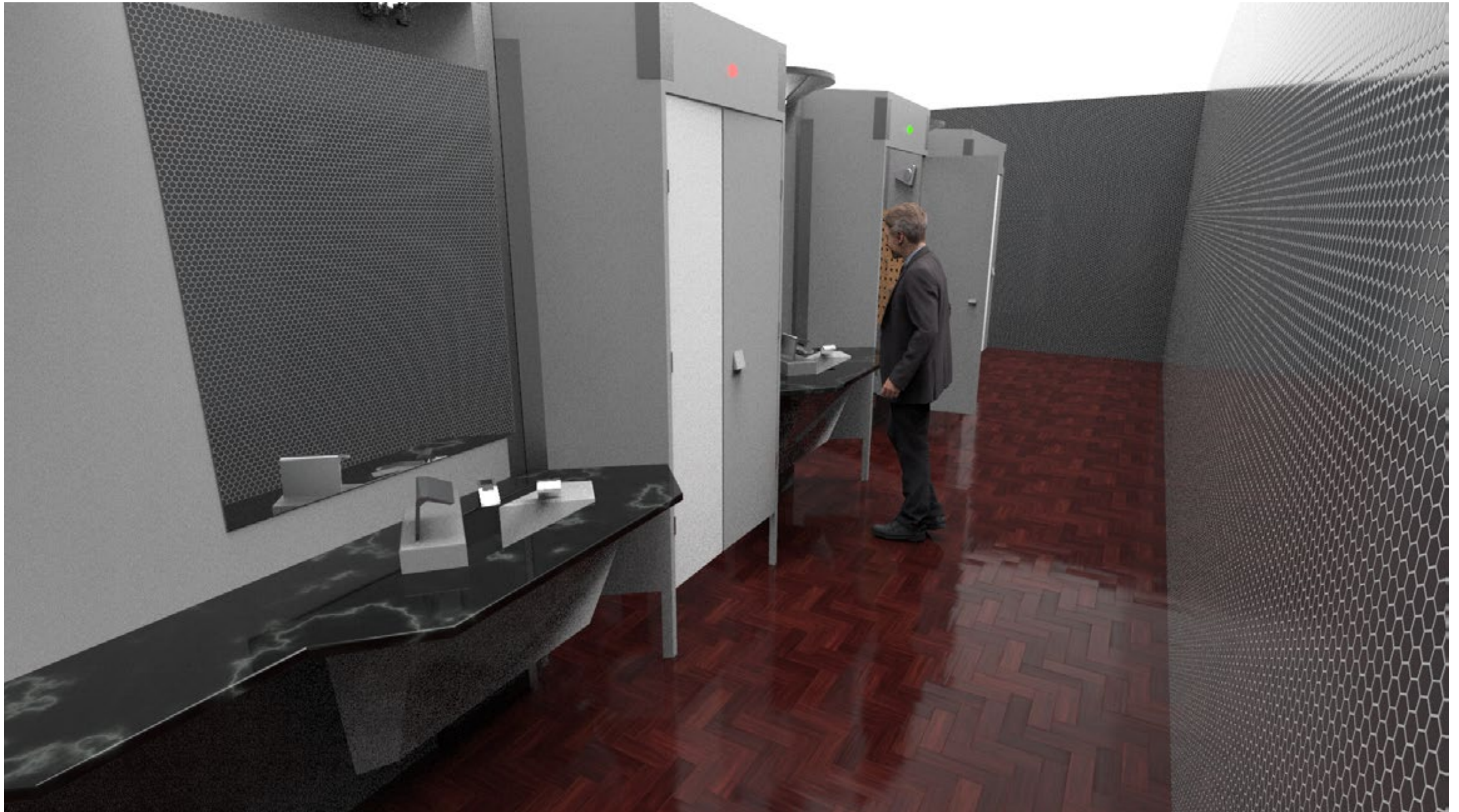














color options

