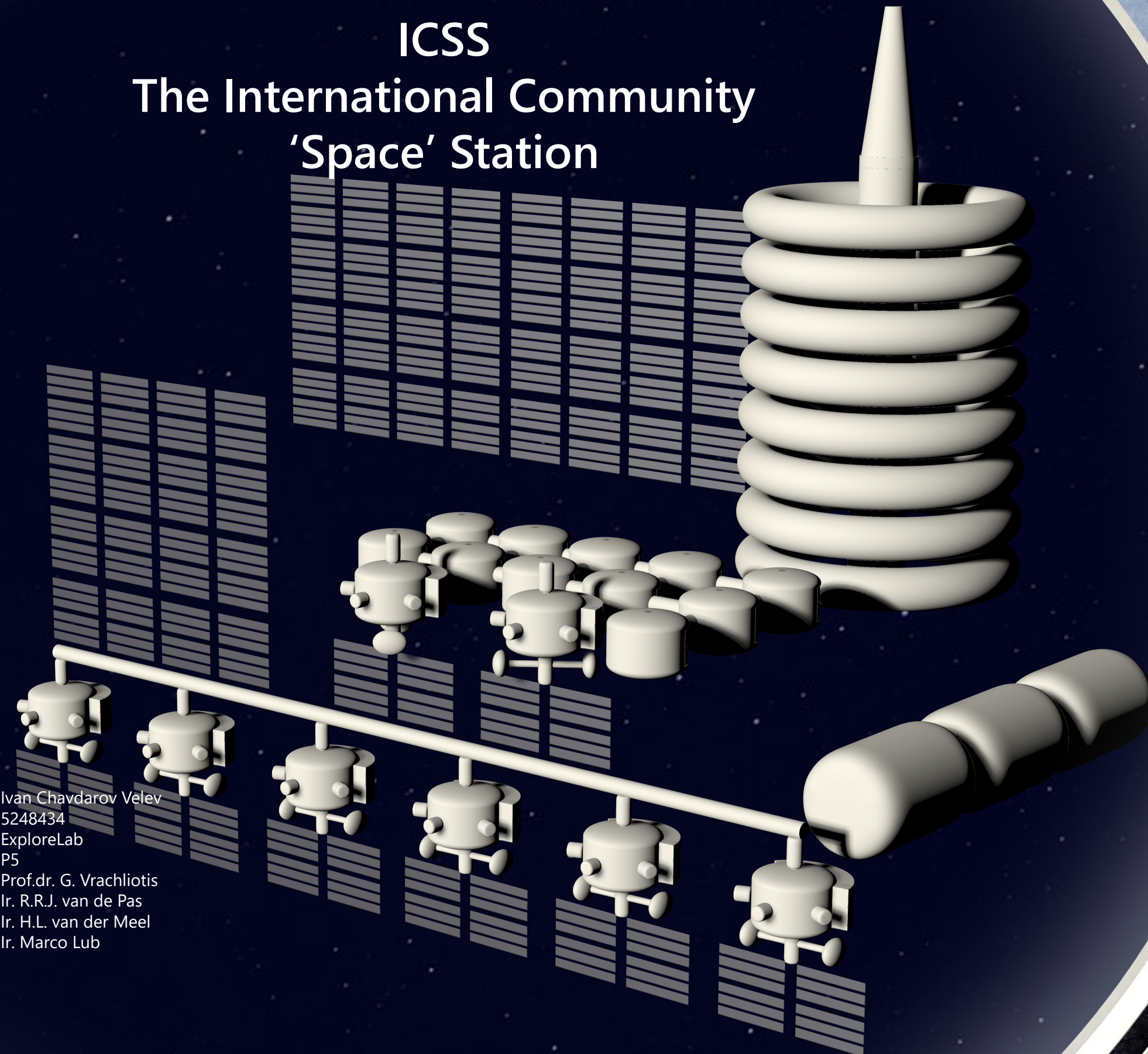


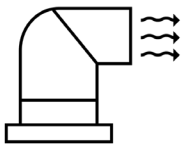
# ICSS

## The International Community 'Space' Station



By:  
Student number:  
Studio:  
Stage:  
Research tutor:  
Architecture tutor:  
Engineering tutor:  
External examiner:

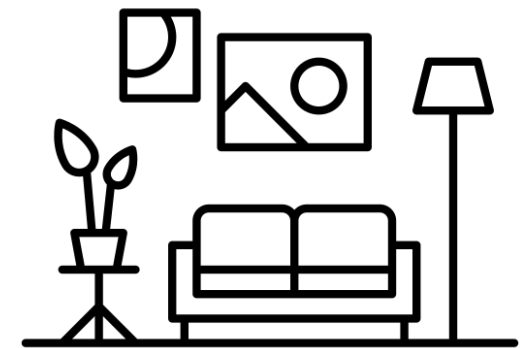
Ivan Chavdarov Velez  
5248434  
ExploreLab  
P5  
Prof.dr. G. Vrachliotis  
Ir. R.R.J. van de Pas  
Ir. H.L. van der Meel  
Ir. Marco Lub



Life support systems



Basic human needs



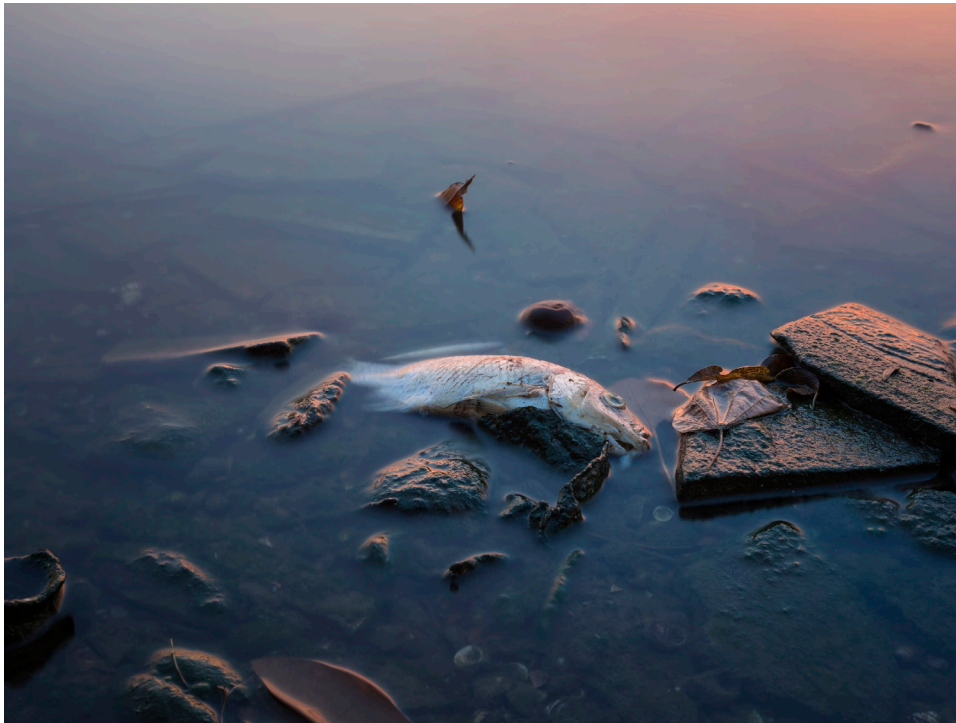
Self-actualization





VIDEO































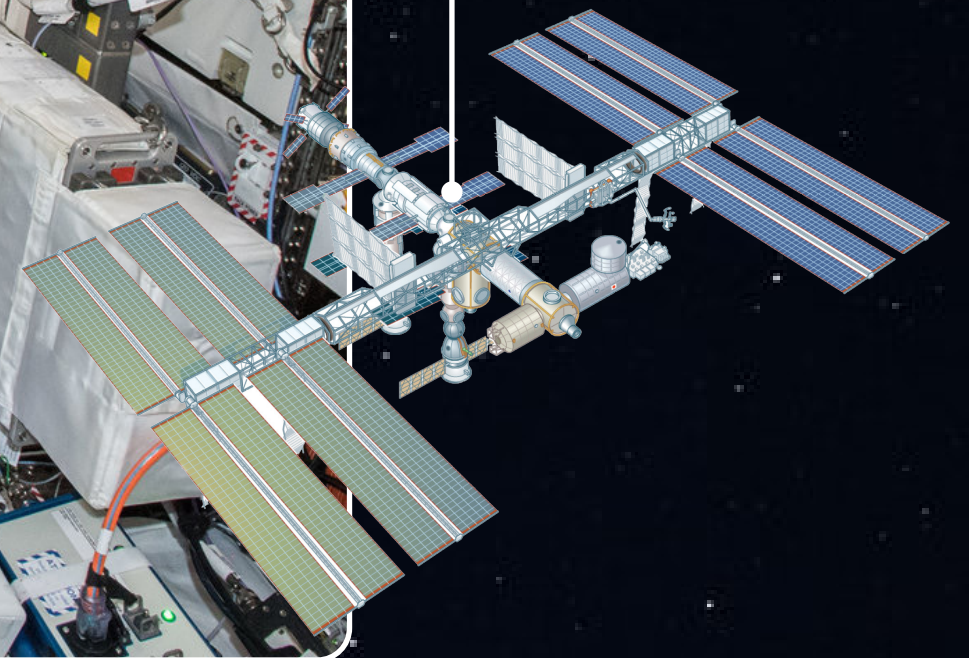
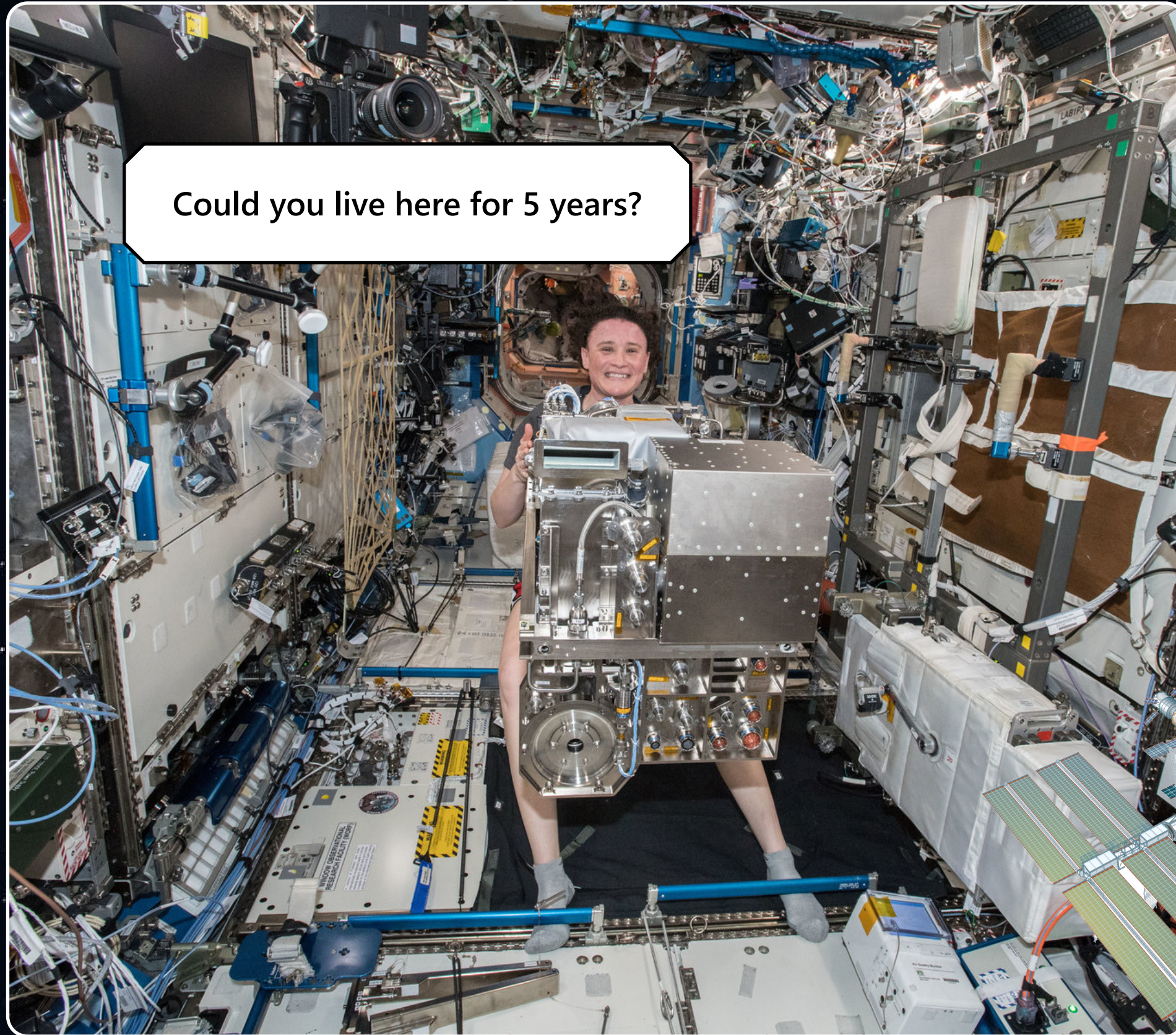






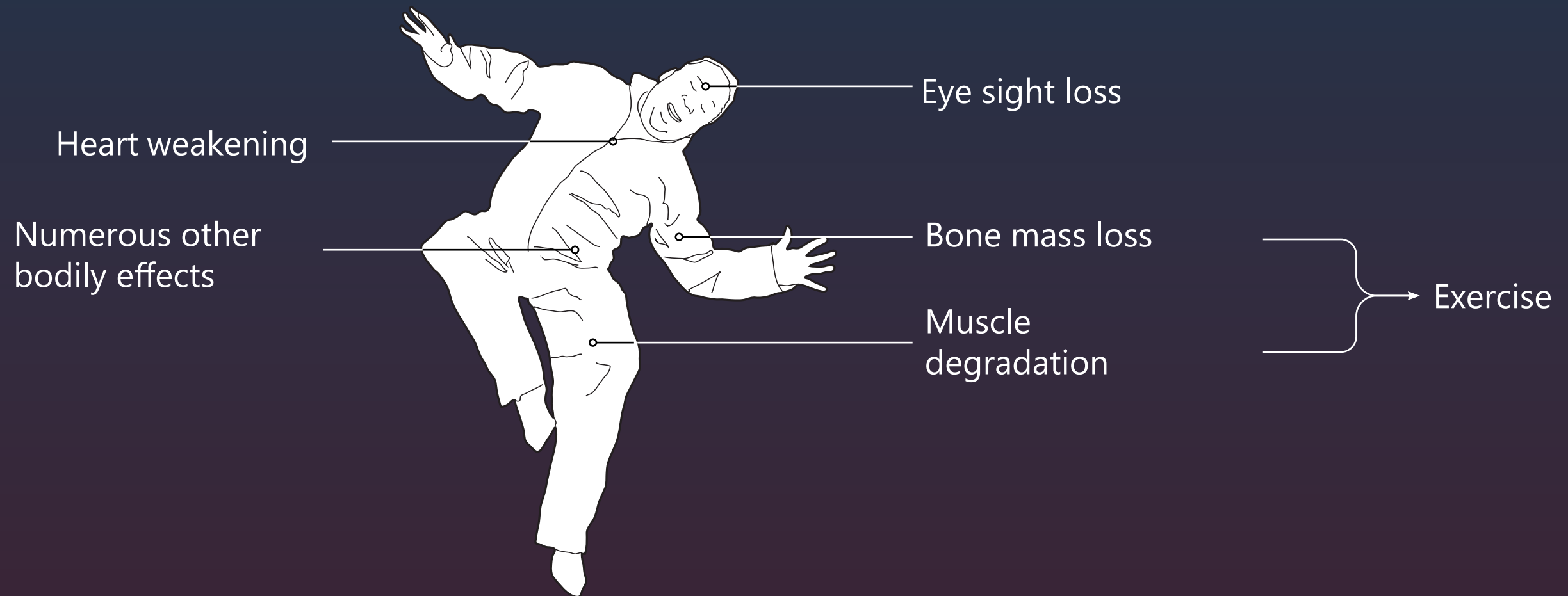


Could you live here for 5 years?

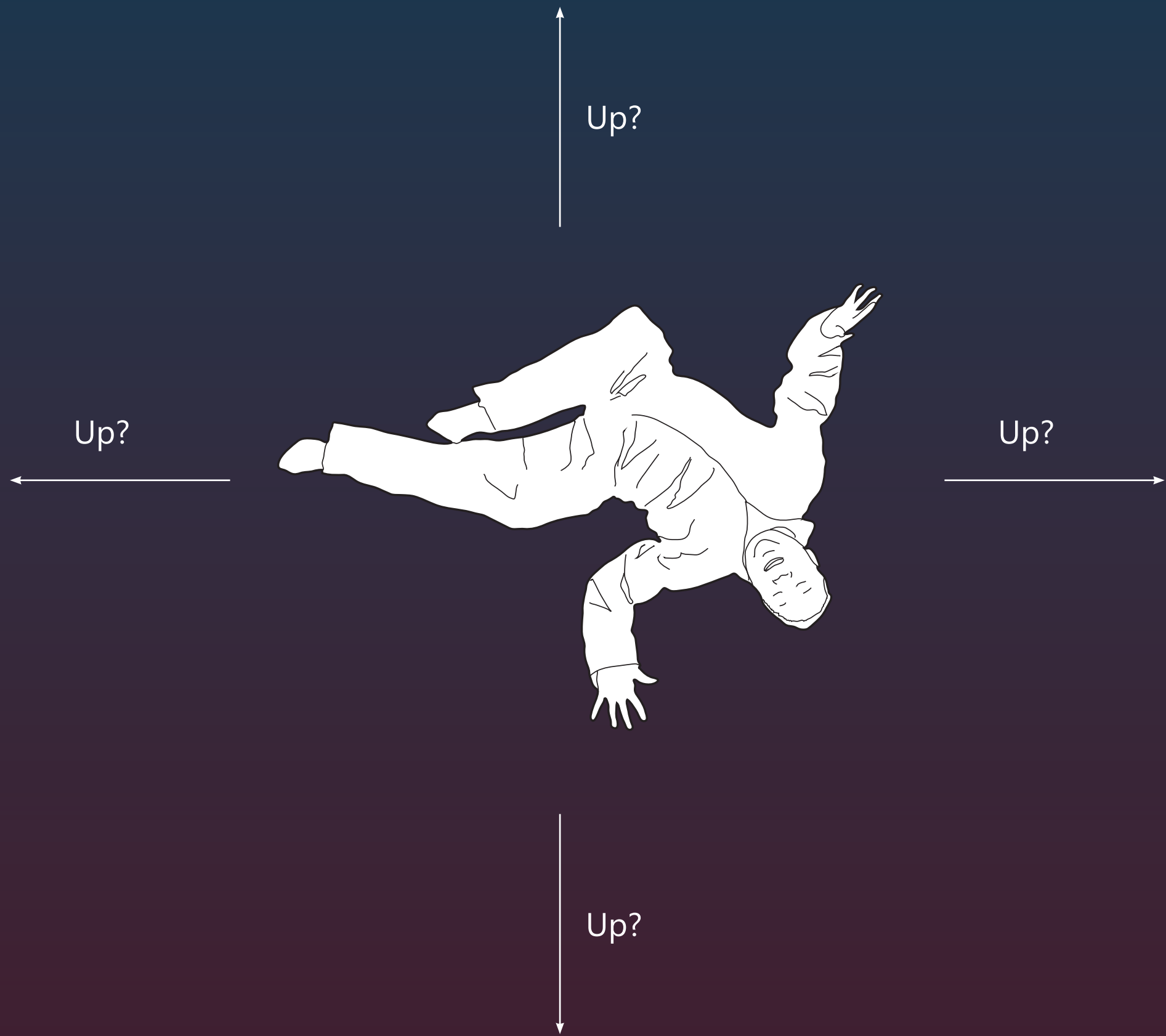




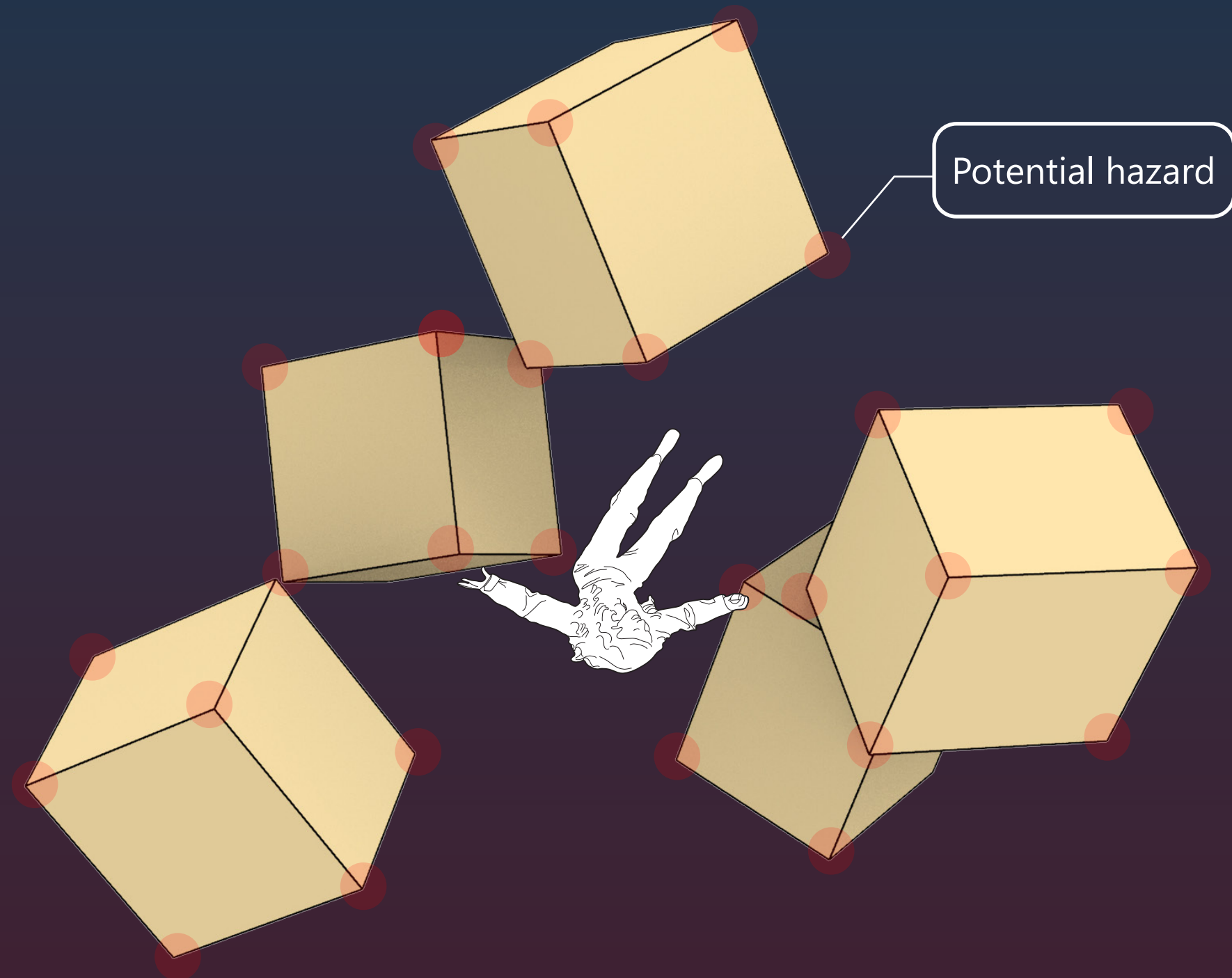










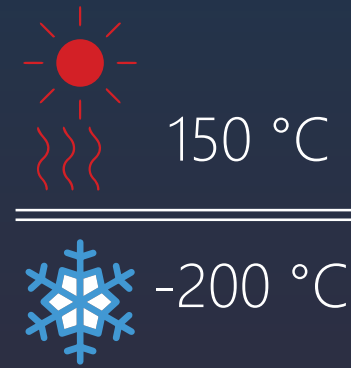


Potential hazard





Cosmic radiation



Extreme temperatures



Vacuum

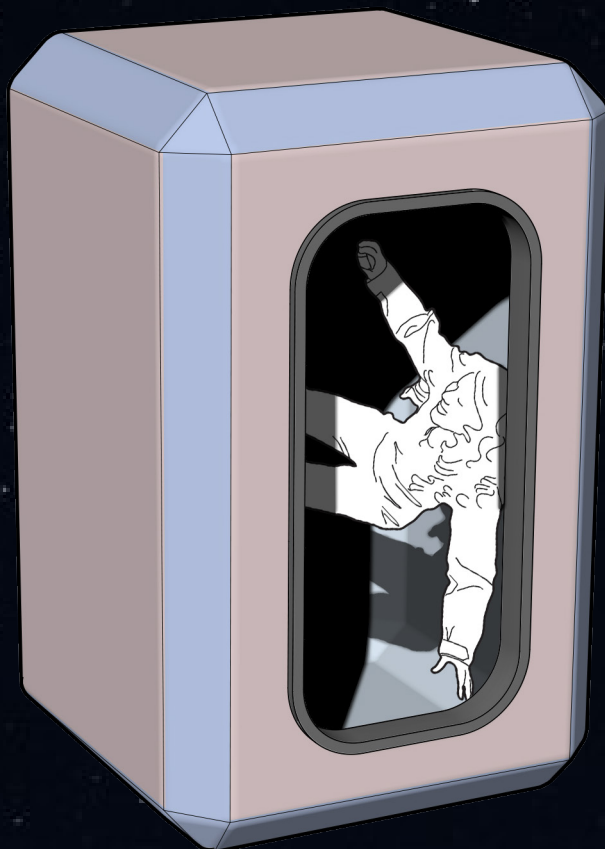


Microgravity



Micrometeorites







Inclusive

Collaborative

Science and  
exploration



Medicine

Fashion

Robotics

Electronics



Manufacturing

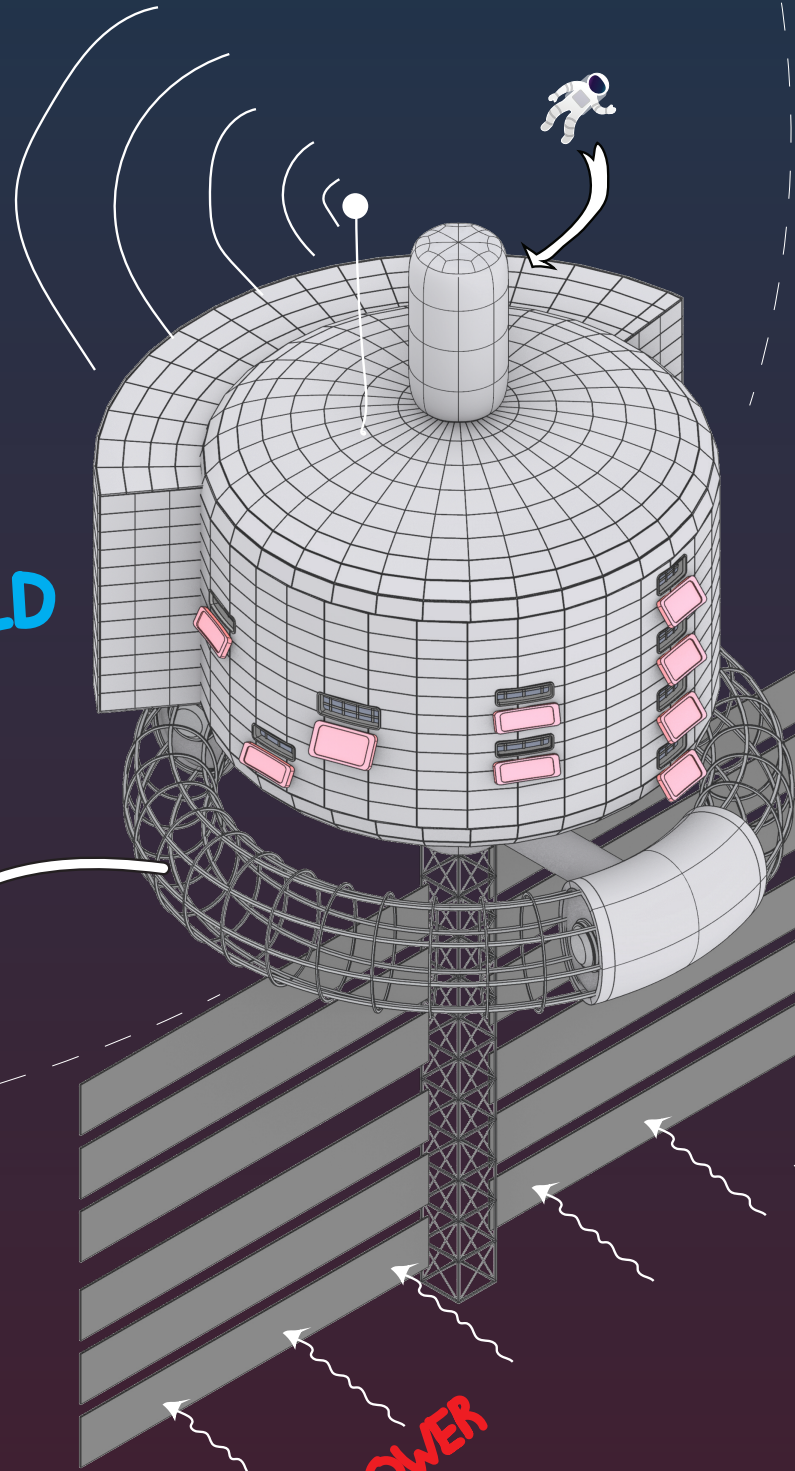


Farming



COLD

L5



MATERIALS

COSMIC RAYS

RADIATION

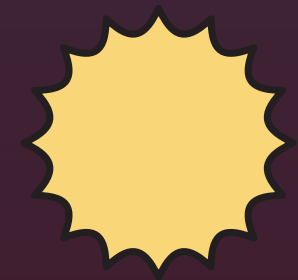
MATERIALS



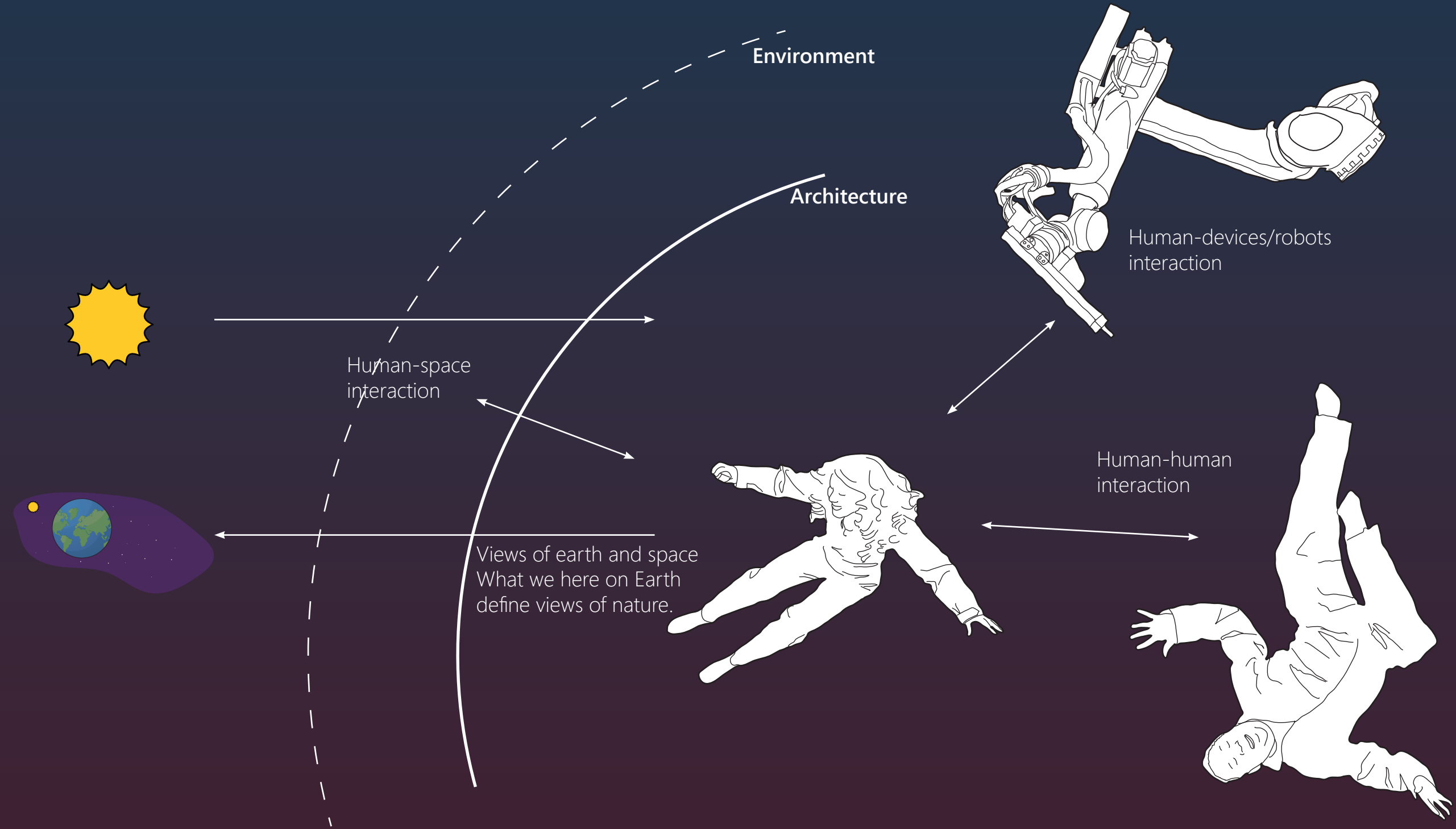
HOT

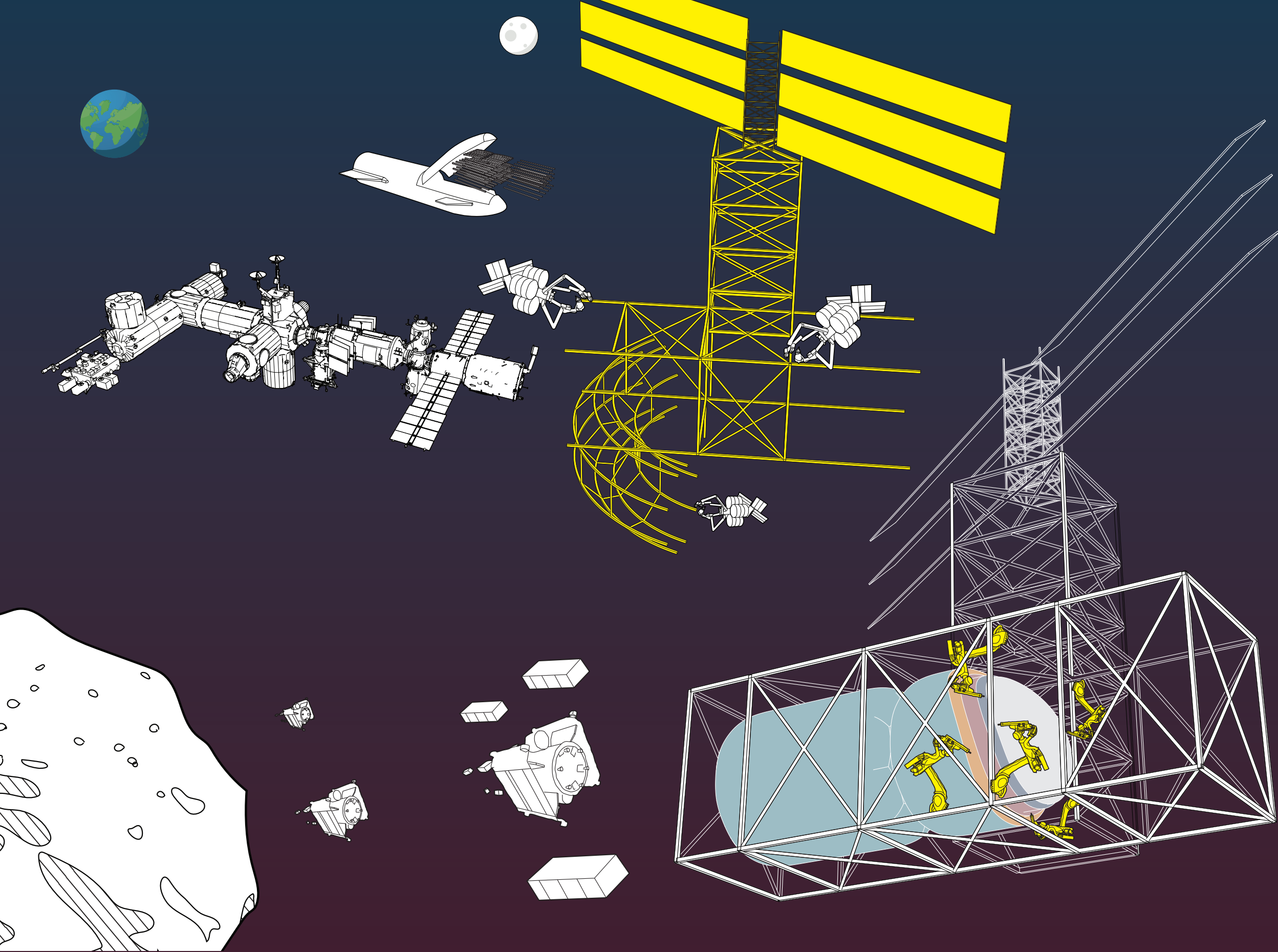
RADIATION

POWER

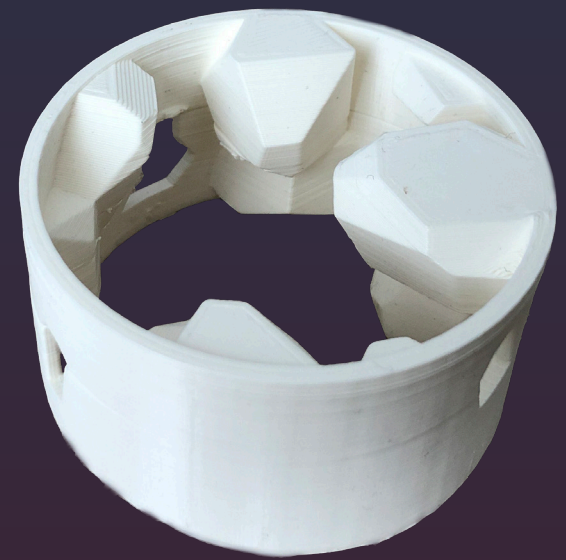
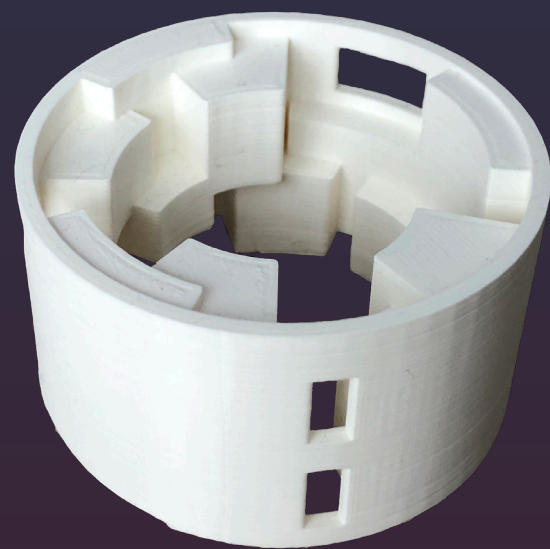
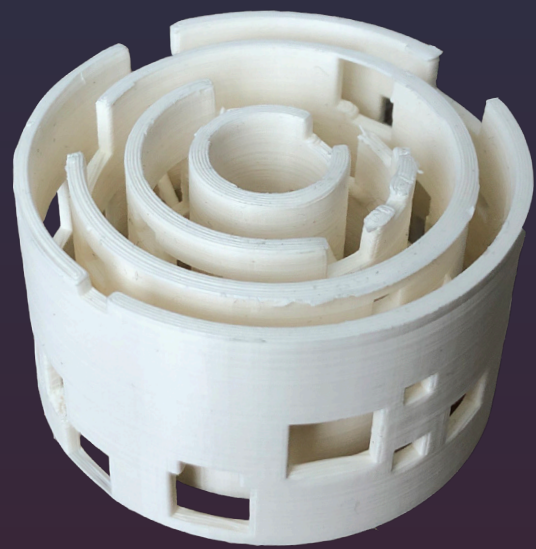










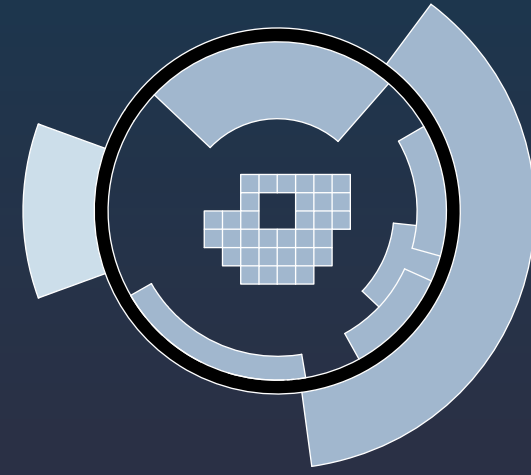




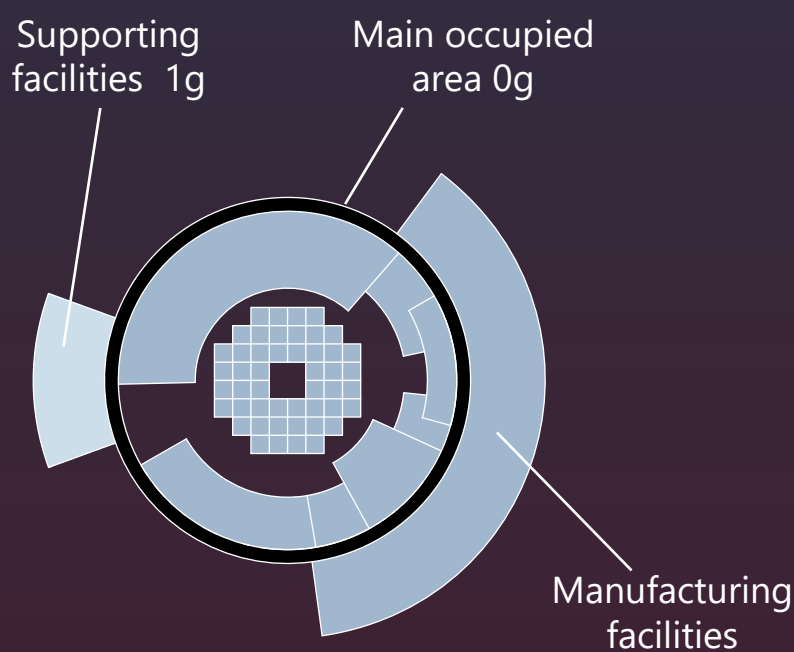
Stage 1



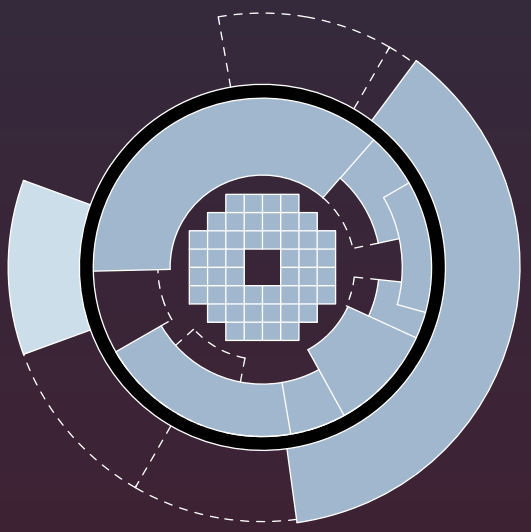
Stage 2



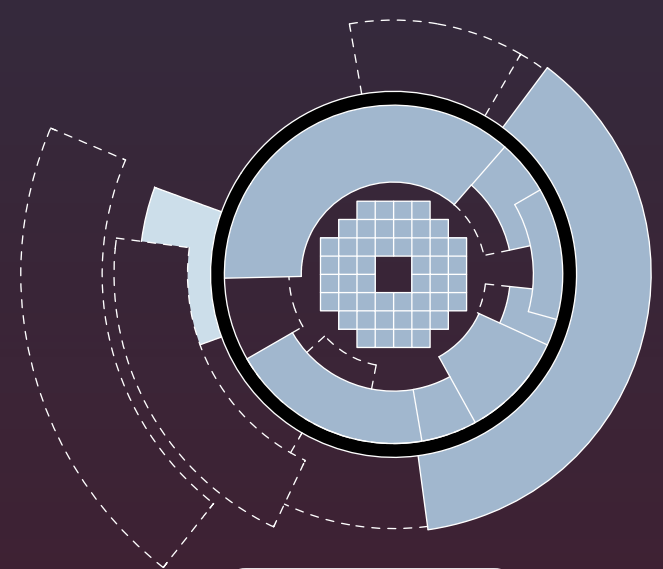
Stage 3



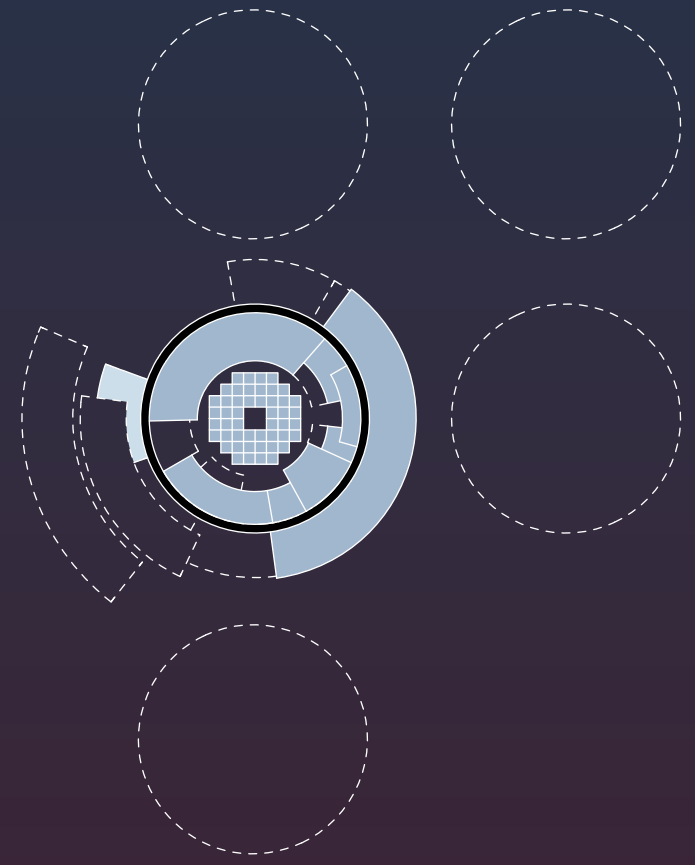
Stage 4



Stage 5

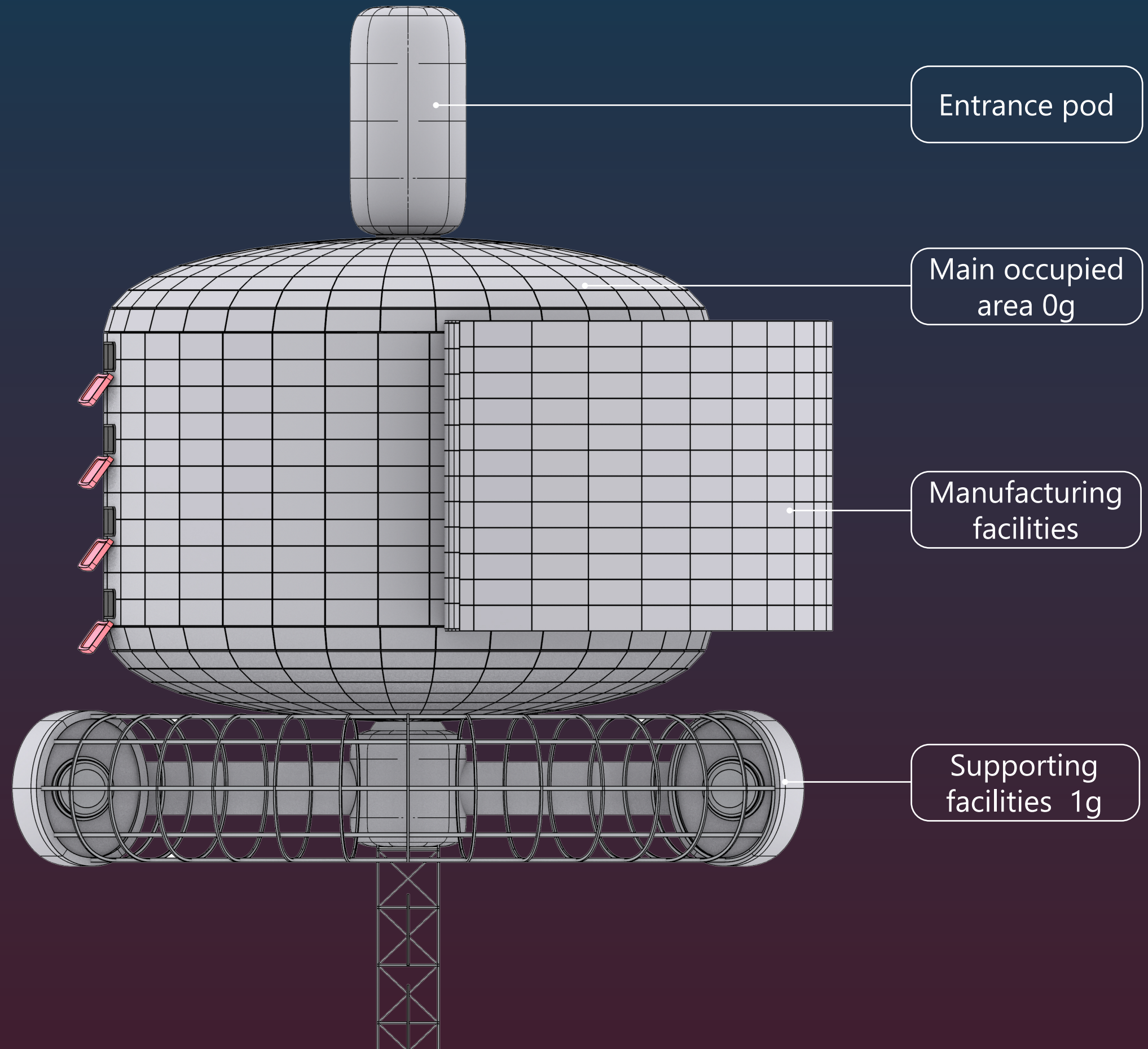


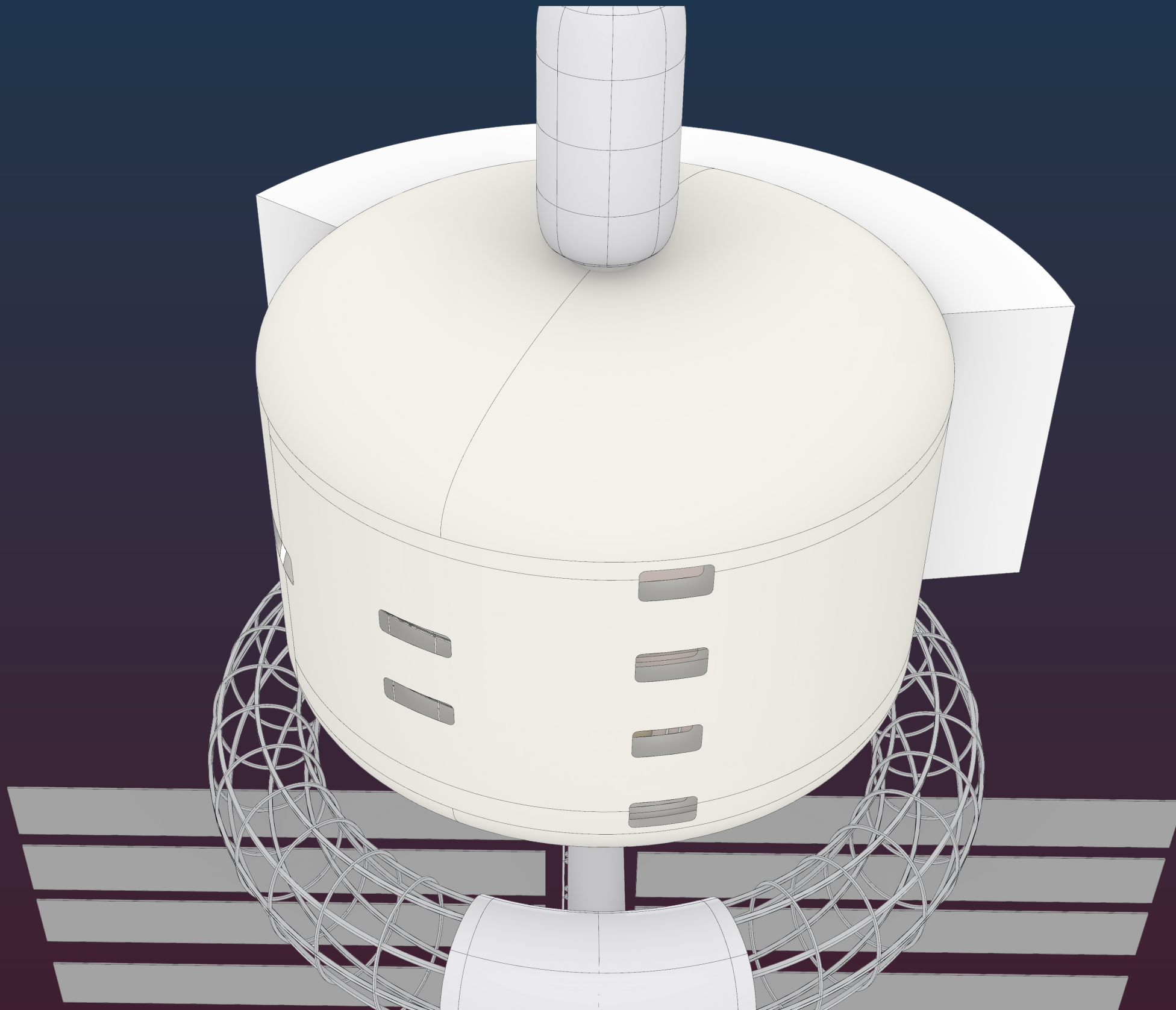
Stage 6



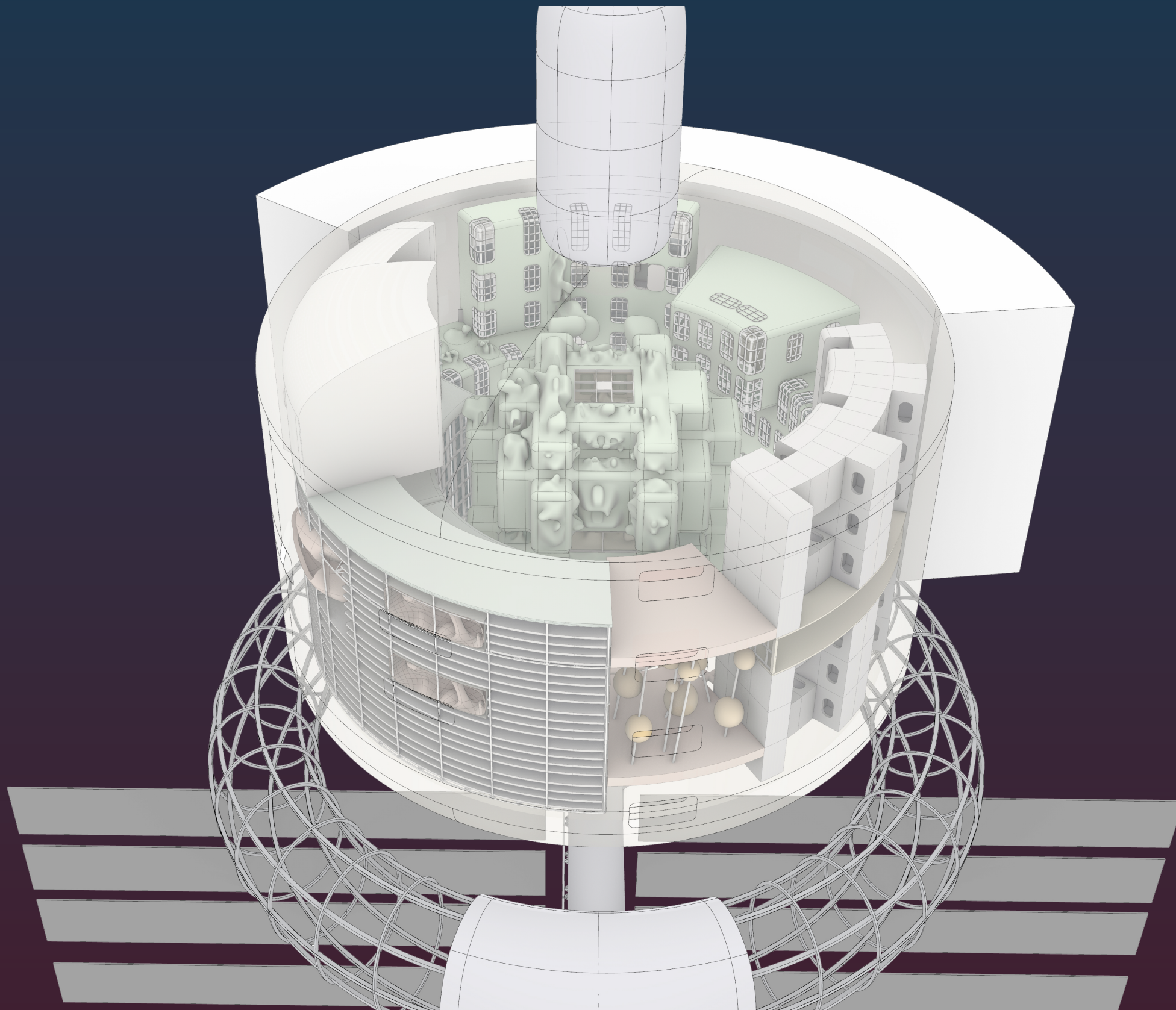
Stage 7

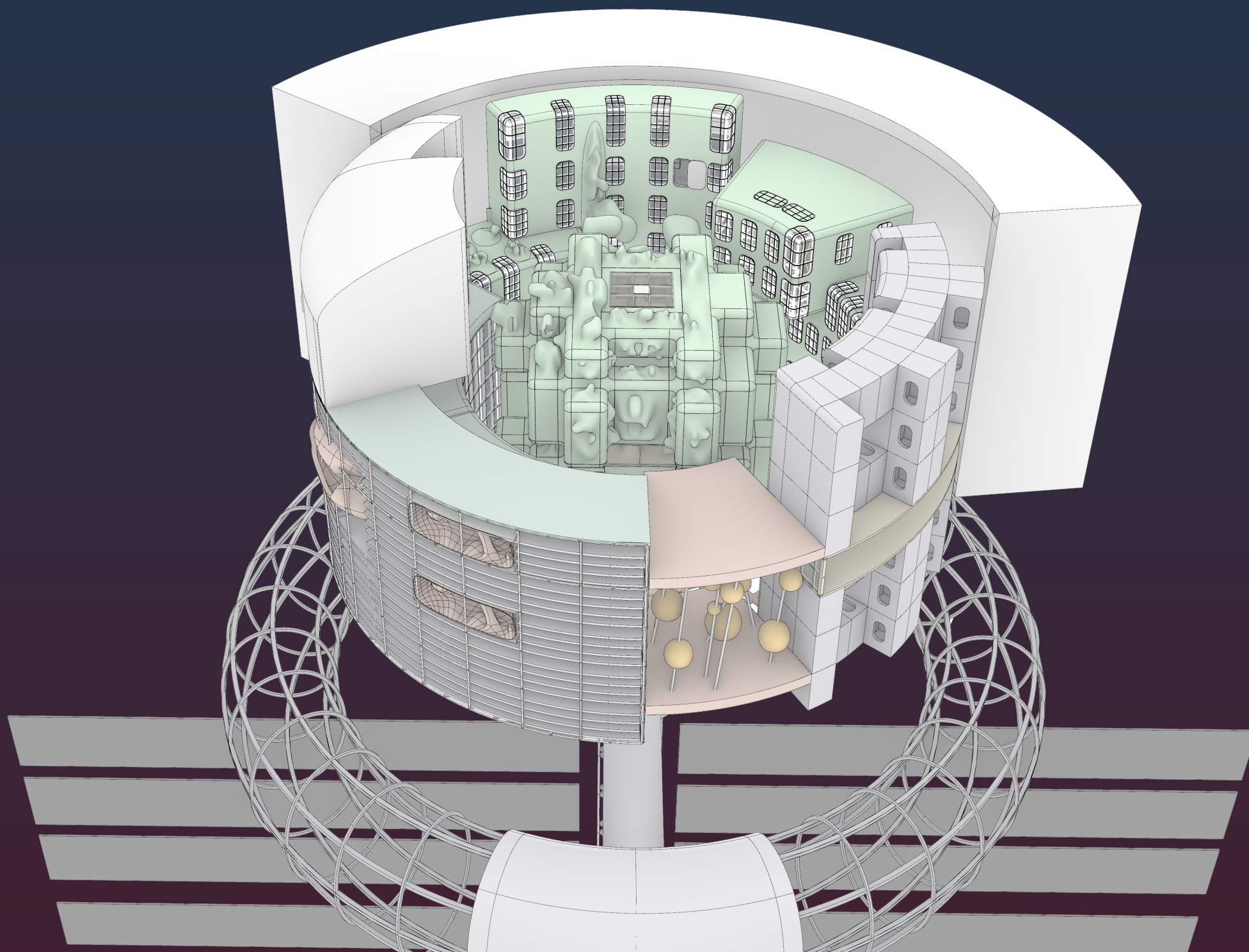




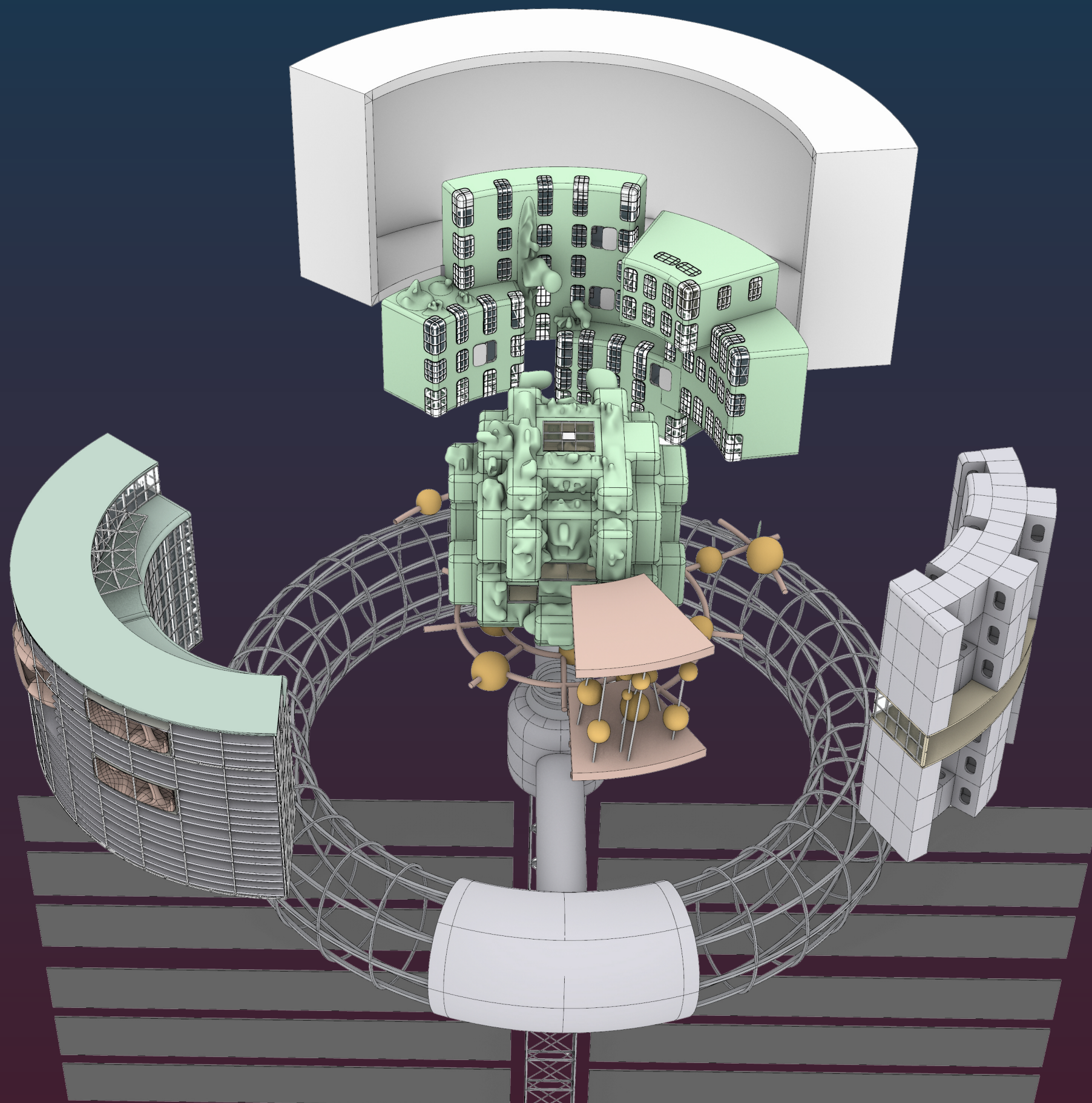


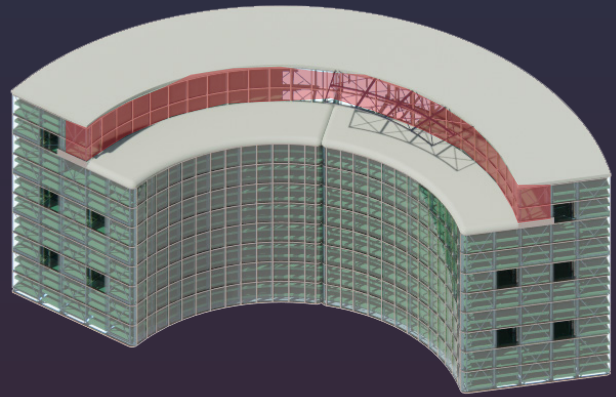




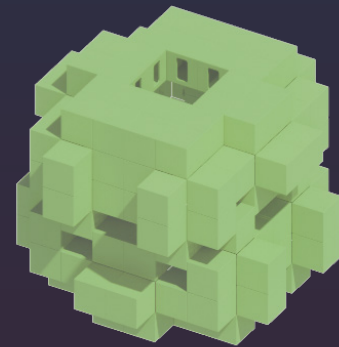




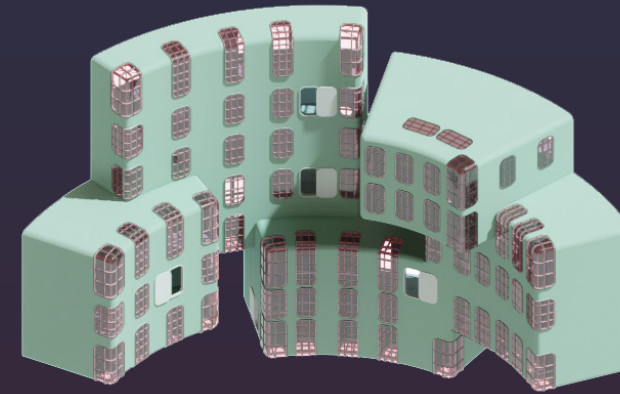




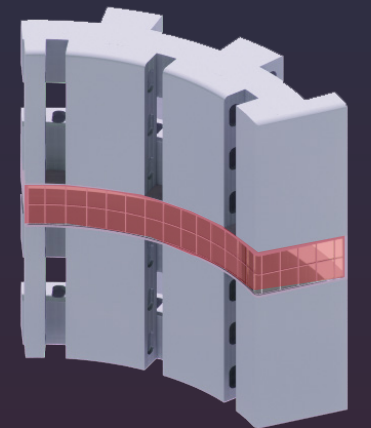
Vertical farming, shops,  
cafe, exhibition



Private quarters  
for 80 permanent  
residents

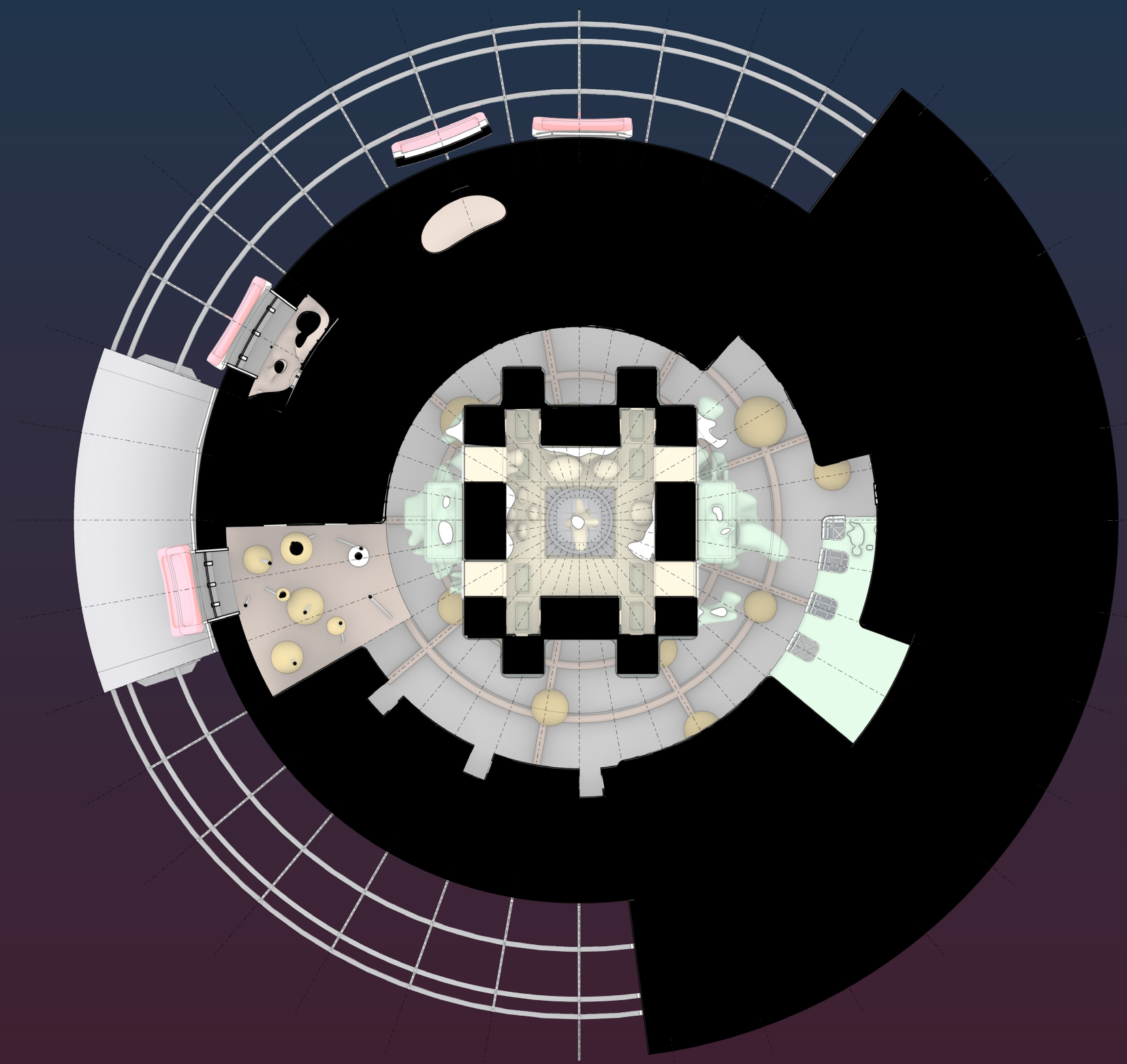


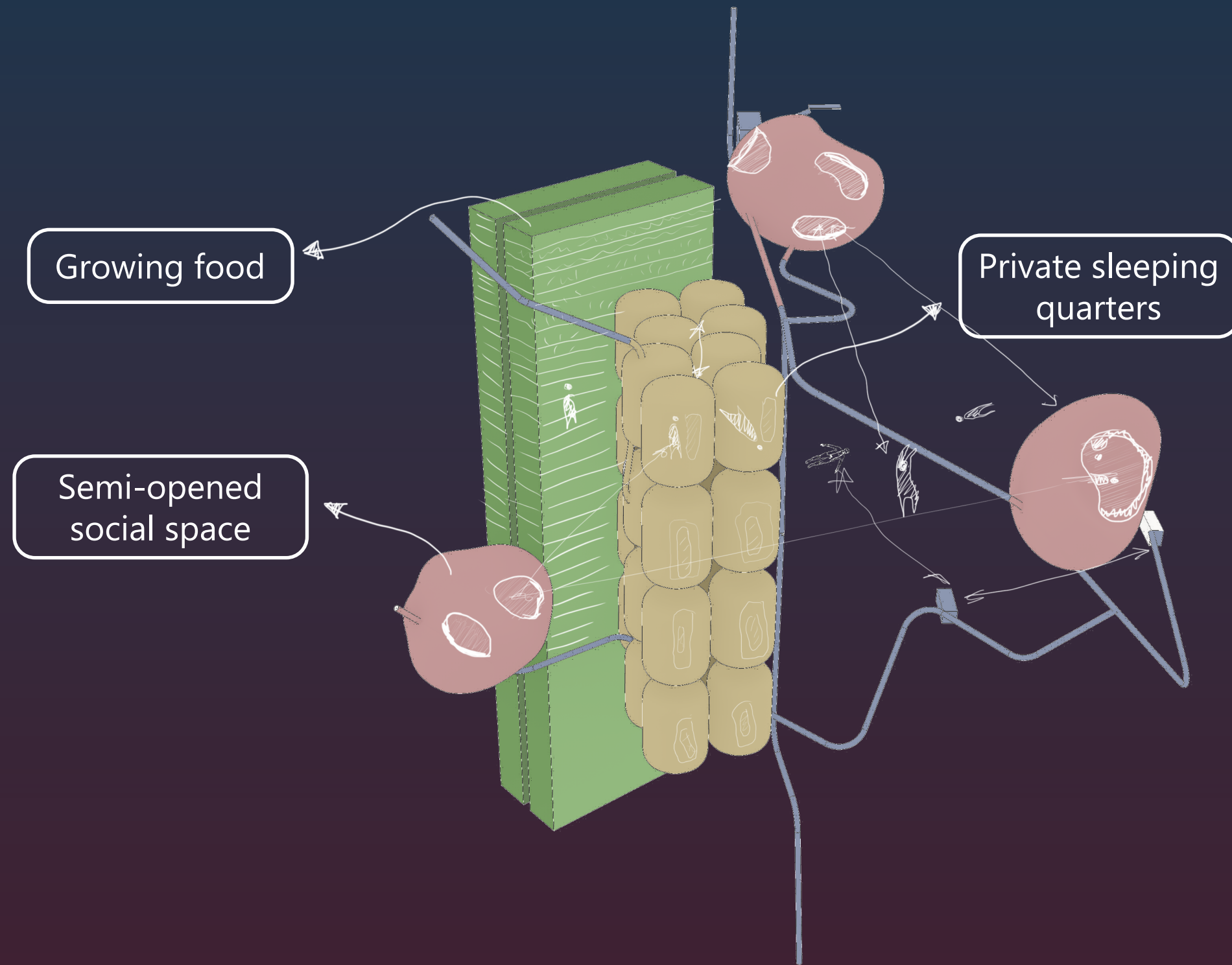
Co-creation  
laboratories



Private quarters  
for 114 visitors  
and training area



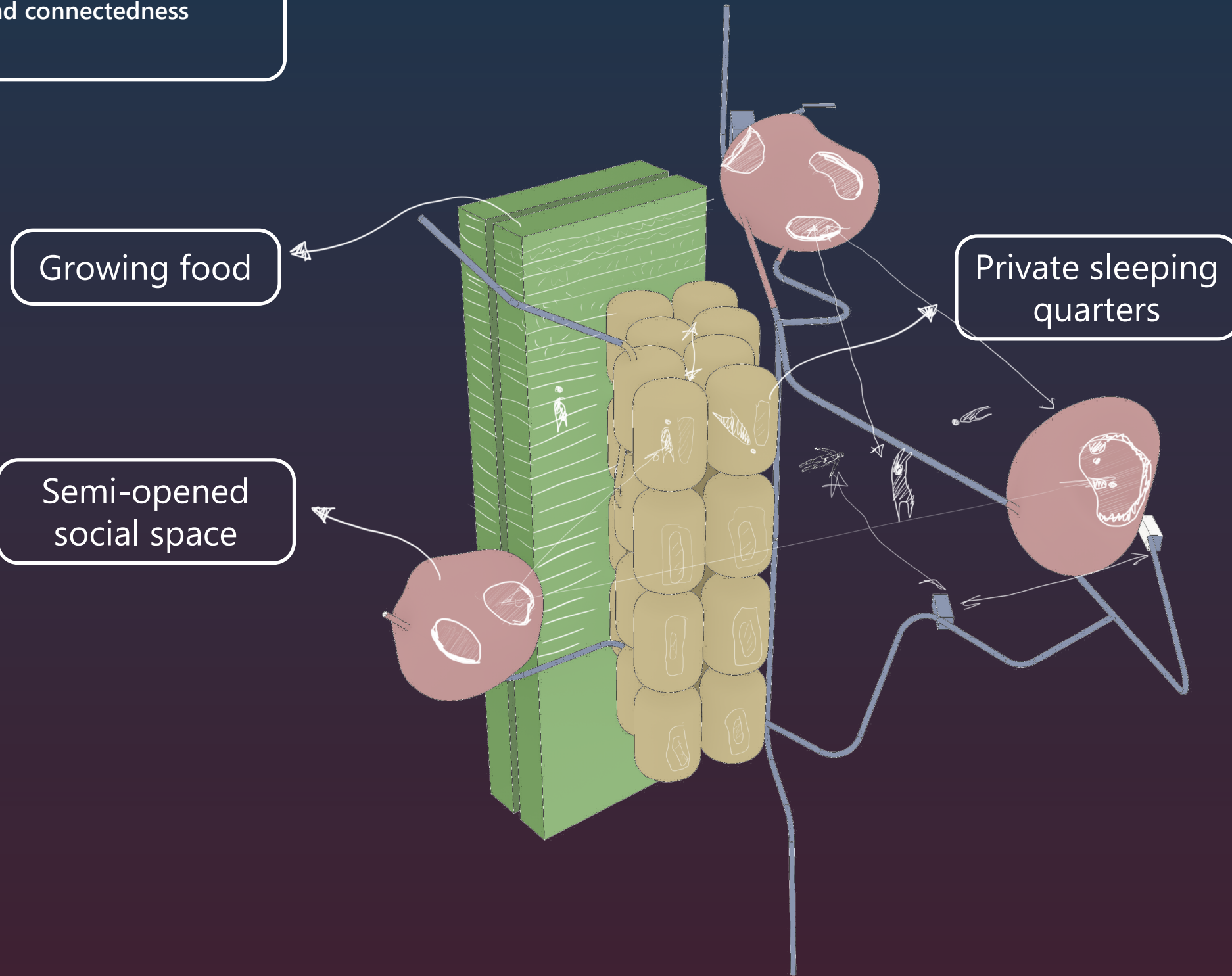








Openness and connectedness





Openness and connectedness

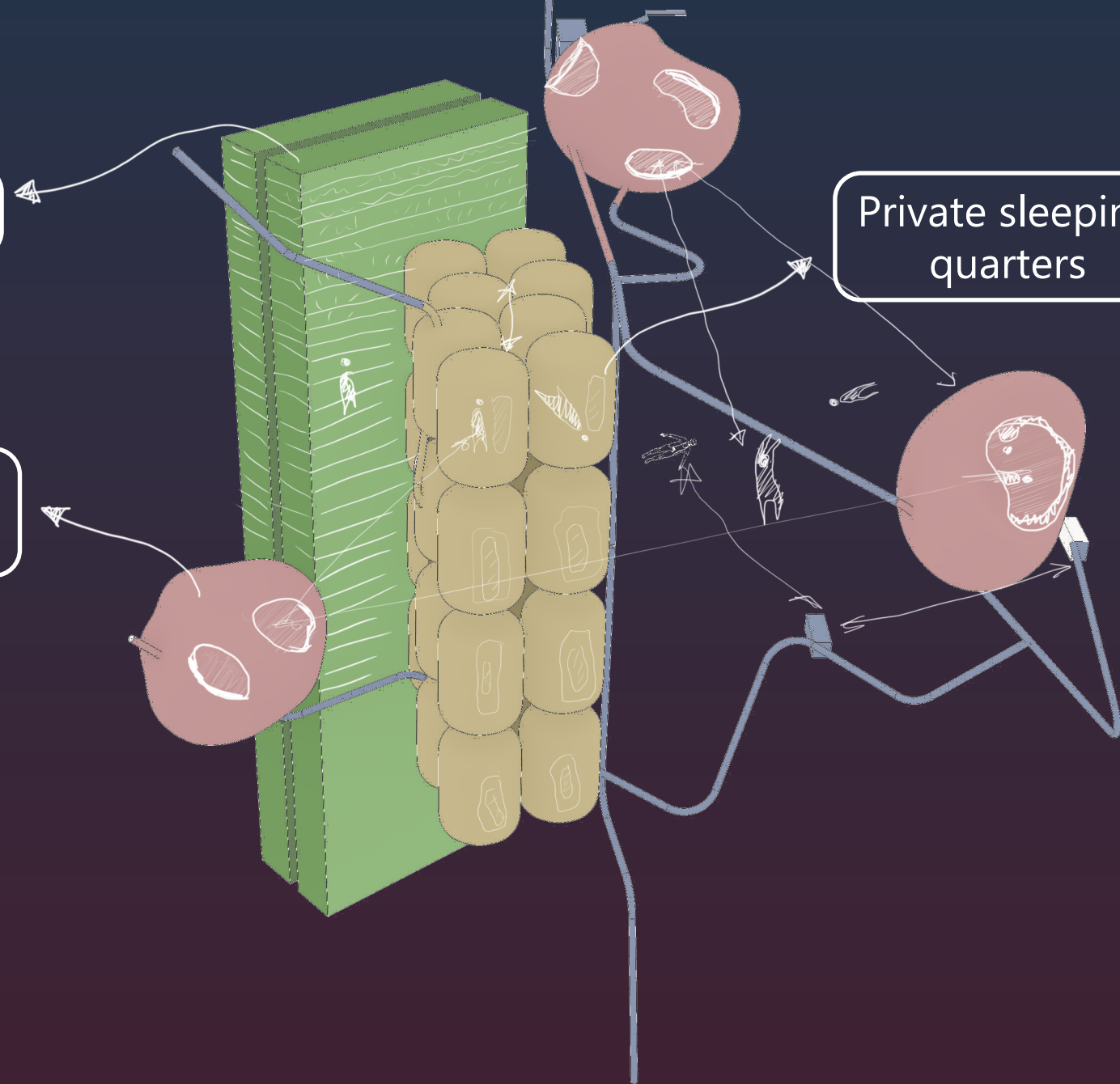


Flexibility. Freedom to change their environment

Growing food

Semi-opened social space

Private sleeping quarters







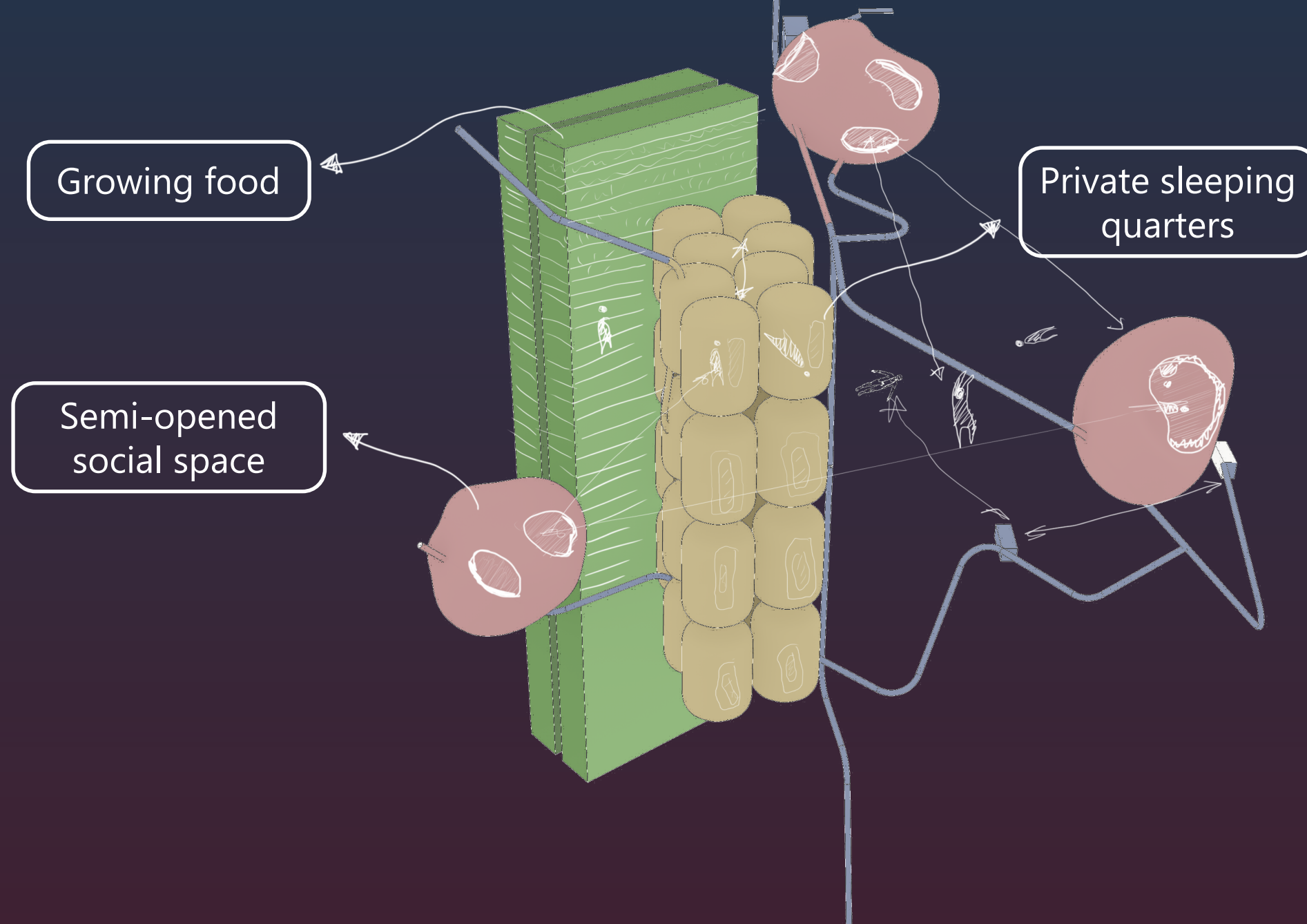
Openness and connectedness



Flexibility. Freedom to change their environment



Playful





Openness and connectedness



Flexibility. Freedom to change their environment



Playful

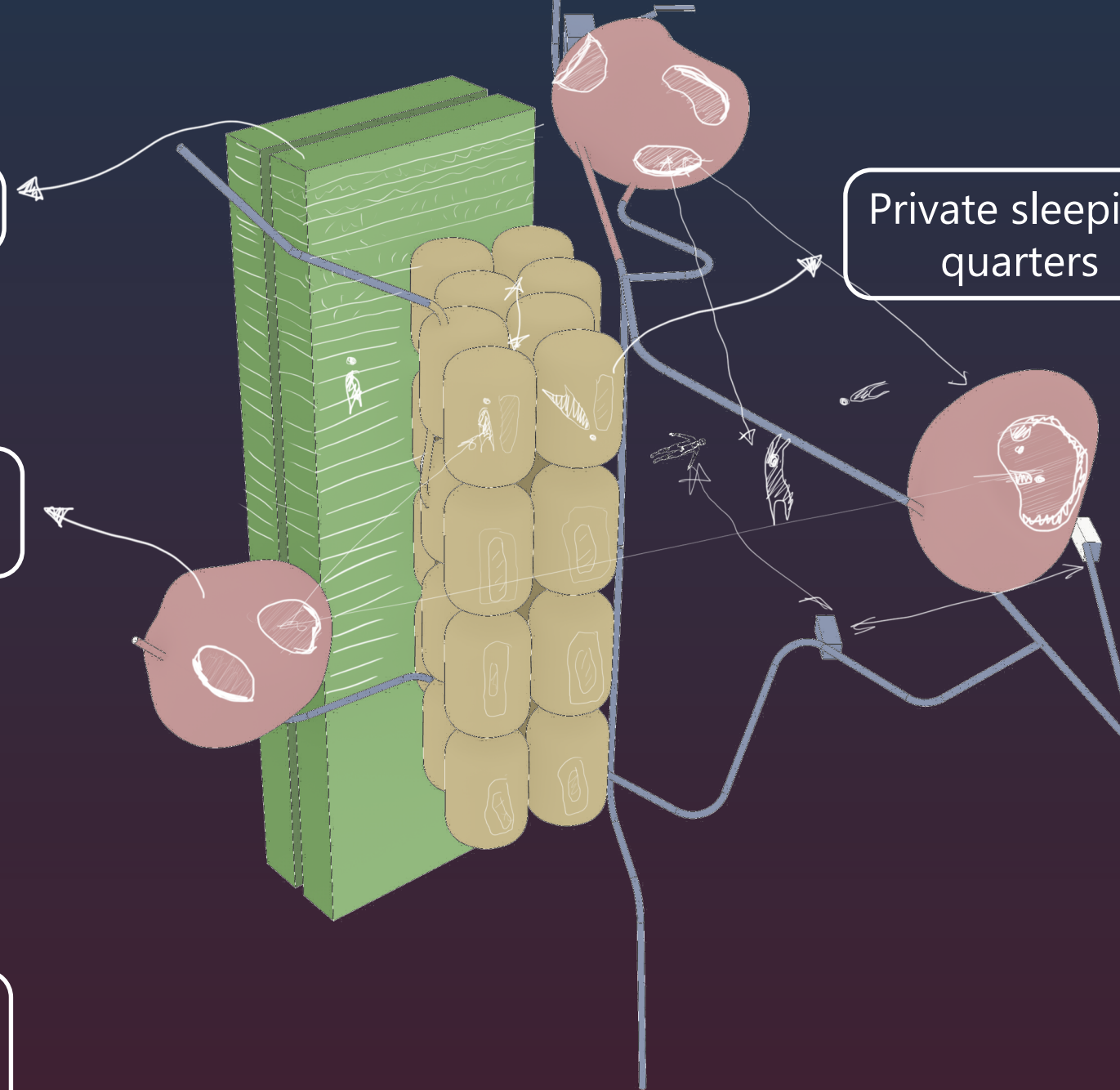
Growing food

Semi-opened social space

Private sleeping quarters



Co-creation, collaboration,  
and working interdisciplinary







Openness and connectedness



Flexibility. Freedom to change their environment



Playful

Growing food

Semi-opened social space

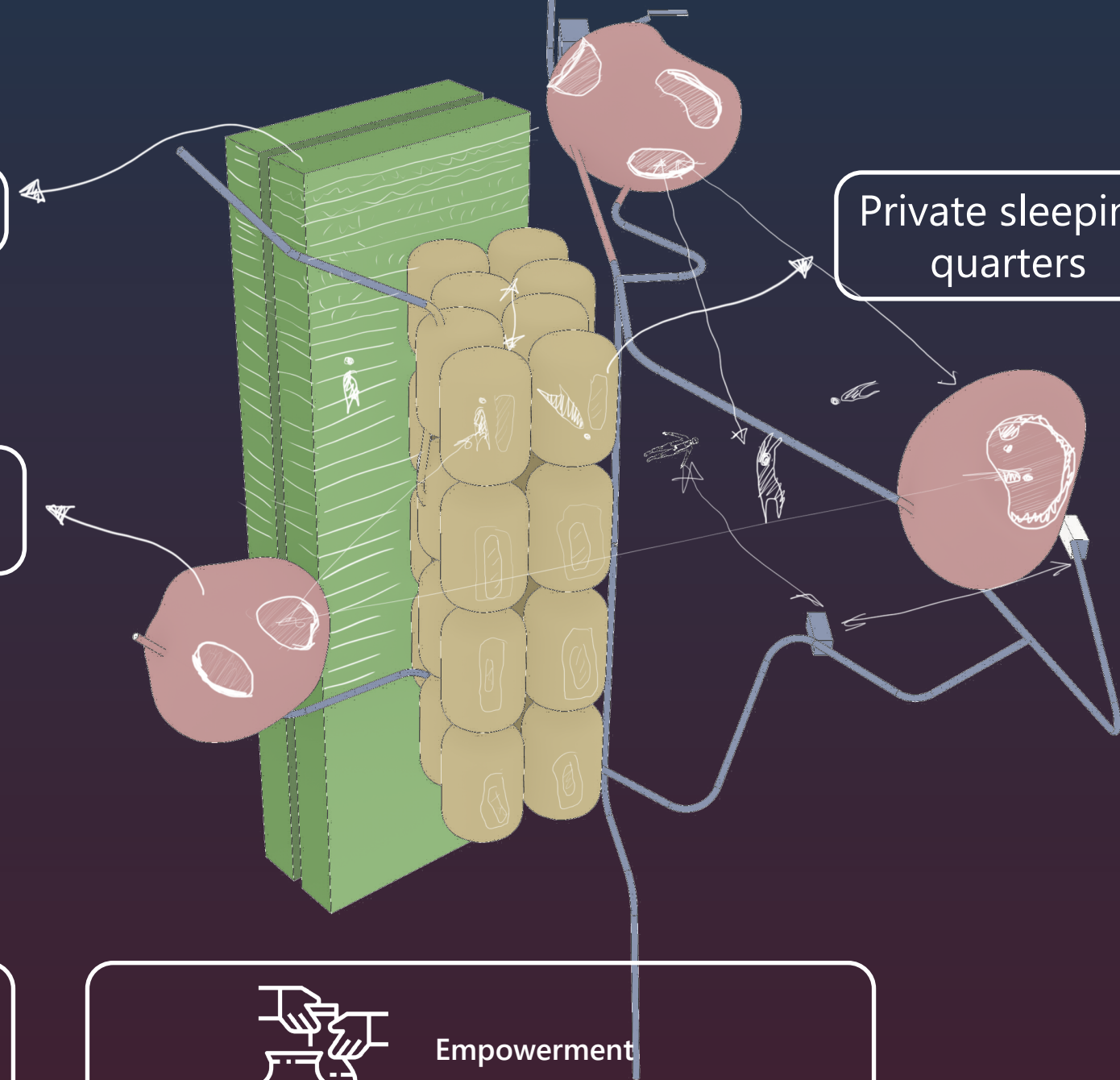
Private sleeping quarters



Co-creation, collaboration, and working interdisciplinary



Empowerment





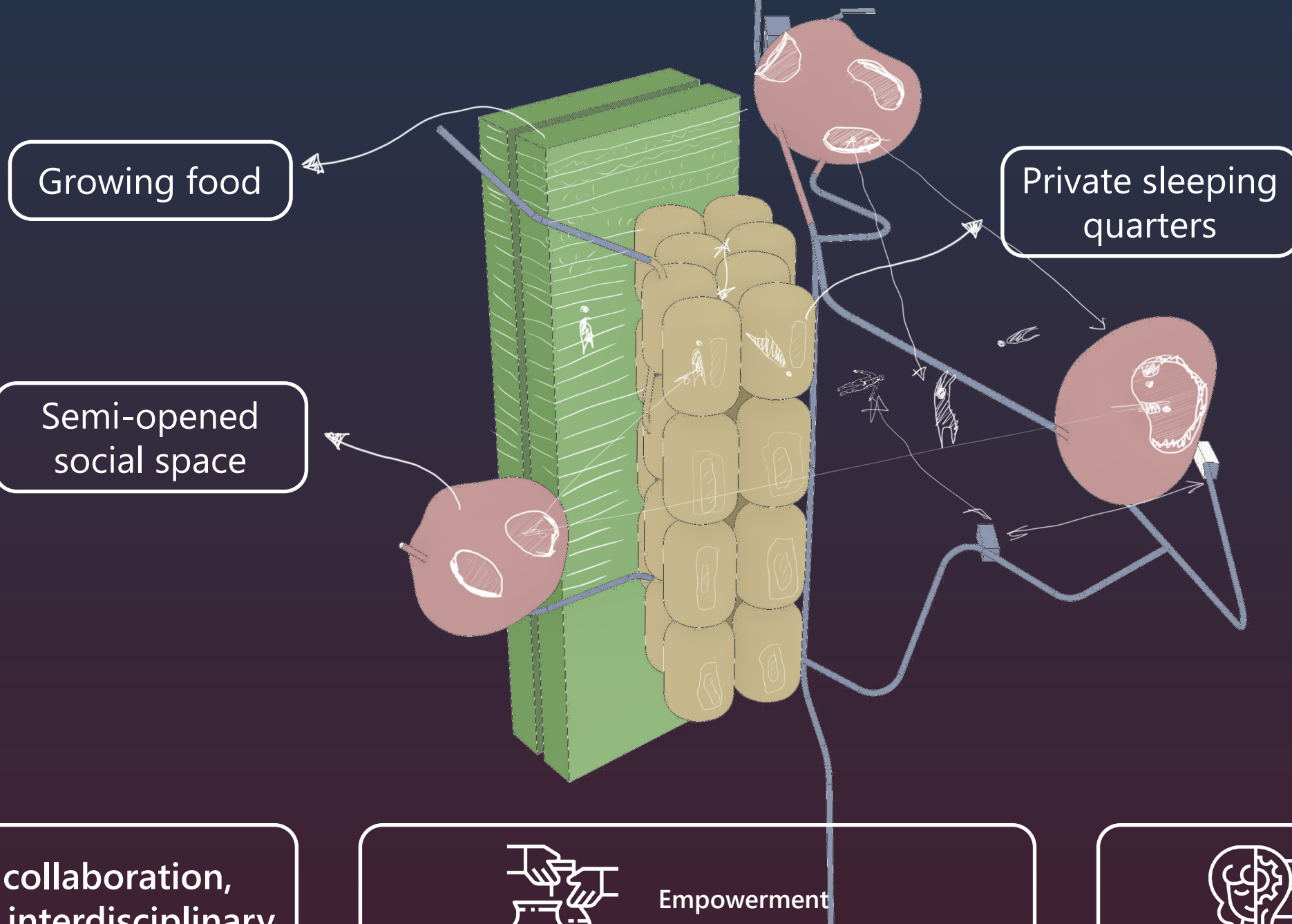
Openness and connectedness



Flexibility. Freedom to change their environment



Playful



Co-creation, collaboration, and working interdisciplinary



Empowerment



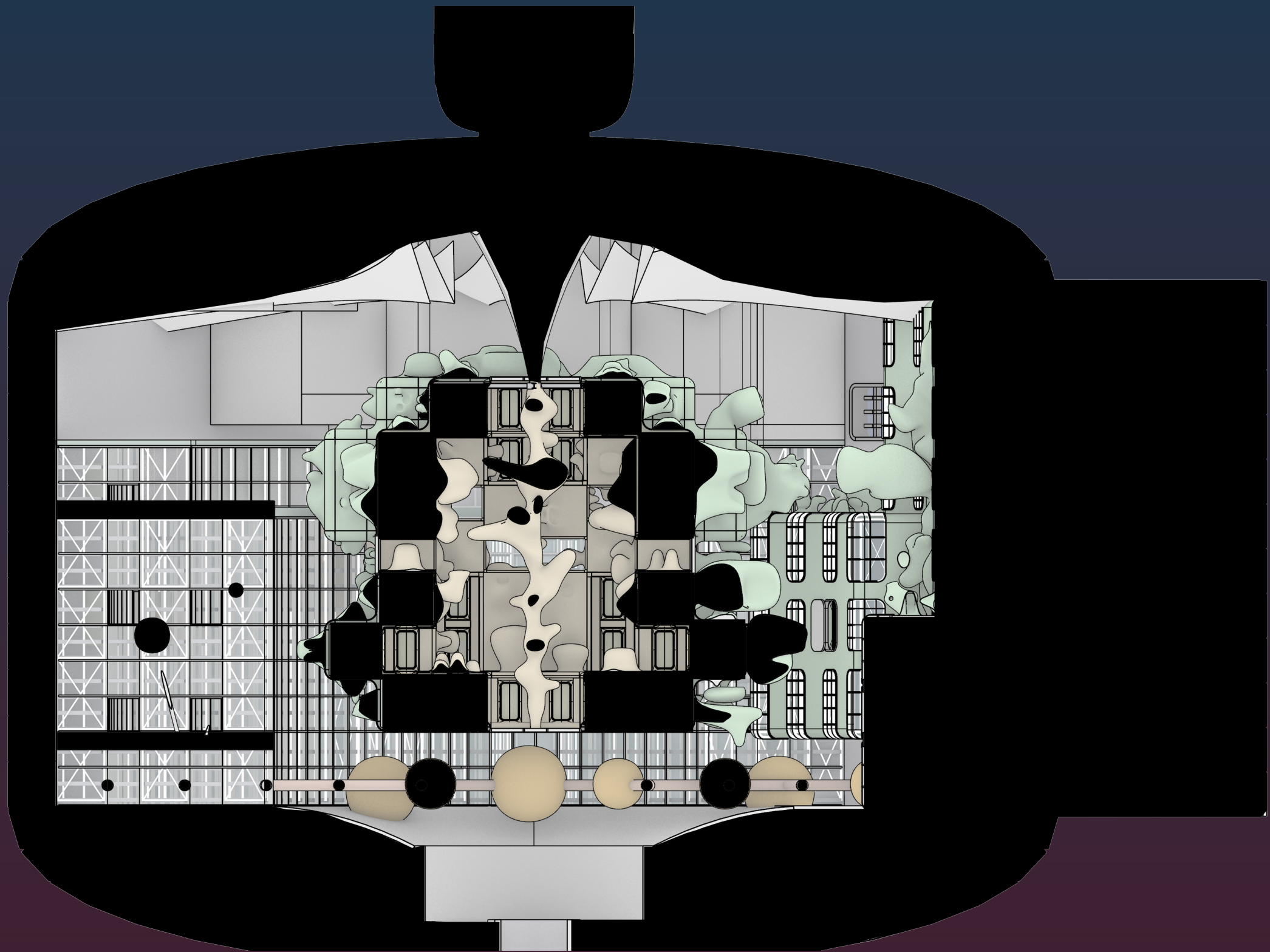
Freedom for people to decide how the community will grow

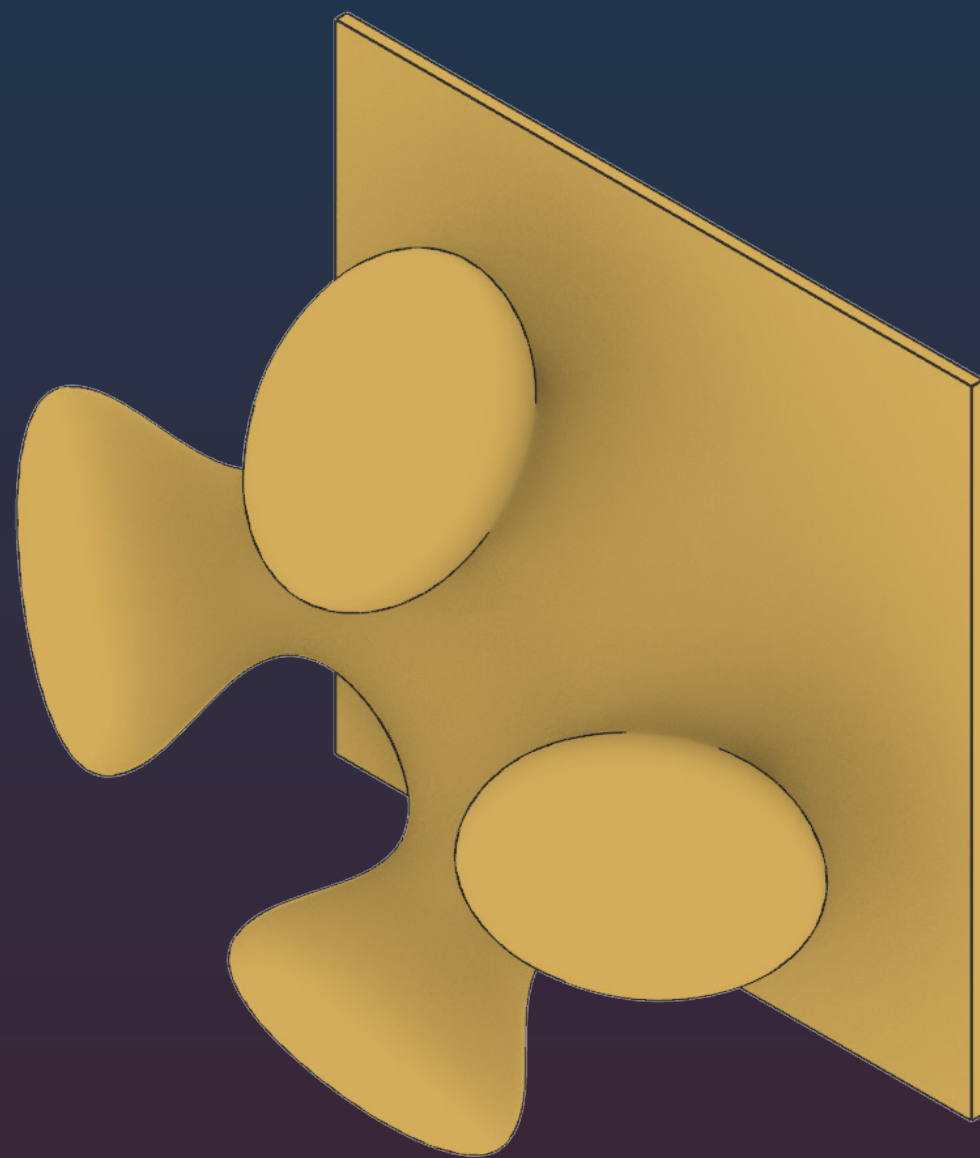
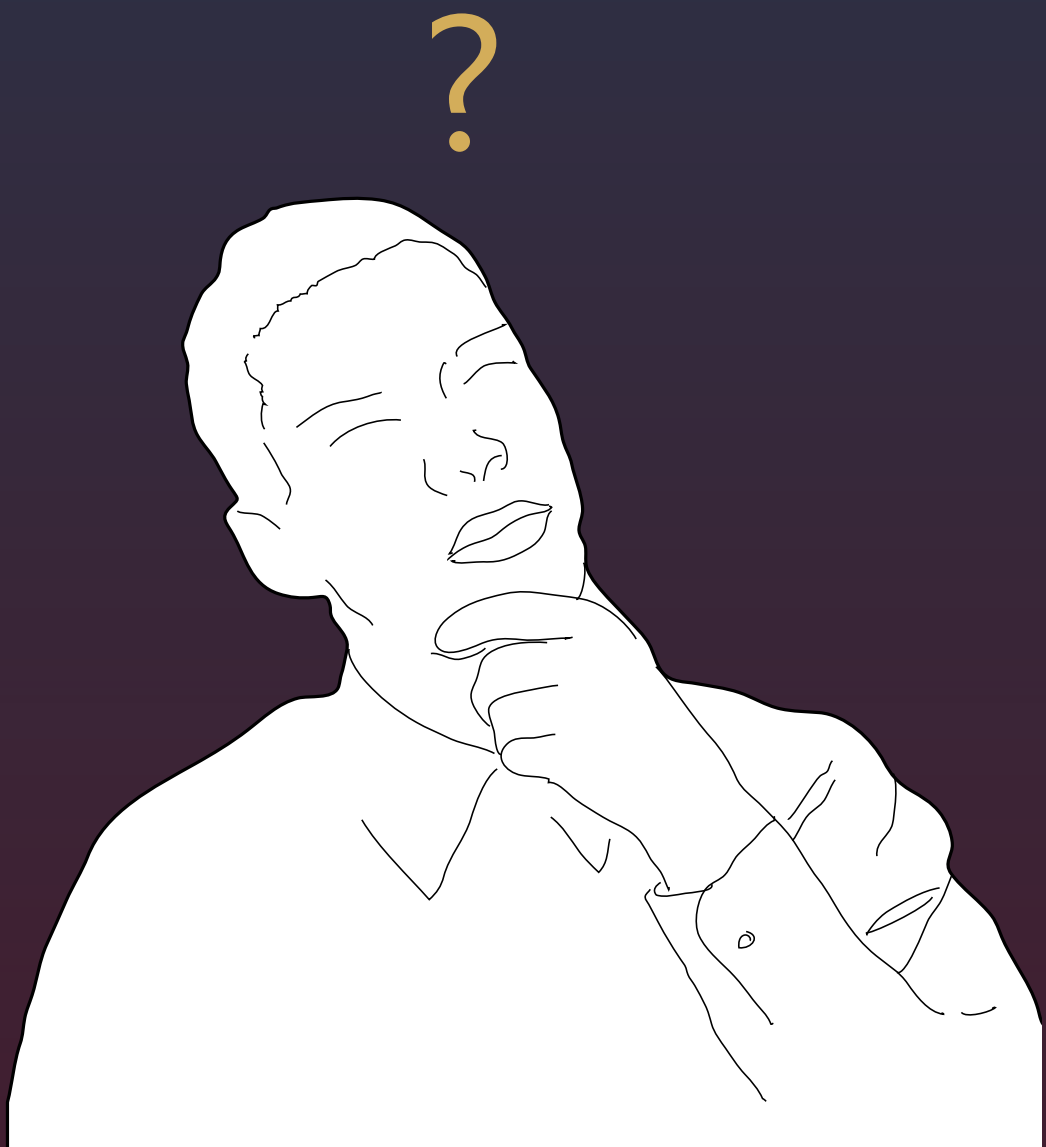




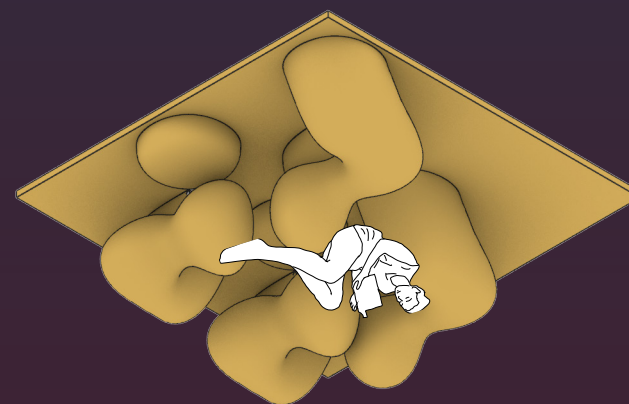
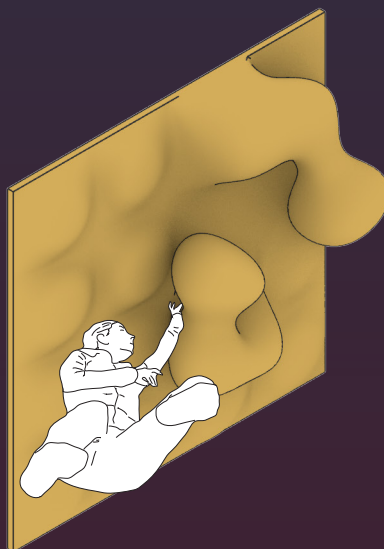
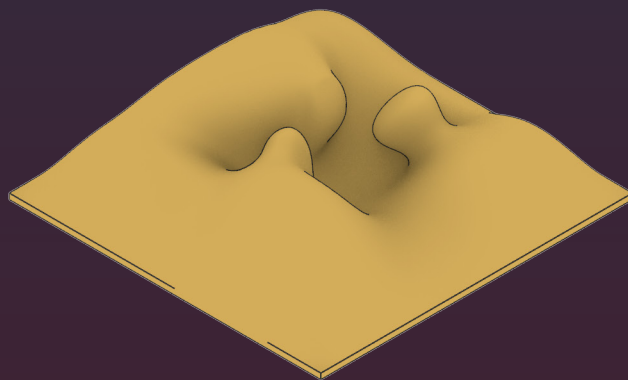
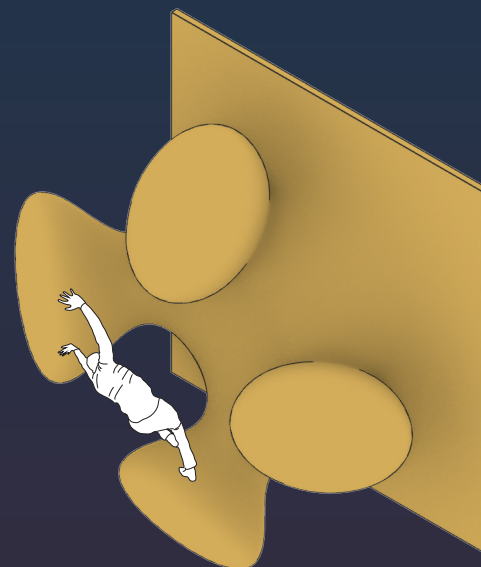
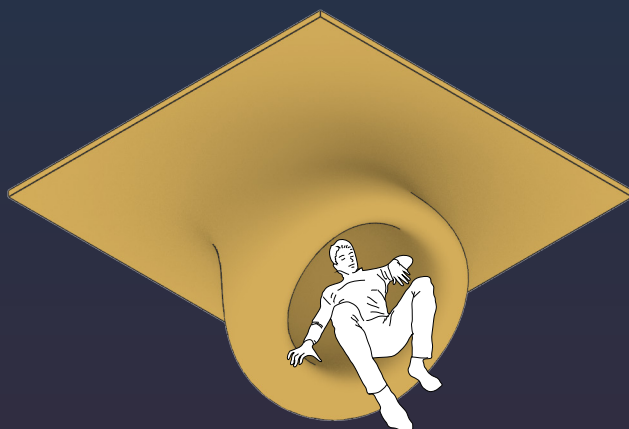
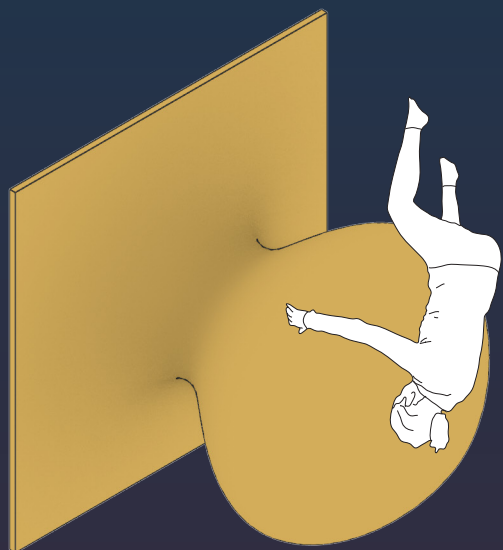


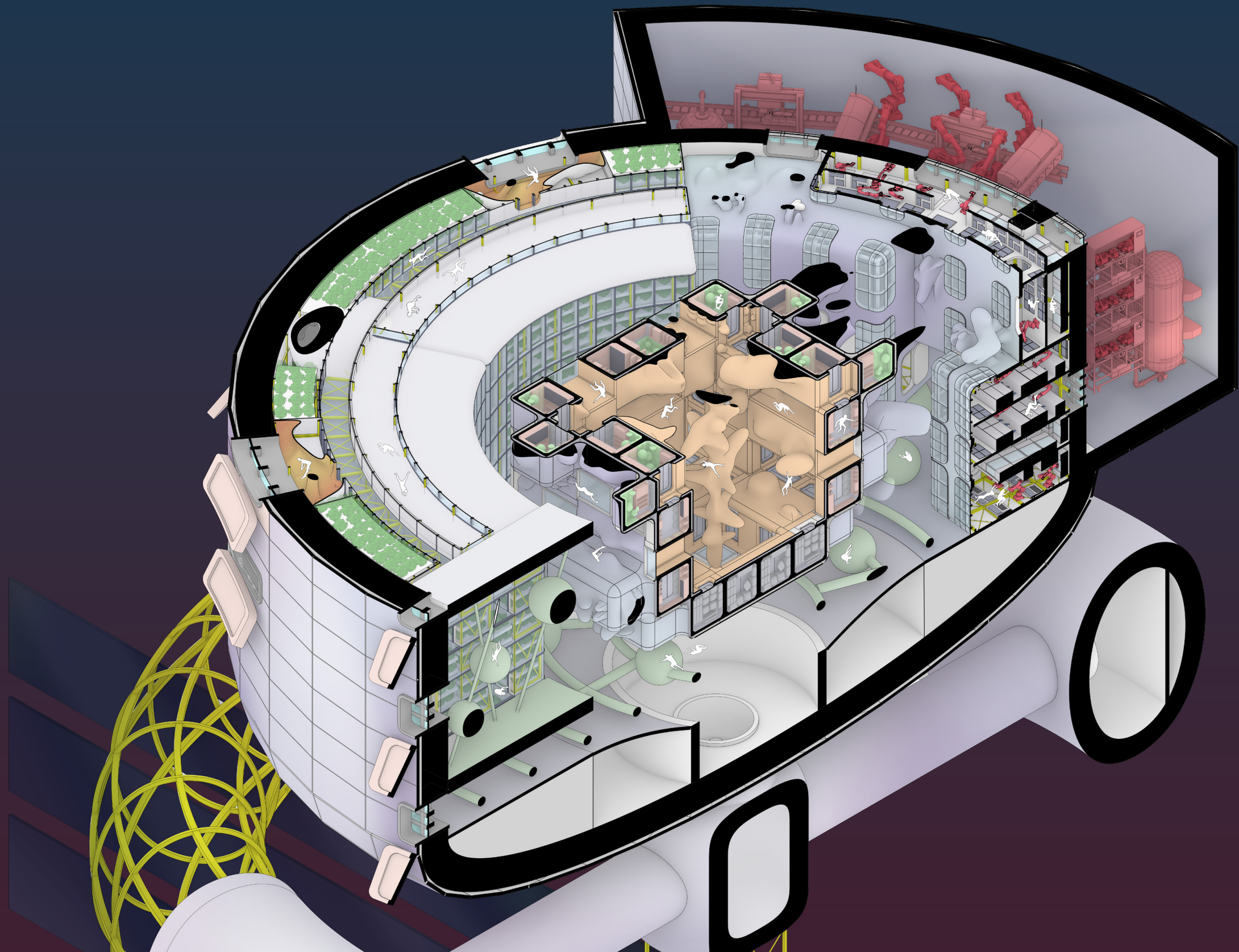














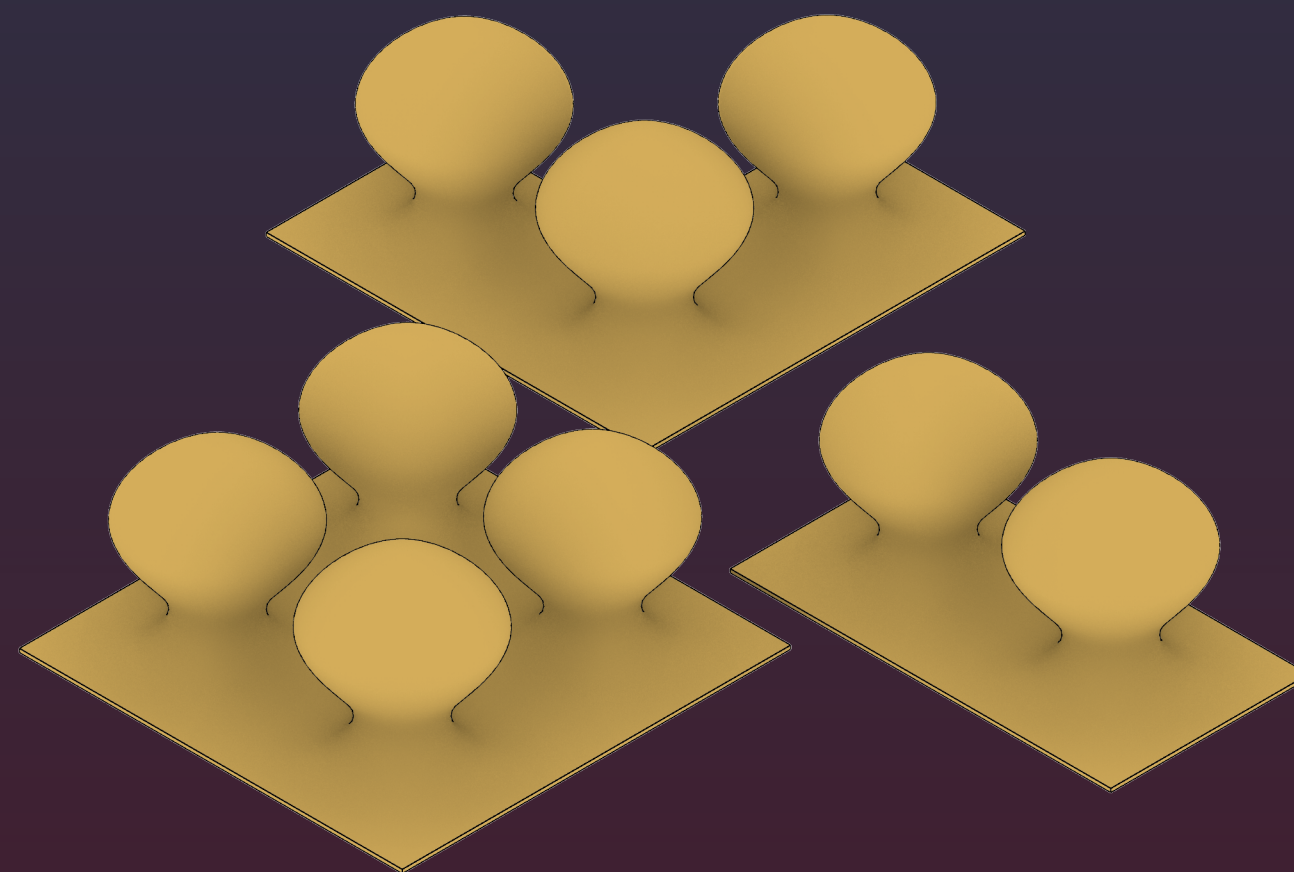
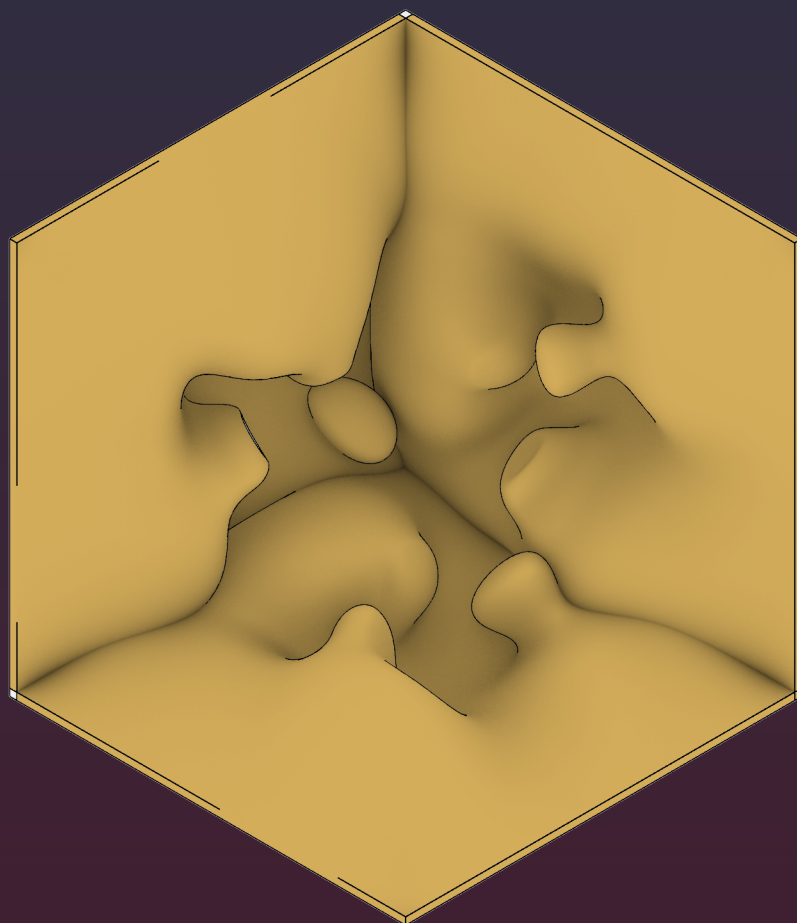
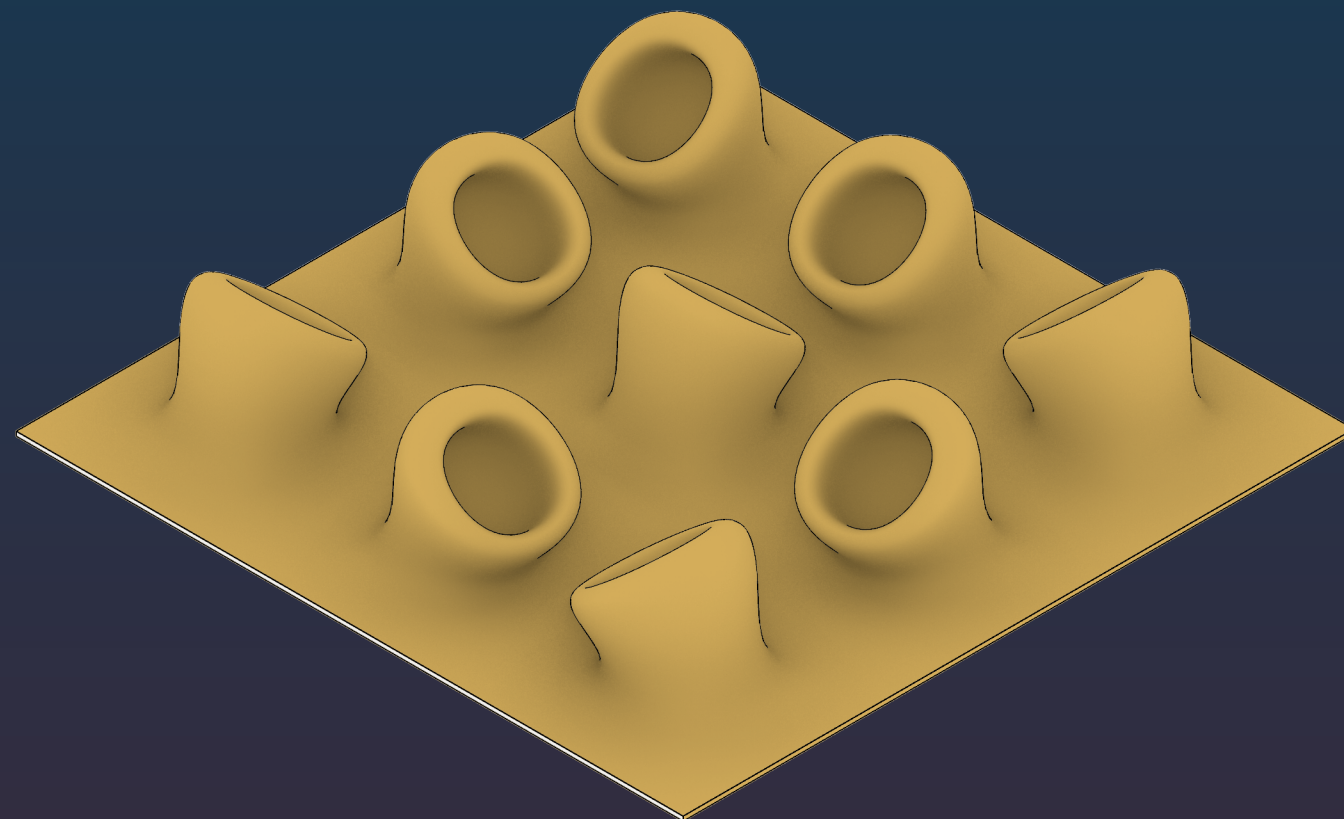




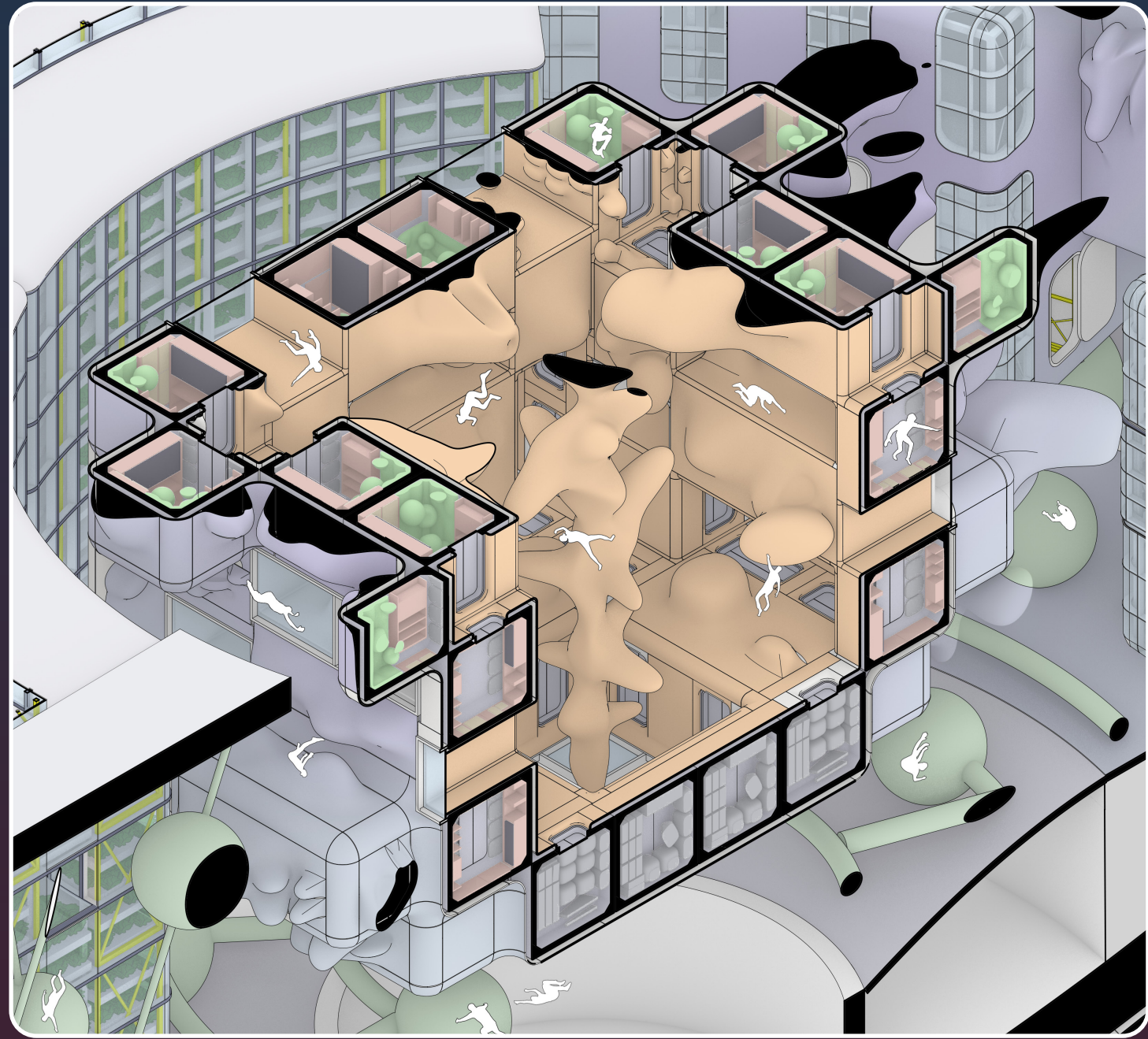
Animation atmosphere



# Animation Interior



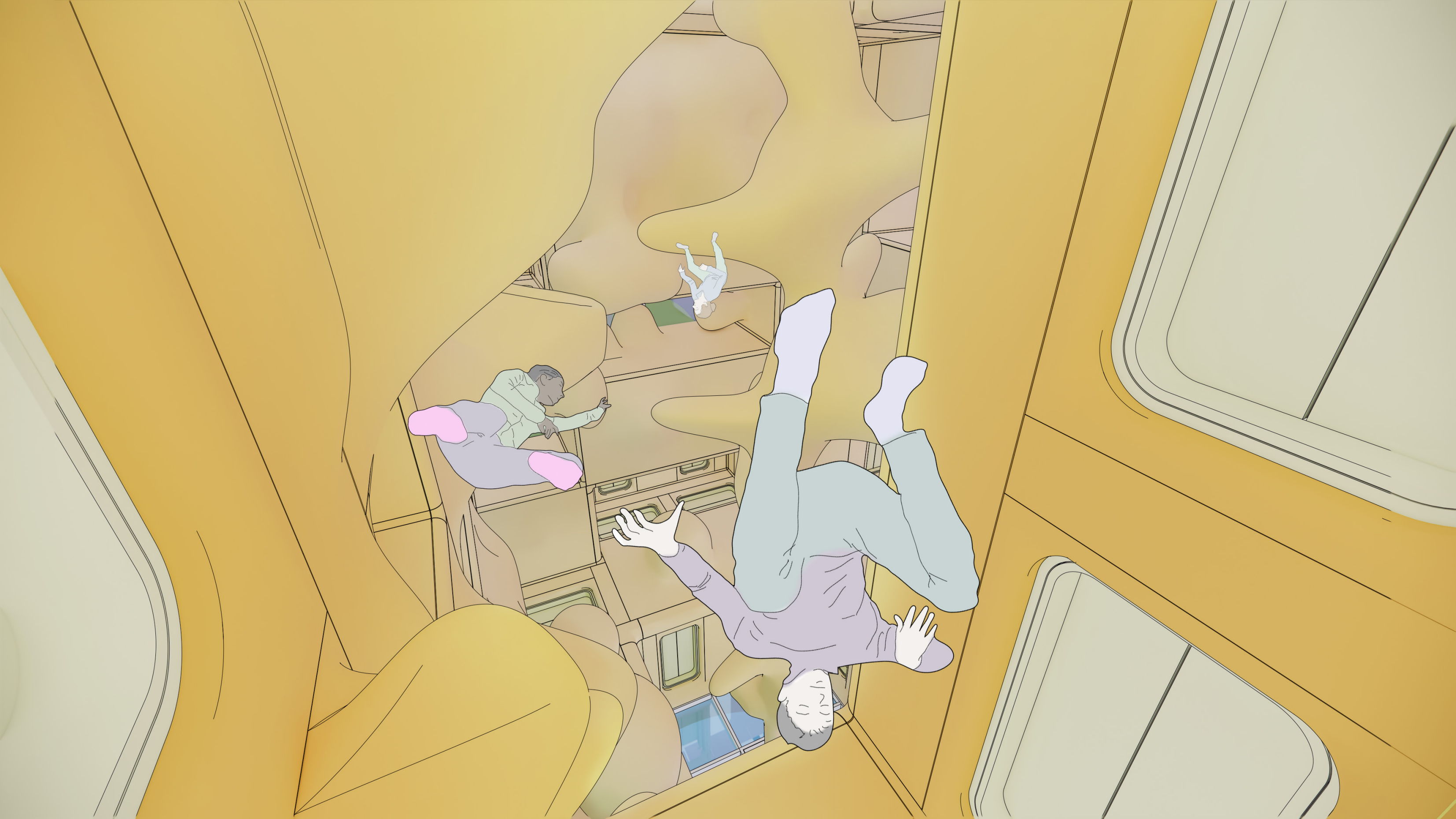










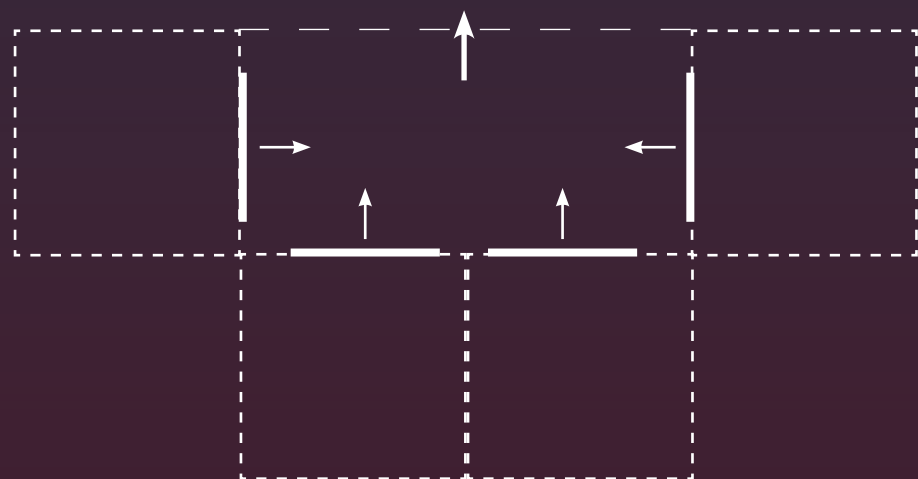
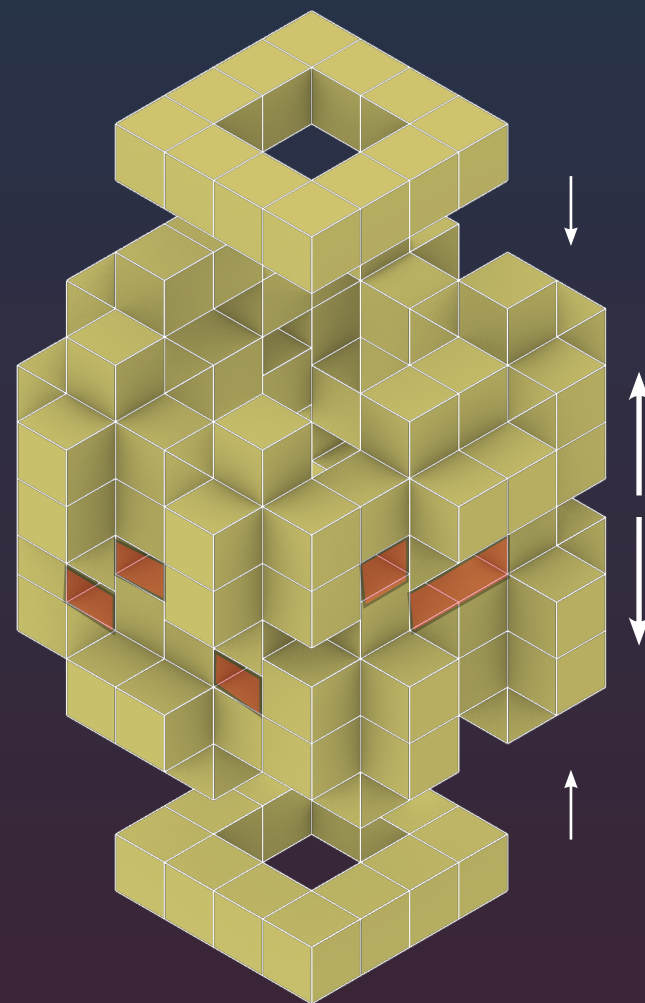
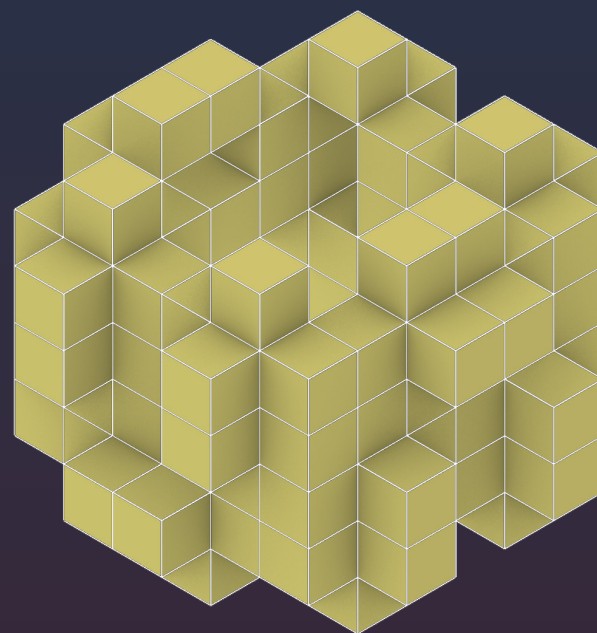
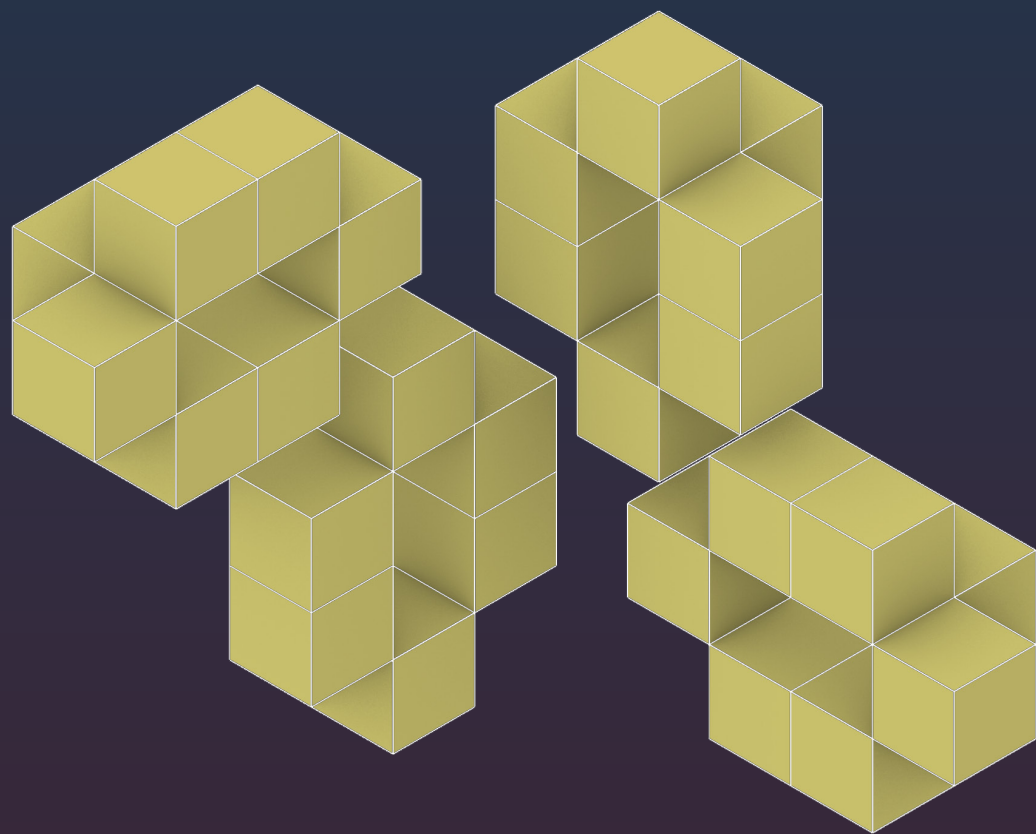
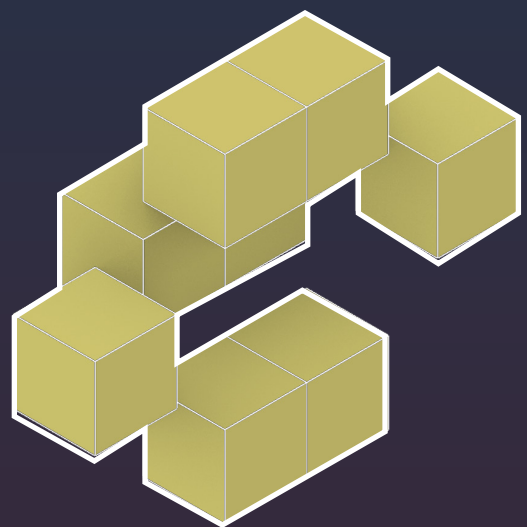








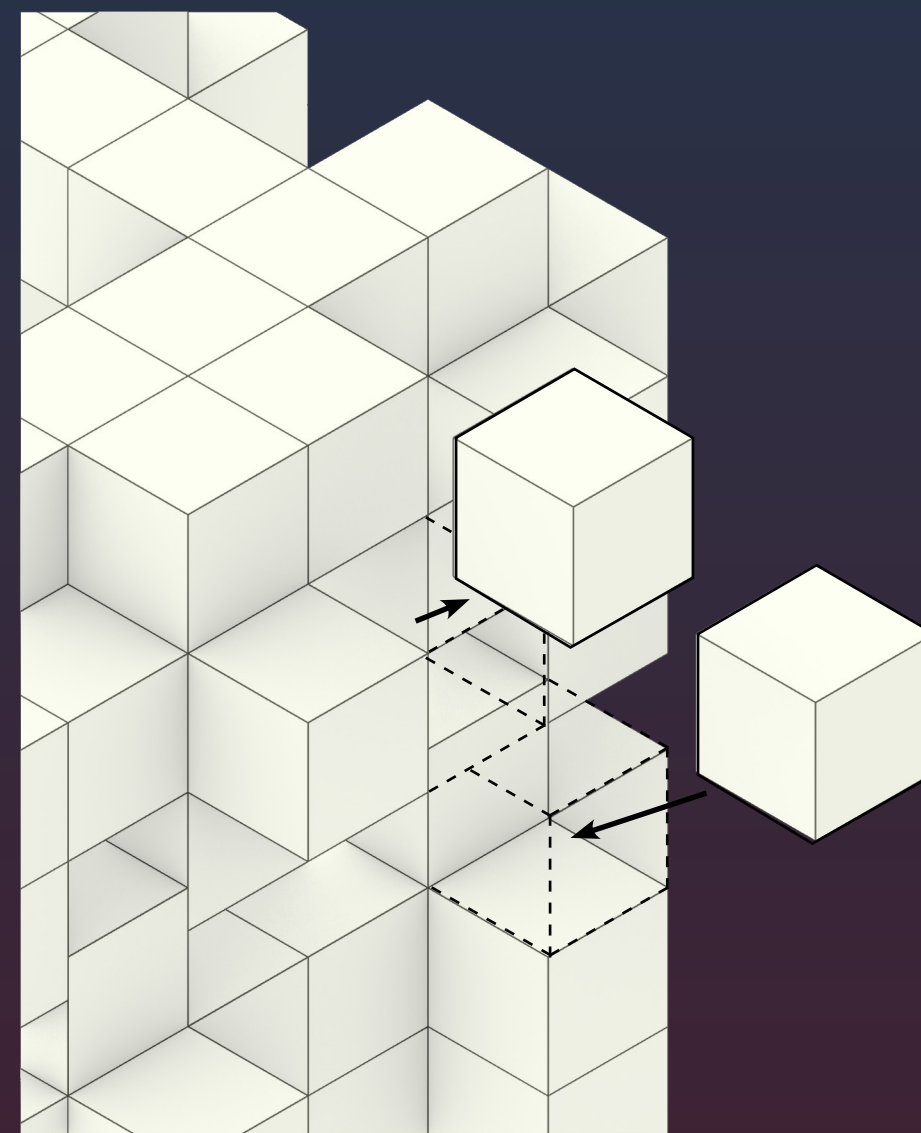
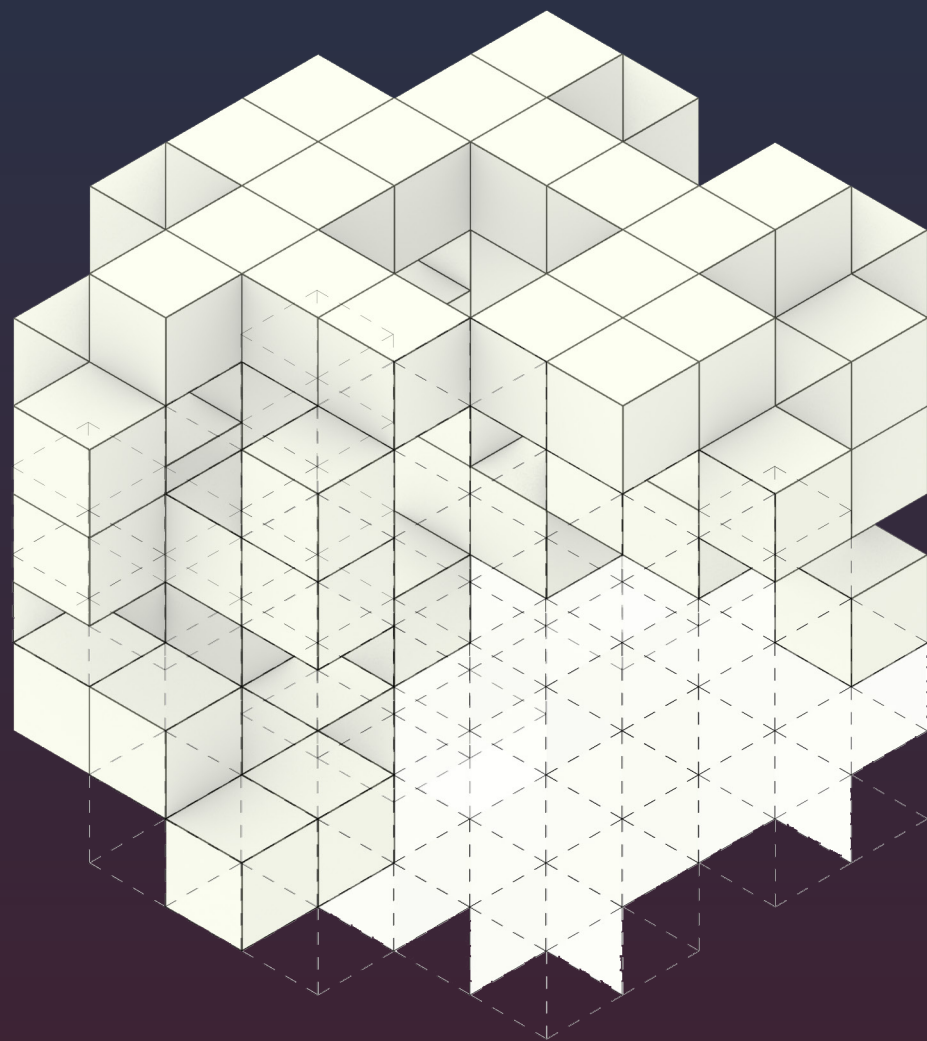




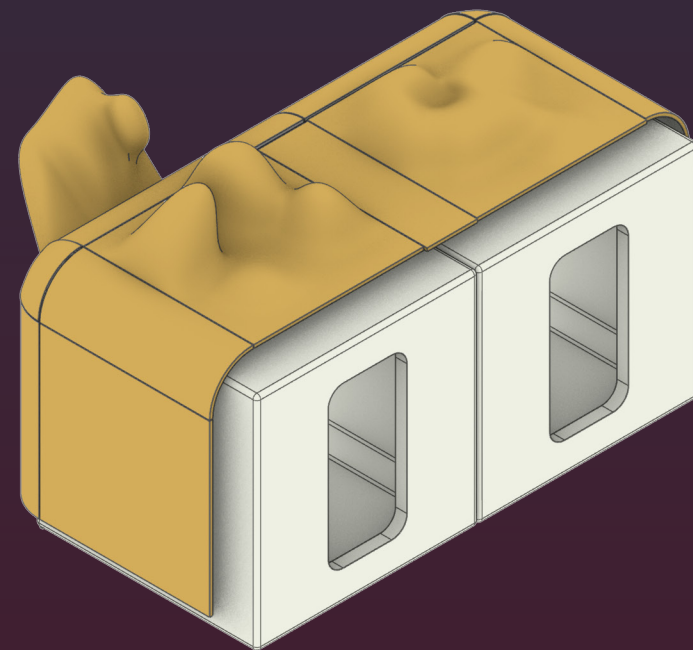
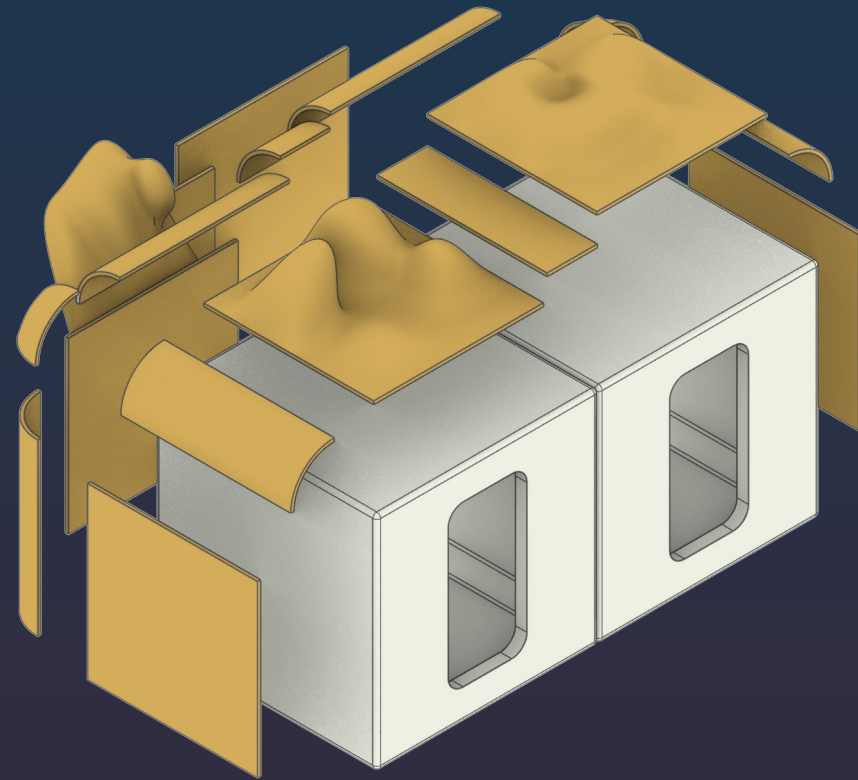


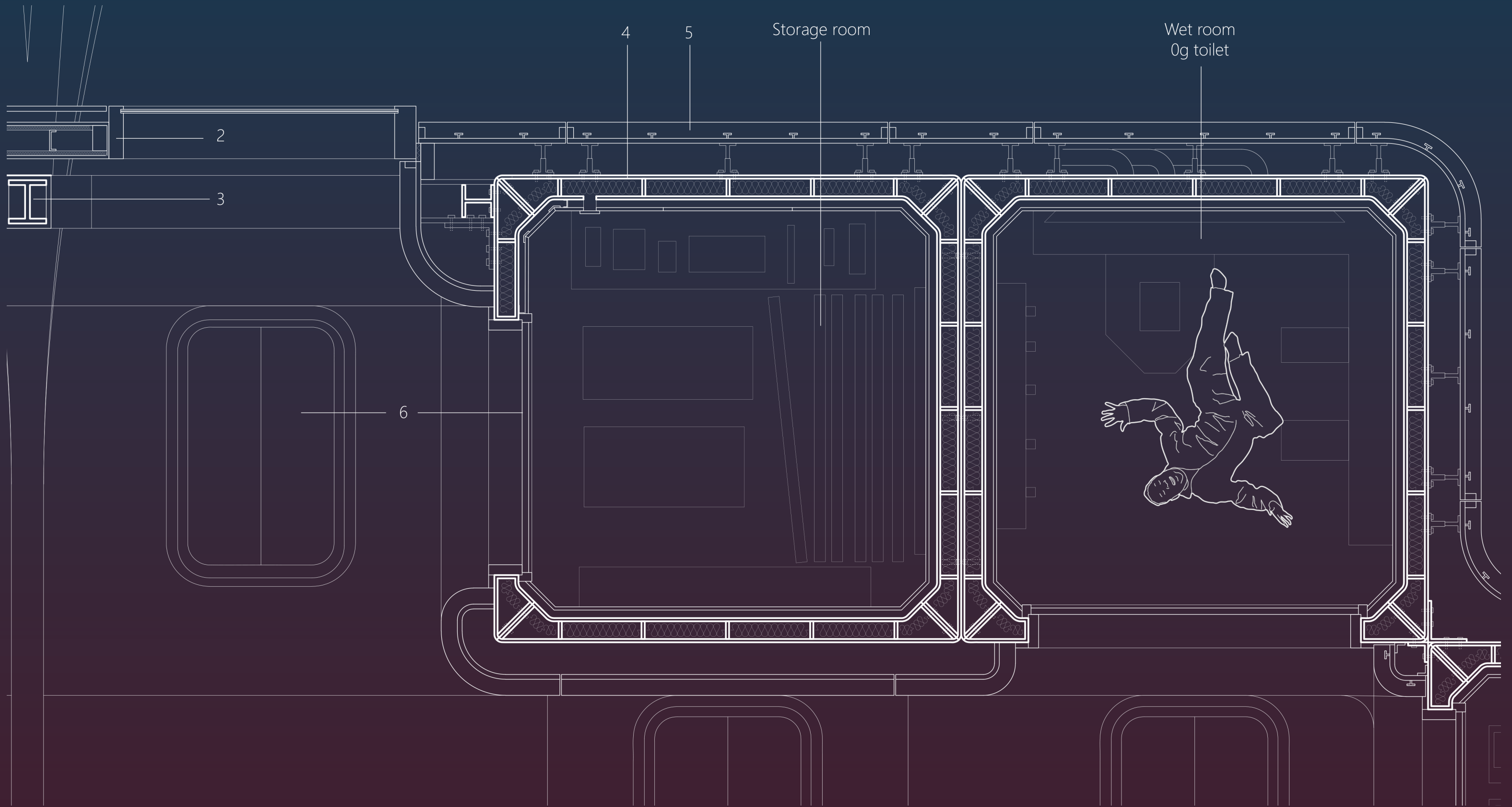




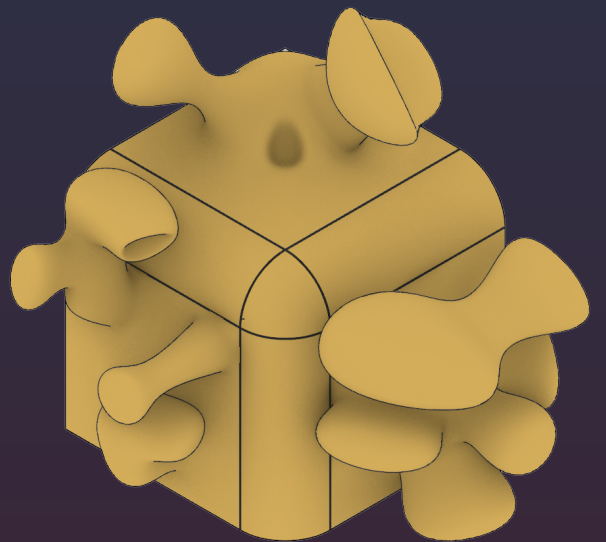
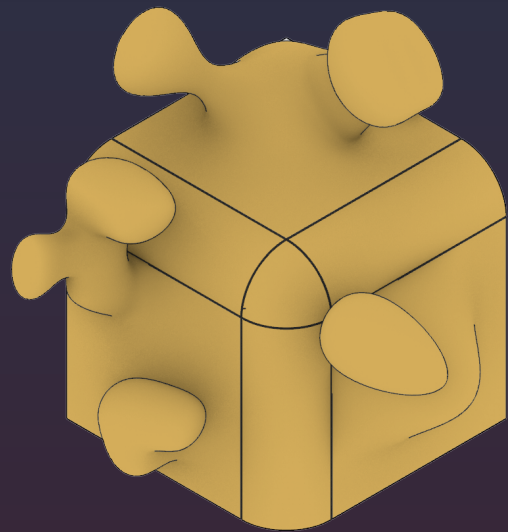
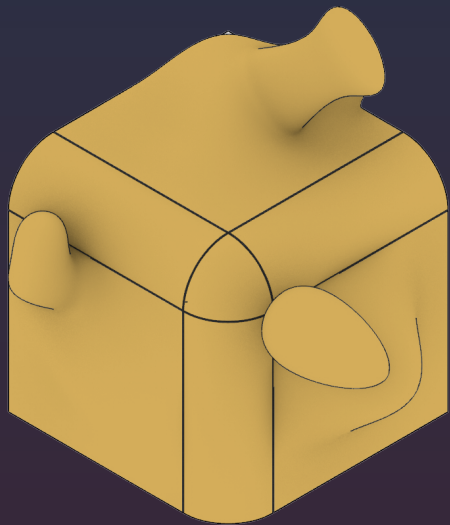
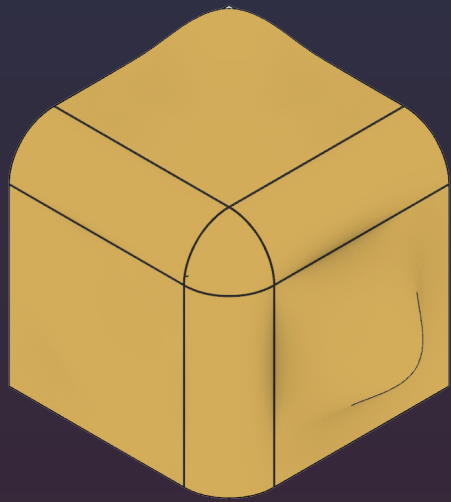
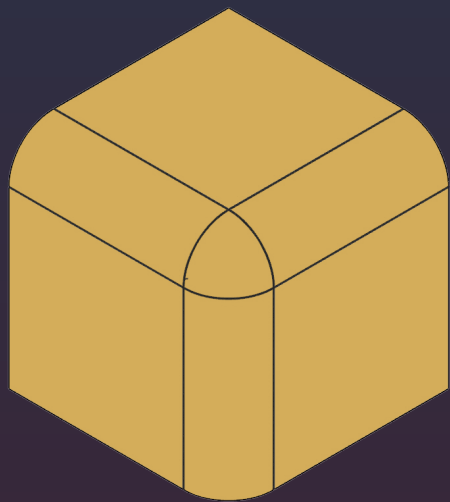


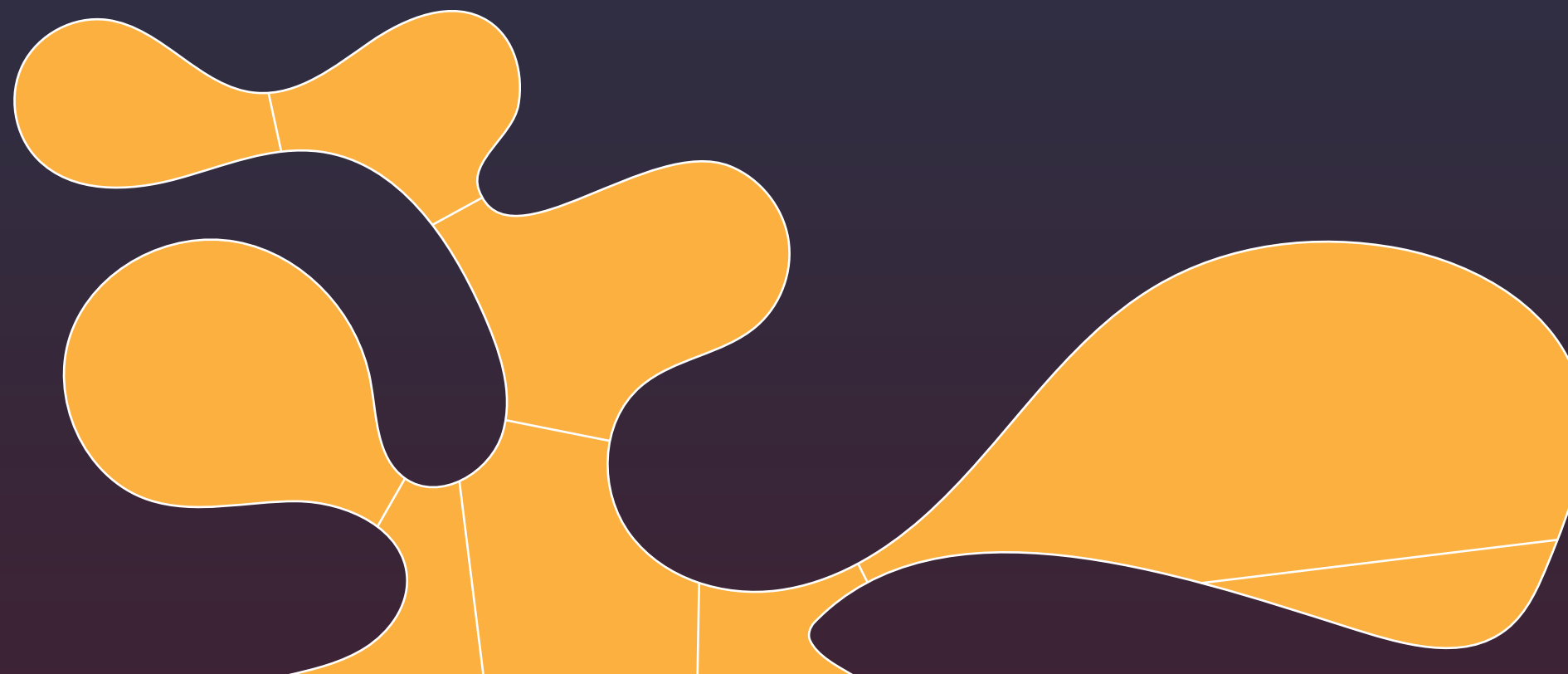
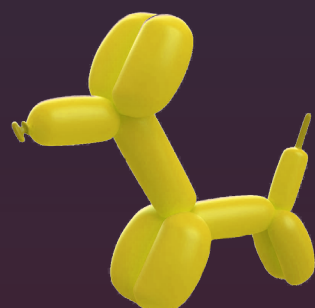






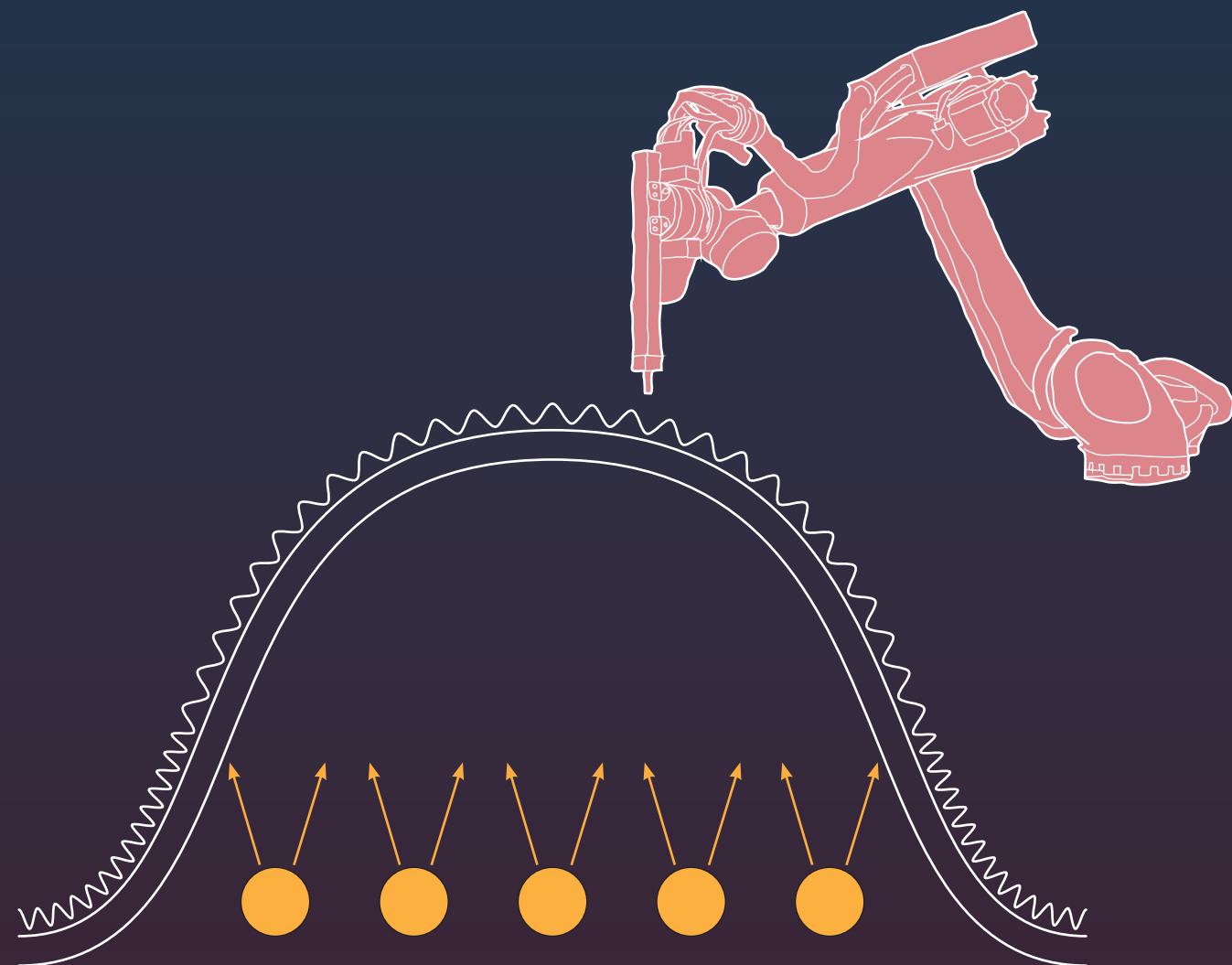




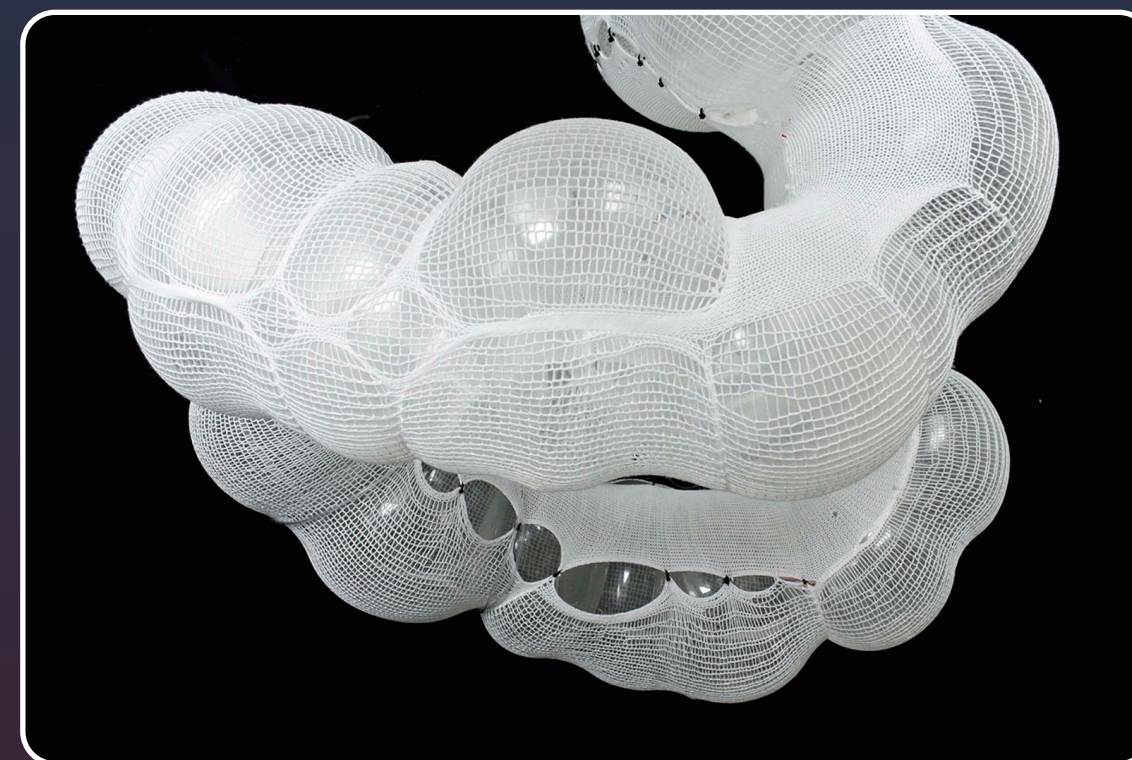








Projections from inside





Animation

