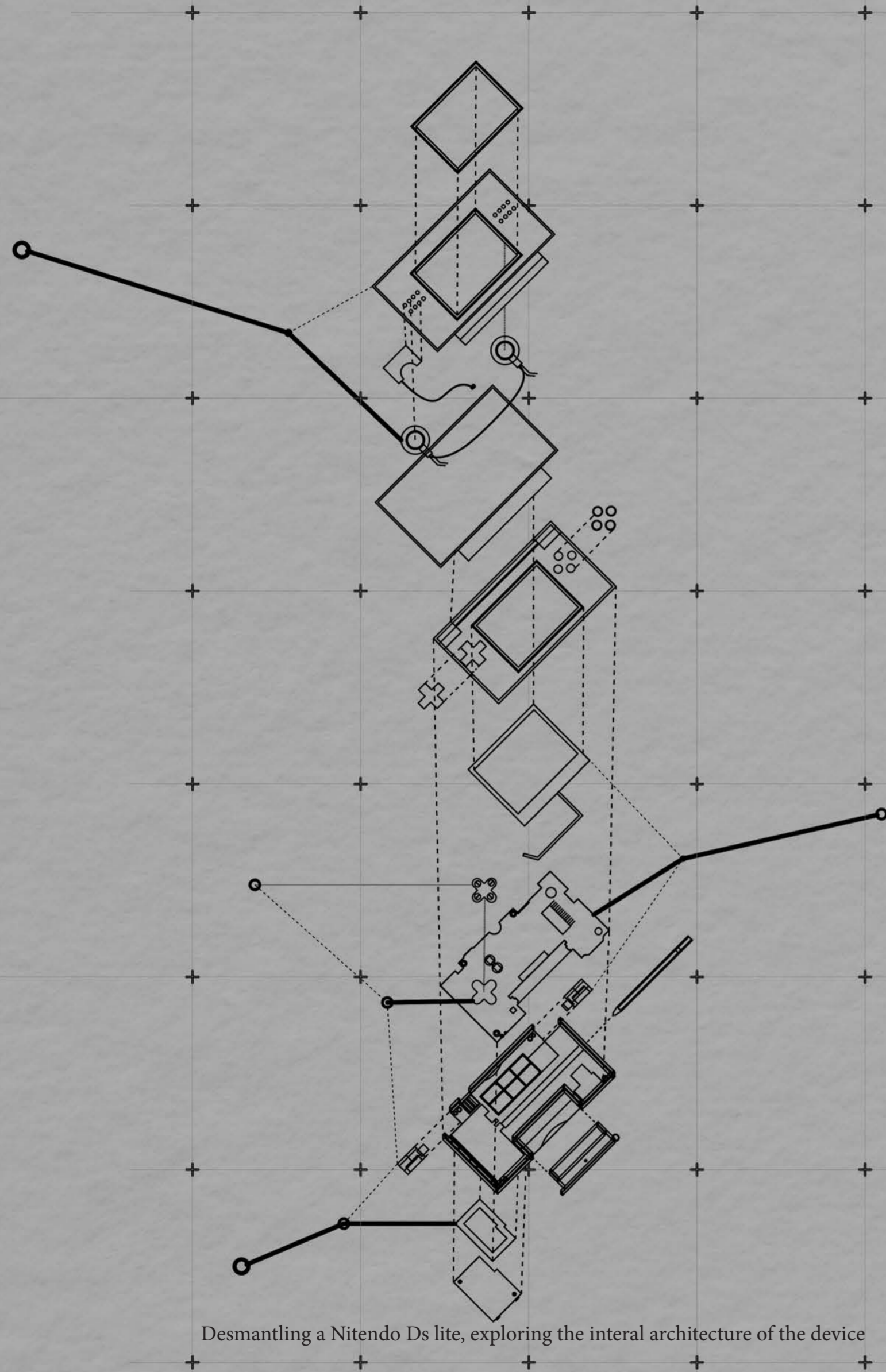


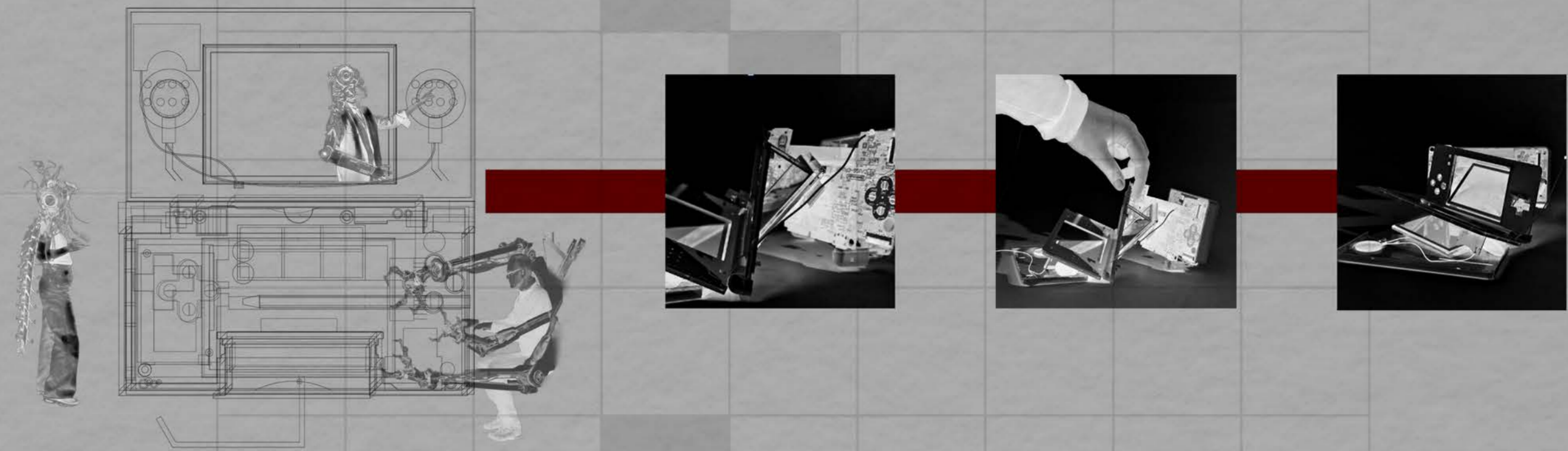
LEVEL 0014 - Above the flood

DEVICE EXPLORATION



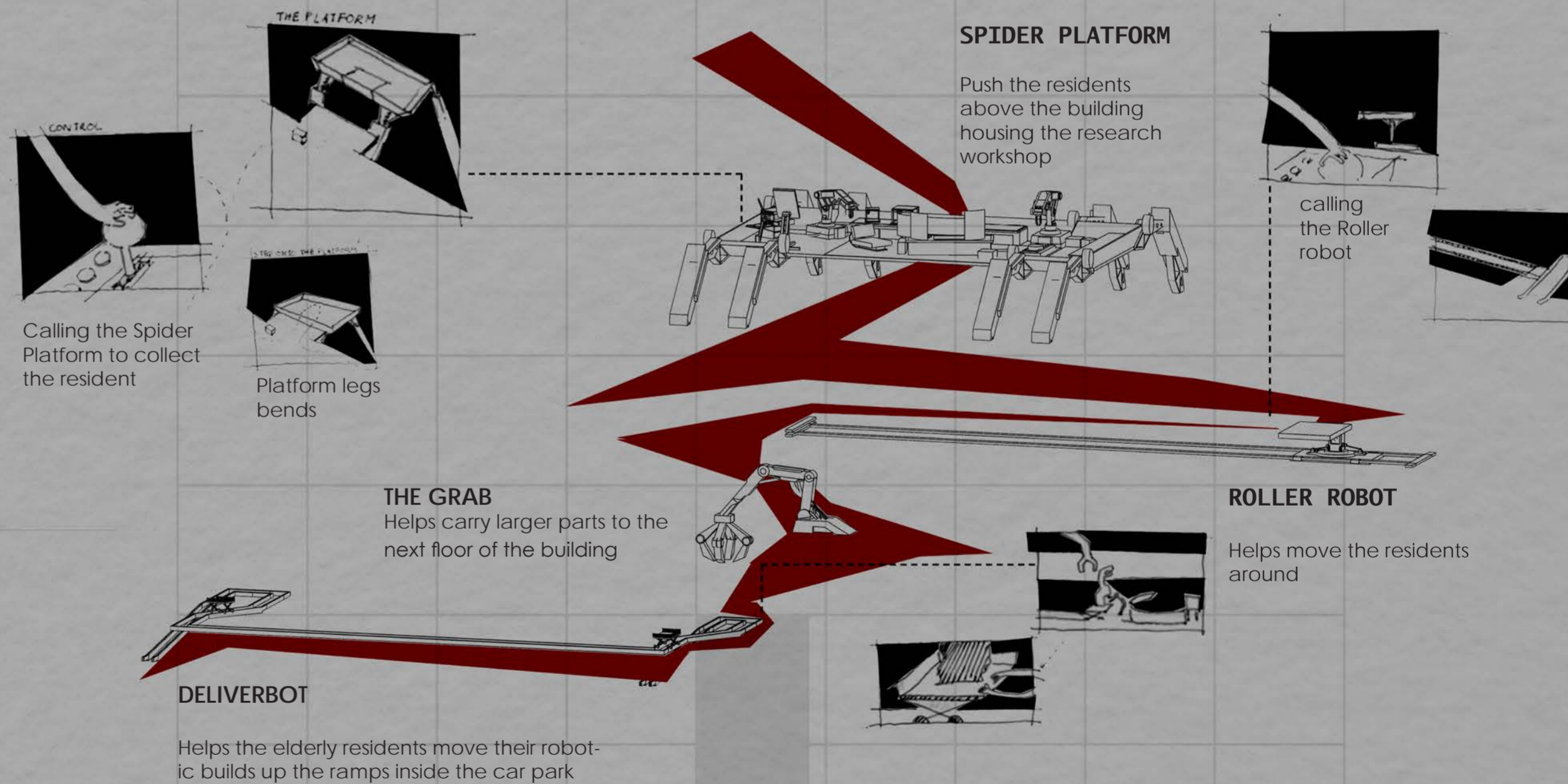
Desmantling a Nintendo Ds lite, exploring the interal architecture of the device

Aging residents repurposes parts from a dismantled Nintendo DS into their building, transforming their home into a living expression of their lifelong passion for robotics.



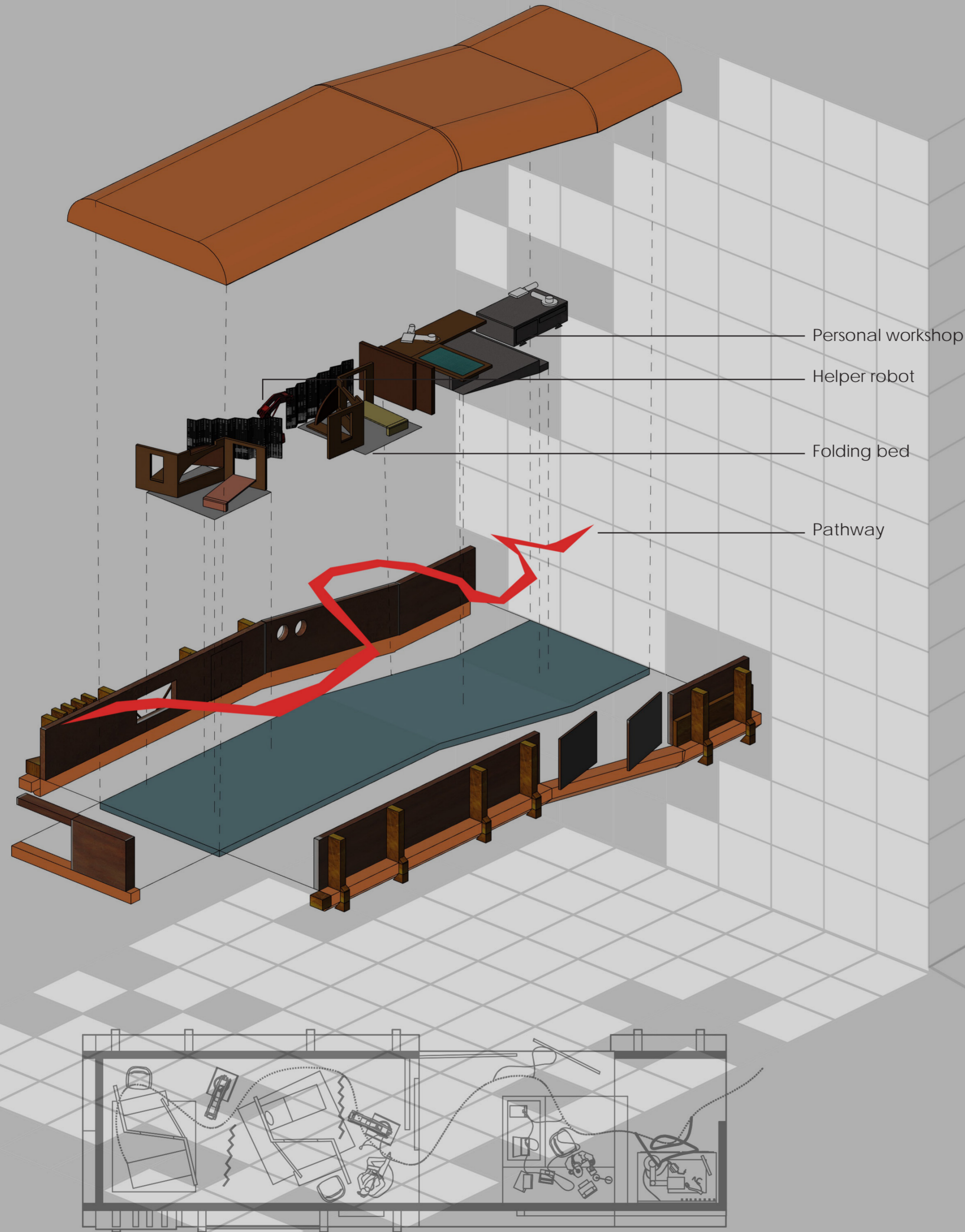
ROBOTIC CONNECTIONS

Syncing human movement with robotics through rush and pull of buttons allowing residents to call over which robot is needed



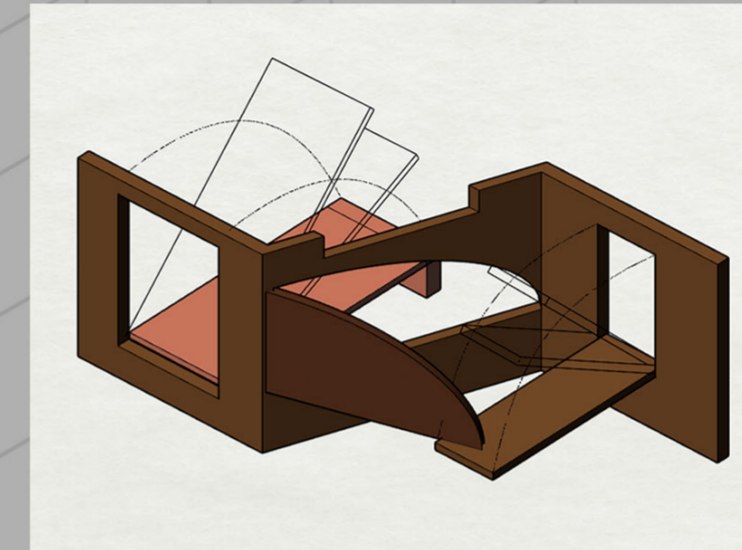
This project is located on a former car park site located in Wapping, transformed into an almshouse for aging residents with a passion for robotics and technology. The concept originated from dismantling a Nintendo DS lite and studying the internal architecture and connections. By analysing how each part works together to create a functional device, I developed a design language based on connectivity and integration. This idea is translated into the building through robotic assistance systems that support residents with daily activities, such as cooking, mobility and getting out of bed. Promoting independence and comfort as they age.

LIVING POD

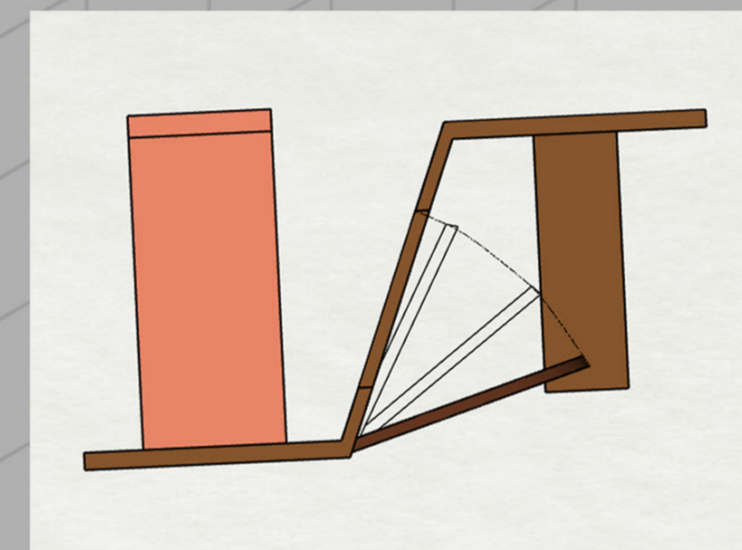


Folding bedrooms:

each resident claimed a "bedroom" which has separators made out of wood that can be folded out to create a bed, desk and a window



Bed and desk transformation



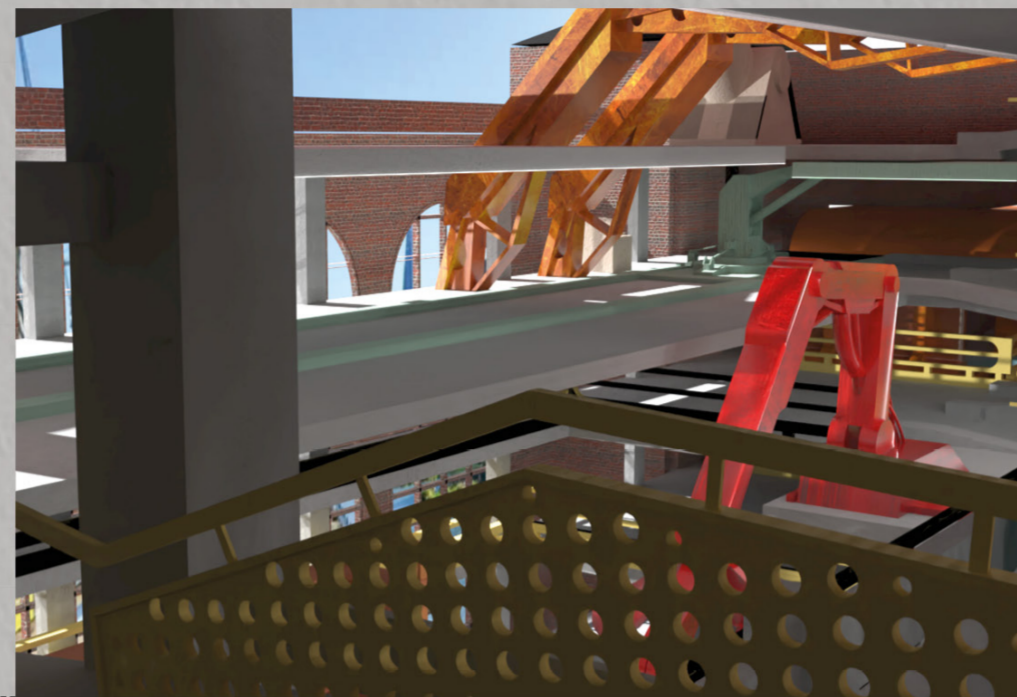
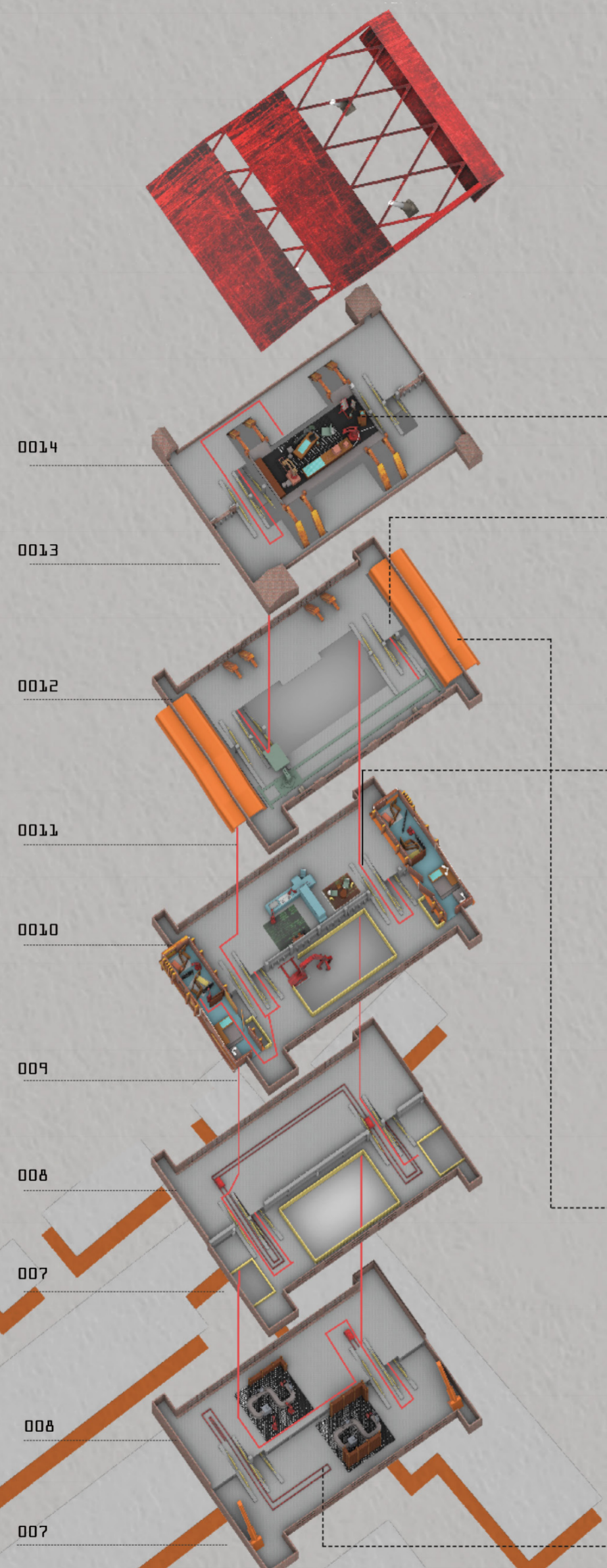
Window transformation



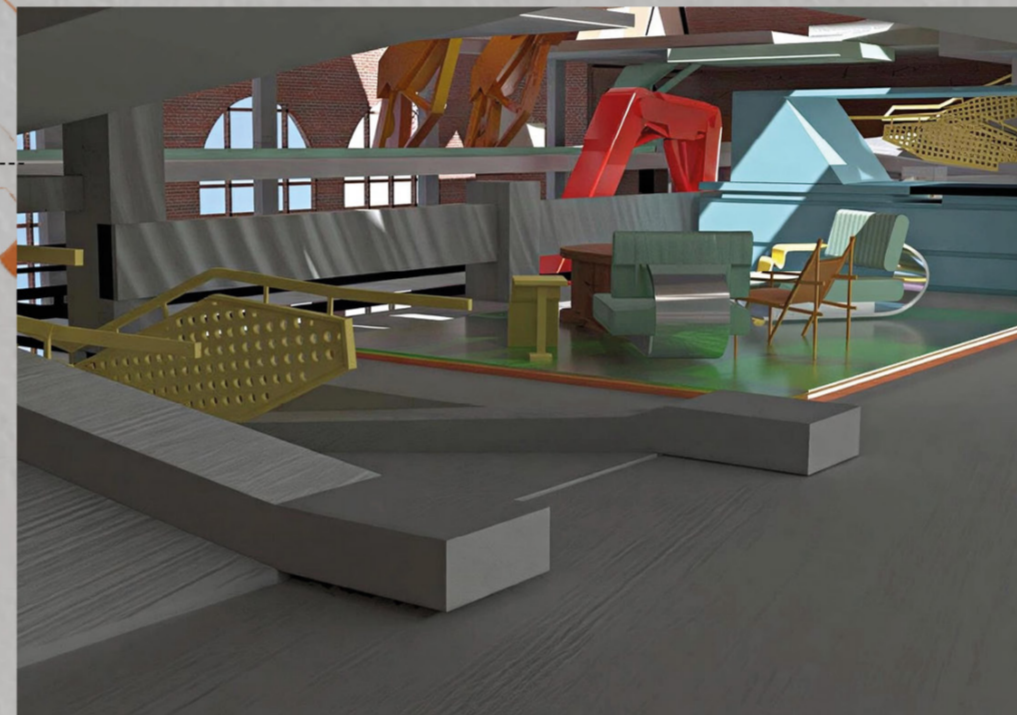
Rendered view of interior of the pod in the sleeping area, showing the helper robots.

The Living Pod contains bedrooms and private workshops, providing residents with comfort and a work space to continue their creative work and research within a comfortable and familiar environment. The form of the pod follows the slope of the original car park ramps, preserving a reminder of the building's former function.

INTERIOR VIEWS

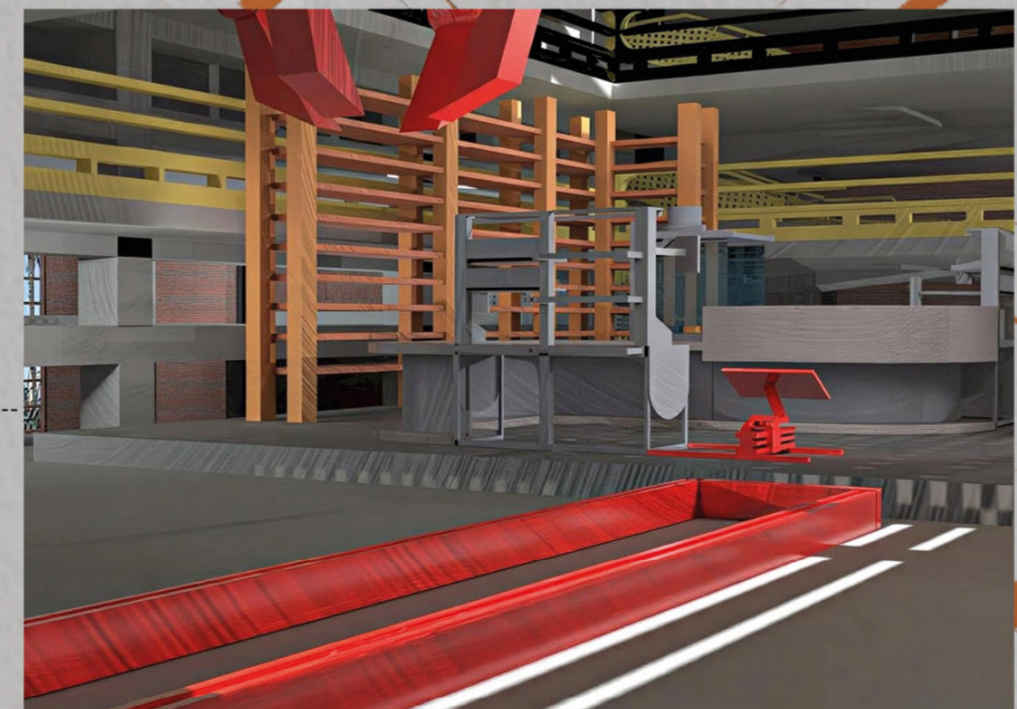


VIEW FROM THE RAMP AS THE RESIDENT WALKS DOWN



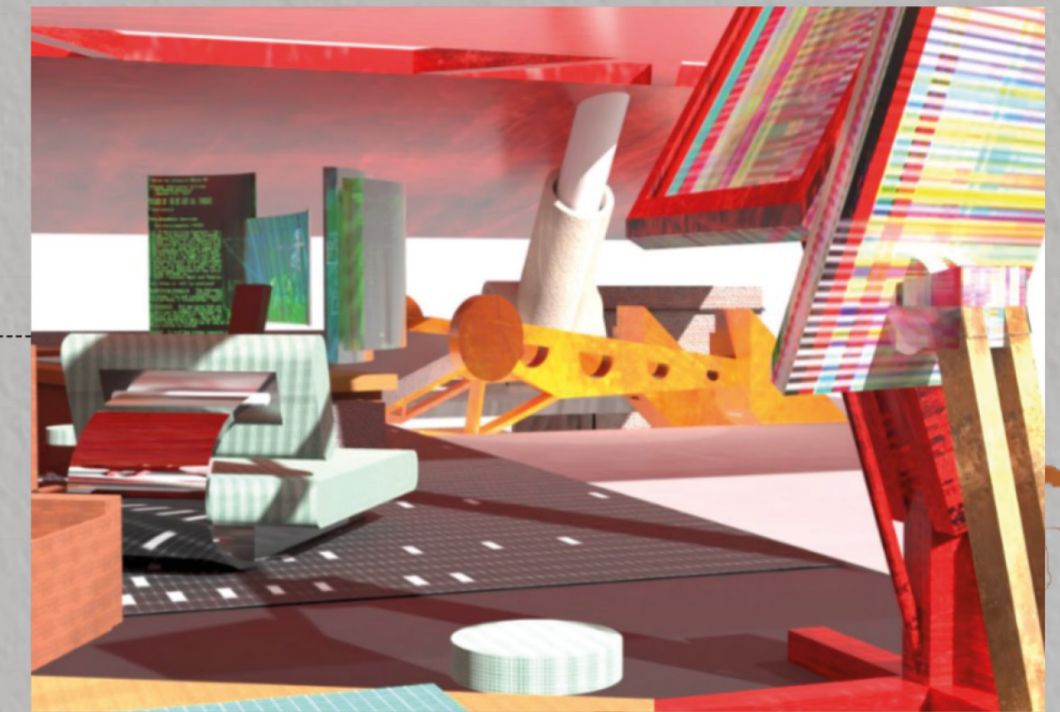
LOUNGE AND KITCHEN

The lounge and kitchen space located below the platform allowing glimpses of natural lighting to peak into the living space



METAL WORKSHOP ON FLOOR 7TH

Deliverbot and Grabot serves this floors, helps transporting the parts and works to other floors



THE PLATFORM RESEARCH WORKSHOP



LIVING POD

View from the entrance of the Living pod with a window that lets the resident look into the car park

MOVEMENT AND RAMPS CONNECTIONS

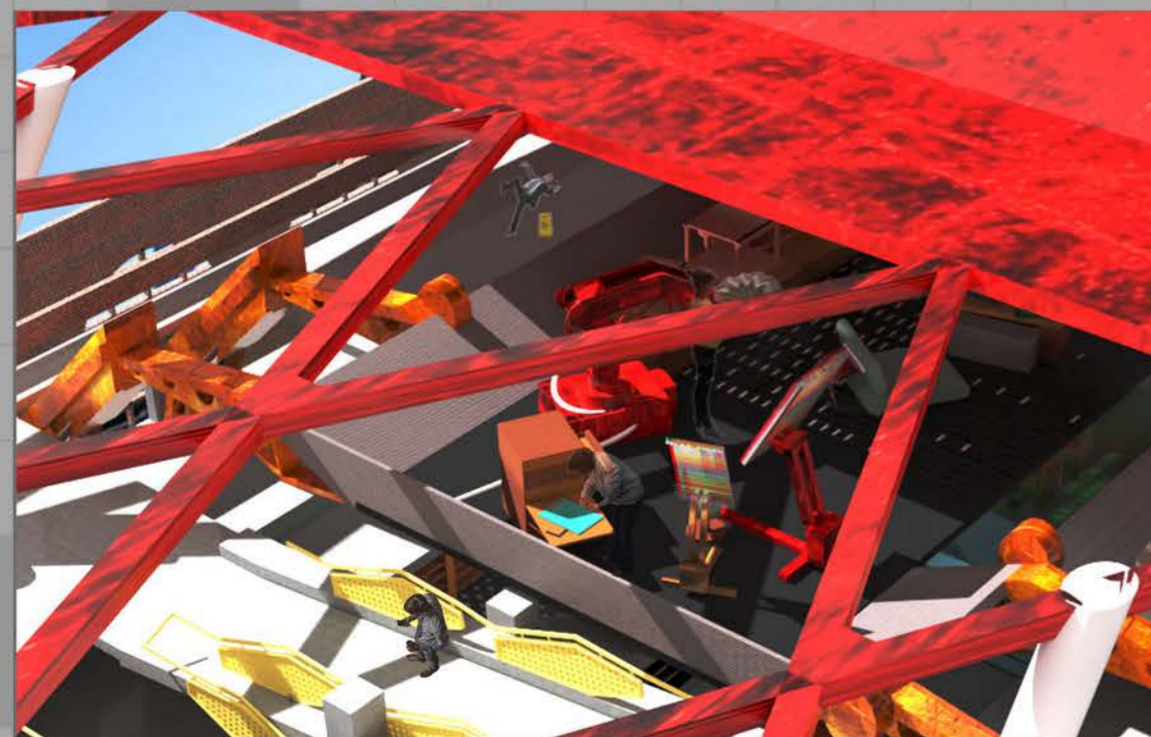
INTERIOR EXPERIENCE



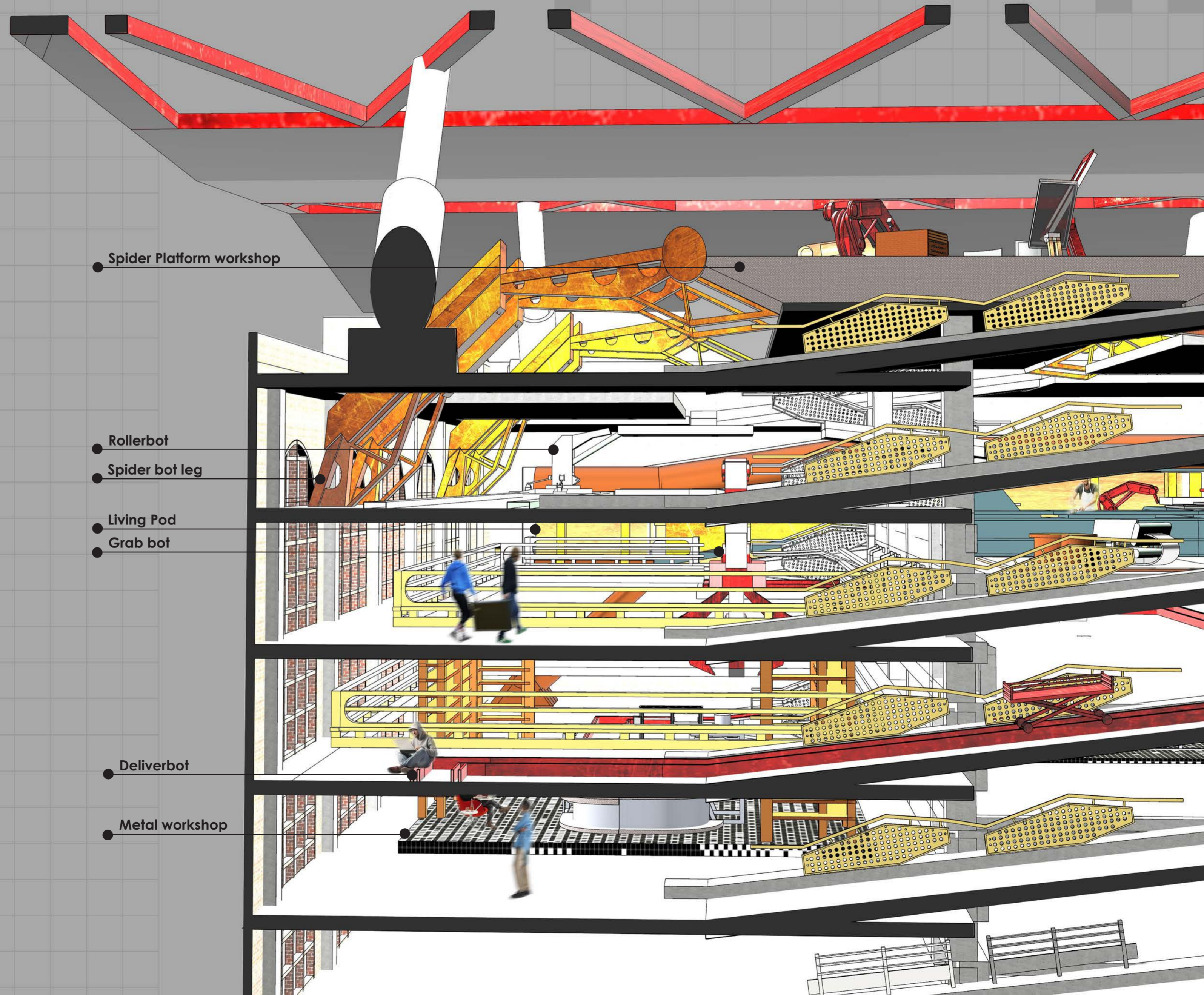
The platform research workshop. Sitting above all and below the red roof, a research space for the inhabitation to create robots and continue their research above all the floodings.



Whats going on below the platform? Visitors and inhabitation can sit and enjoy the view of all the mechanics and robots within the building from the kitchen and lounging area.



Exterior view from the roof into the Spider Platform workshop



● Spider Platform workshop

● Rollerbot

● Spider bot leg

● Living Pod

● Grab bot

● Deliverbot

● Metal workshop

LONG SECTION

