



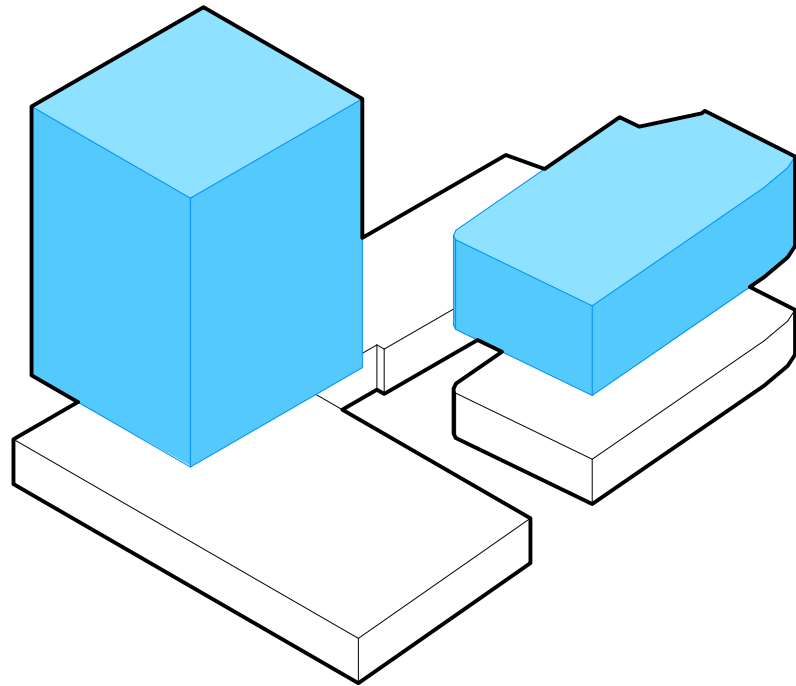
# MOVING TOGETHER

## MULTI-GENERATIONAL LIVING

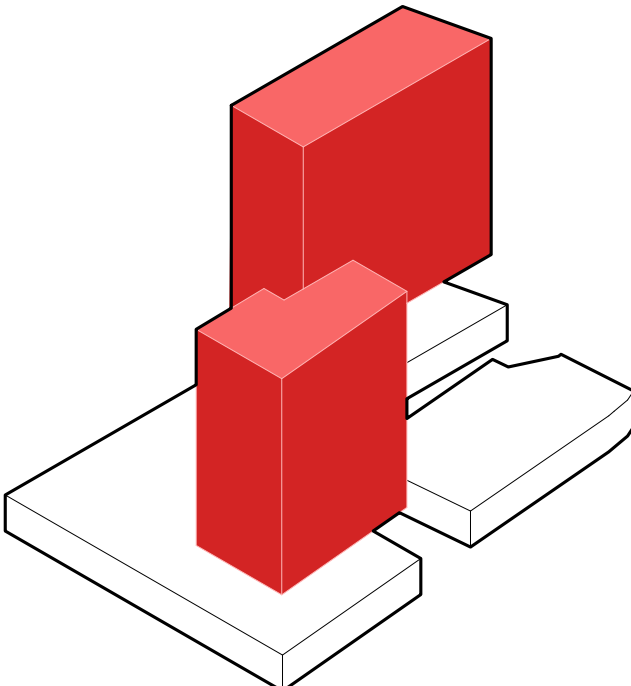
In collaoration with Unconventional Affordable Housing (UAH), 1 Charlotte Square aims to bring in residents which tackles both short and long term stay, from any generation, who are undergoing challenges in mental health . A disconnection between generations grows greater, including mental health struggles. As a broad term, a universal language must be used to connect people together, through exercise. This physical language can help bond new communities within the new recidency plan by partaking in activities throughout their stay, inviting the public to join in communal activites such as Rock Climbing. These communal spaces aim to boost morale and health, to bring confidence and self-lov, through kinetic architecture which moves alongside users, a metaphor for support anywhere you go.

### SITE PHENOMENON

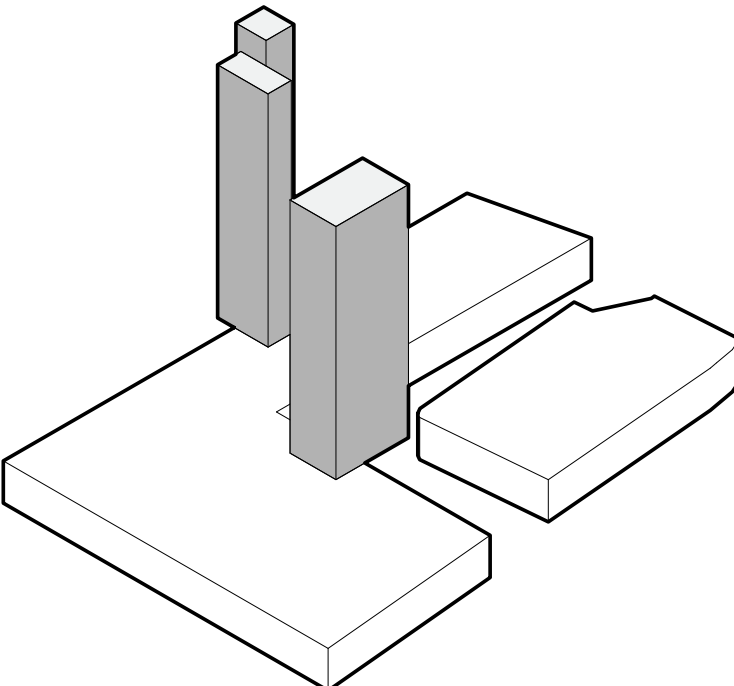
### COMMUNAL



### PERSONAL



### ACCESS



### BABY BOOMERS +

Low impact activities, such as stretching, balancing and guided movement to maintain good well-being.

### ZONES TO CONSIDER

- Quiet Lounge
- Communal Conversation Pits
- Walking Paths
- Yoga Room



### GEN X Y Z

Low to high impact physical activities which trigger different body parts, or even the psychological side of health and well-being.

### ZONES TO CONSIDER

- Freeweights
- Flexible Open Space
- Quiet Zones
- Therapy Rooms

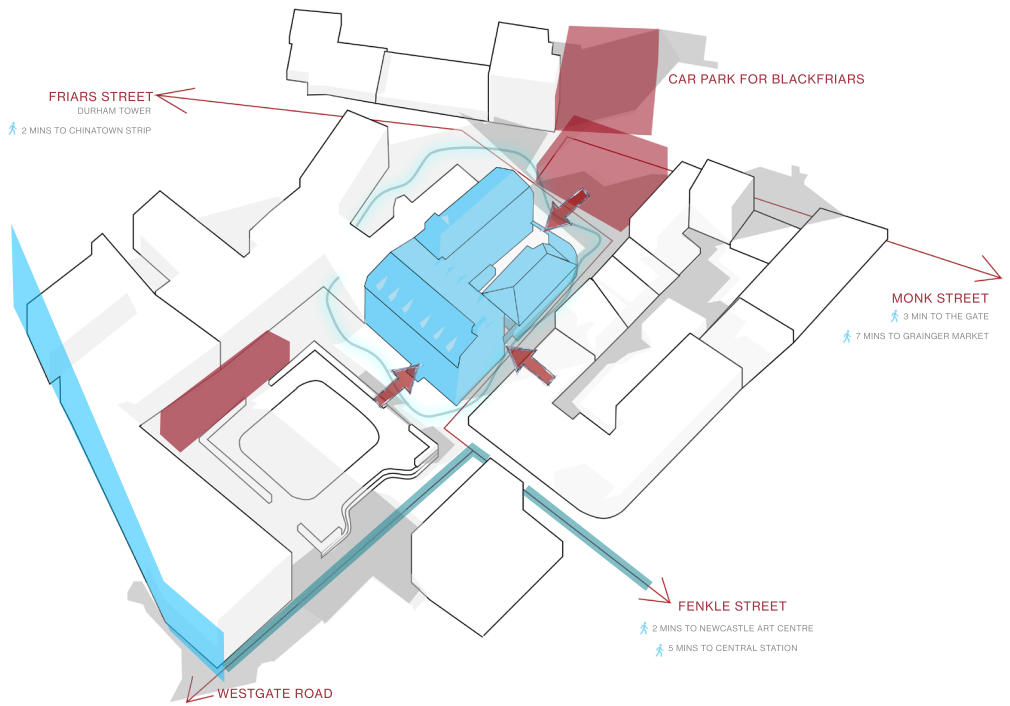
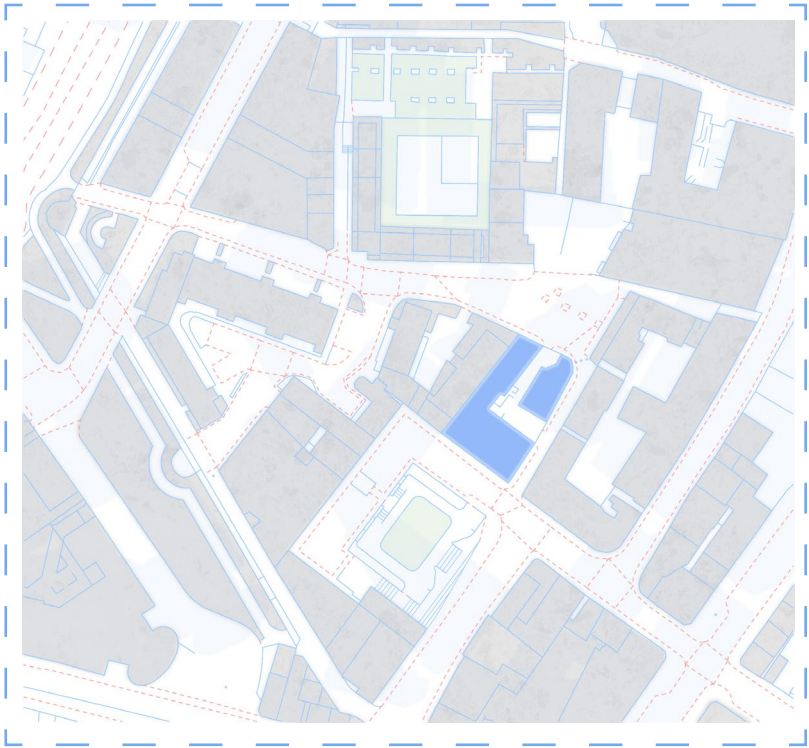
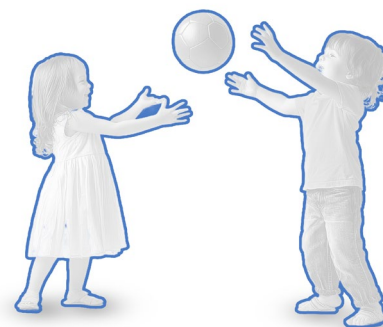


### GENERATION ALPHA

Essential to be social-based activities, being interactive and imaginative. Active learning through physical interactions.

### ZONES TO CONSIDER

- Sensory Play Zone
- Flexible Open Space
- Climbing Facilities
- Communal Library



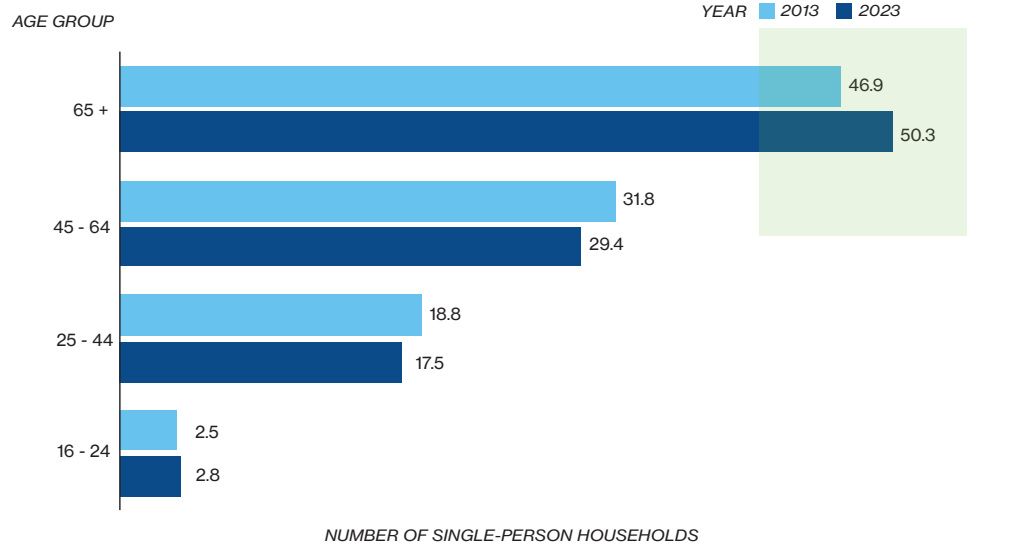
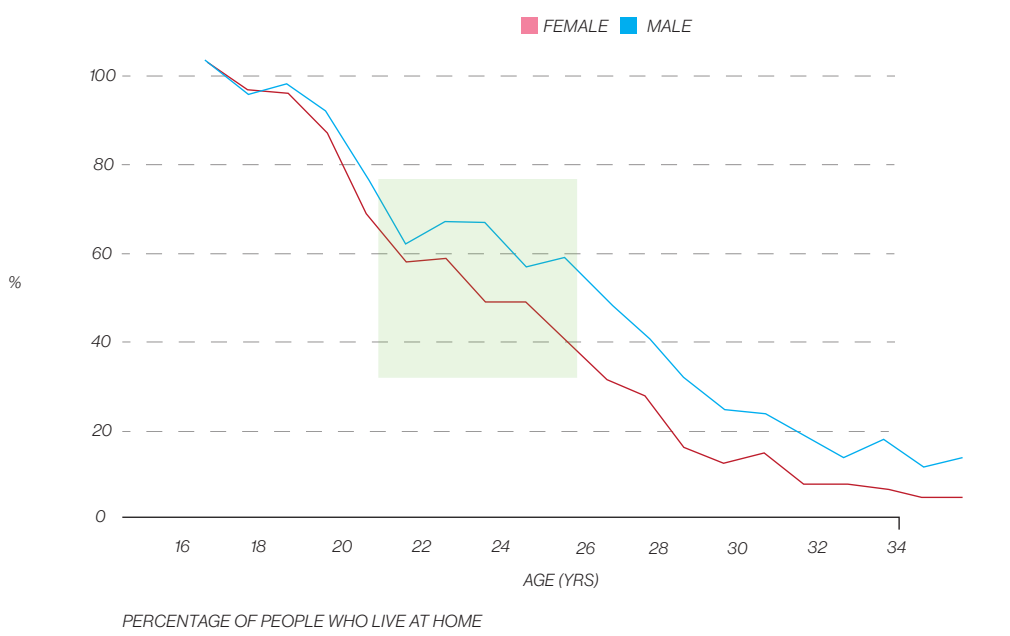
Located in Newcastle Upon Tyne, Charlotte Square is rich with history, designed in 1770 by architect William Newton.

Crafted from English Bond Brick, Ashlar Dressings and a Welsh Slate Roof, It now houses an Architectural Practice, Leather Workshop and a Refugee Centre.

The graphs highlight the different generations within a single-person housing setting.

A vast jump happens from the ages 65 and over, where as the young adult demographic from ages 22-26 are shows an increase of living at their family home.

Moving Together is a scheme designed to bring these generations together through a universal language, health and well being to tackle these statistics as well as influence cross-generational living.





FLOORPLANS

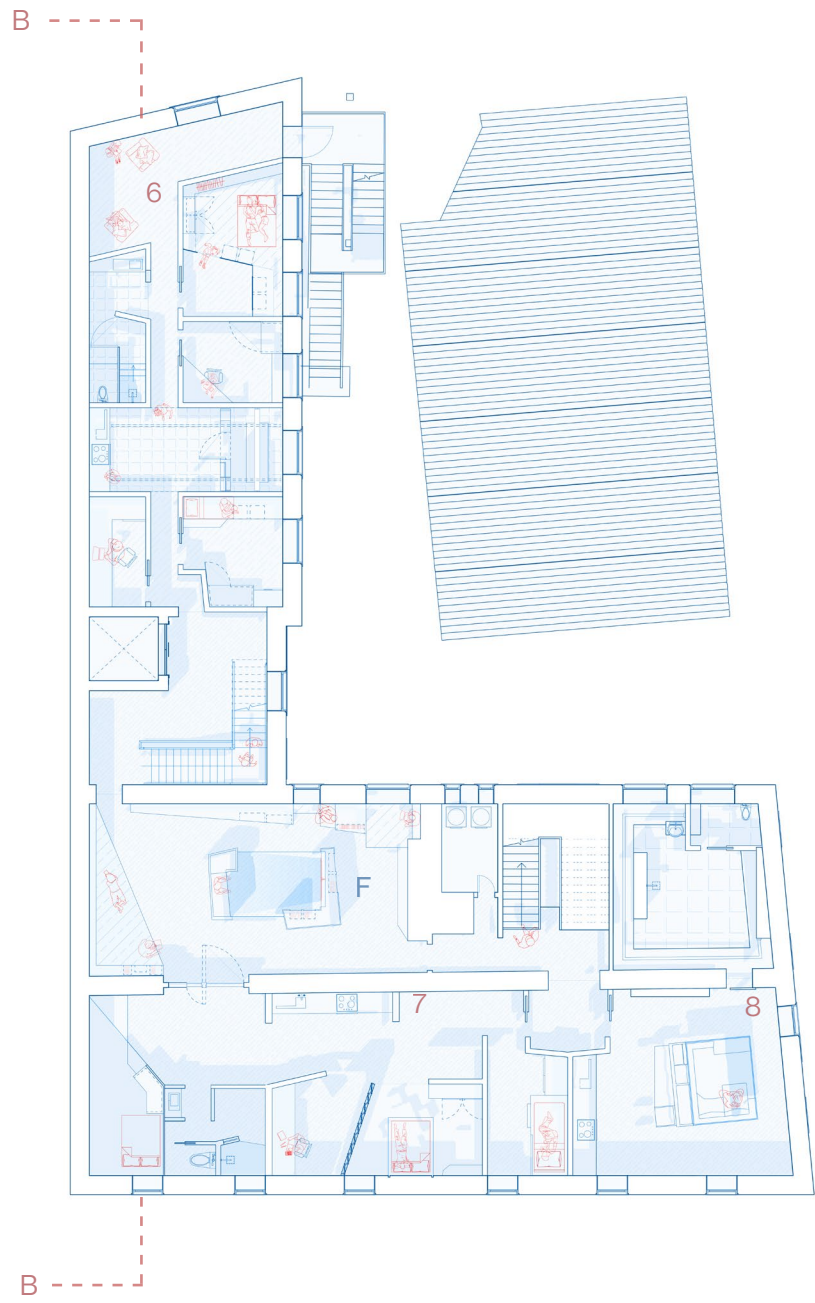
GROUND FLOOR



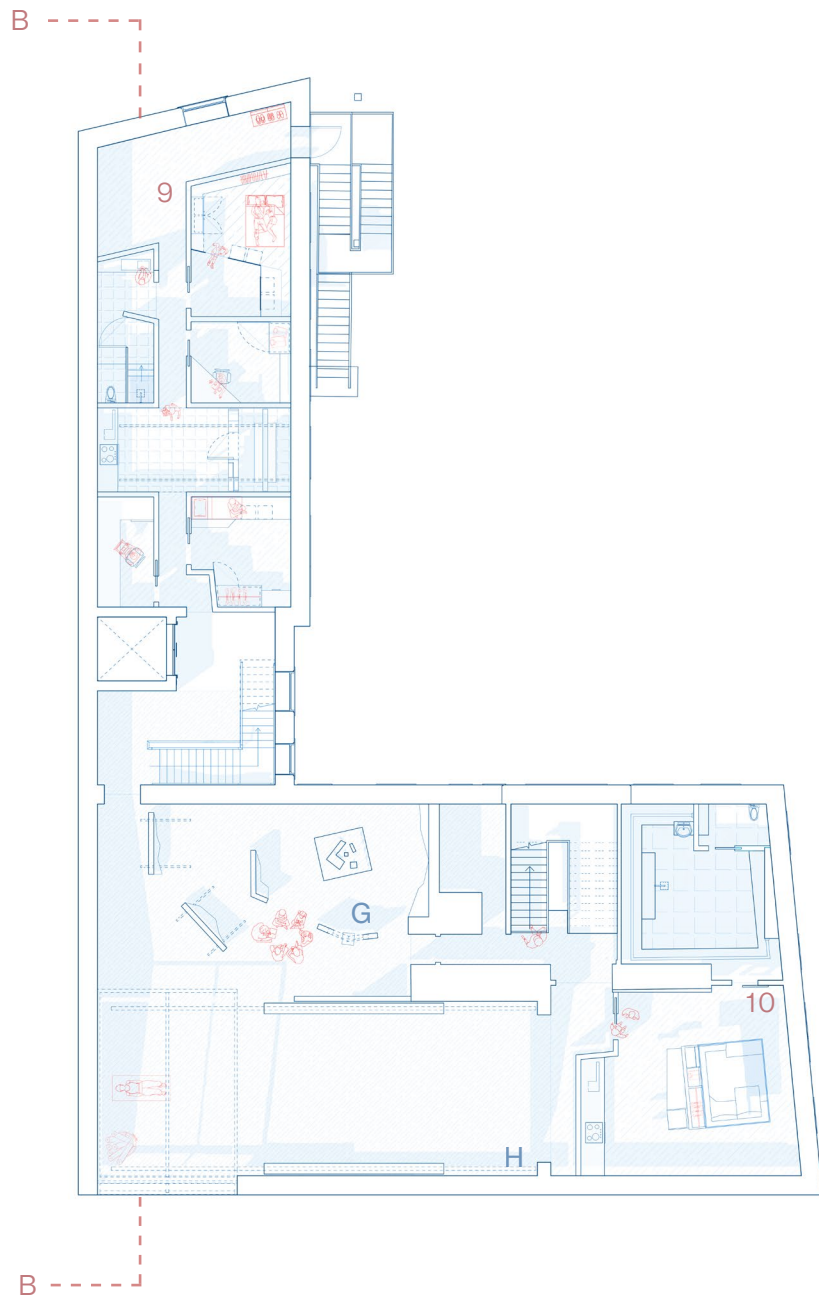
FIRST FLOOR



SECOND FLOOR

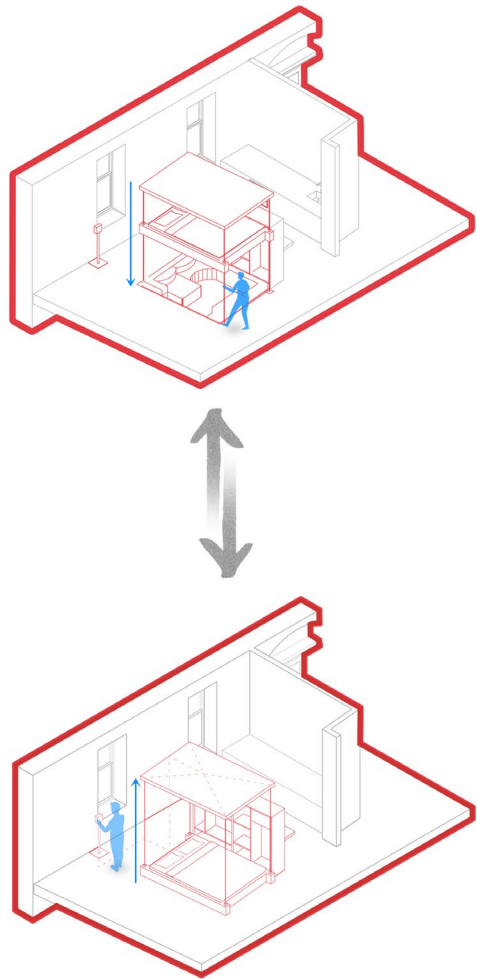


THIRD FLOOR

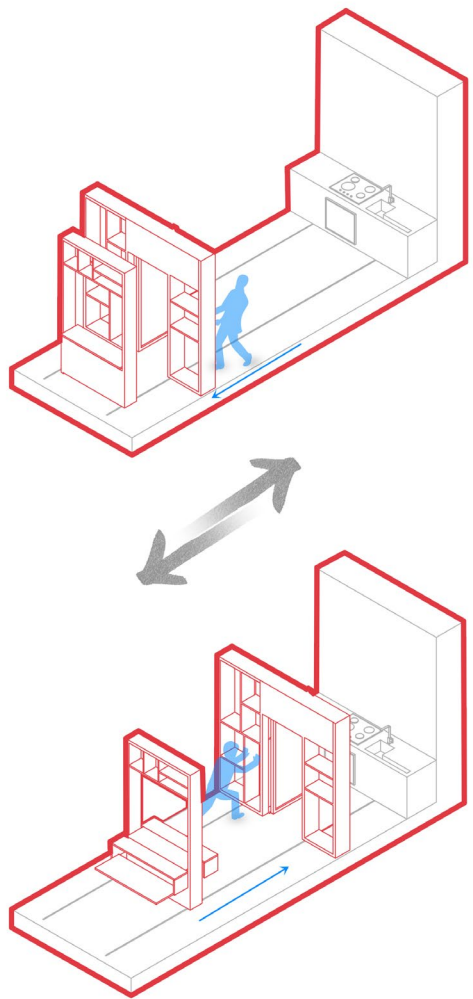


KINETIC DIAGRAMS

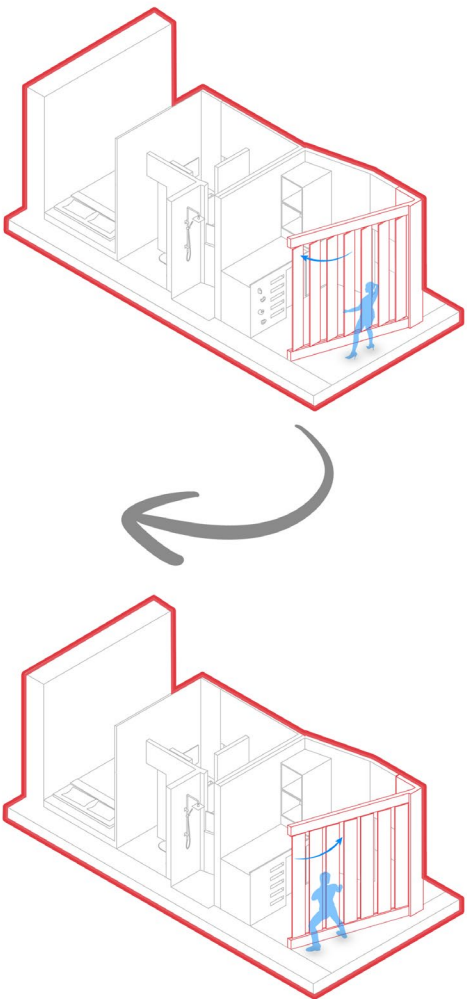
GROUND FLOOR



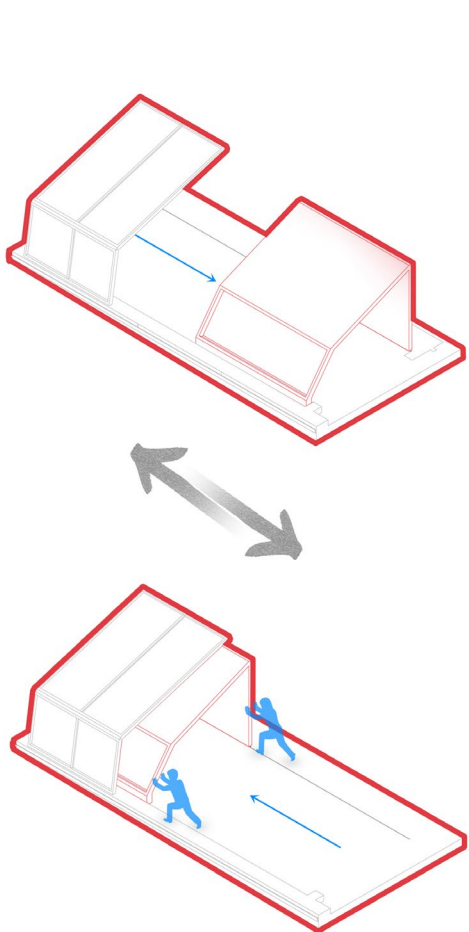
FIRST FLOOR



SECOND FLOOR



THIRD FLOOR



PERSONAL ZONES

- 1. RESET ZONE
- 2. SUPPORT SUITE
- 3. ACCESSIBLE INDIVIDUAL / COUPLE QUARTERS 1
- 4. FAMILY QUARTERS 1
- 5. INDIVIDUAL / COUPLE QUARTERS 2
- 6. FAMILY QUARTERS 2
- 7. CATERED FAMILY QAURTERS
- 8. INDIVIDUAL / COUPLE QUARTERS 3
- 9. FAMILY QUARTERS 4
- 10. INDIVIDUAL / COUPLE QUARTERS 4

COMMUNAL ZONES

- A. IRON & INTENTION FREEWEIGHTS
- B. BRAVE ZONE
- C. ACCESS TO CHANGING ROOMS
- D. INDOOR CLIMBING FACILITY W/ COMMUNAL SEATING
- E. CLIMBER'S DECK

- F. RESOURCE VAULT
- G. KINETIC CHAMBER
- H. FLEX STUDIO
- I. RYTHMN ROOM



INDOOR CLIMBING FACILITY



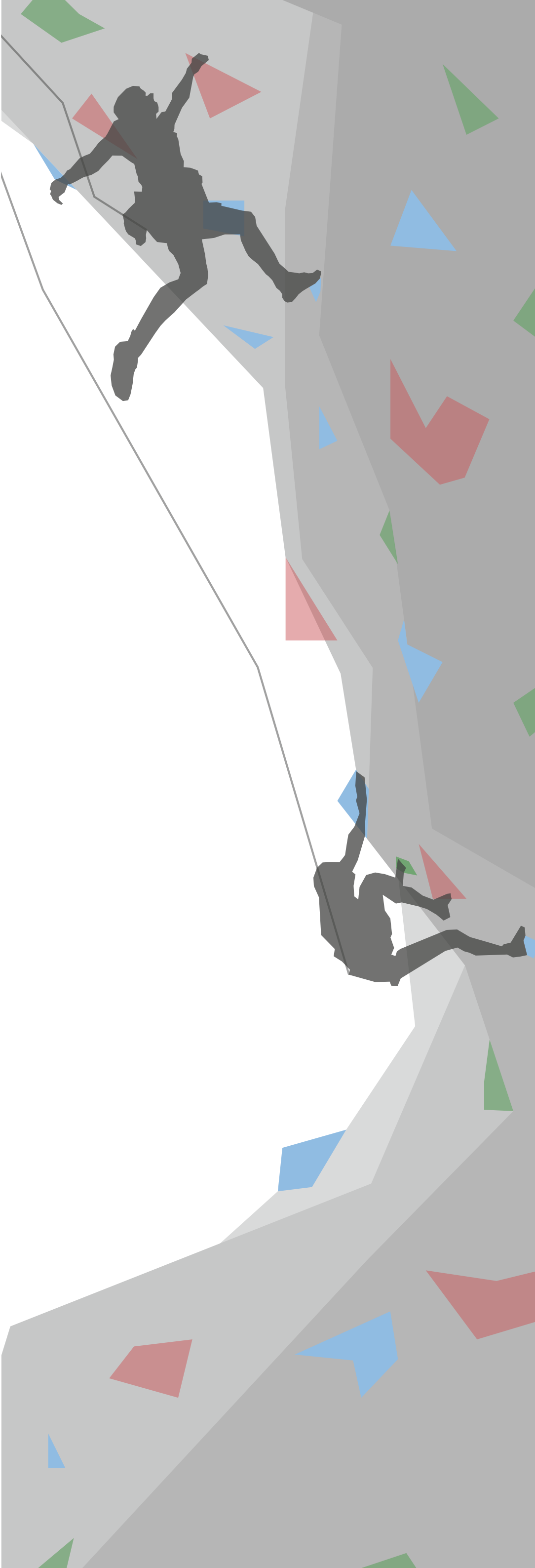
Communal Conversation pit in use within the Indoor Climbing Facility.

PERSPECTIVE SECTION *NTS*



WHY CLIMBING?

Climbing benefits all ages by building strength, balance, and coordination while encouraging problem-solving and focus. It fosters confidence and resilience, supports mental well-being through physical activity, and can be adapted to all ability levels, making it a fun, inclusive way to stay active, connect socially, and improve overall health.





LIVING QUARTERS  
EXPLODED AXONOMETRIC

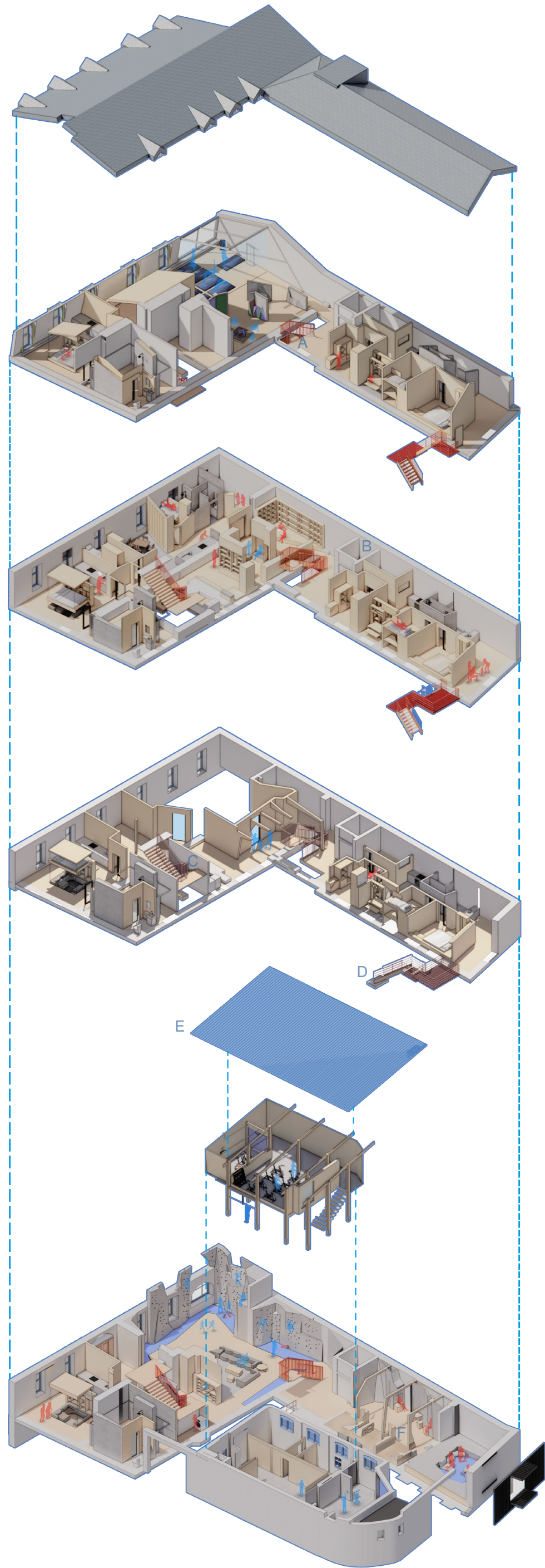
THIRD FLOOR

SECOND FLOOR

FIRST FLOOR

COACH HOUSE FIRST FLOOR

GROUND FLOOR



1. INDIVIDUAL / COUPLE LIVING QUARTERS

COUPLE INTERACTING WITH LIVING QUARTERS, WITH LIVING ROOM MODE

2. FAMILY QUARTERS DINING AREA

UNIQUE LIVING SPACE FOR A FAMILY WITH DINING ROOM IN USE FOR SOCIALISING, CONNECTION TO OPEN KITCHEN PLAN

3. PUBLIC STUDIO SPACE (COACH HOUSE)

STUDIO SPACE FIRST FLOOR IN CYCLE MODE

4. BRAVE ZONE

STRETCH ZONE FOR PUBLIC USE NEXT TO CHANGING ROOMS

A. SUB STAIRWAY

ACCESSIBLE FROM ALLEYWAY  
NEW STAIRWAYS TO UPDATE UK STANDARD

B. STAIRWAY 1

EXISTING LIFT FOR ACCESS

C. MAIN STAIRWAY

ACCESSED FROM FRONT FACADE

D. FIRE EXIT STAIRWAY

FIRE EXIT STAIRS KEPT  
FUNCTIONAL DOORWAY ENTRANCE FOR LIVING UNITS

E. NEW ROOF

CORRUGATED STEEL ROOF IMPLEMENTED TO ALLOW FOR SOLAR PANELS TO SIT FOR SUSTAINABILITY

F. ARCHWAYS

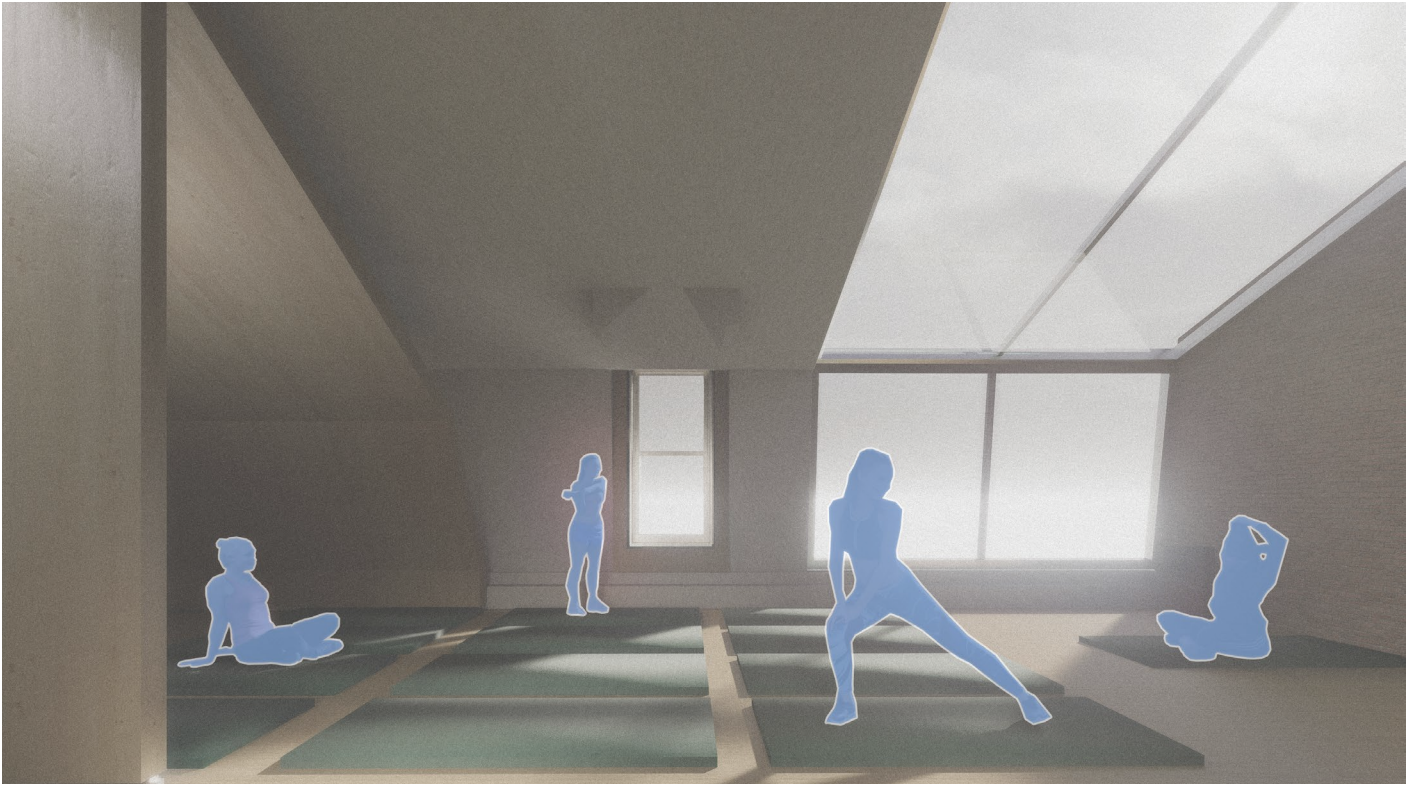
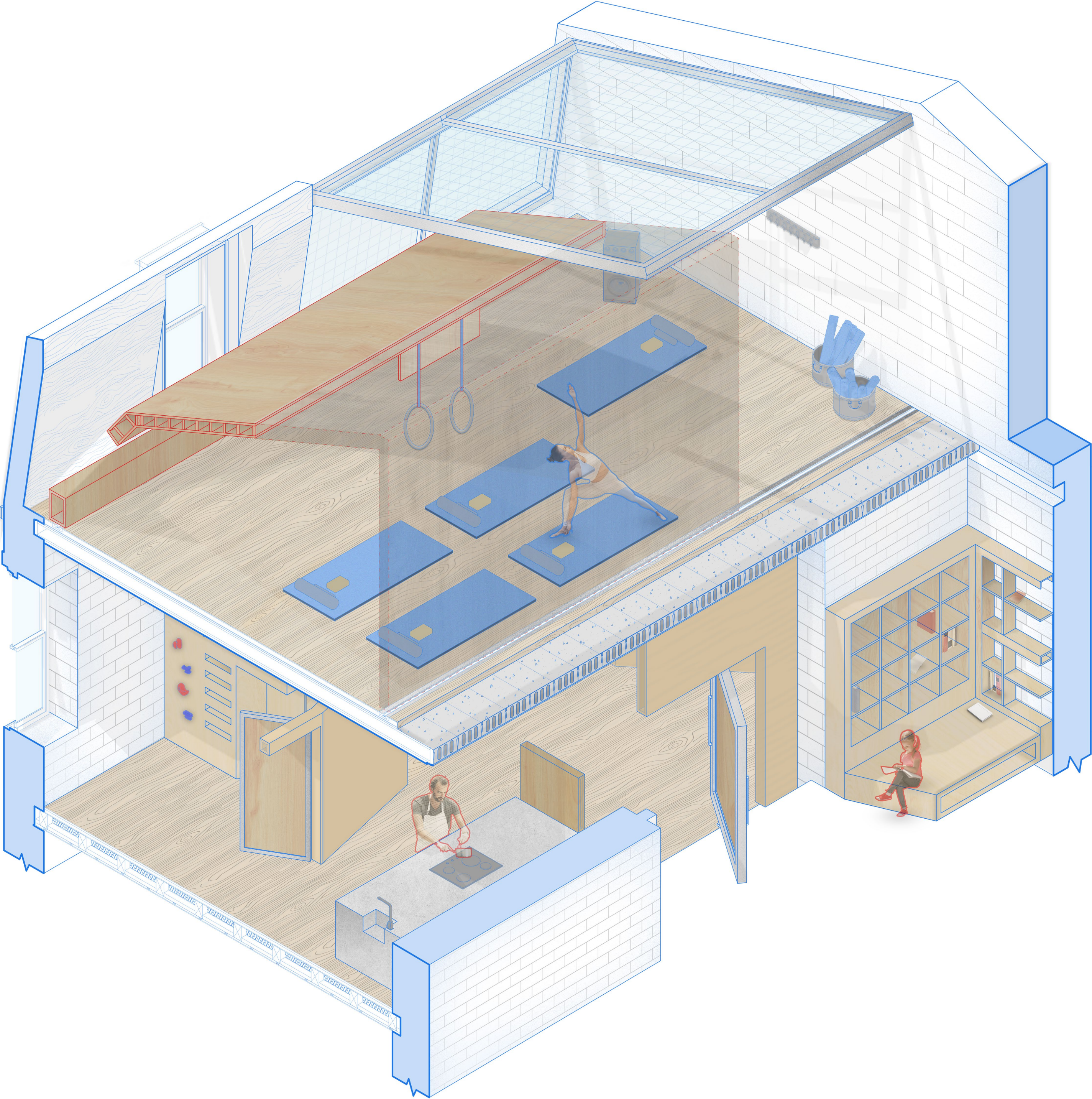
DESIGNED TO REINFORCE STRUCTURE  
DESIGN LANGUAGE OF EXISTING GEOMETRY





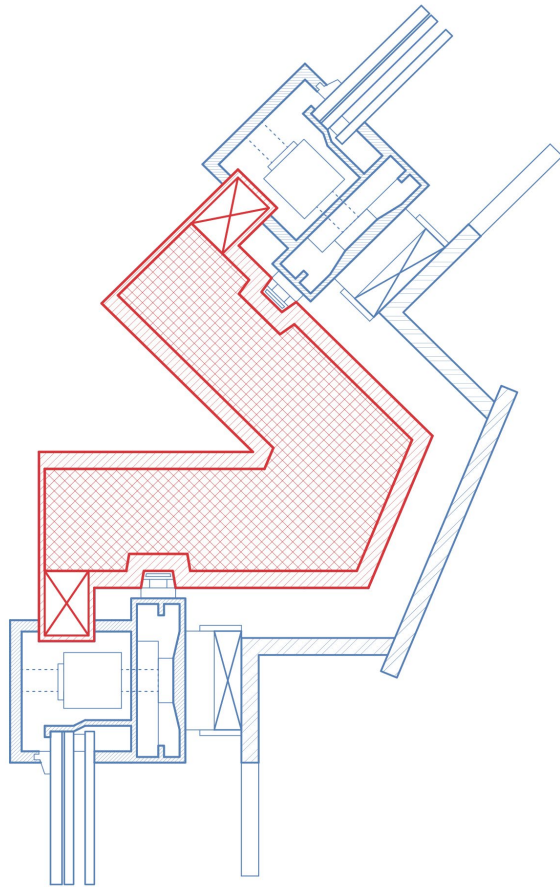
FLEX STUDIO

1.20 DETAILED AXONOMETRIC



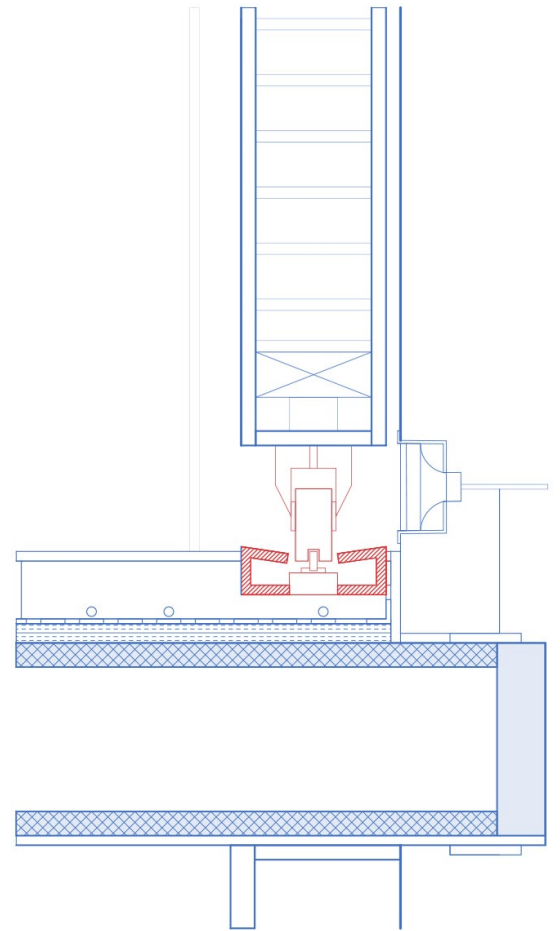
Yoga session intact within the Flex Studio space during day mode.

- 1. 100 MM 3 MM ALUMINUM MULLION 3 MM SKIN THICKNESS
- 2. 36 MM EXPANDED METAL MESH GLAZING
- 3. 5 MM WATERPROOF MEMBRANE PANEL LINEN
- 4. 60 MM CORE INSULATED ALUMINIUM PANEL CORNER CONDITION
- 5. 20 MM SEISMIC STEEL KNIFE PLATE
- 6. 10 MM STRUCTURAL GLAZING GASKET
- 7. M10 BOLTING



1.5 DETAILING

- 1. EXTERNAL WALL BUILD-UP
  - 18 MM LARCH BOARDING
  - 38 X 38 MM TYPE A TREATED SOFTWOOD BATTENS
  - 18 MM ORIENTED STRAND BOARD SHEATING
  - PLYWOOD SPACERS
- 2. ASSISTED ELECTRIC MOTOR
  - 12-VOLT BATTERY
  - 18 MM INNER SHEATING (ADDITIONAL OSB)
  - 8 MM POLYCARBONATE SHEETING
- 3. GLAZING PANEL + BASE TRACK SYSTEM
  - 28 MM ALUMINIUM POST AND RAIL CONSTRUCTION
  - GEARBOX OPERATED W/ CHAIN DRIVE
  - STEEL RECTANGULAR HOLLOW SECTION (RHS) GUIDE RAIL



1.10 DETAILING