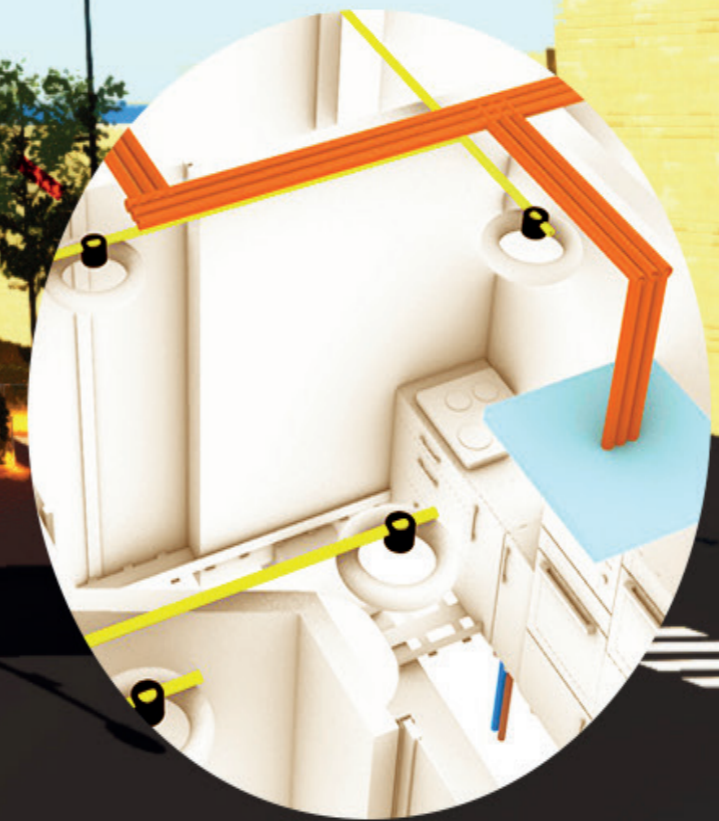


THIS PROJECT AIMS TO REINVENT CONVENTIONS IN APPROACH TO RESIDENTIAL SPACES BY IMPLEMENTING MODULAR TECHNOLOGY FORMS WHICH ALLOWS USER PERSONALISATION & INTERACTIONS WITH THEIR HOMES.

THE FUTURE OF MODULARITY



THIS SCHEME ALLOWS FOR SMALL FOOTPRINT RESIDENCES TO BE INHABITED BUT ALSO ADAPTED TO SUIT DIFFERENT LIFESTYLES AND NEEDS AS WELL AS MAXIMISE AVAILABLE HOUSING WITHIN BATH

BUILDABLE AND HABITABLE LAND ACROSS OUR PLANET IS A FINITE RESOURCE IN WHICH WE MUST USE CAREFULLY. THIS SCHEME ALLOWS FOR SPATIAL MAXIMISATION TO OCCUR AND FOR HUMANS TO RESIDE WITHIN SMALLER LIVING SPACES.

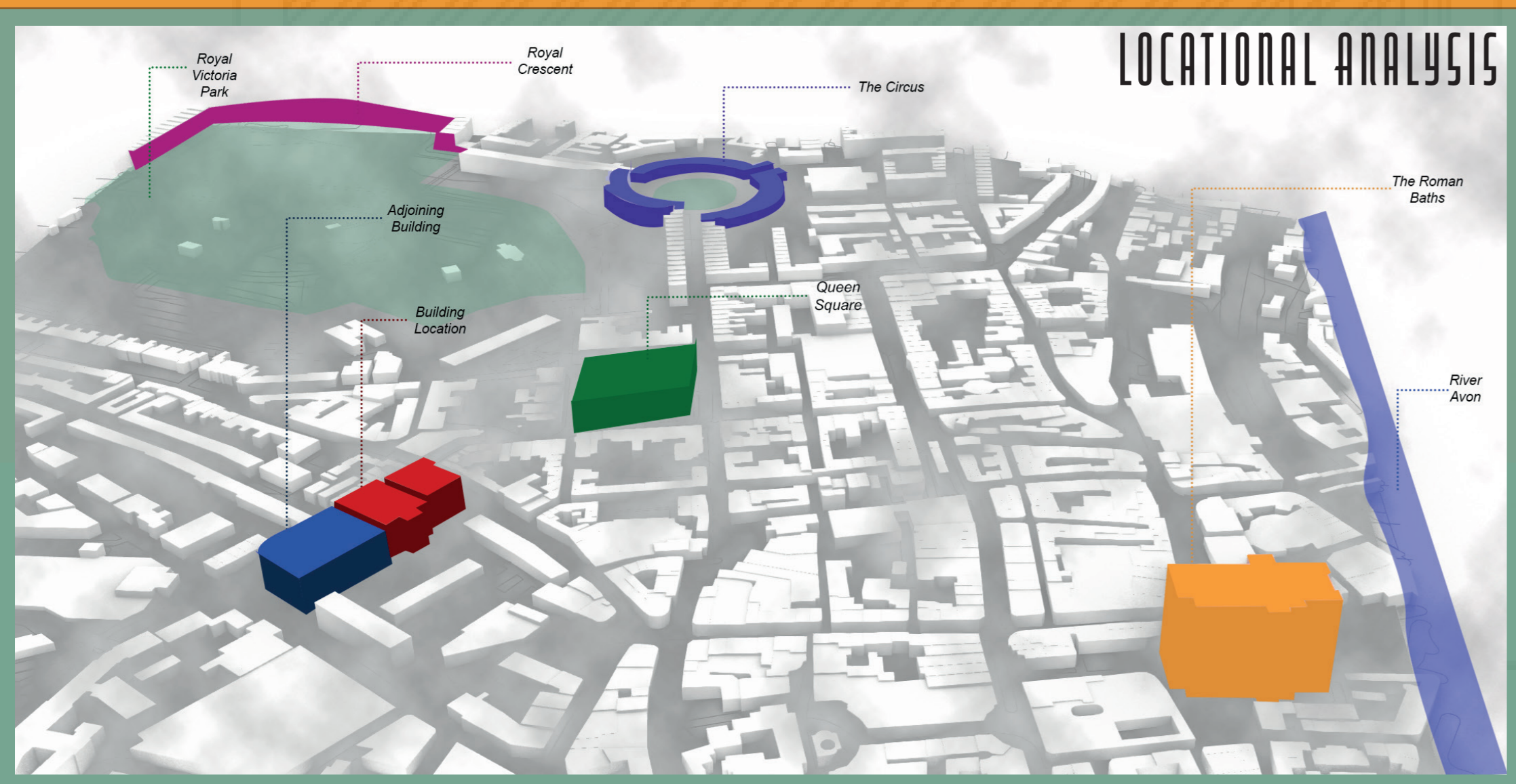
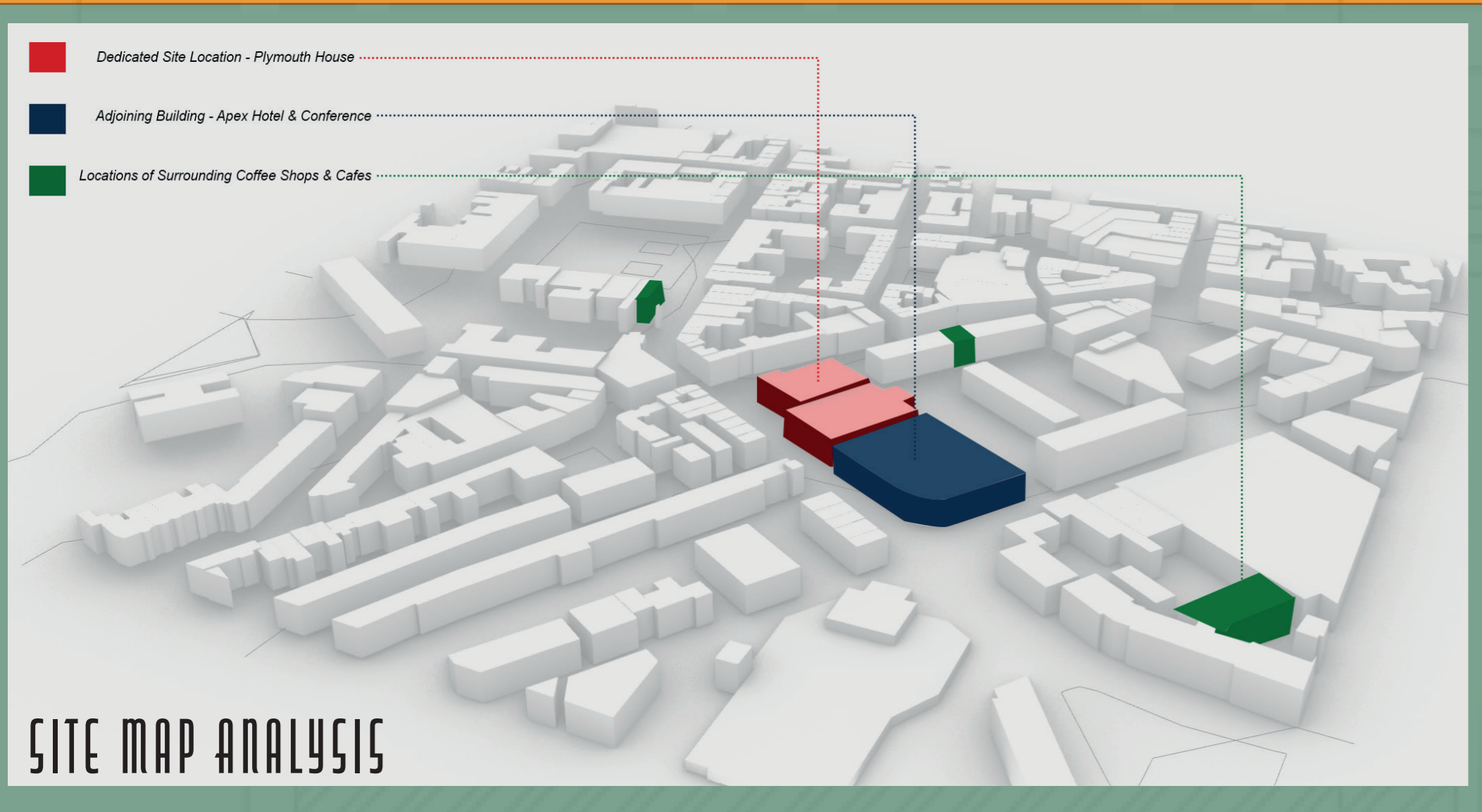
THE PREMISE

01

WELCOME TO THE FUTURE OF MODULARITY - CREATED BY DAN DOWNER

CHOSEN LOCATION - PLYMOUTH HOUSE, MONMOUTH STREET, BATH, SOMERSET

THE SITE & LOCATION



BATH'S HISTORICAL SIGNIFICANCE, UNESCO WORLD HERITAGE STATUS, CULTURAL APPEAL, ENVIRONMENTAL CONSCIOUSNESS, AND COLLABORATIVE ATMOSPHERE MAKE IT A RELEVANT PLACE FOR THE INNOVATION OF RESIDENTIAL FORMS IN ARCHITECTURE. BY LEVERAGING THE CITY'S UNIQUE CHARACTERISTICS, ARCHITECTS CAN CREATE DESIGNS THAT BLEND SEAMLESSLY WITH BATH'S EXISTING ARCHITECTURAL FABRIC WHILE ADDRESSING THE EVOLVING NEEDS AND ASPIRATIONS OF MODERN RESIDENTS. THE FUSION OF TRADITION AND INNOVATION IN RESIDENTIAL ARCHITECTURE CAN CONTRIBUTE TO BATH'S CONTINUED RELEVANCE AND HELP SHAPE ITS FUTURE AS A FORWARD-THINKING CITY.

THROUGHOUT THIS PROJECT VAST LEVELS OF CONCEPT DEVELOPMENT OCCURRED, IN ORDER TO FULLY EXPLORE THIS SCHEME EFFECTIVELY AND IN RELEVANT DETAIL.

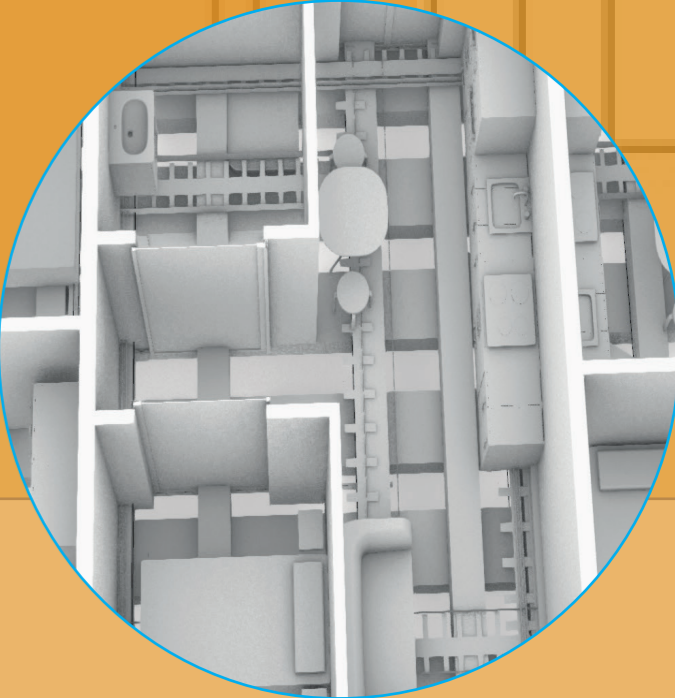
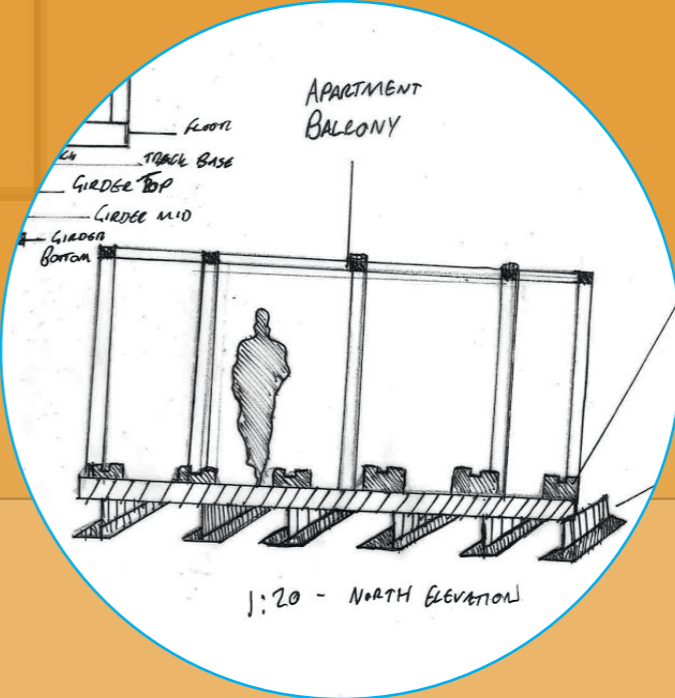
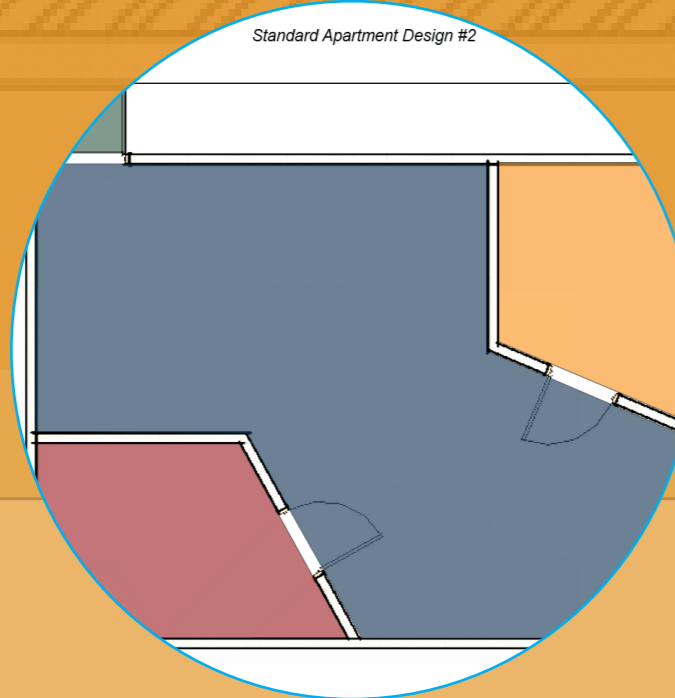
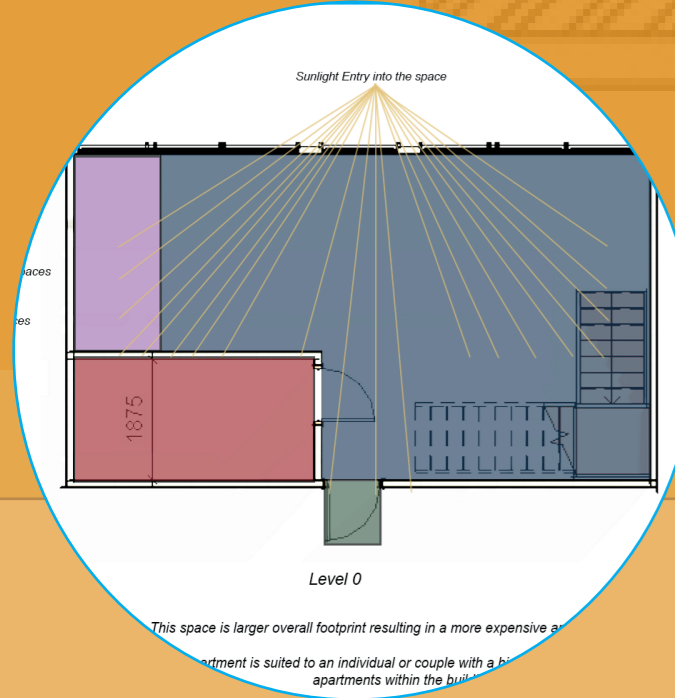
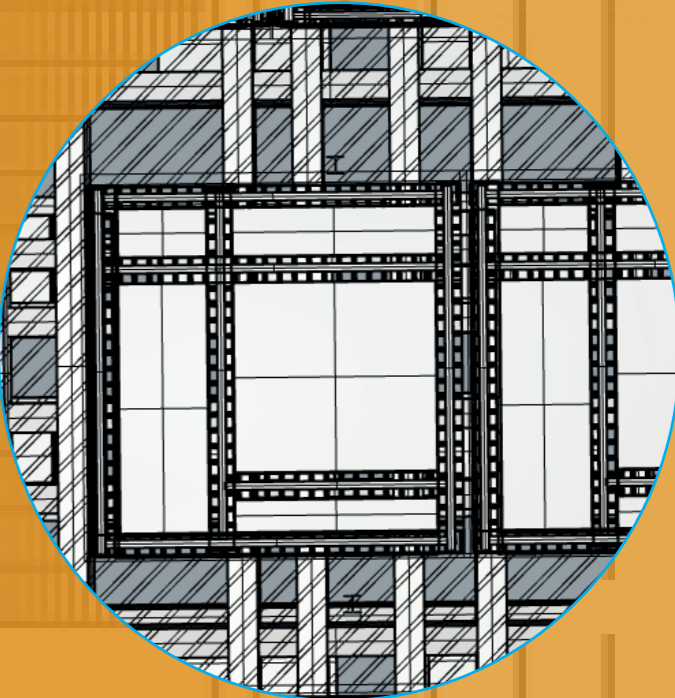
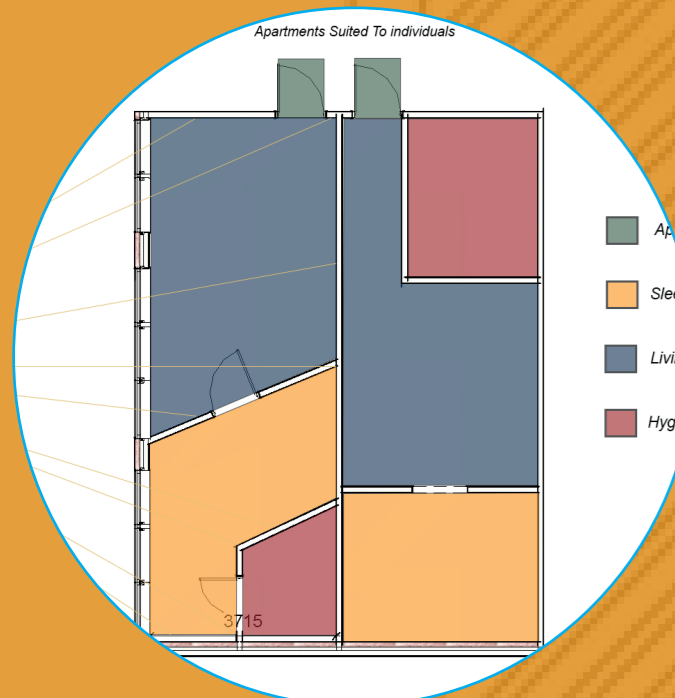
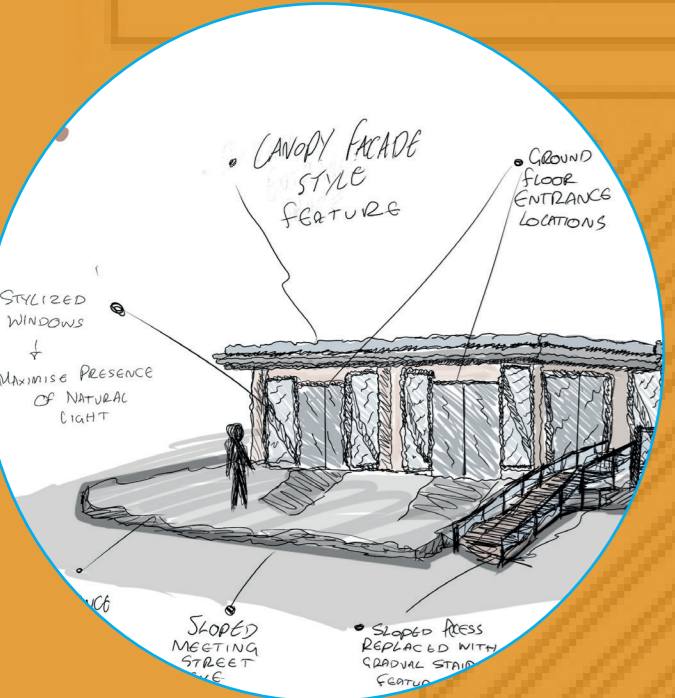
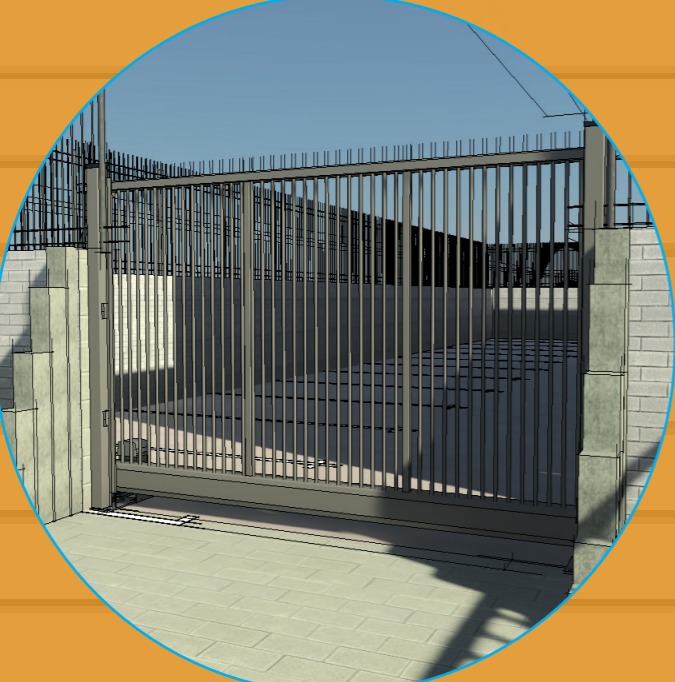
THIS INCLUDED INTERIOR & EXTERIOR DESIGNS, SUSTAINABILITY CONSIDERATIONS AND THE KEY AREA OF THIS PROJECT, THE MODULARITY/MOVEMENT SYSTEM

EXTERIOR CONCEPTS

INTERIOR CONCEPTS

RESIDENTIAL FORMS

MODULARITY SYSTEM



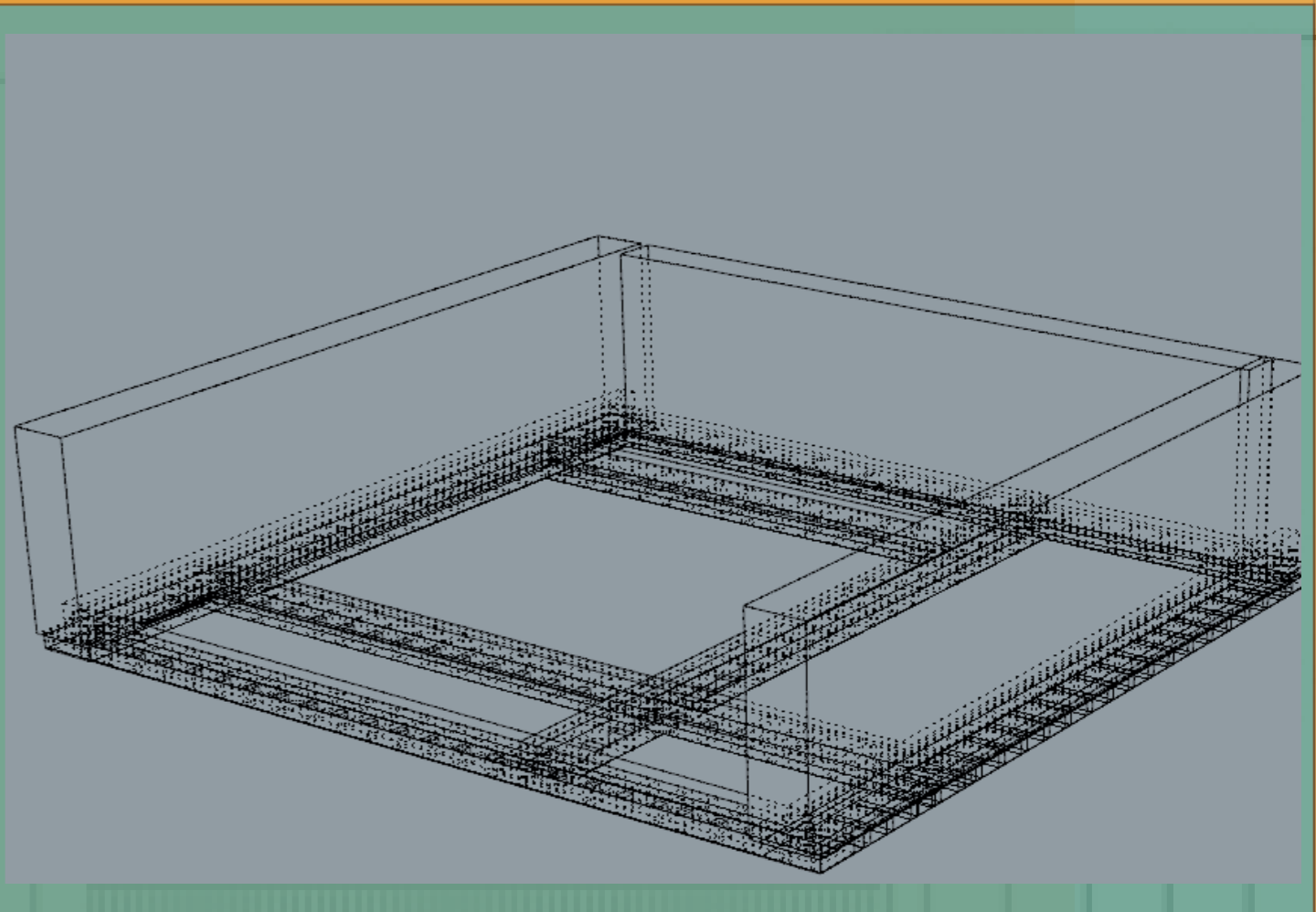
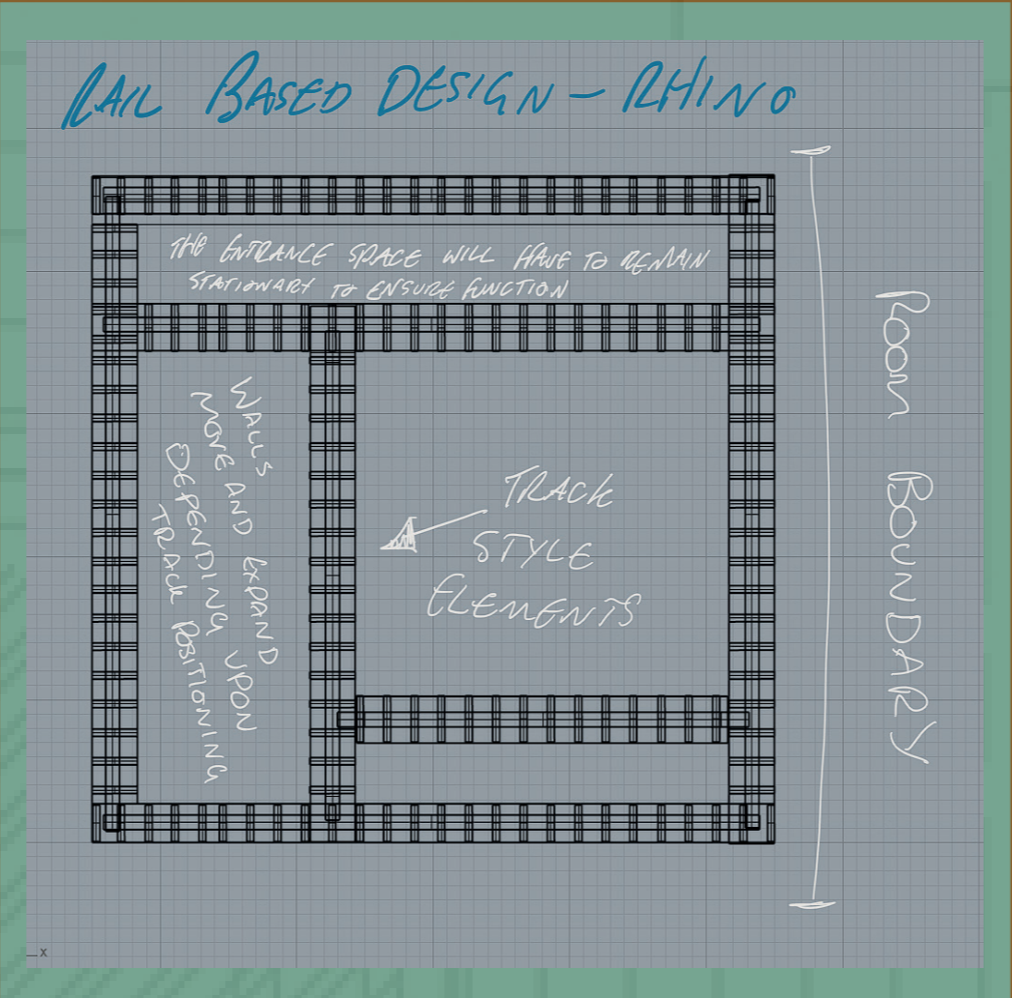
This space is larger overall footprint resulting in a more expensive apartment is suited to an individual or couple with a high-end apartment within the building.

INITIAL CONCEPTS

THE MODULARITY SYSTEM WAS DESIGNED IN ORDER TO MAXIMISE THE USABLE SPACE THROUGHOUT THE APARTMENTS DESIGNED WITHIN THIS PROJECT.

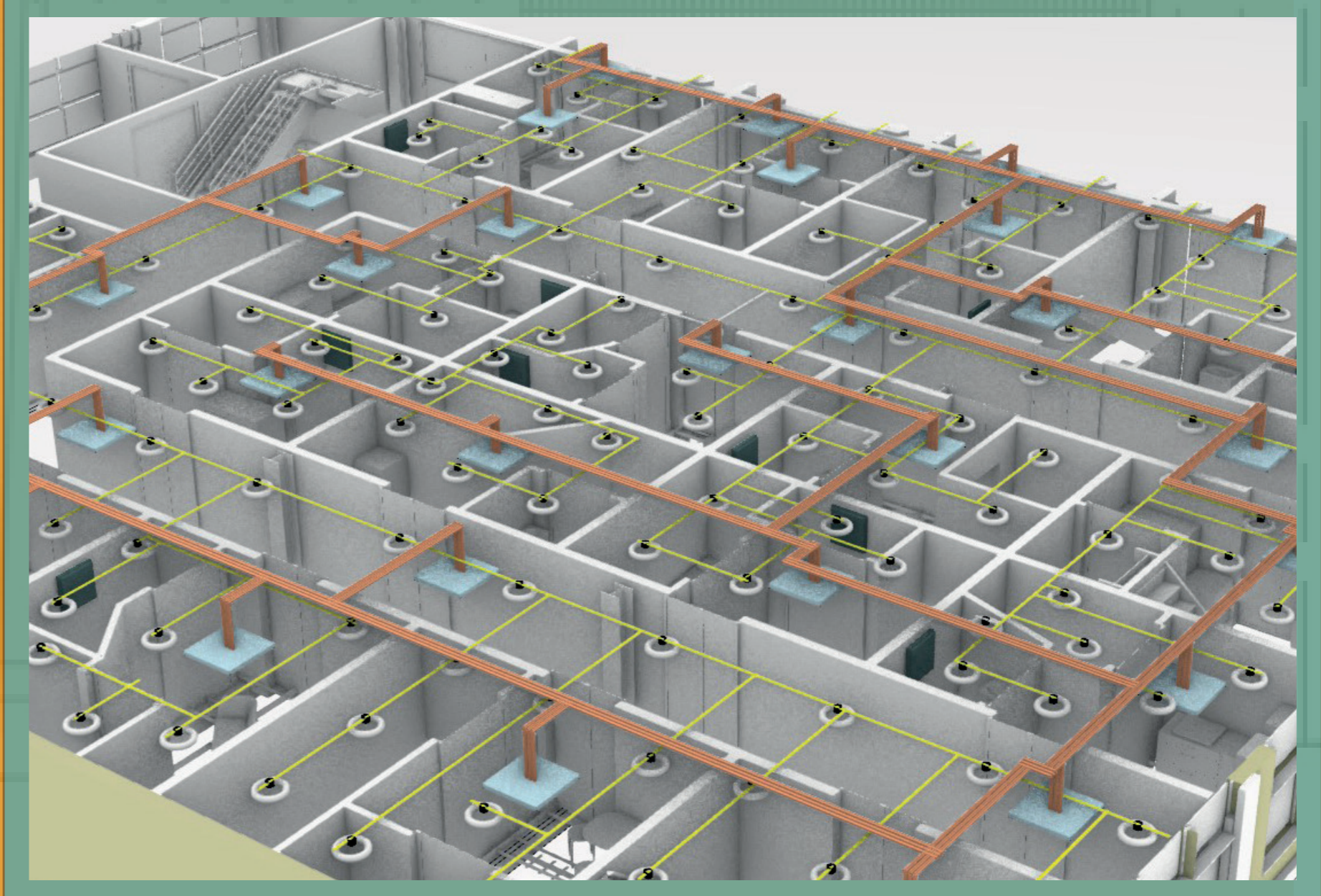
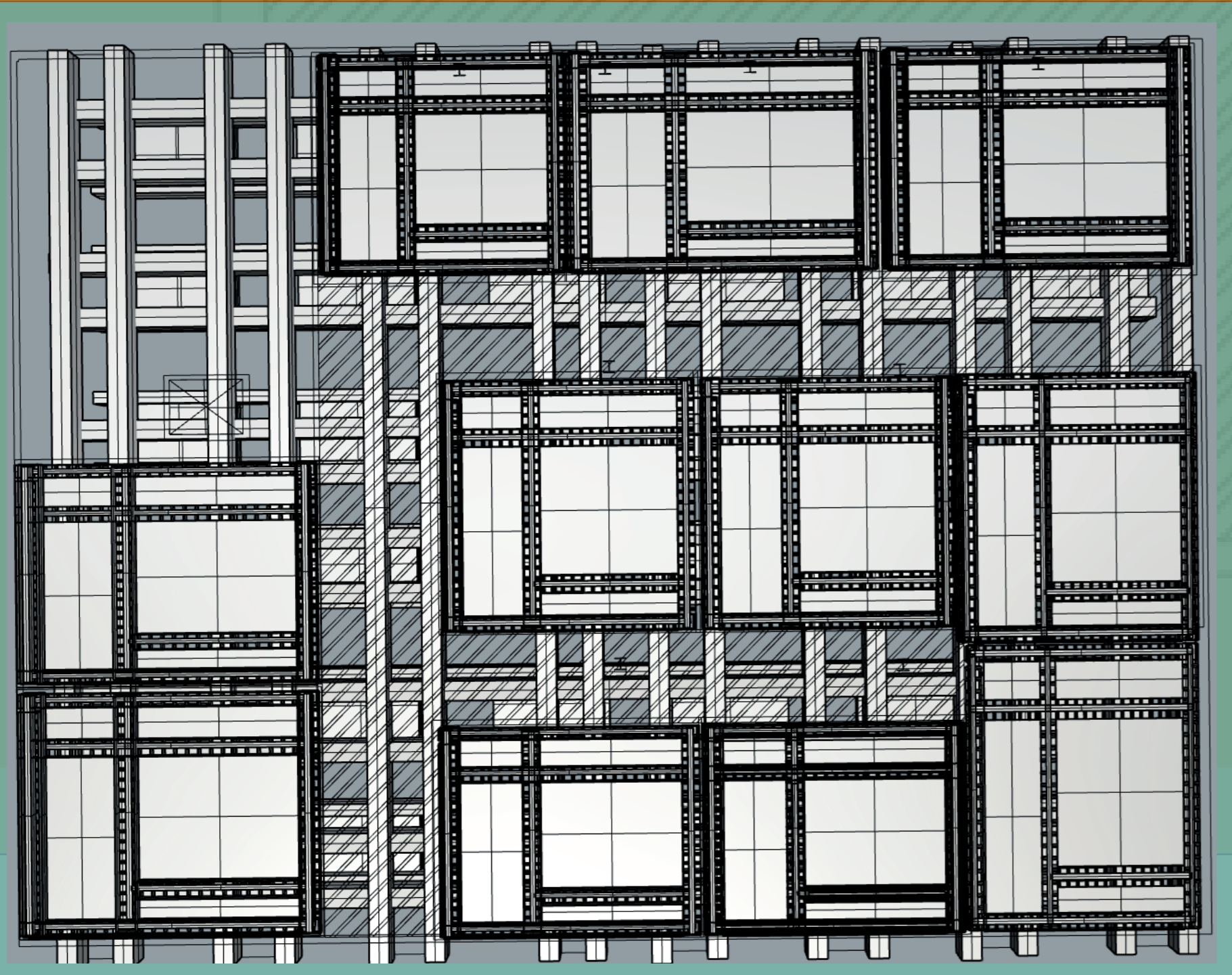
THE SYSTEM REFLECTS THAT OF A RAIL TRACK SYSTEM WHICH ALLOWS THE WALLS WITHIN THESE APARTMENTS TO MOVE IN ACCORDANCE WITH THE NEEDS OF THE INHABITANTS.

IT IS AN ELECTRICAL AND AUTOMATED PROCESS TO FUTUREPROOF THE IDEA AS WELL AS ALLOWS FOR SIMPLE USER INTERACTIONS WITHOUT LIMITATIONS CAUSED BY PHYSICAL ABILITY



FINAL SYSTEM MODEL

DEVELOPED SYSTEM



THE FINAL MODEL ILLUSTRATES THE SERVICES PRESENT THROUGHOUT THE FIRST FLOOR OF THE BUILDING, INCLUDING LIGHTING, ELECTRICITY AND AIR HANDLING, WHILST THE MODULARITY SYSTEM SITS BENEATH THE FLOOR, LOCKED INTO THE SINGLE LEVEL APARTMENTS THROUGHOUT THIS LEVEL.



FINAL VISUALISATIONS

05

