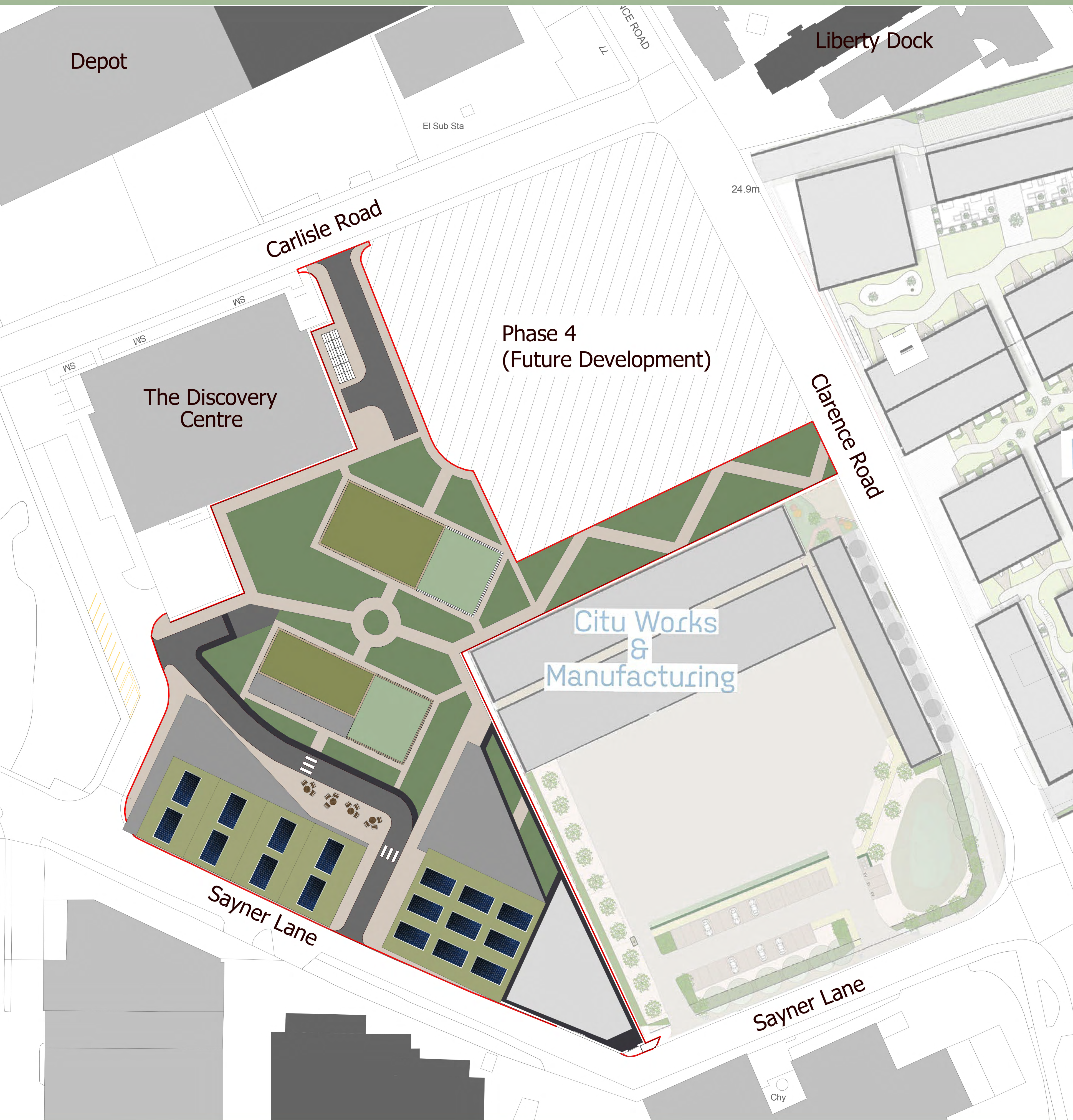
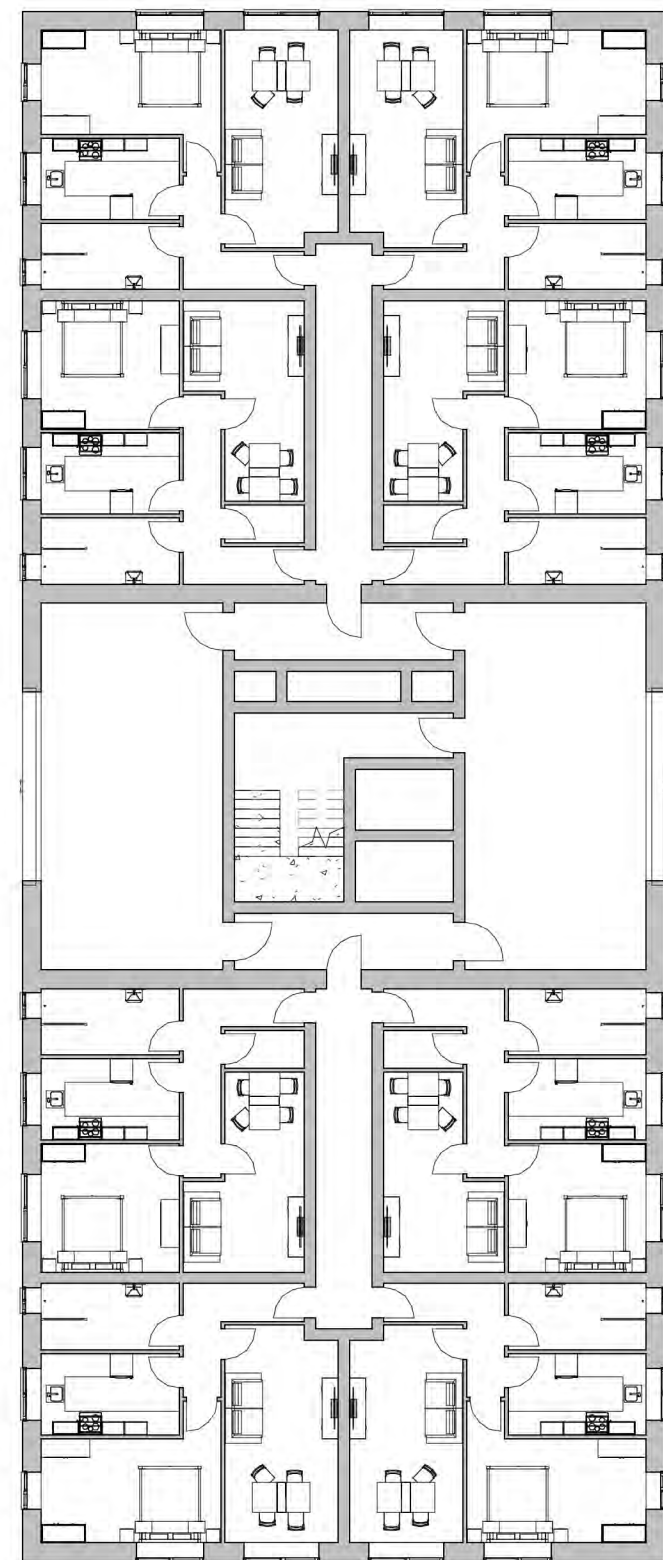


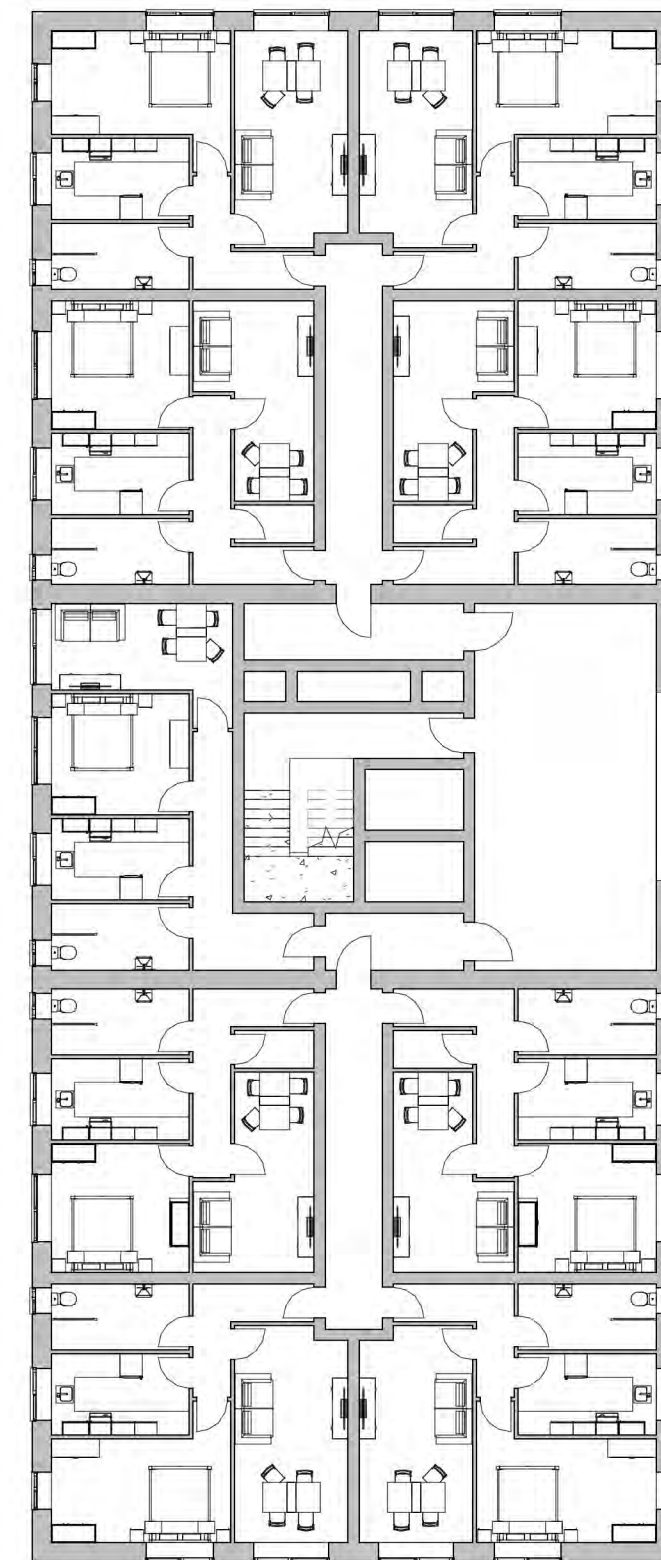


PROPOSED SITE PLAN 1:500@A1

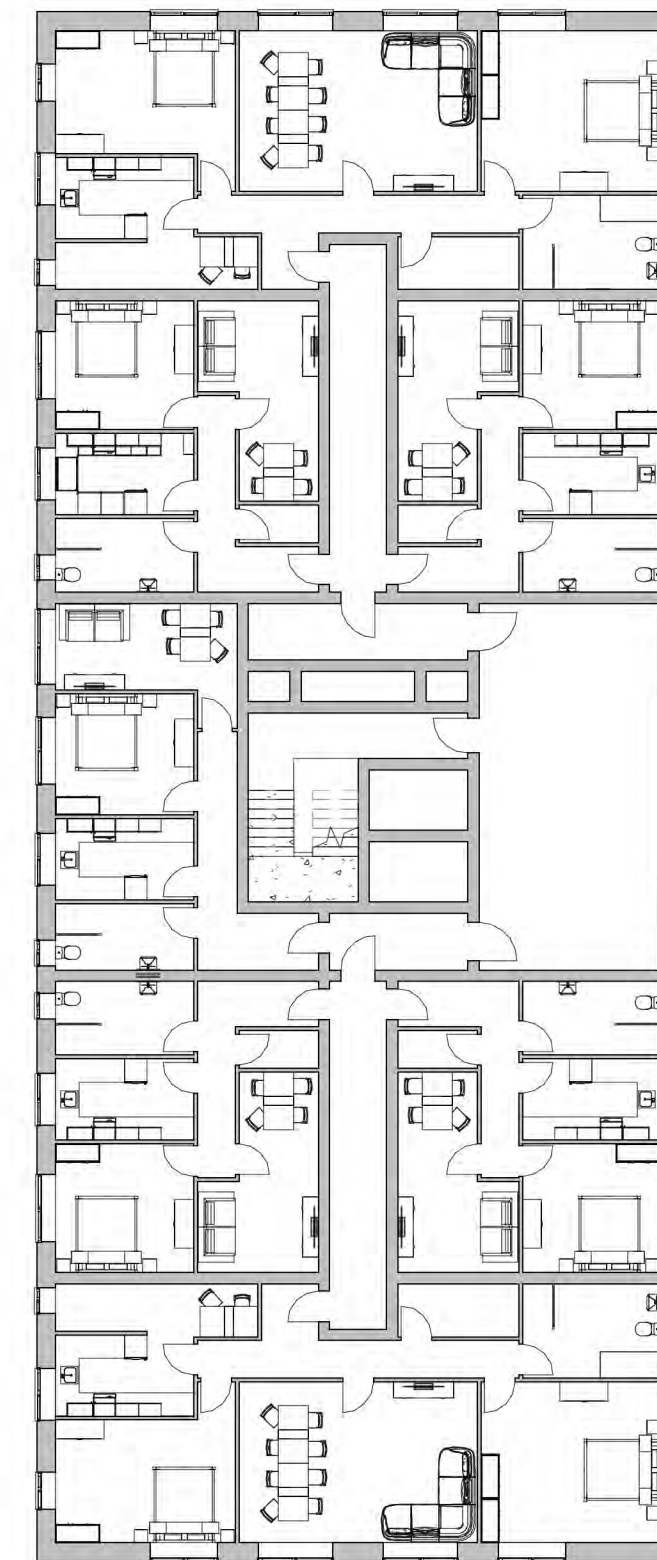
CONCEPT RENDER IMAGES NTS



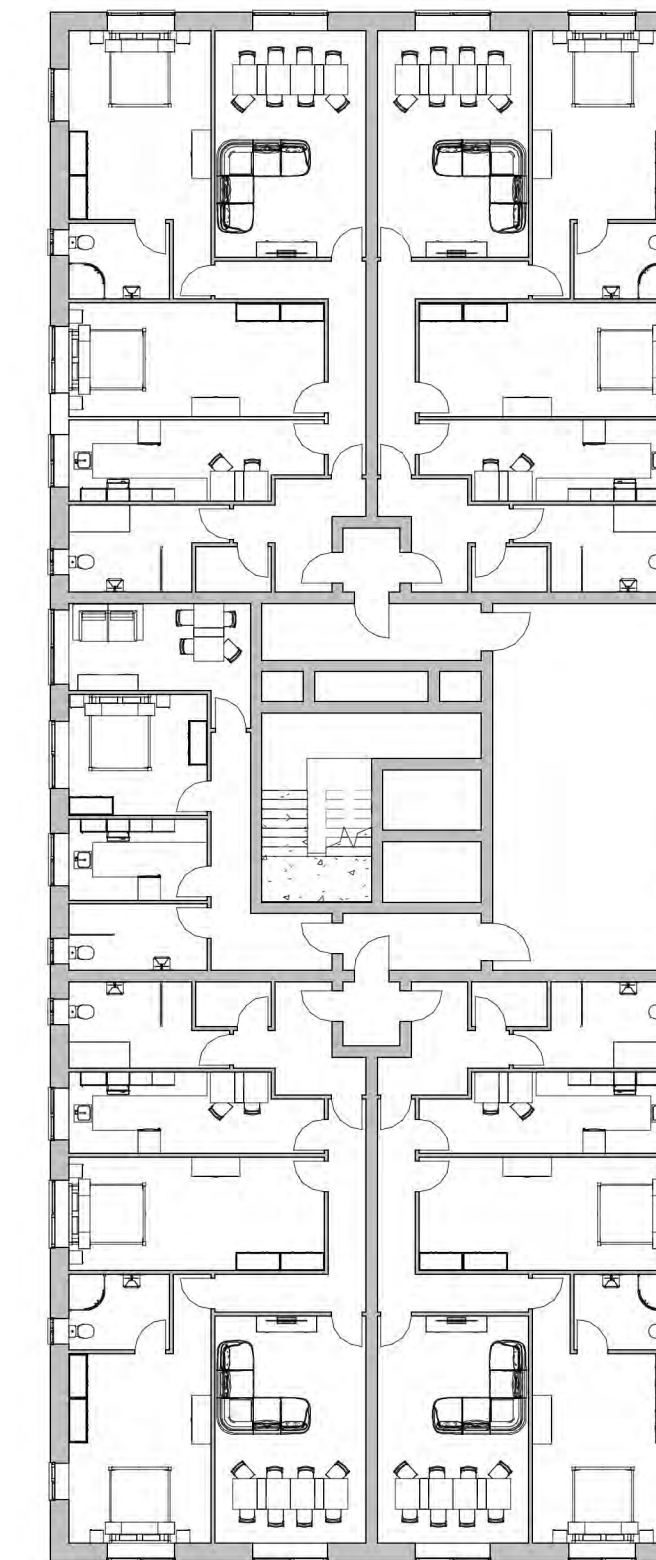
LEVEL 0



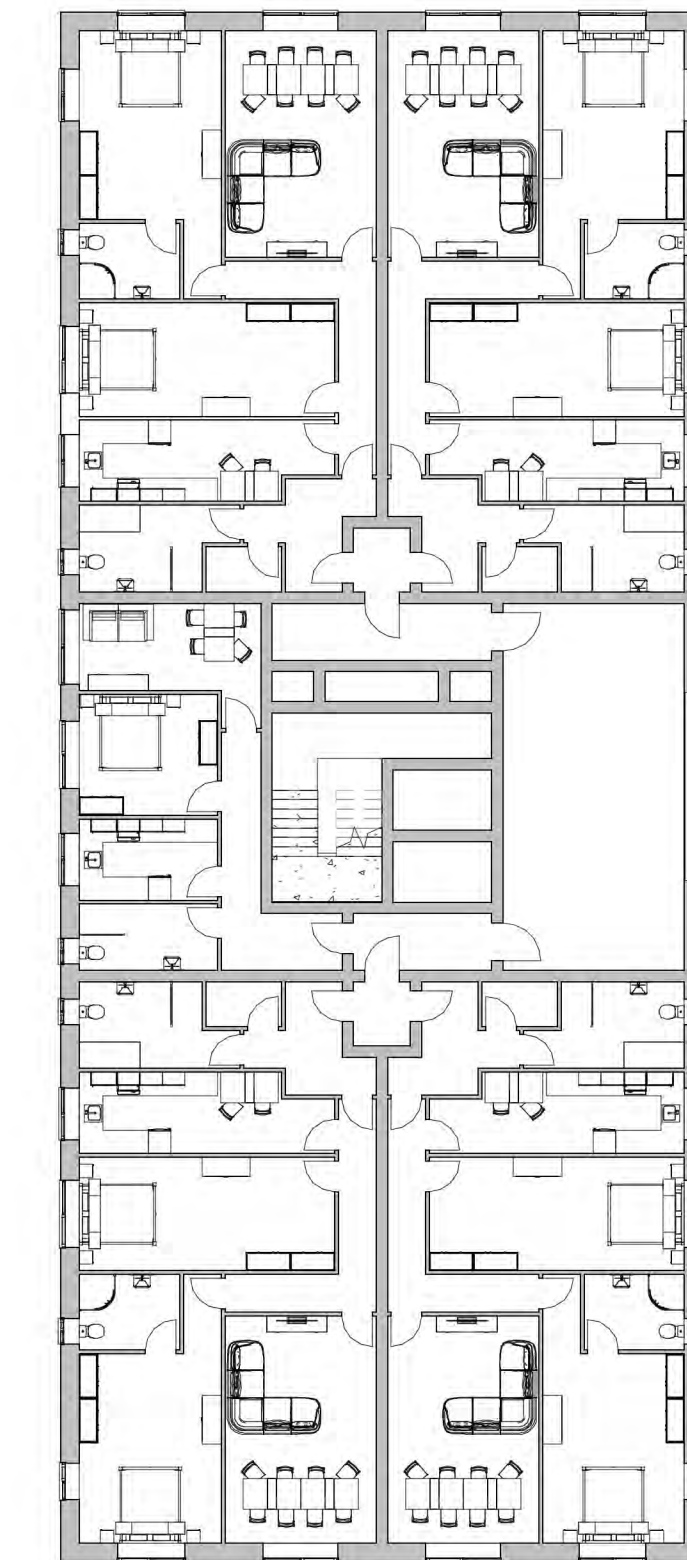
LEVEL 1



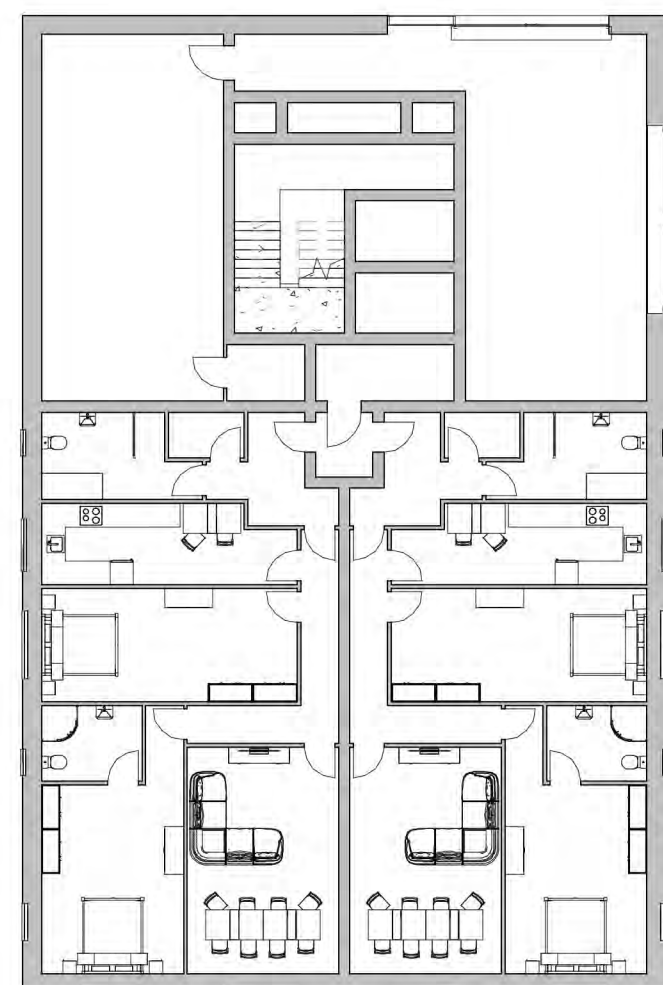
LEVEL 2



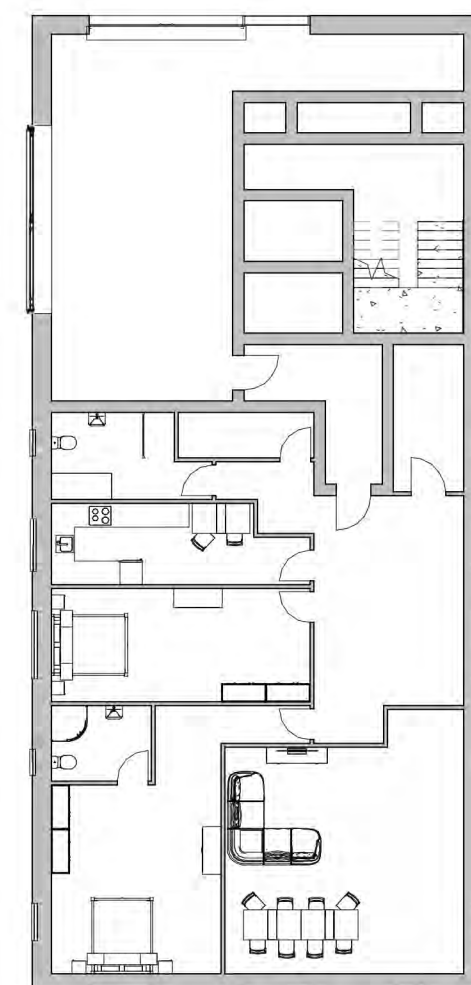
LEVEL 3



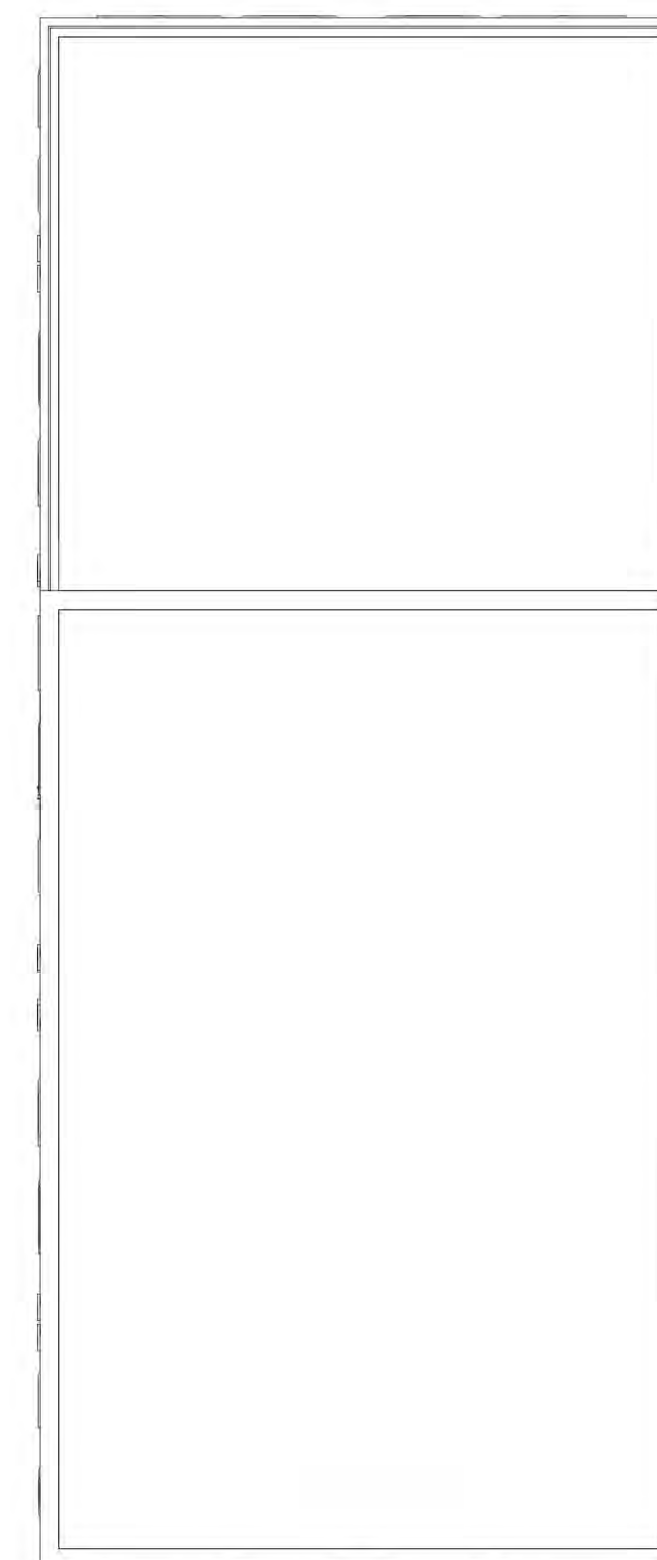
LEVEL 4



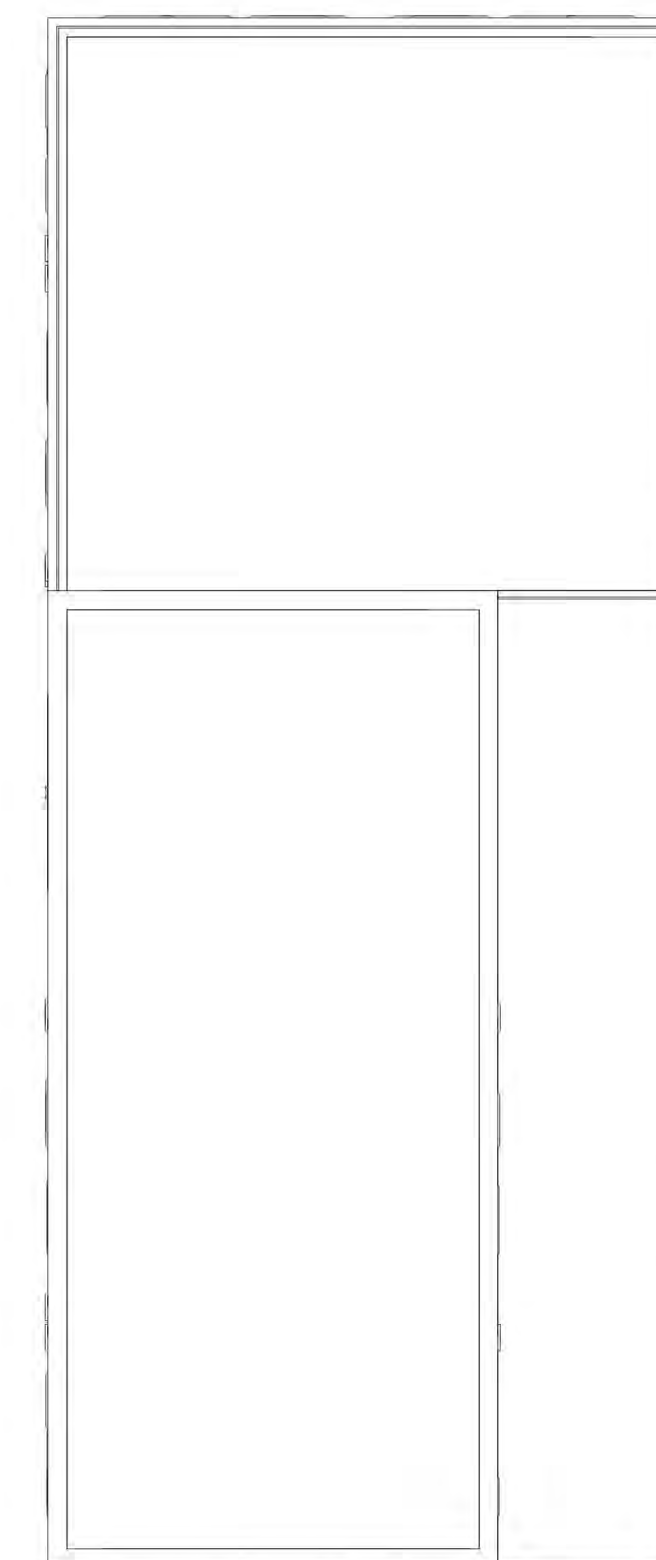
LEVEL 5 Block 1



LEVEL 5 Block 2



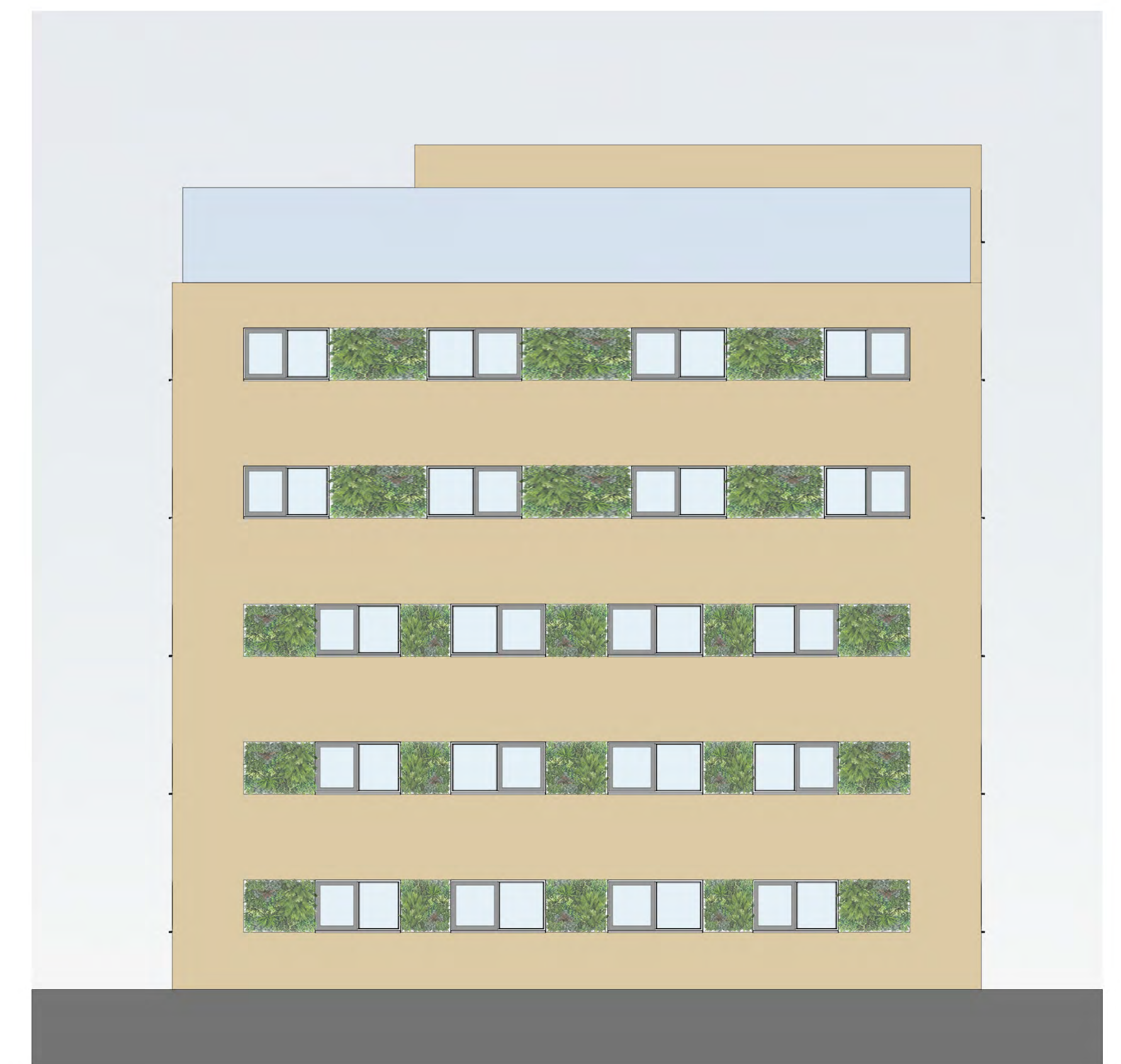
ROOF Block 1



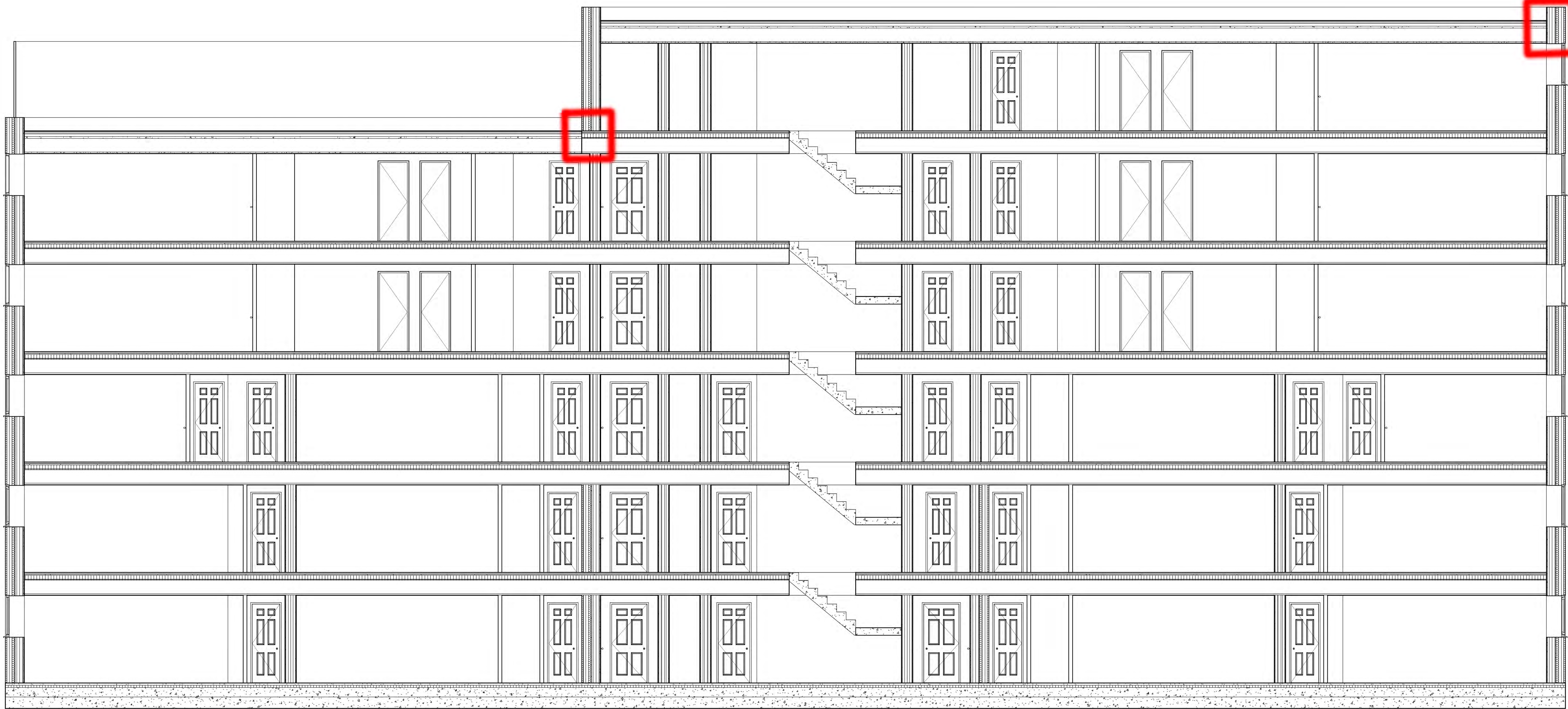
ROOF Block 2

DESIGN BACKGROUND

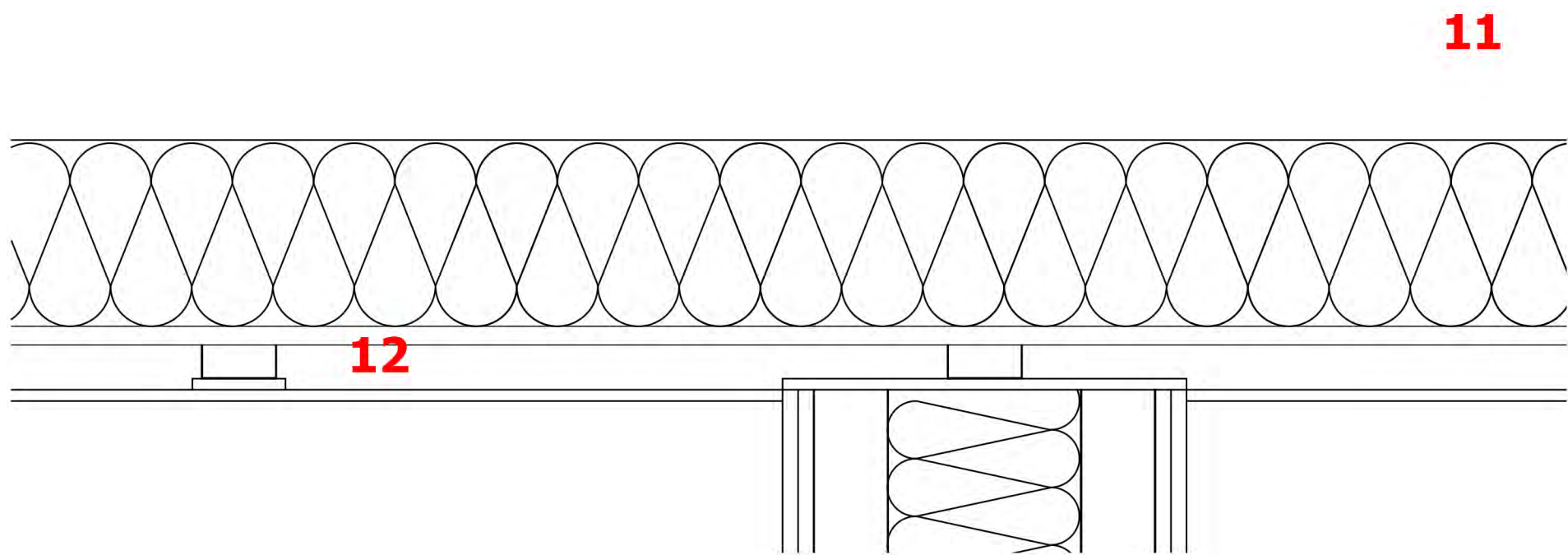
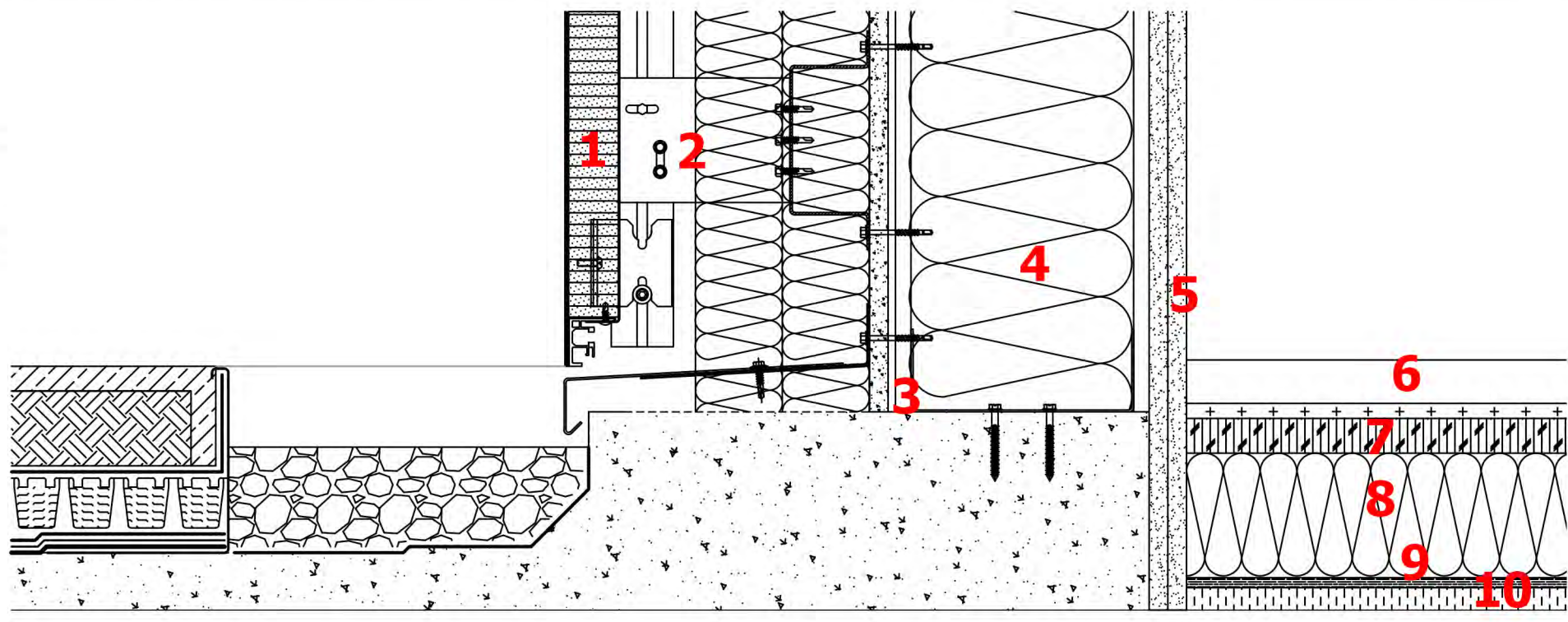
There are two apartment blocks in which home a total of 49 1 Bedroom units and 23 2 Bedroom units. As can be seen within the layouts, it was extremely important to maximise the efficiency of space usage. The blocks can be accessed from both sides and feature a central core with an access stair and two lift shafts in either building. The floor plan layouts are the same between the two blocks but handed. This is until the top floor is reached and they differ. The 1 Bedroom apartments are a minimum of 50 square metres in internal floor area whereas the 2 Bedroom units are generally closer to 100 square metres. Both apartment blocks have the same sized rooftop terrace which would be available to residents only and are positioned to overlook the previous phases of the CITU scheme.



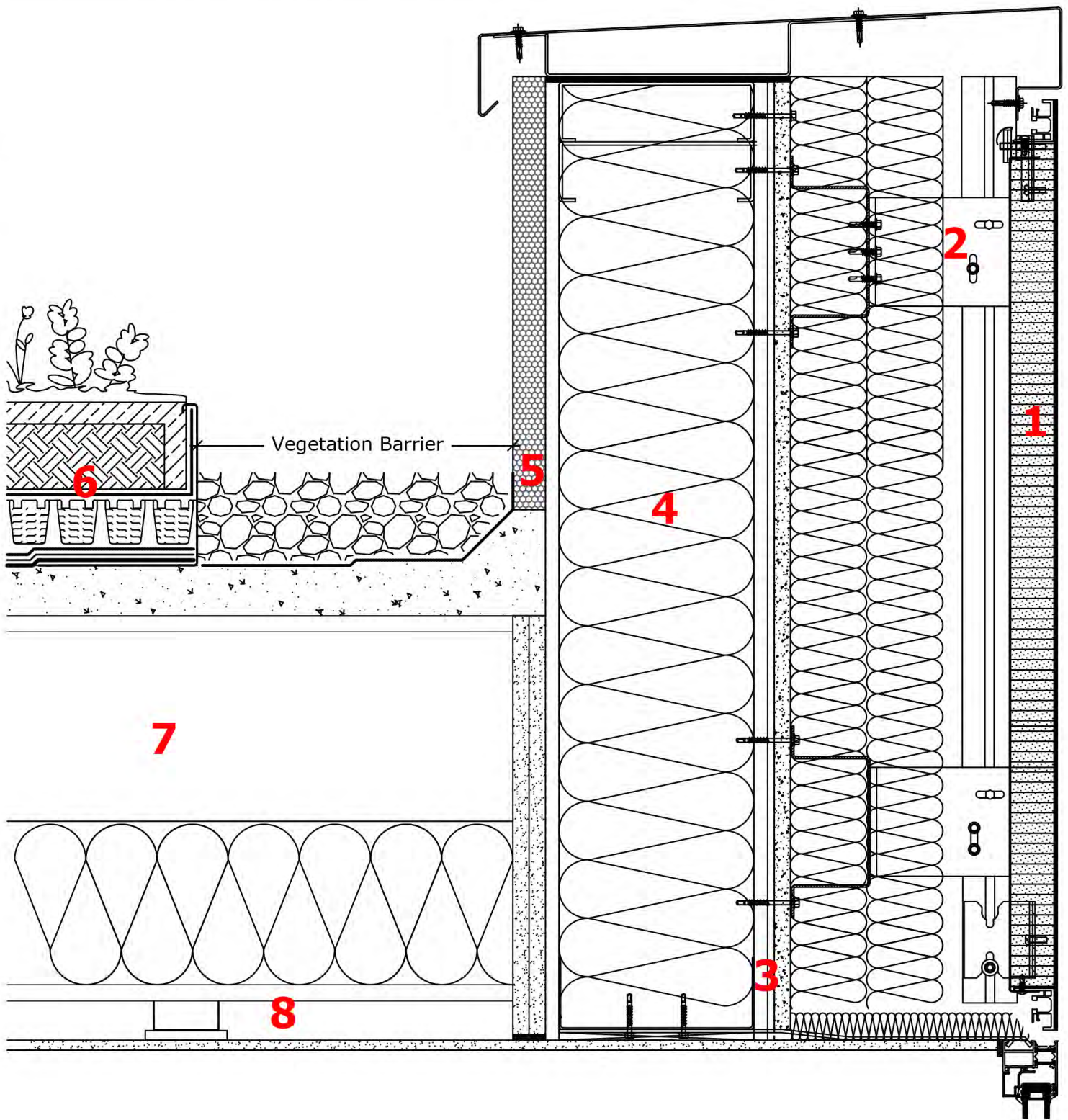
PROPOSED ELEVATIONS (Block 2 Shown) 1:100@A1



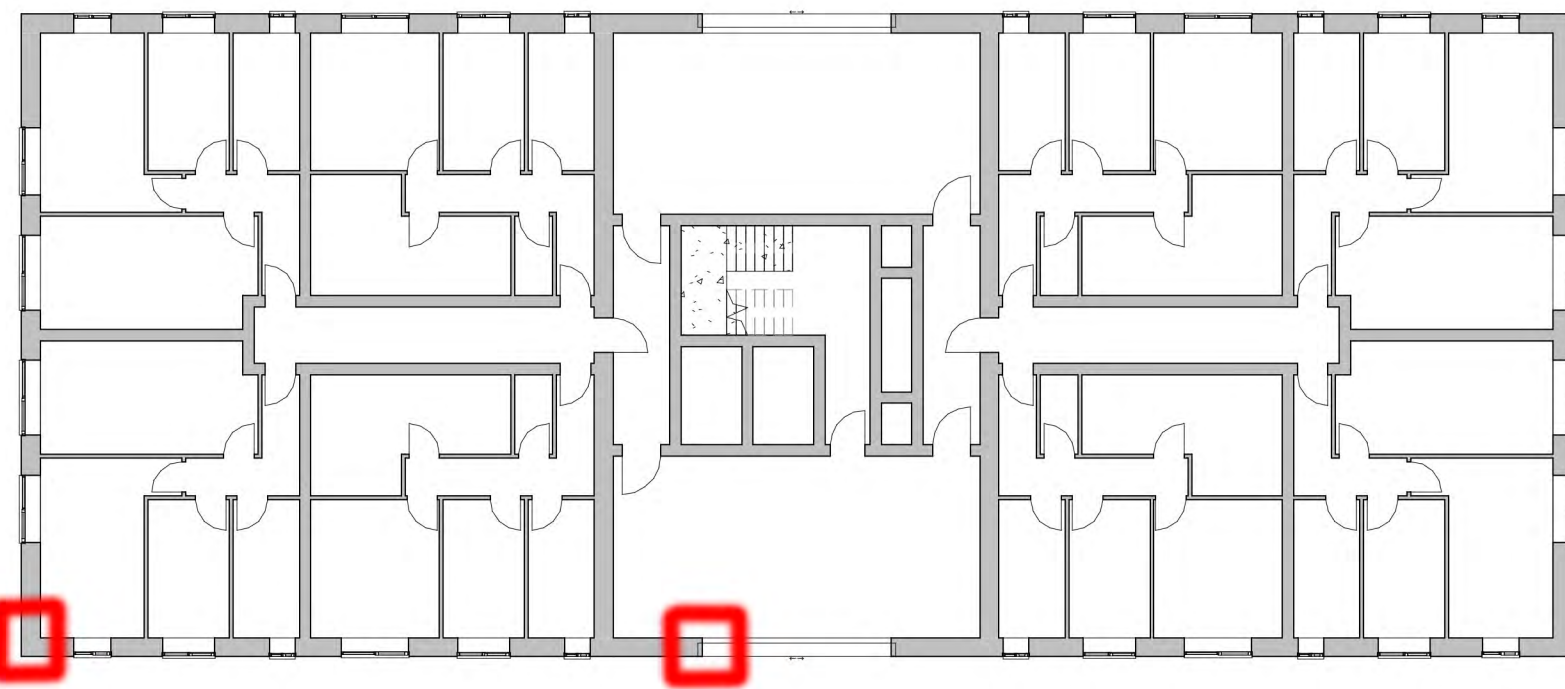
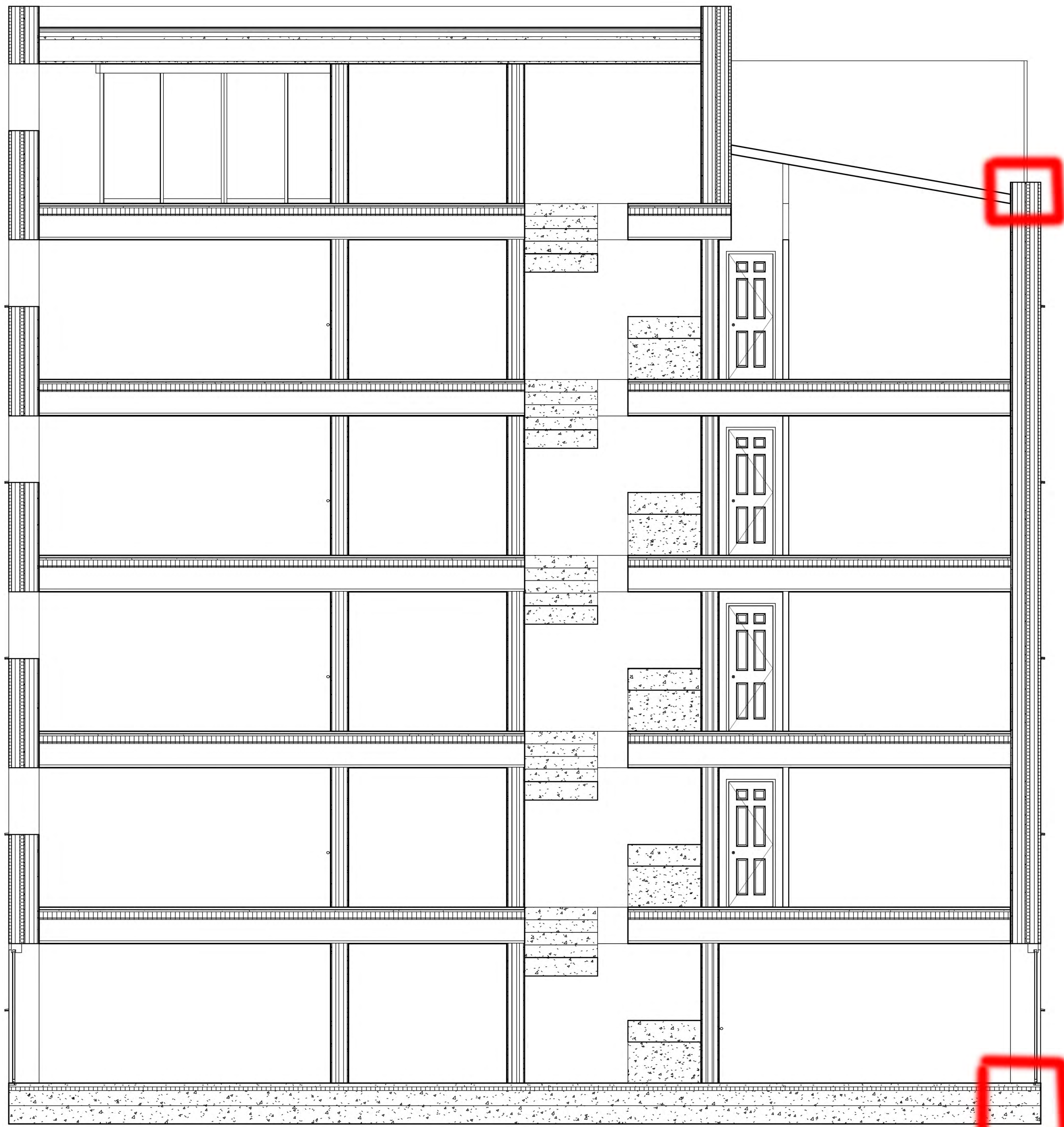
- Wall Floor Junction Detail
- Wall composition as follows from the external;
1. 3mm Ceramic facing, 40mm Honeycomb Core, 1mm panel back skin
 2. Hook fix assembly onto 50mm X 50mm mullion and support bracket which runs across 2X 70mm rigid insulation panels and is tied back to 15mm cement particulate board.
 3. Vapour control layer on the inside of CP board into the main core and framing of the wall.
 4. 210mm width with 204mm steel column and C sections encapsulated by 2X 15mm plasterboards.
 5. Plasterboards run down the side of the floor buildup
- Floor composition is as follows;
6. 35mm carpet over 12mm underlay
 7. 28mm screedboard
 8. 100mm rigid insulation
 9. 8mm Collecta FIBREfon 8 resilient layer
 10. 18mm chipboard @ 600kg/m3 density
 11. 354mm steel joist which has 150mm rockwool insulation infil,
 12. 60mmX27mmX0.5mm at 600mm centres, fixed to this is a Promat SUPALUX fillet 75mm wide, 9mm thick to suspend a 9mm thick SUPALUX board.



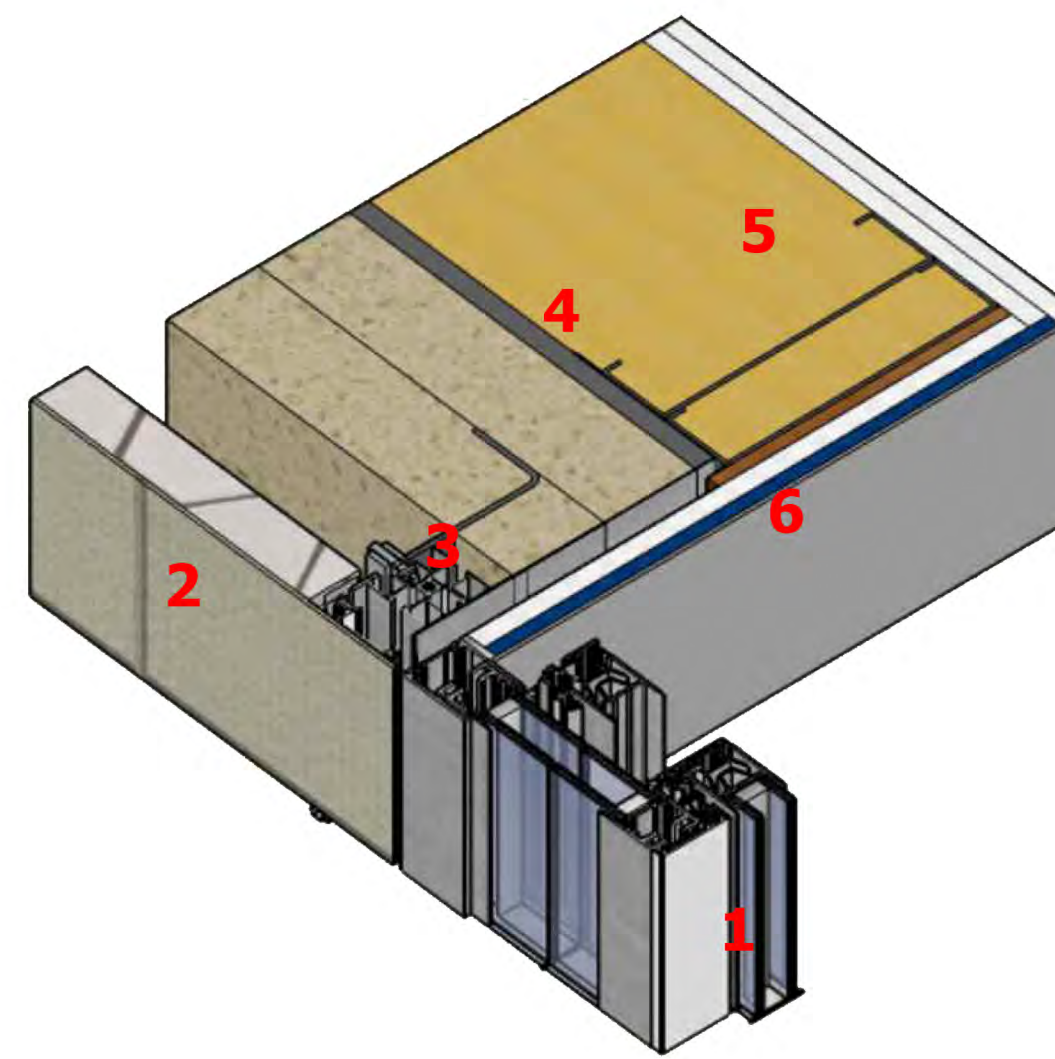
- Green Roof, Parapet to Window Head Detail
- Wall composition as follows from external to internal;
1. 3mm Ceramic facing, 40mm Honeycomb Core, 1mm panel back skin
 2. Hook fix assembly onto 50mm X 50mm mullion and support bracket which runs across 2X 70mm rigid insulation panels and is tied back to 15mm cement particulate board.
 3. Vapour control layer on the inside of CP board into the main core and framing of the wall.
 4. 210mm width with 204mm steel column and C sections encapsulated by 2X 15mm plasterboards
 5. Above 46mm concrete base for green roof, wall backing is 30mm thermal panel, capping over the top.
 6. Green roof is composed from the top down of a sedum layer, substrate layer on top of reservoir board for water storage and drainage, polyester and polypropylene fibre protection mat and finally a single ply membrane over the concrete base.
 7. The base sits on top of a 354mm steel joist which has 150mm rockwool insulation infil,
 8. Transitioning to the internal side there is a fire rated ceiling channel section 60mmX27mmX0.5mm at 600mm centres, fixed to this is a Promat SUPALUX fillet 75mm wide, 9mm thick to suspend a 9mm thick SUPALUX board.



SECTION 1:50
DETAILS 1:5
@A1

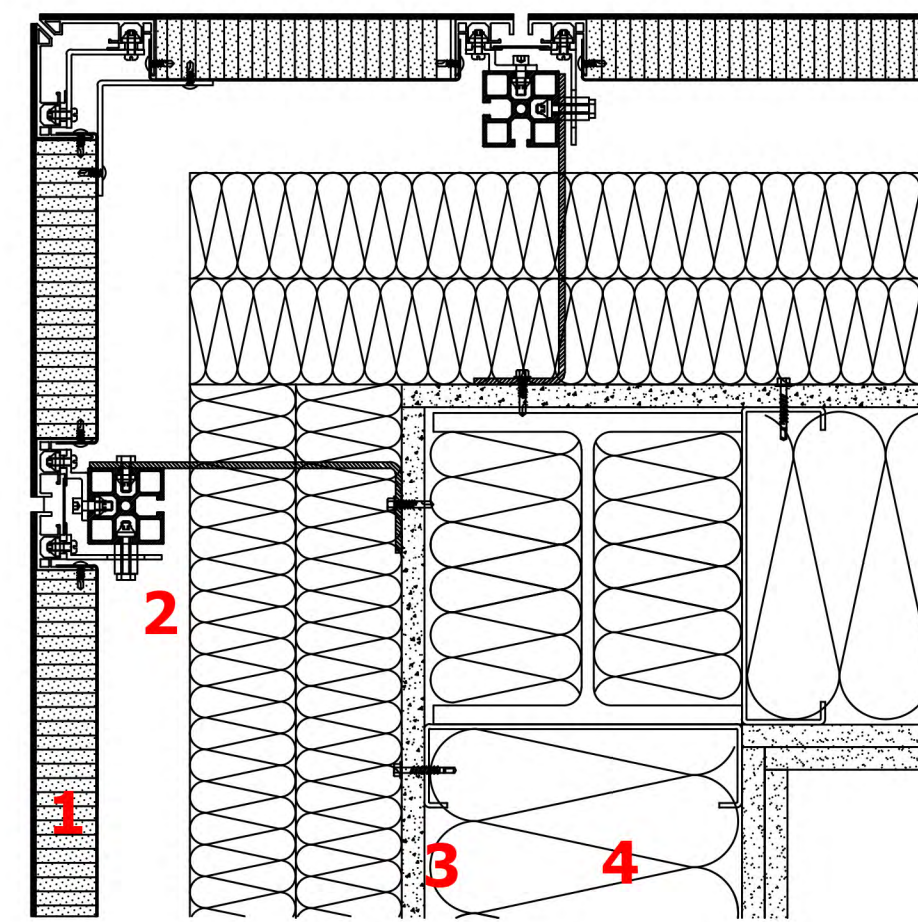


SECTION 1:50
DETAILS 1:5
KEY 1:200@A1



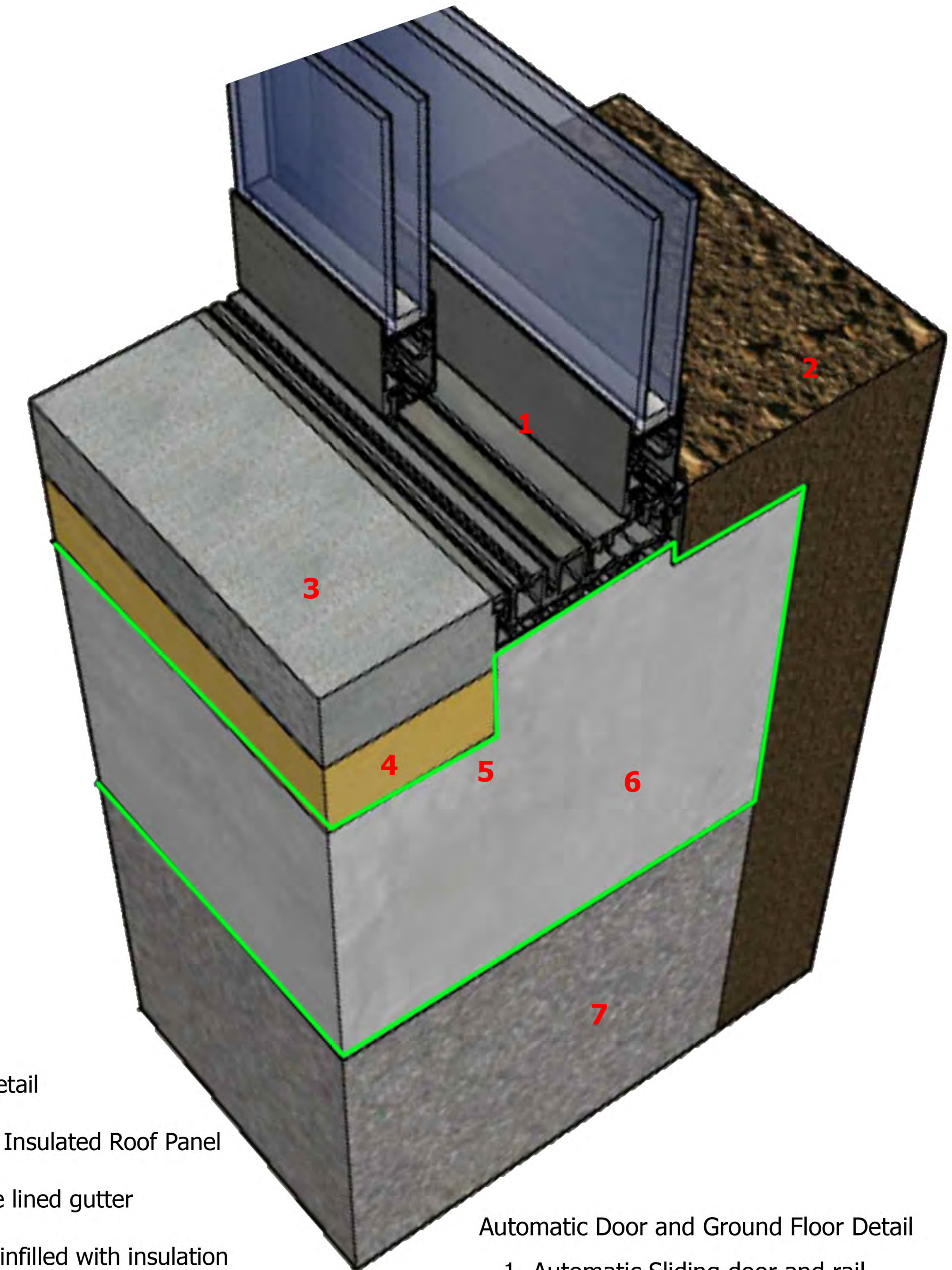
Automatic Door Jamb and Reveal Detail

1. Automatic Sliding door and rail
2. 3mm Ceramic facing, 40mm Honeycomb Core, 1mm panel back skin
3. Hook fix assembly onto 50mm X 50mm mullion and support bracket which runs across 2X 70mm rigid insulation panels and is tied back to 15mm cement particulate board.
4. Vapour control layer on the inside of CP board into the main core and framing of the wall.
5. 210mm width with 204mm steel column and C sections encapsulated by 2X 15mm plasterboards
6. Reveal is 10mm spacetherm aerogel with 3mm Magnesium oxide board.



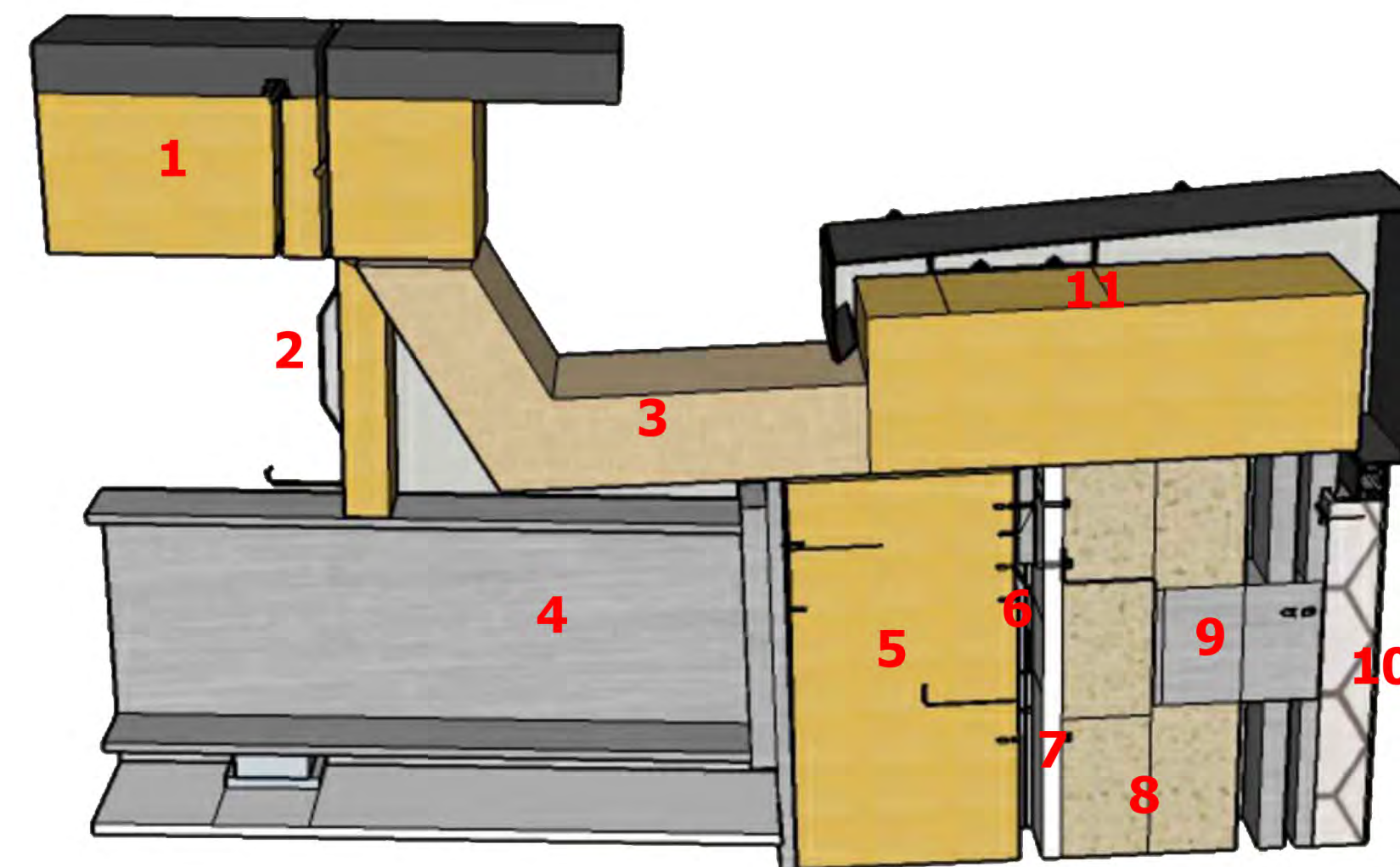
External Corner Detail

1. 3mm Ceramic facing, 40mm Honeycomb Core, 1mm panel back skin
2. Hook fix assembly onto 50mm X 50mm mullion and support bracket which runs across 2X 70mm rigid insulation panels and is tied back to 15mm cement particulate board.
3. Vapour control layer on the inside of CP board into the main core and framing of the wall.
4. 210mm width with 204mm steel column and C sections encapsulated by 2X 15mm plasterboards



Automatic Door and Ground Floor Detail

1. Automatic Sliding door and rail
2. Earthworks to the outside
3. 60mm Screed on the inside
4. 60 mm Insulation
5. Vapour Control Layer
6. 250mm Steel Reinforced Concrete Slab
7. 300mm deep X 600mm wide pile cap



Wall Capping to Pitched Roof Detail

1. Kingspan KS1000RW LPCB Insulated Roof Panel
2. Kingspan Multibeam Purlin
3. 87mm insulated membrane lined gutter
4. 204mm steel joist
5. 204mm wide steel column infilled with insulation
6. Kingspan Eaves Beam
7. 15mm cement particulate board
8. 2X 70mm rigid insulation panels
9. Continuous top hat and mullion support bracket
10. 1mm panel back skin, 40mm honeycomb core, 3mm ceramic facing
11. Capping and support fixed over 120mm rigid insulation