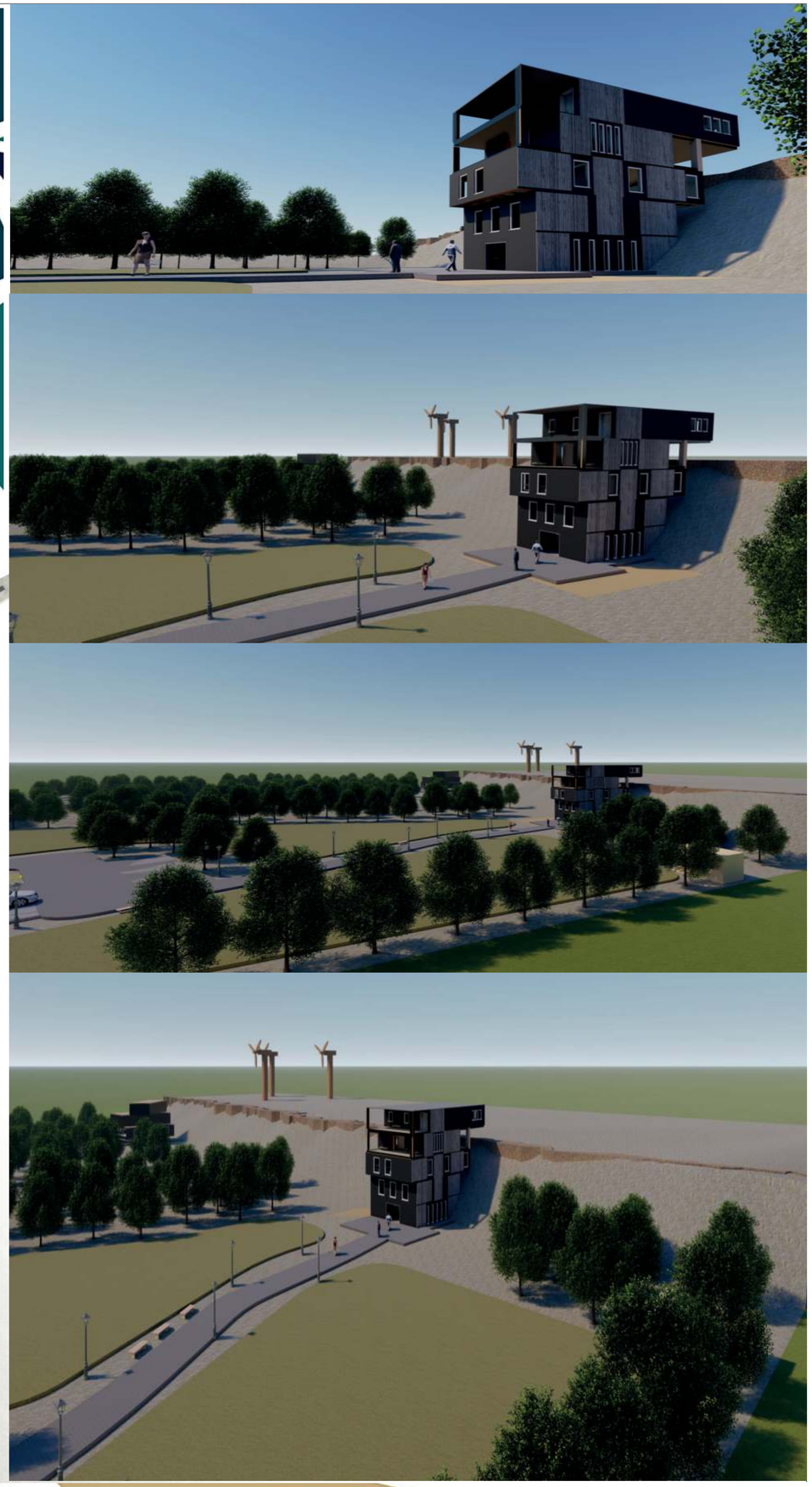
# Site plan and visuals

## Scale 1:100


Shown on the left is my site plan this is how the site will sit and function within the environment. This is to capture one of Iceland's best kept secrets. The location of Grjotagja is one of the most popular destinations in Myvatn area. The crevice that is situated west to the site holds the north American plate and the Europe plate that can been see in the observation areas of the visitors' centre. On the site the visitors centre has been created though the use of shipping container using 6 20ft container and 4 40ft containers.

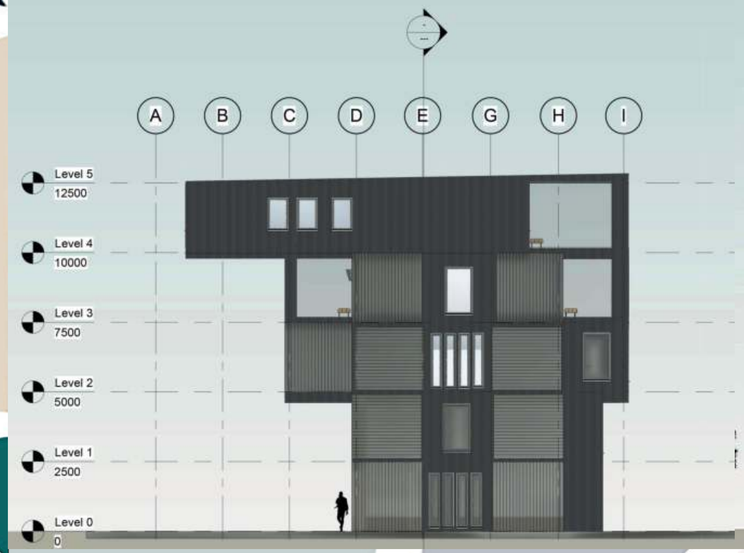
1. The crevice
2. Visitors center
3. Boutique hotel
4. Plant room
5. Car park area
6. Walking paths
7. moss landscape area
8. Aspen tree planting
9. Earth and rock build up
10. Wind mills
11. Road acess to site



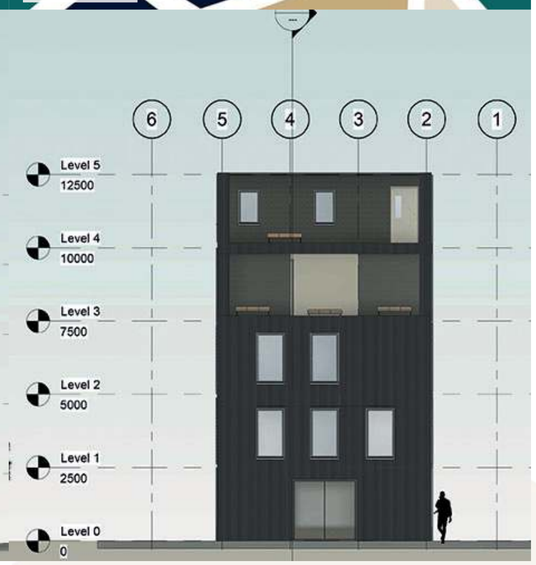
# Elevations and sections

Scale 1:50

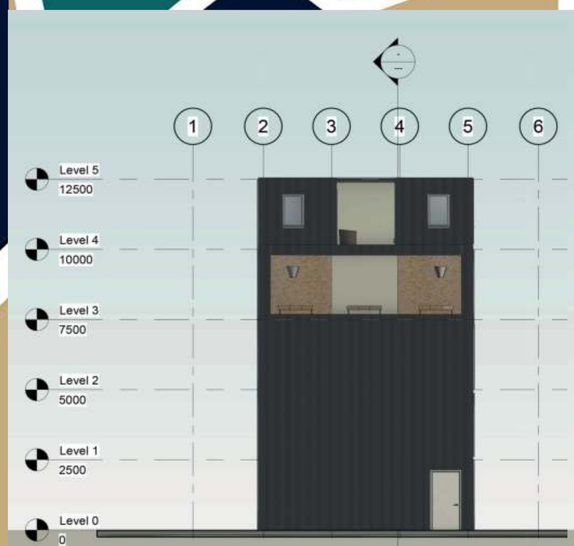
## North




## west

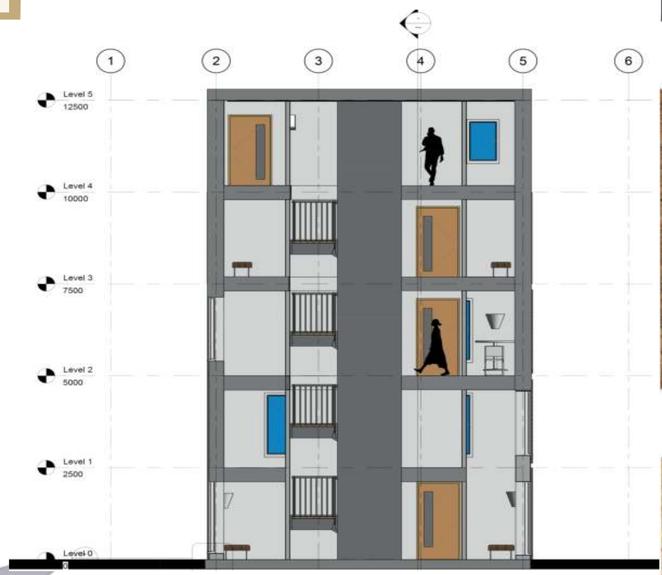



## East




## South


## Section 1

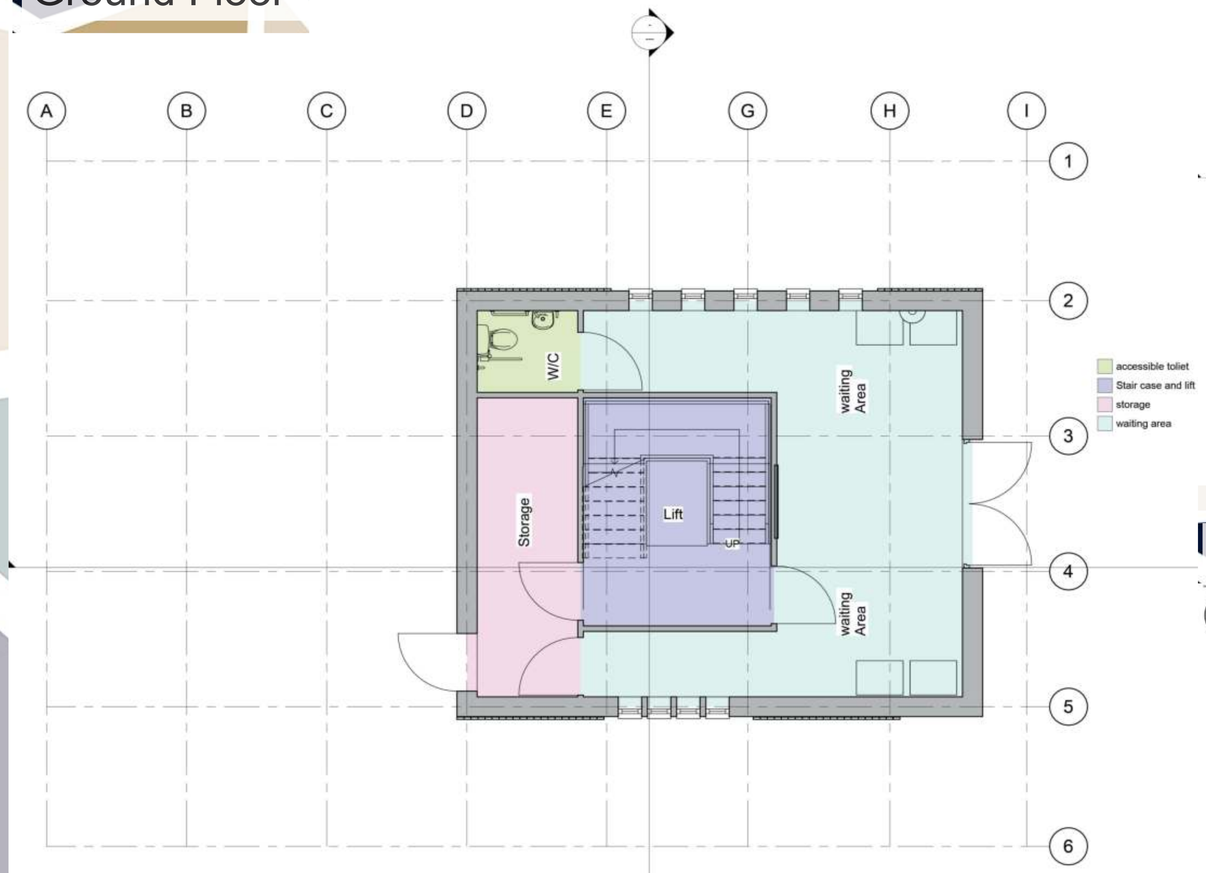



## Section 2

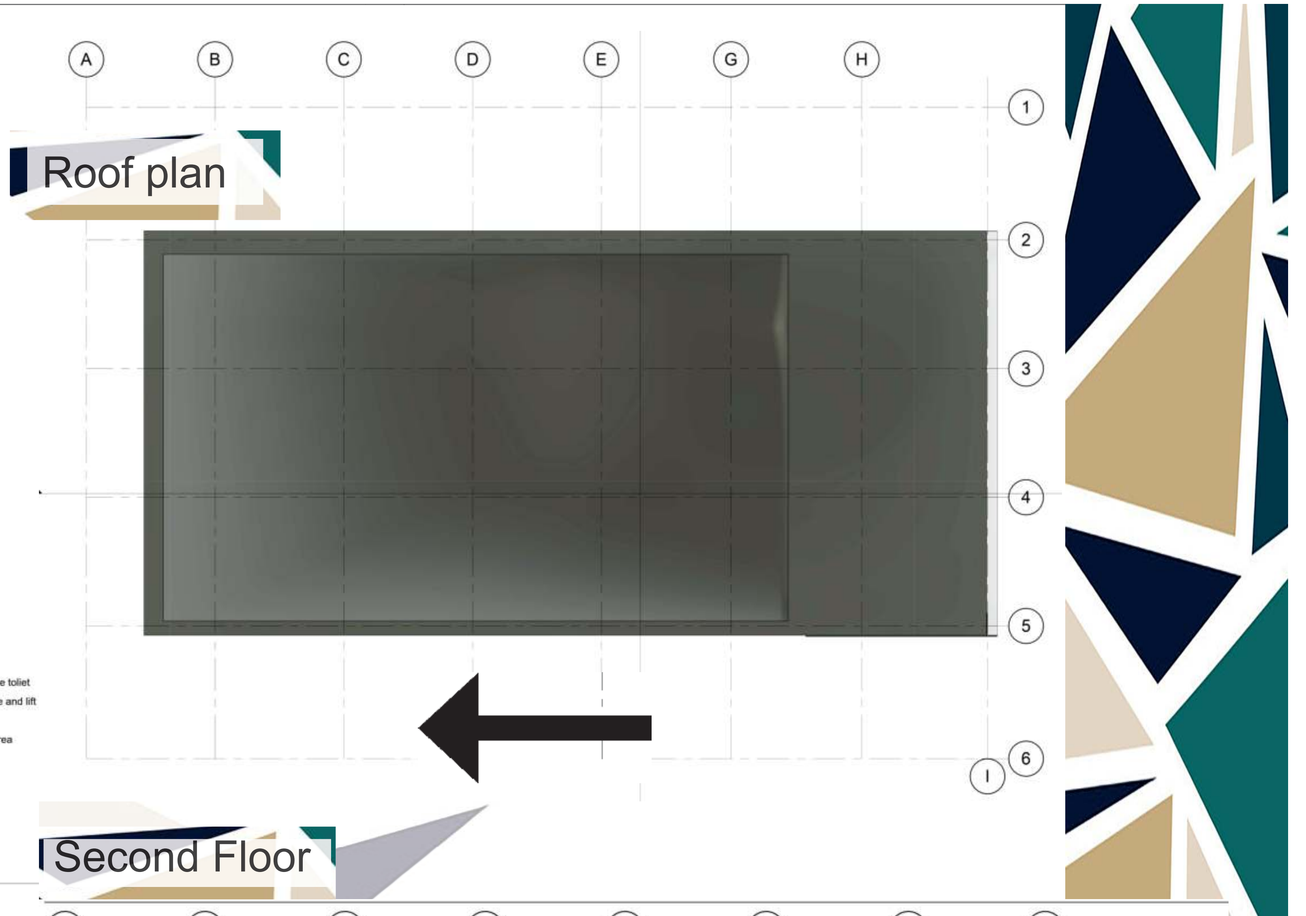

# Floor and roof plans

Scale 1:50

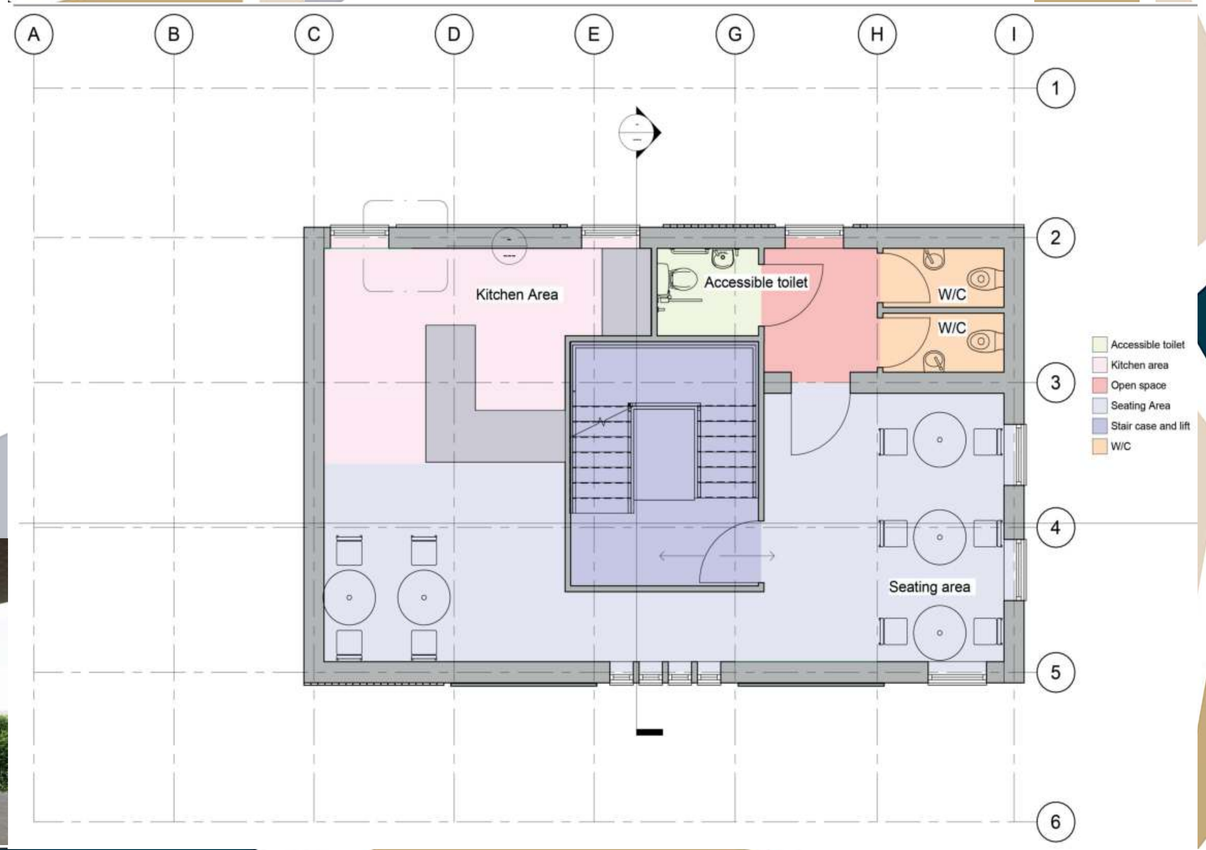
## Ground Floor




## Roof plan



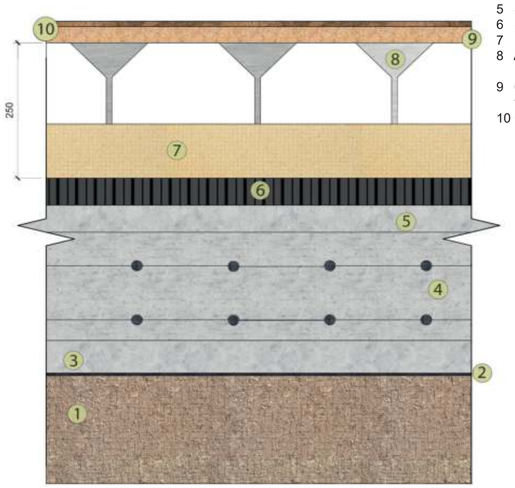

## Second Floor




## Internal visuals

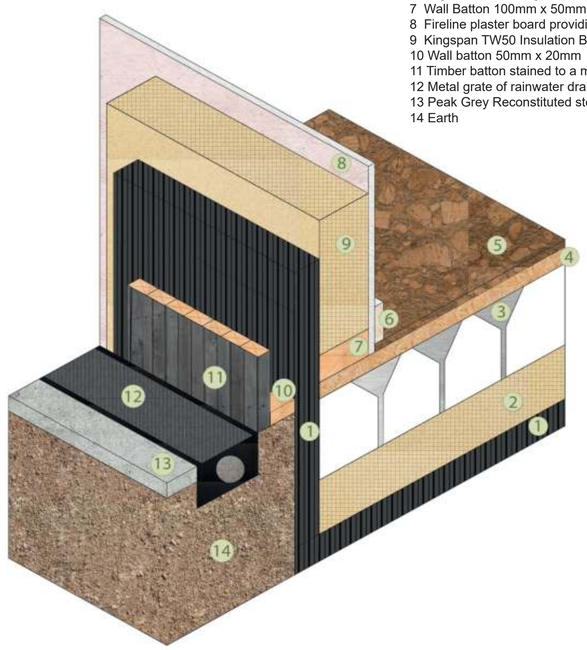
# Details: 4 2D and 2 3D

## Scale 1:5



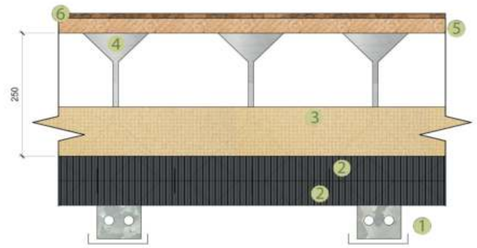

Foundation floor detail

1 Earth
2 Damp proof membrane
3 Screed 60mm
4 Reinforced concrete 200mm
5 Screed 50mm
6 Shipping container 50mm
7 Kingspan TW50 Insulation Board 100mm
8 Alpha V Steel Pedestals Coated with Environmentally Friendly Clear Assignation at 600 Acts
9 600 x 600 x 30mm Particle board with a steel top finish compliant with BS47 76-7 class 0.
10 Cork floor tiles glued with water based adhesive 10mm



Threashold 3D detail

1 Shipping container 50mm
2 Kingspan TW50 Insulation Board 100mm
3 Alpha V Steel Pedostals Coated with Enviromentally Friendly Clear Passivation at 600 ctss
4 600 x 600 x 30mm Particle board with a steel top finish compliant with BS47 76-7 class 0.
5 Cork floor tiles glued with water based adhesive 10mm
6 Angled MDF skirting board 18mm x 69mm x 3050mm
7 Wall Batton 100mm x 50mm
8 Fireline plaster board providing 30 minute fire resistance 12.5mm
9 Kingspan TW50 Insulation Board 100mm
10 Wall batton 50mm x 20mm
11 Timber batton stained to a mossy grey 38mm x 25mm
12 Metal grate of rainwater drainage system 78mm x 124 mm
13 Peak Grey Reconstituted stone Paving slab 400mm x 400mm x 28mm
14 Earth

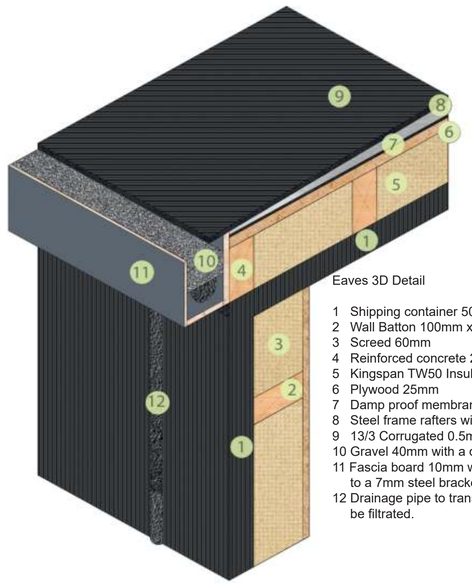



Indermediate floor detail with exposed services detail

1 25 x 225 Galvanised Steel Service Tray Fixed to u/s of The Floor.
2 Shipping container Bloted with R50.
3 Kingspan TW50 Insulation Board 100mm.
4 Alpha V Steel Pedostals Coated with Enviromentally Friendly Clear Passivation at 600 ctss.
5 600 x 600 x 30mm Particle board with a steel top finish. ompliant with BS47 76-7 class 0.
6 Cork floor tiles glued with water based adhesive 10mm

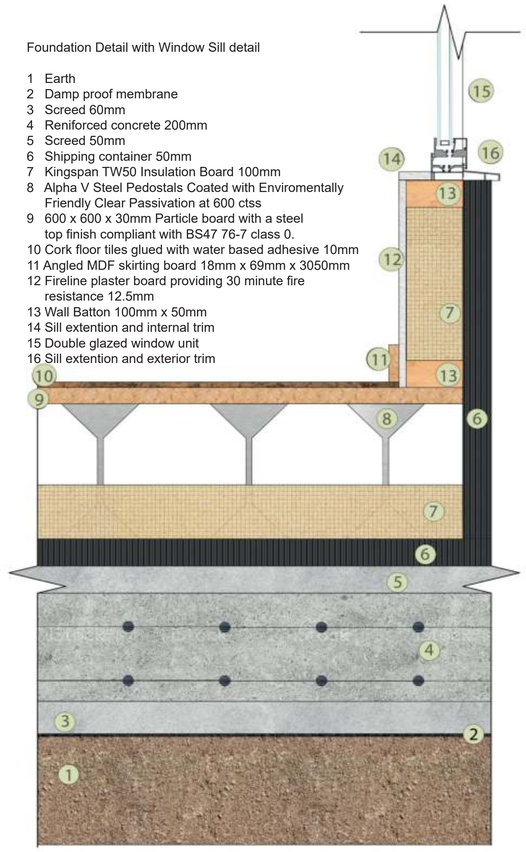
Window detail plan view

1 Shipping container 50mm
2 Kingspan TW50 Insulation Board 100mm
3 Fireline plaster board providing 30 minute fire resistance 12.5mm
4 Wall Batton 100mm x 50mm
5 Window unit casement
6 Double glazed window unit



Eaves 3D Detail

1 Shipping container 50mm
2 Wall Batton 100mm x 50mm
3 Screed 60mm
4 Reinforced concrete 200mm
5 Kingspan TW50 Insulation Board 100mm
6 Plywood 25mm
7 Damp proof membrane
8 Steel frame rafters with a pitch of 6 degrees
9 13/3 Corrugated 0.5mm Galvanised Roof Sheet
10 Gravel 40mm with a drainage channel 72mm x 74mm with grout
11 Fascia board 10mm with a overhang roof welded to a 7mm steel bracket
12 Drainage pipe to transport the rainwater to the harvesting system to be filtrated.



Foundation Detail with Window Sill detail

1 Earth
2 Damp proof membrane
3 Screed 60mm
4 Reniforced concrete 200mm
5 Screed 50mm
6 Shipping container 50mm
7 Kingspan TW50 Insulation Board 100mm
8 Alpha V Steel Pedostals Coated with Enviromentally Friendly Clear Passivation at 600 ctss
9 600 x 600 x 30mm Particle board with a steel top finish compliant with BS47 76-7 class 0.
10 Cork floor tiles glued with water based adhesive 10mm
11 Angled MDF skirting board 18mm x 69mm x 3050mm
12 Fireline plaster board providing 30 minute fire resistance 12.5mm
13 Wall Batton 100mm x 50mm
14 Sill extention and internal trim
15 Double glazed window unit
16 Sill extention and exterior trim