



SECTION S52
SCALE 1:100



SECTION S51
SCALE 1:100

ROOF:
Painted 0.6mm KLIP-LOK 406 or similar approved roof sheeting laid to fall at 3° roof sheeting on 127x63x2mm Lipped channel Purlins at 900mm max centre spacing on steel joists at max 1100mm centre spacing. Steel joist members on Glue-laminated Timber (GLT) beams

Gutter Galvanised 100x140x0.4mm

135mm Isotherm roof Insulation

S.A. Pine T&G Ceiling (Vacsol Azure Treated) 13x102mm

Balcony
Corobrik Silvergrey Satin FBX

Office
Exposed CLT panel

Downpipe Round Galvanised Crimped Shoe 100x0.4mm

Tensile Cables Stainless Steel Trellis systems

Planter box 830x880

Concrete topping with reinforcement, finished with slip-resistant tiles for enhanced safety and durability

Detail 2

600x400mm Glulam/ Glue-laminated Timber (GLT) beam

Workshop
Exposed CLT panel

Brick veneer (Cavity wall)

Painted 0.6mm KLIP-LOK 406 sheeting fixed to a 100x80x4mm rectangular steel tube frame, providing durable and lightweight protection against weather elements

Detail 4

Workshop
Exposed CLT panel

350mm thick Cross Laminated Timber CLT slab

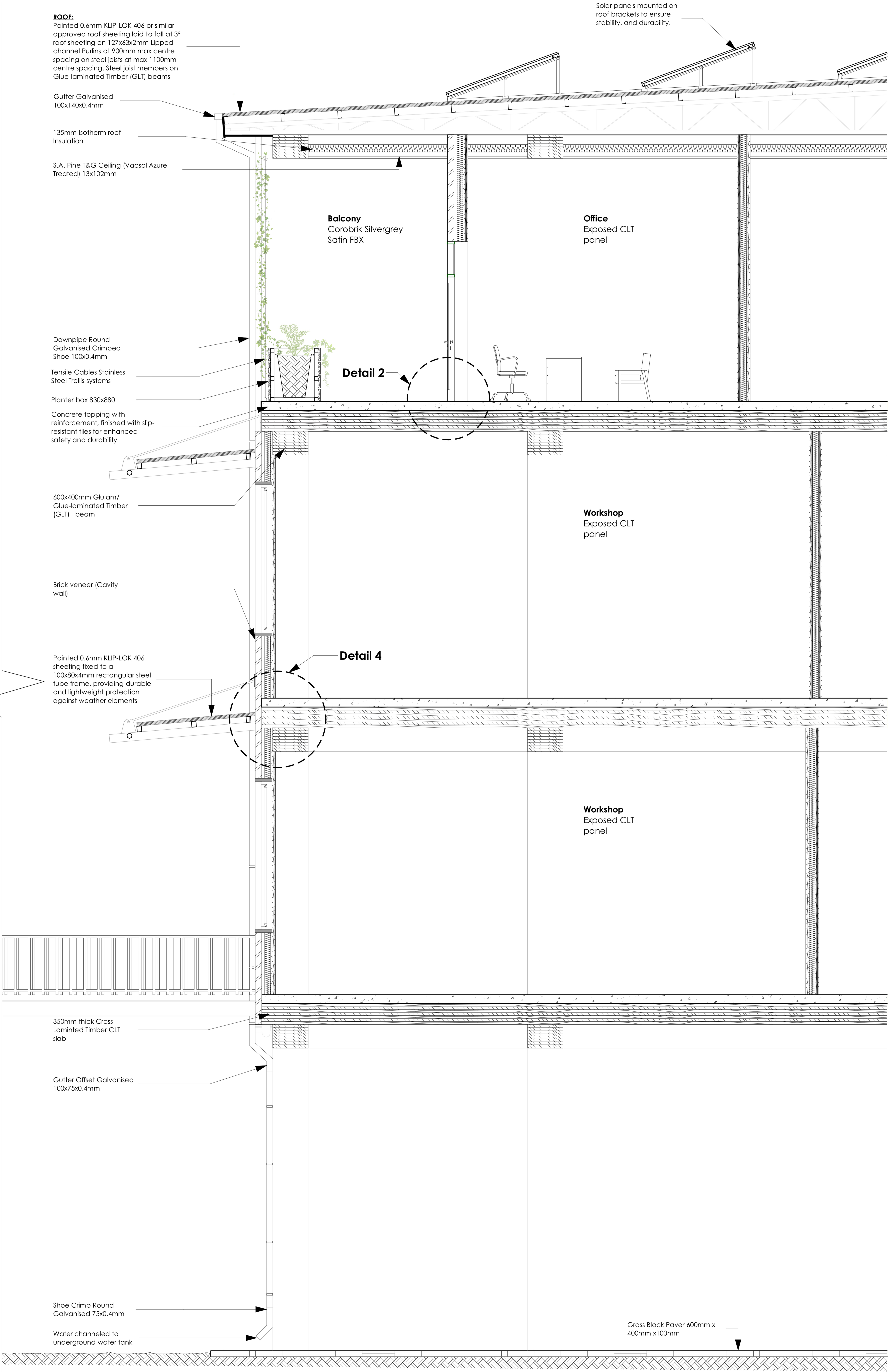
Gutter Offset Galvanised 100x75x0.4mm

Shoe Crimp Round Galvanised 75x0.4mm

Water channeled to underground water tank

Grass Block Paver 600mm x 400mm x100mm

Solar panels mounted on roof brackets to ensure stability, and durability.





Detail 1

Hip ridge skylight

Rotating aluminium louvers to allow natural ventilation

3°

Circulation

Circulation

Fire exit

Detail 3

Circulation

Circulation

Fire exit

Circulation

Circulation

Fire exit

Detail 5

220mm concrete wall with crystalline waterproofing additives

110mm Corobrik Namib Red Travertine FBS

NGL

Gravel

Concrete stepping stones

1x150mm thick layer compacted

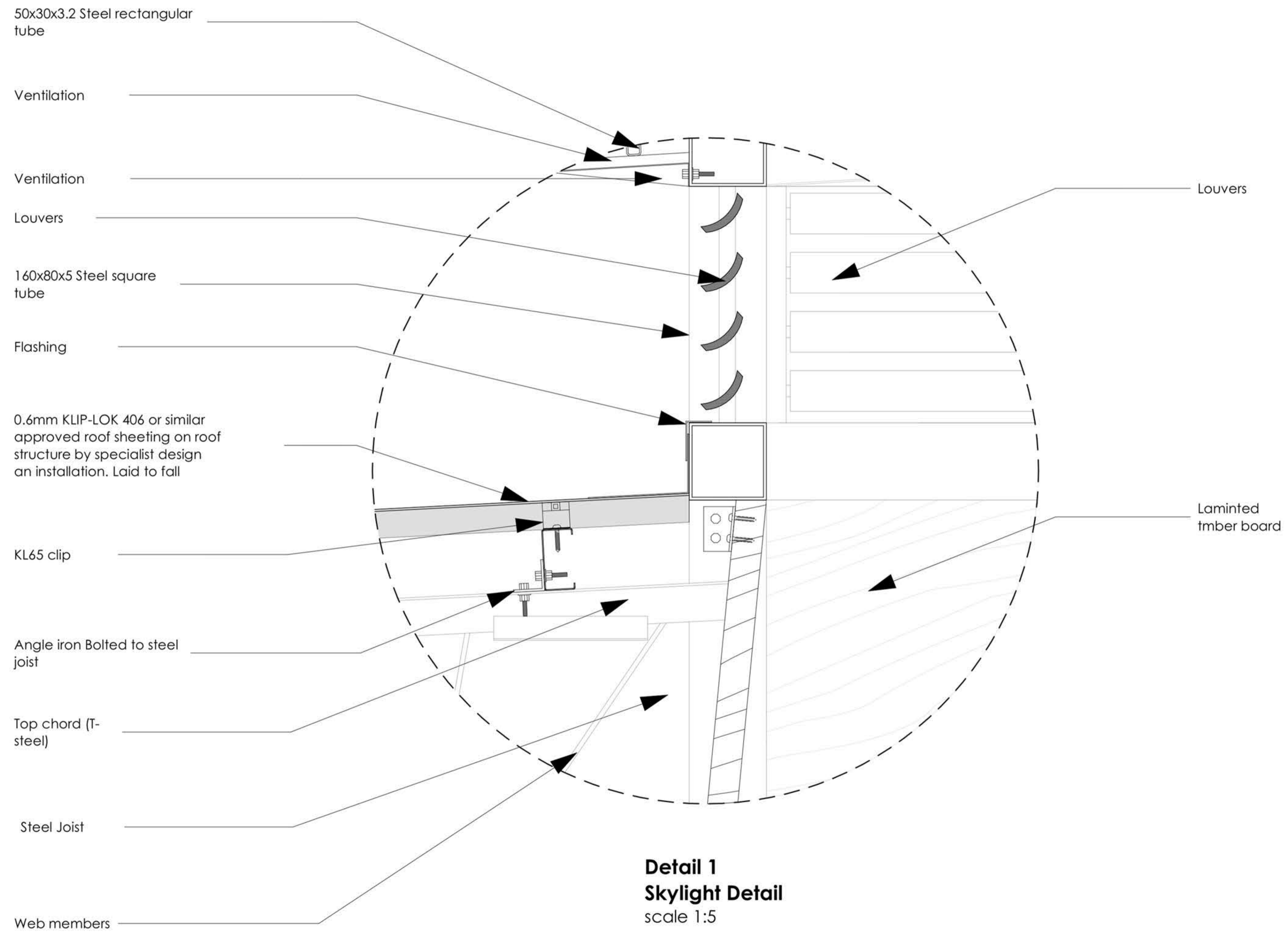
F.F.L min 170mm above ngl

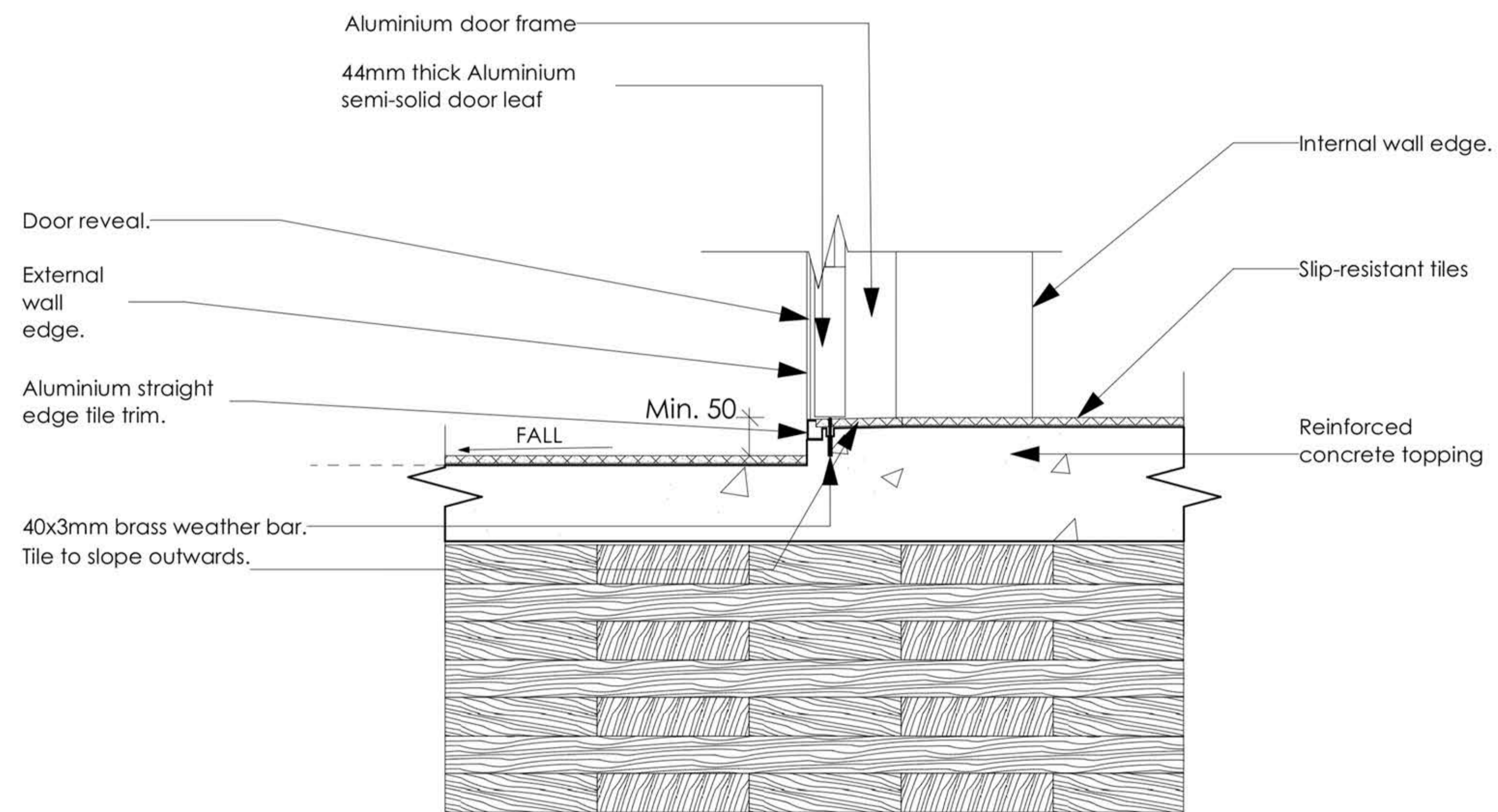
750 x 250mm mass concrete strip foundation min. 300mm below NGL

7x150mm thick layers compacted to 95% ModAASHTO

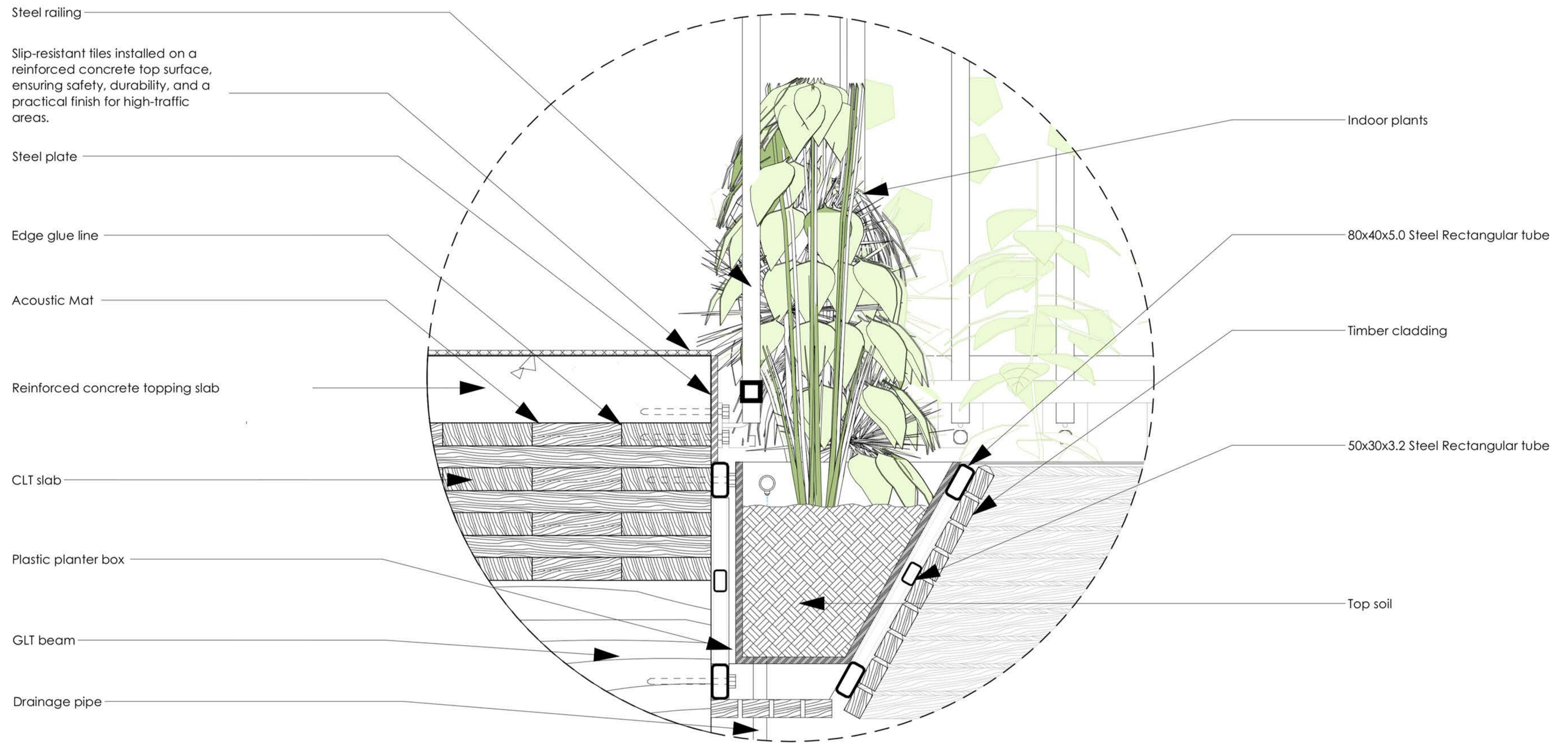
1x150mm thick layer compacted
750 x 250mm mass concrete strip foundation min. 300mm below NGL

7x150mm thick layers compacted to 95% ModAASHTO

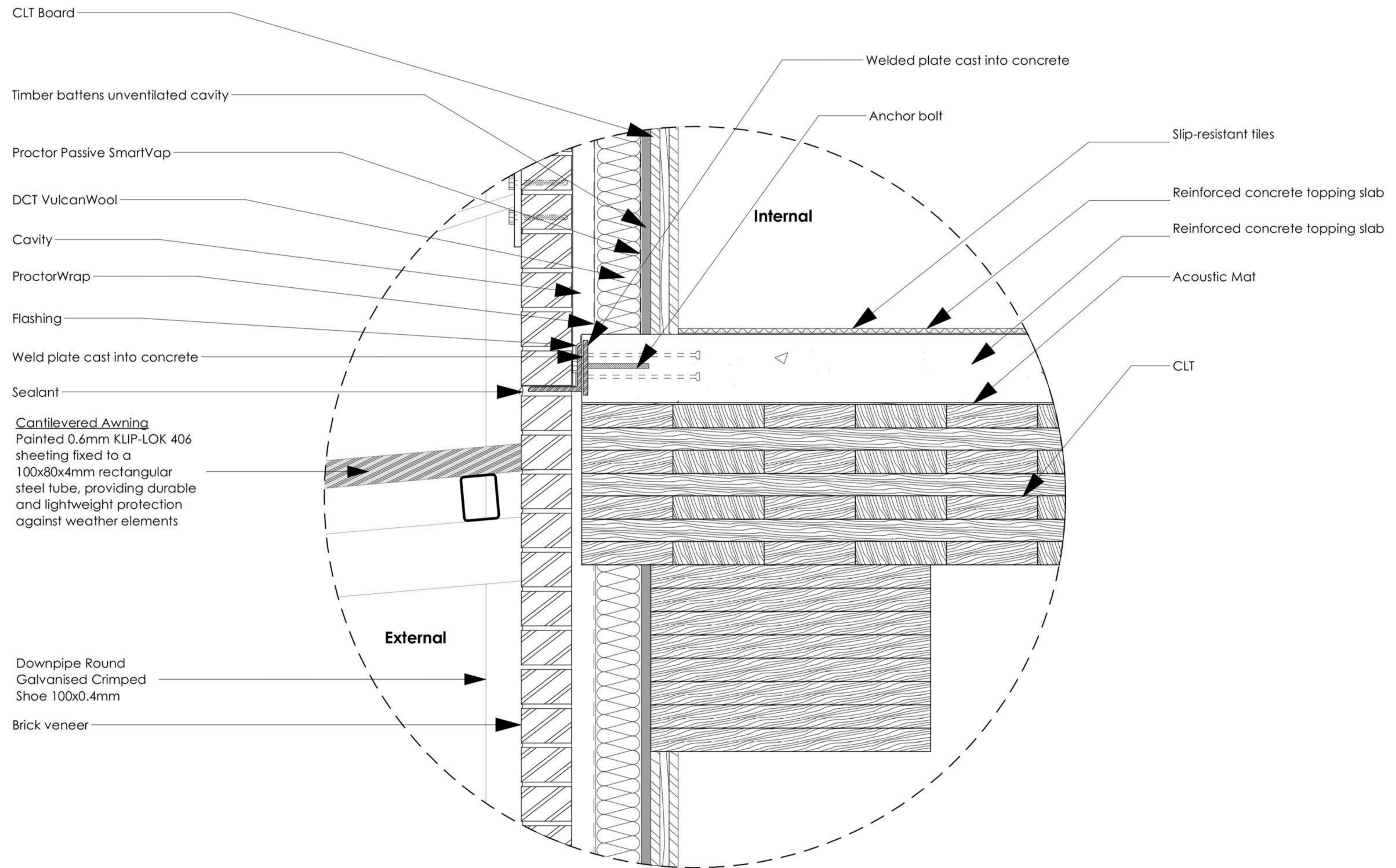




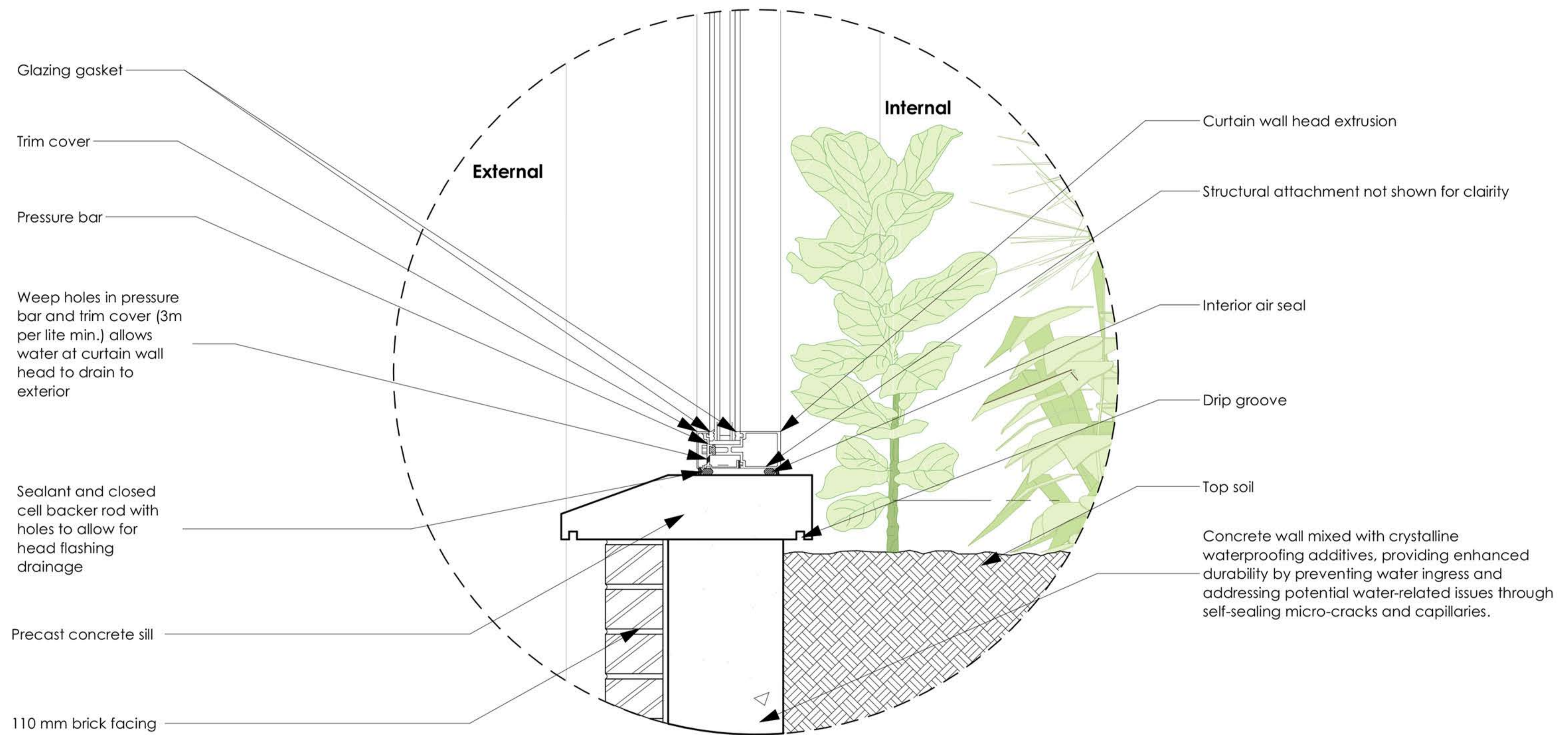
Detail 2
Door Threshold Detail
 scale 1:5



Detail 3
Planter Box Detail
 scale 1:5



Detail 4
Building Envelope Wall Detail
 scale 1:5



Detail 5
Curtain Wall Detail
 scale 1:5

RENDERS



RENDERS

