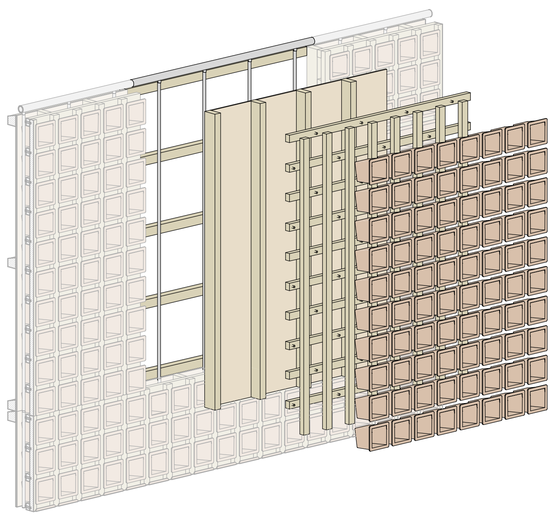
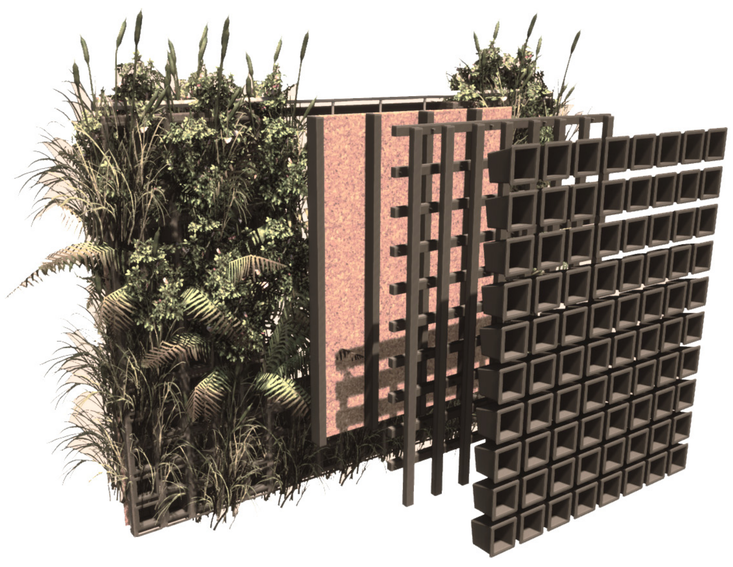
CHOSEN LIVING WALL
BIOBASED FRAMED MODULAR SYSTEM 1:5 SECTIONS | 1:10 EXPLODED VIEW





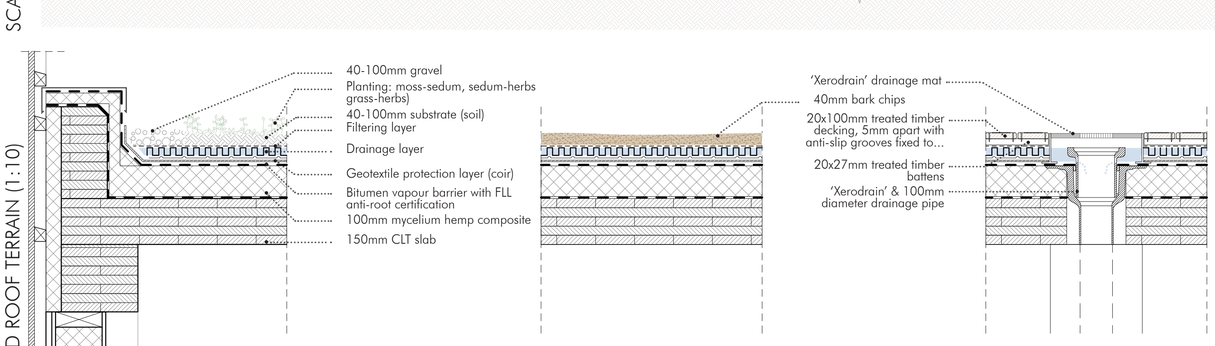
Spruce timber

Cork panels

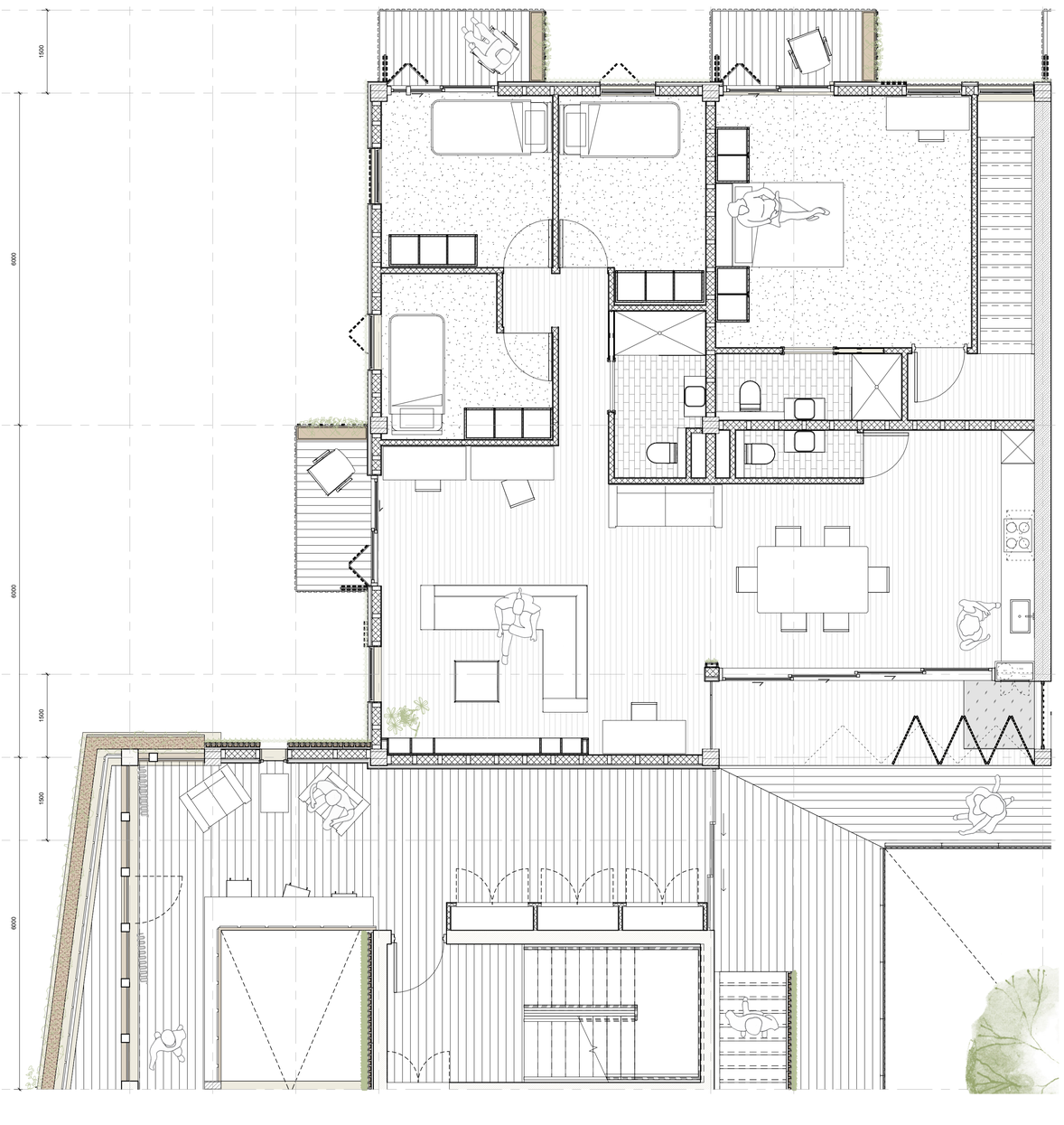
Coir pots

SECTIONAL PERSPECTIVE C-C
SCALE 1:50

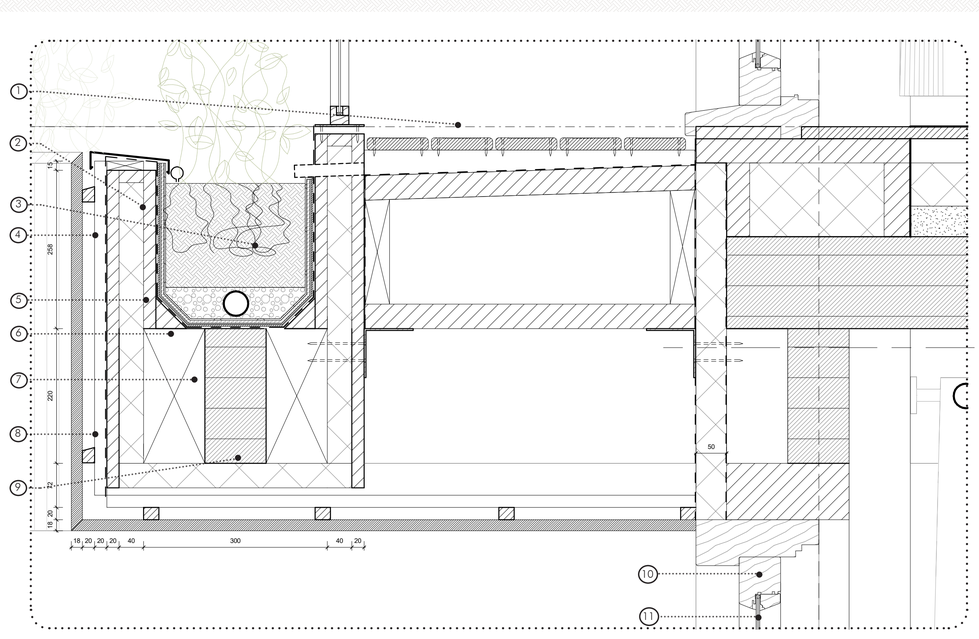
GREEN DETAILS
MIXED ROOF TERRAIN (1:10)



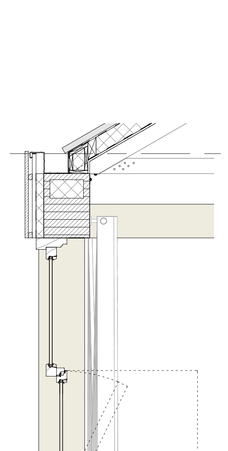
LEVEL 1 DETAIL PLAN
SCALE 1:50



GREEN DETAILS
WINTER GARDEN GREEN FACADE (1:20 & 1:5)



1. 20x100mm treated timber decking, 5mm apart with anti-slip grooves fixed to tapered timber battens
2. Varying climbing plants such as Dutchman's pipe, five-leaved ivy, campsis, clematis, kiwi, lonicera, vitis or wisteria. Planted when already +-1000mm high, grown from both planters below and above
3. Drip irrigation and moisture monitoring system by specialist using extruded bioplastics
4. 375micron damp proof membrane waterproofing layer and membrane protection
5. Root barrier, drainage layer, aeration layer and filter fabric
6. Growing medium
7. 40mm drainage pipe filtered and recirculated to water living walls and green facade
8. Treated larch timber end piece (box with insulation)
9. 100x220mm CLT beam
10. Oak NZEB-Frame (U = 1.0)
11. 6.3mm BENG glass (toughened vacuum insulating glass U = 0.4)



Stainless steel bolted connection of galvanised steel rod and wire system to CLT planter/beam

Typical floor makeup: 20mm finish (mycelium tiles from MOGU, re-purposed timber flooring from Platowood or natural sisal carpeting), 40mm gap for underfloor heating/cooling piping, 70mm mycelium-hemp composite insulation rigid panels, 50mm poured insitu screed for acoustic absorption on 150mm CLT cantilevering floor slab on 200x300mm glulam beams on 300x300 glulam columns