

18  
*final presentation*

[a]  
FINAL PLANS, SECTIONS & ELEVATIONS



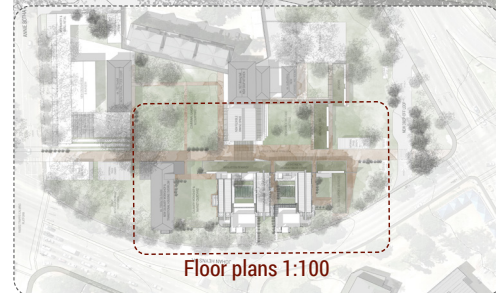
SITE PLAN 1:500

18.1. Final Site Plan at 1:500 scale on A1 portrait (Author 2021).





GROUND FLOOR PLAN 1:100



Floor plans 1:100

18.2. Key site plan indicating area of floor plans (Author 2021).

Final Ground Floor Plan at scale 1:100 on oversized A0 landscape (Author 2021).

18.3.





**APPROPRIATED GROUND FLOOR PLAN (nts)**

Appropriated Ground Floor Plan showing user appropriation and functions of spaces (not to scale) (Author 2021).

18.4.

Fig 18.6. Top, page 137: Final First Floor Plan at scale 1:100 on oversized A0 landscape (Author 2021).

Fig 18.7. Bottom, page 137: Final Second Floor Plan at scale 1:100 on oversized A0 landscape (Author 2021).



2.1 cores



2.2 admin & support service threshold



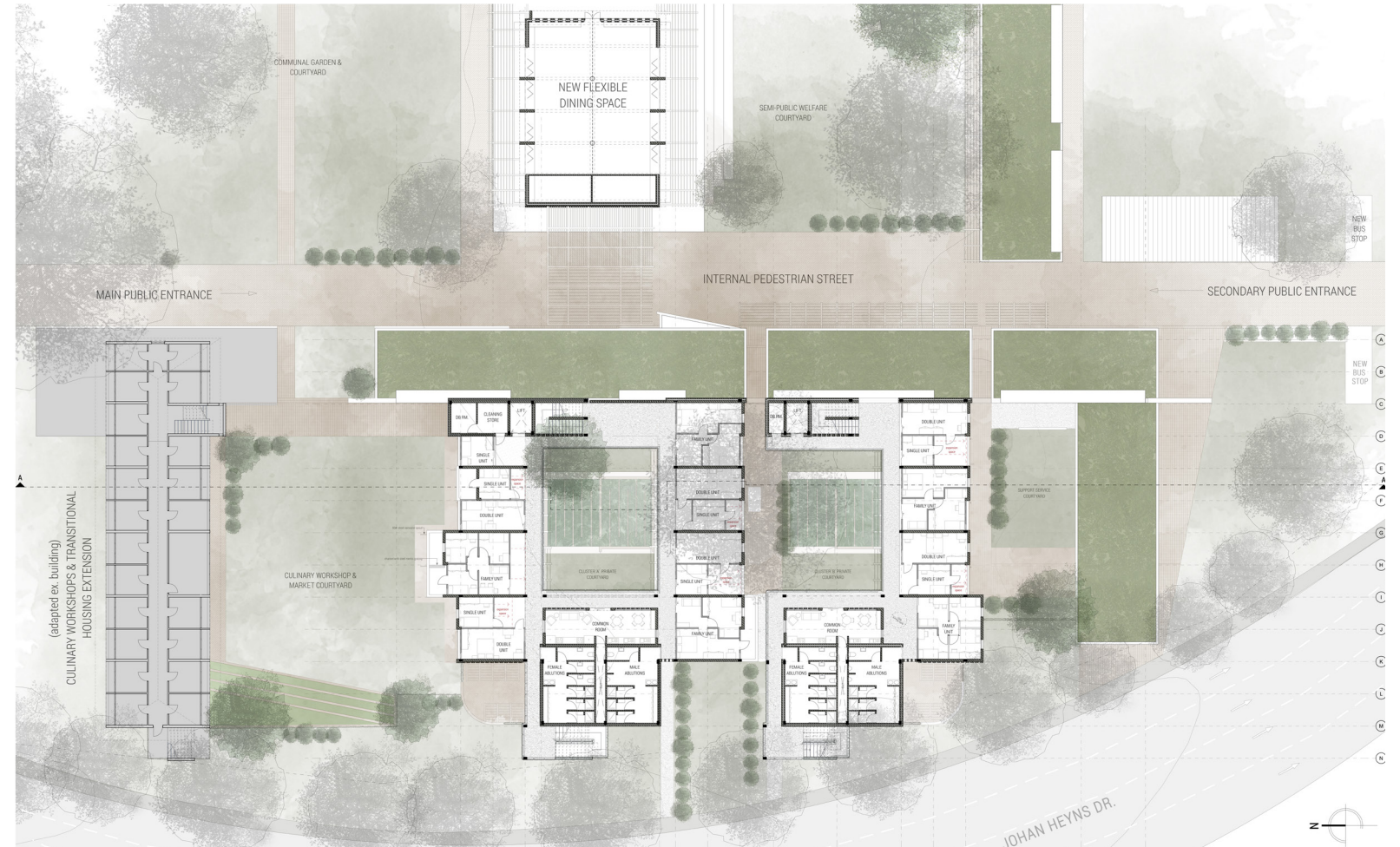
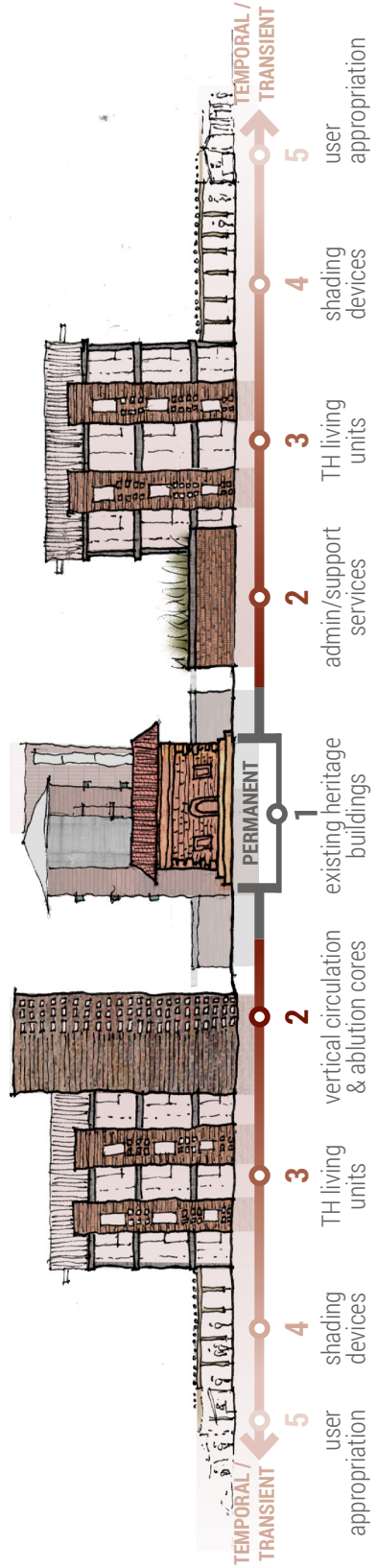
3 transitional housing living units



4 pergolas

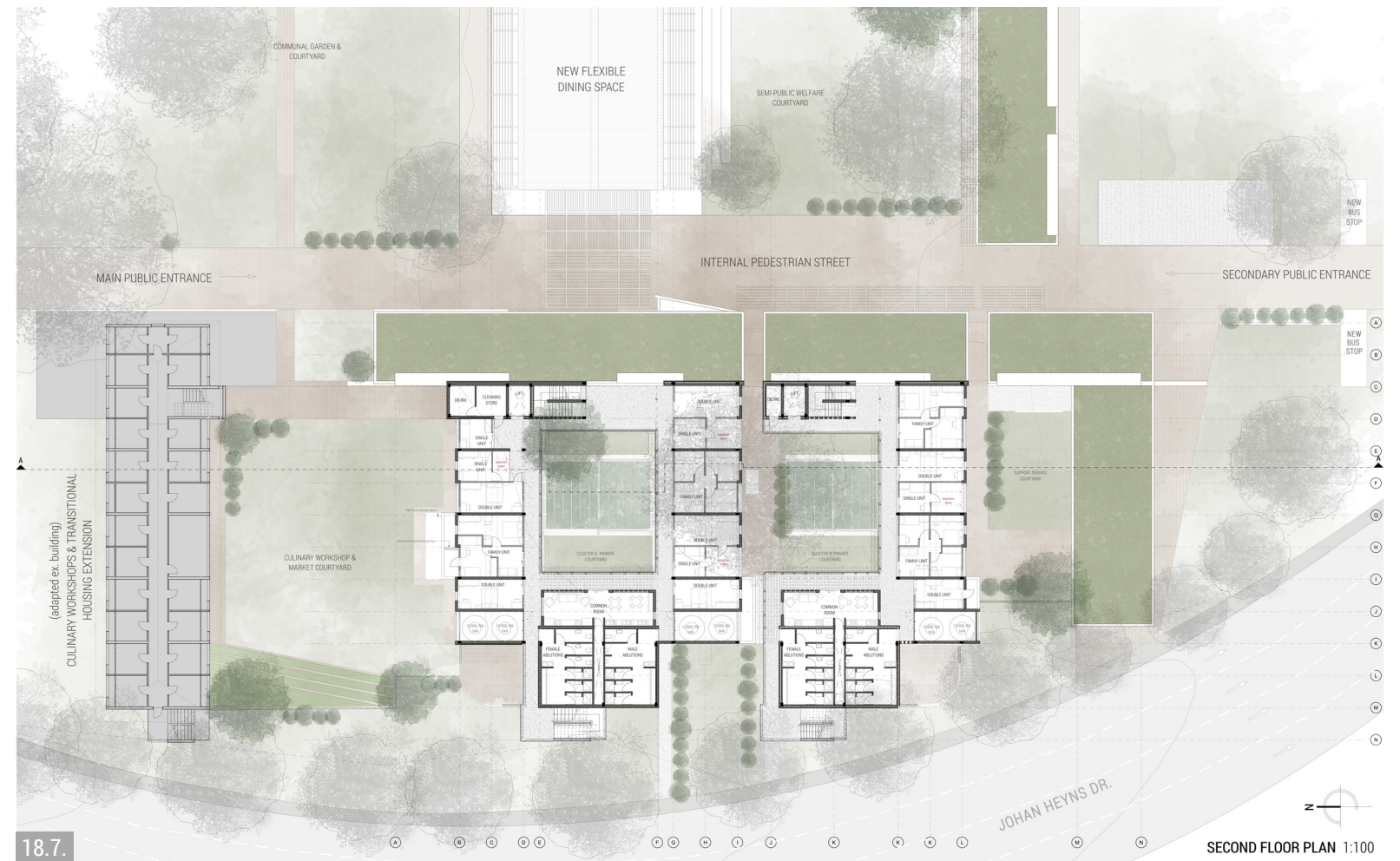


18.5. Various spaces and functions on the ground floor plan and their levels of permanence according to the Scale of Permanence (Author 2021).



18.6.

FIRST FLOOR PLAN 1:100



18.7.

SECOND FLOOR PLAN 1:100



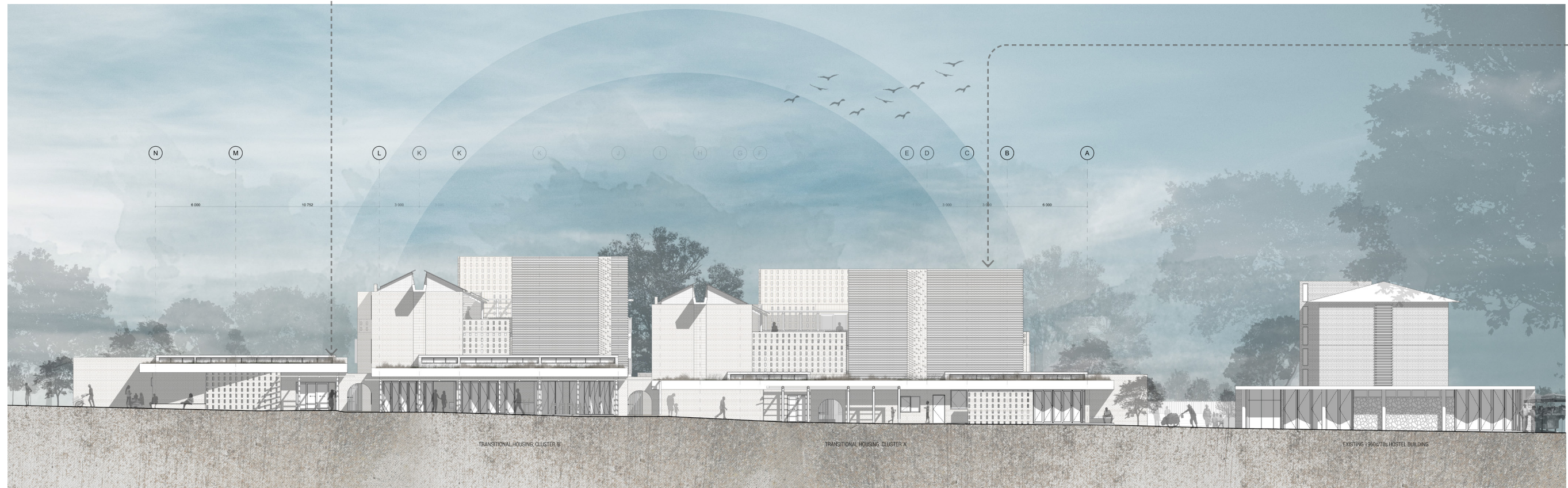


Final Section A-A at scale 1:100 on A0 landscape, indicating various spaces according to their levels of permanence (Author 2021).





NORTH ELEVATION 1:100



EAST ELEVATION 1:100





[b]  
TECHNICAL RESOLUTION

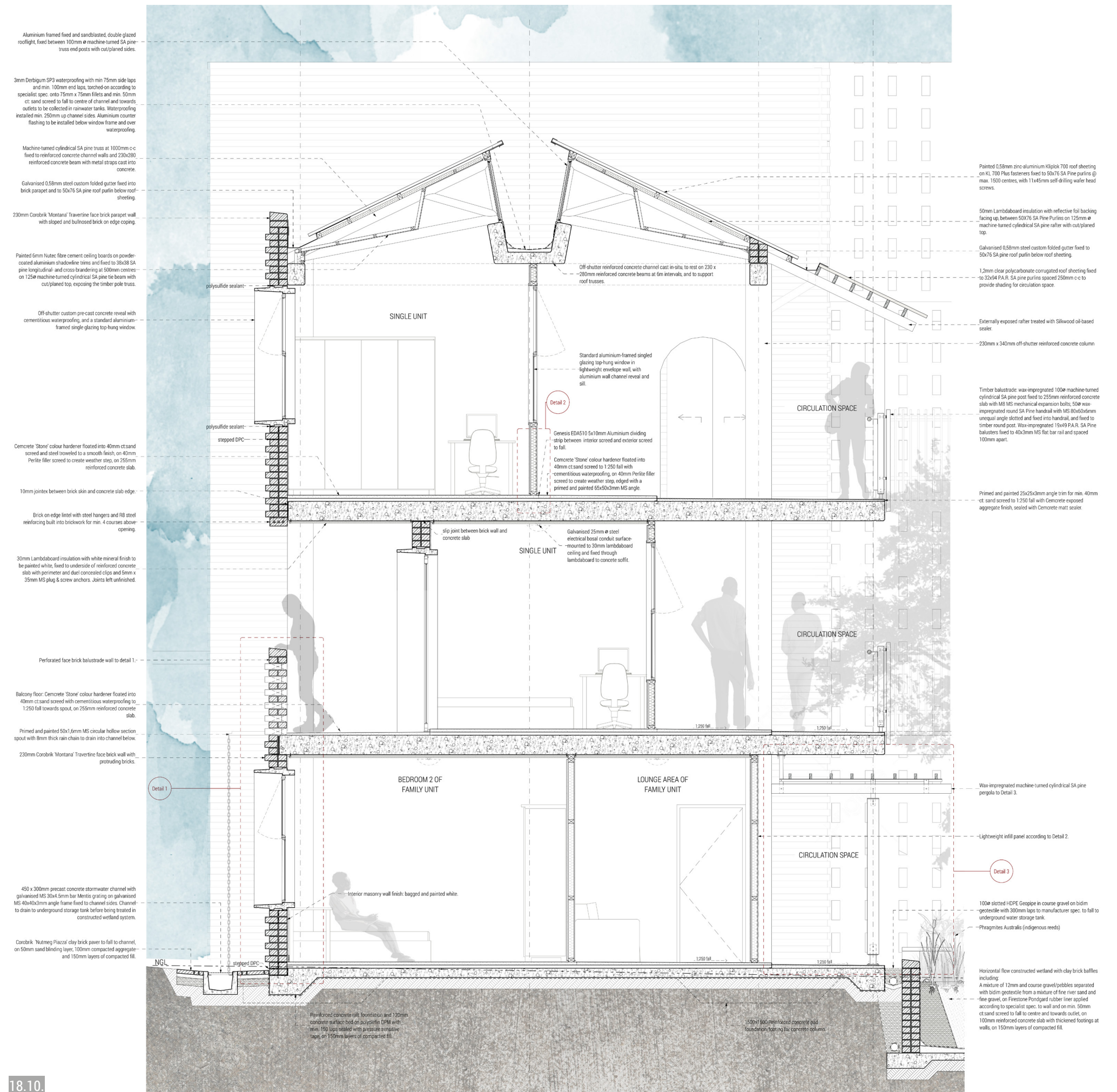
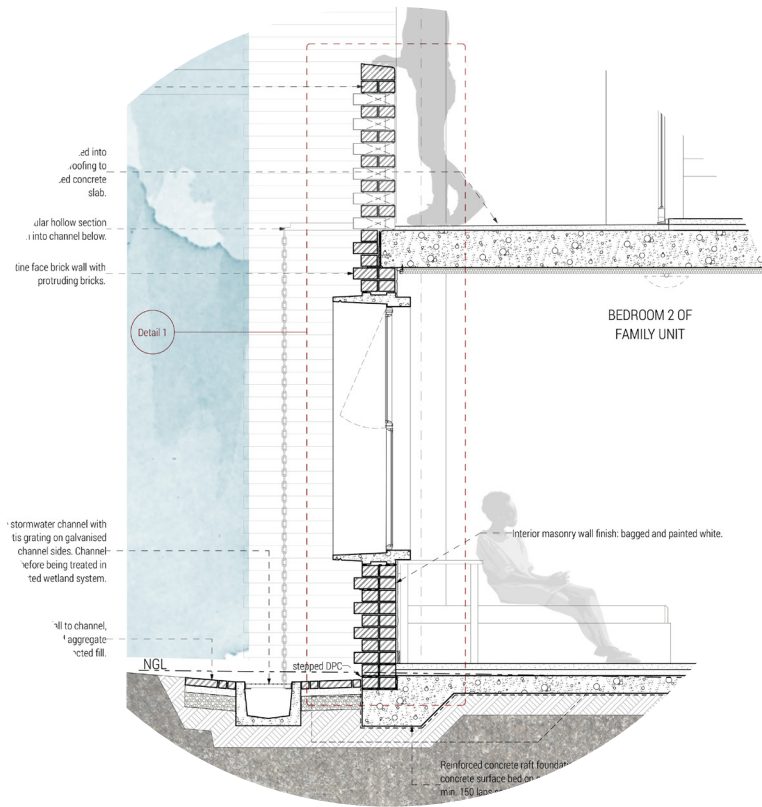


Fig. 18.10.: Detail section through the living units of the Cluster A transitional housing at scale 1:20 on A1 portrait (Author 2021).

18.10.





230mm Corobrik 'Montana' Travertine perforated face brick balustrade wall with sloped and bullnosed brick on edge coping.

Balcony floor: Cemcrete 'Stone' colour hardener floated into min. 40mm ct:sand screed with cementitious waterproofing to min. 1:250 fall towards spout, on 255mm reinforced concrete slab.

30mm Lambdaboard insulation with white mineral finish to be painted white, fixed to underside of reinforced concrete slab with perimeter and dual concealed clips and galvanised 5x35mm MS plug & screw anchors. Perimeter finished with standard powder-coated 20x20x20x1,6mm aluminium shadow line trim fixed to wall. Joints left unfinished.

10mm jointex between brick skin and concrete slab edge.

Bricks supported on primed and painted 90x150x10mm MS unequal angle with non-shrink grout between brick and steel. MS angle bolted to 255mm reinforced concrete slab with galvanised MS M12 mechanical expansion bolts.

polysulfide sealant

Off-shutter custom pre-cast concrete reveal with cementitious waterproofing, and a standard aluminium-framed single glazing top-hung window.

polysulfide sealant

Corobrik 'Montana' Travertine face brick panel with cut 165x106x75mm protruding bricks and flemish bond below opening.

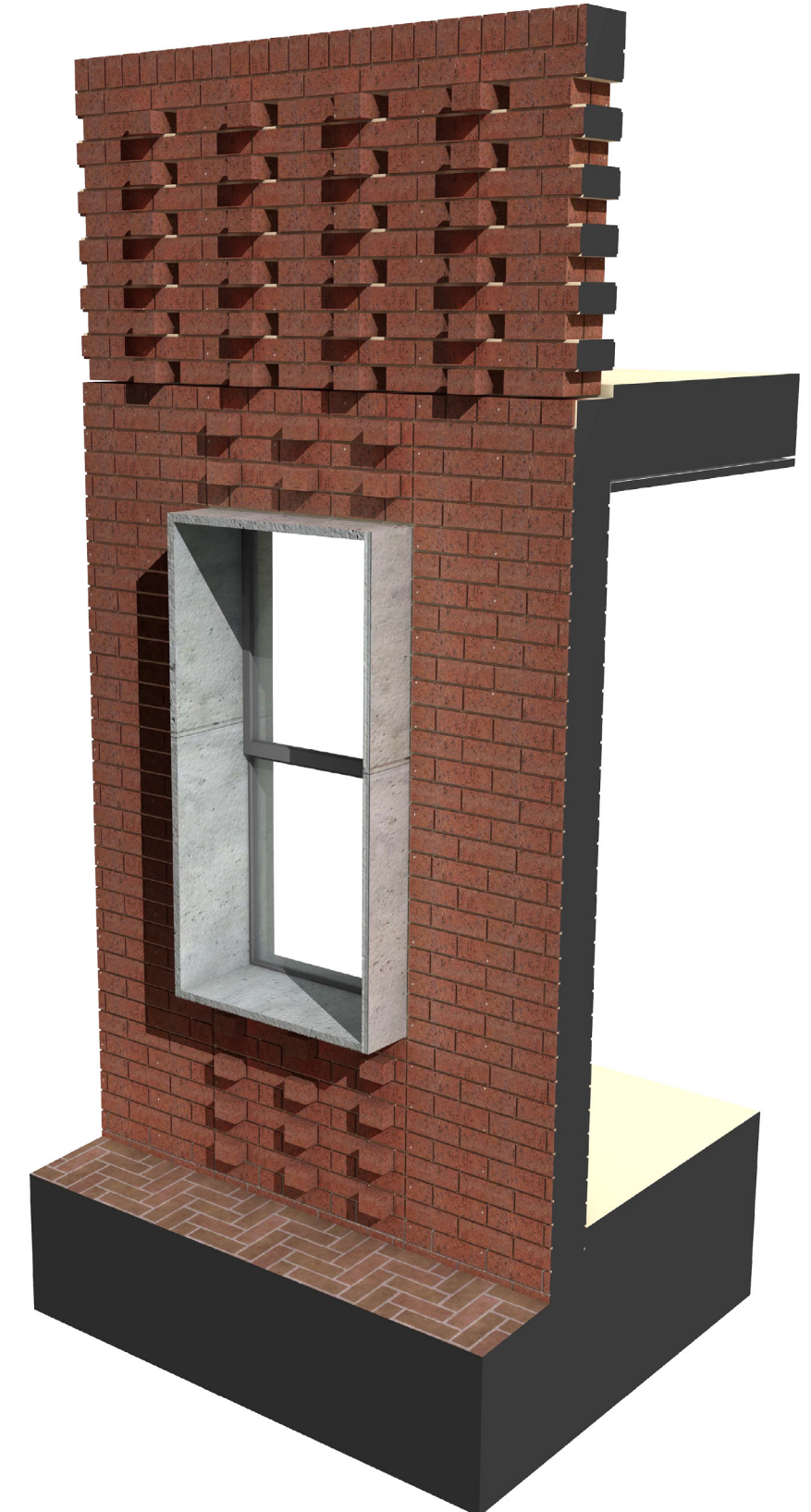
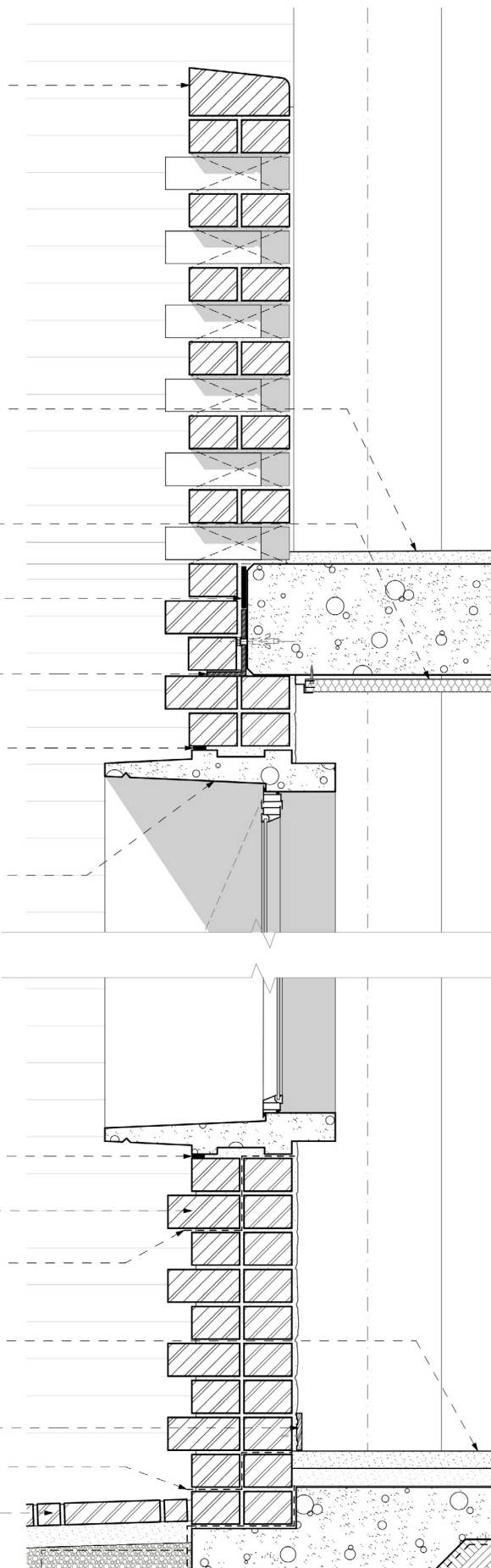
stepped DPC

Cemcrete 'Stone' colour hardener floated into 40mm ct:sand screed and steel troweled to a smooth finish, on 40mm Perlite filler screed to create weather step, on 120mm reinforced concrete surface bed and raft foundation.

Clear matt varnished 12x85mm P.A.R. Meranti skirting nailed to rough bagged and painted brick wall.

stepped DPC

Corobrik 'Nutmeg Piazza' clay brick paver to fall to channel, on 50mm sand blinding layer, 100mm compacted aggregate and 150mm layers of compacted fill.



2 brick infill patterned & perforated walls



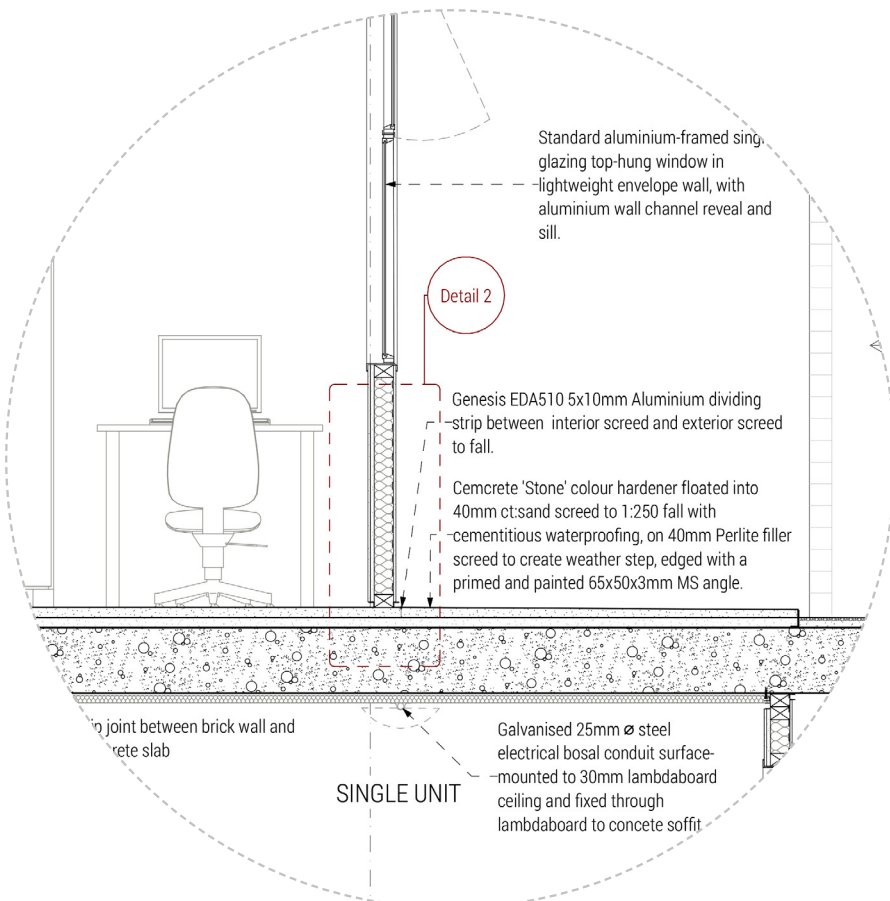
18.11. Cluster A key plan showing brick materiality of level 2 on the SOP (Author 2021).

18.12. Detail 1: Brick facade and window detail at scale 1:10 when printed to full scale (not to scale here) (Author 2021).

18.13. Detail 1 3D (not to scale) (Author 2021).



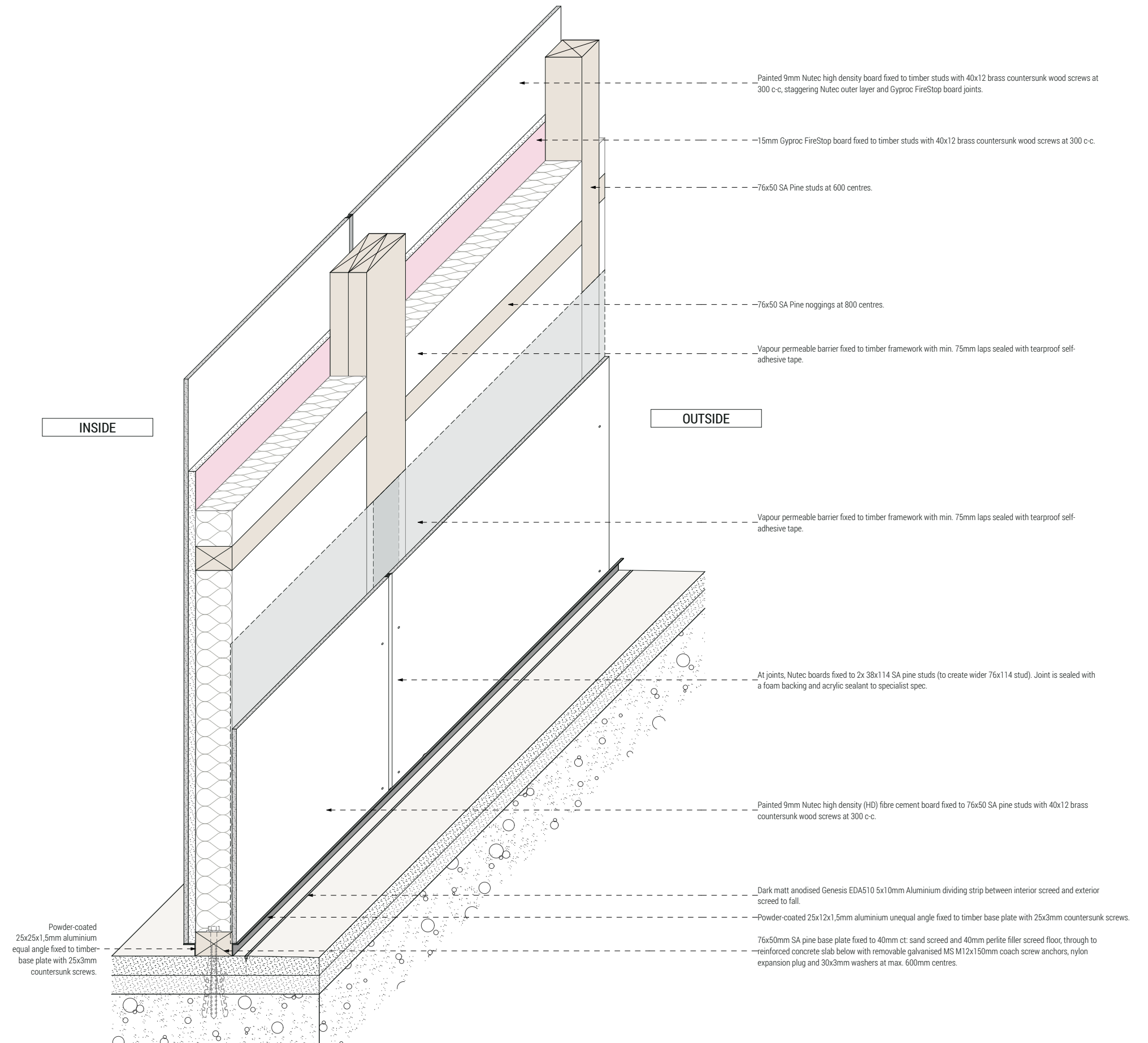
Detail 2: Lightweight infill panel (nts)



3 lightweight infill & partition walls



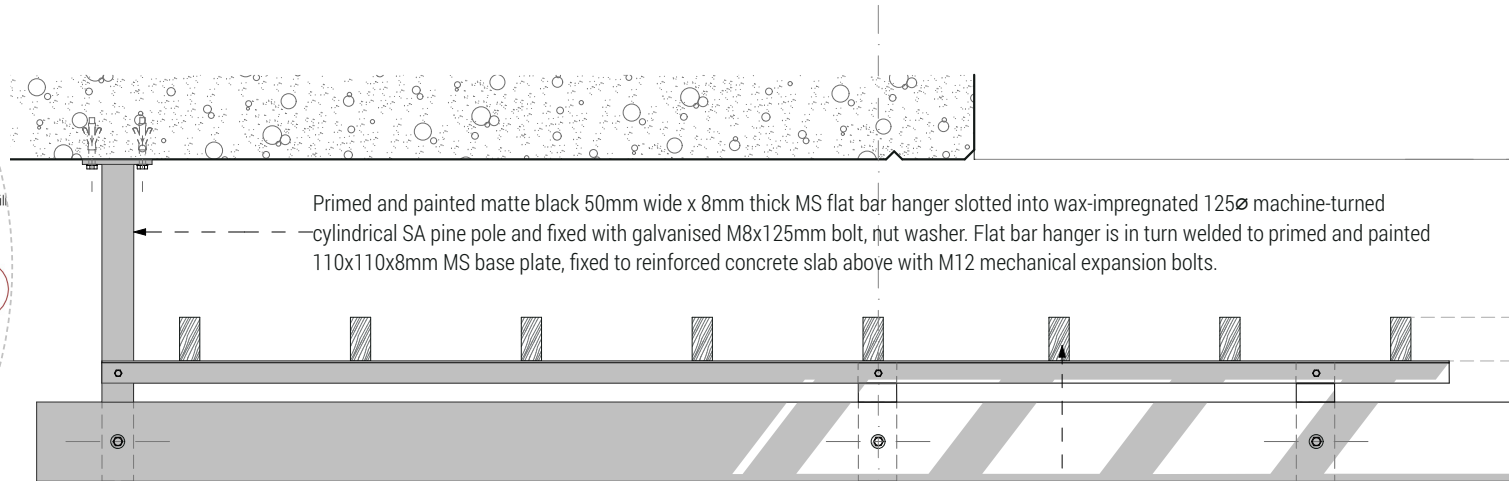
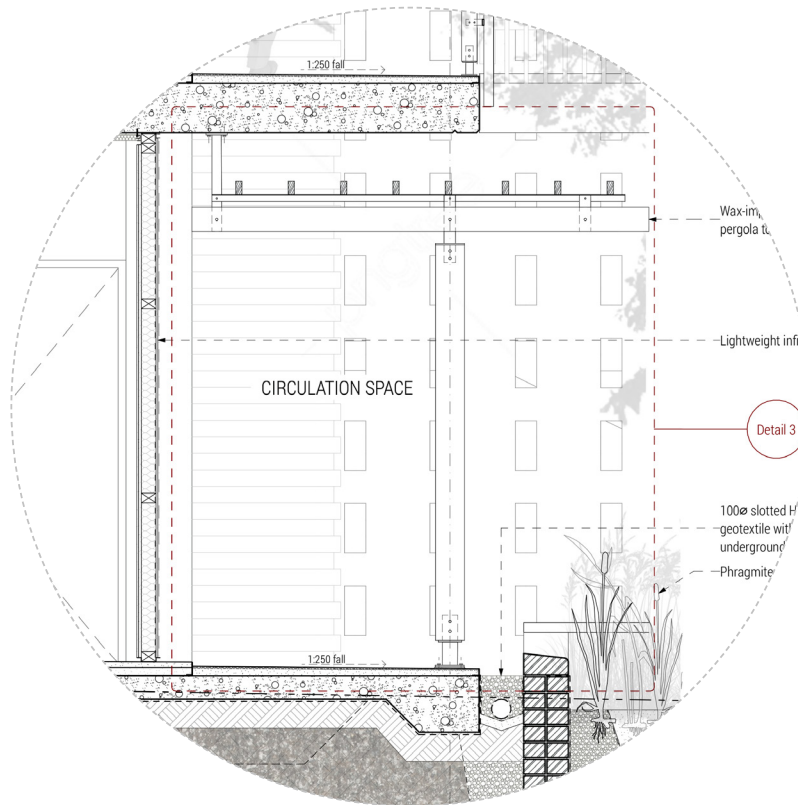
18.14. Cluster A key plan showing lightweight infill panels and partitions of level 3 on the SOP (Author 2021).



18.15. Detail 2: Lightweight infill panel detail at scale 1:5 when printed to full scale (not to scale here) (Author 2021).

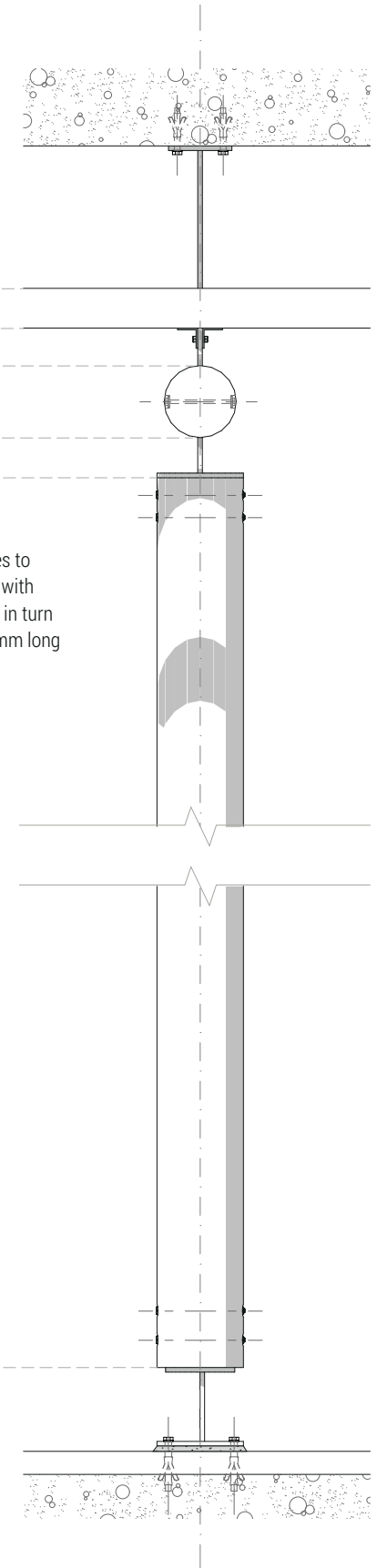


Detail 3: Timber pergola (nts)



Primed and painted matte black 60(w)x350(h)x8(t) MS flat bar support slotted into wax-impregnated 125Ø machine-turned cylindrical SA pine beam above, welded to primed and painted 150Ø x 8mm MS base plate, slotted into wax-impregnated 150Ø machine-turned cylindrical SA pine post/column below, and fixed in place with galvanised M8 x150mm long MS bolts, washers and nuts.

Wax-impregnated 32x69 P.A.R. SA pine battens fixed at 270 centres to primed and matte black painted 2 x 35x35x3mm MS equal angles with 6mm galvanised steel countersunk wood screws. Steel angles are in turn fixed to MS flat bar hanger and supports with galvanised M6 x 20mm long MS bolts and nuts.



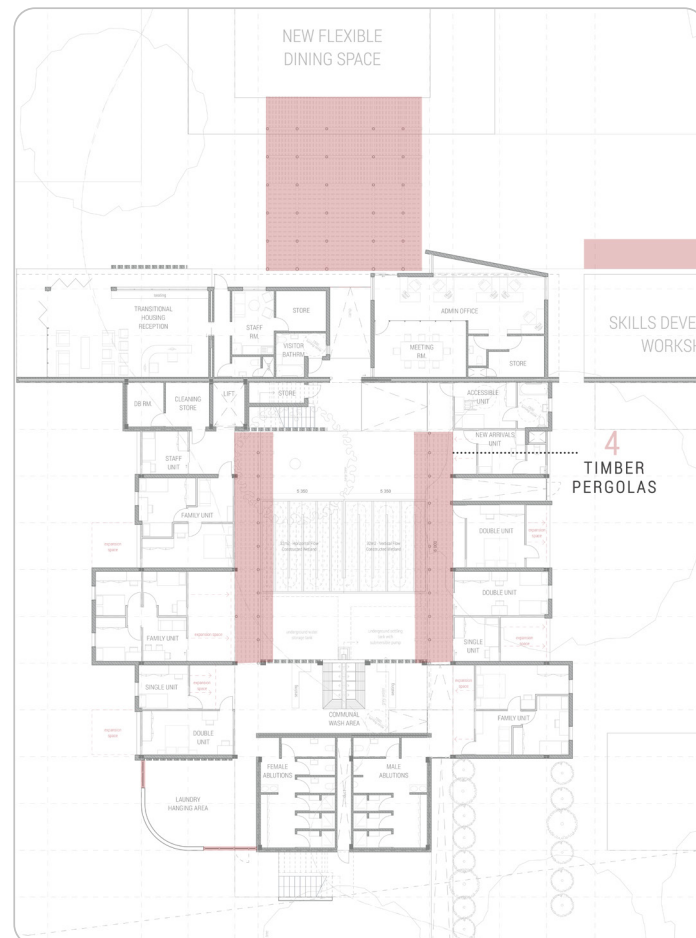
Wax-impregnated 150Ø machine-turned cylindrical SA pine post/column fixed to primed and painted matte black MS flanged raised support with galvanised M8 x150mm long MS bolts, washers and nuts.

Primed and painted MS flanged raised support with 80x8mm MS flat bar slotted into timber post, welded to 120Ø x 8mm MS raised plate and to 150x150x8mm MS base plate on 10mm chamfered non-shrink grout layer and min. 30mm ct:sand screed to fall with Cemcrete exposed aggregate finish, and fixed to reinforced concrete slab with galvanised M12 MS mechanical expansion bolts. Underside of steel base plate to receive a layer of Bituminous paint,

SIDE ELEVATION

FRONT ELEVATION

4 timber pergolas



18.16. Cluster A key plan showing timber pergolas of level 4 on the SOP (Author 2021).

18.17. Detail 3: Timber pergola detail at scale 1:10 when printed to full scale (not to scale here) (Author 2021).

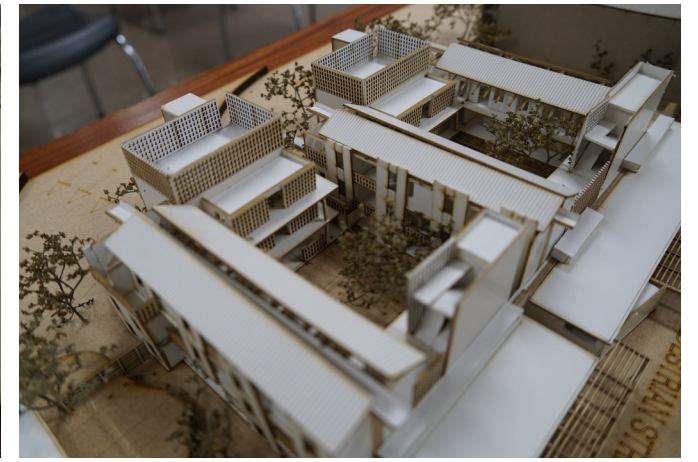




18.18. Detail 3 3D (not to scale) (Author 2021).



[c]  
FINAL MODEL & PIN-UP PHOTOS



Compilation of photographs of final model (Author 2021). 18.19.





Compilation of photographs of final model and pin-up presentation (Author 2021). 18.20.