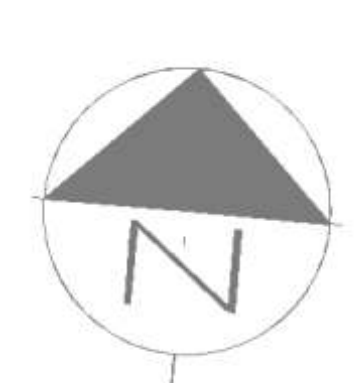
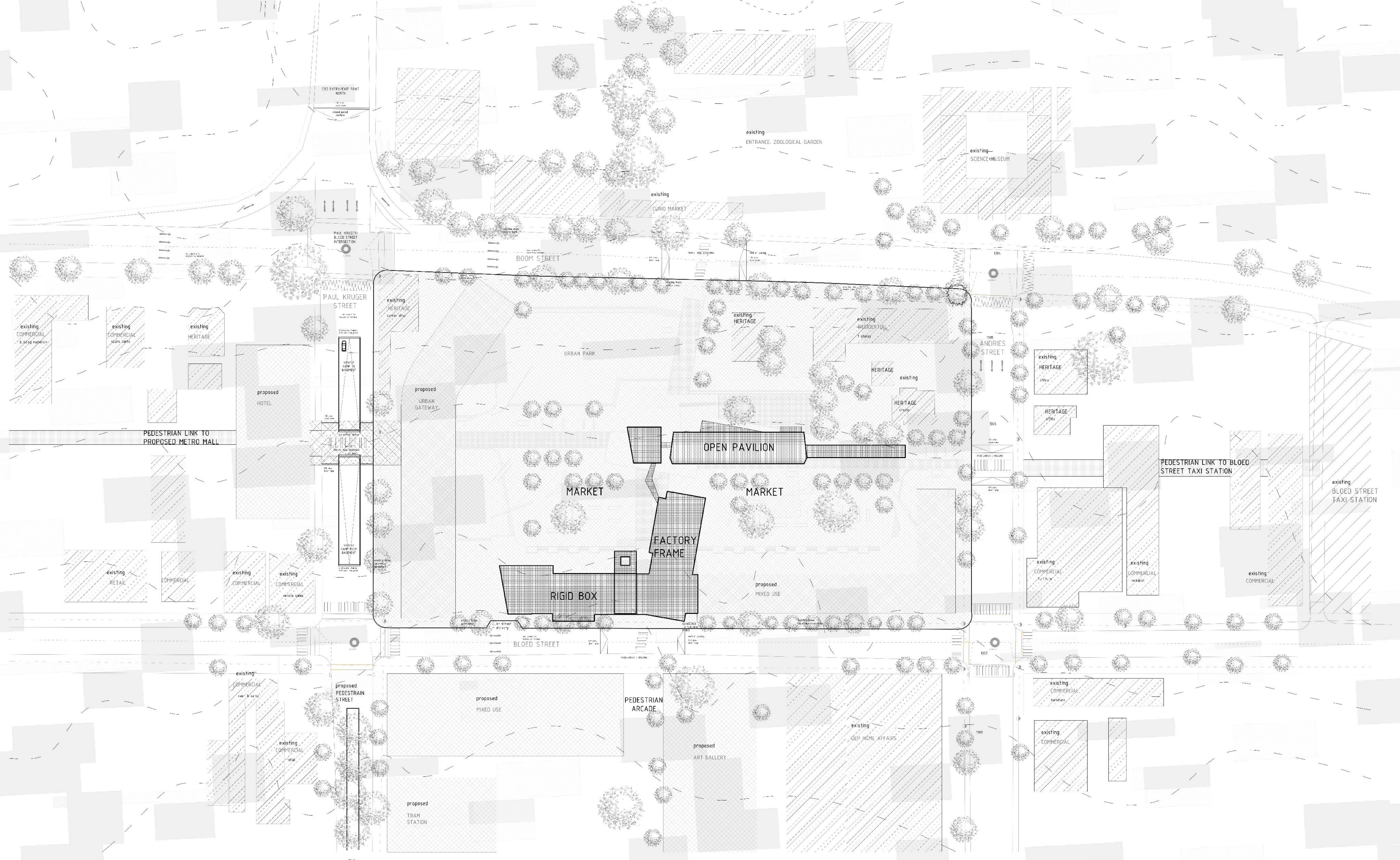
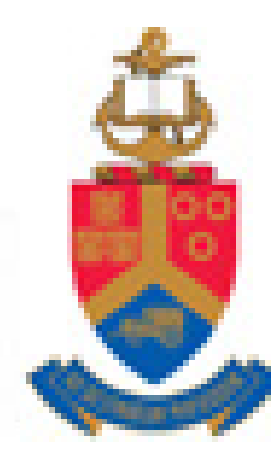
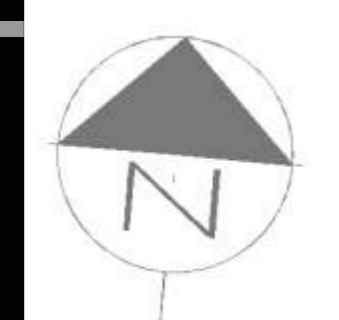
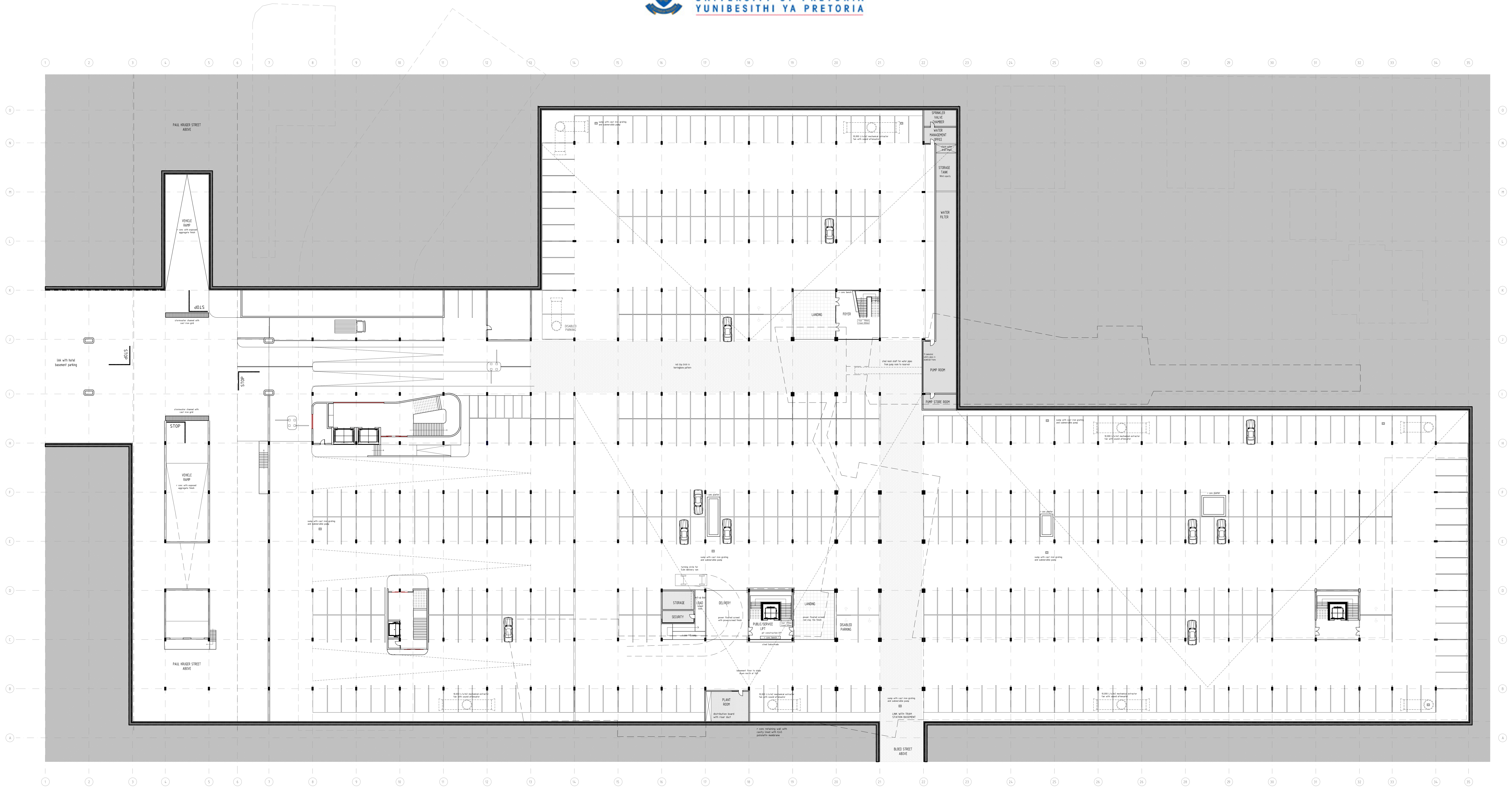
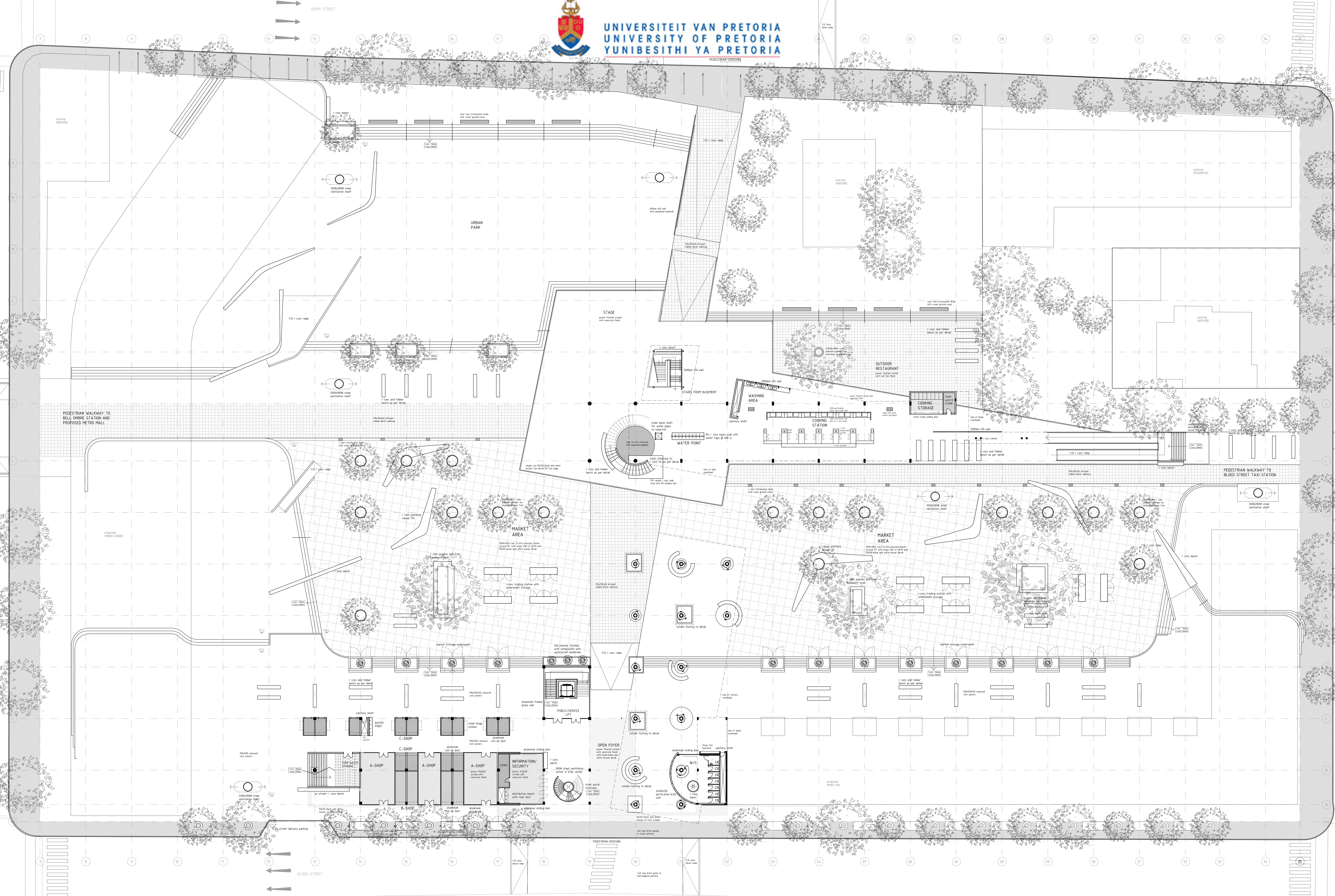
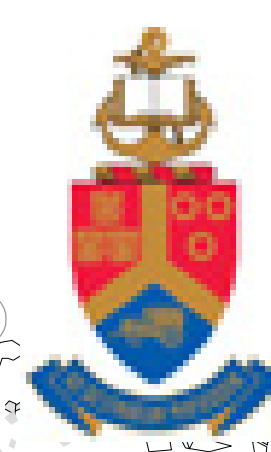


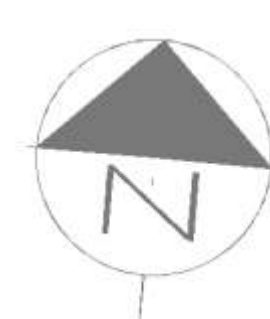
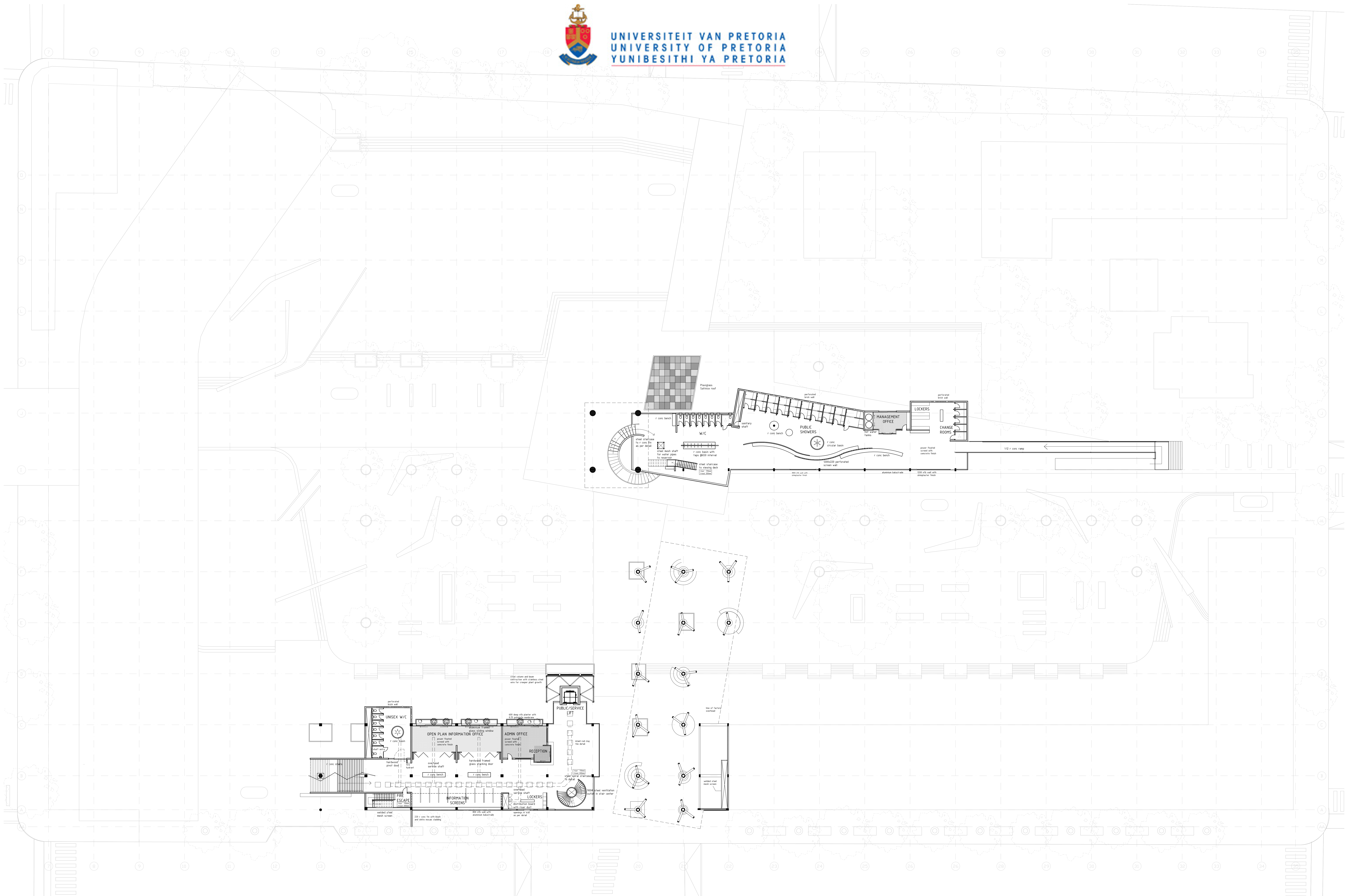
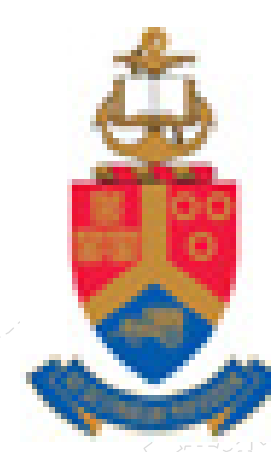


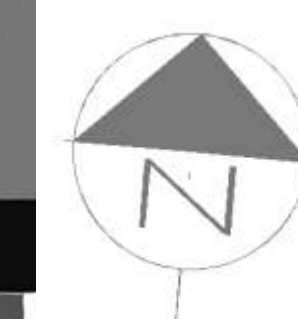
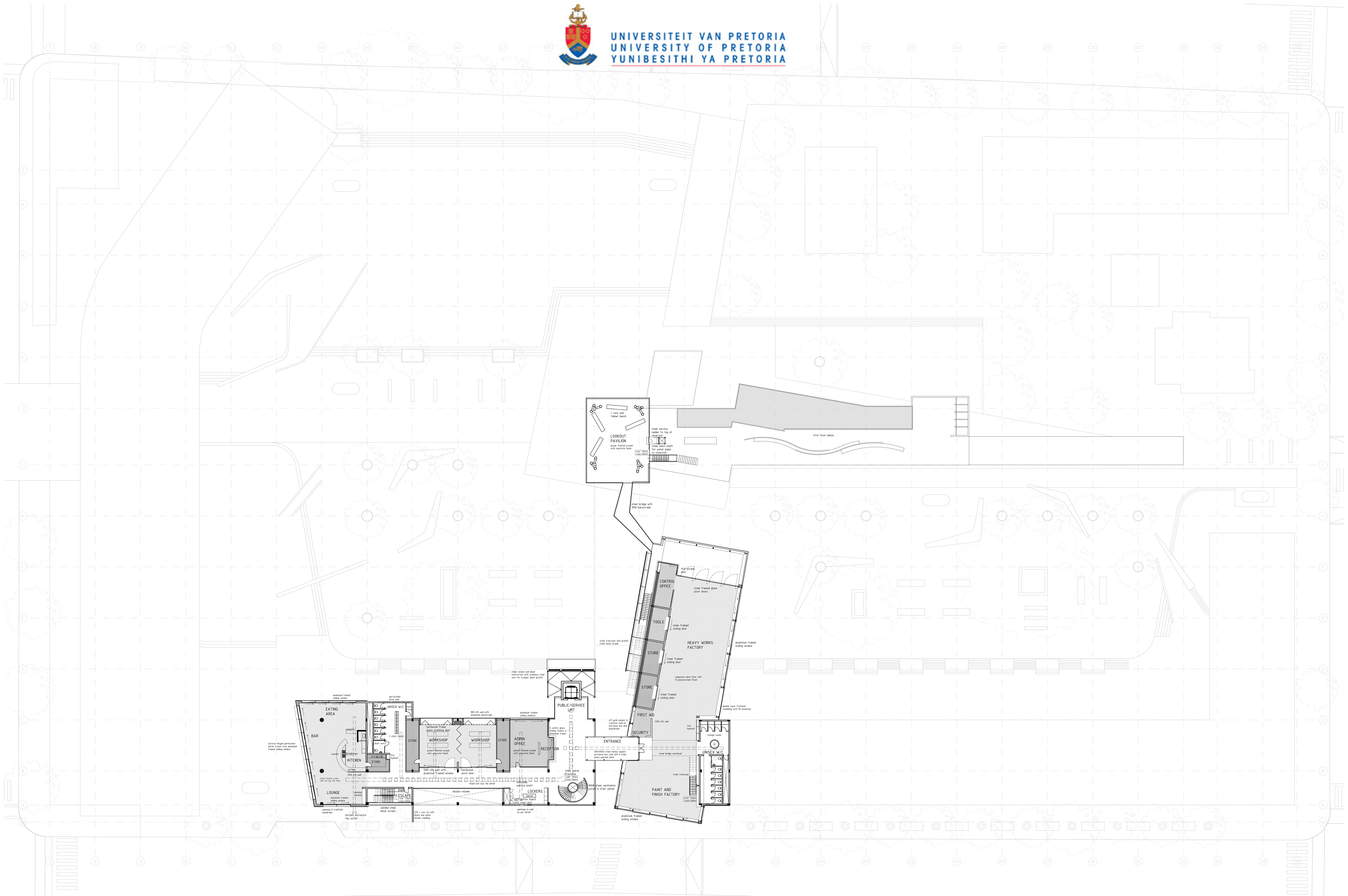
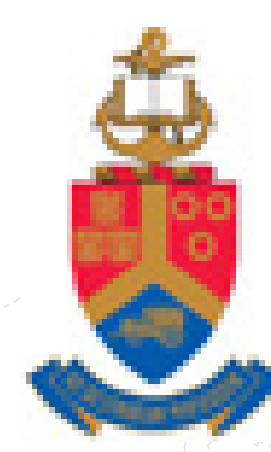
*2D TECHNICAL INVESTIGATION*

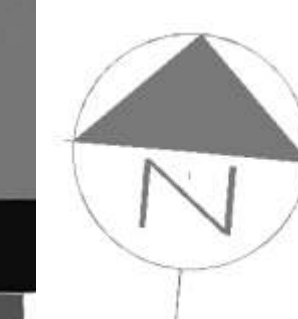
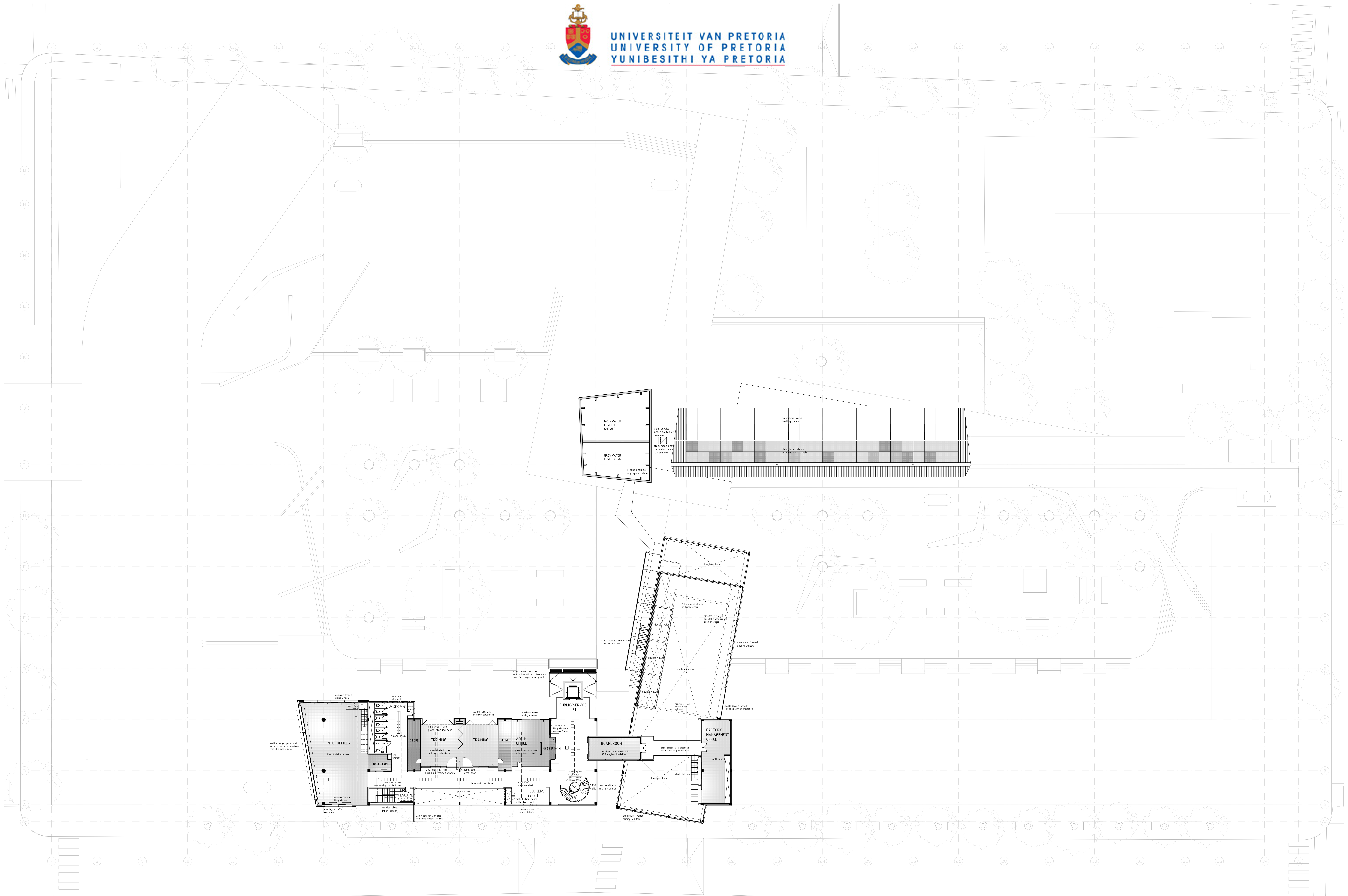
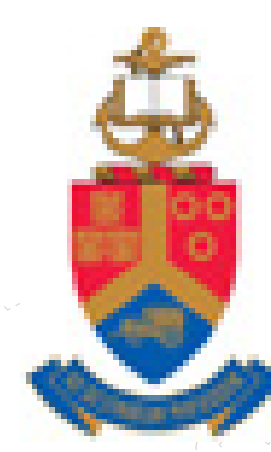


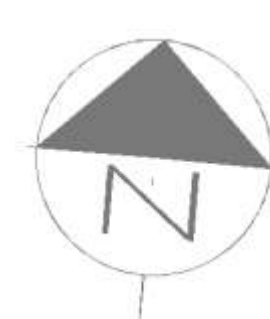
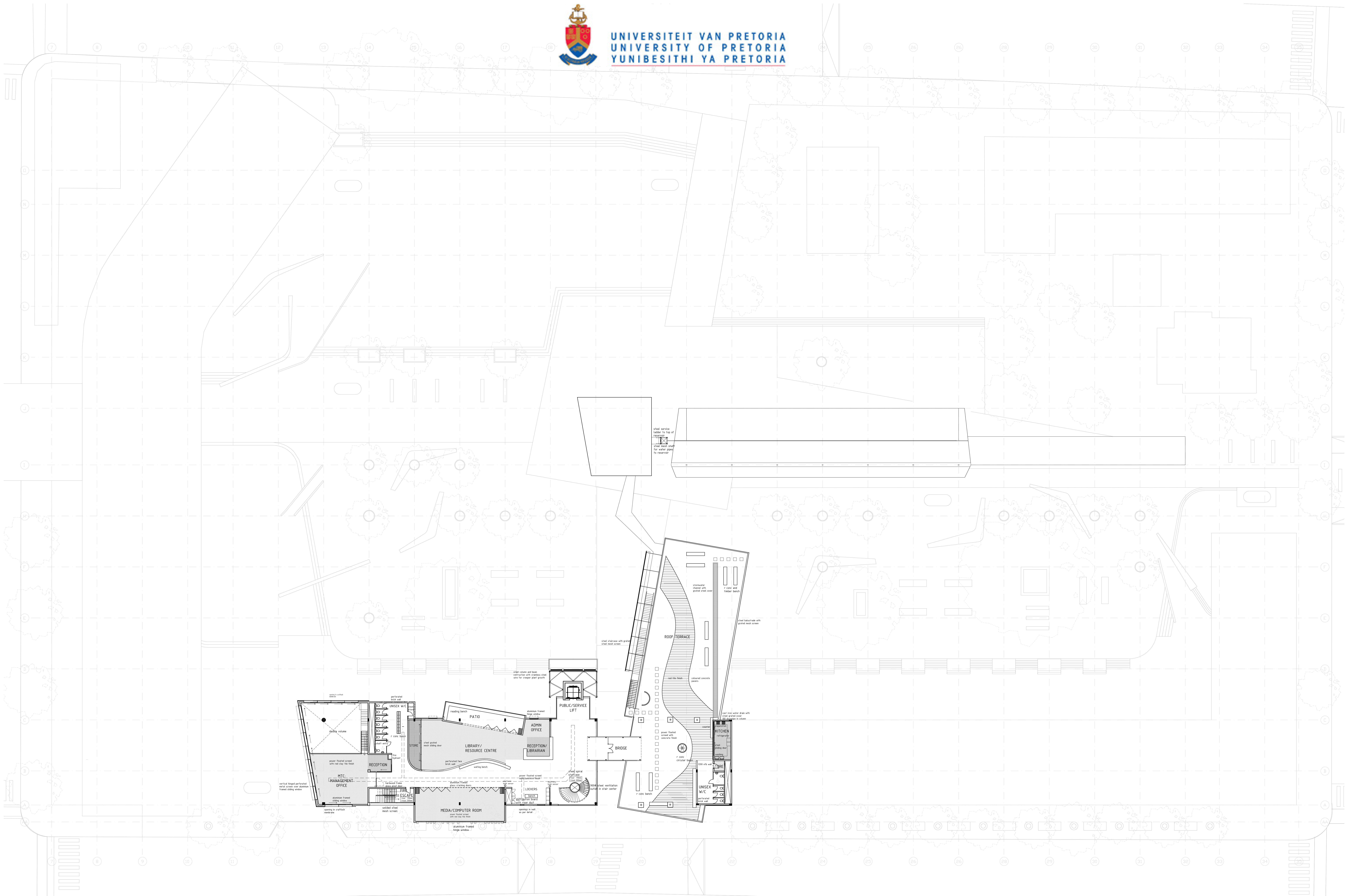
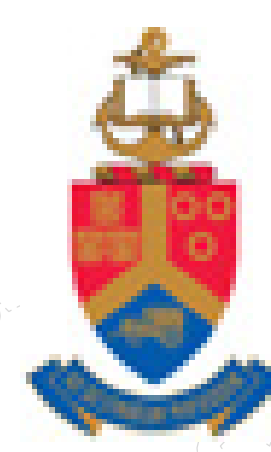








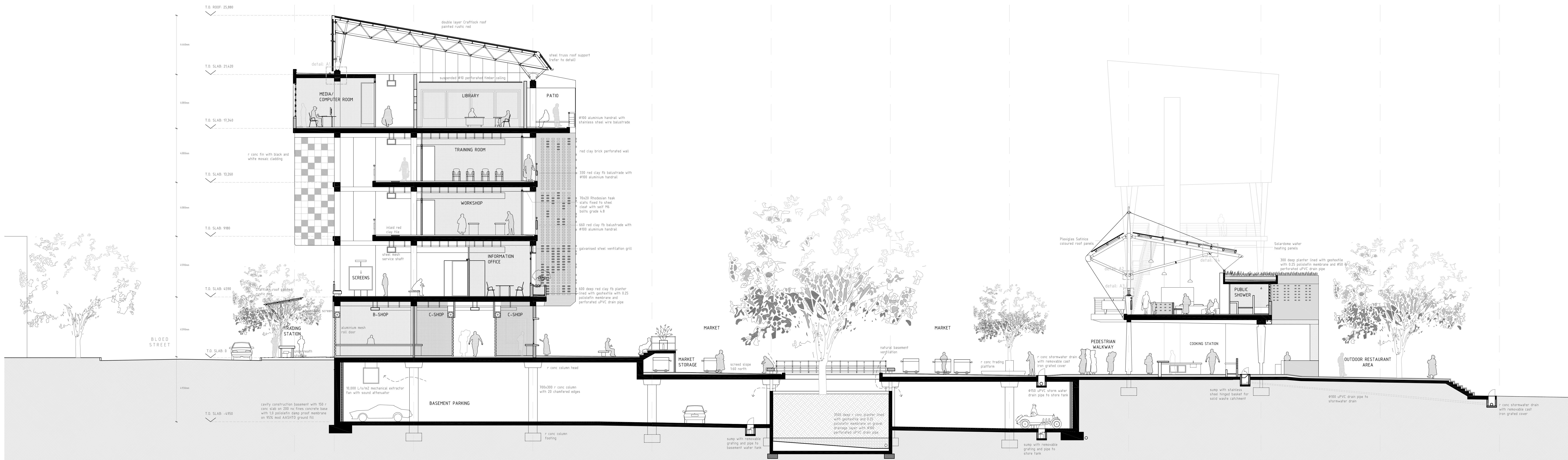




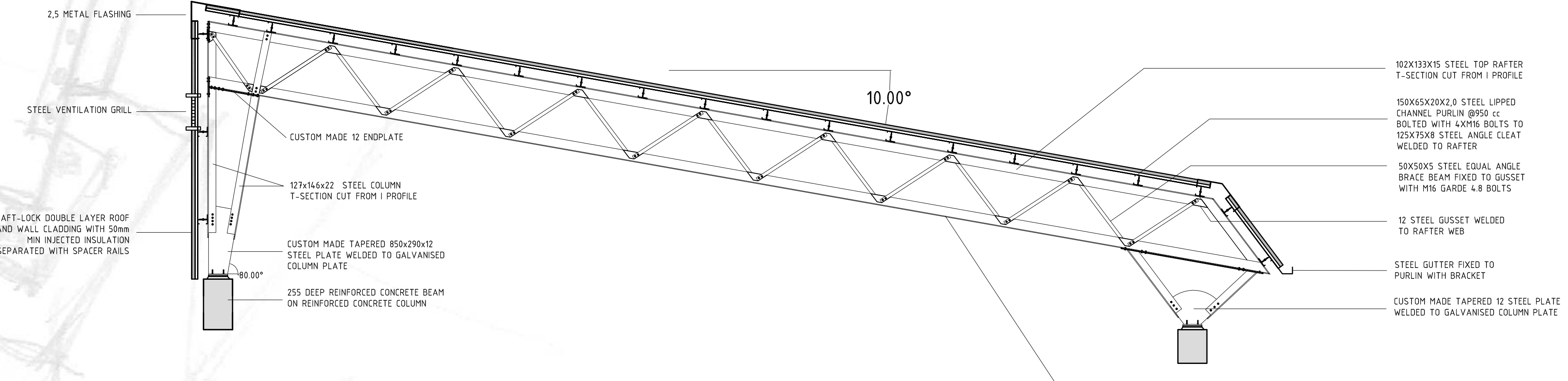
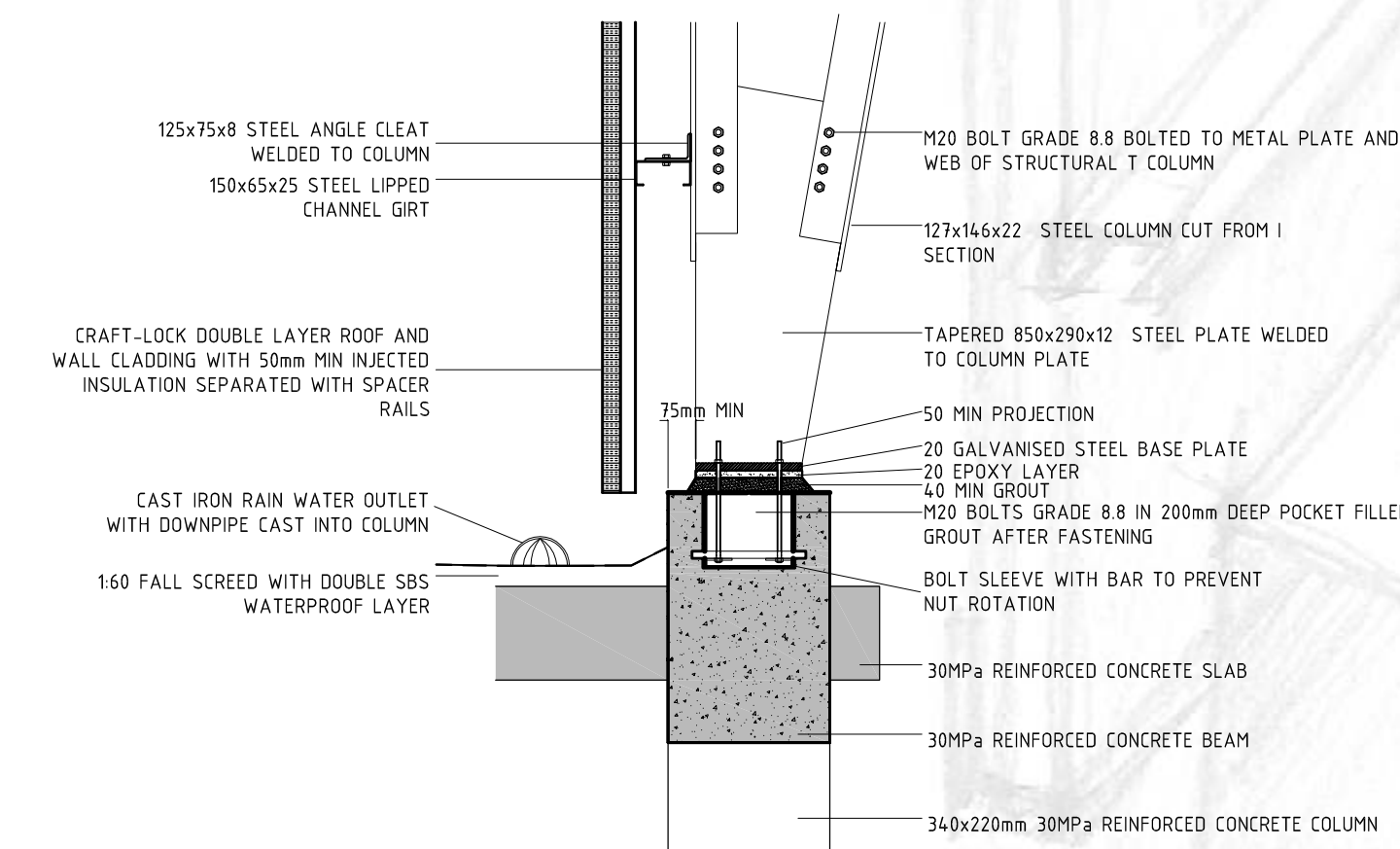
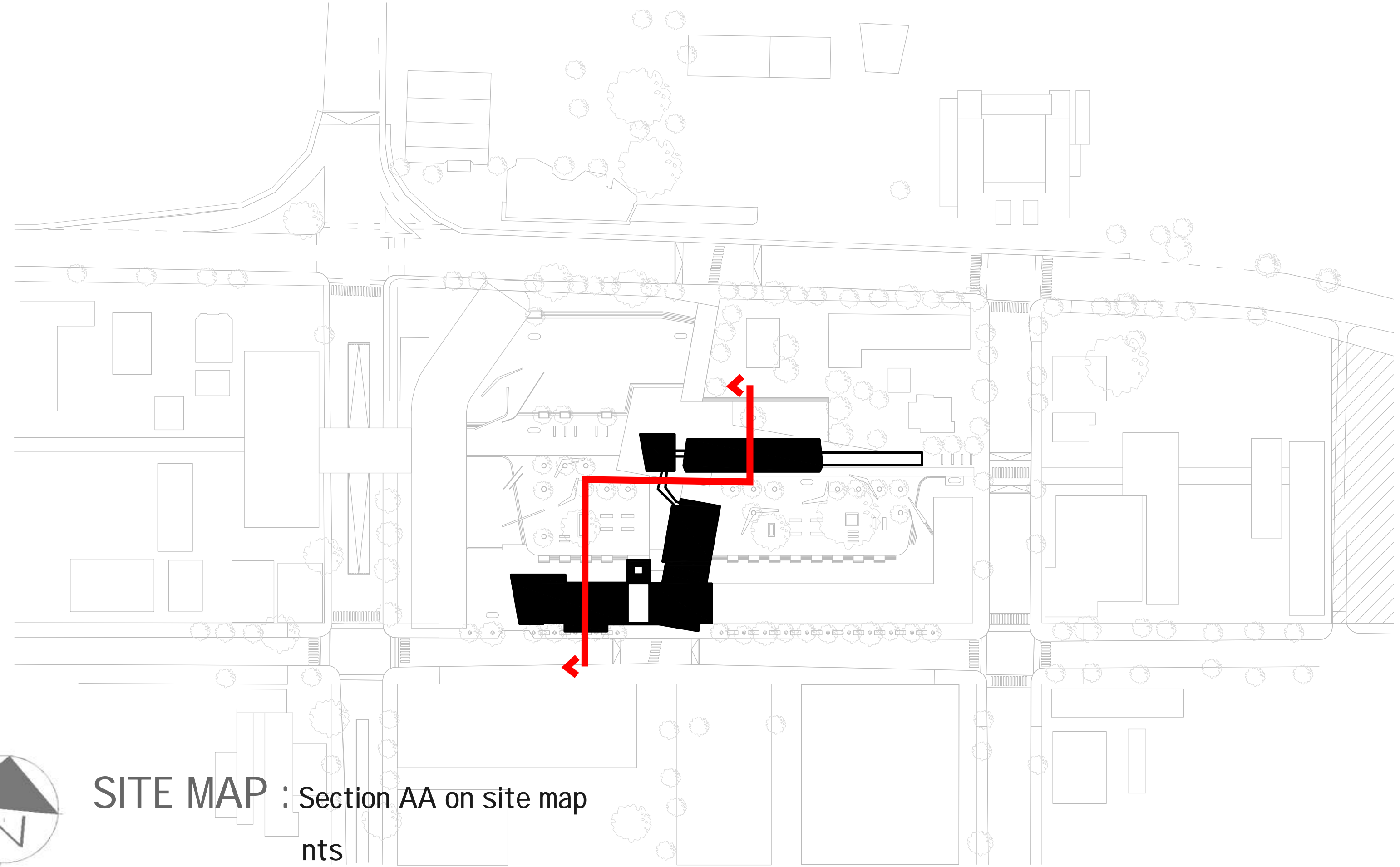


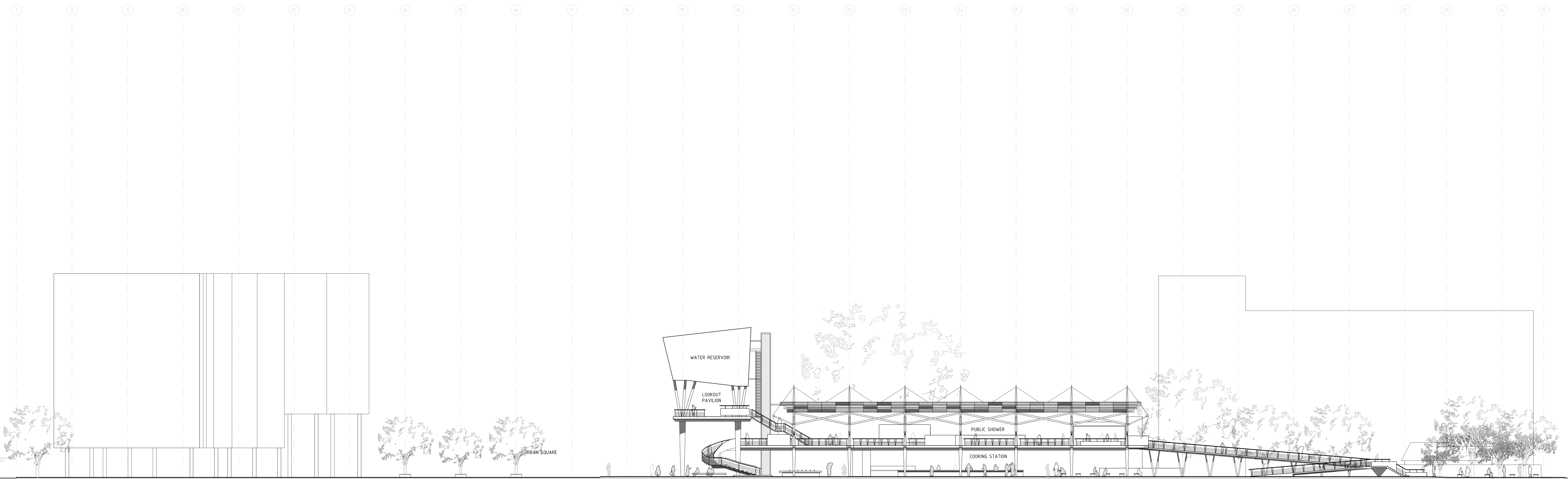
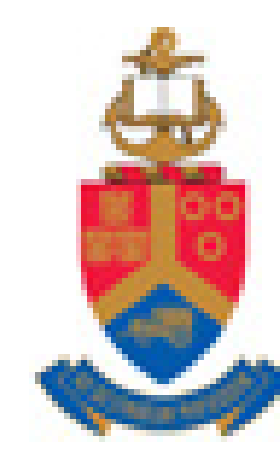


AA A B C I H I J K L

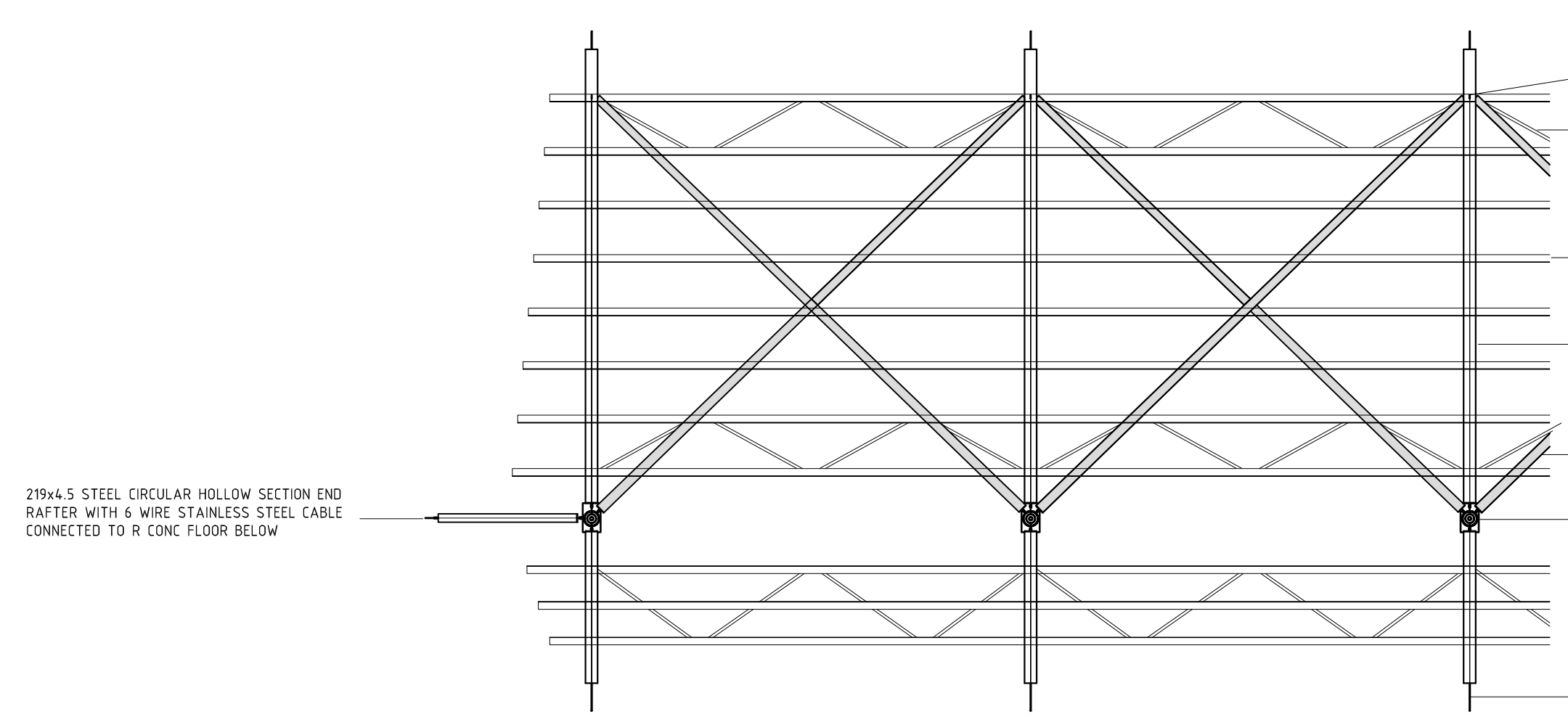


AA 1:100

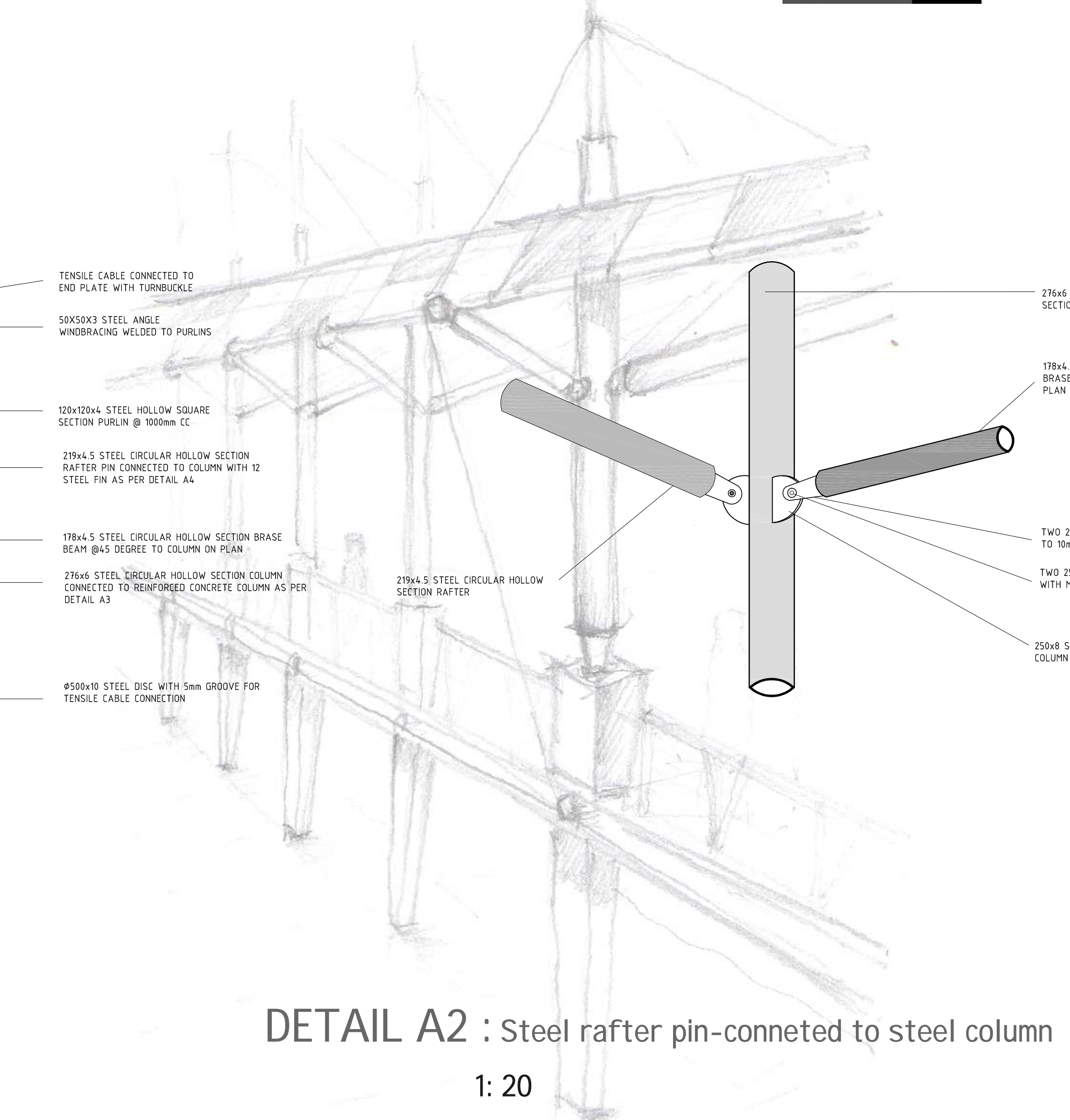




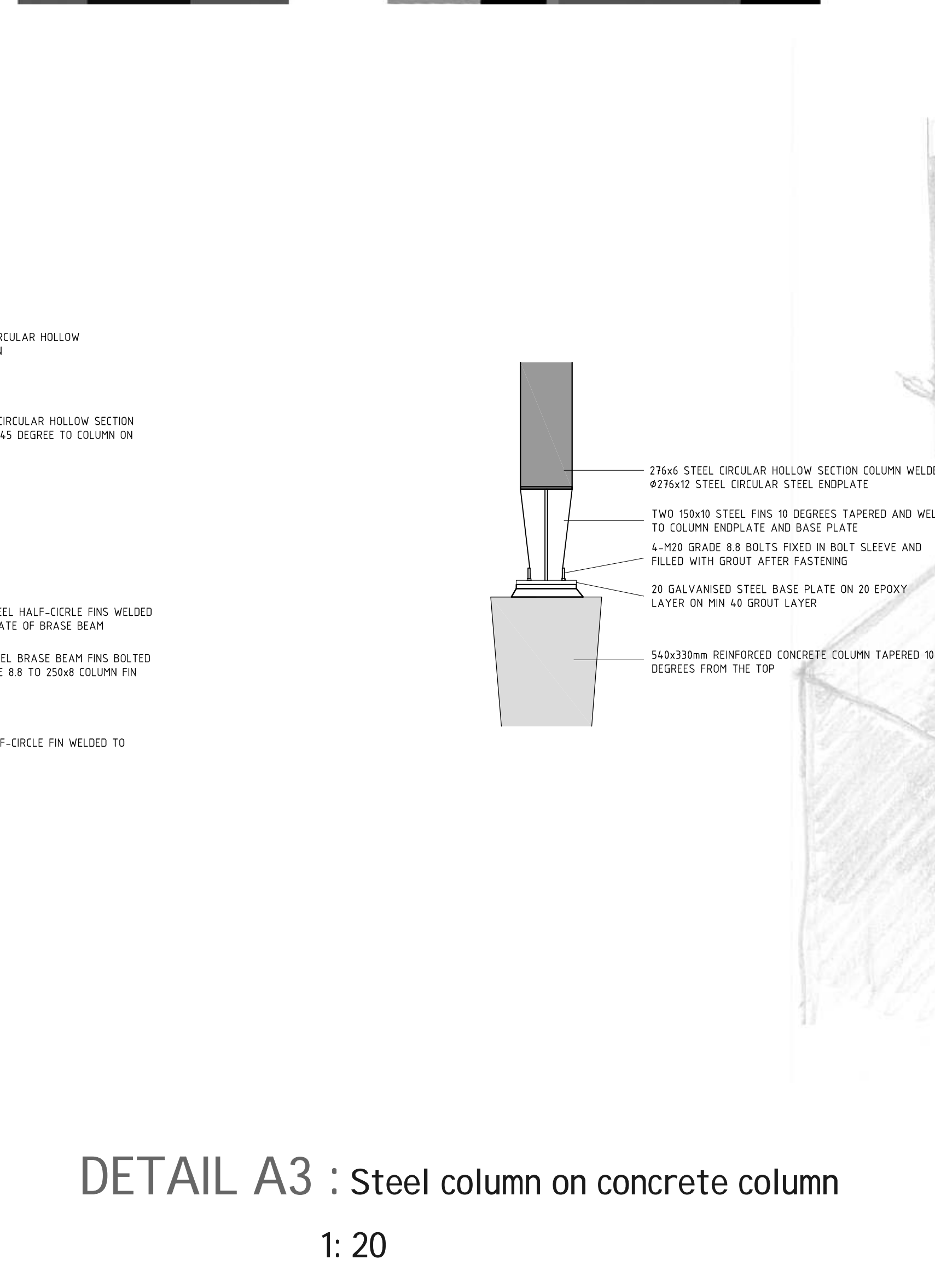
**SOUTH** elevation 1:200



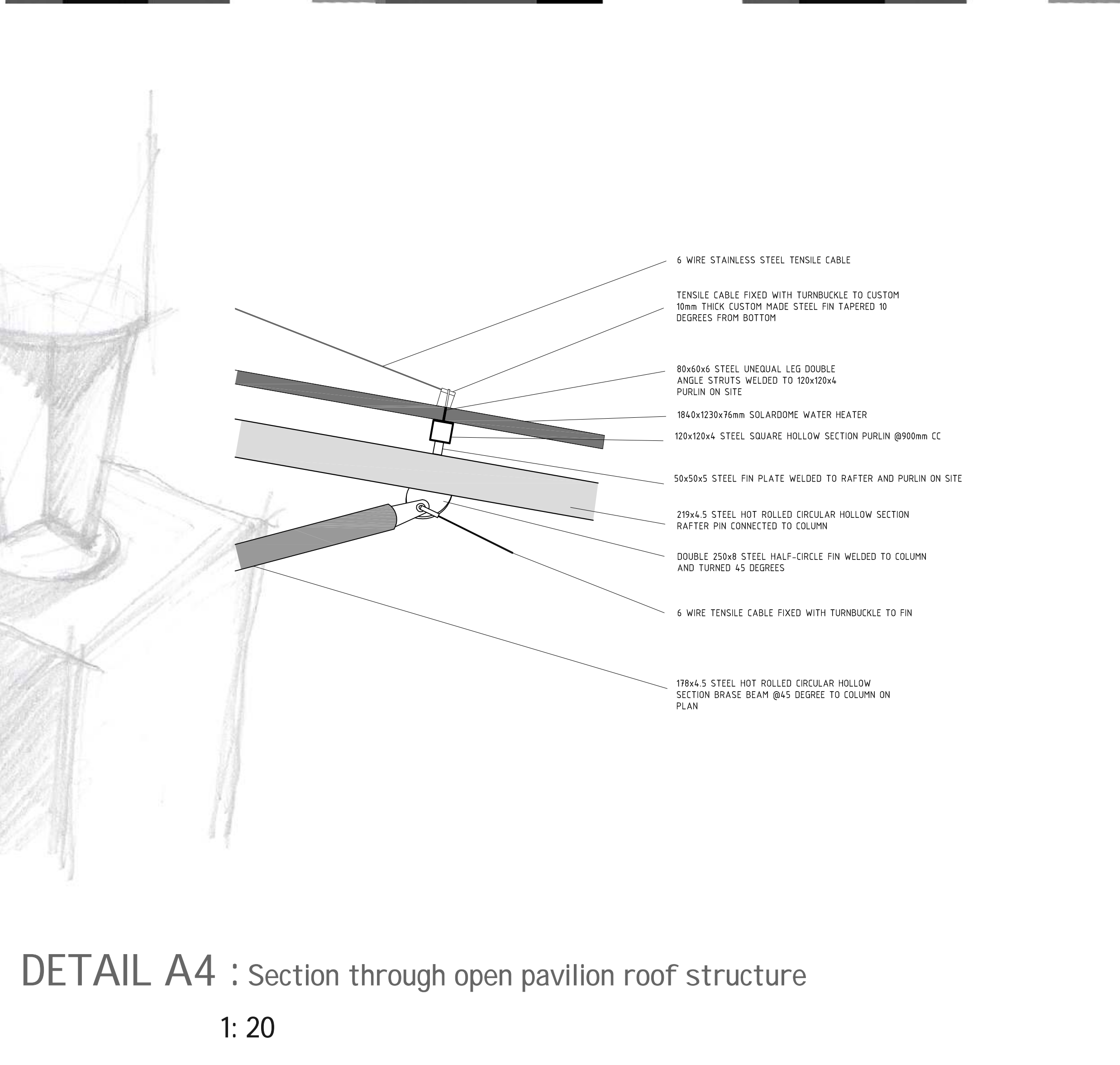
DETAIL : Plan of open pavilion roof structure  
1: 100



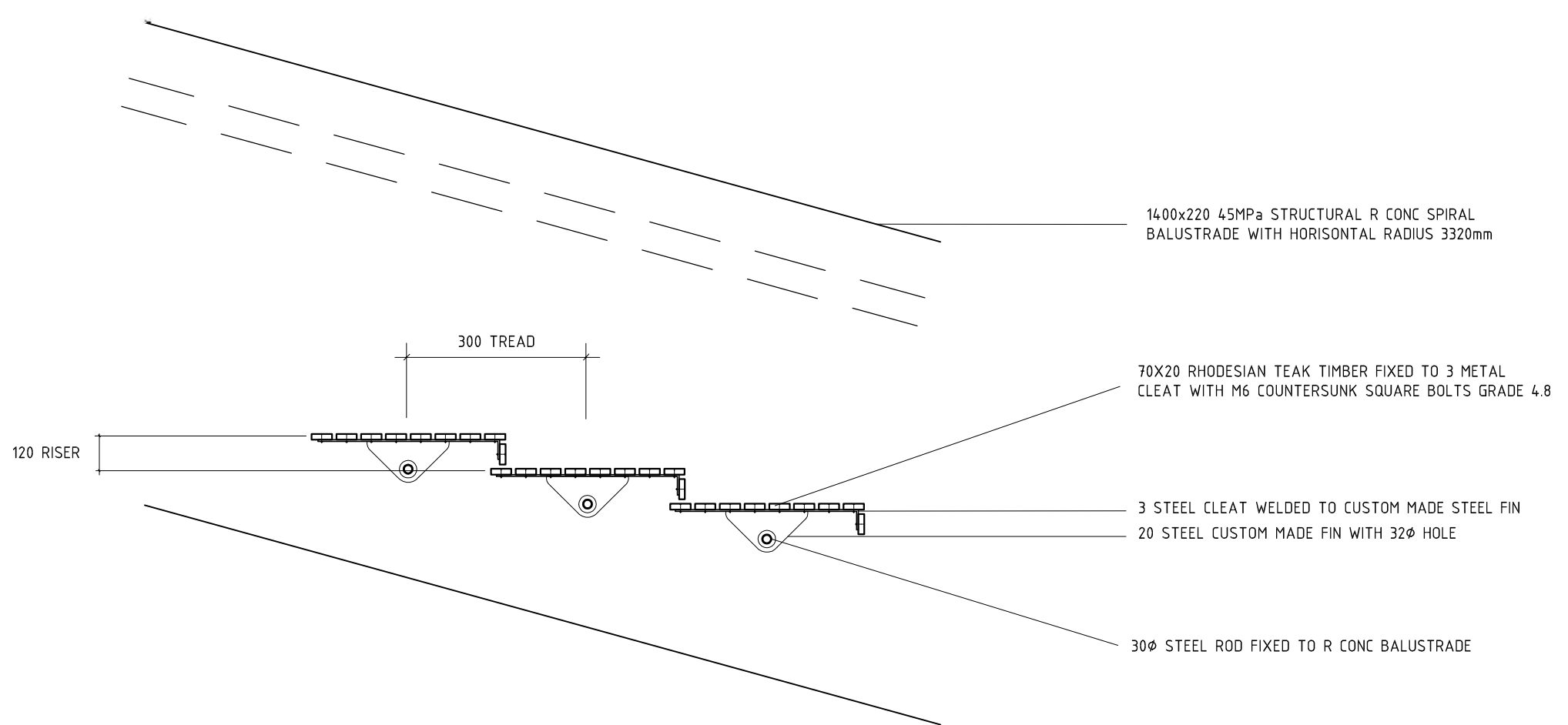
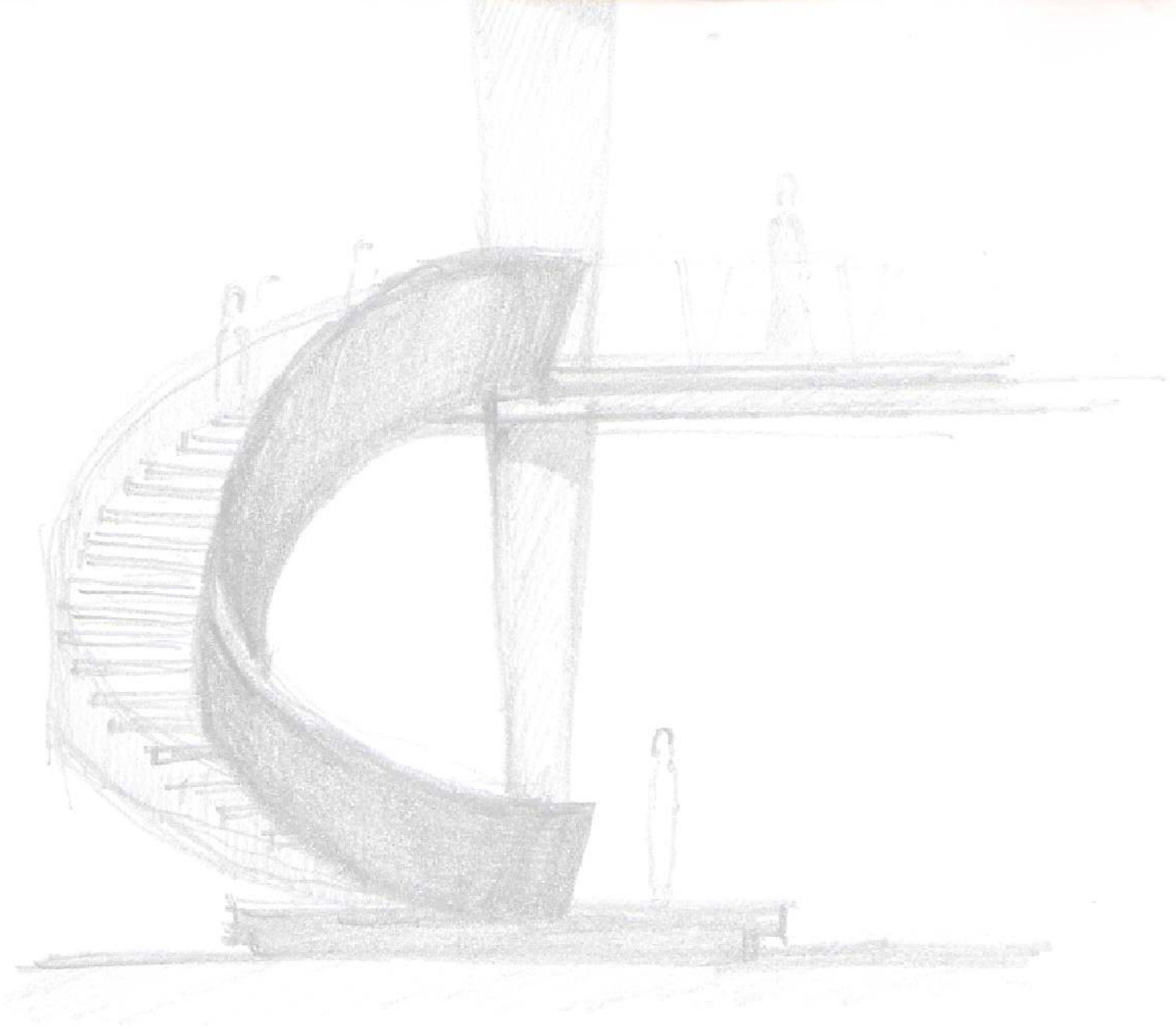
DETAIL A2 : Steel rafter pin-connected to steel column  
1: 20



DETAIL A3 : steel column on concrete column  
1: 20

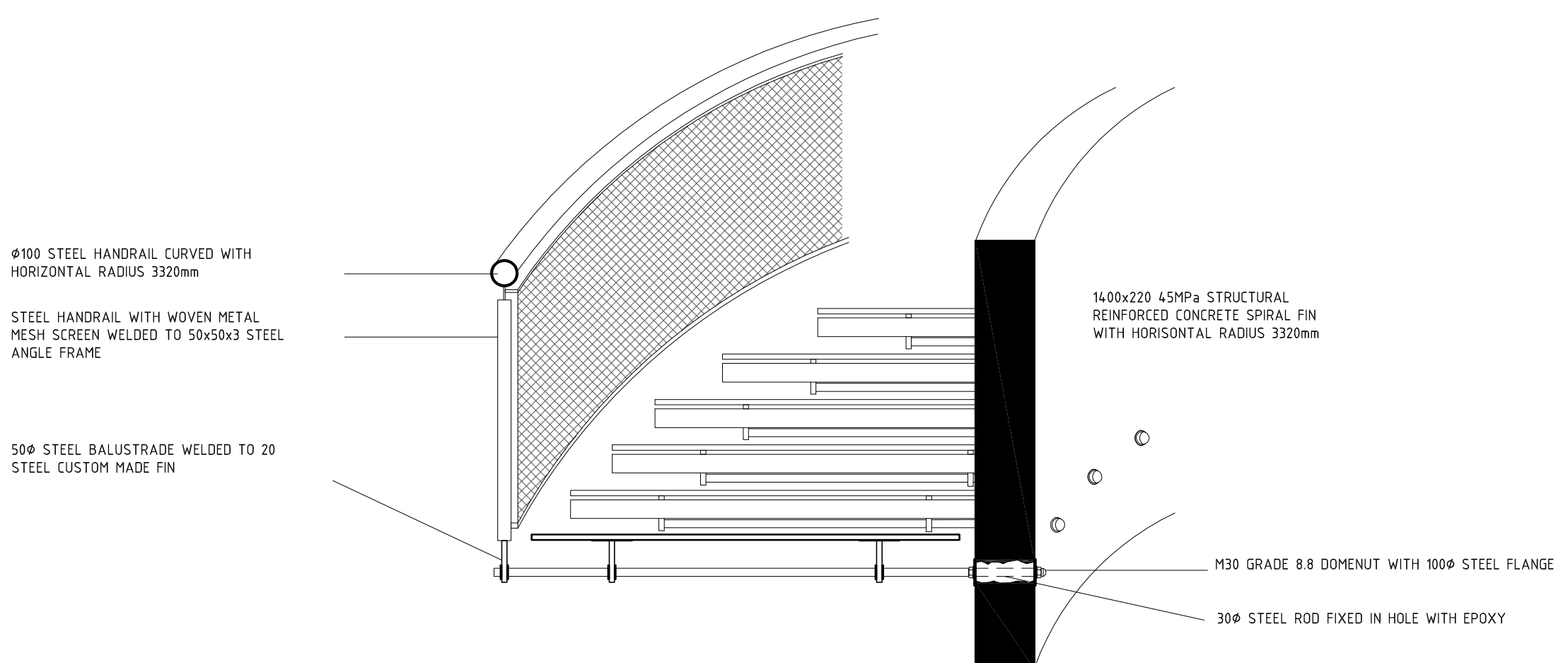


DETAIL A4 : Section through open pavilion roof structure  
1: 20



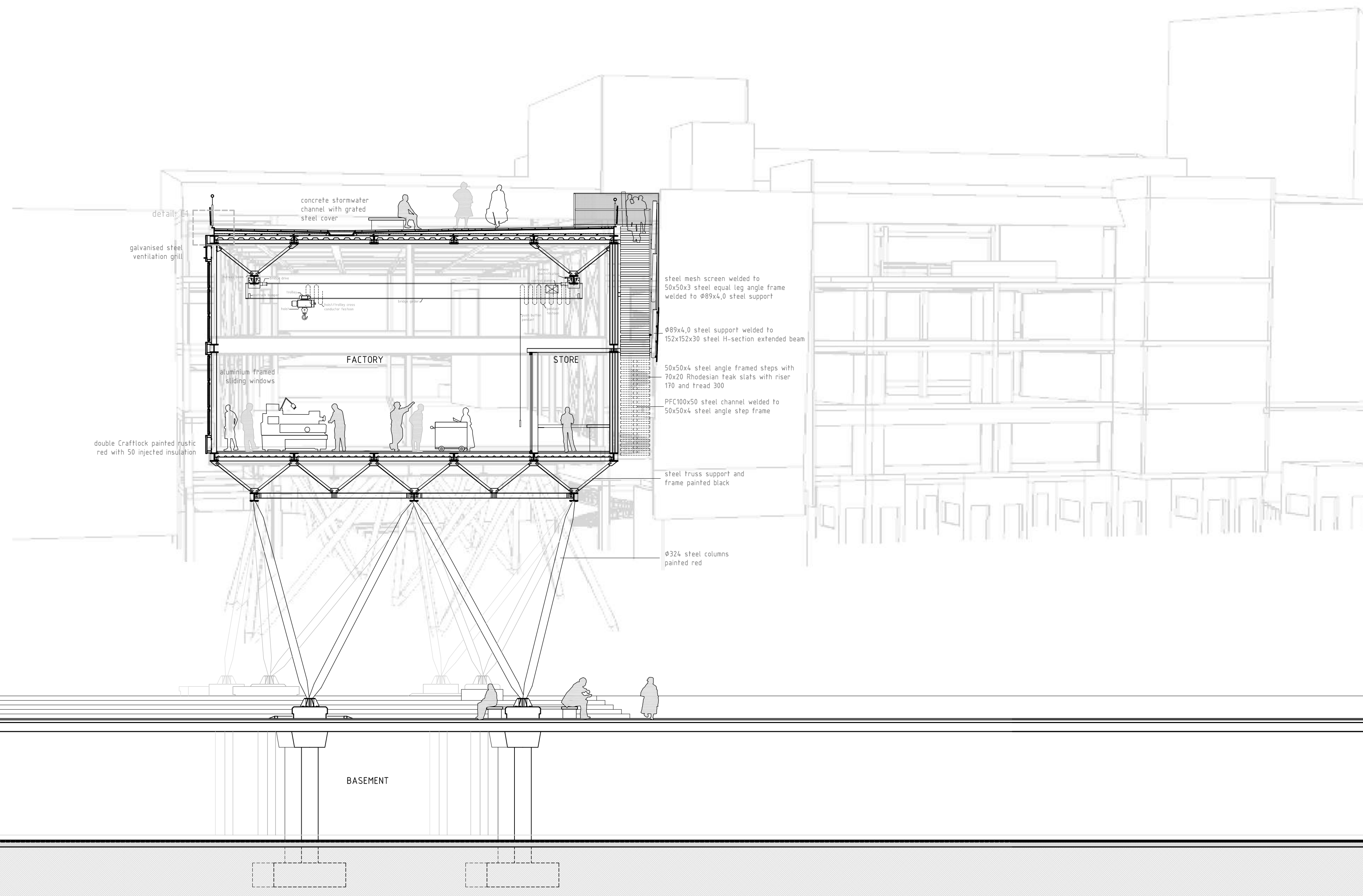
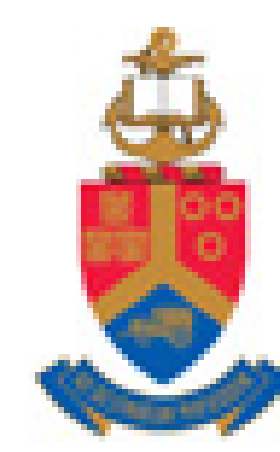
DETAIL : Section through concrete fin staircase steps

1: 20



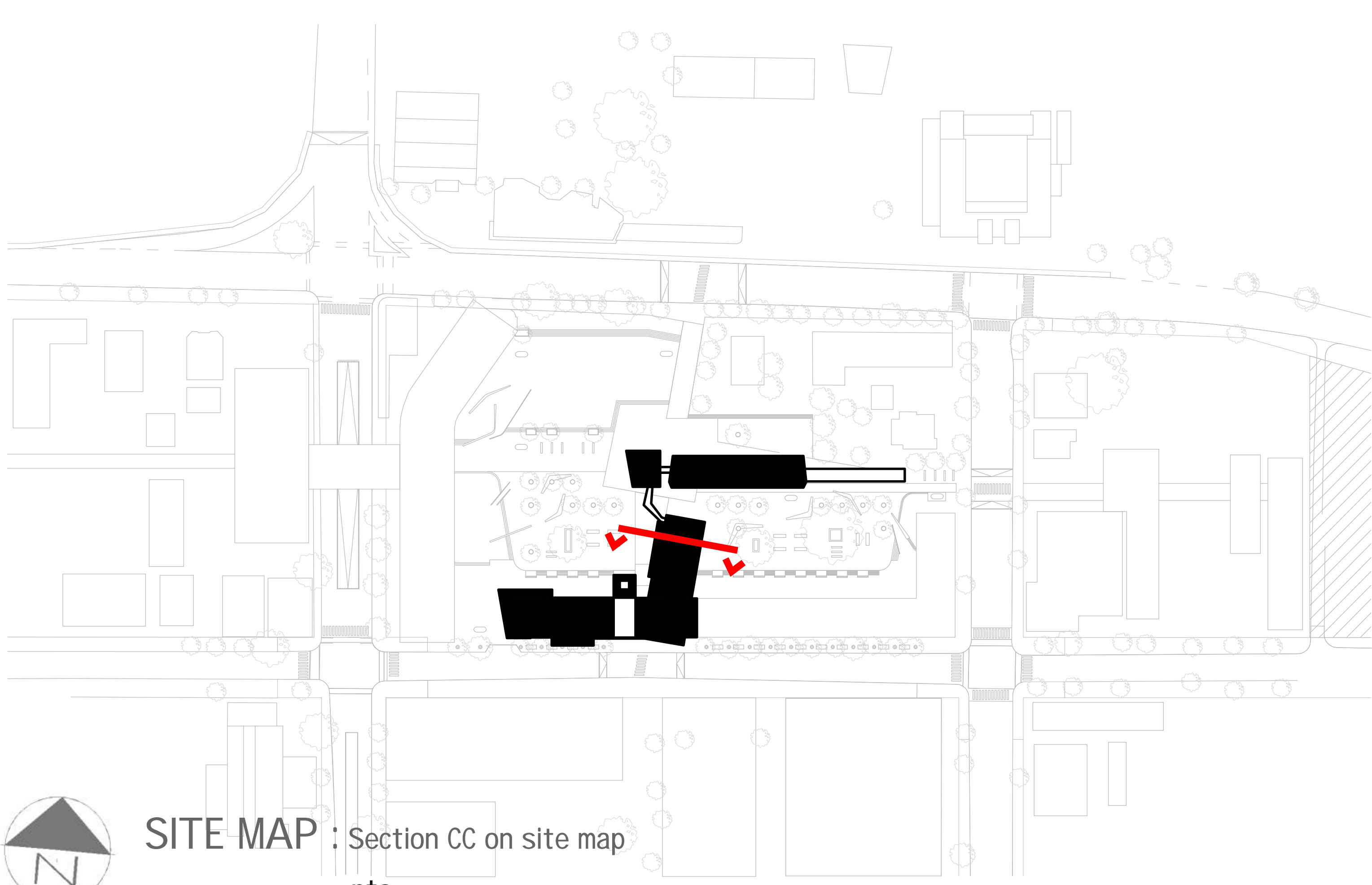
DETAIL : Section through concrete fin staircase

1: 20



CC

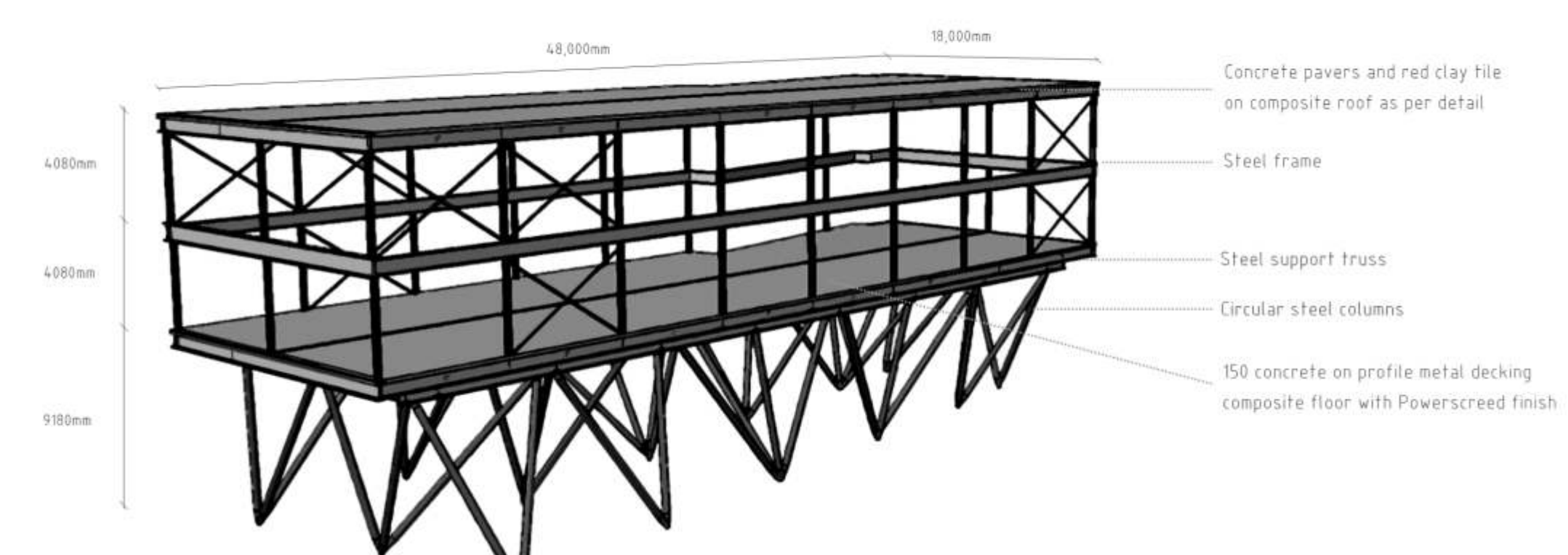
1:100



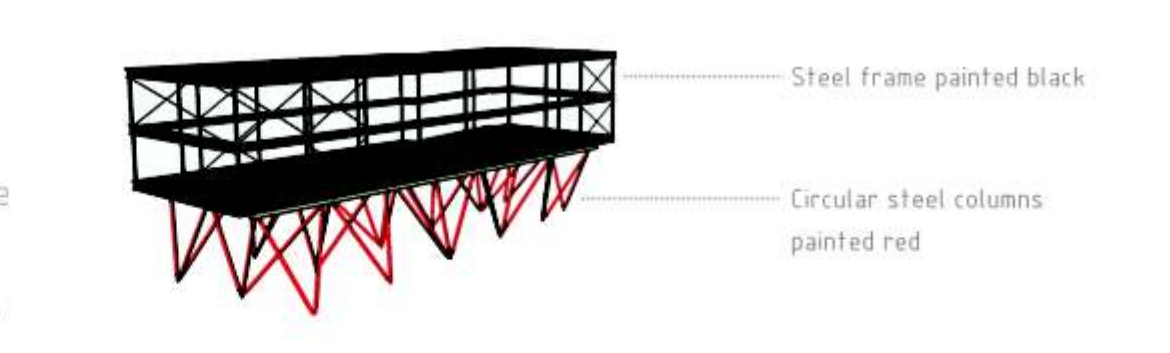
SITE MAP : Section CC on site map  
nts

DETAIL C1 : Roof structure over factory frame  
1: 10

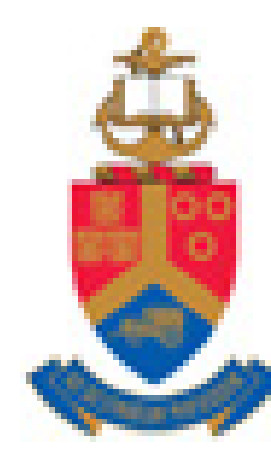
- EXPANDED METAL MESH SCREEN WELDED TO 25x25x4.8 STEEL COLD FORMED ANGLE FRAME
- 50x50x4.8 STEEL SQUARE HOLLOW SECTION BALLASTTRAY SUPPORT WELDED TO 40x STEEL ROD WELDED TO S BASEPLATE FIXED TO CHANNEL WITH 4-M6 BOLTS GRADE 4.8
- 100x100x4 STEEL SA PARALLEL FLANGE CHANNEL FIXED TO 30x30x5.03 STEEL H-SECTION BEAM WITH 2-M20 GRADE 8.8 BOLTS PRIOR TO CRAFTLOCK CLADDING
- 25 METAL FLASHING WITH NEOPRENE STOP FIXED TO CHANNEL AND H-SECTION BEAM WITH 3-M20 GRADE 8.8 BOLTS AFTER CRAFTLOCK CLADDING
- DOUBLE LAYER CRAFTLOCK CLADDING WITH 50 INJECTED INSULATION SEPARATED WITH SPACER RAILS
- 40x40x3 EDIAL LEG ANGLE WATERPROOF LAYER CAPPING FIXED TO CHANNEL WITH 2-M6 BOLTS GRADE 4.8
- 50x50x56 PRECAST CONCRETE PAVER BLOCKS
- 30 MORTAR BASE
- DOUBLE LAYER SBS WATERPROOF MEMBRANE HOT WELDED AT LAP JOINTS AND ENDS
- MN 45 SCREED TO FALL 130 TO STORMWATER CHANNEL
- 6x6 POLYURETHAN DAMP PROOF MEMBRANE BLACK
- 75 THICK EXTRUDED POLYSTYRENE RIGID FOAM INSULATION
- 150 REINFORCED CONCRETE AND BOND-DEK COMPOSITE ROOF
- 25 CLOSED CELL POLY-ETHYLENE FOAM STRIP GLUED TO 305x305x137 STEEL H-SECTION BEAM
- 82x152x30 STEEL H-SECTION BEAM
- 305x305x137 STEEL H-SECTION BEAM
- SIX 12 STEEL FING SEPARATED 45 cc



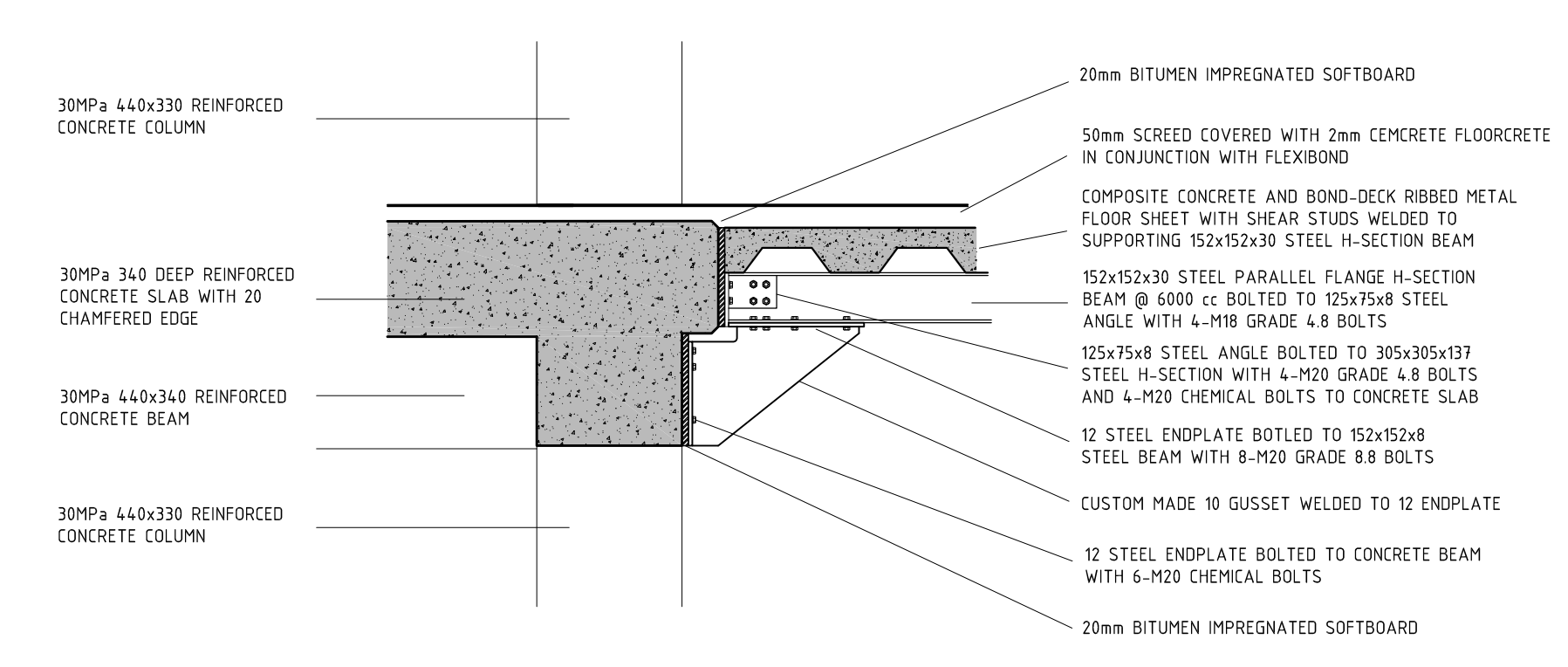
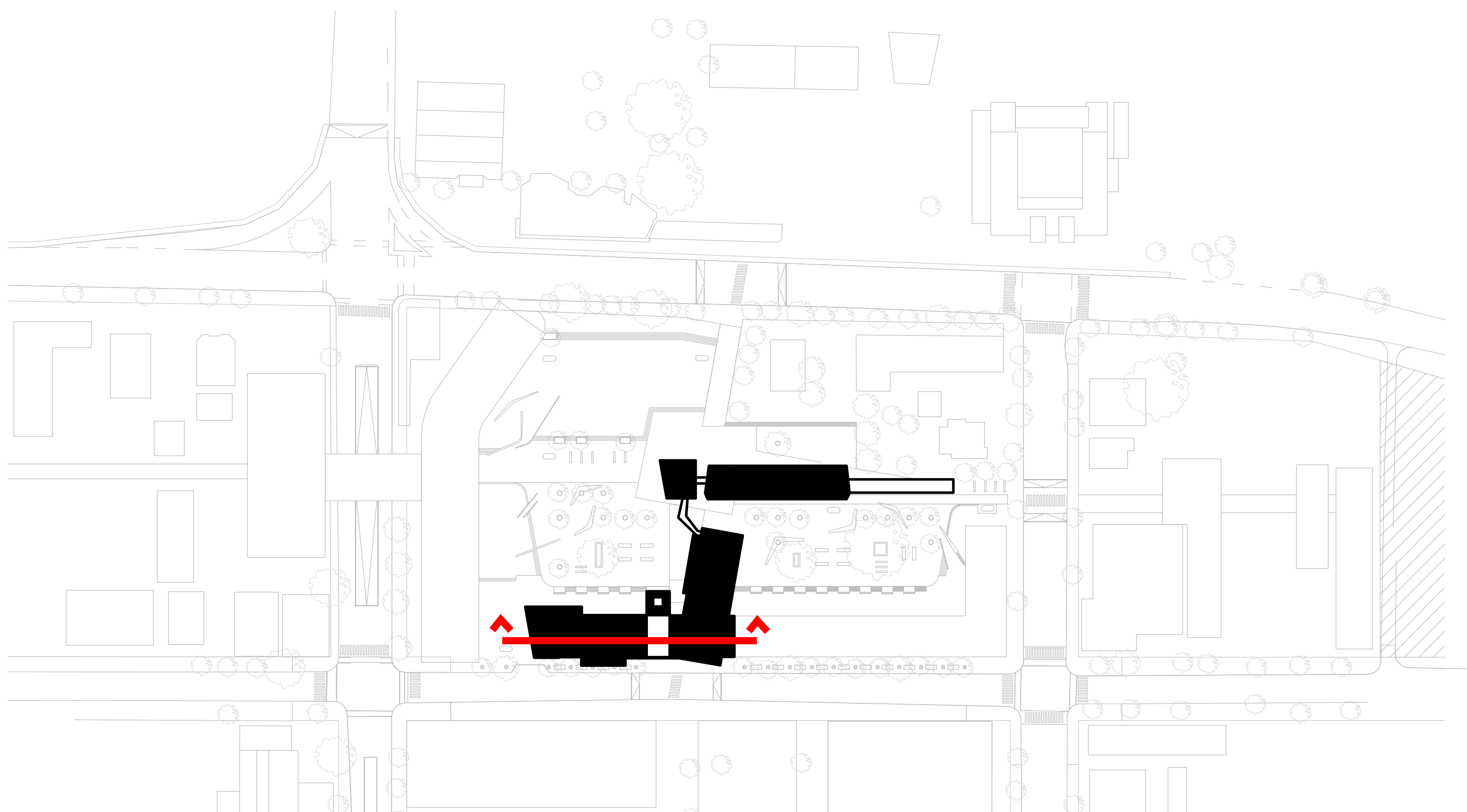
Steelworks:  
All steel is to be painted with two coats zinc phosphate primer to comply with SABS 1319 before entering the site.  
Structural steel is to be further painted with two coats intumescent paint to have fire resistance of minimum two hours.



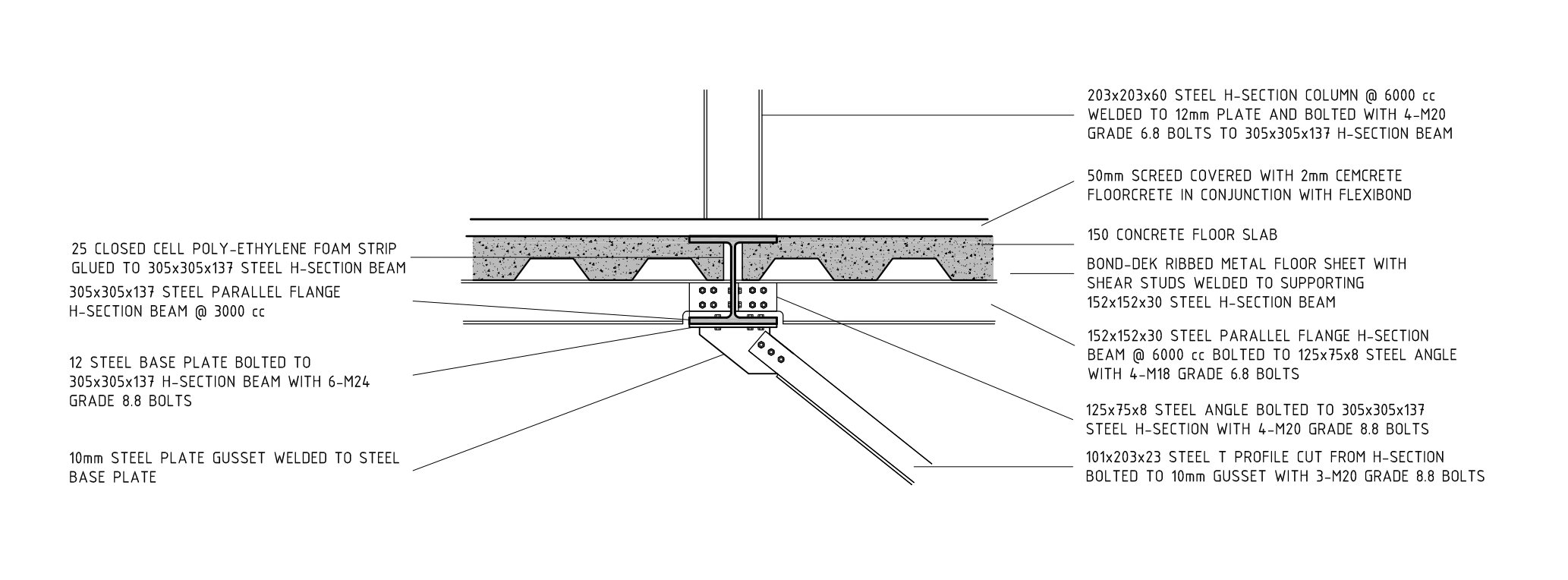
DETAIL : Steel structure of factory frame  
nts



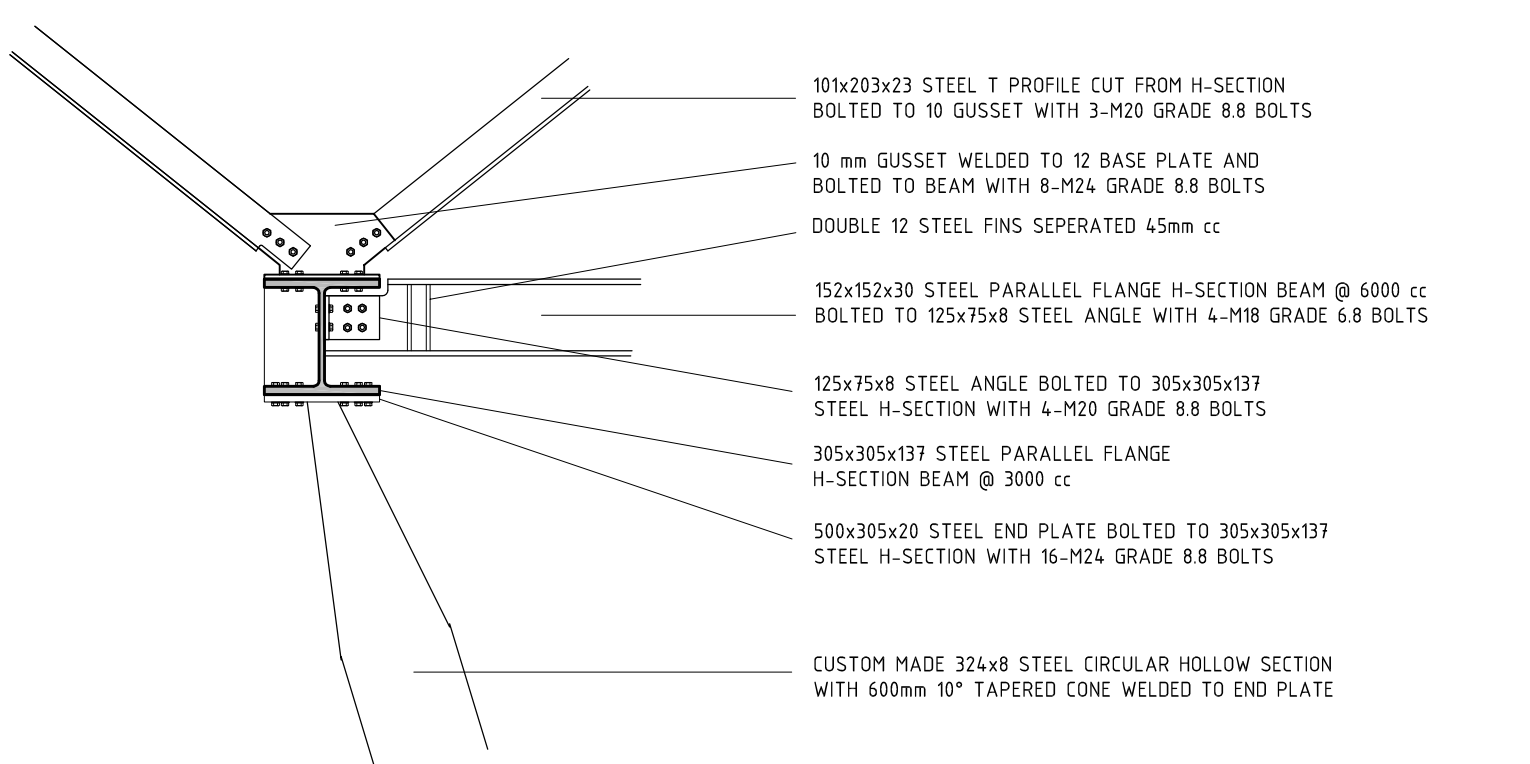
BB 1:100



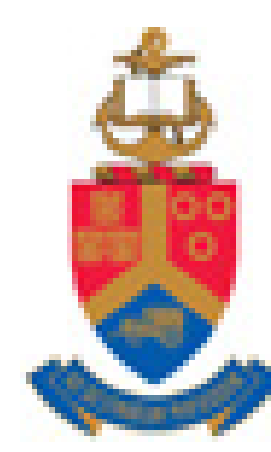
DETAIL B1 : Steel bridge to concrete frame connection  
1: 20



DETAIL B2 : Top steel truss connection  
1: 20



DETAIL B3 : Bottom steel truss connection  
1: 20



13

14

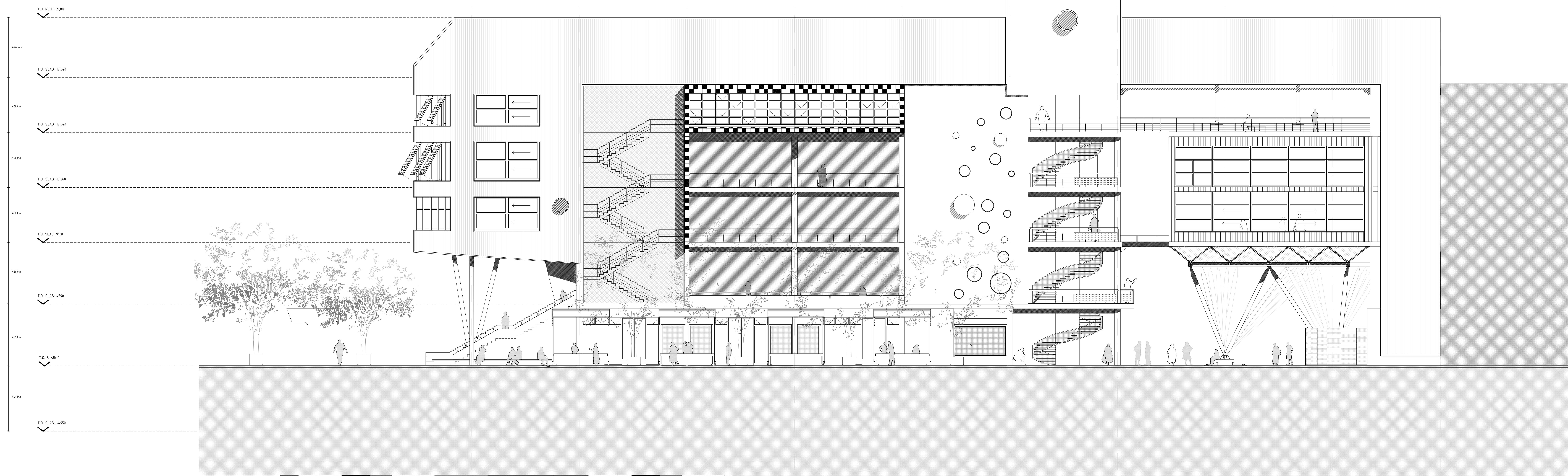
18

19

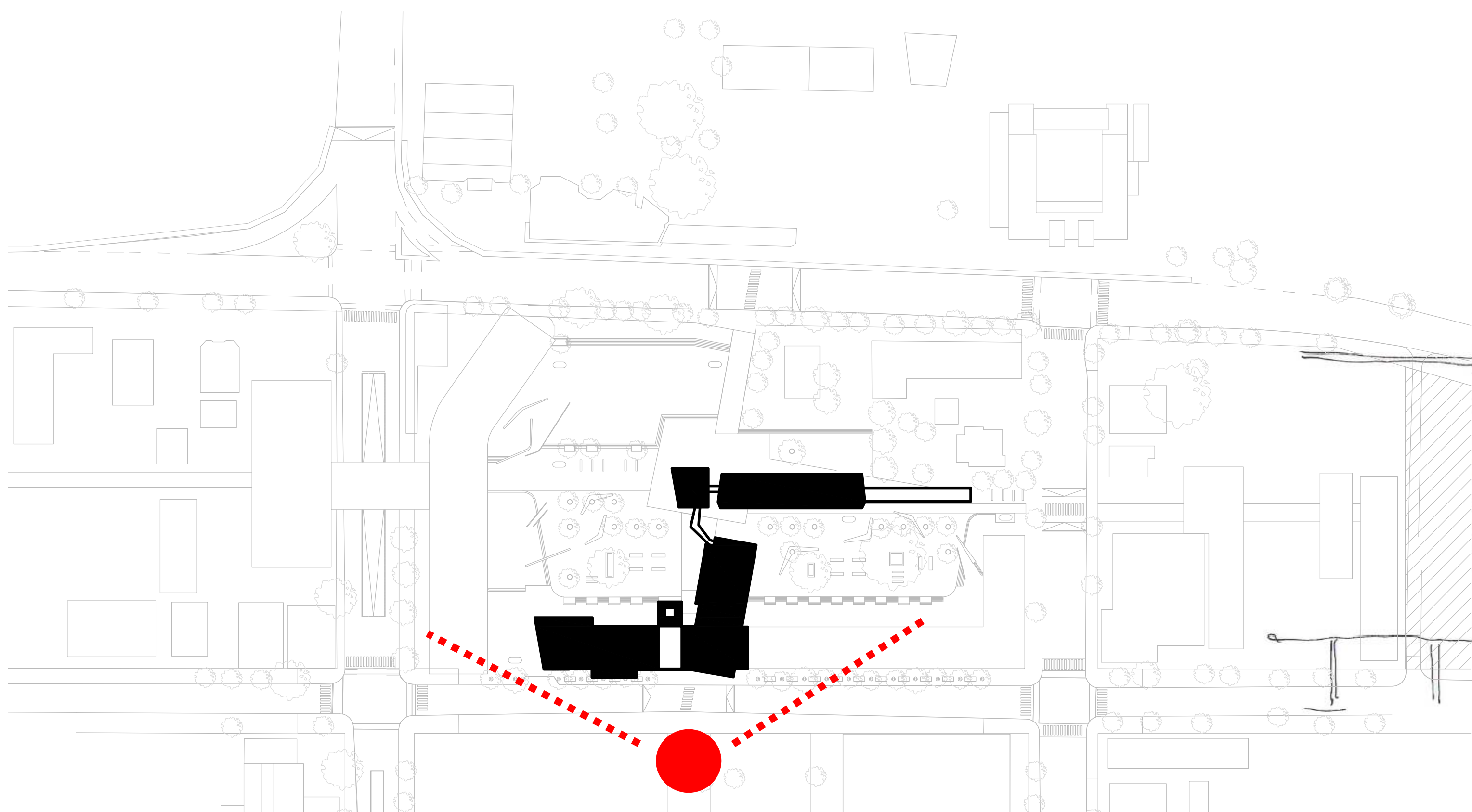
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21

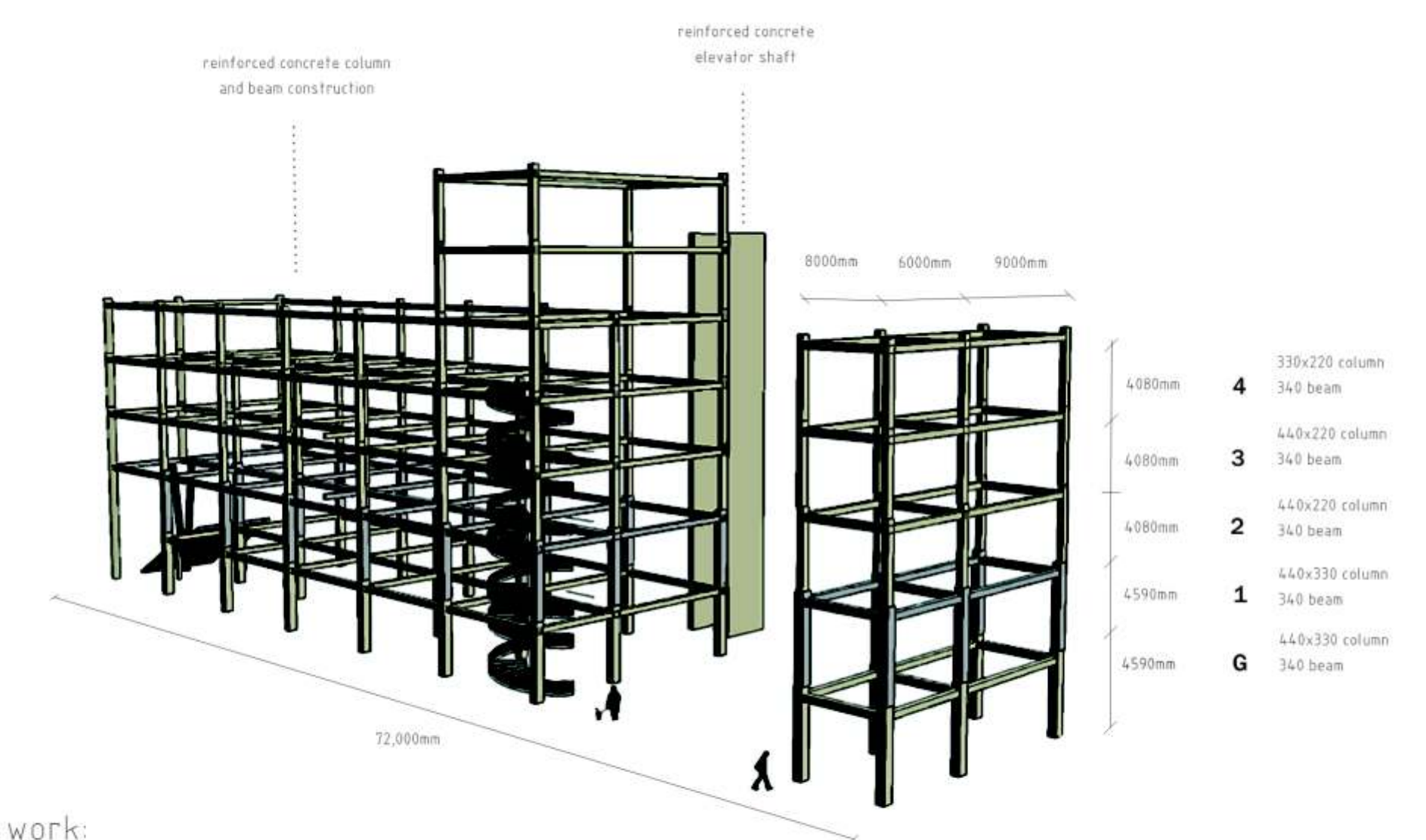
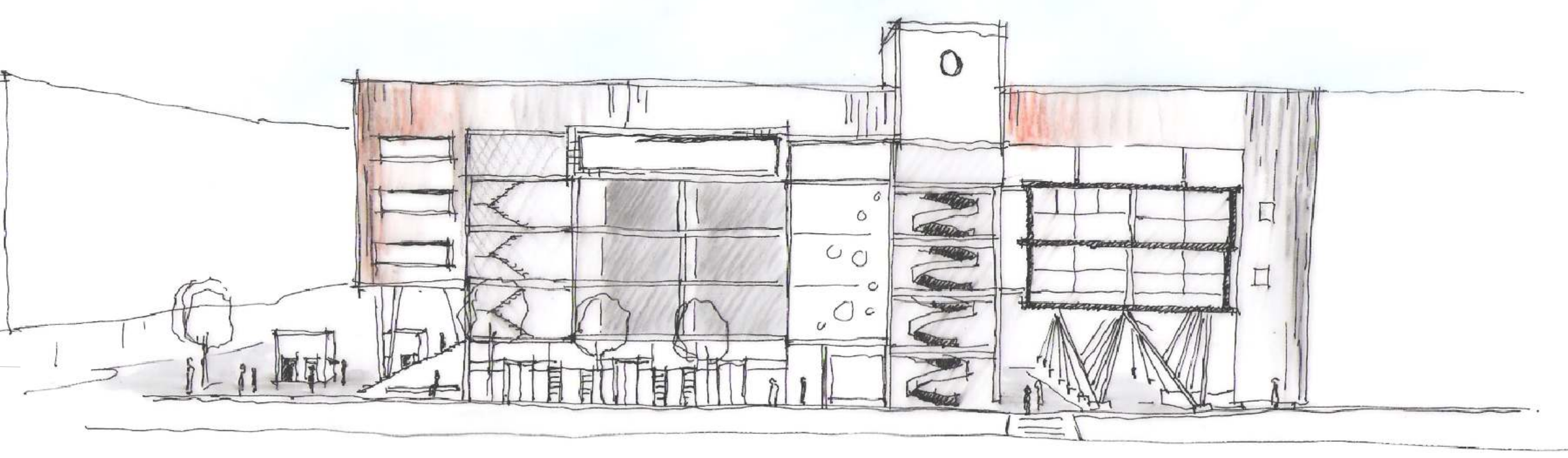
22



**SOUTH** elevation 1:100

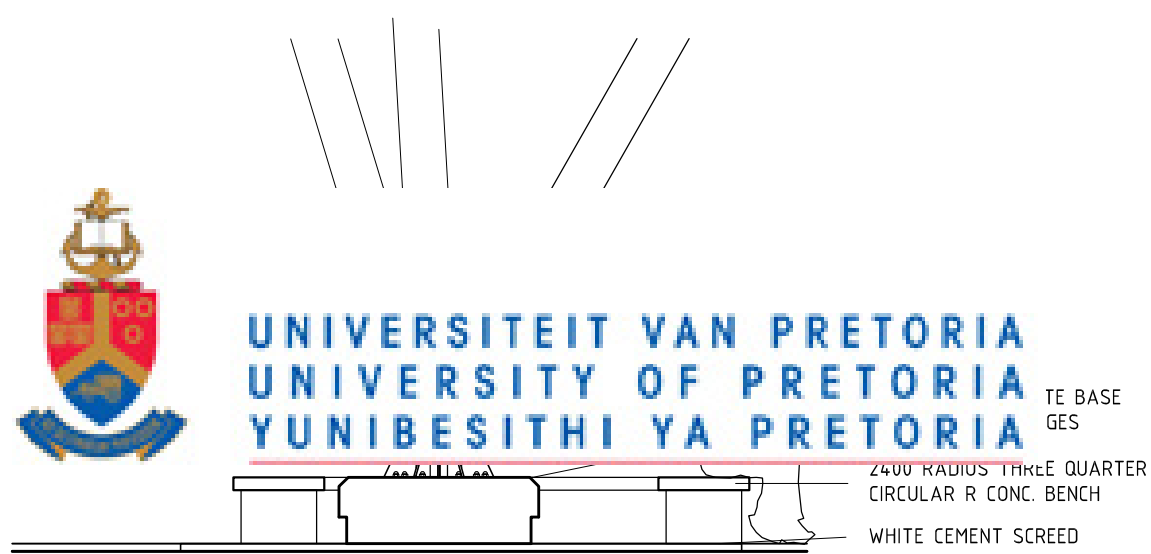


SITE MAP : View of south elevation



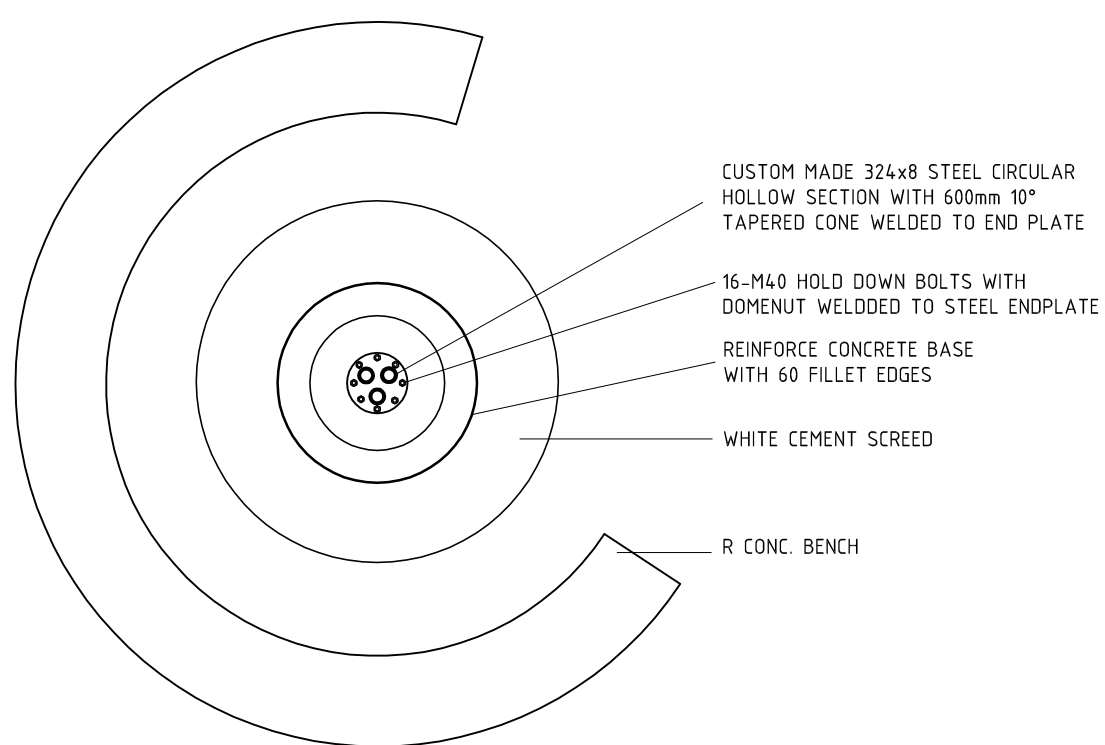
Concrete work:  
Use min 30MPa concrete. All columns and beams to have softboard lining in formwork to achieve attractive finish and eliminate blow-holes and imperfections. Min 30mm concrete cover over steel reinforcement in concrete columns and beams.

DETAIL : Reinforced concrete structure of rigid box



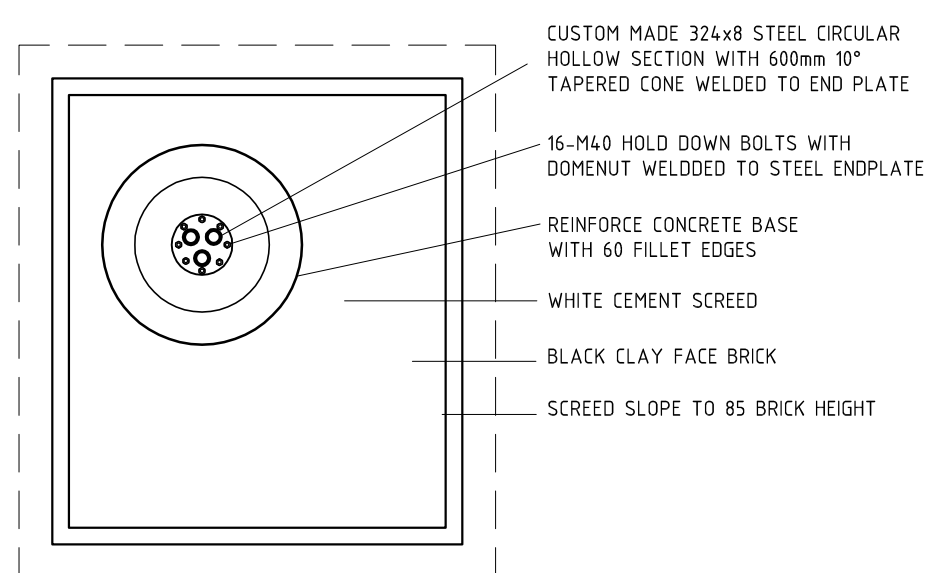
**DETAIL : Elevation of column footing, type A**

1: 50



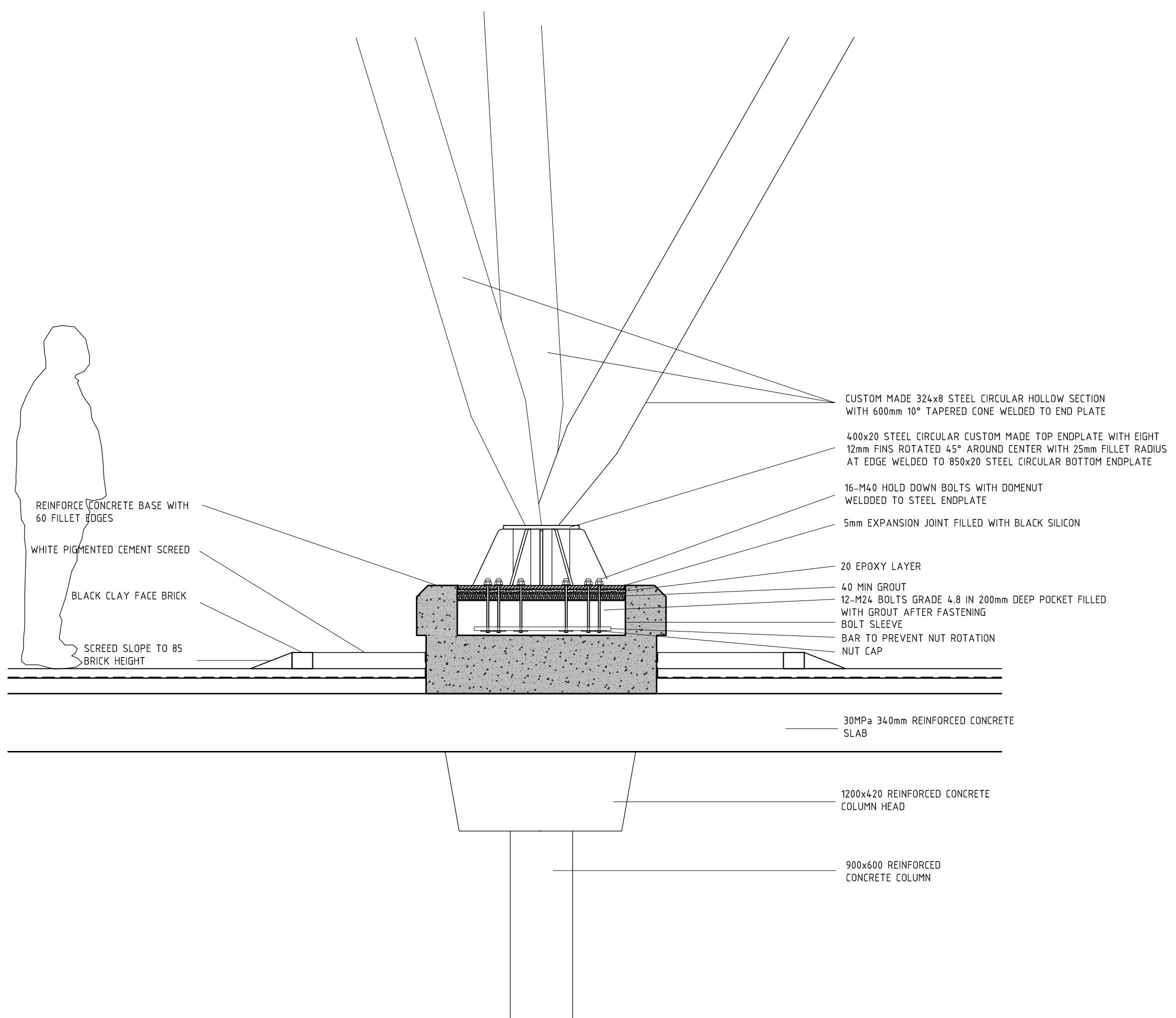
**DETAIL : Plan of column footing, type A**

1: 50



**DETAIL : Plan of column footing, type B**

1: 50



**DETAIL B4 : Section of column footing, type B**

1: 20