



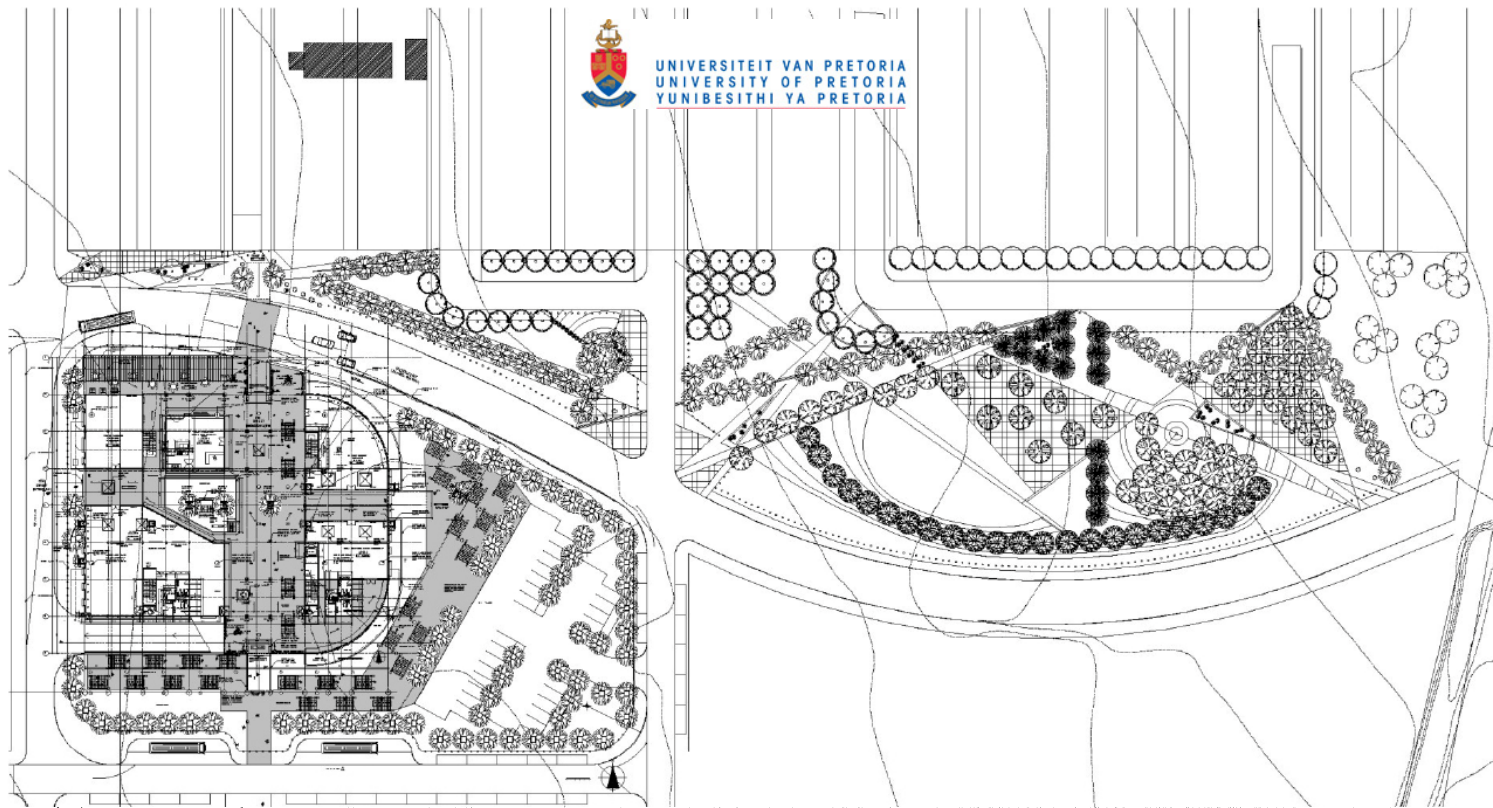
Technical Report

*Roland Barthes: "I think the car today are almost the exact equivalent of the great Gothic cathedrals: I mean the supreme creation of an era, conceived with passion by unknown artists, and consumed in image if not in usage by a whole population which appropriates them as a magical object."  
(Groak, 1996:137)*

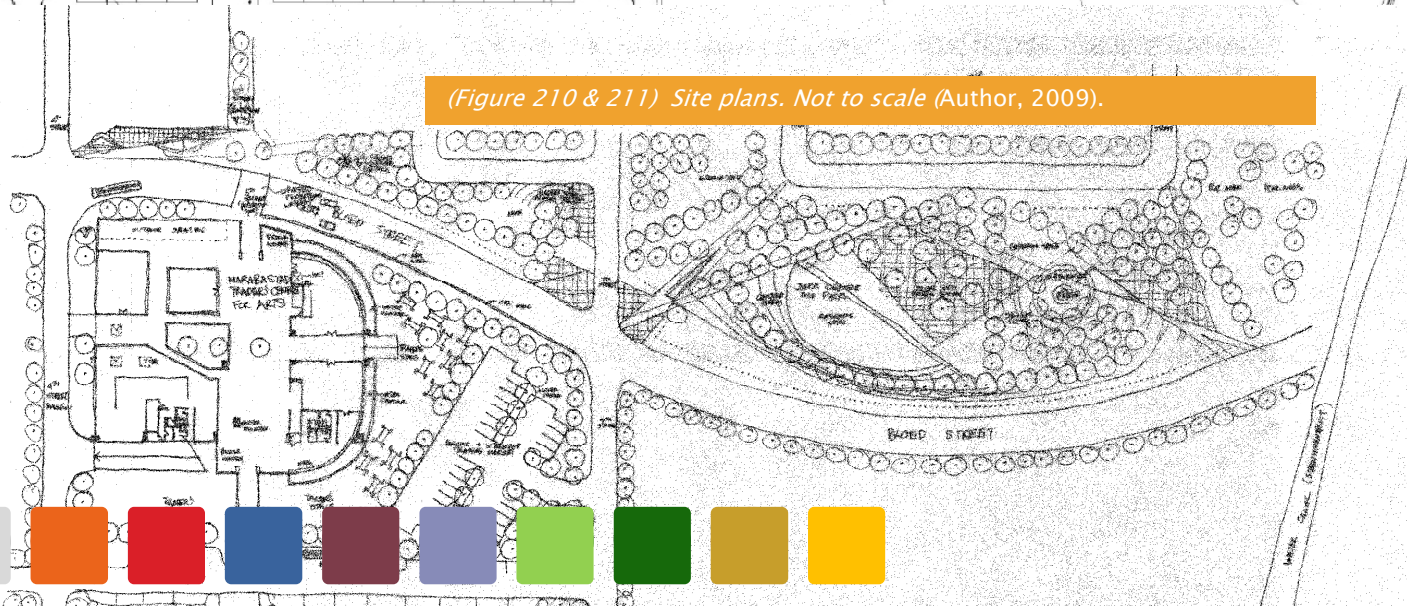


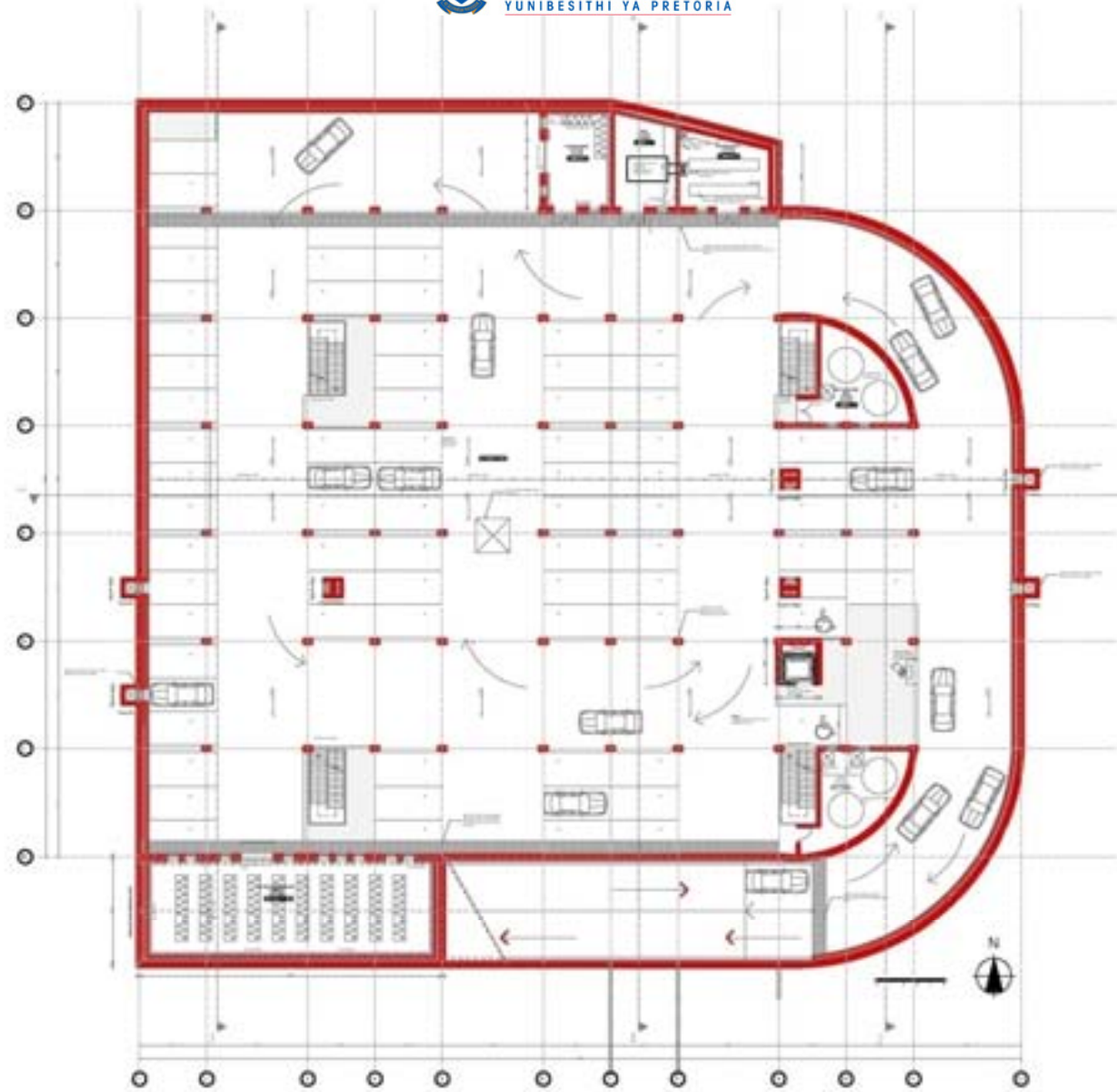


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(Figure 210 & 211) Site plans. Not to scale (Author, 2009).

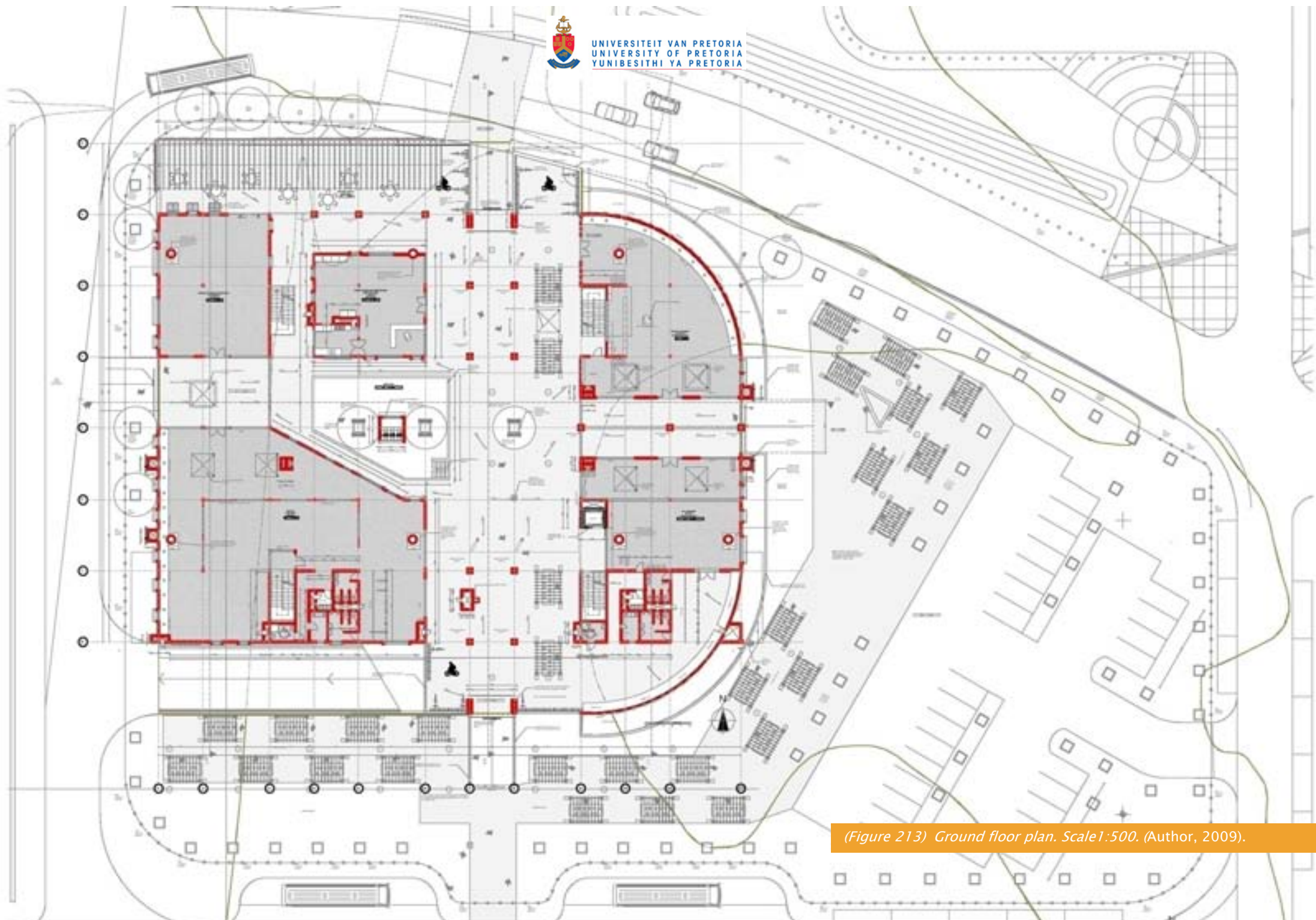




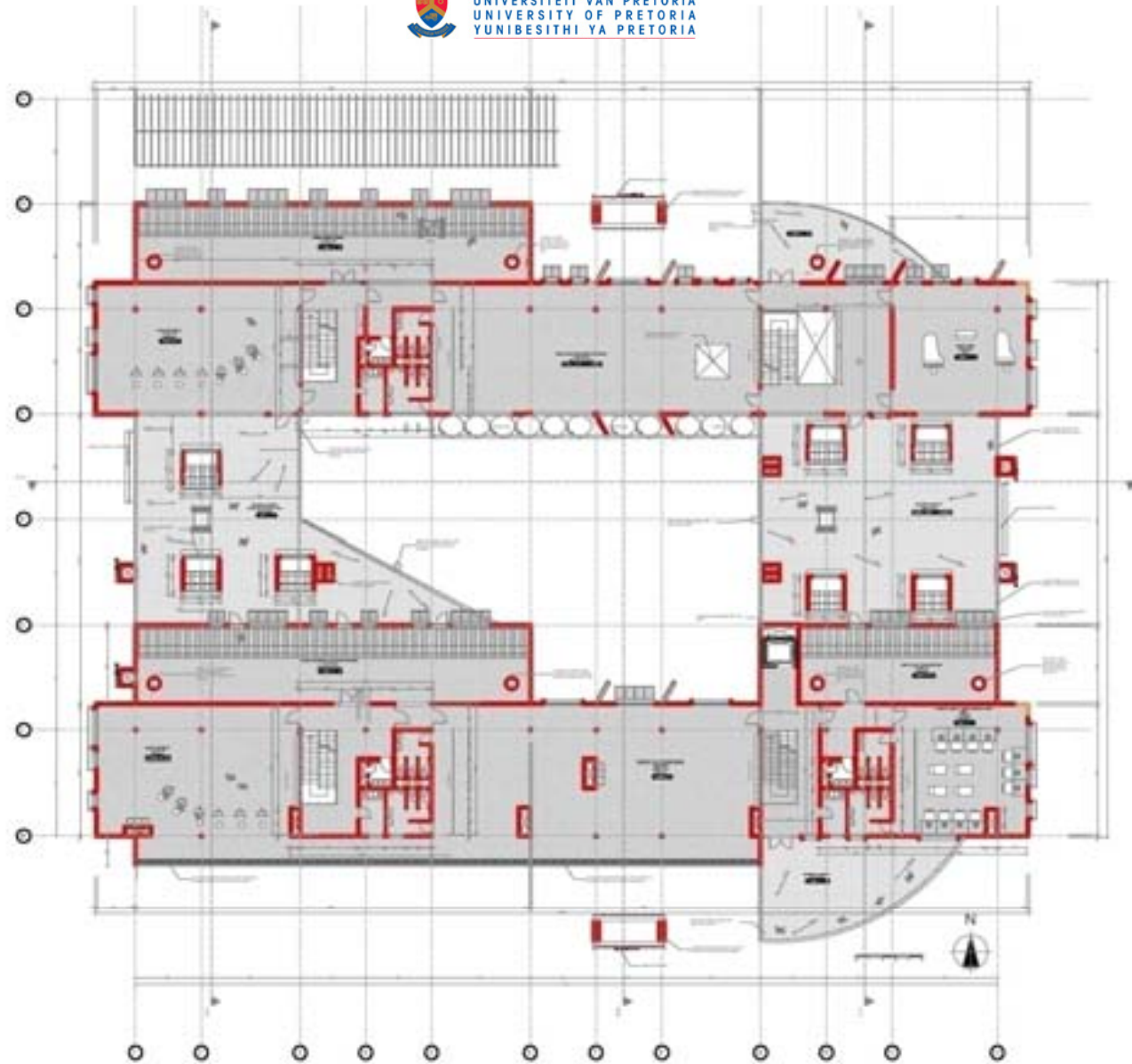
(Figure 212) Basement floor plan. Scale 1:500. (Author, 2009).



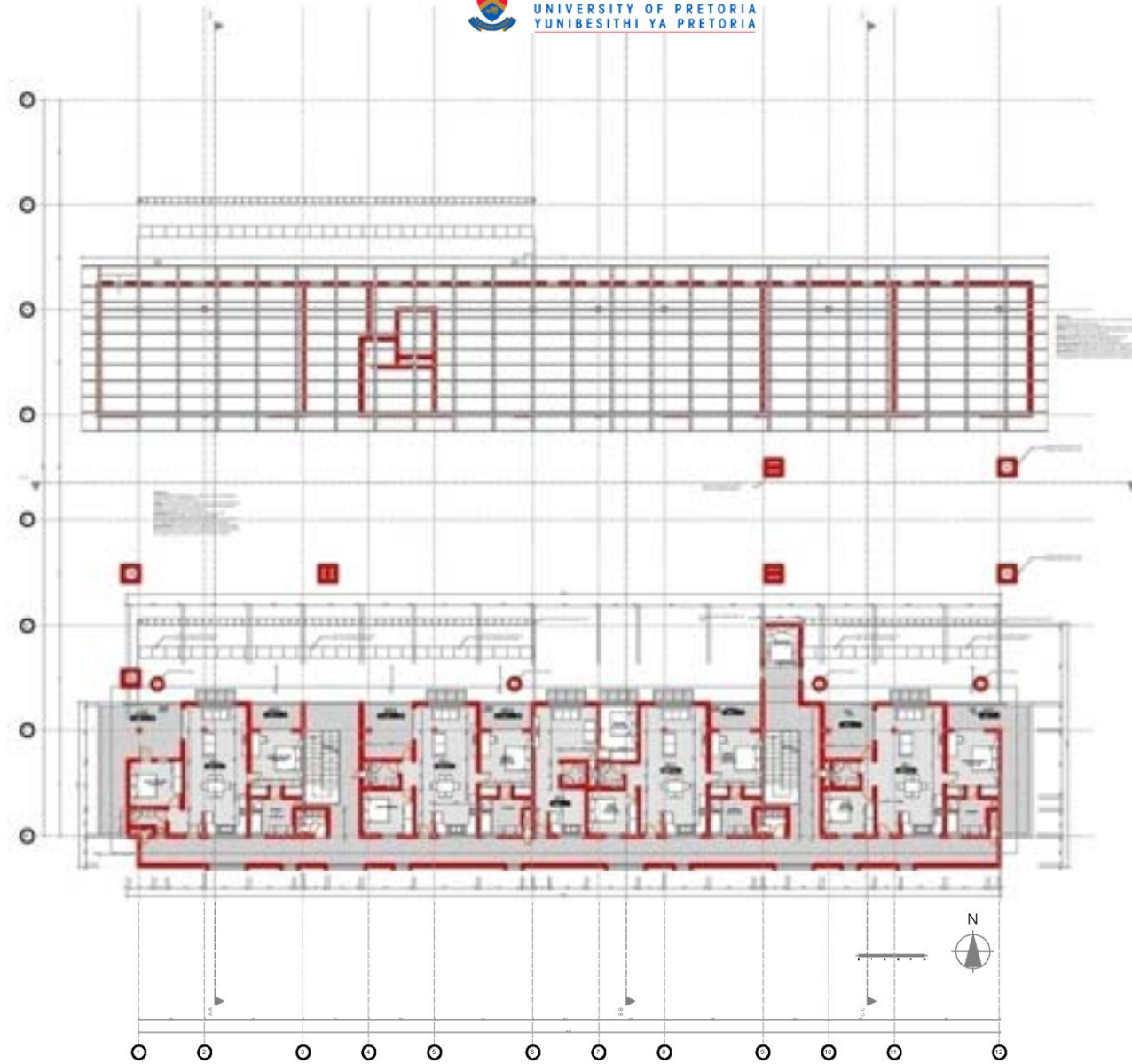
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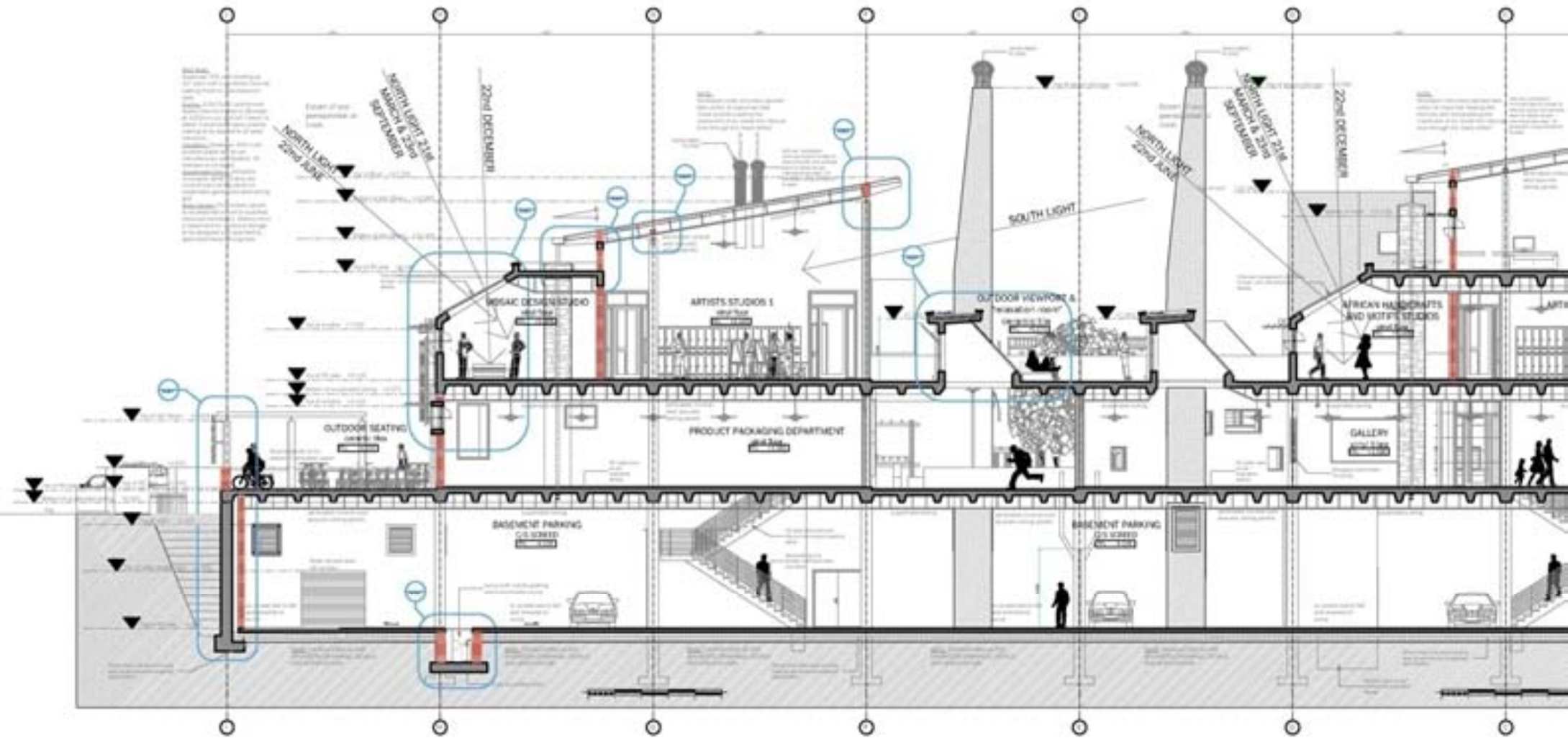
(Figure 213) Ground floor plan. Scale 1:500. (Author, 2009).



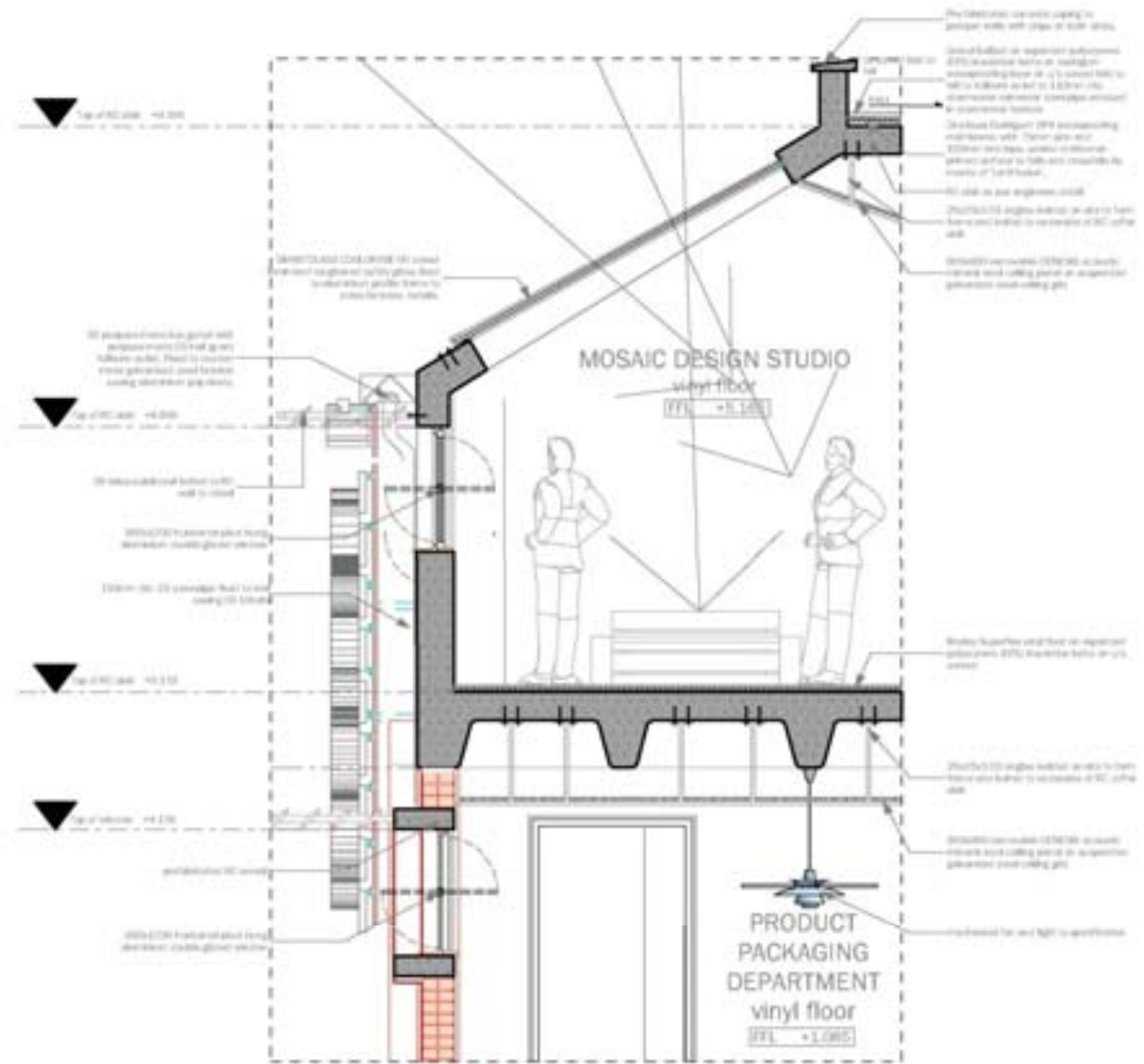
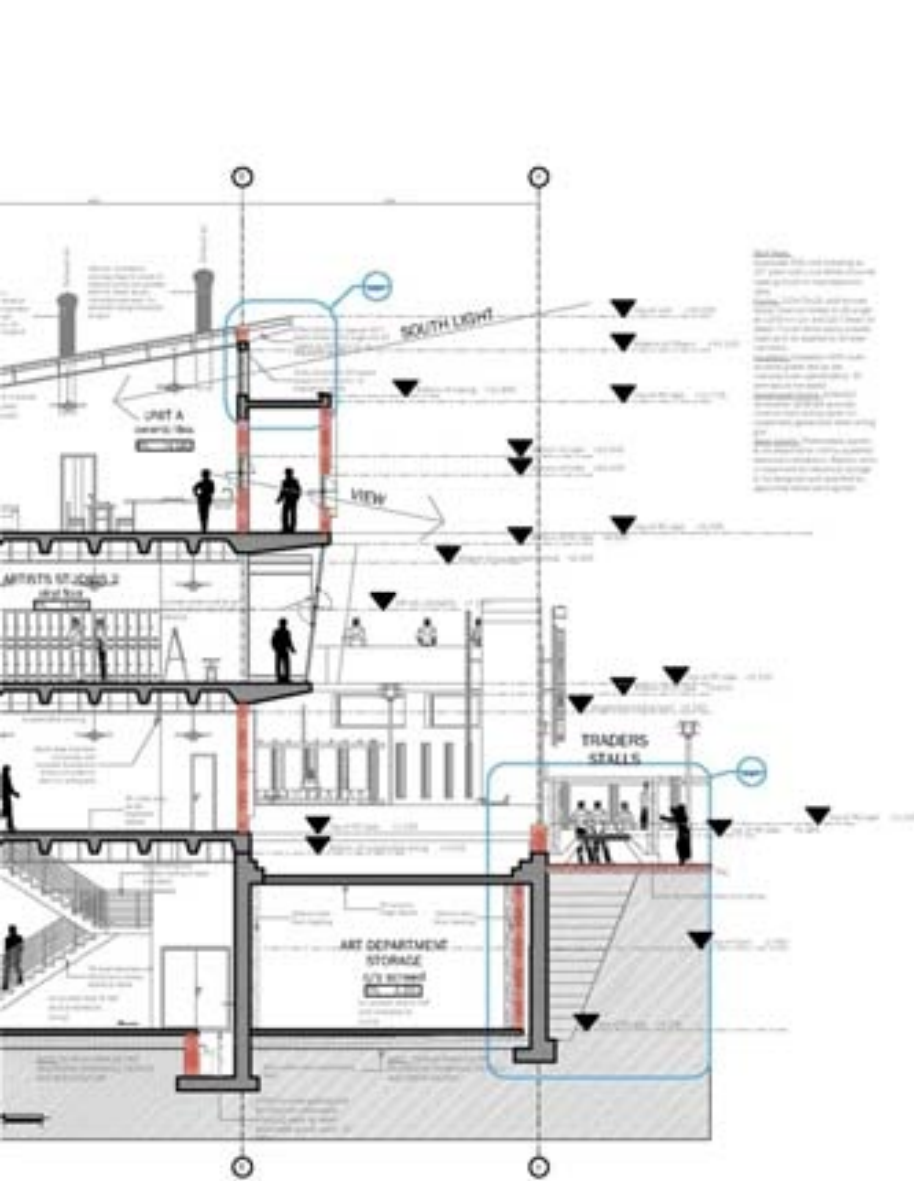
(Figure 214) First floor plan. Scale 1:500. (Author, 2009).



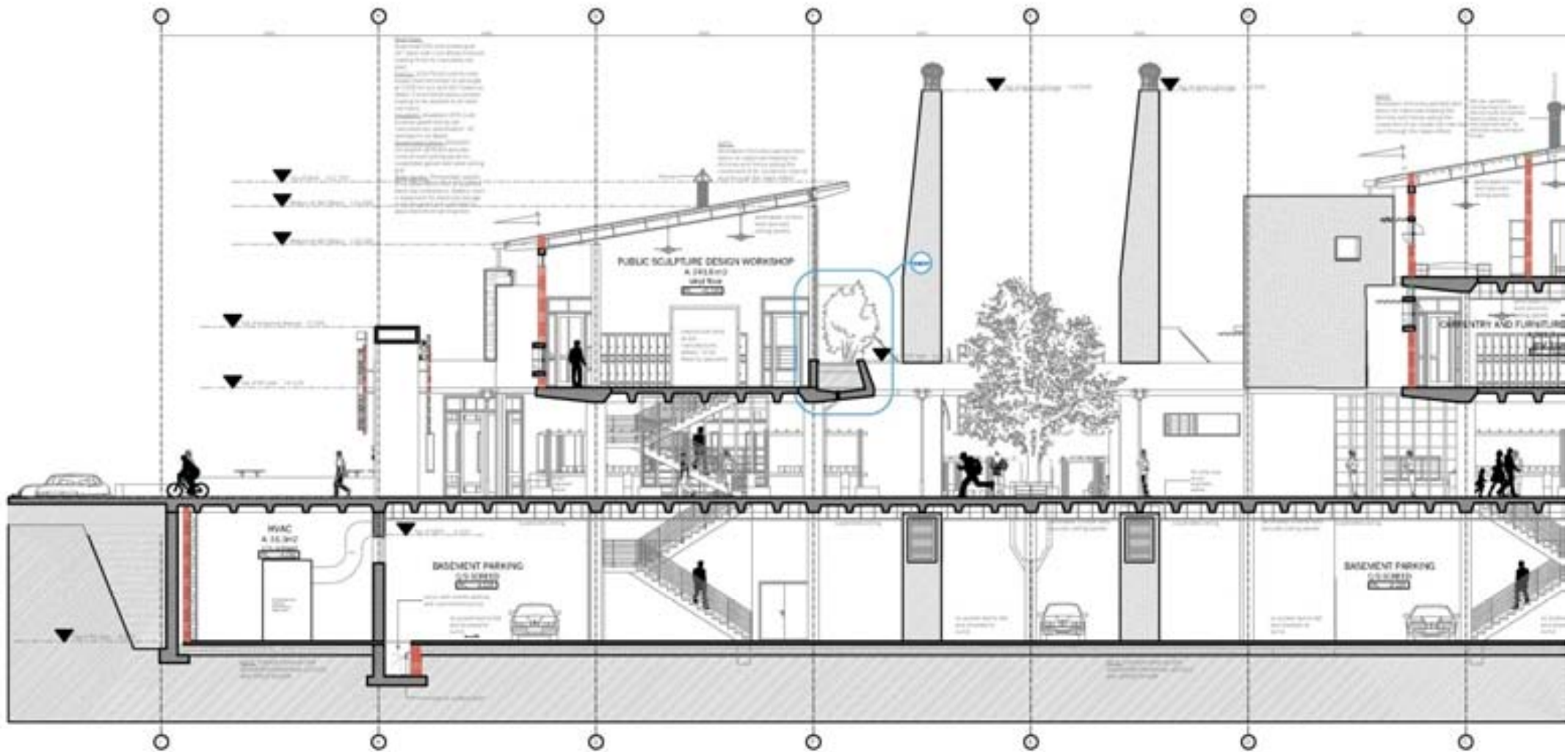
(Figure 215) Second floor plan. Scale 1:500. (Author, 2009).



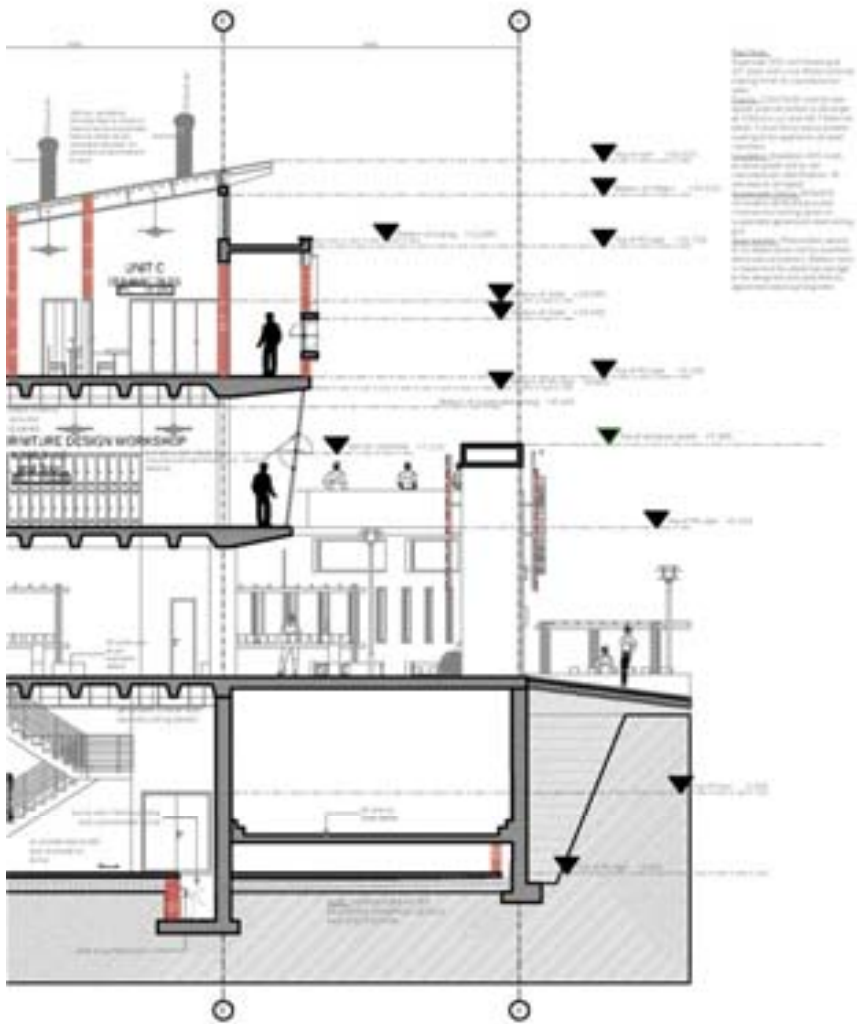
(Figure 216) Section A-A. Scale 1:200. (Author, 2009).

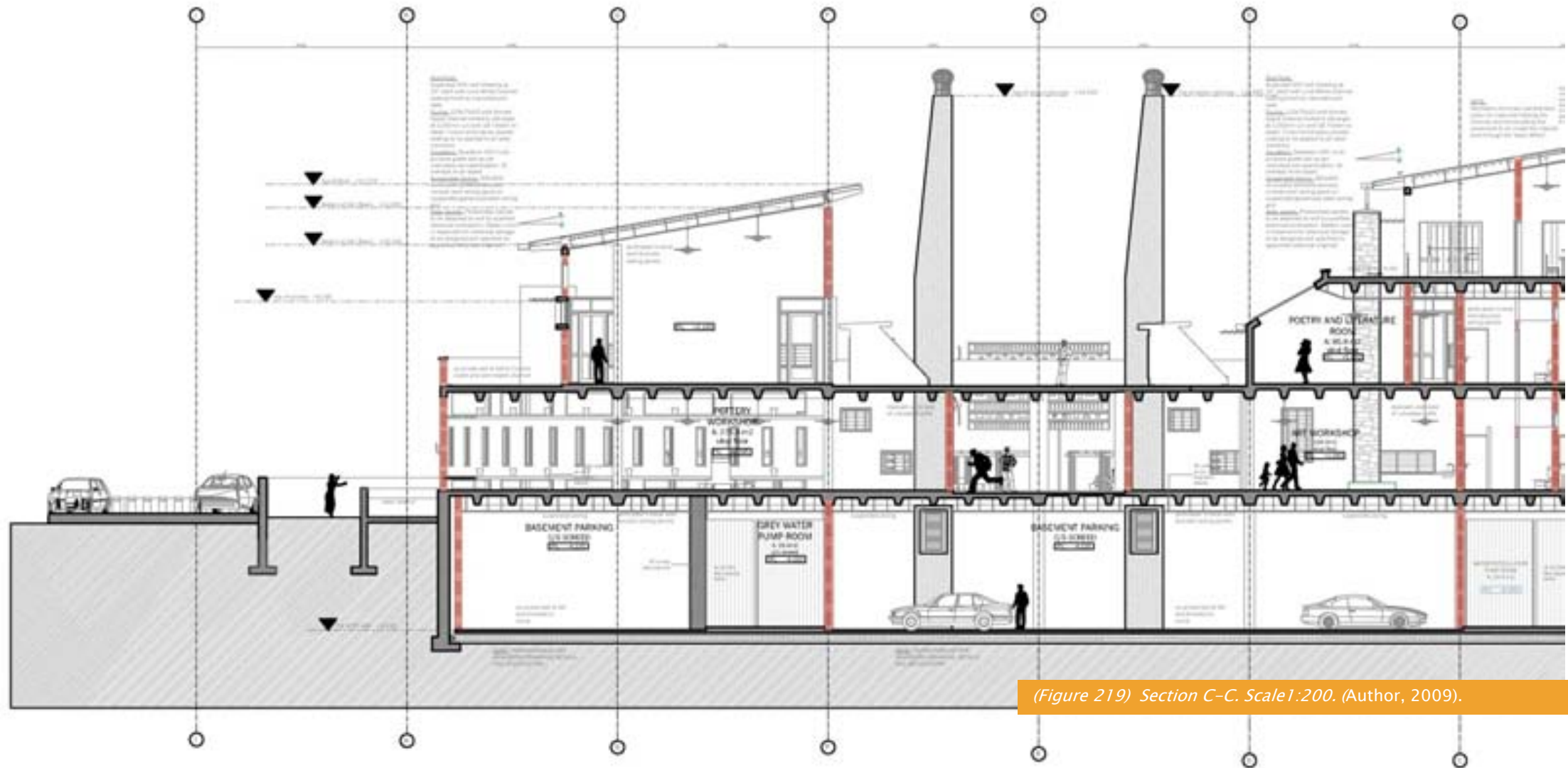


(Figure 217) Detail 1. Scale 1:50. (Author, 2009).

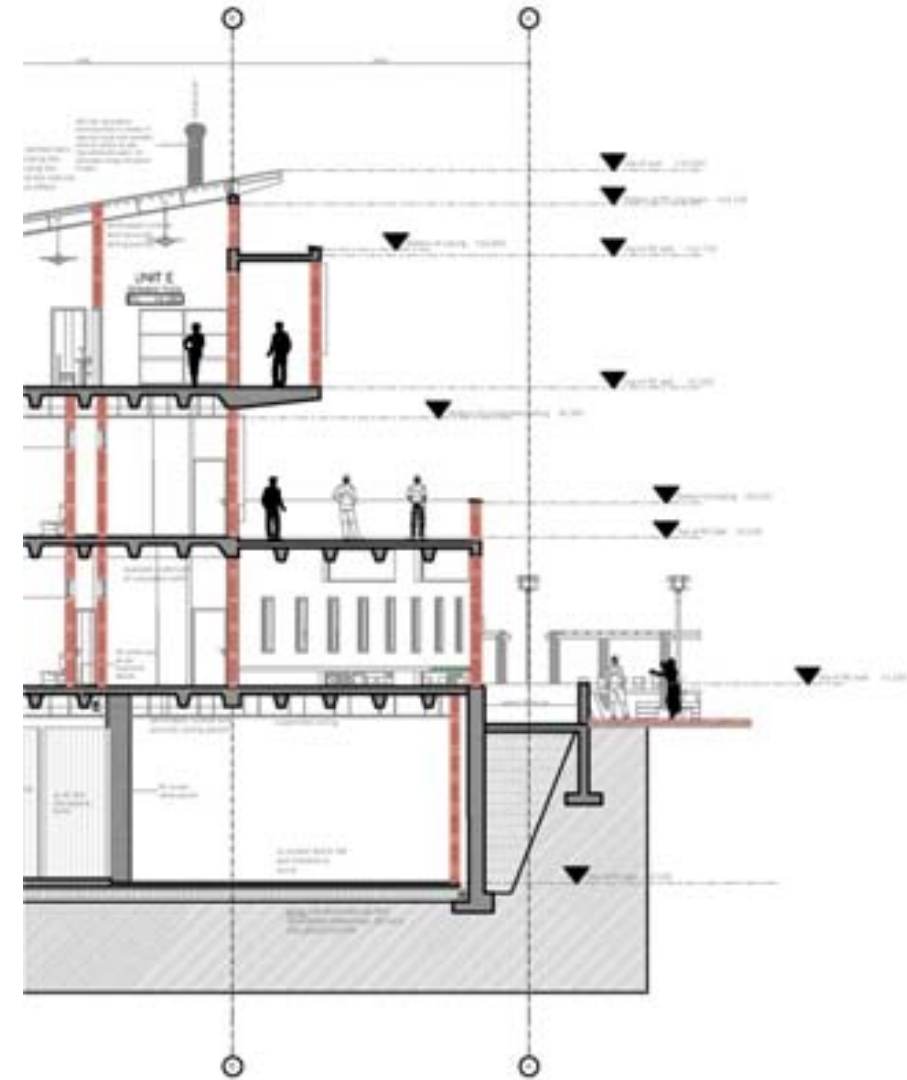


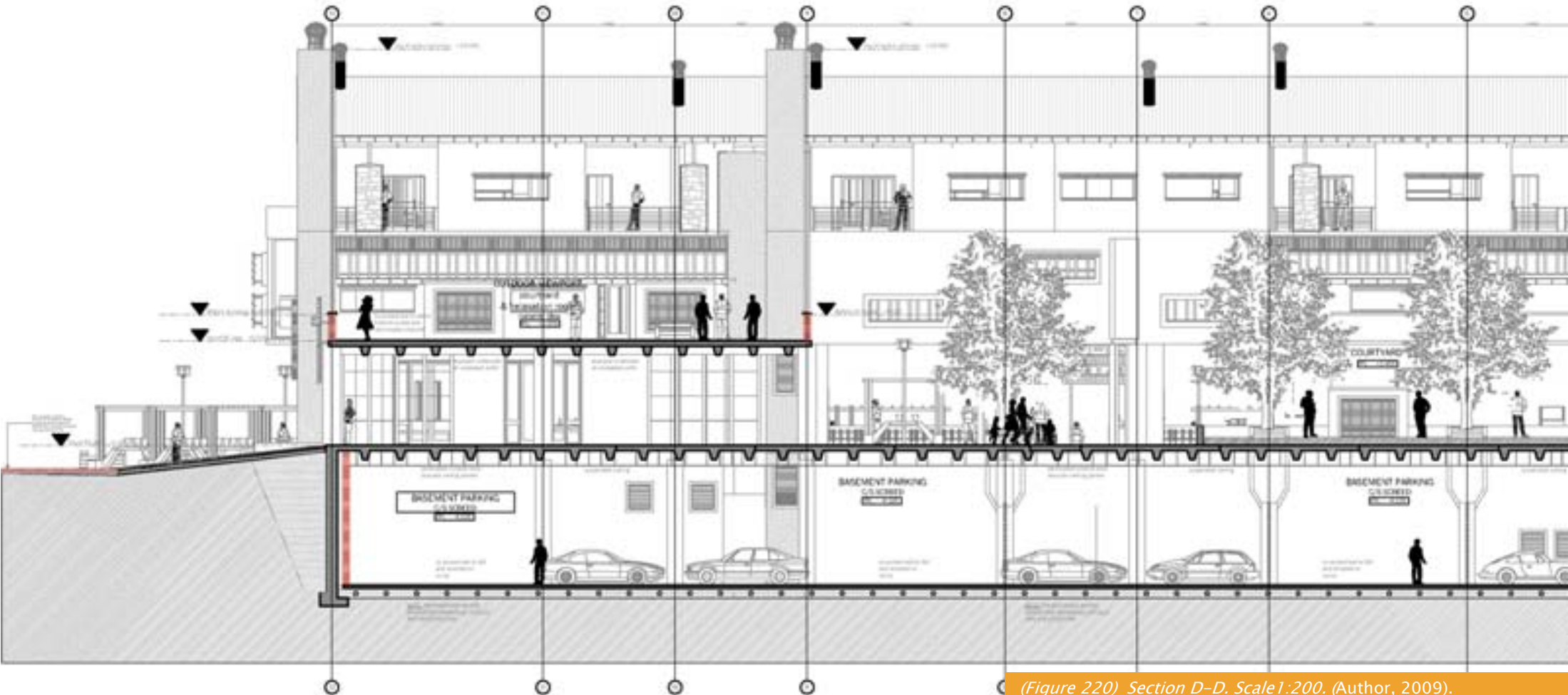
(Figure 218) Section B-B. Scale 1:200. (Author, 2009).



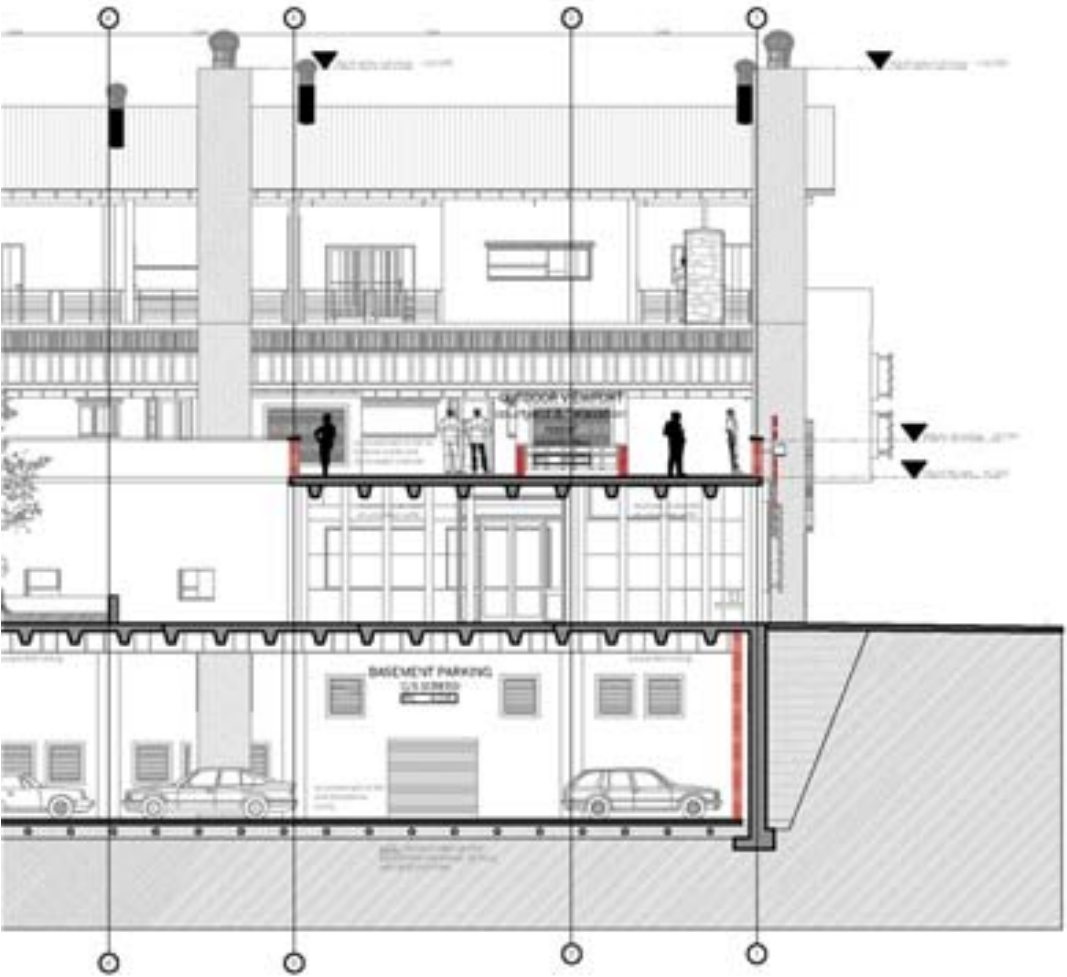


(Figure 219) Section C-C. Scale 1:200. (Author, 2009).

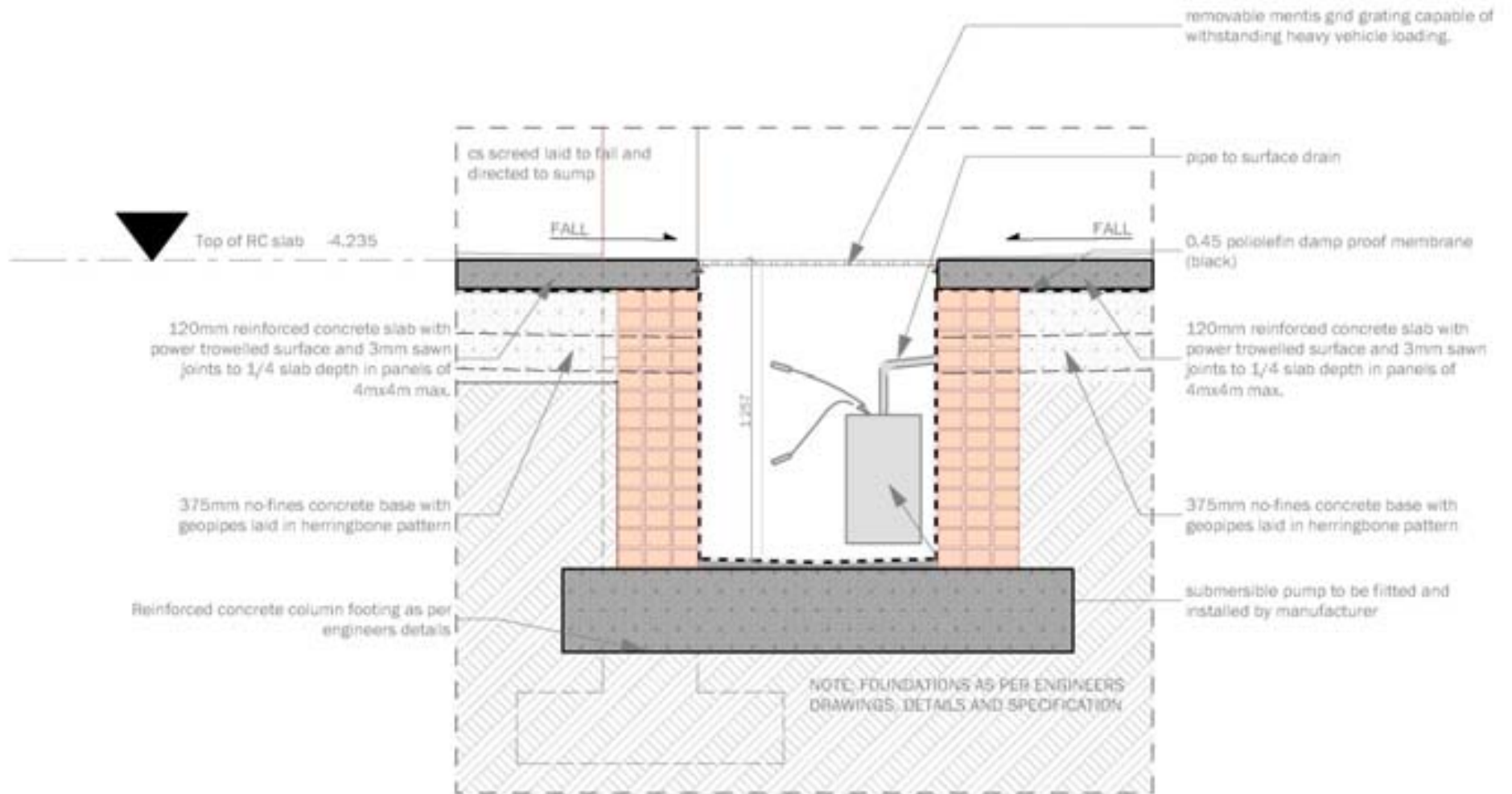




(Figure 220) Section D-D. Scale 1:200. (Author, 2009).







(Figure 222) Sump detail. Scale 1:25. (Author, 2009).

305x229x50mm tapered GS T-beam bolted to GS angle and RC ring beam at 3000mm c/c to engineers details. Fusion-bond epoxy powder coating to be applied.

125x75x20 cold formed lipped channel bolted to GS angle and GS T-beam at 1200mm c/c. Fusion-bond epoxy powder coating to be applied.

GS purpose made box gutter with purpose made GS hail guard fullbore outlet. Fixed to custom made galvanised steel bracket using aluminium pop rivets.

1000mm dia. RC stormwater feature clad with Durastone cobble stone as per manufactures details

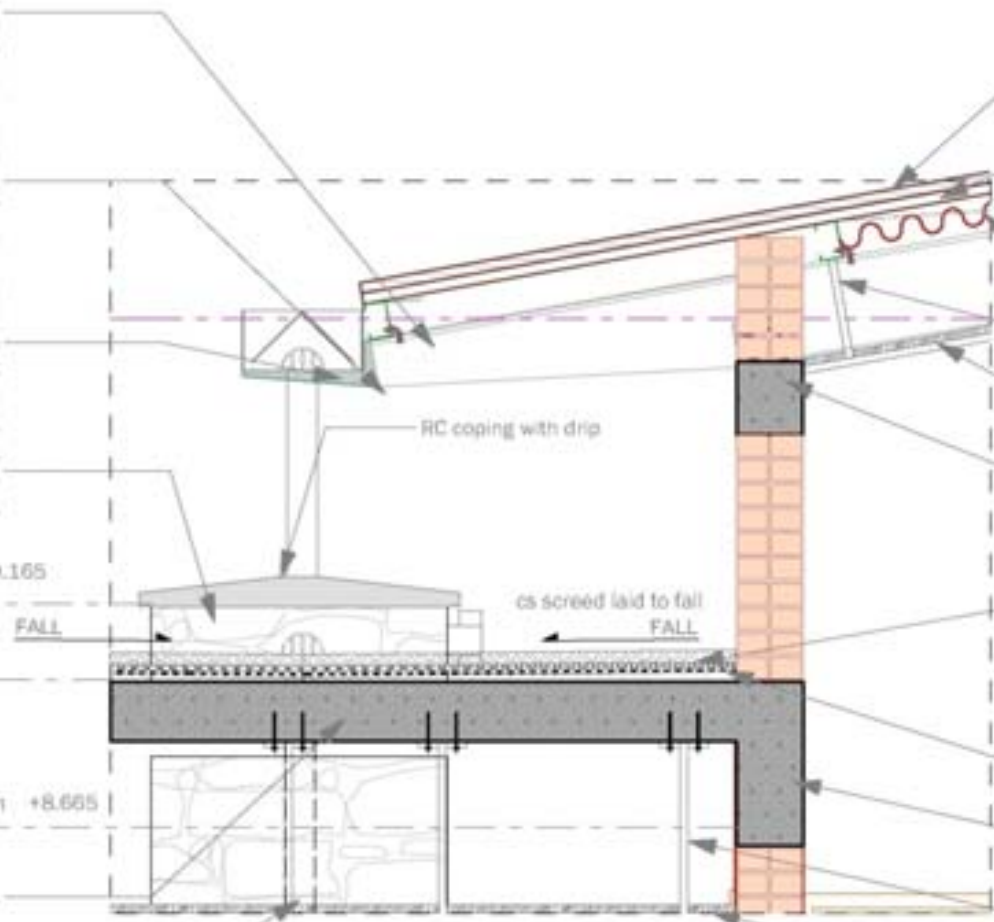
Top of Stormwater feature +9.165

Top of RC slab +9.165

Bottom of RC downstand beam +8.665

RC slab as per engineers details

100mm dia. uPVC downpipe encased inside stormwater feature



Solar photovoltaic panels to be installed by specialist on-site

Superseal 500 roof sheeting at 10° pitch with Lime White Colomet coating finish to manufactures' spec.

Sisalation RSA 405 multi-purpose reinforced aluminium reflective foil laminate

25x25x3 GS angles welded on-site to form frame and welded to underside of galvanized steel T beam

600x600 removable GENESIS mineral wool acoustic ceiling panel on suspended galvanized steel ceiling grid

RC ring beam as per engineers details

Gravel ballast on expanded polystyrene (EPS) insulation batts on derbigum waterproofing layer on c/s screed laid to fall to fullbore outlet to 110mm dia. stormwater rainwater downpipe encased in stormwater feature.

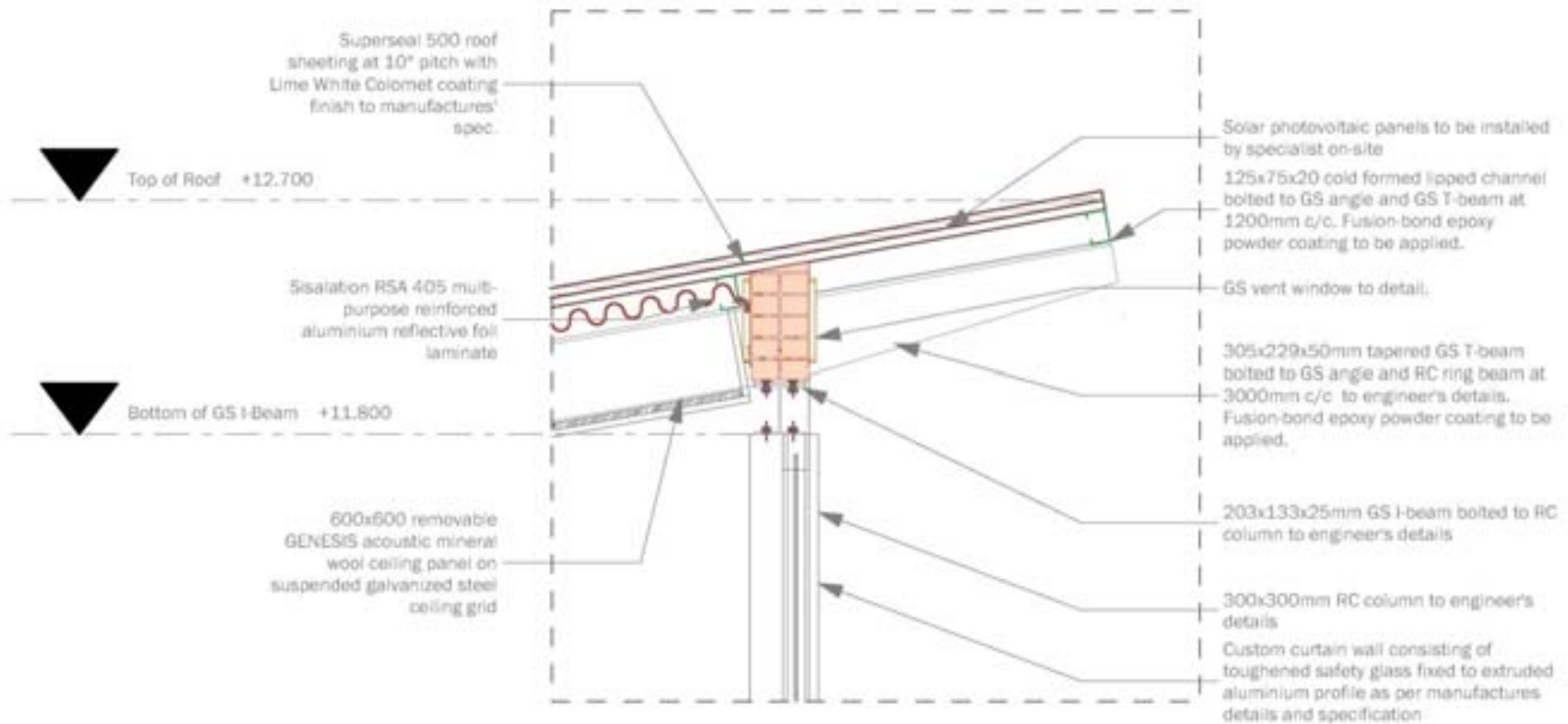
One layer Derbigum SP4 waterproofing membrane, with 75mm side and 100mm end laps; sealed to bitumen primed surface to falls and crossfalls by means of 'torchfusion'.

RC downstand beam and slab as per engineers details

25x25x3 GS angles welded on-site to form frame and bolted to underside of RC coffer slab

600x600 removable GENESIS acoustic mineral wool ceiling panel on suspended galvanized steel ceiling grid

(Figure 223) Roof detail. Scale 1:25. (Author, 2009).



(Figure 224) Roof detail. Scale 1:25. (Author, 2009).



Pre-fabricated concrete coping to parapet walls with drips on both sides.

Pre-fabricated concrete coping to parapet walls with drips on both sides.

c/s screed laid to fall

Drip

Top of RC slab +7.400

Gravel ballast on expanded polystyrene (EPS) insulation batts on derbigum waterproofing layer on c/s screed laid to fall to fullbore outlet

Toughened safety glass fitted into aluminium skylight profile as per manufactures details, to be fitted by specialist.

Drip

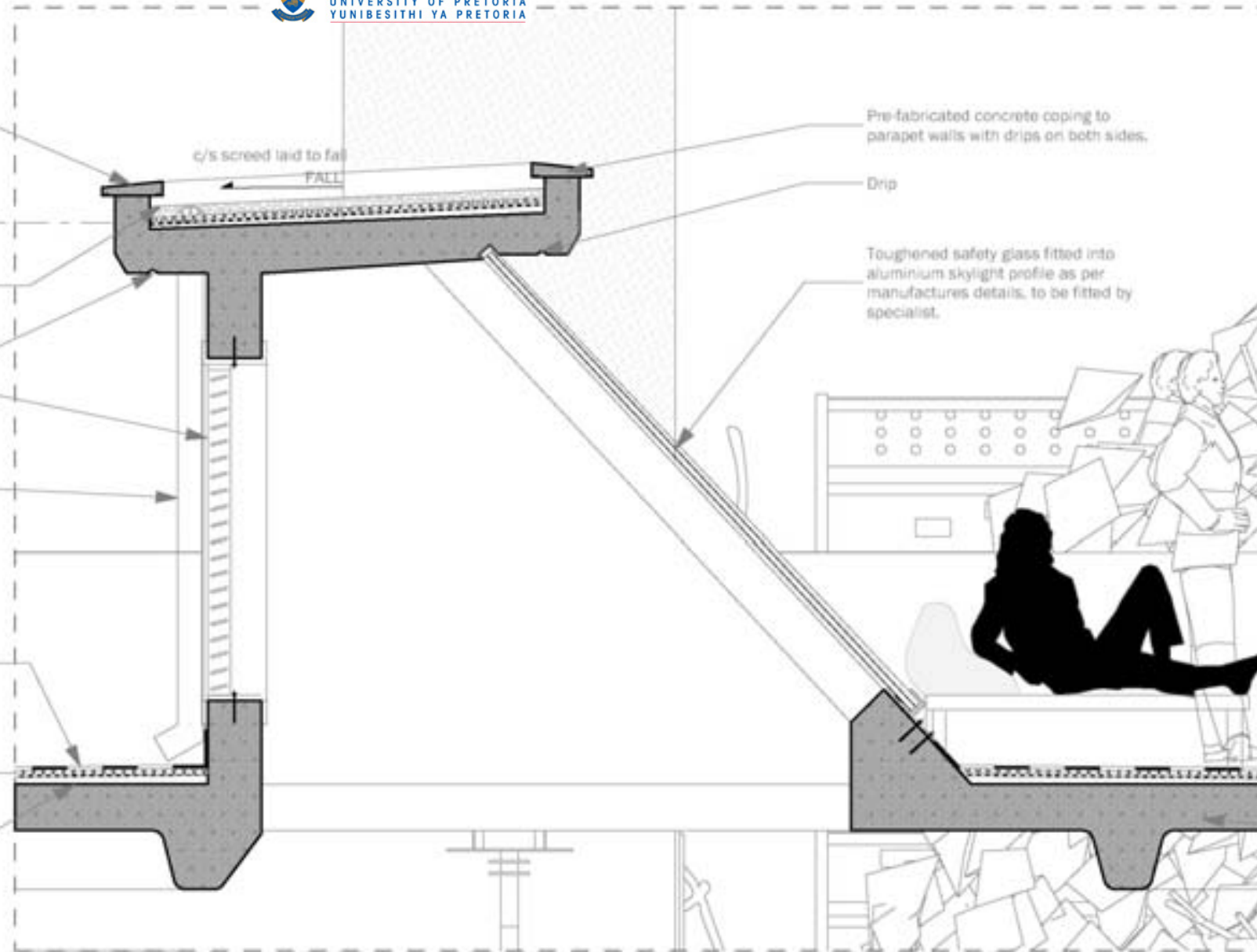
GS vent window

110mm dia uPVC rain water down pipe

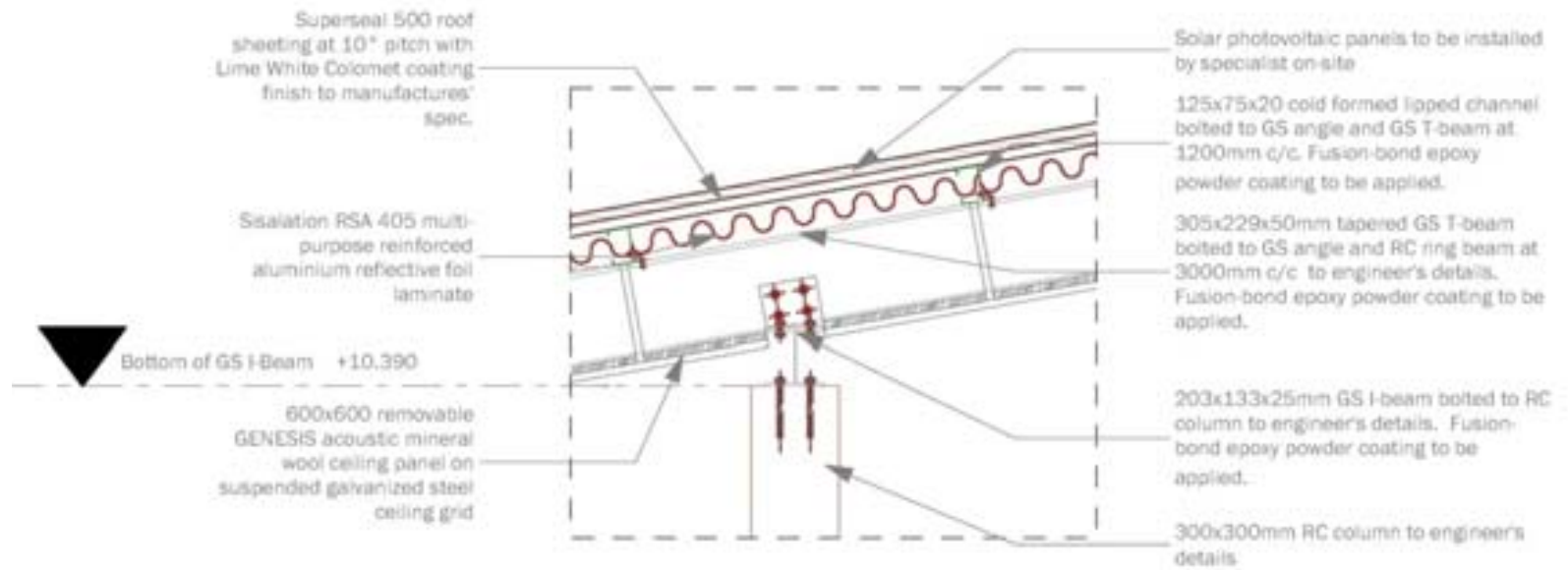
Ceramic tiles on expanded polystyrene (EPS) insulation batts on derbigum waterproofing layer on c/s screed laid to fall to fullbore outlet

Top of RC slab +5.030

One layer Derbigum SP4 waterproofing membrane, with 75mm side and 100mm end laps, sealed to bitumen primed surface to falls and crossfalls by means of 'torchfusion'.



(Figure 225) Skylight detail. Scale 1:25. (Author, 2009).

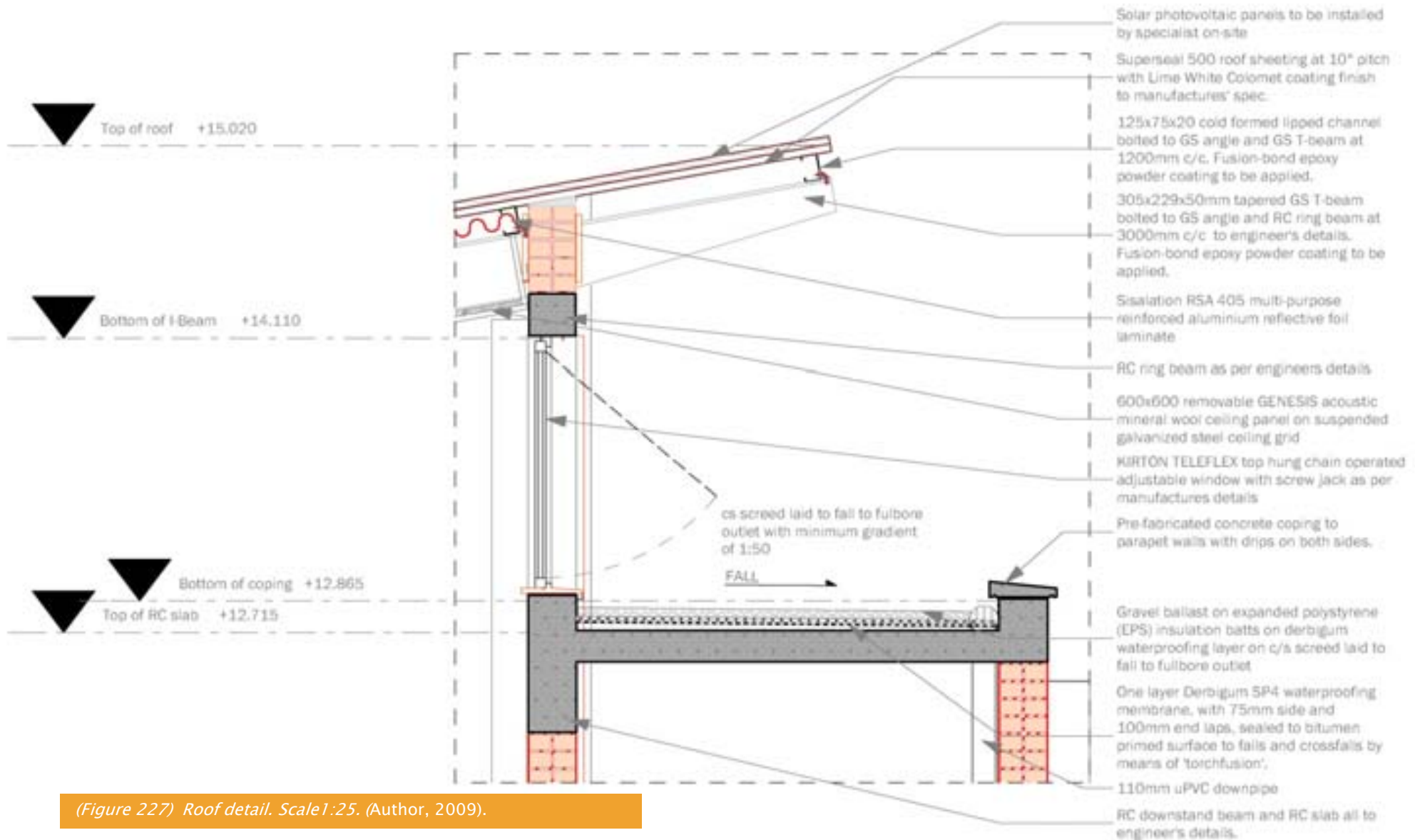


Ceramic tiles on expanded polystyrene (EPS) insulation batts on derbigum waterproofing layer on c/s screed laid to fall to full bore outlet

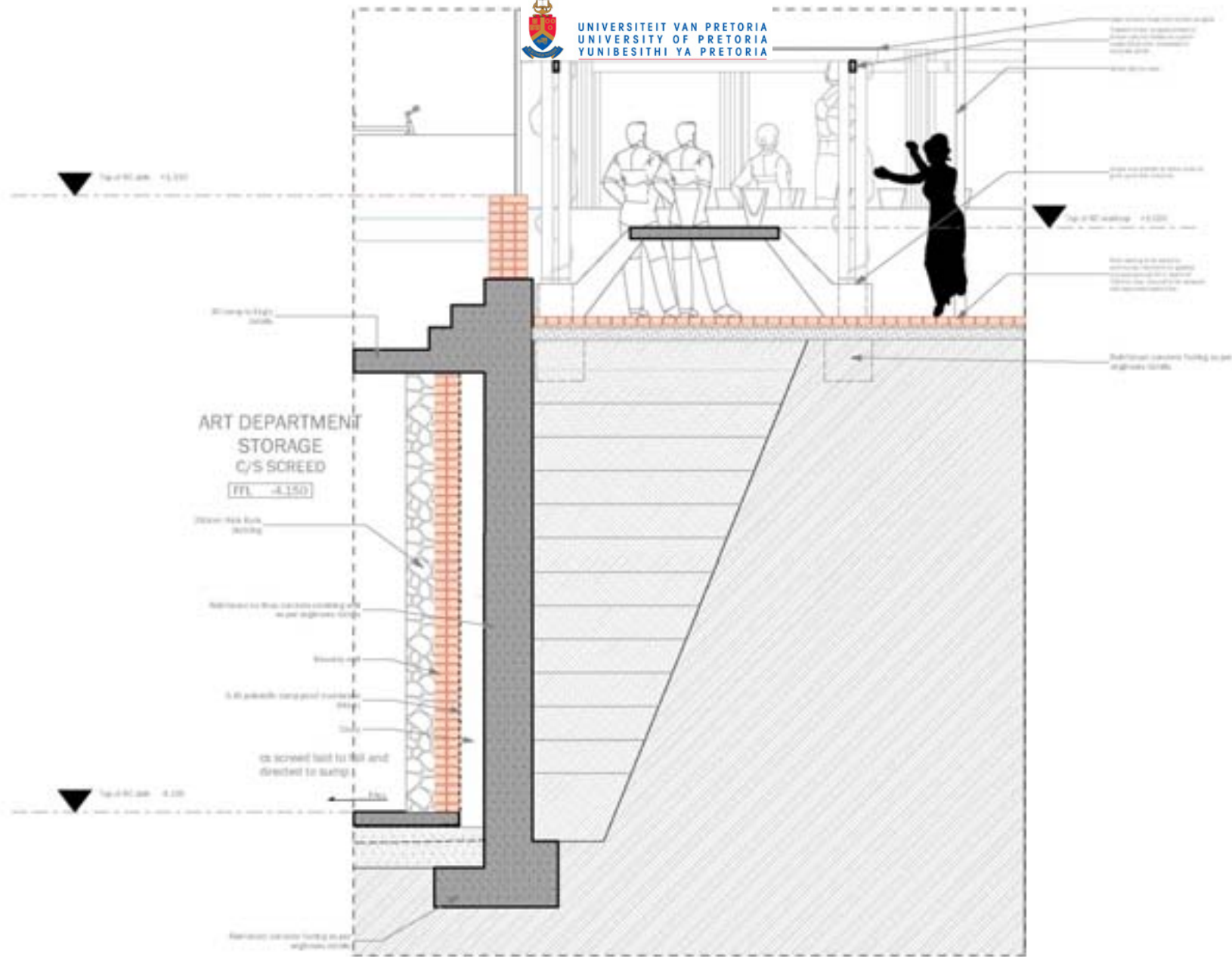
One layer Derbigum SP4 waterproofing membrane, with 75mm side and 100mm end laps, sealed to bitumen primed surface to falls and crossfalls by means of 'torchfusion'.

RC coffer slab as per engineers details

(Figure 226) Roof detail. Scale 1:25. (Author, 2009).



(Figure 227) Roof detail. Scale 1:25. (Author, 2009).



(Figure 228) Basement tanking detail. Scale 1:50. (Author, 2009).



# ARTISTS STUDIOS 1

vinyl floor

FFL +5.165

Custom curtain wall consisting of toughened safety glass fixed to extruded aluminium profile as per manufactures details and specification

▼ Top of RC wall +6.115

Marley Superflex vinyl floor on expanded polystyrene (EPS) insulation batts on c/s screed

▼ Top of RC slab +5.115

Bidim geotextile membrane on 12mm thick timber board protection layer on Derbigum waterproofing membrane on reinforced concrete planter to Eng's details

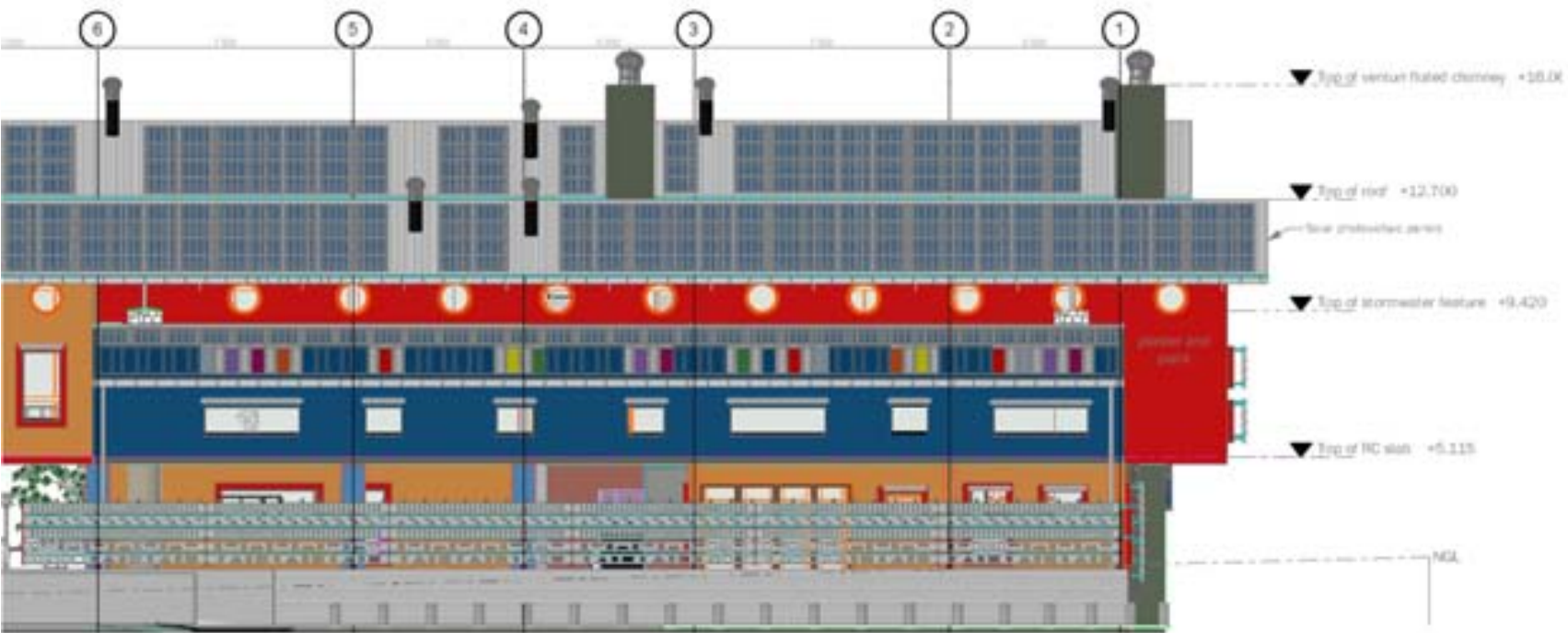
10mm-25mm thick stone pebbles on earth fill layer on gravel ballast on expanded polystyrene (EPS) insulation batts on derbigum waterproofing layer on c/s screed laid to fall to fullbore outlet to 110mm dia. stormwater rainwater 100mm uPVC downpipe

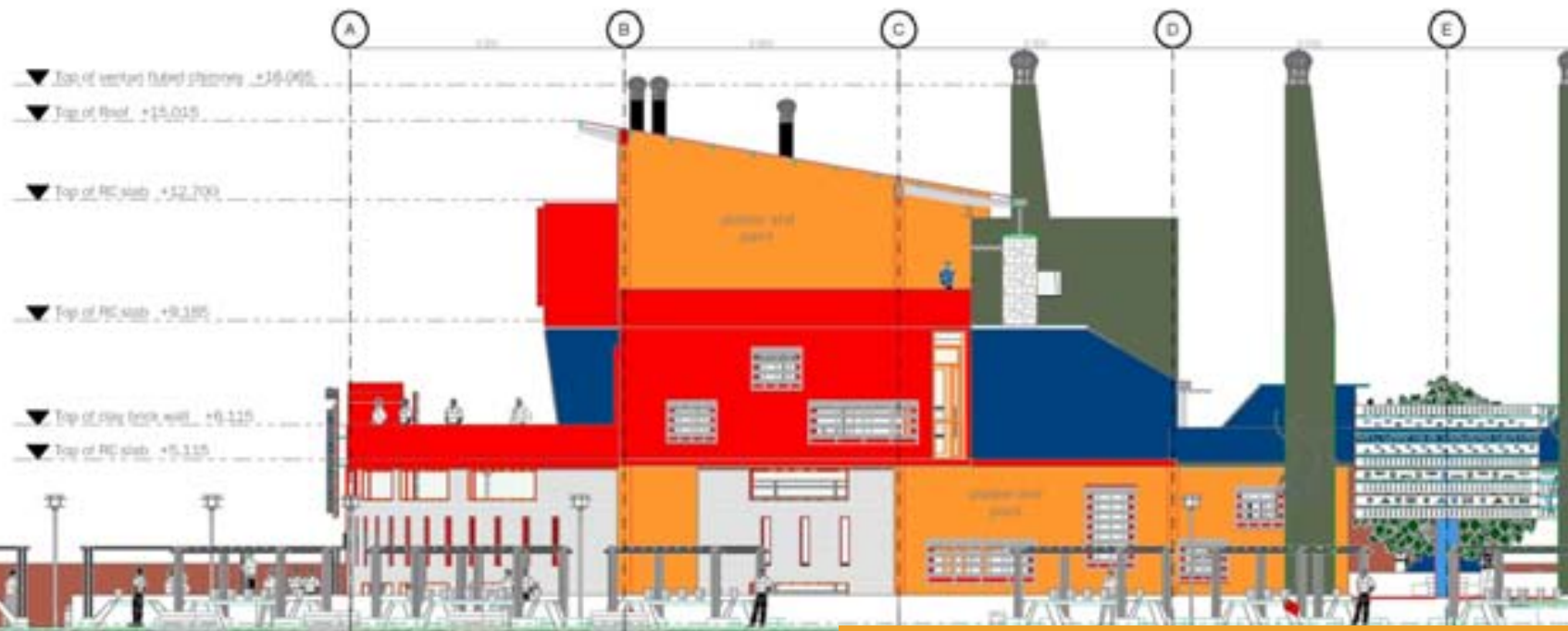
100mm dia. uPVC downpipe to stormwater drain

(Figure 229) Planter detail. Scale 1:25. (Author, 2009).



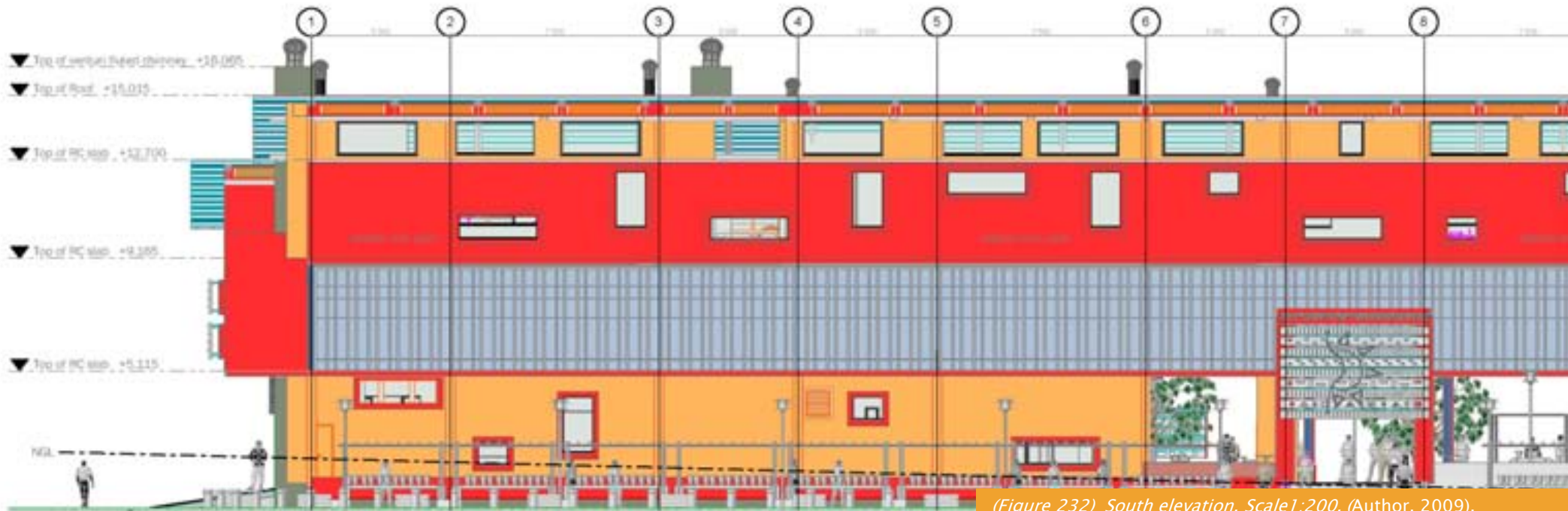
(Figure 230) North elevation. Scale 1:200. (Author, 2009).





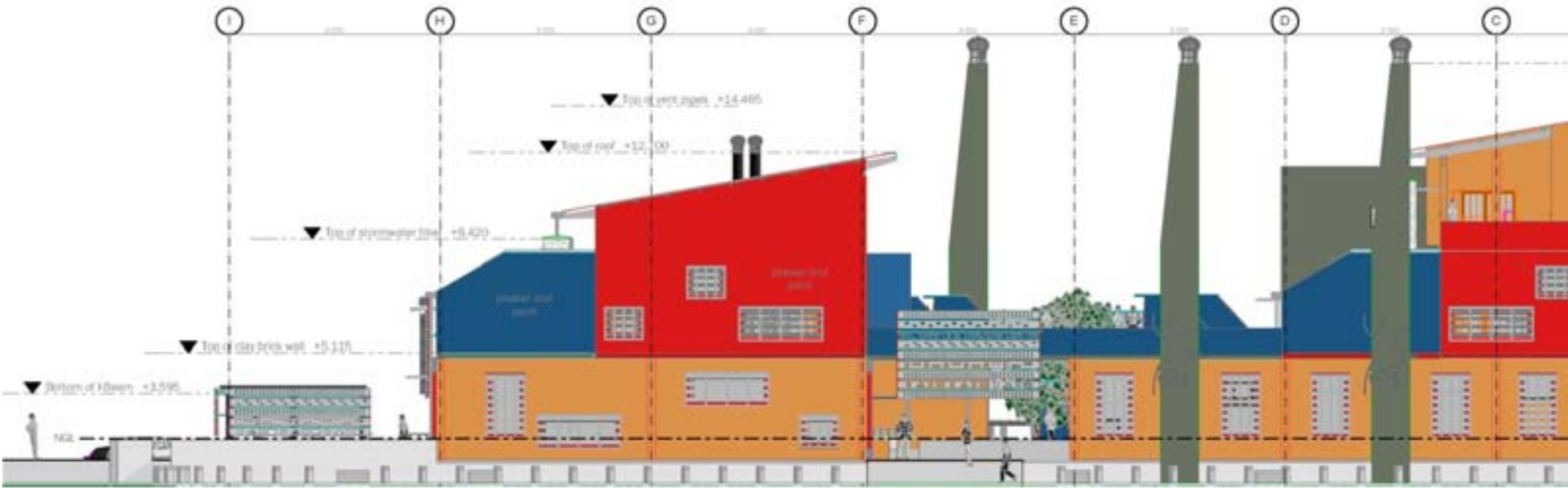
(Figure 231) East elevation. Scale 1:200. (Author, 2009).



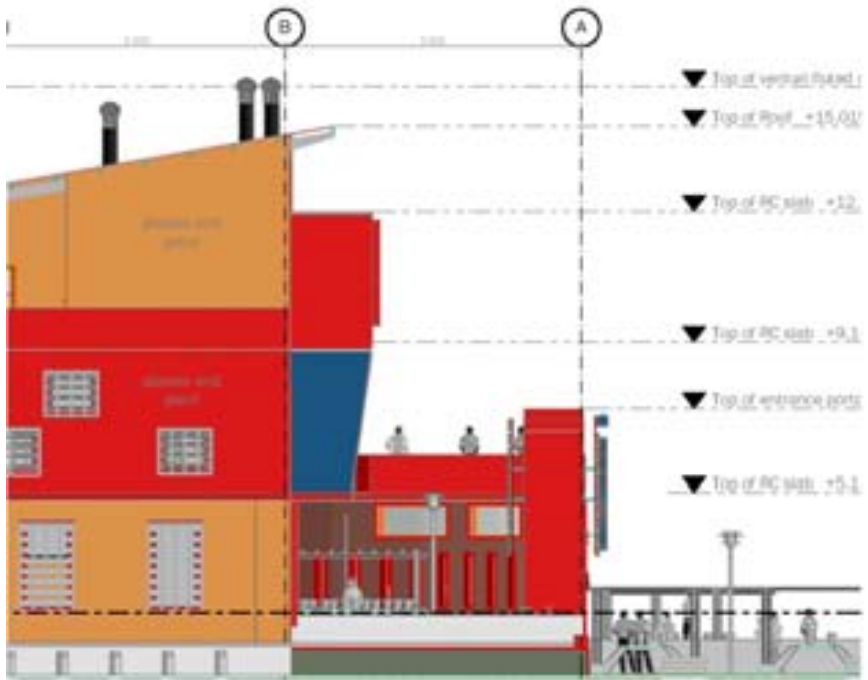


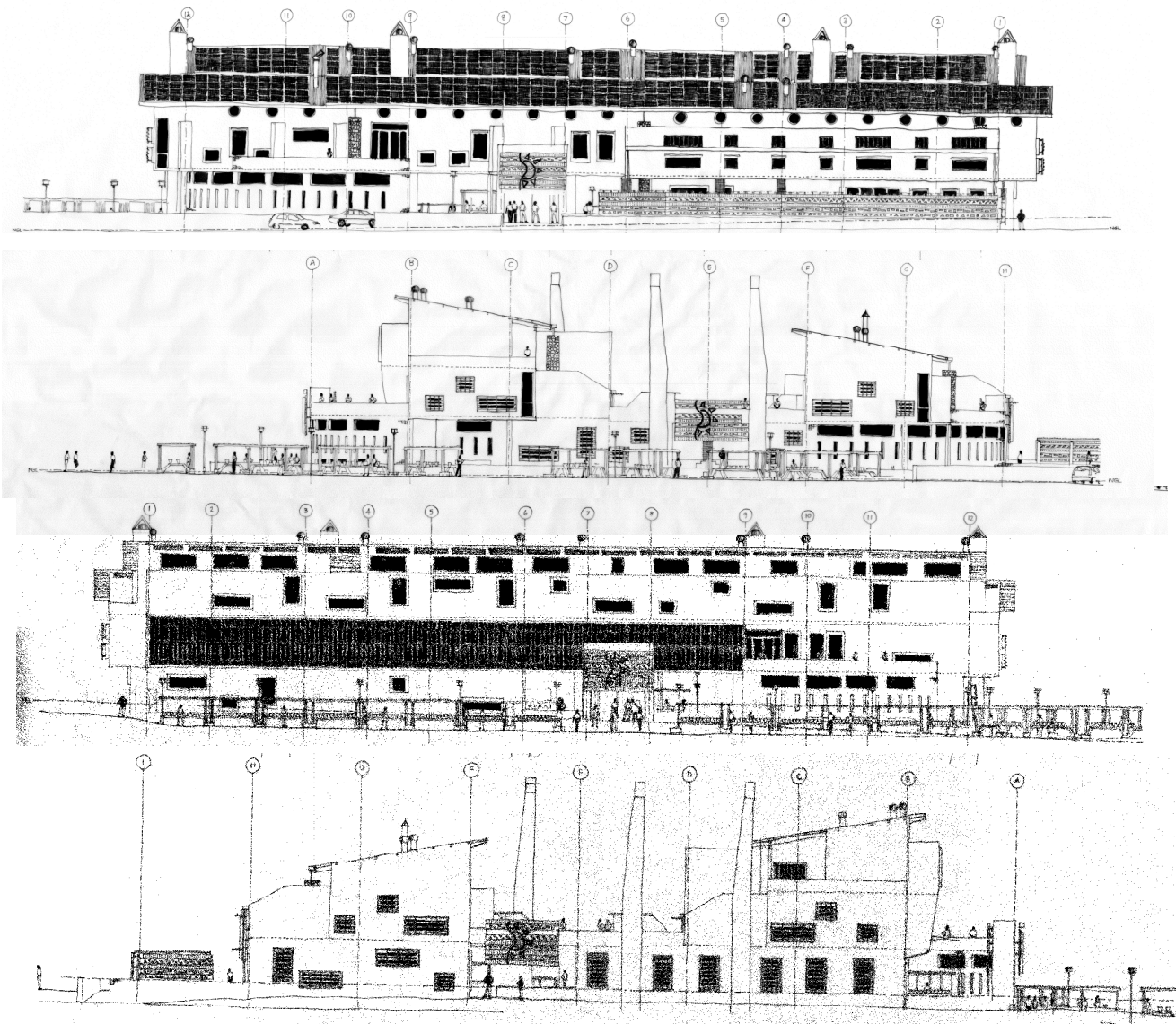
(Figure 232) South elevation. Scale 1:200. (Author, 2009).





(Figure 233) West elevation. Scale 1:200. (Author, 2009).





(Figure 234) Hand drawn elevations. Not to scale (Author, 2009).