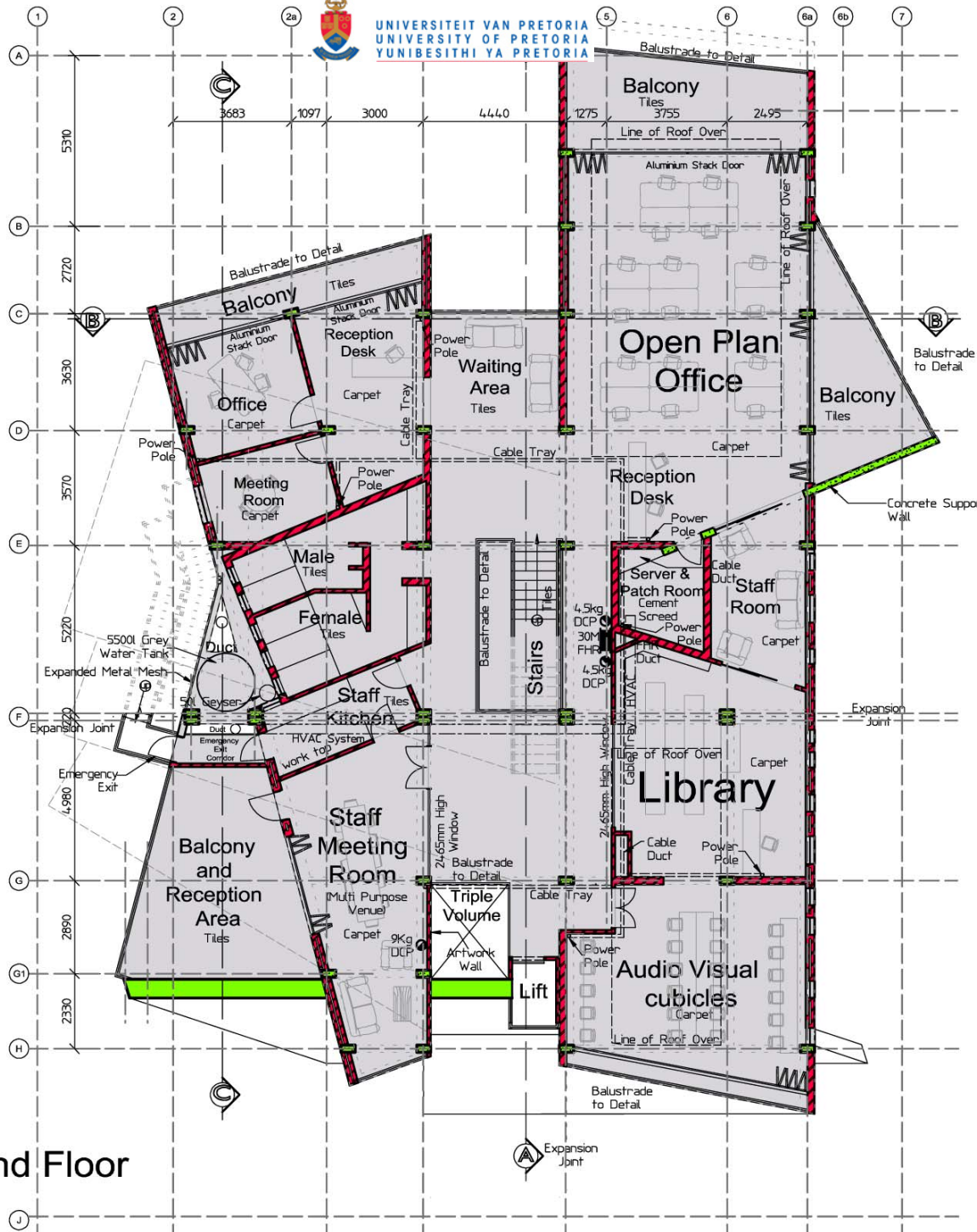


8.1 Introduction

This chapter contains a simplified version of the technical documentation. The simplification is to enable legibility and scale.

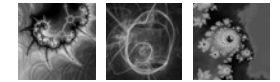
It is believed that the technical documentation should be read in conjunction with the other chapters, especially Chapter 2 and Chapter 7.

The intent of the documentation is to show intent rather than complete working drawings.

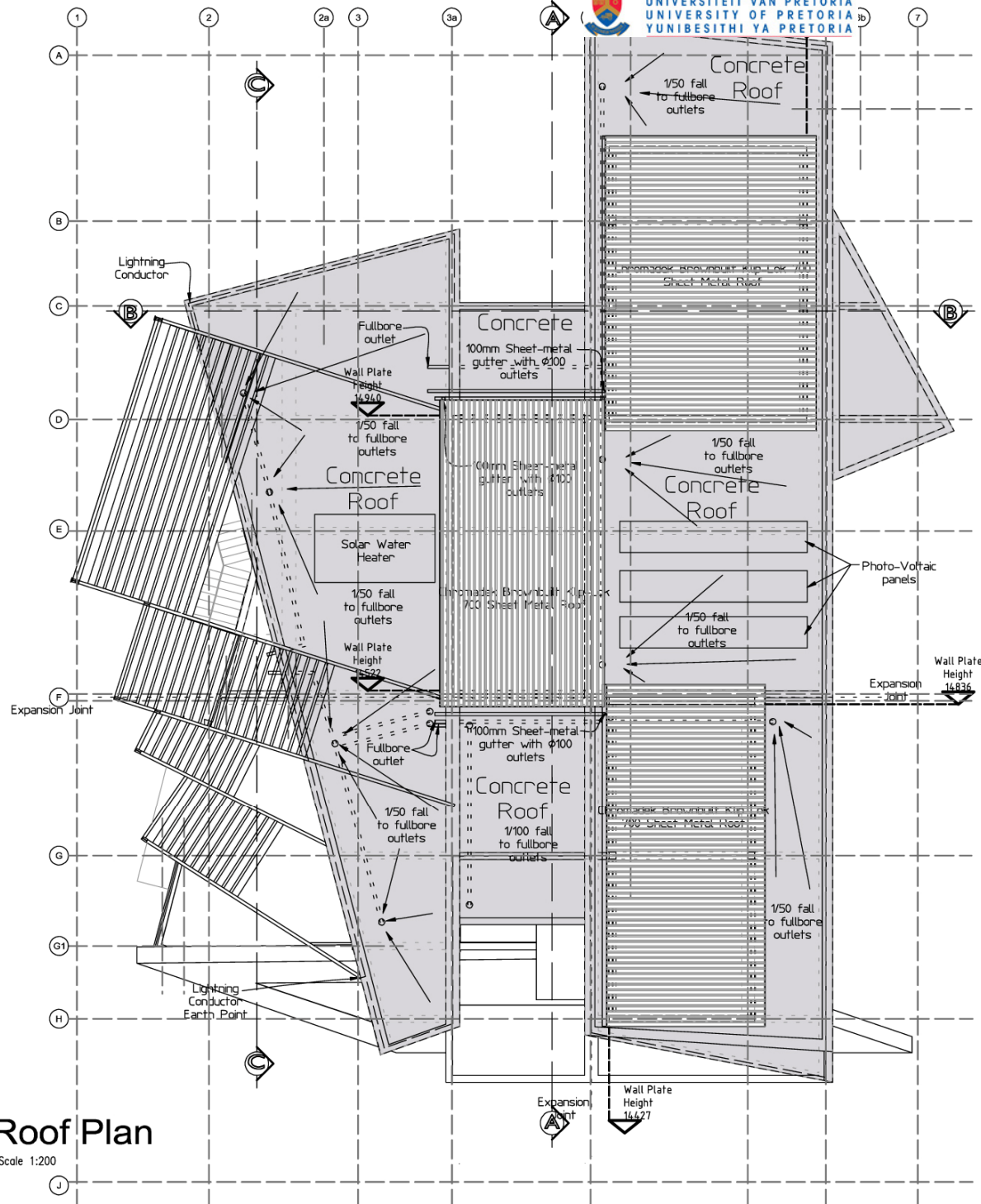


Second Floor

Scale 1:200

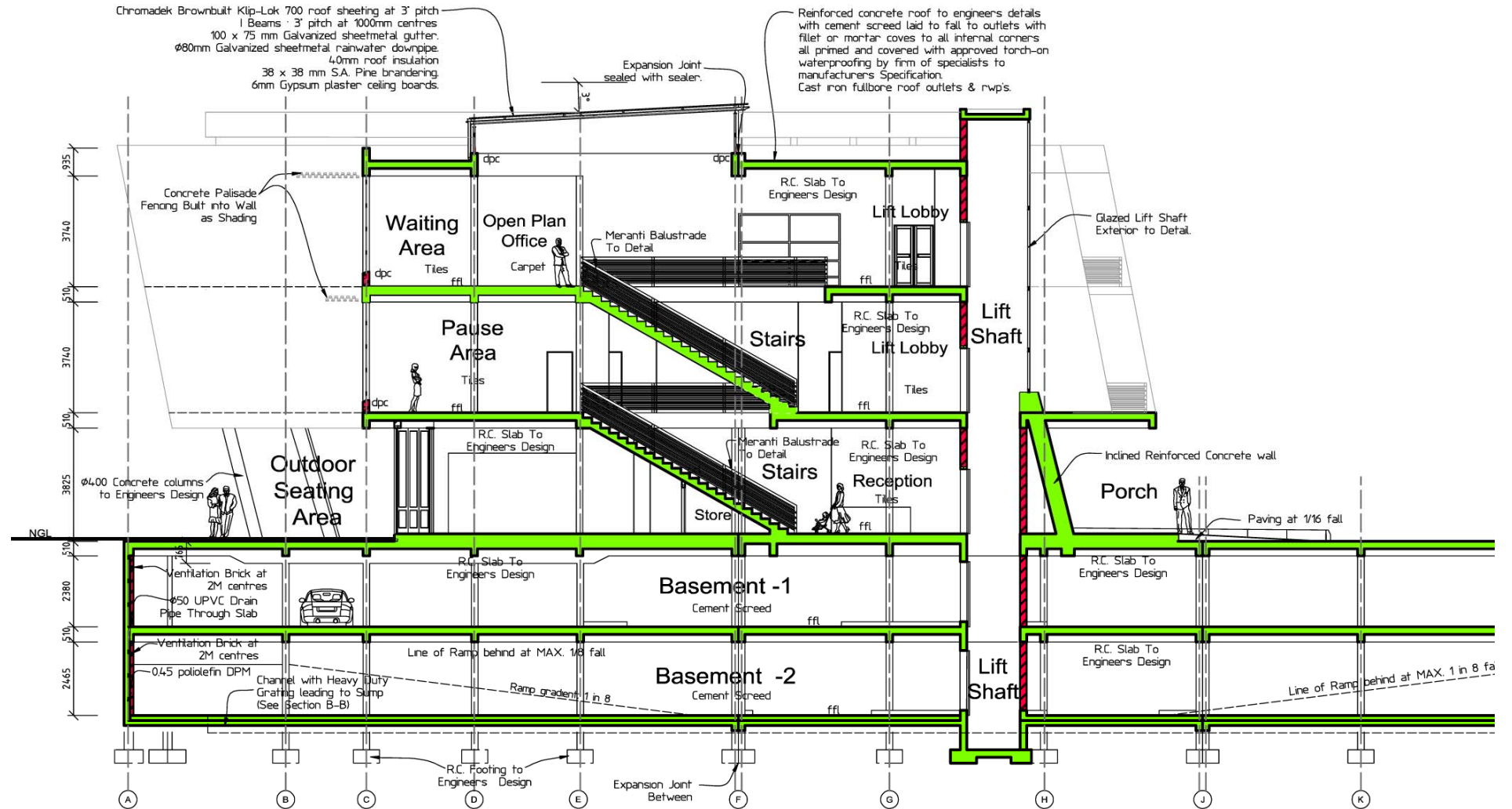


8: Technical Documentation



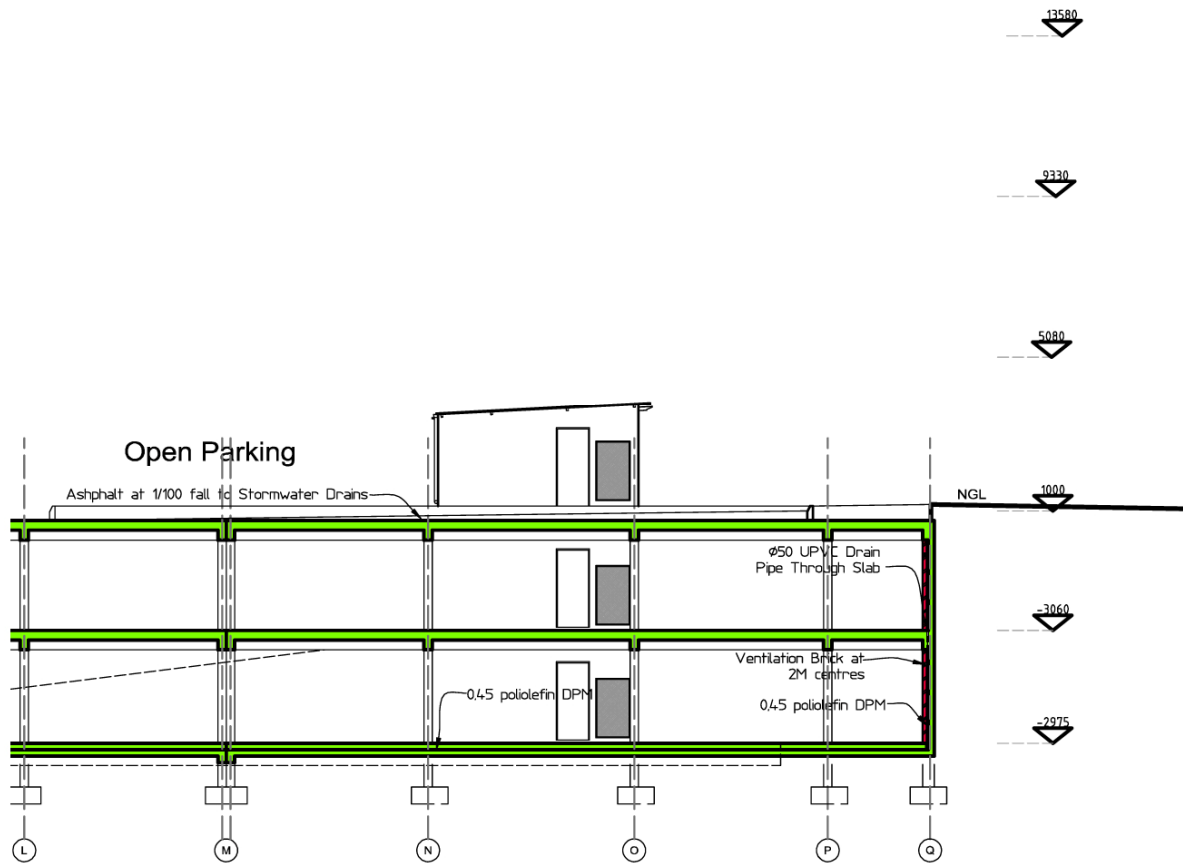
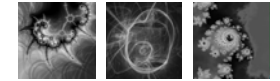
Roof Plan

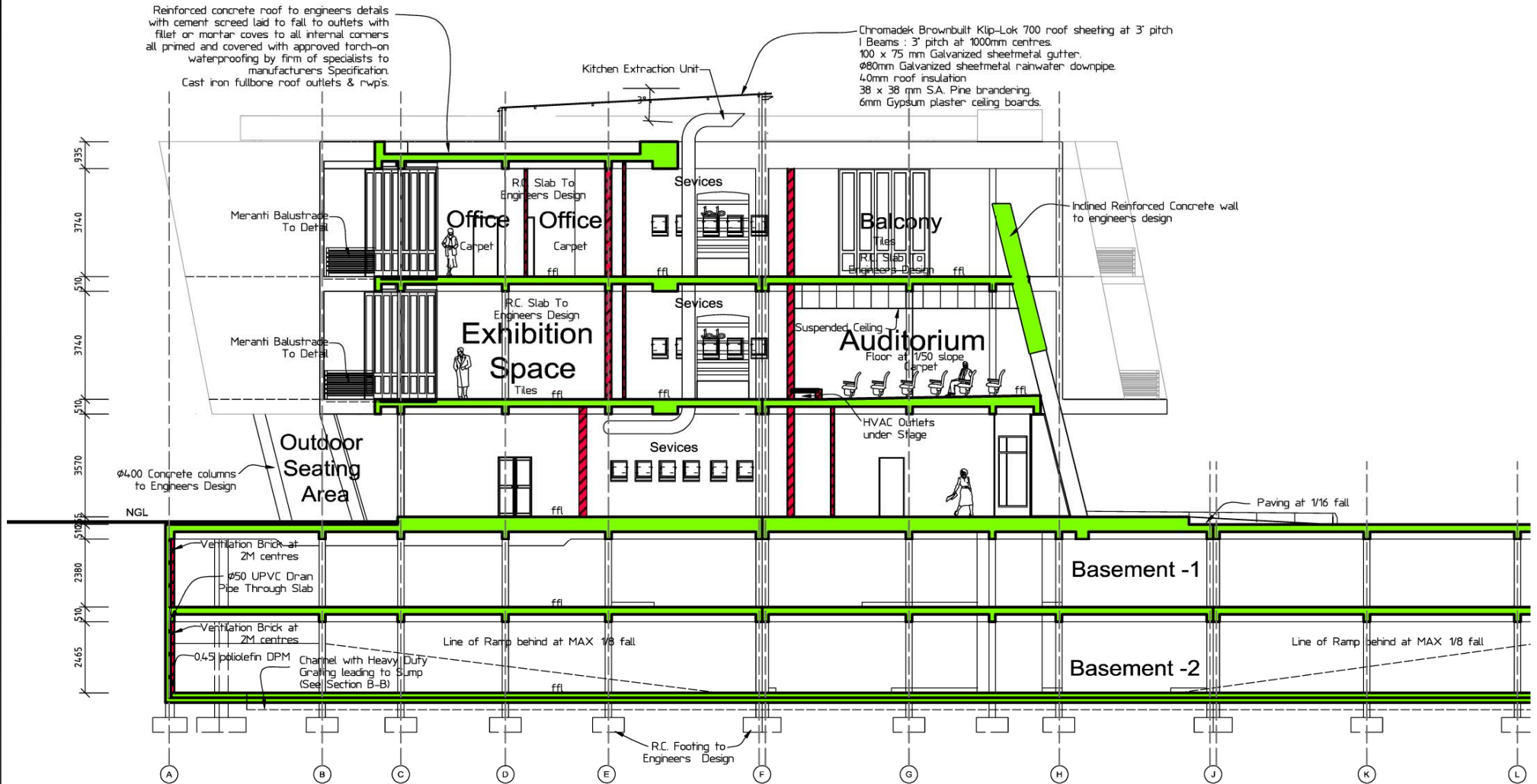
Scale 1:200

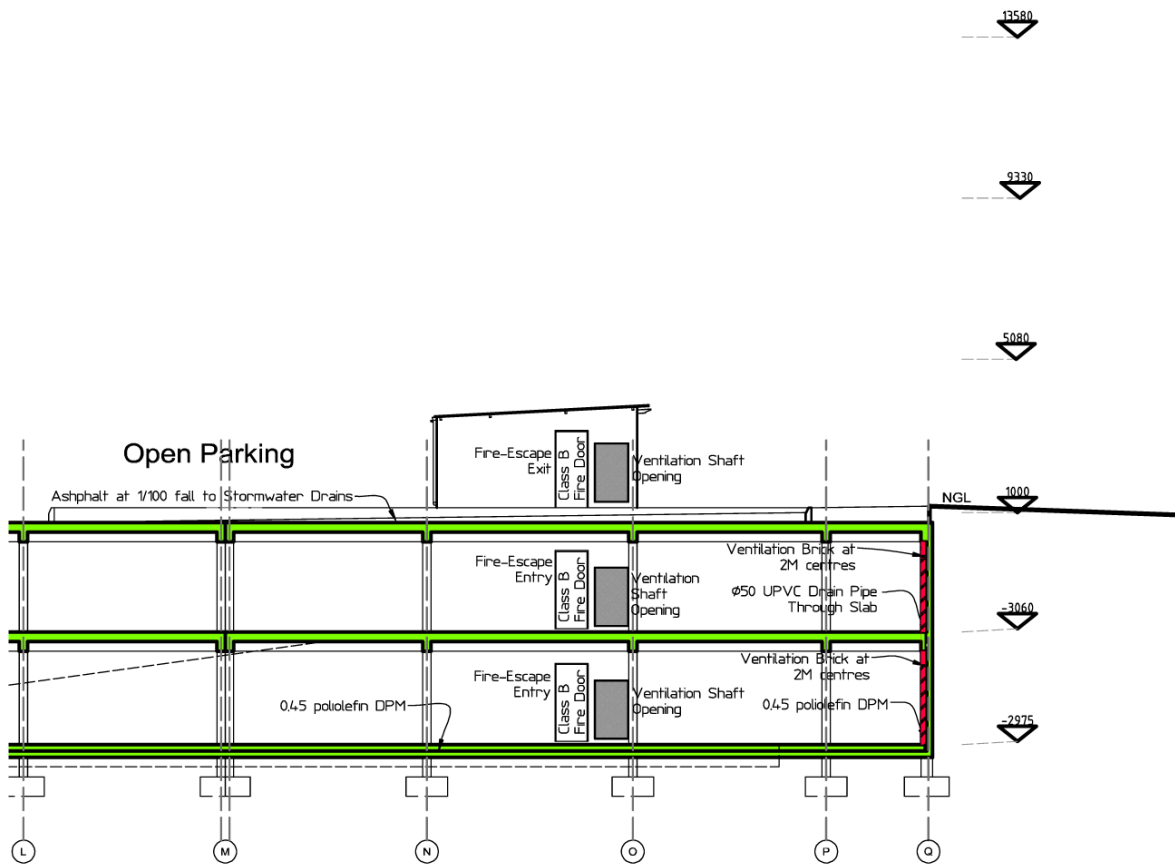
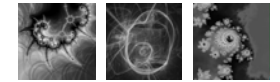


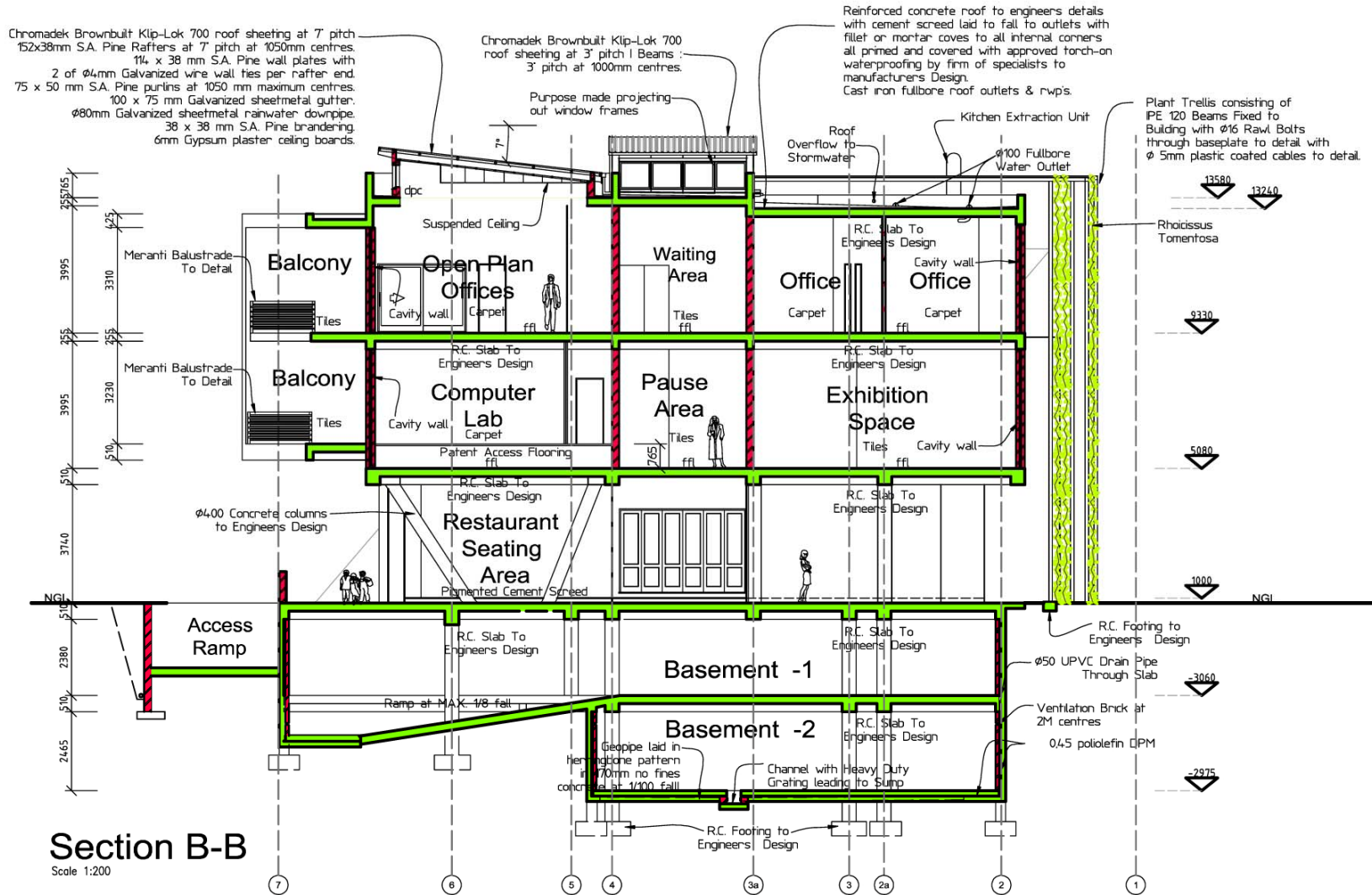
Section A-A

Scale 1:200



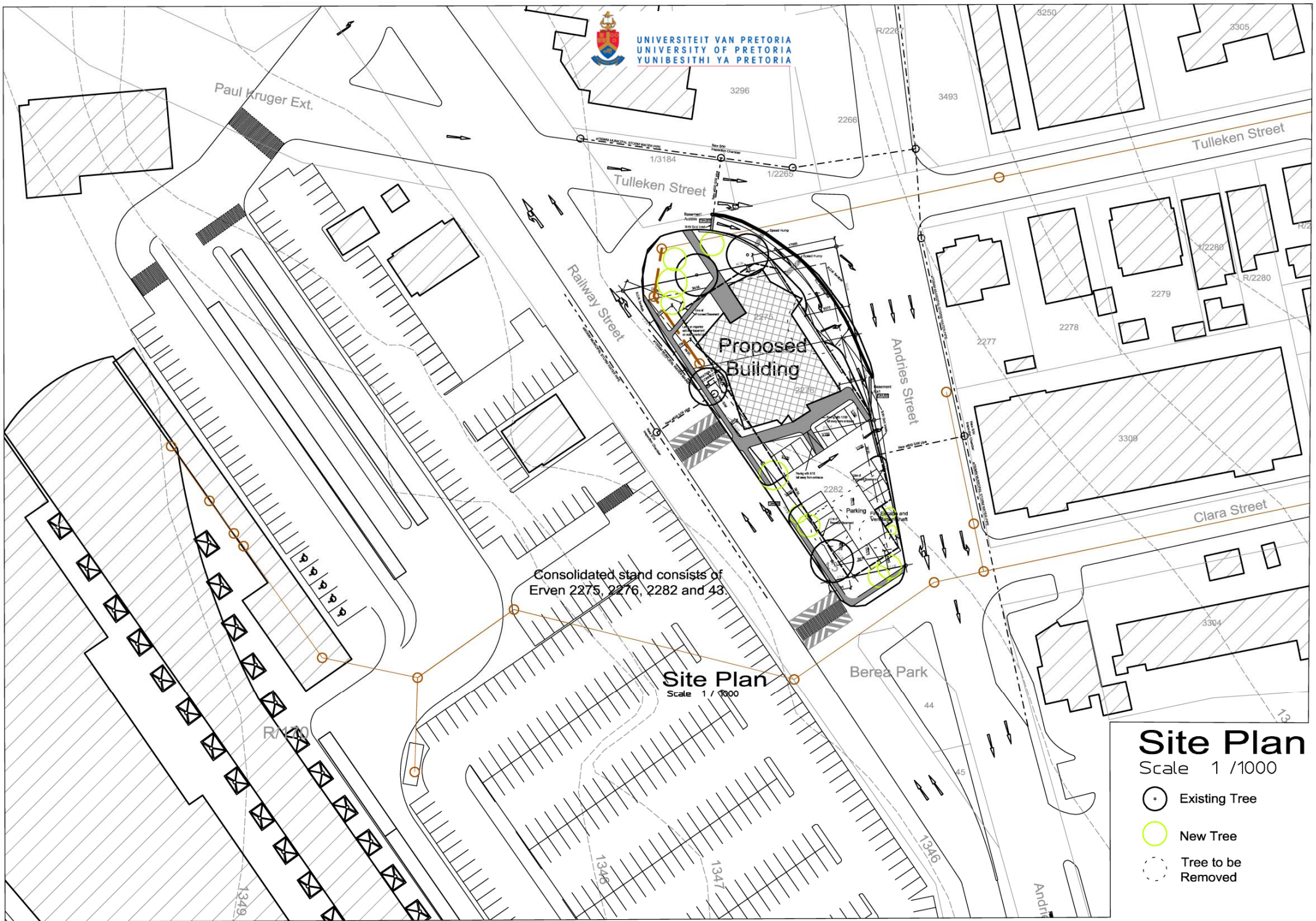








UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA



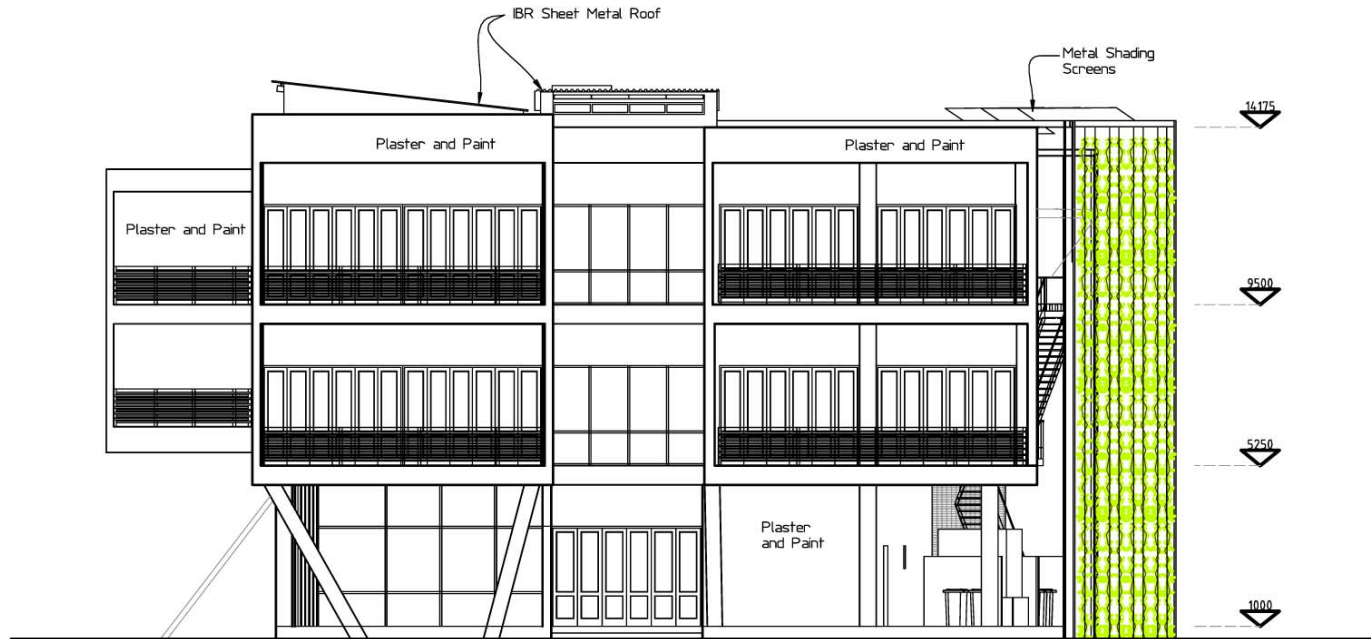
Consolidated stand consists of Erven 2275, 2276, 2282 and 43.

Site Plan
Scale 1 / 1000

Site Plan

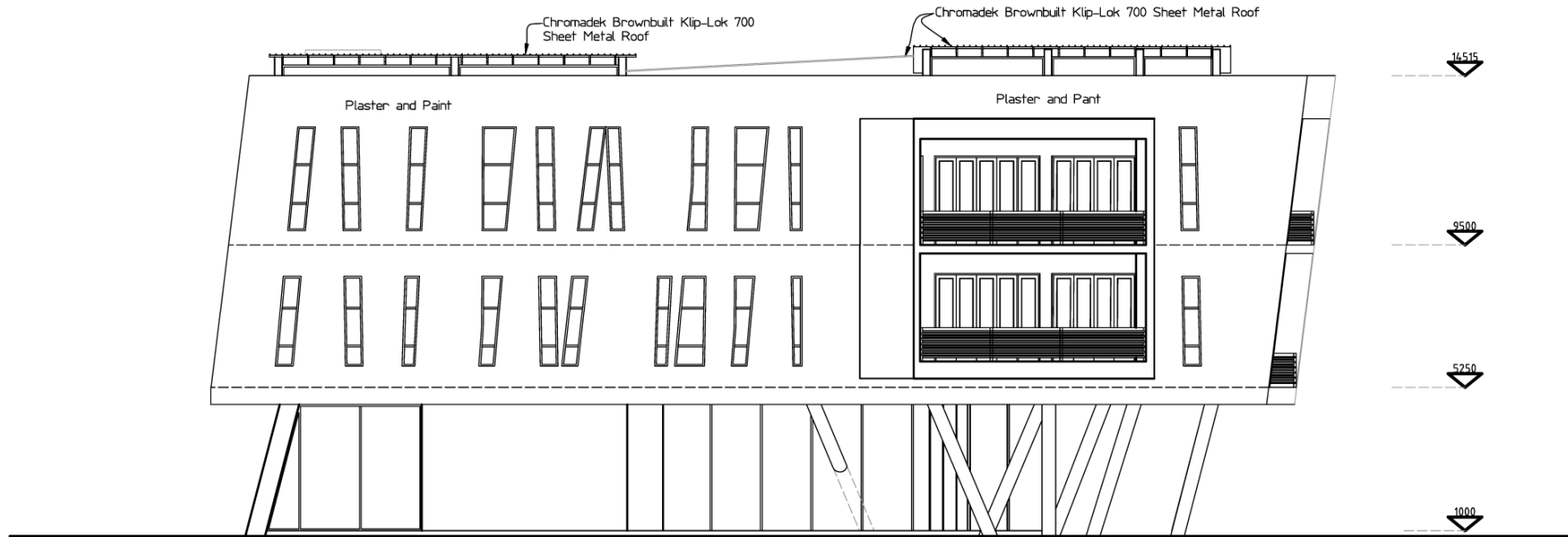
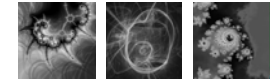
Scale 1 / 1000

-  Existing Tree
-  New Tree
-  Tree to be Removed



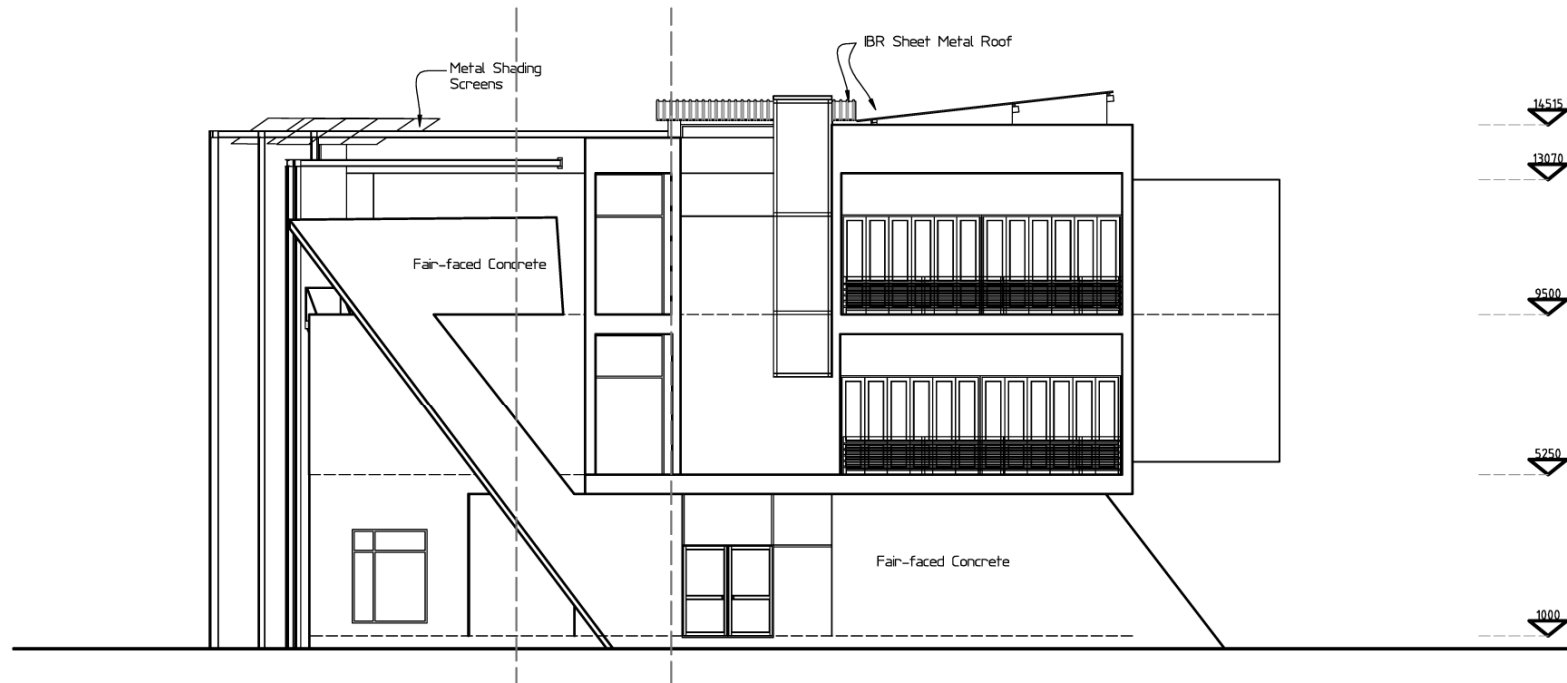
North Elevation

Scale 1:200



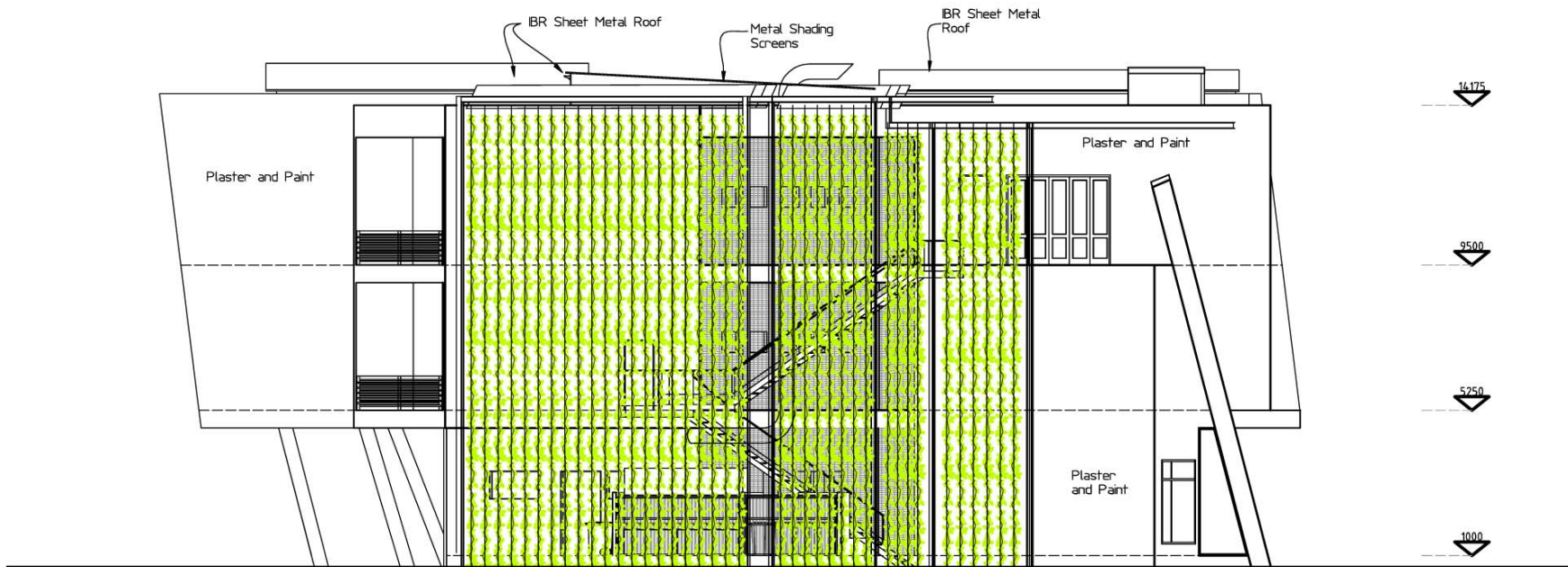
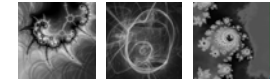
East Elevation

Scale 1:200



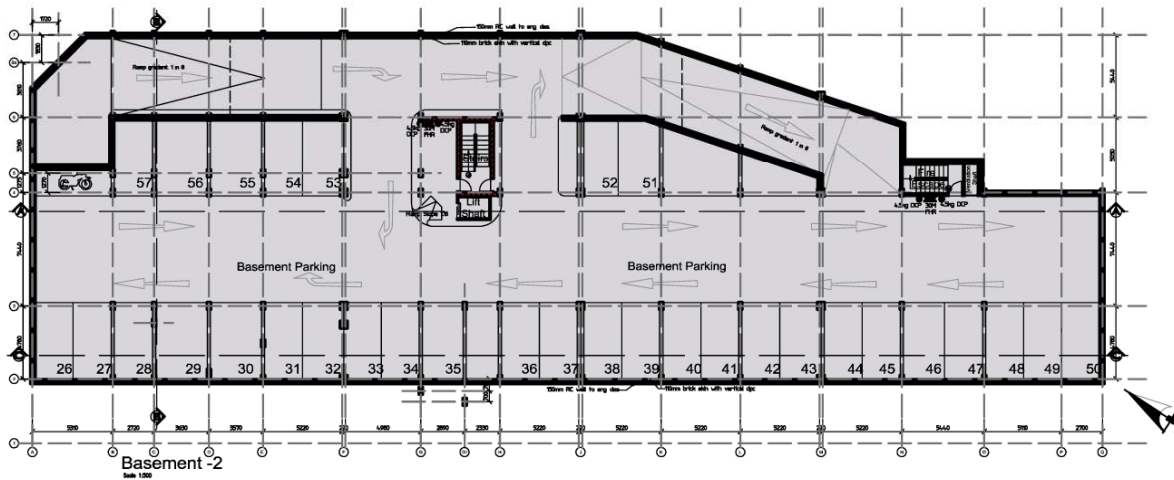
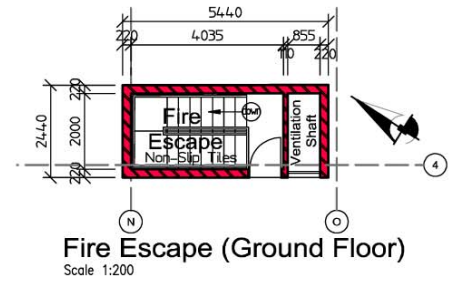
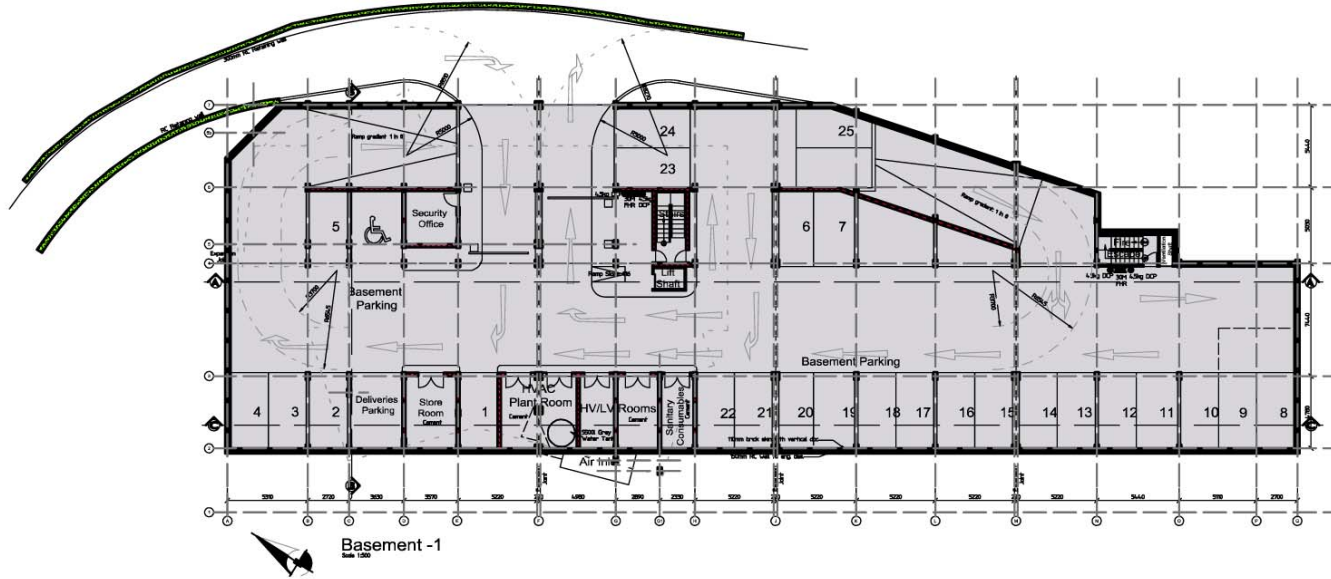
South Elevation

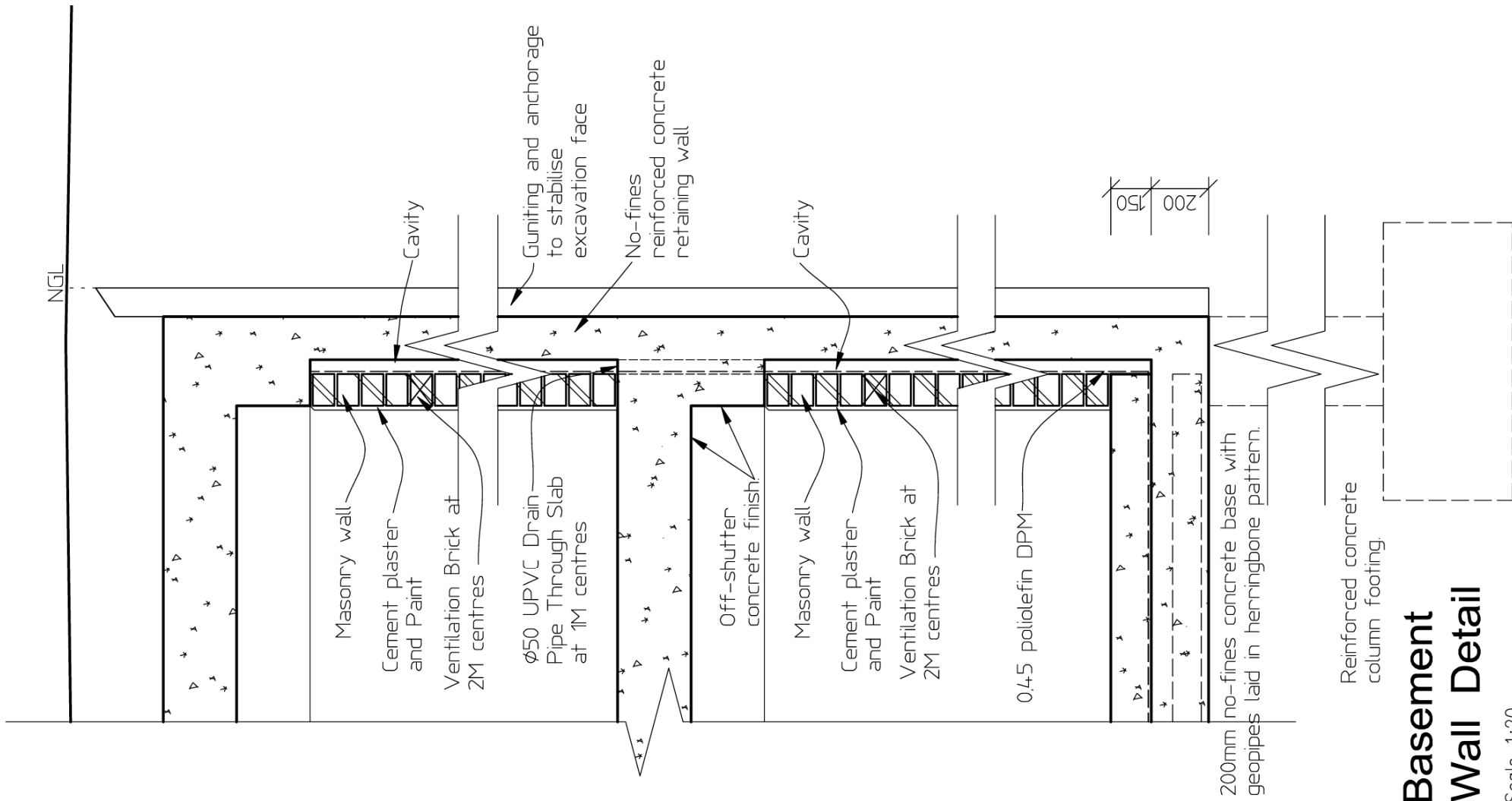
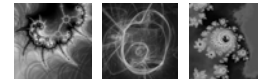
Scale 1:200



West Elevation

Scale 1:200





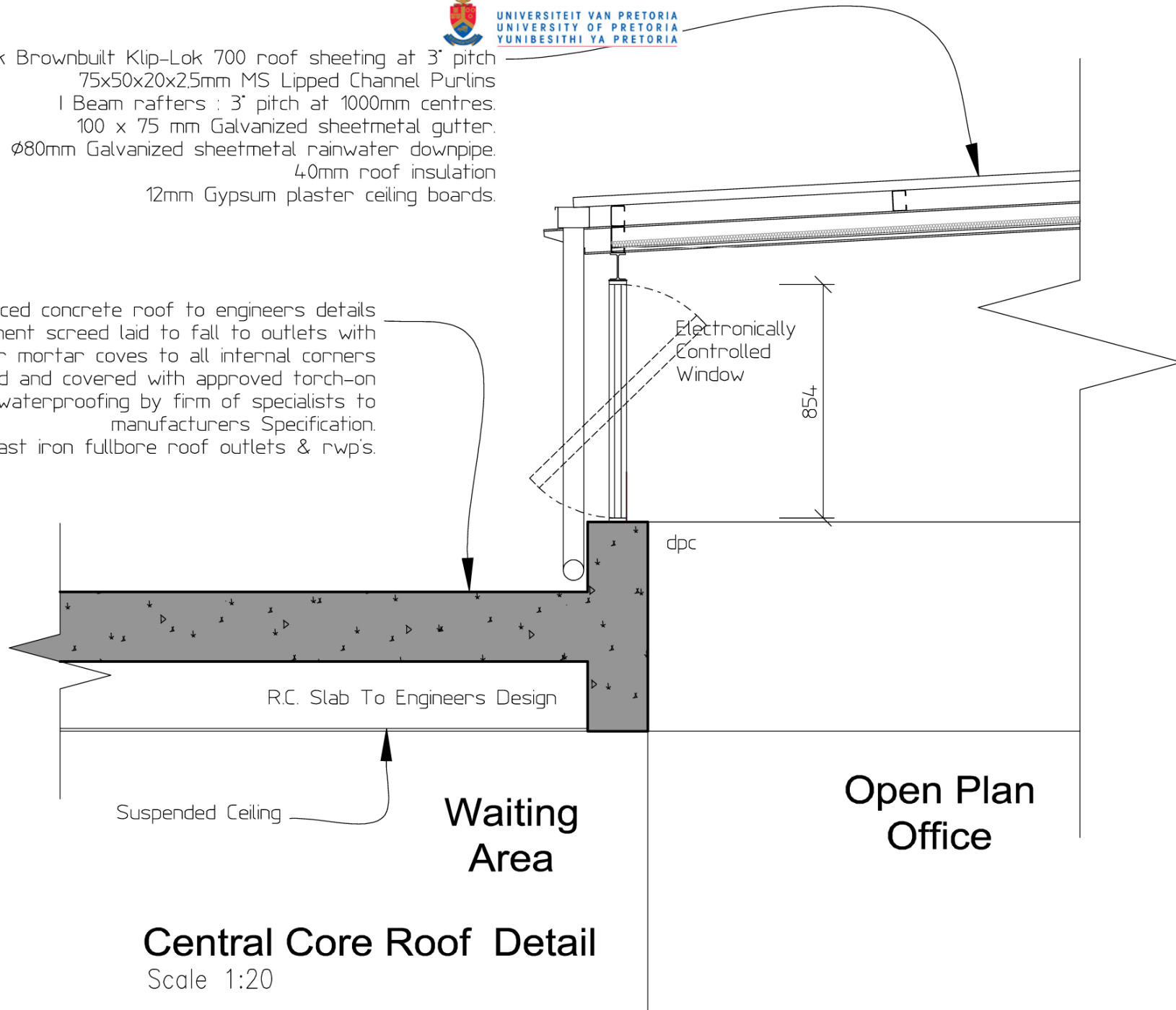
Basement Wall Detail

Scale 1:20

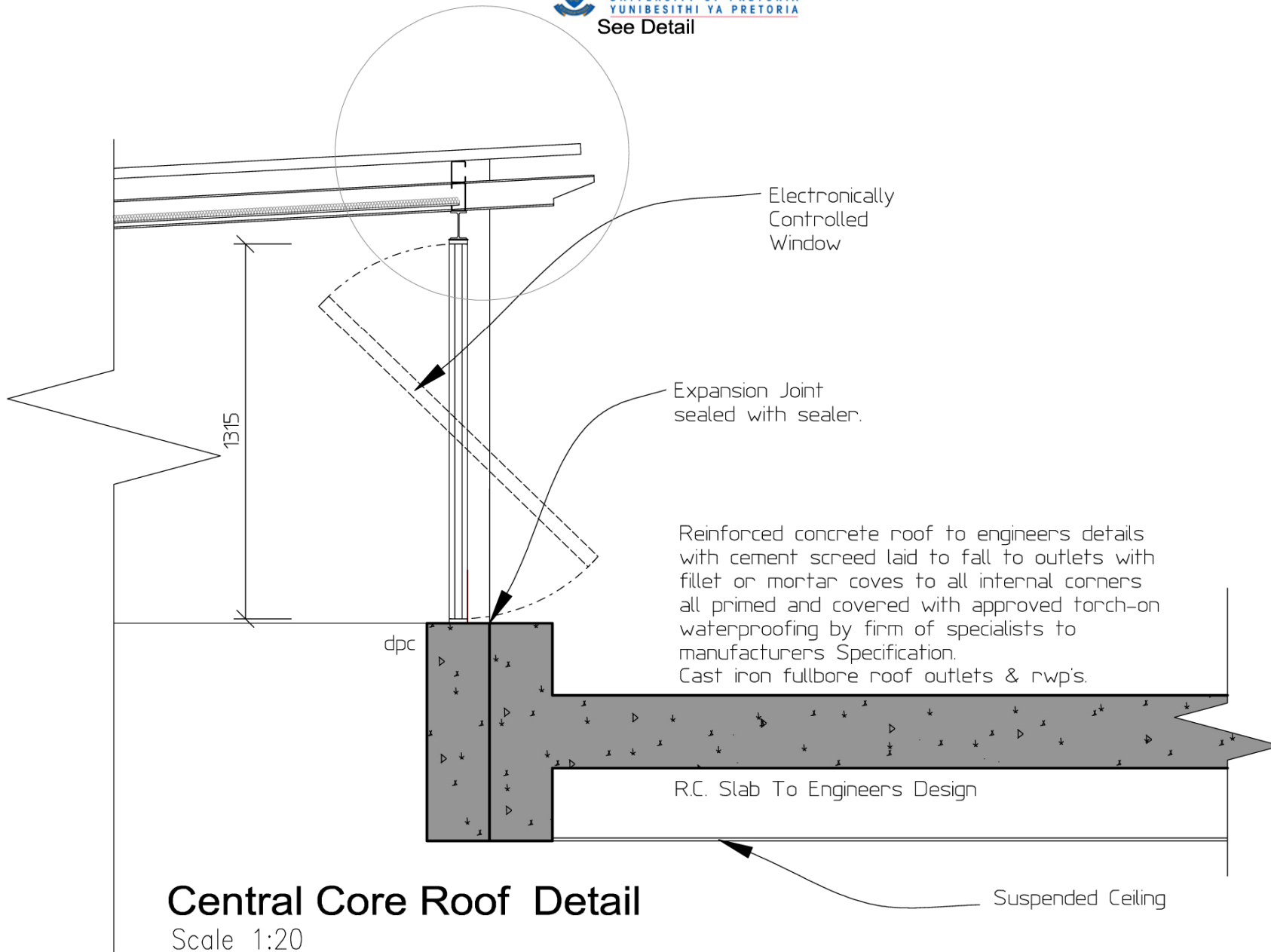
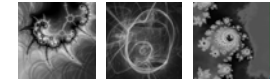


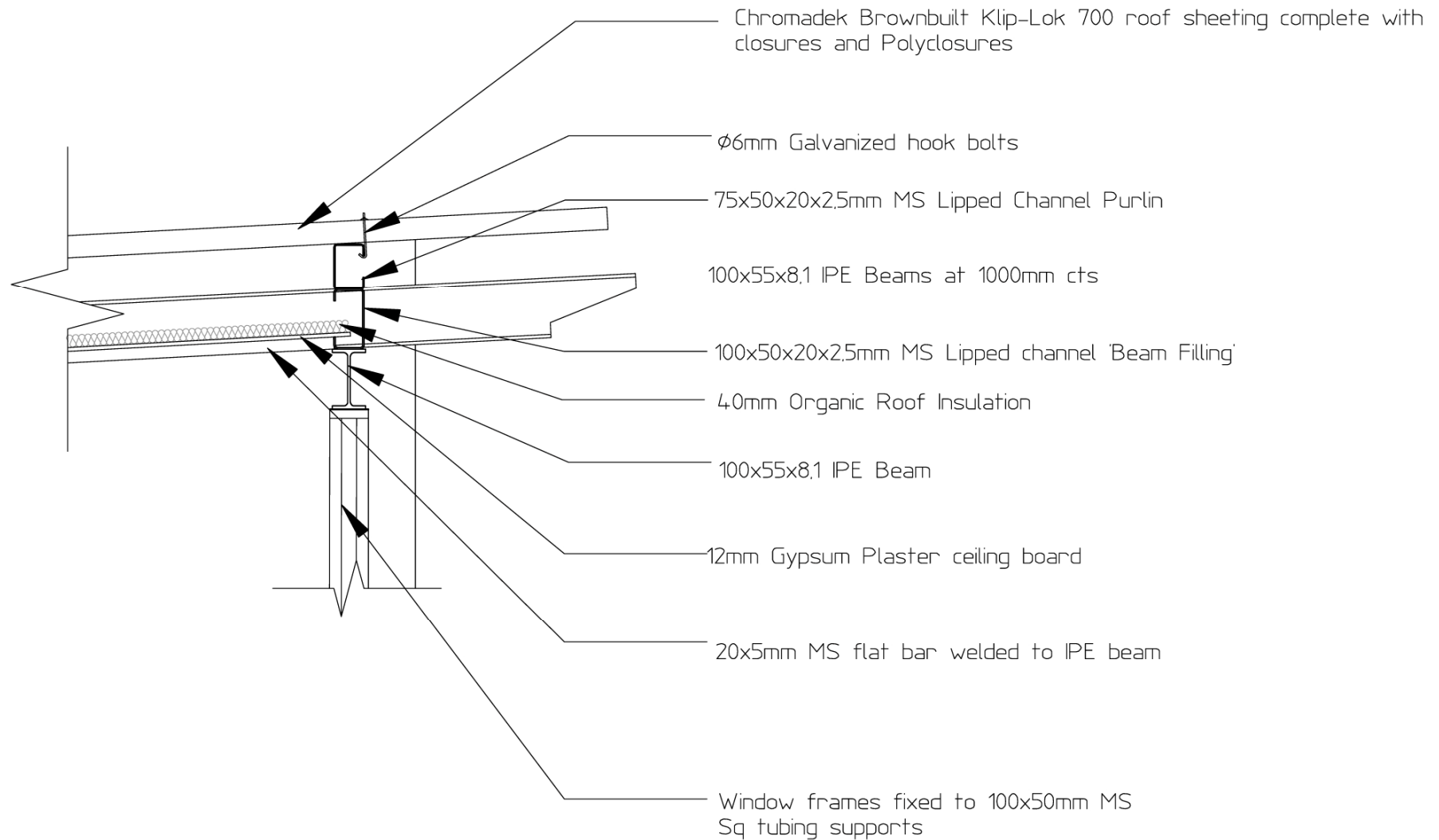
Chromadek Brownbuilt Klip-Lok 700 roof sheeting at 3° pitch
75x50x20x2,5mm MS Lipped Channel Purlins
I Beam rafters : 3° pitch at 1000mm centres.
100 x 75 mm Galvanized sheetmetal gutter.
Ø80mm Galvanized sheetmetal rainwater downpipe.
40mm roof insulation
12mm Gypsum plaster ceiling boards.

Reinforced concrete roof to engineers details with cement screed laid to fall to outlets with fillet or mortar coves to all internal corners all primed and covered with approved torch-on waterproofing by firm of specialists to manufacturers Specification. Cast iron fullbore roof outlets & rwp's.



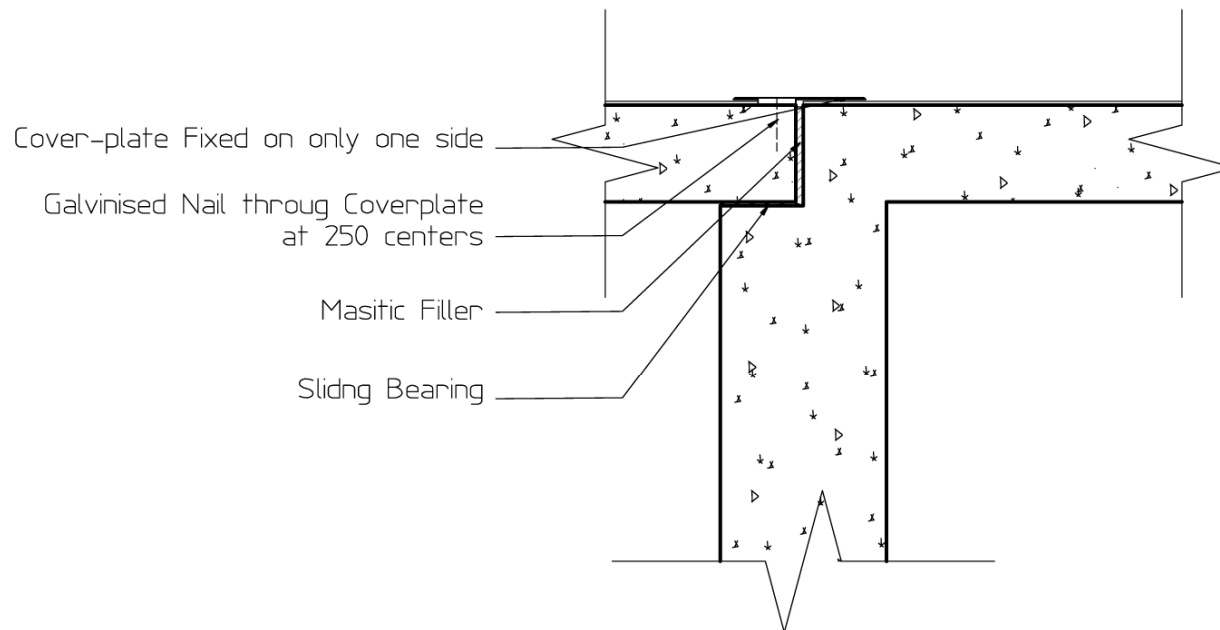
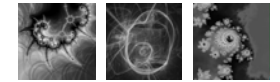
Central Core Roof Detail
Scale 1:20





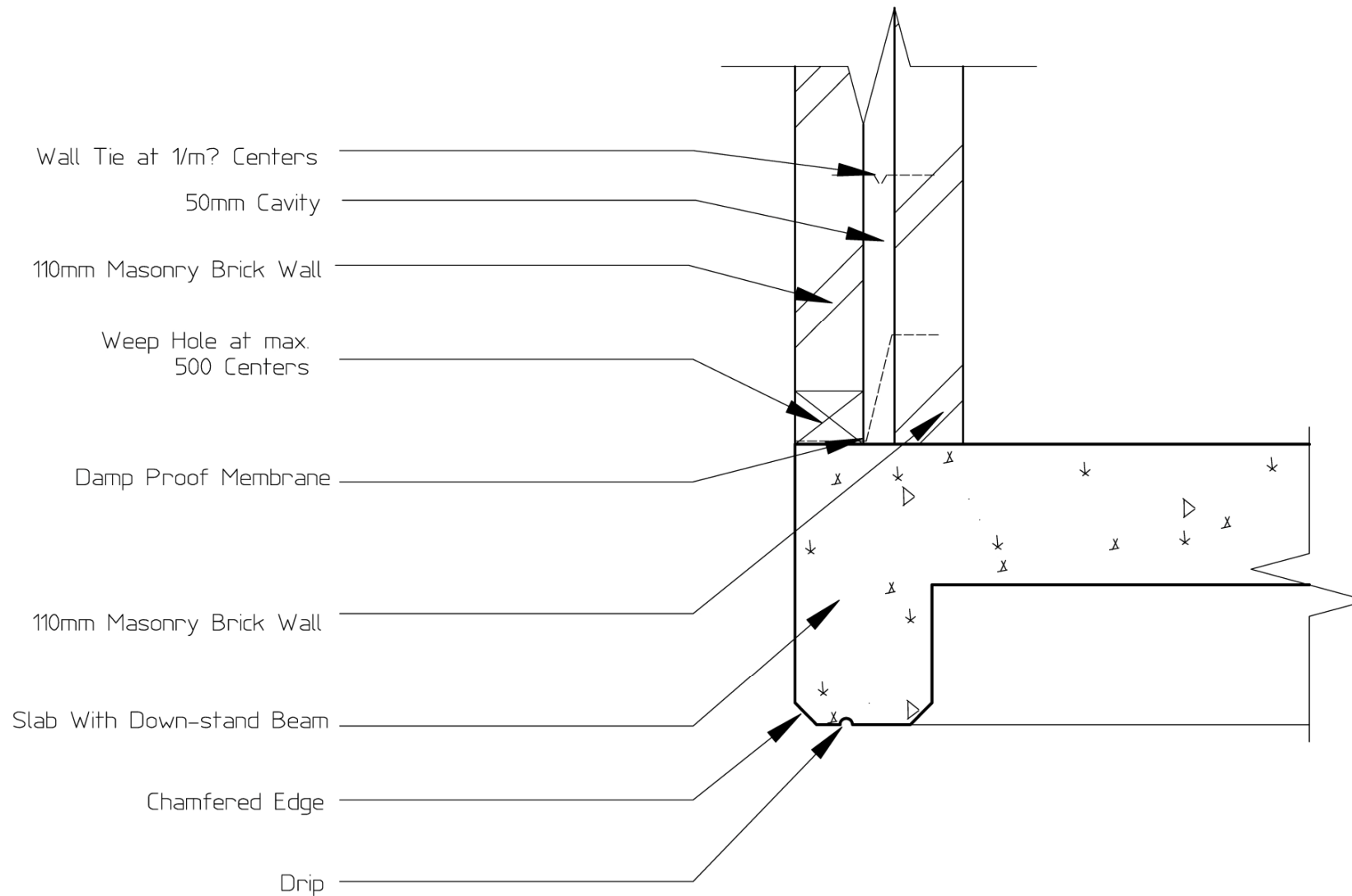
Roof Detail (Central Core)

Scale 1 : 10



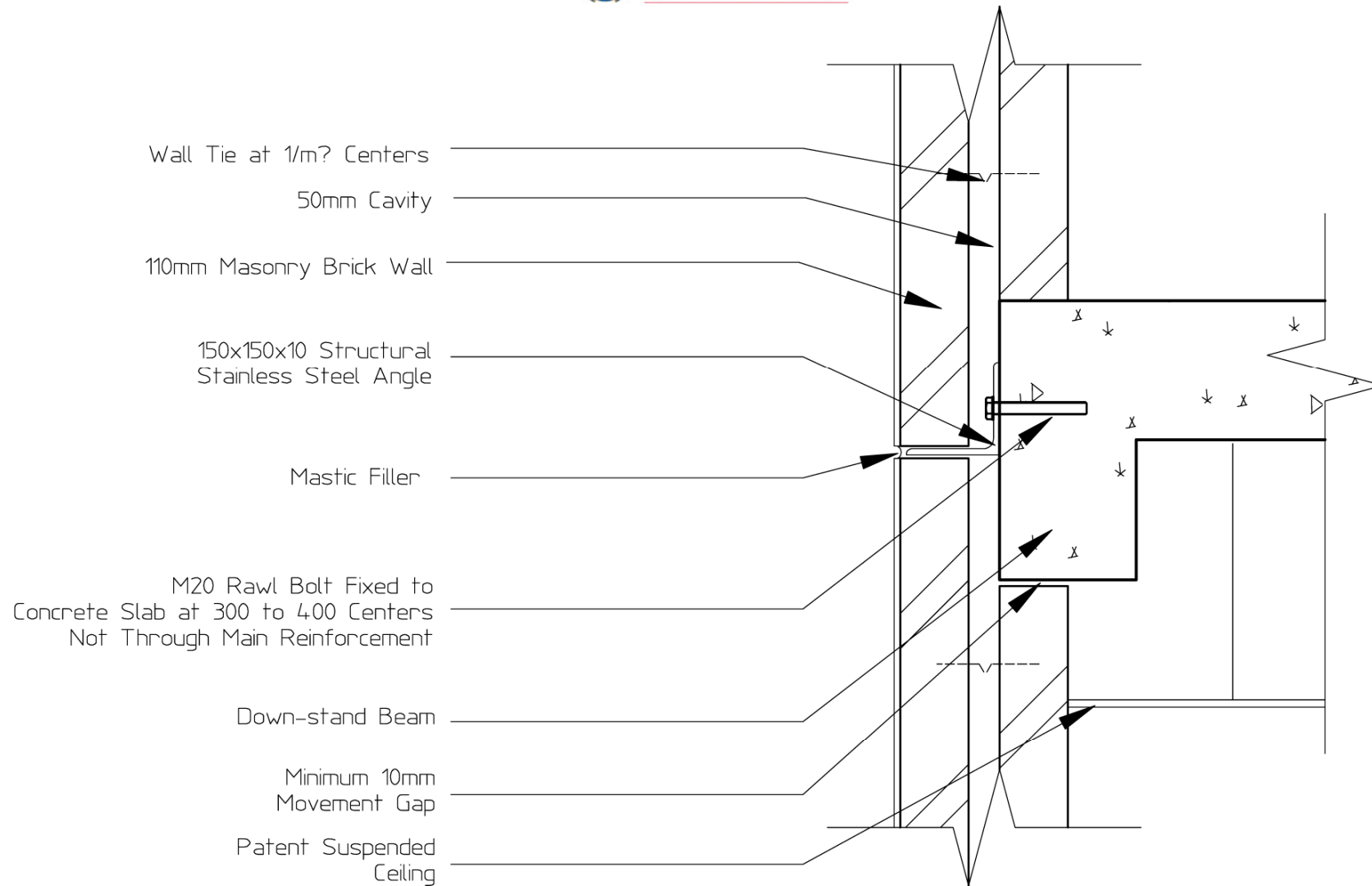
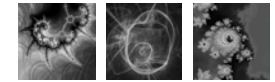
Expansion Joint Detail

Scale 1:20



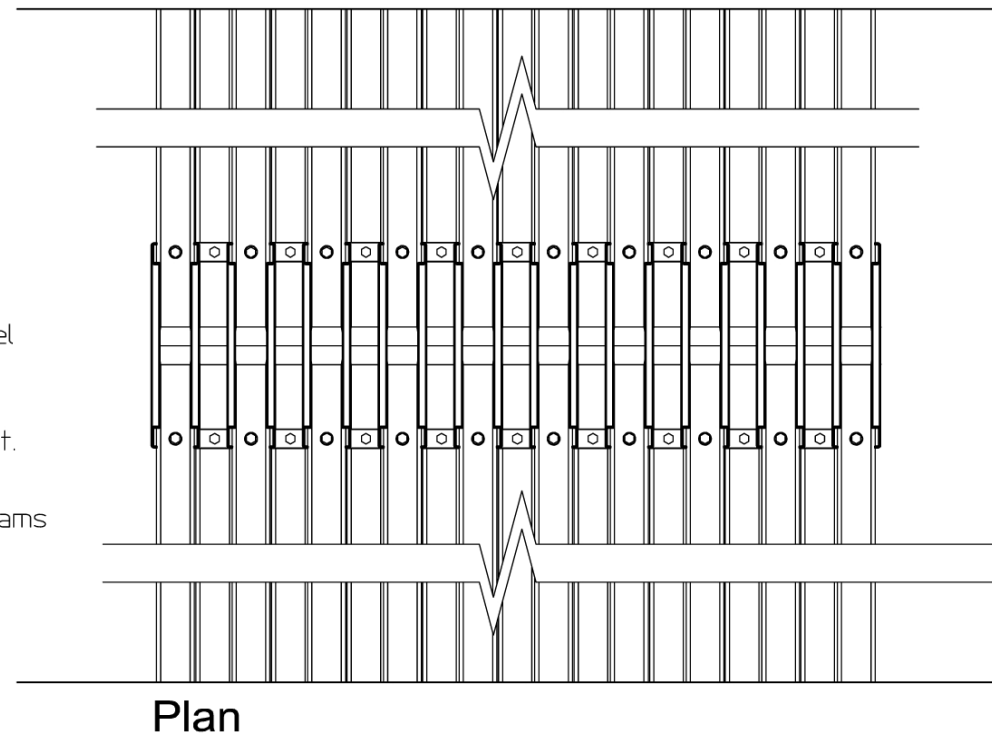
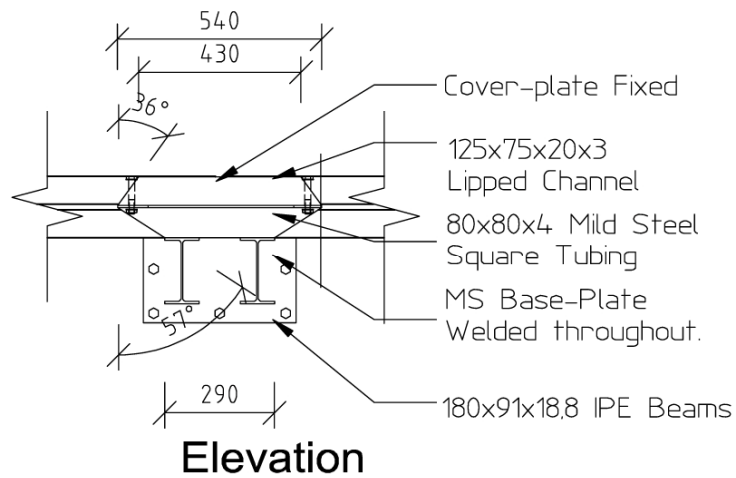
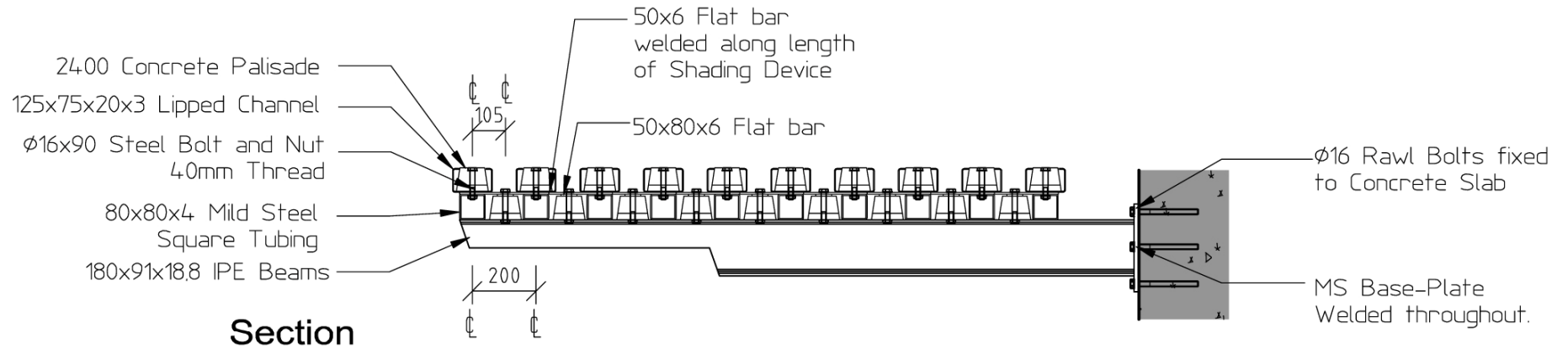
First Floor Slab Overhang Detail

Scale 1 : 10



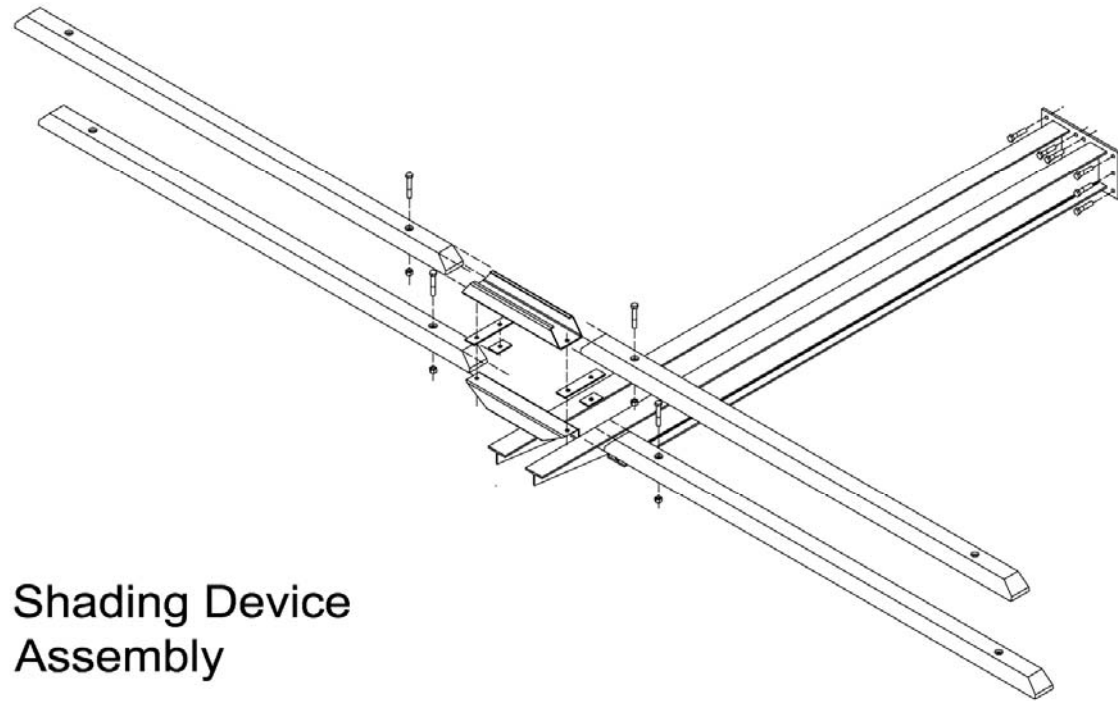
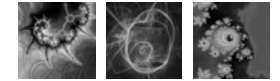
Second Floor Slab Detail

Scale 1 : 10

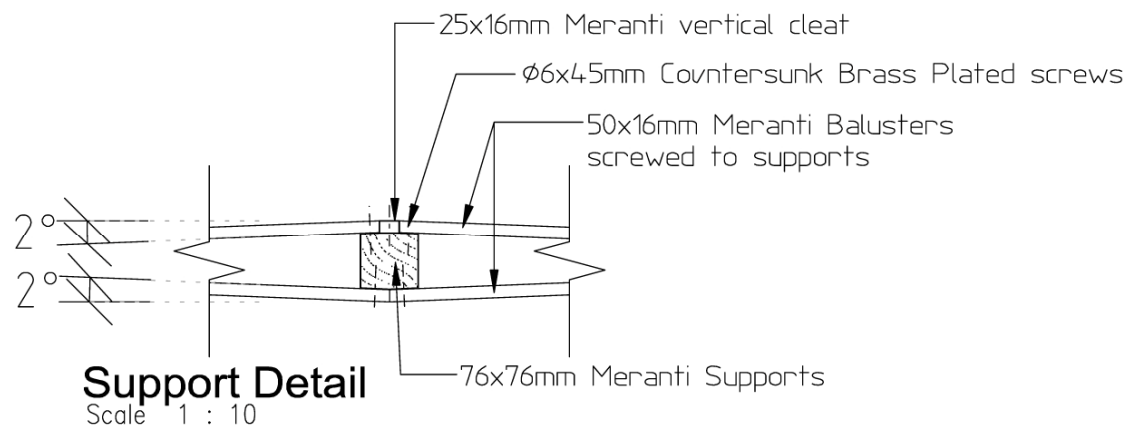
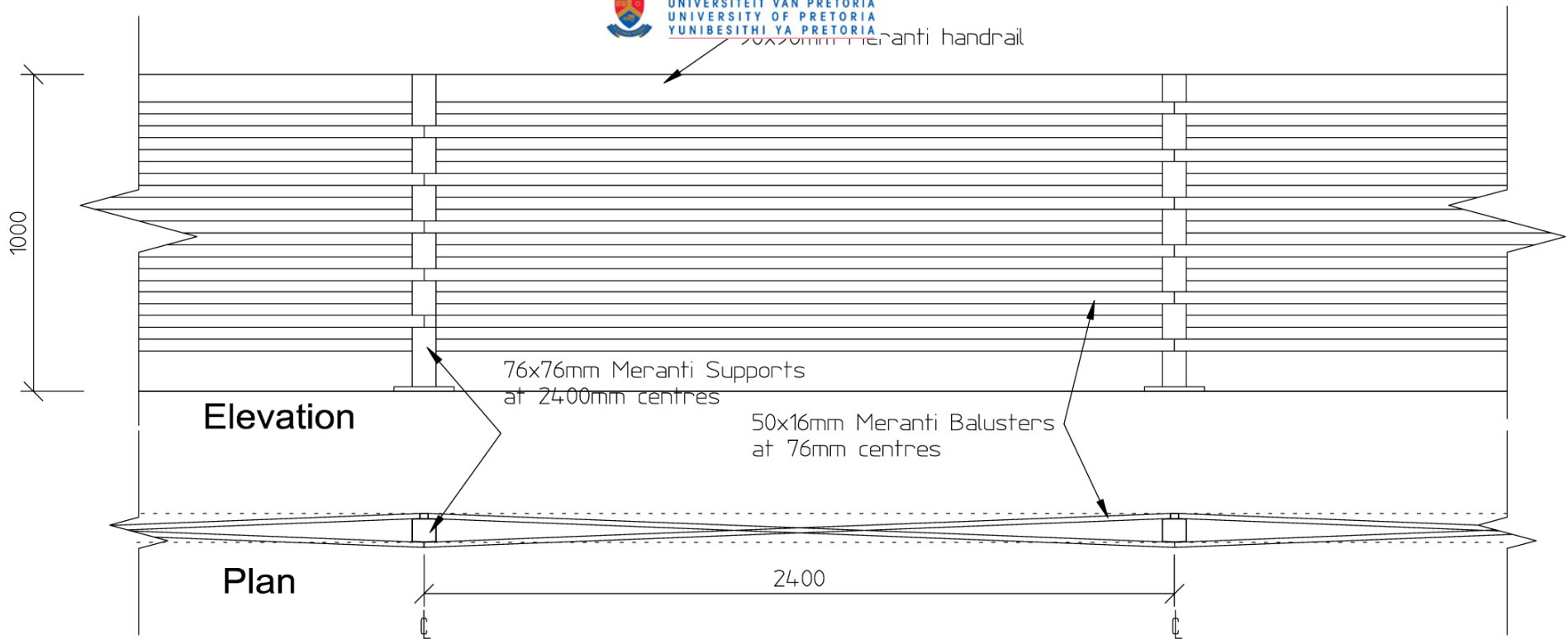


Shading Device Detail

Scale 1:20



Shading Device
Assembly



Balustrade Detail
Scale 1:20

