Water storage for 3 months rain 1513 m³

Section A-A Scale 1:100

Detail 1 Scale 1:10

Section B-B Scale 1:100
Section C-C  Scale 1:100

Swimming pool

400 x 200 lintelbox concrete column

Reinforced concrete vault

1mm PVC-coated polyester membrane tensioned over I-beams and fixed with aluminum profile to manufactures detail

40 dia PVC water heating pipes at 30 degree north

Model (1/100) scale position seating 600 seats for 1040 people

300 dia steel pipe
Polyester powdercoat paint finish
10,000 c/s

150 Ø RW P

610 x 229 I-beam
Polyester powdercoat paint finish
10,000 c/s

533 x 215 I-beam
Polyester powdercoat paint finish

100 dia and 150 rise tile

HPC

Aluminum sliding doors

330 dia steel pipe
Polyester powdercoat paint finish
3000 c/s

300 dia steel pipe
Polyester powdercoat paint finish
3000 c/s

300 dia steel pipe
Polyester powdercoat paint finish
3000 c/s

Sections

University of Pretoria etd - Steyn PWA (2003)