part five
documentation of finds
Foundations

Type 1
Jet grouting

Type 2
Piles+cavity

Type 3
Flow-drain

Fig. 117

Fig. 118

Fig. 119

Fig. 117

Type 1

Concrete capping beam

Bitumen waterproof layer

600mm jetgrouted wall

110mm masonry inner wall

Fig. 118

Type 3

Soil filling compacted in 300mm layers

Flo-drain with 200mm geopipe

Bitumen layer

350mm concrete retaining wall

Fig. 119

Type 2

Concrete pile cap and beam

600mm diam. concrete reinforced contiguous piles

Reinforced concrete planks

110mm concrete wall

Bitumen layer

110mm masonry inner wall
Structure

Base
Columns
Floors
Walls
Facades
Roofs
Gardens

Fig. 121

Fig. 122
Ground and storm water system

Level -2: Cavity wall collection

Level -1: Storm and ground water collection

Level G: Reservoir tank
Sewage water system

Level -2: Wash room collection tanks

Level G: Connection to servitudes

Level -1: Sewage collection
Water recycling system

Level -2: Recycling distribution to wash rooms

Level -1: Recycling distribution to wash rooms

Level G: Recycling tank and distribution
DETAIL 5

OFFICE

FFL 98.900

FFL 95.400

FFL 91.700

DETAL 6

OFFICE LOWER COURTYARD

GLASS COVERED HALLWAY

CONNECTING CLASSROOMS WITH MAIN MOVEMENT AREA

OUTDOOR SEATING

HYDRAULIC LIFT

EXTRACTOR FAN

CLASSROOM

UNITED STATES MILITARY

OFFICE 6

DETAIL 6

SHADING SEATING