Figure 106. (opposite, below and next page)
Collage including section b-b. nts.
Conc. gutter calculations
PLANter DETAILS
A gravel layer on 100mm medium layer or 60mm drainage layer with drainage gravel below on cement screed. Geotextile layer as indicated by dotted line.
Figure 109. (opposite) details E, F, G and H. nts.
detailE
nts

- 800x100 precast concrete plants on steel frame, unfinished.
- drip joint
- 70x10x6 galvanized hot rolled steel equal leg angle to form welded frame onto which concrete plants are fixed using screws with expansion plugs, ralisng for purposes of securing maintenance workers welded onto steel frame
- expansion bolt to fix welded steel frame to precast concrete beam
- silicone seal
- 250x585 prestressed precast concrete beam
- 0.6 galvanized steel flashing set in recess in concrete beam to be filled with silicone, flashing fixed to timber support beam with roof screws.
- 75x150 SAP support beam fixed to precast concrete beam with countersunk expansion bolts @ 1000cc
- aluminum louvre with translucent insert to manufacturer
- 0.6 galvanized steel gutter

detailF
nts

- water level
- 490x490x30 precast concrete raised floor tiles on UPVC footing
- "Inside," perforated stainless steel channel fixed to underside of concrete floor tile with chemical anchor bolts @ 2 per tile
- concrete floor tile to rest on UPVC mountings set on concrete upstand
- fibreglass waterproofing and finish to specialist popcorn, overflow channel, cistern with floor at fall min 1:70 to drain to pump
- cement screed at min fall 1:70 to drain concrete floor slab, with upstands, unfinished, to engineer
- 0.25 polystyrene DPM
- cement blinding layer
- 200 no-fines concrete with geogrids to drain to sump
- cement blinding layer
- selected fill compacted in layer max 150 to 35% mod-AA\n\n\ndetailG
nts

- wall filler in expansion fixed to concrete face with expansion bolts on anchors being cast
- 174 concrete floor slab, perforated, to exposed area
- 0.75 polystyrene DPM
- 12 mm channel drain fixed to external concrete floor slab, perforated, to external area
- 200 no-fines concrete with geogrids to drain to sump
- 200 no-fines concrete
- wall filler compacted in layers max 150 to 35% mod-AA\n\ndetailH
nts

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Figure 110. (left) collage of journey through Marabastad from Belle Ombre rail station.

Figure 111. (right) photograph of building in Boom st.

Figure 112. (below) bathhouse in Boom st context.
Figure 113. (right) photographs of experiences directly related to bathhouse site.

Figure 114. (below) illustration of area between new and existing.

Figure 115. (below right) sheltered space.
Figure 116. Central courtyard space
Figure 117. Space between shower cubicles and courtyard.

Figure 118. (Top and opposite) Collage of journey from shower to Belle Ombre rail station.