Van der Waal and associates (1999) give a description of the surroundings before canalisation of the rivers.

Moving down the river, towards the present Lion Bridge, the area was densely covered with reeds and rushes, making a safe lair not only for lions, but also for jackals and hyenas whose roars and cries resounded nightly along the mountains.
Steel ribbed profiled roof sheeting
brownbuilt slip-lap 306, laid at 1:20 fall towards east.
fixed to purlins with concealed fixing methods as per
suppliers detail, finished with 0.5mm galvanised steel corner trim.

100mm x 50mm x 6mm mild steel channel welded to purlin.

100mm x 75mm x 26mm x 2 mild steel channel purlins
at 1250mm centres bolted to deck with 4 x M16 bolts.

50mm Ø round bar, web member, bolted to purlin.

Cladding: 0.6mm corrugated e-rib
80% translucent polycarbonate sheeting
screwed to 50mm x 50mm steel channel
sub frame with self-tapping screws.

Sheet metal flashing

Cembrick rose satin face brick cladding,
blind mounted to reinforced concrete beam,
approved waterproofing material applied on
top of brick course one layer below soldier course.

170mm cast in situ waterproof concrete slab,
screwed to fall to outlet at 1:80 min with
cast in gutter and 10mm x 10mm square drip.

Purpose made mild steel sliding doors
with Hilldam column rollaway 640
rolling sliding hardware.

114mm x 22mm timber deck planks on
150mm x 50mm timber floor joists at 400 centres.

228mm x 30mm timber beam.

Detail A
1:20
50mm Ø round bar, web member, bolted to purlin.

50mm Ø Mild steel hollow round section pin joined between gusset plates acc to ENG's detail and spec.

10mm Thick mild steel gusset fixing plate welded to tenon acc to ENG's detail and spec.

LAFARGE Ultra Waterproof RC Concrete slab and upstand acc to ENG's design.

Blind mounted 100x100x6mm thick mild steel channel fixed to concrete beam with chemical anchors to ENG's detail and spec.

Solder course face brick exterior skin with flush joints.

75mm mineral fibre insulation.

9mm Thick PG Buteo commercial plywood fixed to mild steel frame with self tapping screws. Painted with Plascon Cashmere (Color: Orchid Bay 9R-709).

20mm x 38mm Meranti slats fixed to drywall with counter sunk screws. Plascon Glutex 8 varnish to all exterior new wood.

75mm x 50mm x 2mm cold formed lipped channel section frame.

20mm x 38mm Meranti slats fixed to meranti top hung window frame. Plascon Glutex 8 varnish to all exterior new wood.

38mm Thick meranti counter 1950mm above cill. Plascon Glutex 8 varnish to all exterior new wood.

detail b

1:20
steel ribbed profiled roof sheeting - brownbuilt kip-lock 760, laid at 1:200 tall towards east - fixed to purlins with concealed fixing methods as per suppliers detail, finished with 0.56mm galvanized steel corner trim
100mm x 50mm x 6mm mild steel channel welded to purlin.
50mm x 50mm x 3mm mild steel square section welded to channel.
100mm x 75mm x 20mm x 2 mild steel channel purlins at 1200mm centres bolted to cleat with 4 x M16 bolts.
50mm Ø Mild steel hollow round section pin jointed between gusset plates acc. to EN's detail and spec.
north facing: horizontally pivoted ventilators with 0.6mm corrugated s-rib 80% translucent polycarbonate sheeting screwed to steel frame with self tapping screws.
ISOBoardE of 30mm thickness and 600mm wide (with polyethylene treated kraft slip sheet factory applied to upper surface, with tongue and groove joints, fixed concurrent with roof covering, over steel purlins at 1200mm centres, with 5mm gap between boards butt-joined between purlins.
50mm x 50mm x 3mm mild steel square section north facing: 0.6mm corrugated s-rib 80% translucent polycarbonate sheeting screwed to 50mm x 50mm steel channel sub frame with self tapping screws.
0.56mm galvanized steel internal corner flashing, flashing to be fixed to sheet using sliding brackets.
ISOBoardE of 30mm thickness and 600mm wide (with polyethylene treated kraft slip sheet factory applied to upper surface, with tongue and groove joints, fixed concurrent with roof covering, over steel purlins at 1200mm centres, with 5mm gap between boards butt-joined between purlins.
steel ribbed profiled roof sheeting - brownbuilt kip-lock 760, laid at 1:200 tall towards east - fixed to purlins with concealed fixing methods as per suppliers detail, finished with 0.56mm galvanized steel corner trim.
50mm Ø Mild steel hollow round section pin jointed between gusset plates acc. to EN's detail and spec.
200mm x 90mm x 30mm parallel flange channel chord.

100mm x 25mm thick mild steel spacers provided by specialist, welded to inside of steel column.

60mm Ø x 5mm steel round web member welded to parallel flange channel chord, secretly fixed to inside of column sleeve.

219mm Ø x 10mm steel structural column spaced 5,000mm apart.

100mm Ø HDPE down pipe concealed inside column to sump.

---

column/truss fixing

1:10

219mm Ø x 10mm steel structural column spaced 5,000mm apart.

100mm Ø HDPE down pipe concealed inside column to sump.

125mm power floated concrete surface bed.

---

column footing

1:10

Steel footplate

Grouting

Adjustable pocket

20 Ø steel holding-down bolts

Concrete stub column
MODEL

PLAN OF HALL AND POOL