30 DIAMETER ROUND STEEL PROFILE CAST INTO REINFORCED CONCRETE COLUMN

250 x 75 mm REINFORCED CONCRETE FINS SPANNING 2300 MM

150 x 30 x 4.5 mm COLD-FORMED LIPPED CHANNEL CUT SHORT AT 75
LIP SPOT WELDED TO 100 x 10 MM
FLAT PLATE AT A 35 DEGREE ANGLE AND ROLLED TO CONCRETE COLUMN
M8 HEXAGON BOLT (SABS 135)
M8 EXPANSION BOLT

50 x 75 x 5 MM STEEL U-PROFILE ANGLE FIXED WITH EPOXY GLUE
EPOXY RESIN FLOORING APPLIED ONTO SCREED
FLOOR CONSTRUCTION:
300MM CEMENT SCREED ON
150MM REINFORCED CONCRETE FLOOR ON
25 MICRON POLYETHYLEN DAMP PROOF MEMBRANE ON
APPROVED FILL COMPACTED IN WAX 150
LAYERS TO 90% MOD ASHGO

300 DIAMETER REINFORCED CONCRETE COLUMN
30 EXPOSED CONCRETE TERRAZZO
85 CONCRETE SURFACE BED CAST WITH FALL 1:100 AWAY FROM BUILDING

SCALE 1:20
DETAIL 2
25mm DIAMETER FLUORESCENT LIGHT FITTING HIDDEN UNDER PAINTED STEEL SHEET CAPPING

EPOXY RESIN FLOORING APPLIED ONTO SCREED

30mm CEMENT SCREED WITH EPOXY FINISHING

152 x 152 mm x 30 kg/m galvanized steel H-section bolted to reinforced concrete beam

Double 50 x 50 x 6mm steel equal angle bolted to reinforced concrete beam to form clamp for glass fin

15mm smartglass, coolure solar control, toughened safety glass

250 x 15mm toughened safety glass fin

Glass fixing “PATCH” fitting with connection for glass fin

SCALE 1:20

DETAIL 4
M16 FRICTION GRIP HEXAGONAL BOLT WITH THREADED INSERT
250 X 10MM STEEL FLAT CAST INTO REINFORCED CONCRETE COLUMN

330MM OFF-SHUTTER REINFORCED CONCRETE COLUMN WITH STEEL FLATS CAST IN-SITU FOR BRISE SOLEIL WESTERN WALL DETAIL

PRECAST REINFORCED CONCRETE MODULE C BOLTED TO STEEL PROFILE

225 X 75 X 4.5MM LIPPED ZED CAST INTO CONCRETE COLUMN

200 X 100MM STEEL FLAT CAST INTO REINFORCED CONCRETE COLUMN

SCALE 1:20

DETAIL 6
S-PROFILE GALVANISED CORRUGATED STEEL ROOF SHEETING @ 17 DEGREE PITCH

0.8MM FACTORY COATED STEEL SHEET FLASHING SCREWED TO ROOF SHEET, PLACE WASHERS BETWEEN FLASHING & ROOF SHEETING SO THAT FLASHING DOES NOT BUCKLE

75 X 50 X 2 STEEL UPRIGHT CHANNEL PURUN @ 1100

160 X 82 MM X 15.8 KG/M IPE STEEL I-SECTION

WATERPROOFING

30MM MIN SCREED LAD TO 1:20 FALL TO FULLBORE

250MM OFF-SHUTTER REINFORCED CONCRETE PARAPET

200MM REINFORCED CONCRETE ROOF SLAB

SCALE 1:20

DETAIL 7
S-PROFILE GALVANISED CORRUGATED STEEL ROOF SHEETING & 10 DEGREE PITCH

0.8MM FACTORY COATED STEEL SHEET FLASHING SCREWED TO ROOF SHEET. PLACE WASHERS BETWEEN FLASHING & ROOF SHEETING SO THAT FLASHING DOES NOT BUCKLE

75 X 50 X 2 MM STEEL LIPPED CHANNEL PURLIN @ 1.00

76 X 150 MM STRUCTURAL STEEL TEE CUT FROM H-SECTION

CUT-OUT SECTION

56 HEXAGON BOLT (SABS 135)

WATERPROOFING

30MM MIN. SCREEN LAYED TO FALL TO FULL DREE

200MM OFF-SHUTTER REINFORCED CONCRETE ROOF SLAB CAST WITH TIMBER PLANK SHUTTERING

100 X 8 STEEL FLAT WELDED TO STRUCTURAL TEE

76 X 153 MN X 50K/G/M STRUCTURAL STEEL TEE CUT PROP

30 X 30 X 5 MM STEEL EQUAL ANGLE

4MM CLEAR FLOAT GLASS

5-10MM SILICONE TOPPING

30 X 30 X 55 MM STEEL EQUAL ANGLE

NEOPRENE SETTING BLOCK 100MM LONG @ 750 CENTRES

160 X 82 X 15.8KG/M IPE STEEL H-SECTION

100 X 8 STEEL FLAT WALL PLATE

255MM OFF-SHUTTER REINFORCED CONCRETE PARAPET

SCALE 1:20

DETAIL 8
1400mm off-shutter reinforced concrete floor slab with curved edge detail cast with timber plank shuttering.

Cast-in-situ edge detail
40 x 75 x 4.5mm steel channel. The length of the balustrade.
Neoprene setting block at 750 centres
75 x 75 cast-in-situ gutter

40mm diameter stainless steel balustrade
Neoprene setting block at 750 centres
19mm toughened safety glass with butt joints @ 2000

Silicone topping 5 - 10mm

Steel with curved edge detail cast with timber plank shuttering.

Cast-in-situ edge detail
40 x 75 x 4.5mm steel channel. The length of the balustrade.
Neoprene setting block at 750 centres
75 x 75 cast-in-situ gutter

40mm off-shutter reinforced concrete floor slab with curved edge detail cast with timber plank shuttering.

15mm toughened safety glass with butt joints @ 2000

Silicone topping 5 - 10mm
185MM OFF-SHUTTER RENFORCED CONCRETE ROOF SLAB WITH CURVED 1000X DETAIL CAST WITH TIMBER PLANK SHUTTERING
250 X 130MM RENFORCED CONCRETE BEAM

M6 EXPANSION BOLT
NEOPRENE SETTING BLOCK @ 750 CENTERS
SILICONE SEALANT
SILICONE SEALANT
50 X 38 X 3MM RECTANGULAR HOLLOW SECTION WELDED TO CHANNEL
15MM SMARTGLASS: INTRUDERPROOF LAMINATE SAFETY GLASS
50 X 75 X 4.5MM CHANNEL BOLTED TO CONCRETE ROOF SLAB
225 X 15MM TOUGHENED SAFETY GLASS FIN

SCALE 1:20

DETAIL 11