Typical Manhole

Section A-A

- Solid Concrete Block Wall
- Steel Base
- Concrete C20
- Icom Crushed Stone
- Icom

Floor

- 60x60, 80x80

4", 6" Pipe

PVC Pipe

Variable Dimensions
Soil Backfill

- Mixture of coal & salt
- N.G.L.

Copper Rod

- 1.5 m length
- 20 mm Dia.

Fine soil

20 mm Diameter

Copper Earthing Rod

Bare copper wire (1X50 mm²) to MDB

Copper cable (1X70 mm²) to MDB

Copper earth rod

1.5 m length, 20 mm dia

Triangle formation of copper earth rod

Bare copper wire (1X 95 mm²)

Bare copper wire (1X 95 mm²)

Copper earth rod

1.5 m length, 20 mm dia

Straight formation of copper earth rod

Designed by:
Earthing System

Scale: 1/ Date: Sheet No.:
Water dispenser (Cooler-Heater):

20 liters electrical office water dispenser cooler-heater with for office use with proper specification and quality manufacturer.