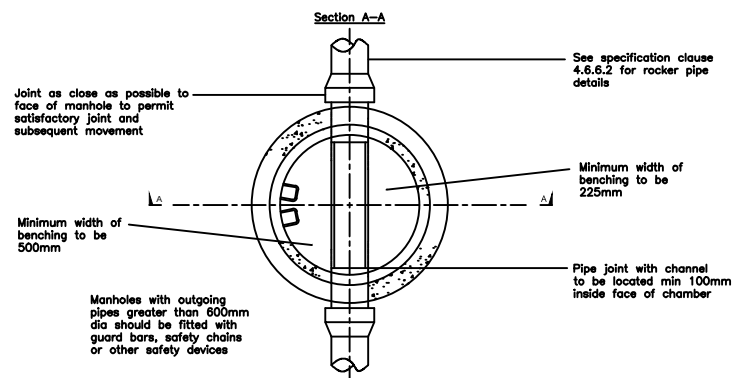
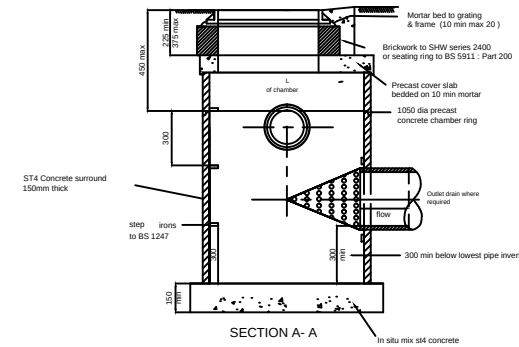


-
- 675 max.
- 300
- 300
- Chamber min 900mm
- Min. size 1200mm
- 300 min.
- 200 min.
- Minimum 100mm
- 225mm to invert
- Class B engineering bricks, precast concrete masonry units or precast concrete cover frame seating rings. Minimum 2 courses maximum 4 courses under cover frame
- All in situ concrete to be C20 with sulphate resisting cement unless agreed otherwise
- Steps Iron to BS 1247
- Construction joint
- High strength concrete topping to be brought up to a dense smooth face neatly shaped and finished to all branch connections (min thickness 20mm)
- Inverts to be formed using channel pipes
- C20 Concrete bed



A

Mix ST4 concrete apron or as required by S.H.W if situated in carriageway

Debris screen

Grating not shown

PLAN

For extremely heavy applications
(E600-F900) extend surround to surface,
200mm either side of channel.

Haunching
extended to min.
25mm from surface

3MM
Overbuild

200mm

Wearing Course

Base Course

Bedding Layer

Sub Base

BED

Technical drawing of a manhole structure showing various components and dimensions:

- Eye bracket for operating rope
- Position of access chamber
- Square MH cover (to be designed by structural engineer)
- Step rungs
- Neoprene Rubber Gasket
- Outlet Spigot
- 450mm Pipe
- 600mm Pipe
- Hydrobrake MD4
- Surge
- Inlets

Dimensions:

- 21.4
- 21.27
- 21.027

Proposed parking area construction

Car parking bay construction

Granular bed and surround

Reinforced concrete slab

Polypipe WMS attenuation structure (1.2m dia.)

Rev	Description	Date	Initial	Checked

C:\Users\pakemang\Desktop\Typical drainage details.dwg