

Rev.	Amendments	Date	Made By	Chk'd By

For all locations use double triangular 150mm depth cover and frame with minimum flange width of 75mm, to BS EN 124, D400 Kitemarked with a minimum clear opening of 675mm.

Mortar haunching to frame

Carriageway construction

Minimum clear access to be 675mm

On manholes less than 1.5m dia. reducing slab not to be used and P.C. rings to continue up to cover slab

Ladder to BS EN 14396
Max 675mm from surface to top rung

All in situ concrete to be ST4 with sulphate resisting cement unless agreed otherwise

High strength concrete topping to be brought up to a dense smooth face neatly shaped and finished to all branch connections (min. thickness 20mm)

Self cleaning toe holes to be provide where channel exceeds 600mm wide

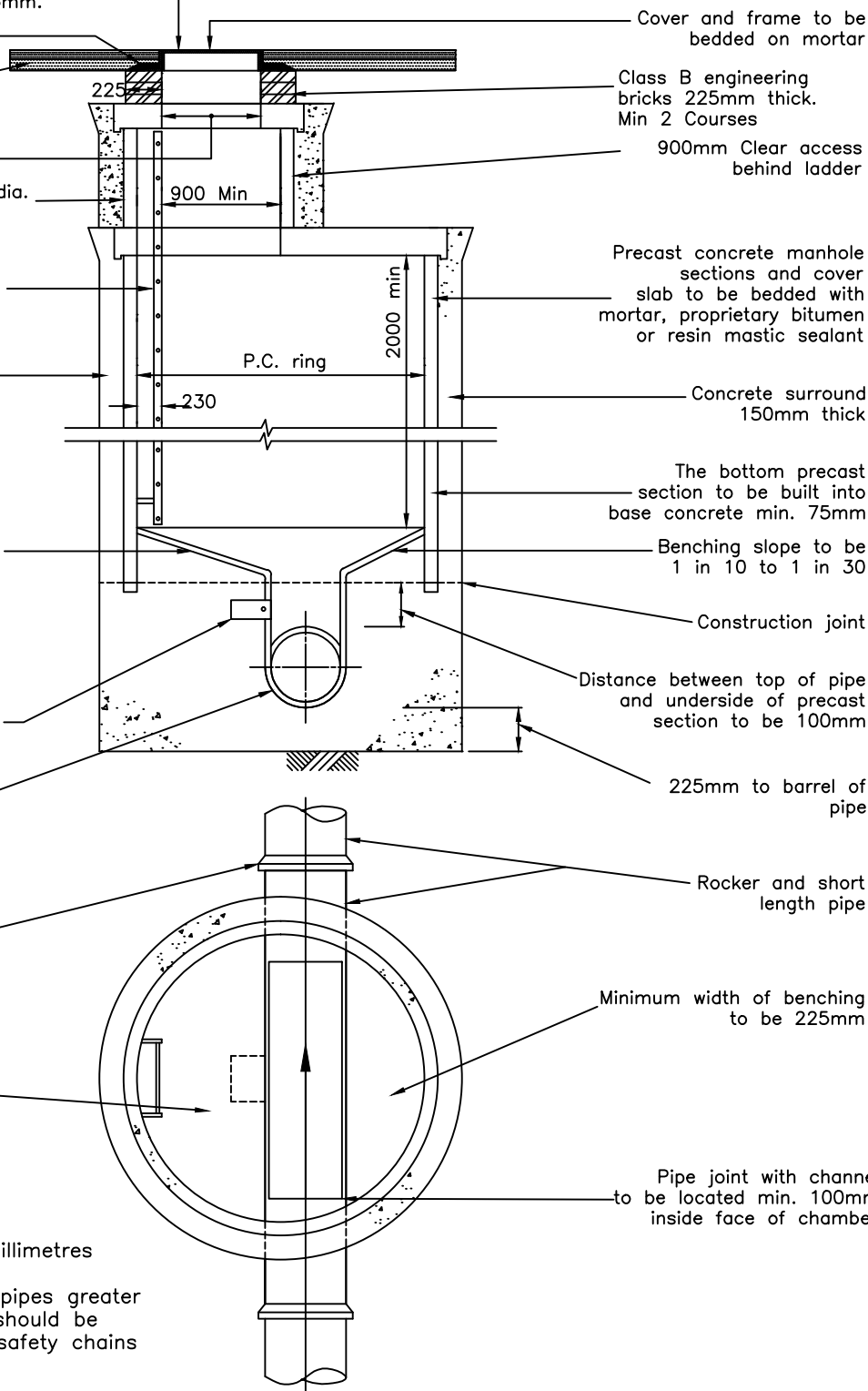
Inverts to be formed using channel pipes

Joint to be as close as possible to face of manhole to permit satisfactory joint and subsequent movement

Minimum width of benching to be 500mm

NOTES

- All dimensions are in millimetres unless otherwise stated.
- Manholes with outgoing pipes greater than 600mm diameter should be fitted with guard bars, safety chains or other safety devices.



MANHOLE DETAIL – TYPE A

Depth From Ground Level to Soffit of Pipe 3m to 6m

HIGHWAY DESIGN GUIDE STANDARD DETAILS

**RHONDDA CYNON TAF
COUNTY BOROUGH COUNCIL**



Drawn	DA
Checked	SZ
Date	Apr '11
Scale	NTS
Drg. No.	200
Rev.	