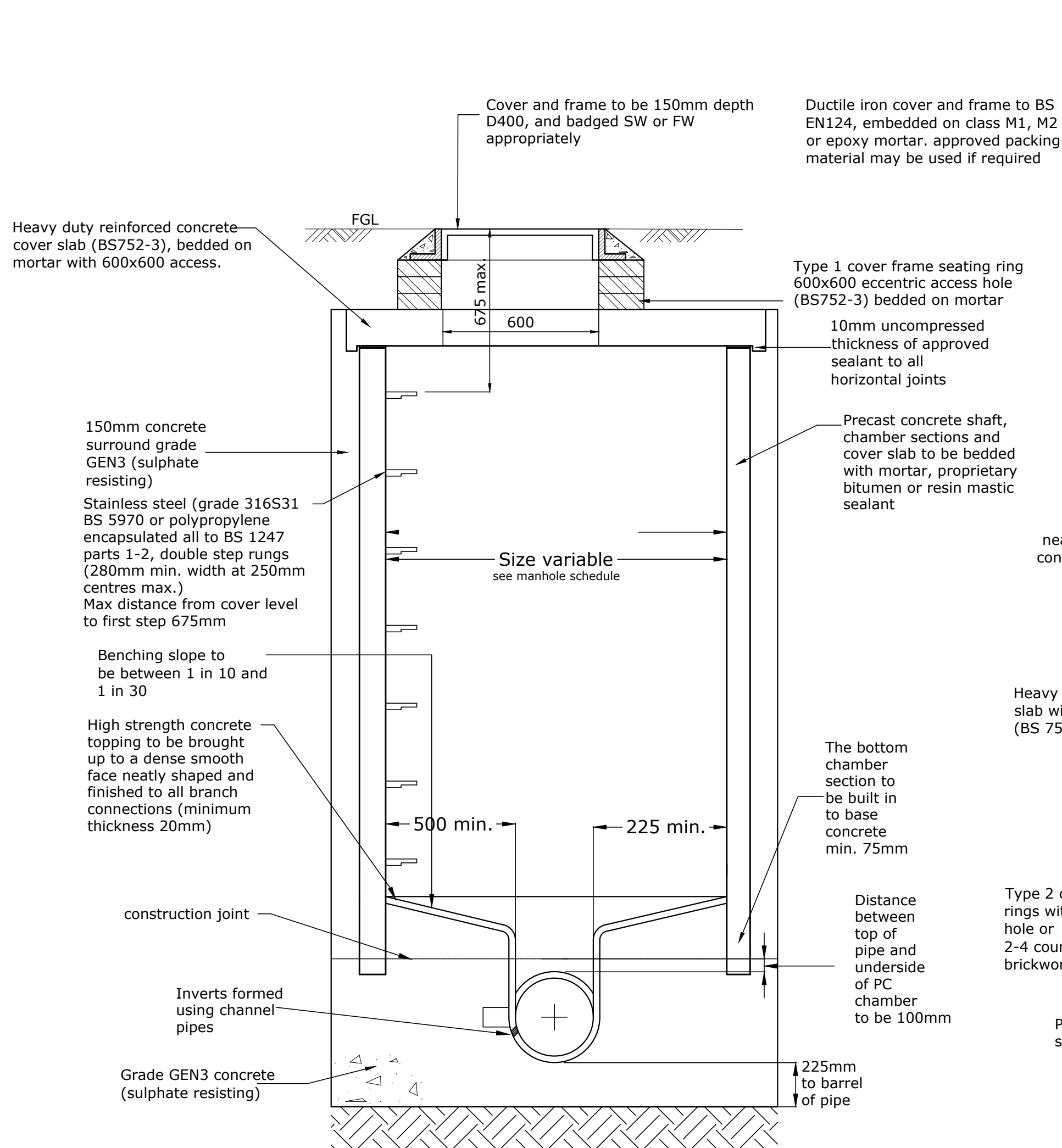




SECTION

SHAFT DIAMETER	
DIA OF LARGEST PIPE IN MH (mm)	INT. DIA OF MH (mm)
LESS THAN 375	1200
375 TO 700	1500
750 TO 900	1800
GREATER THAN 900	CONSULT UNDERTAKER

PIPE DIA. (mm)	ROCKER PIPE LENGTH (mm)
150-600	600
601-750	1000
750 & above	1250

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

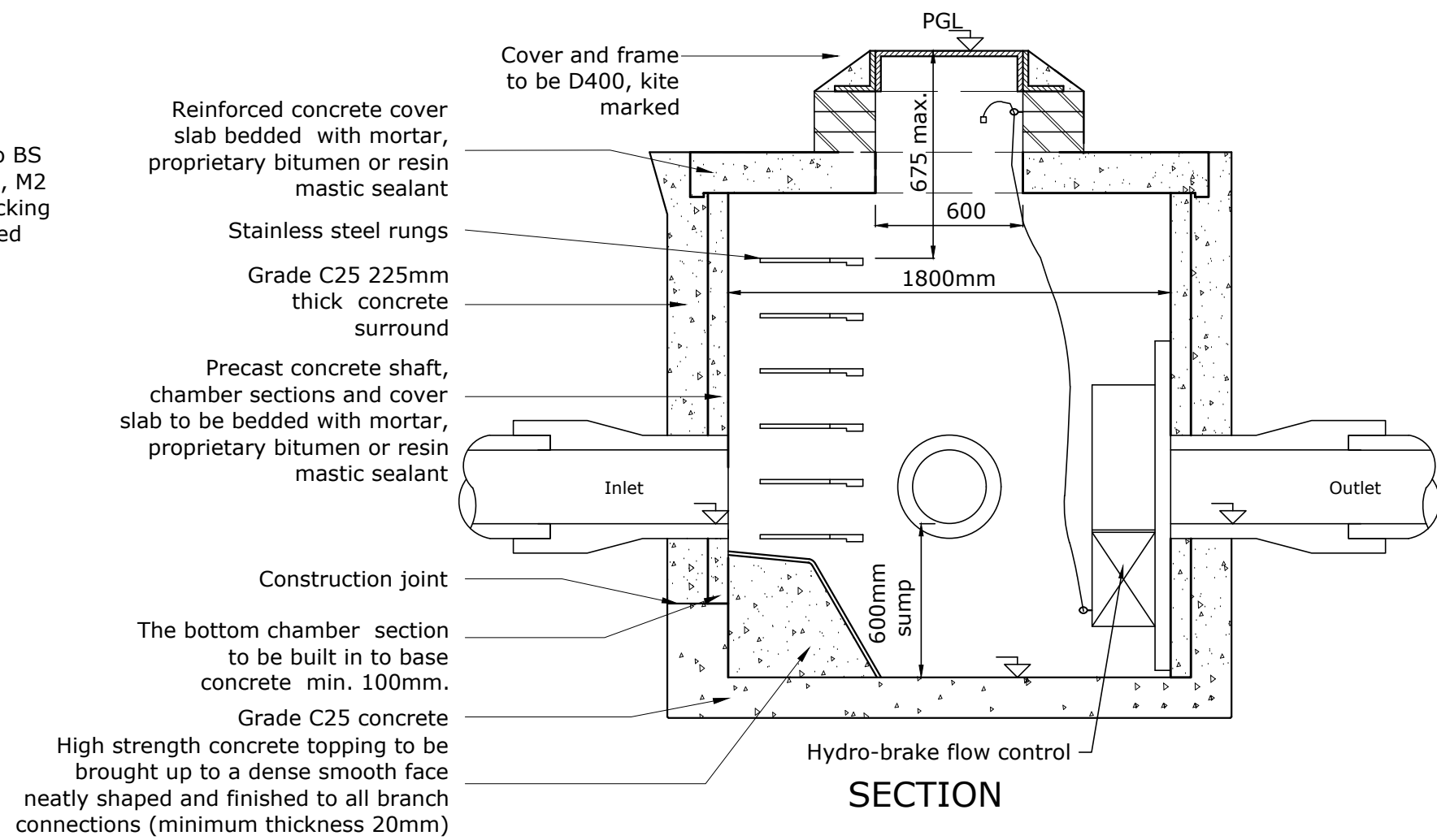
Pipe joint with channel, to be located min. 100mm inside face of chamber

Toe holes to be provided in benching of sewer greater than 450mm dia. for access to invert

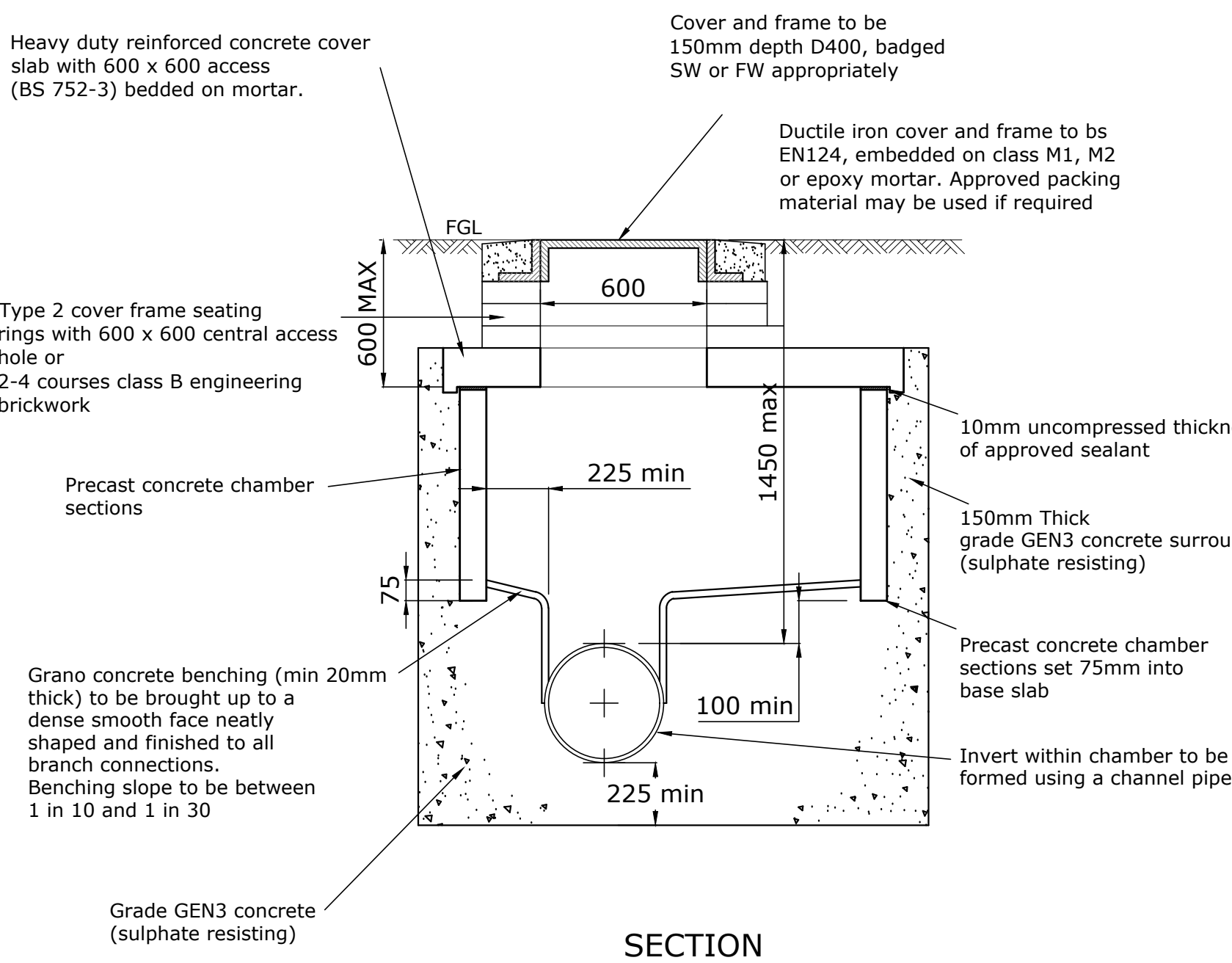
Rocker pipe

PLAN

TYPICAL MANHOLE TYPE B
DEPTH TO SOFFIT 1.45m TO 3.0m



SECTION
PRIVATE HYDROBRAKE CHAMBER
TYPICAL DETAIL



SECTION

SHAFT DIAMETER	
DIA OF LARGEST PIPE IN MH (mm)	INT. DIA OF MH (mm)
UP TO 375	1200
375 TO 450	1500

NOTE - IF PIPE EXCEEDS 450mm USE TYPE B

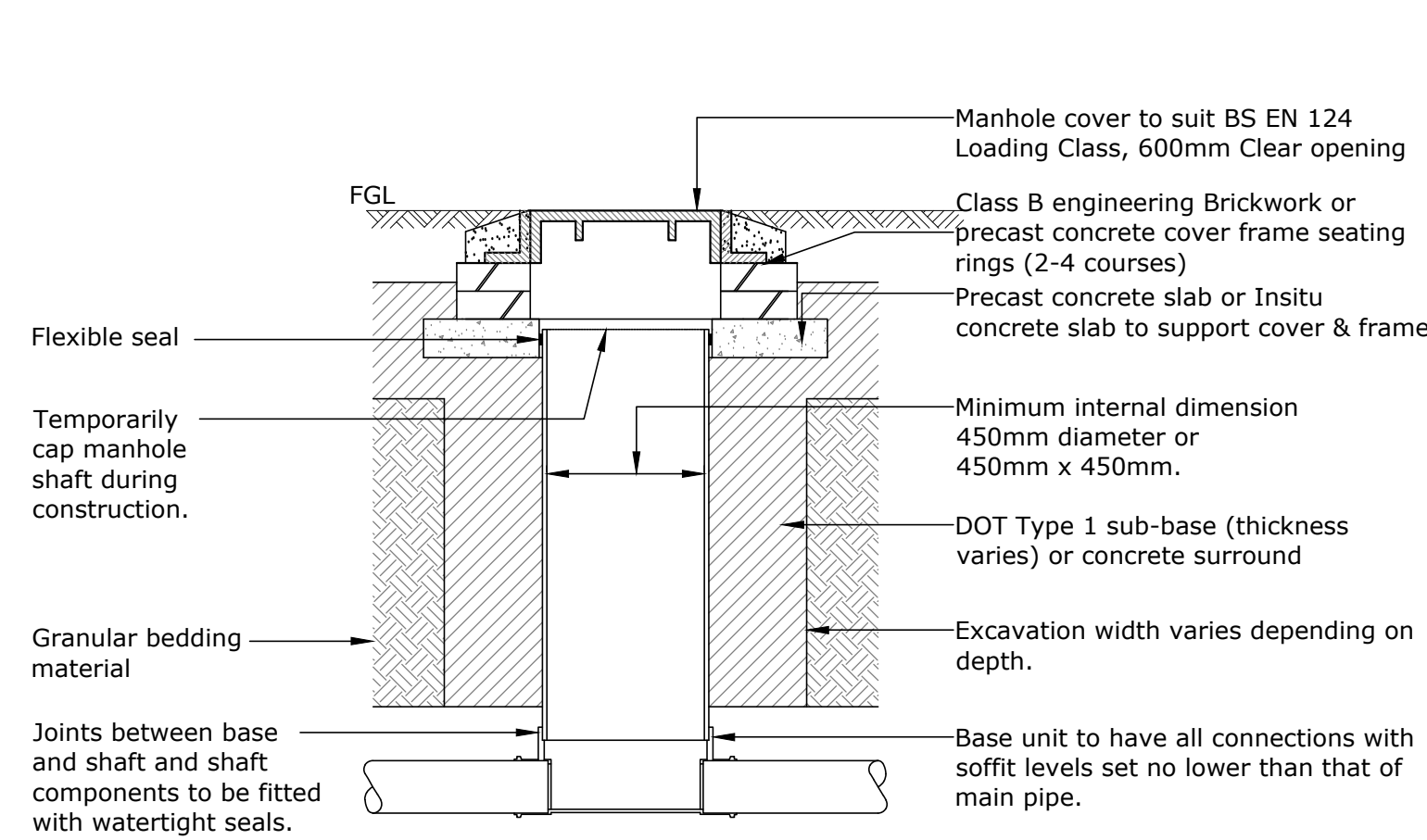
PIPE DIA. (mm)	ROCKER PIPE LENGTH (mm)
150-600	600

Double steps to be provided at depths > 1.0m

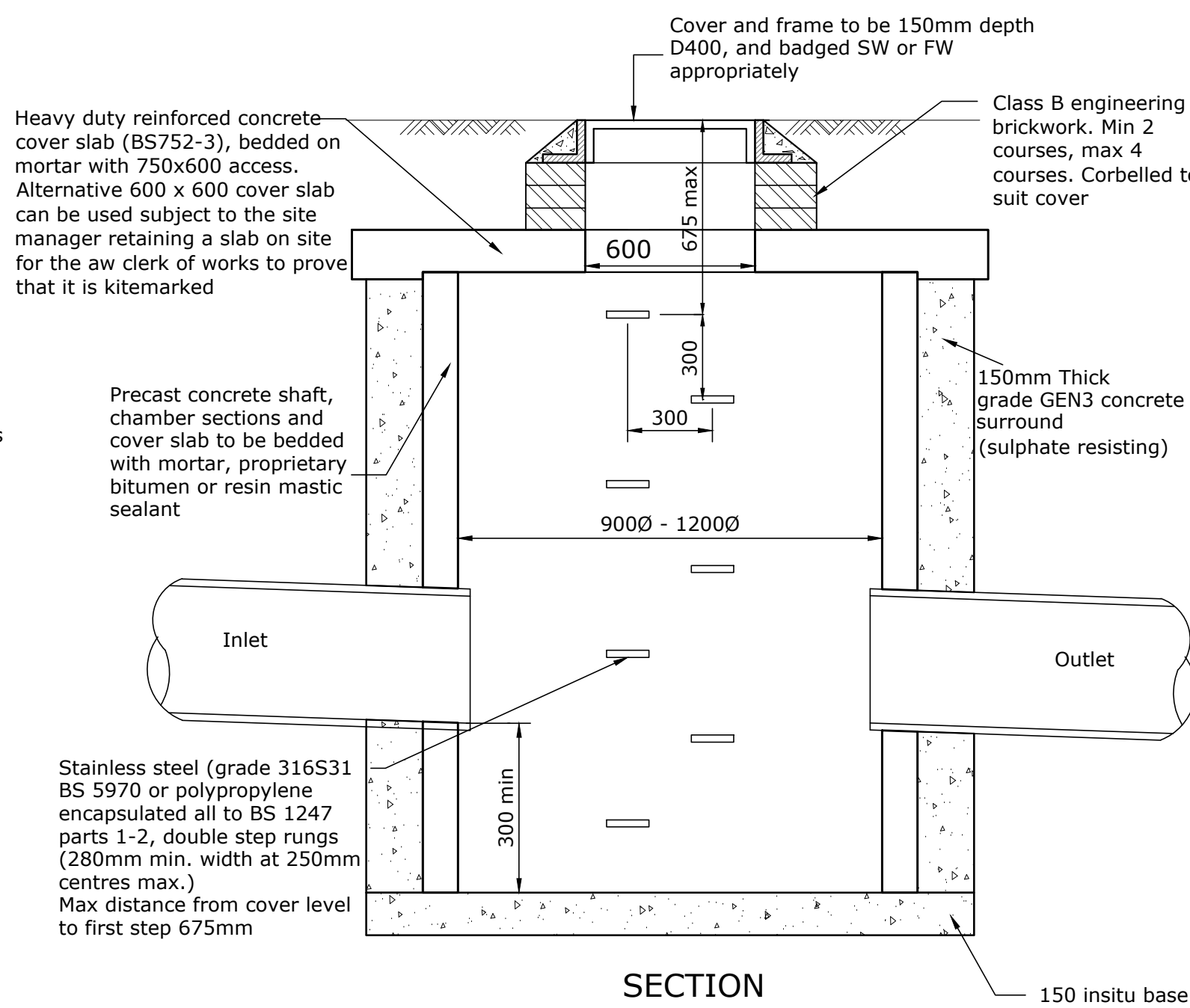
All pipes entering or leaving manholes shall have a flexible joint within 600mm of the inside face of the manhole. The next pipe shall be a short "rocker pipe" 600mm long.

PLAN

TYPICAL MANHOLE TYPE E
DEPTH TO SOFFIT LESS THAN 1.45



PRIVATE POLYPROPYLENE INSPECTION
CHAMBER DETAIL
in areas subject to vehicle loading
Maximum depth from cover level to soffit of pipe for areas subject to vehicle loading 3m, non entry.



SECTION

Pipe dia.	Rocker pipe Length
150-600	0.6
675-750	1.0
>825	1.25

Stainless steel step irons.
Cover opening

PLAN

CATCH PIT DETAIL
Catchpit to be constructed in precast concrete to BS5911 : Pt 1

NOTES:

- 1). Construction to be in accordance with Design and Construction Guide (2023) and Building Regulations
- 2). This drawing is to be read in conjunction with all relevant Rolton Group drawings and specifications
- 3). Pipes entering manholes shall have a flexible joint within 500mm of the inside face of the manhole joining with a short "rocker" pipe
- 4). Outgoing pipes with internal diameters greater than 600mm should be fitted with stainless steel safety chains to the approval of the clerk of works inspector

Notes

1. This drawing is to be read in conjunction with all the relevant contract documentation.
2. This drawing and its contents shall not be reproduced or reused in whole or in part without Rolton Group's express permission in writing and Rolton Group accepts no liability for any damages, costs, losses, claims, proceedings or expenses arising from such use.
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7. Not all hatches and linetypes shown on legends and keys may be present on this drawing. Drawings to be printed in colour by default, typical material colours are for clarity only.



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Project:
Sytner Group Porsche
Mid Sussex
New Dealership & Workshop Facility

Drawing Title:
Proposed Drainage Construction
Details
Sheet 1

RGL Project Ref:
23-0466
Scale@A1
Varies
Scale@A3
Varies
Specification(s):

Drawing Number:
230466-RGL-ZZ-XX-DR-D-140-0001
Project-Originator-Zone-Level-Type-Role-Classification-Number
Issue Purpose:
TENDER
Status:
D2-P01
Suitability-Revision