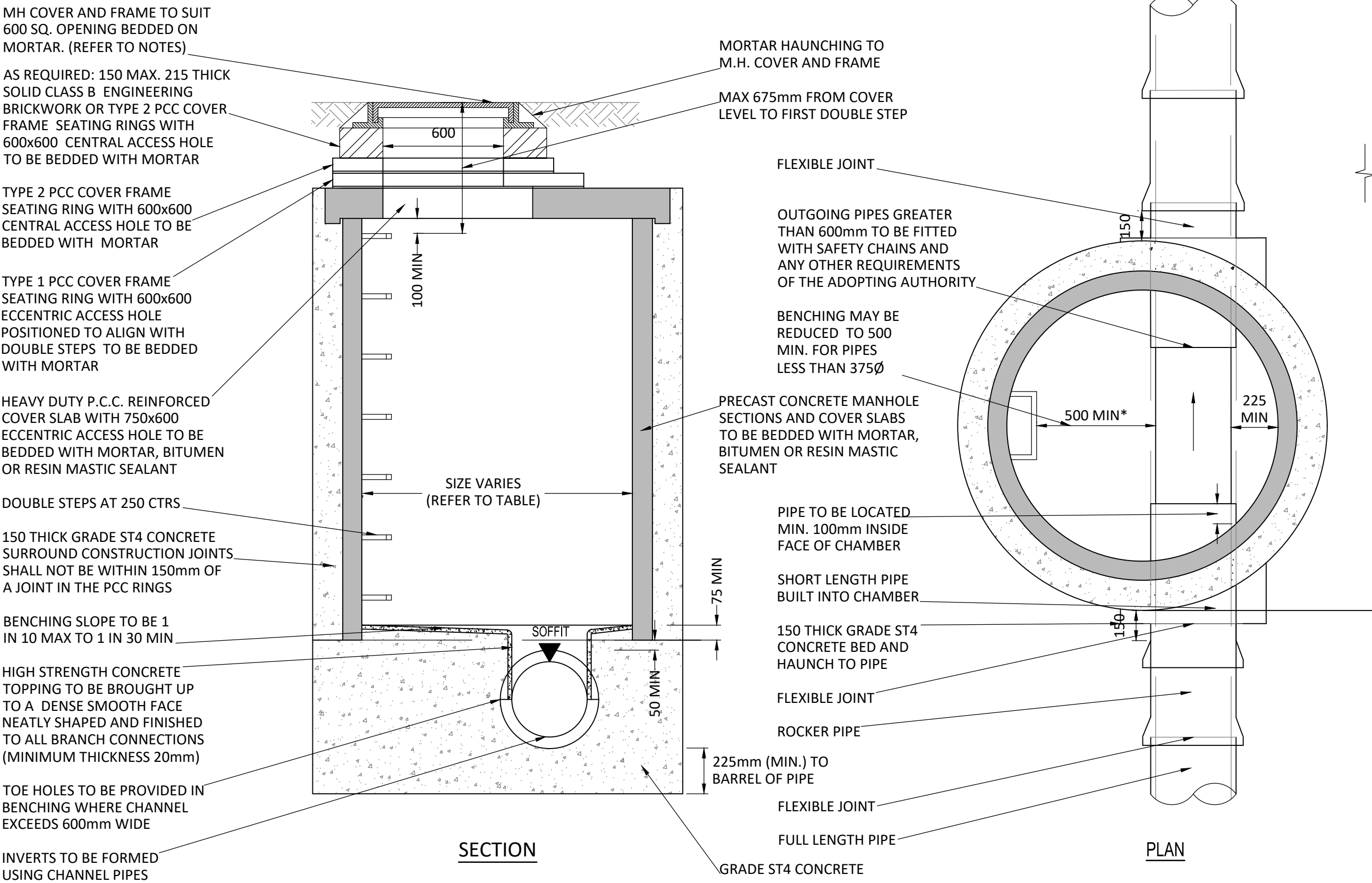




NOMINAL SIZE	EFFECTIVE LENGTH (mm)
150 TO 600	600

SHORT AND ROCKER PIPE LENGTHS
APPLICABLE TO ALL MANHOLE TYPES

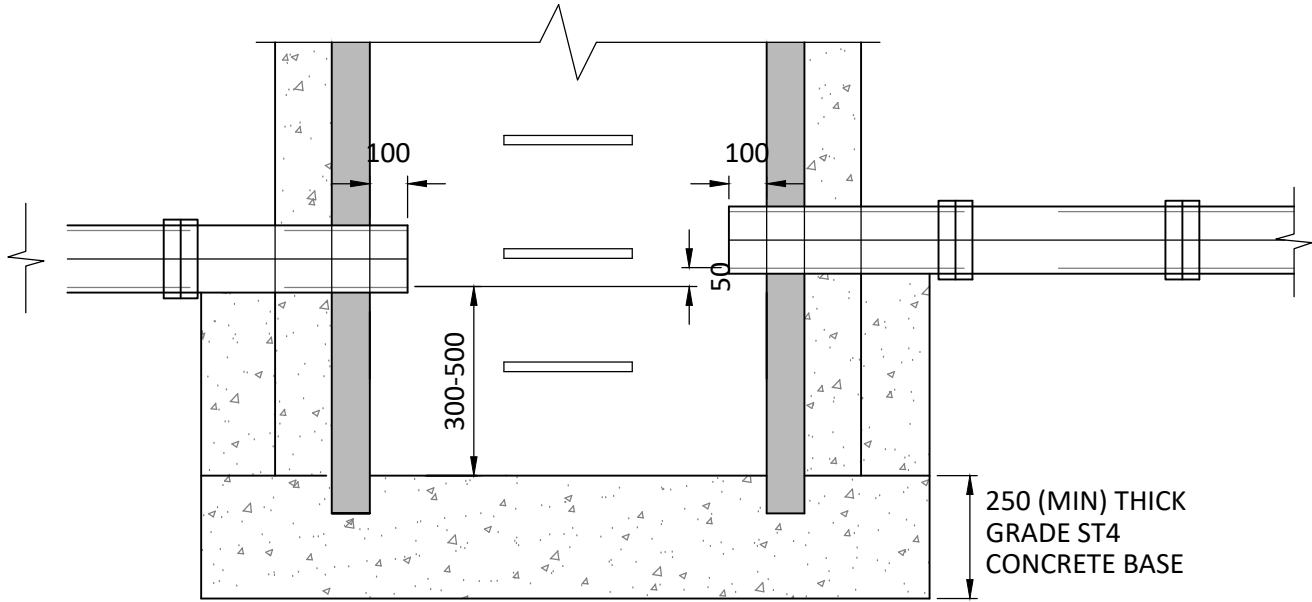
TYPICAL MANHOLE DETAIL - TYPE B (SCALE 1:20)

TYPE B MANHOLE DETAILS MAY BE APPLIED TO
TYPE A MANHOLES FOR CHAMBER DIAMETERS
LESS THAN 1500Ø & UP TO 6.0m DEPTH TO SOFFIT

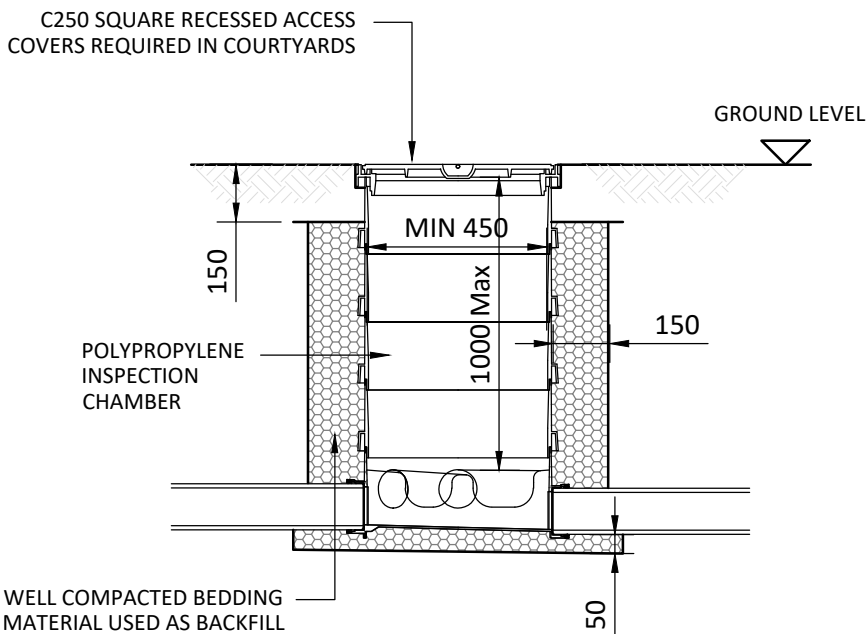
REFER TO STRUCTURAL ENGINEERS DRAWING
FOR DETAILS OF MANHOLE COVER LOCATED IN
THE GROUND FLOOR SLABS A RECESSED COVERS
SHOULD BE USED TO ACCEPT THE ARCHITECTS
REQUIRED FINISHES

DIA. OF LARGEST PIPE IN MH	CHAMBER SECTION INT.DIA. (mm)
LESS THAN 375mm	1200 (1050 WHEN DEPTH TO SOFFIT BETWEEN 1350 TO 1500)
375 TO 450	1350
500 TO 700	1500
750 TO 900	1800
1000	2100

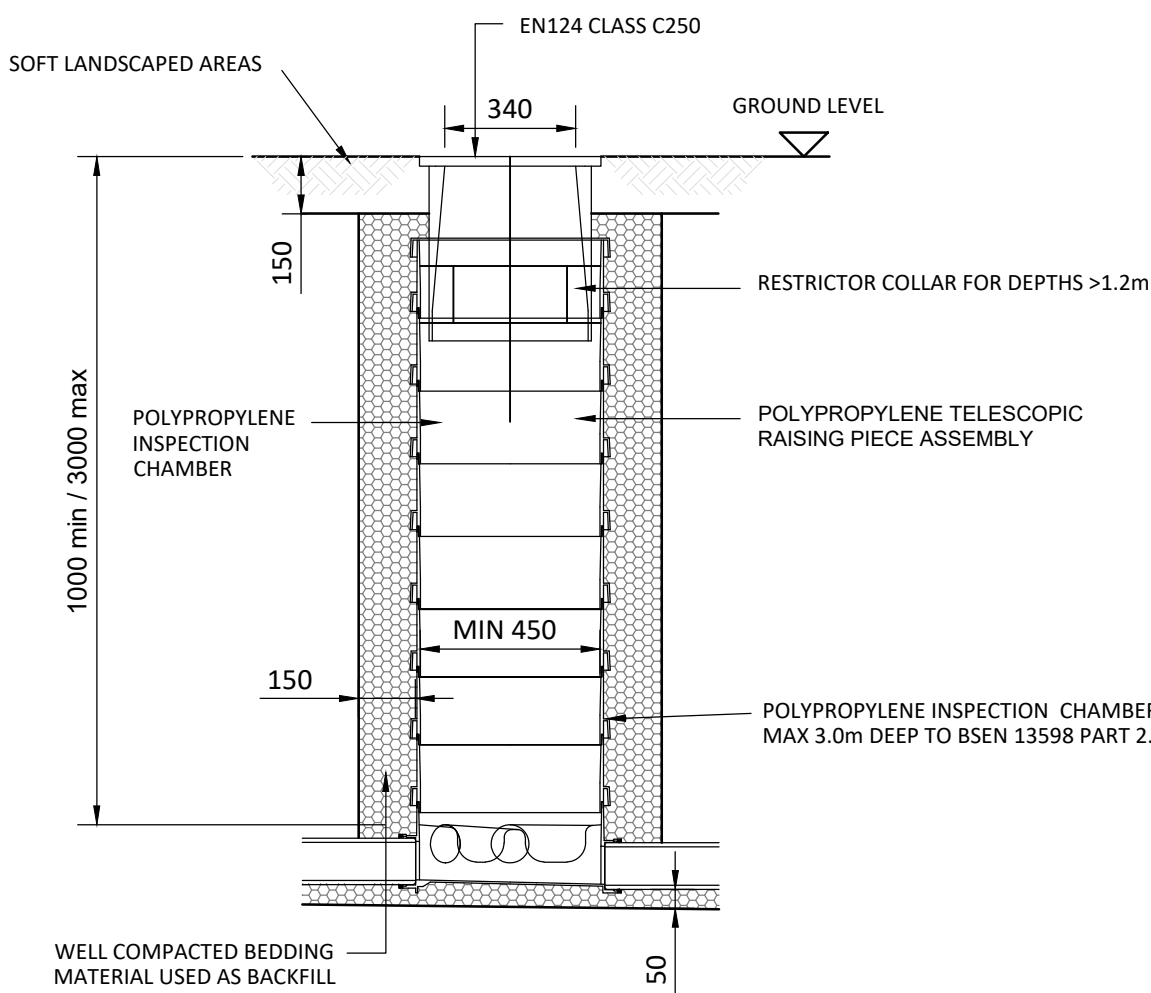
TABLE APPLICABLE TO MANHOLE TYPES A & B
(CHAMBER SIZES ARE MINIMUM REQUIRED. SEE LAYOUT FOR
VARIATIONS, IF ANY)



TYPICAL CATCHPIT MANHOLE DETAIL (PCC RINGS) (NOTE: CHAMBER TO BE CONSTRUCTION AS STANDARD TYPE B PPC MANHOLE) (SCALE 1:20)



POLYPROPYLENE INSPECTION CHAMBER



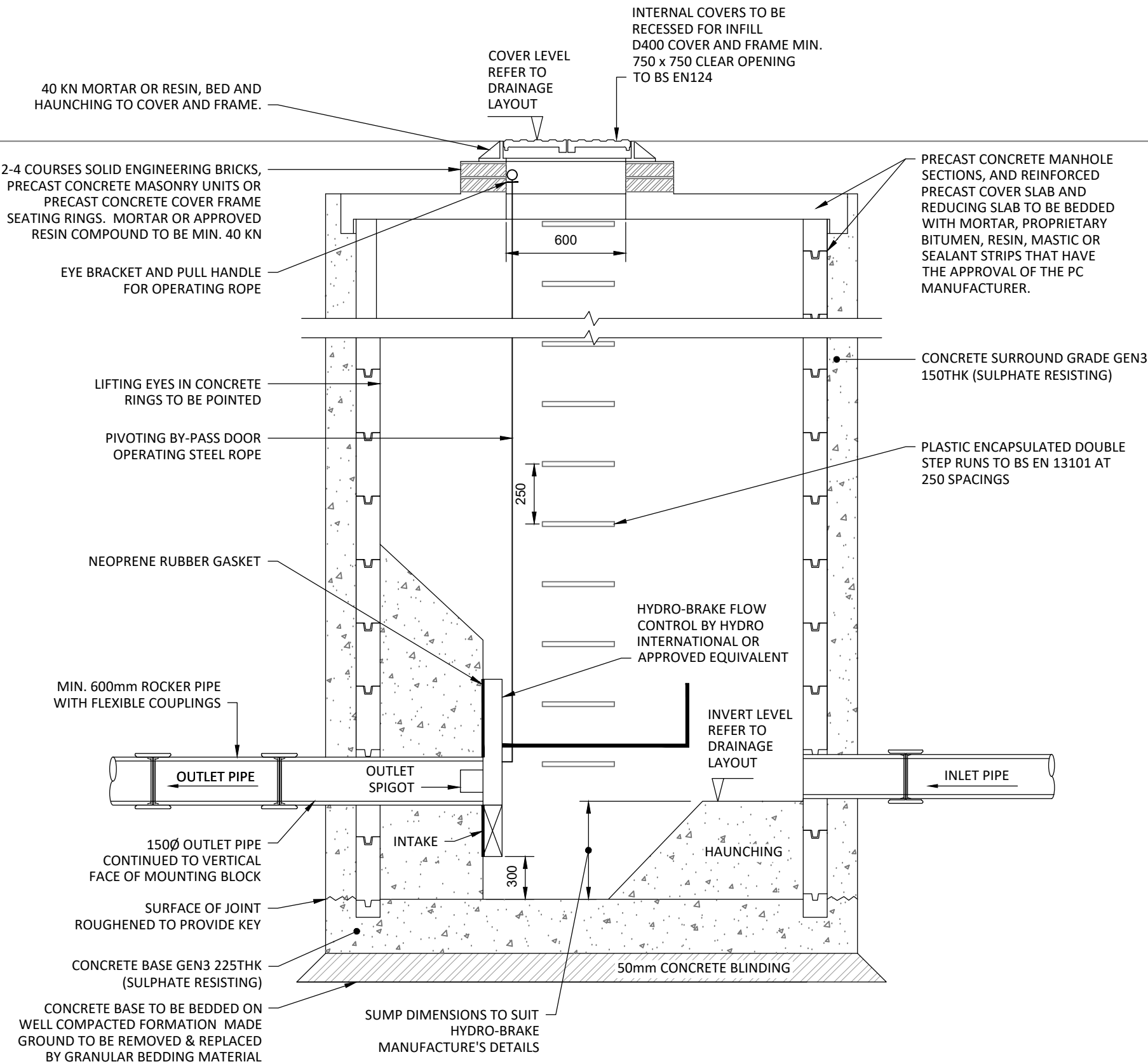
PPIC AND TYPE C - 1.0m - 3.0m

SCALE 1:20

(HARD OR SOFT LANDSCAPED AREAS)

NOT SUBJECT TO VEHICLE TRAFFIC

- FLOW CONTROL MANHOLE NOTES**
- ALL DIMENSION ARE IN MILLIMETERS
 - PRECAST CONCRETE UNITS TO BE BS5911 PART 200 AND TO BE CONSTRUCTED WITH A MINIMUM CLASS 3 SULPHATE RESISTING CEMENT
 - ALL INSITU CONCRETE TO BE GEN3 SULPHATE RESISTING CONCRETE
 - MATERIALS FOR JOINTING MANHOLE RINGS TO BE A RUBBER BITUMEN COMPOUND OF APPROVED MANUFACTURER 'TOKSTRIP' OR SIMILAR.
 - ALL BRICKWORK TO BE CLASS B ENGINEERING - 2 COURSES MIN:4 COURSES MAX; 225mm THICK
 - 20mm THICK GRANOLITHIC CONCRETE BENCHING TO BE BROUGHT UP TO A DENSE SMOOTH FACE NEATLY SHAPED AND FINISHED TO ALL BRANCH CONNECTIONS. WHERE BENCHING IS LESS THAN 450mm WIDE, SLOPE TO BE 1:10; MORE THAN 450mm, 1:30
 - PIPES ENTERING MANHOLES TO HAVE A FLEXIBLE JOINT AS CLOSE AS FEASIBLE TO OUTSIDE FACE OF ANY STRUCTURE INTO WHICH THE PIPE IS BUILT IN ORDER TO FACILITATE MOVEMENT OF THE JOINT. THE LENGTH OF THE NEXT PIPE (ROCKER PIPELINES, BEDDING, LAYING AND JOINTING OF PIPES AND BACKFILLING OF TRENCHES SHALL BE IN ACCORDANCE WITH THE W.S.A.SPEC SEWERS FOR ADOPTION - 7TH EDITION TOGETHER WITH ANY LOCAL AUTHORITY REQUIREMENTS.



FLOW CONTROL MANHOLE DETAIL

Standard Notes

- This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and the specification.
- This drawing should not be scaled.
- All dimensions are to be verified by the contractor on site.
- All discrepancies should be reported to the C.A. prior to the commencement of the works.

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Notes and Keys

15.08.22	P01	ISSUED FOR STAGE 3 SUBMISSION	CW	NH	
Date	Rev	Description	Drawn	Chkd	
 MANCHESTER LONDON LEEDS GLASGOW Civic's Warehouse, 77 Dale Street, Manchester, M1 2HG. Tel: 0161 226 6750 Riverside Wharf, 33 Mill Street, London SE1 2AA. Tel: 020 7263 2977 Tower Works, Unit 02-03, Globe Road, Leeds, LS11 5DU. Tel: 0113 2025 130 Granite Chambers, 45 Westgate St, Glasgow, G2 3PT. Tel: 0141 570 1809 www.civicengineers.com					
Project					
25 ROCHDALE ROAD					
Title					
DRAINAGE DETAILS SHEET 1					
Status					
STAGE 3					
Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
870-02	1:20	AUG 22	CW	NH	S3
Drawing Number					Revision
870-02-CIV-XX-00-D-C-10001					P01