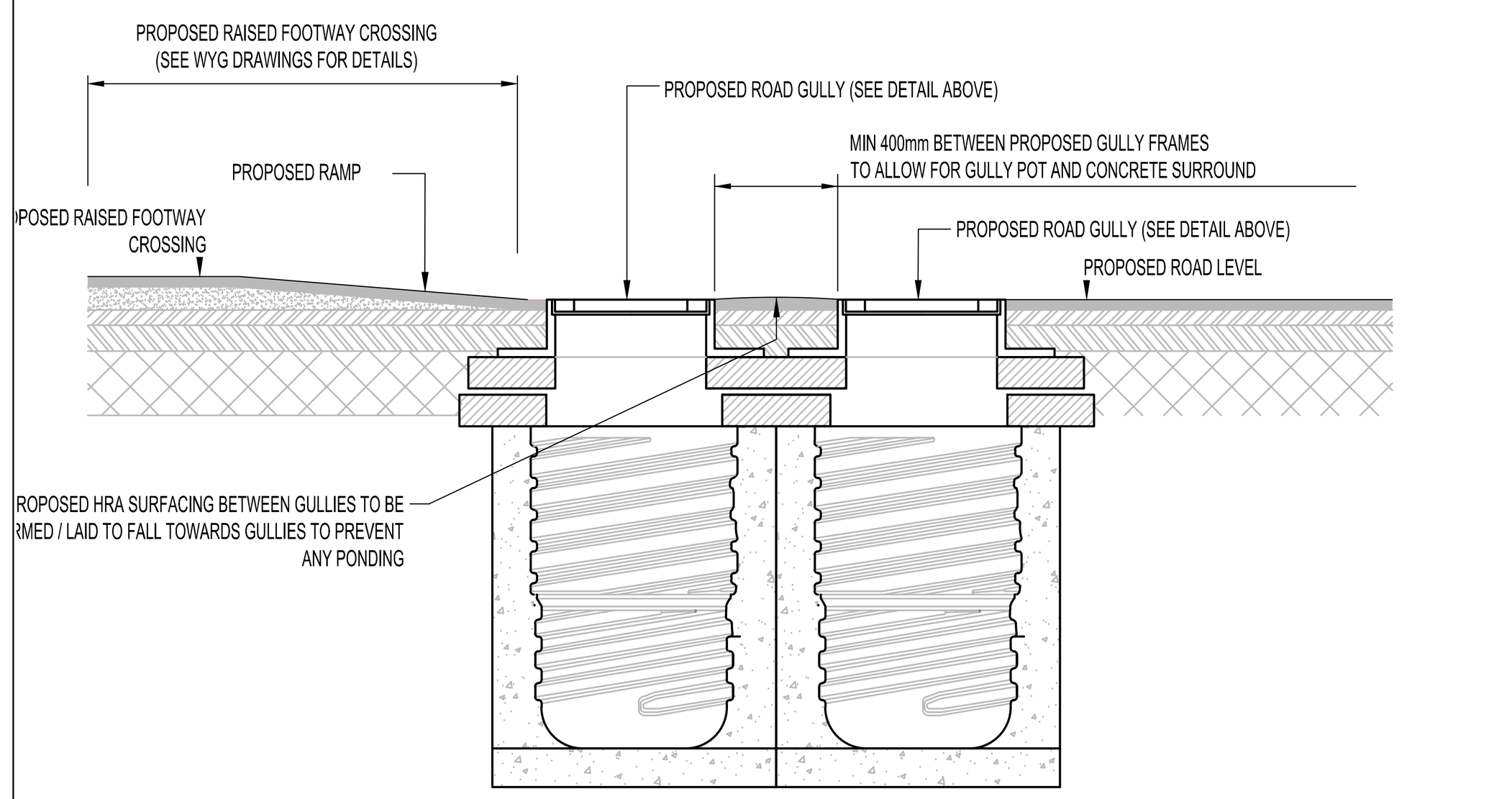
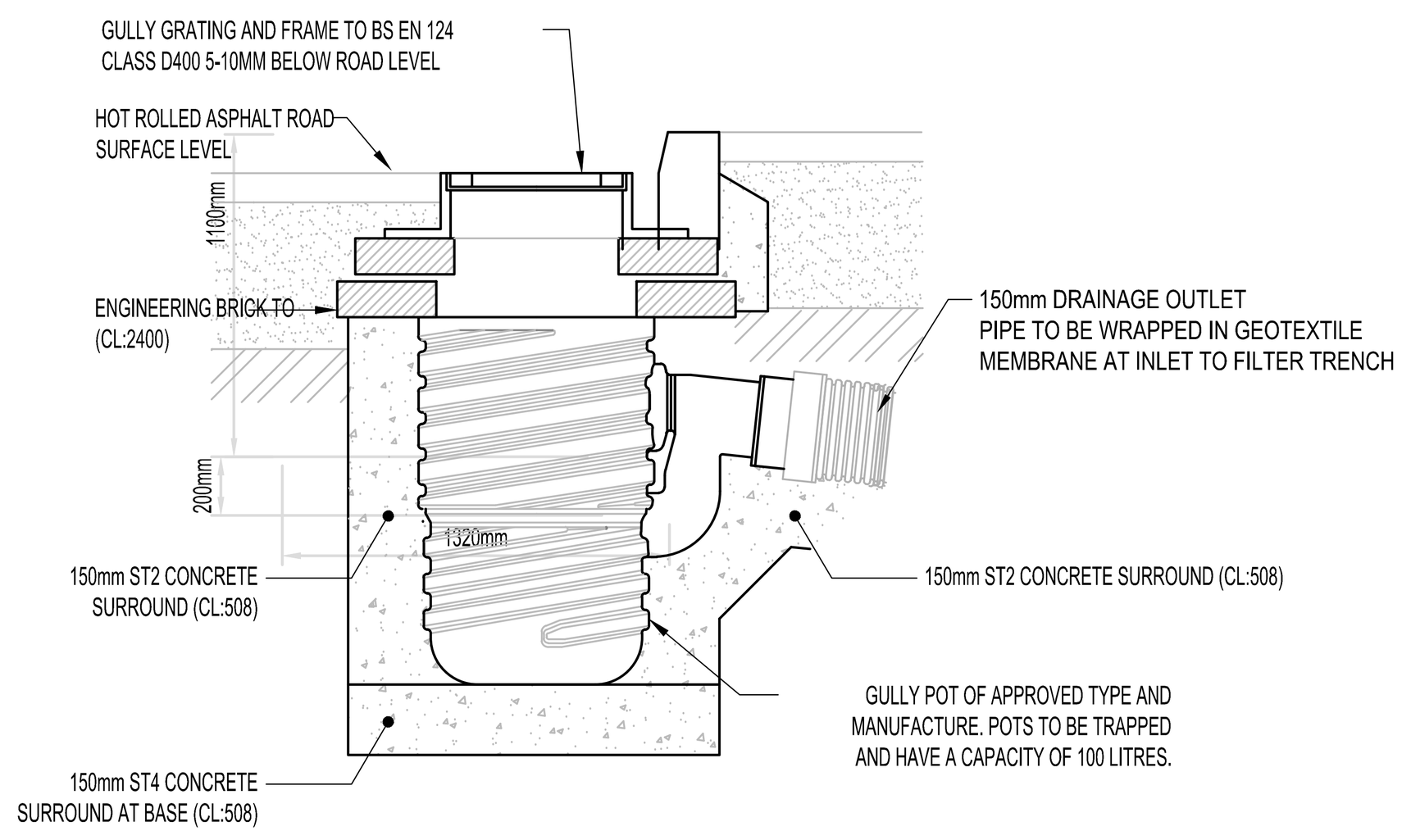


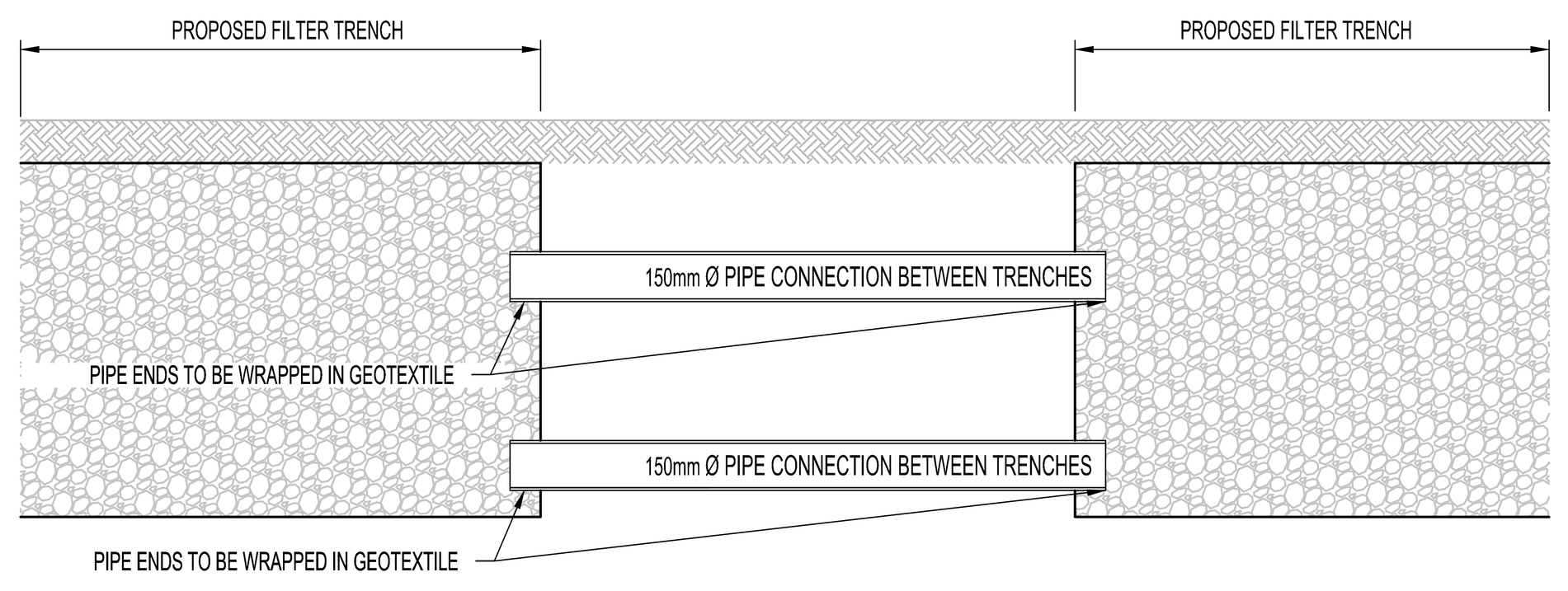
DOUBLE ROAD GULLY AT RAISED FOOTWAY CROSSING DETAIL

SCALE = 1:25



ROAD GULLY DETAIL

SCALE = 1:25



PROPOSED SECTION AT FILTER TRENCH CROSSINGS

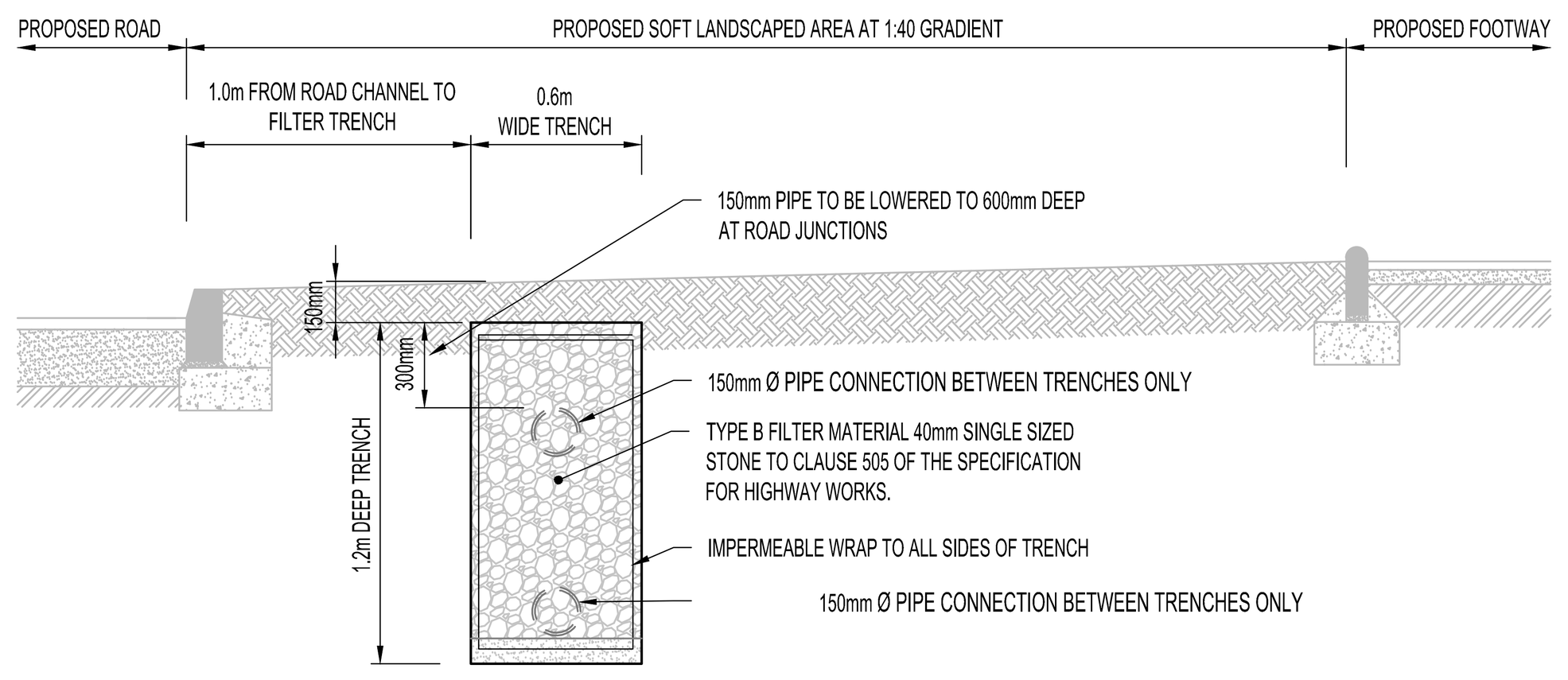
SCALE = 1:25

PIPE NOMINAL BORE (mm)	NOMINAL MAXIMUM PARTICAL SIZE (mm)	MAXIMUM CF VALUE FOR ACCEPTABILITY: NON PRESSURE PIPE	MAXIMUM CF VALUE FOR ACCEPTABILITY: PRESSURE PIPE	MATERIALS SPECIFIED IN BRITISH STANDARD
100	10	0.15	0.15	10mm NOMINAL SINGLE SIZE
OVER 100 TO 150	15	0.15	0.30	10 OR 14mm NOMINAL SINGLE SIZE OR 14mm TO 5mm GRADED
OVER 100 TO 300	20	0.15	0.30	10, 14 OR 20mm NOMINAL SINGLE SIZE OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED
OVER 300 TO 550	20	0.15	0.30	10 OR 20mm NOMINAL SINGLE SIZE OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED
OVER 550	40	0.15	0.30	14, 20 OR 40mm NOMINAL SINGLE SIZE OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED OR 40mm TO 5mm GRADED

TABLE 'A'

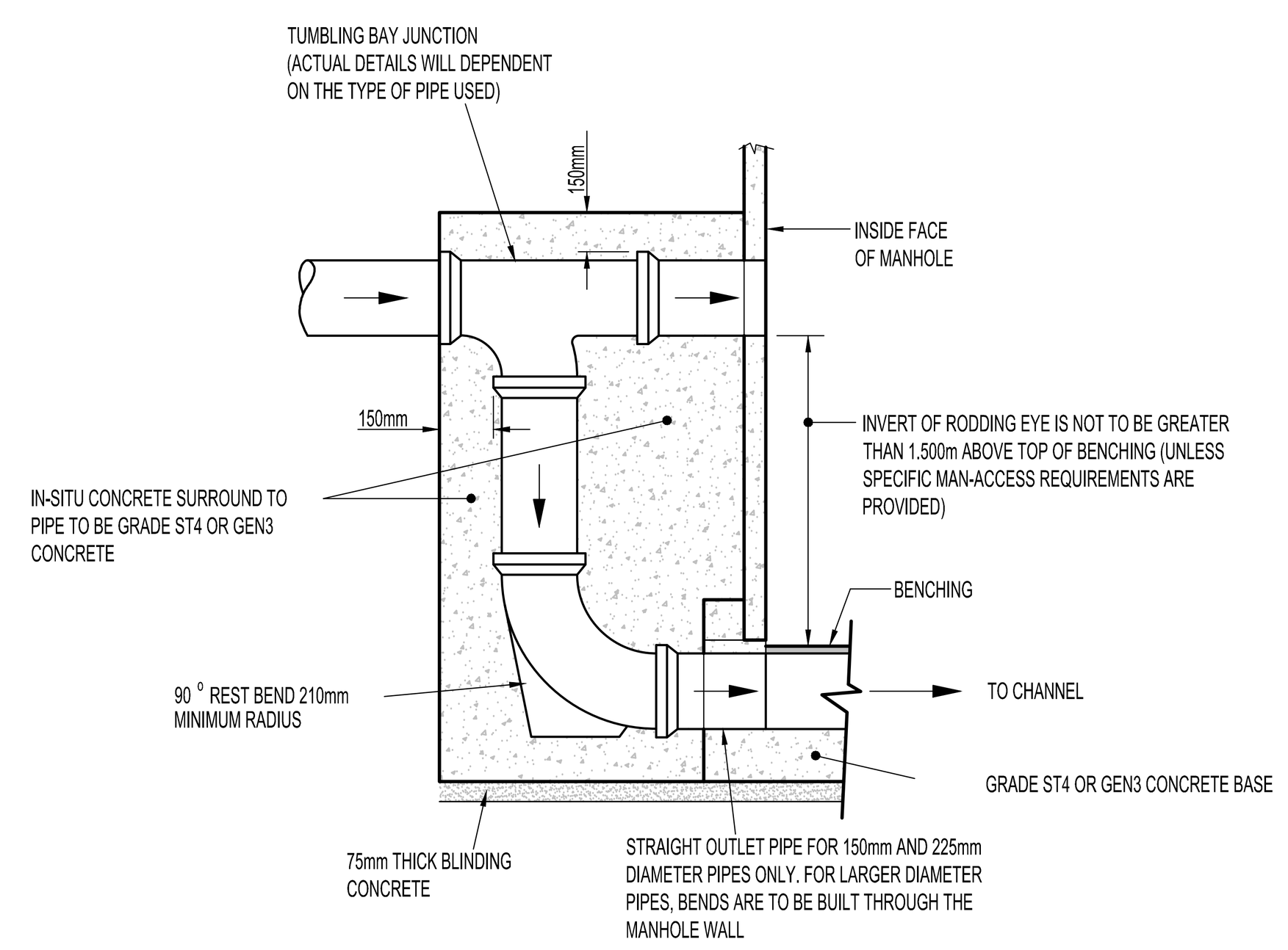
NOTES:

1. THE MINIMUM DEPTH FROM THE TOP OF THE GRATING TO THE TOP OF THE GULLY OUTLET IS TO BE 750mm WHEN THE CONNECTING PIPE IS UNDER A CARRIAGEWAY OR A HARD SHOULDER AND 600mm ELSEWHERE.
2. PRECAST CONCRETE GULLIES SHALL BE TO BS5911: PART 2.
3. WHEN AN INSITU CAST GULLY HAS A TRAP, THE STOPPERS SHALL COMPLY WITH REQUIREMENTS OF BS 5911: PART 2.
4. THE GULLY GRATING NORMALLY SHALL BE D400 OR C250 TYPE AS APPROPRIATE WITH MINIMUM FRAME DEPTH OF 100mm OR B125 FOR NON-CONTIGUOUS PARKS.
5. BRICKWORK SHALL BE FLAT BEDDED (MORTAR THICKNESS 10mm TO 25mm) AND NOT TO BE TRAFFICKED UNTIL SPECIFIED STRENGTH (AS INDICATED IN THE CONTRACT DOCUMENT) IS ATTAINED.
6. THE BACK FACE OF THE GULLY POT SHALL BE IN A VERTICAL LINE WITH THE FRONT FACE OF THE KERB AND THIS WILL PRECLUDE CORBELLED BRICKWORK.
7. CORBELLING BRICKWORK IF NECESSARY, 25mm MAXIMUM.
8. LEVELLING BRICKWORK DEPTH SHALL BE A MULTIPLE OF 75mm.
9. WHERE INSITU CONCRETE GULLIES ARE FORMED WITH PERMANENT SHUTTERING SHALL HAVE A CURRENT BRITISH BOARD OF AGREEMENT ROADS AND BRIDGES CERTIFICATE.
10. WHERE BOTH NON ROCK AND CAPTIVE HINGE GRATING IS REQUIRED, THEN TYPE D400 SINGLE PIECE, HINGED, NON ROCK WATERSHED OR SIMILAR APPROVED TYPE CAN BE USED,



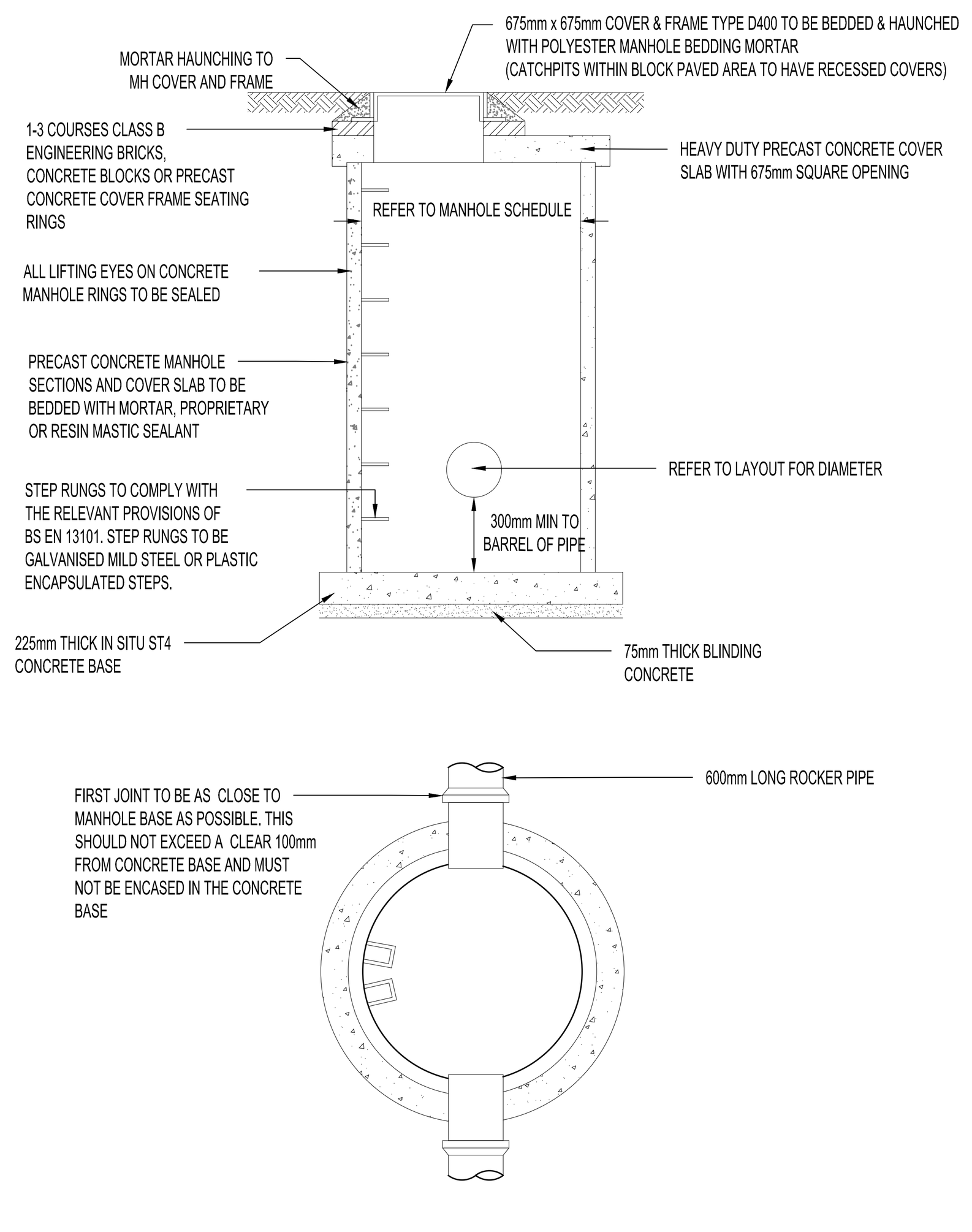
ROAD FILTER TRENCH DETAIL

SCALE = 1:25



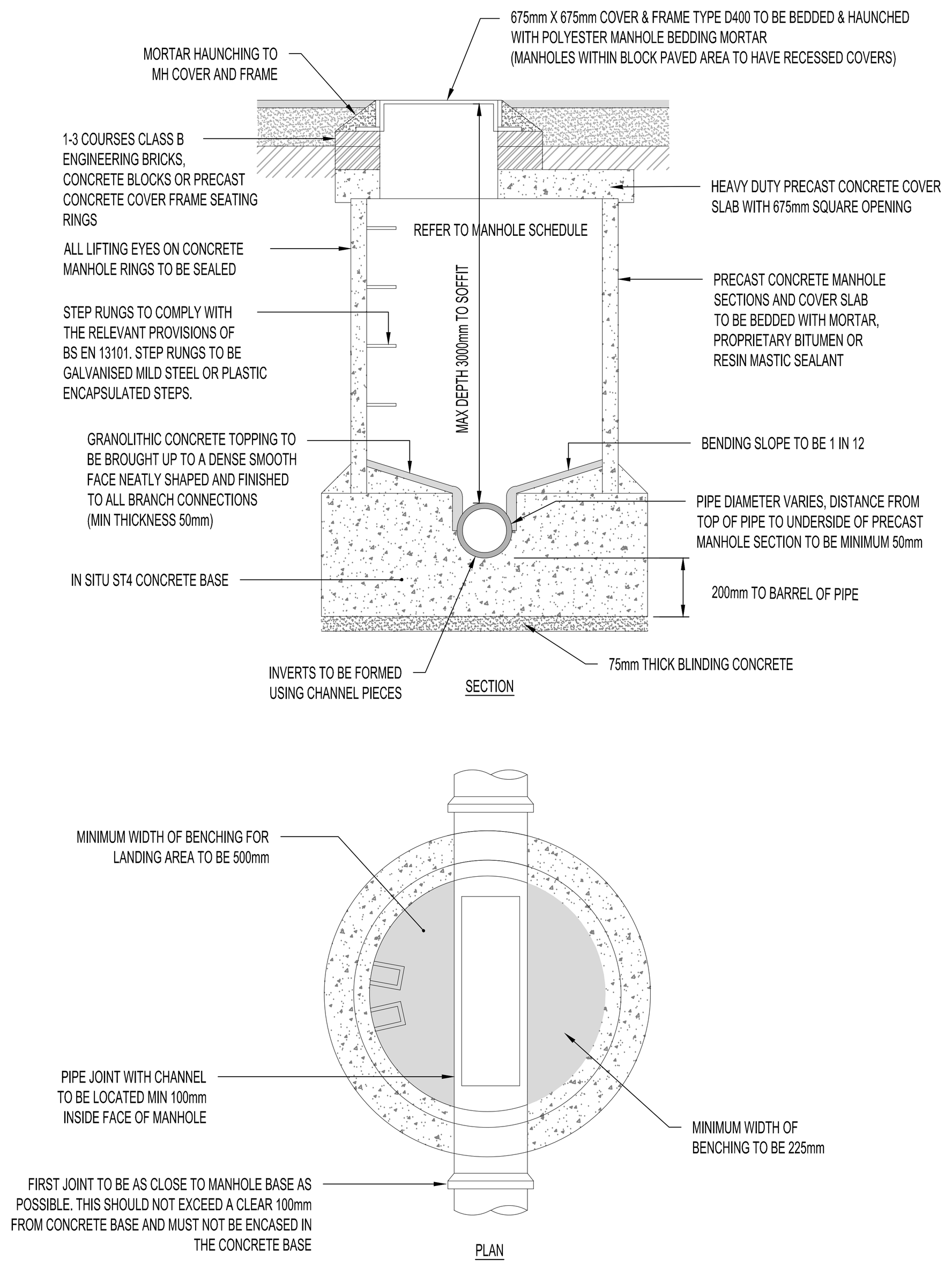
TYPICAL VERTICAL BACKDROP DETAIL

SCALE = 1:25



CATCHPIT MANHOLE
MAXIMUM DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3000mm

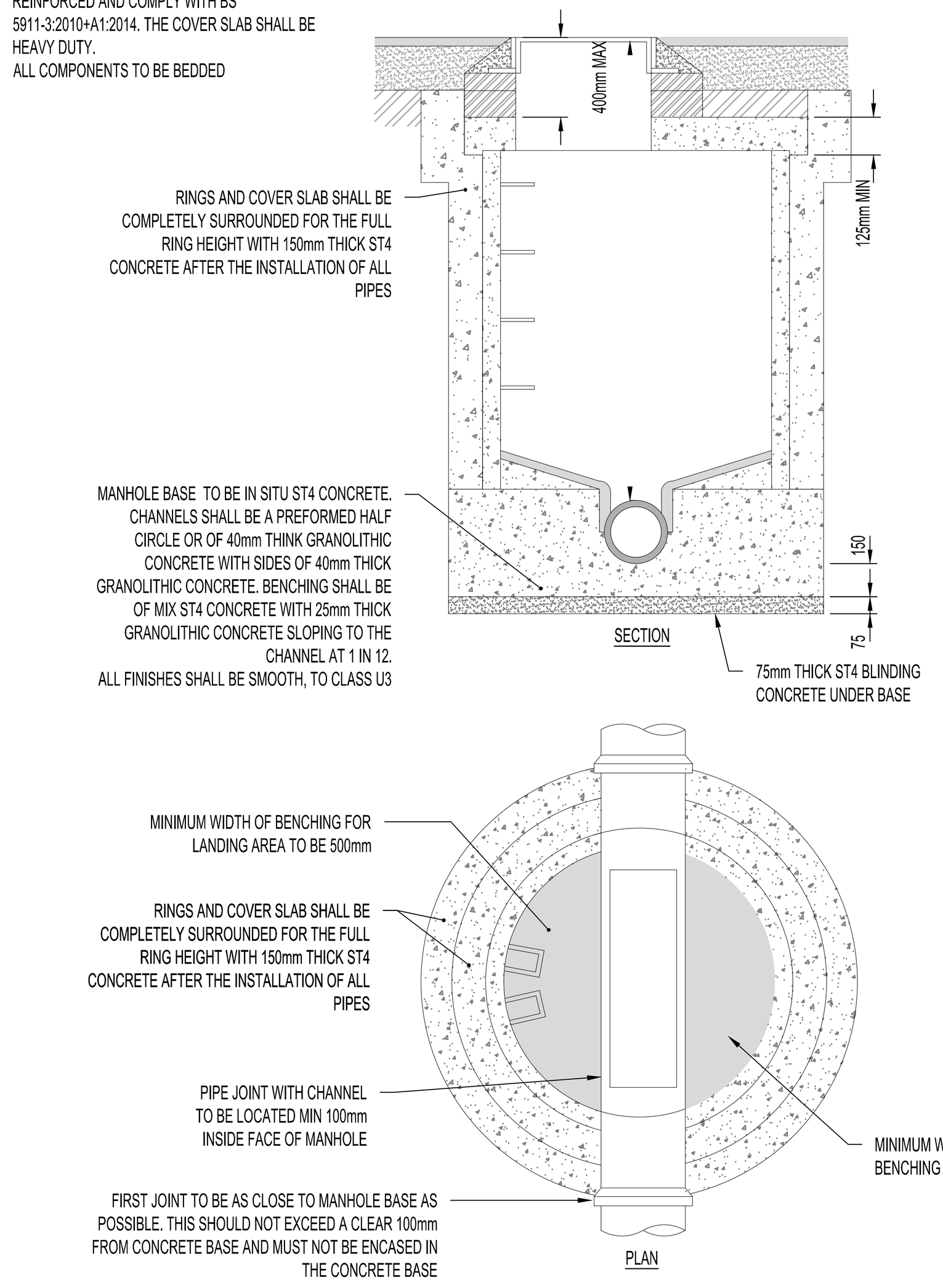
SCALE = 1:25



TYPE 'B' PRECAST CONCRETE MANHOLE
MAXIMUM DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3000mm

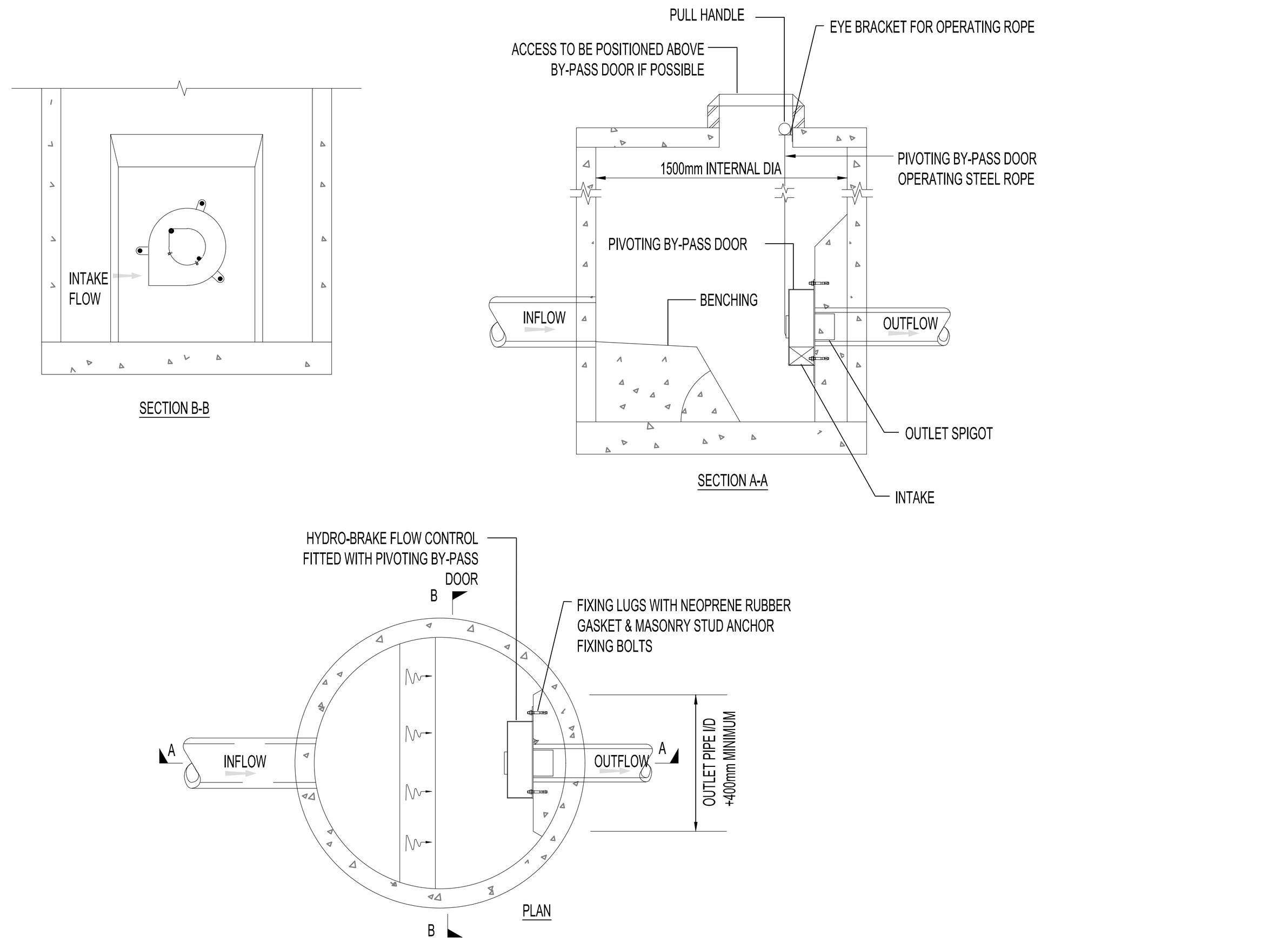
SCALE = 1:25

1. ALL PRECAST MANHOLE COMPONENTS TO BE REINFORCED AND COMPLY WITH BS 5911-3:2010+A1:2014. THE COVER SLAB SHALL BE HEAVY DUTY.
2. ALL COMPONENTS TO BE BEDDED.



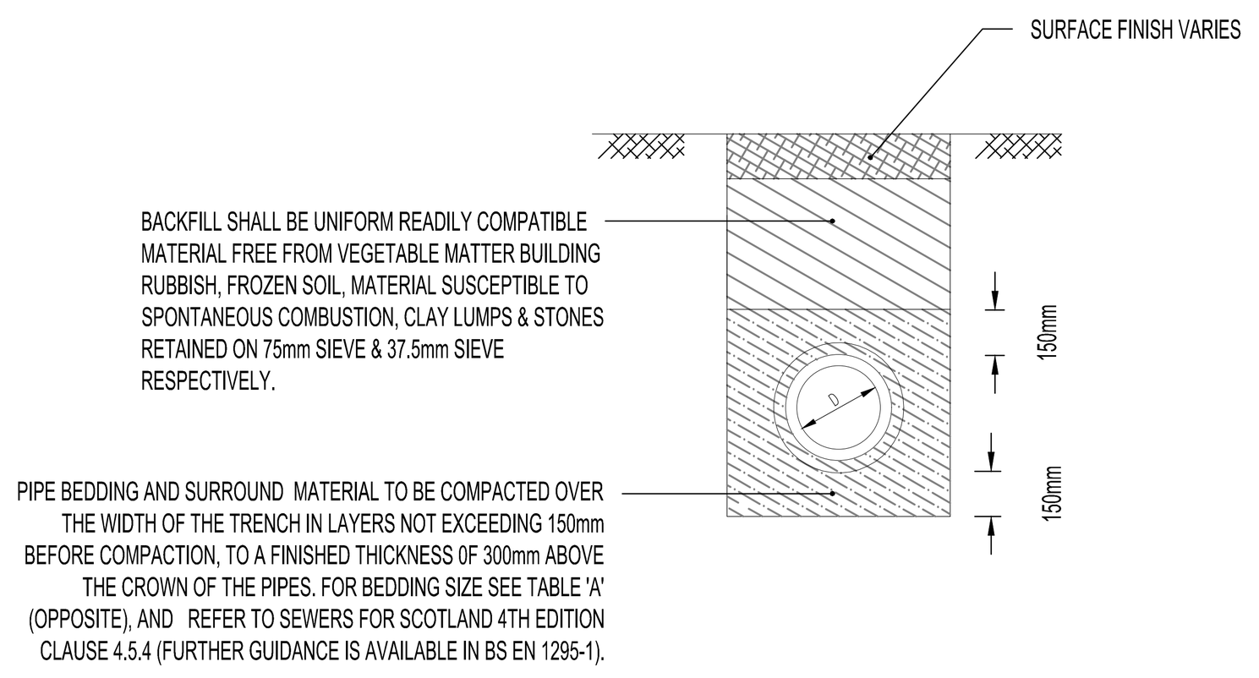
TYPE 'B' PRECAST CONCRETE MANHOLE (WITHIN ADOPTED CARRIAGEWAY)
MAXIMUM DEPTH FROM GROUND LEVEL TO SOFFIT OF PIPE 3000mm

SCALE = 1:25



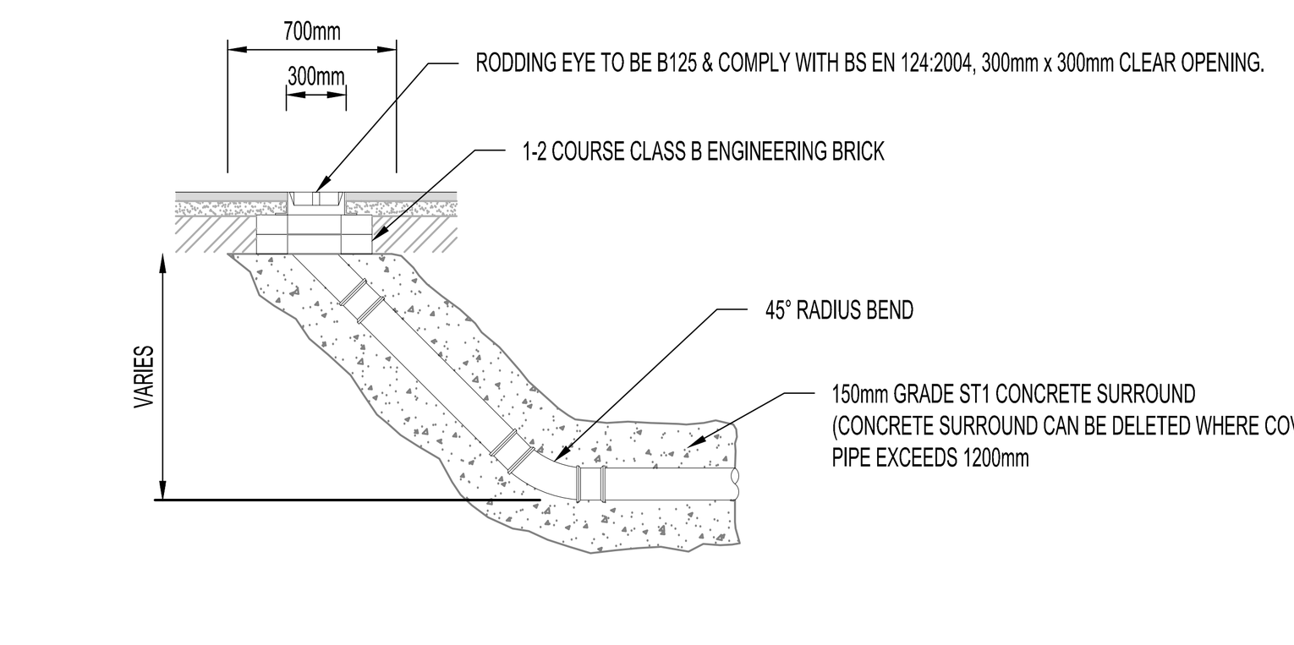
TYPE 'B' PRECAST CONCRETE CATCHPIT MANHOLE
WITH HYDROBRAKE FLOW CONTROL DETAILS

SCALE = 1:25



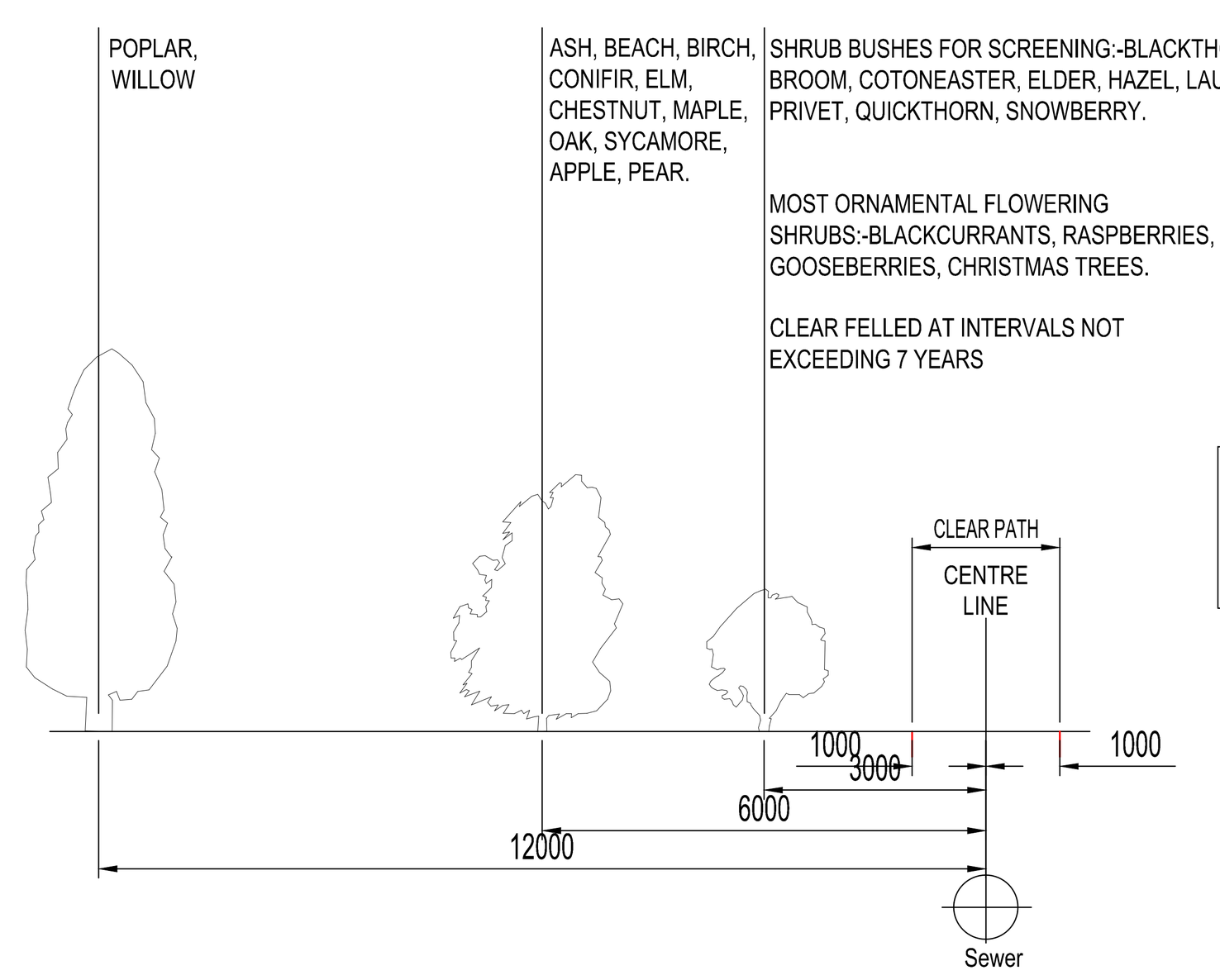
CLASS 'S' PIPE BEDDING DETAIL

SCALE = 1:25



PROPOSED RODDING EYE DETAIL

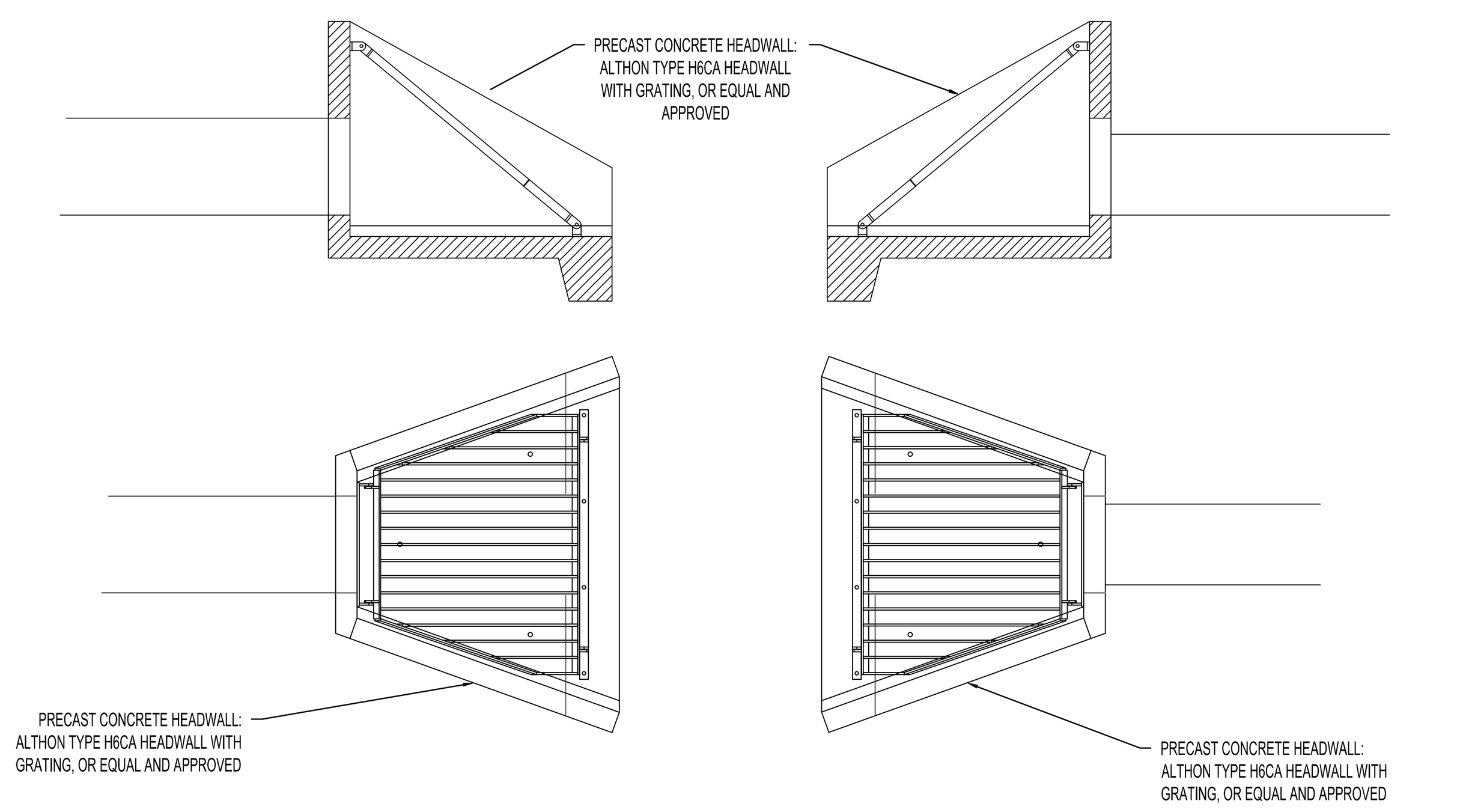
SCALE = 1:25



NOTE:
WHERE SEWERS/ DRAINS ARE POSITIONED CLOSER TO ADJACENT TREES, ROOT BARRIER PROTECTION MEASURES ARE TO BE IMPLEMENTED.

RESTRICTION ON TREE PLANTING NEXT TO SEWERS

SCALE = 1:100



INLET HEADWALL

SCALE = 1:25

OUTLET HEADWALL

SCALE = 1:25

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEER'S, ARCHITECT'S OR OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
2. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARING ANY WORKING DRAWINGS OR COMMENCING ON SITE.
3. THE CONTRACTOR MUST ENSURE AND WILL BE HELD RESPONSIBLE FOR THE OVERALL STABILITY OF THE BUILDING/STRUCTURE/EXCAVATION AT ALL STAGES OF THE WORK.
4. ALL WORK BY THE CONTRACTOR MUST BE CARRIED OUT IN SUCH A WAY THAT ALL REQUIREMENTS UNDER THE HEALTH AND SAFETY AT WORK ACT ARE SATISFIED.
5. ALL WORK IS TO BE CARRIED OUT IN COMPLIANCE WITH THE REQUIREMENTS OF THE RELEVANT STATUTORY AUTHORITIES AND REGULATIONS.

Rev	Date	Description	By
P02	15:01:21	ISSUED FOR PLANNING	KK
P01	18.12.20	DRAFTED FOR PLANNING	PM

Amendments

Project
BLINDWELLS

Title
PROPOSED DRAINAGE DETAILS

Client
HARGREAVES SERVICES (BLINDWELLS) LTD

South Suite 8 Nelson Mandela Place Glasgow G2 1BT
t 0141 418 1900
mail@watermangroup.com www.watermangroup.com

Status
PLANNING

Designed By	PM	Checked By	BG	Waterman Ref	WIE17684
Drawn By	PM	Date	10/12/20	Scales @ A0	AS SHOWN

Project - Originator - Volume - Level - Type - Role - Number
17684-WIE-98-ZZ-DR-C-00002

Revision
P02

File Path N:\Projects\WIE17684_Blindwells_Ph2\100 Overall Phase 2 Road Scheme Design\7_CAD\98_Horizontal Details\

17684-WIE-92-ZZ-M3-C-00002-XREF-DRAINAGE_DETAILS, A0-Wat-BS-S, A1-Wat-BS-S