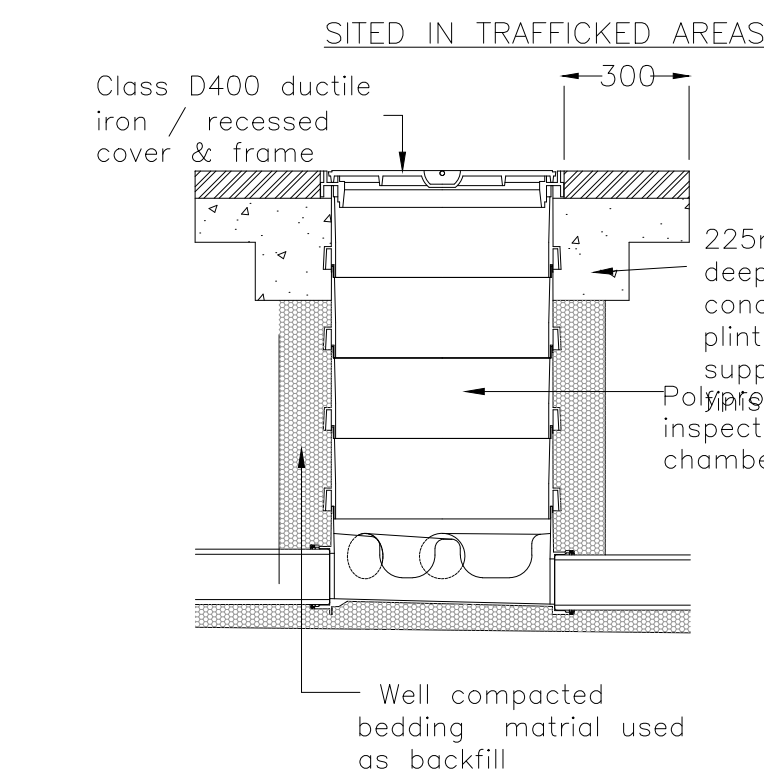
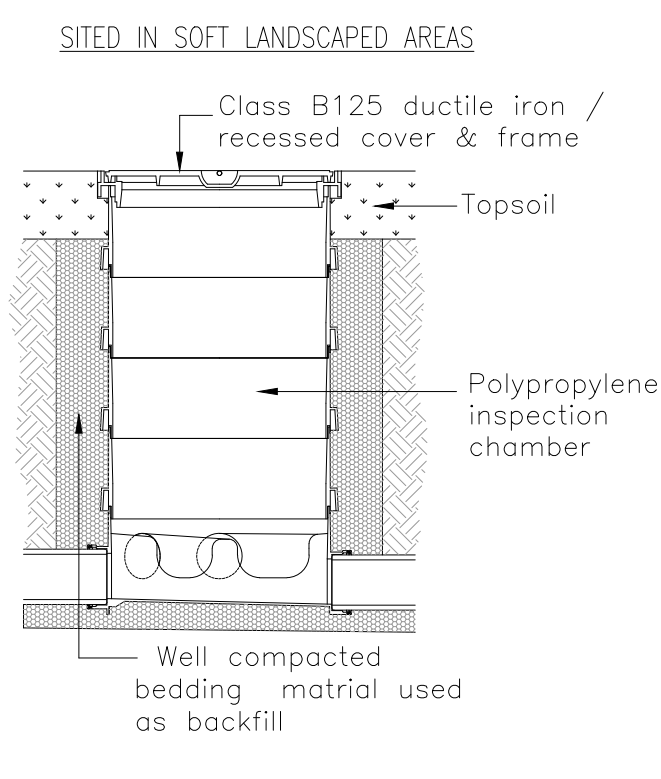
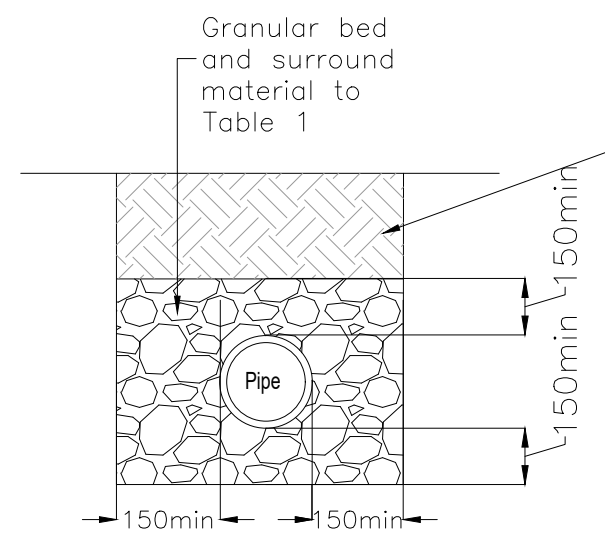




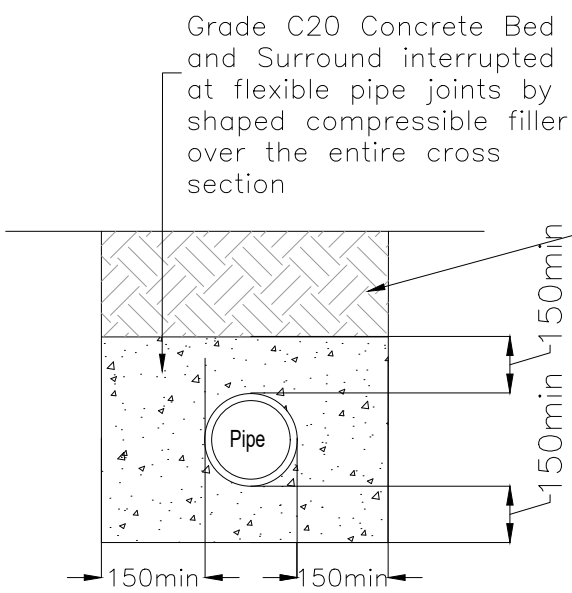
POLYPROPYLENE INSPECTION CHAMBER & COVER



GRANULAR PIPE BEDDING AND SURROUND FOR UNLOADED APPLICATIONS AND TRAFFICKED AREAS WITH OVER 1.2M COVER

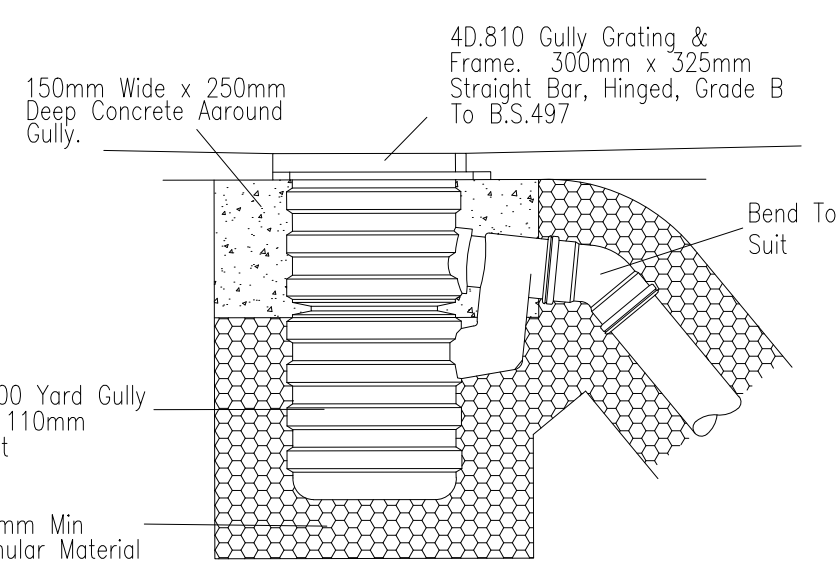


Type-1 Trench backfill material compacted in layers not greater than 250mm thick. Heavy compaction equipment not to be used until pipe has minimum cover of 250mm.

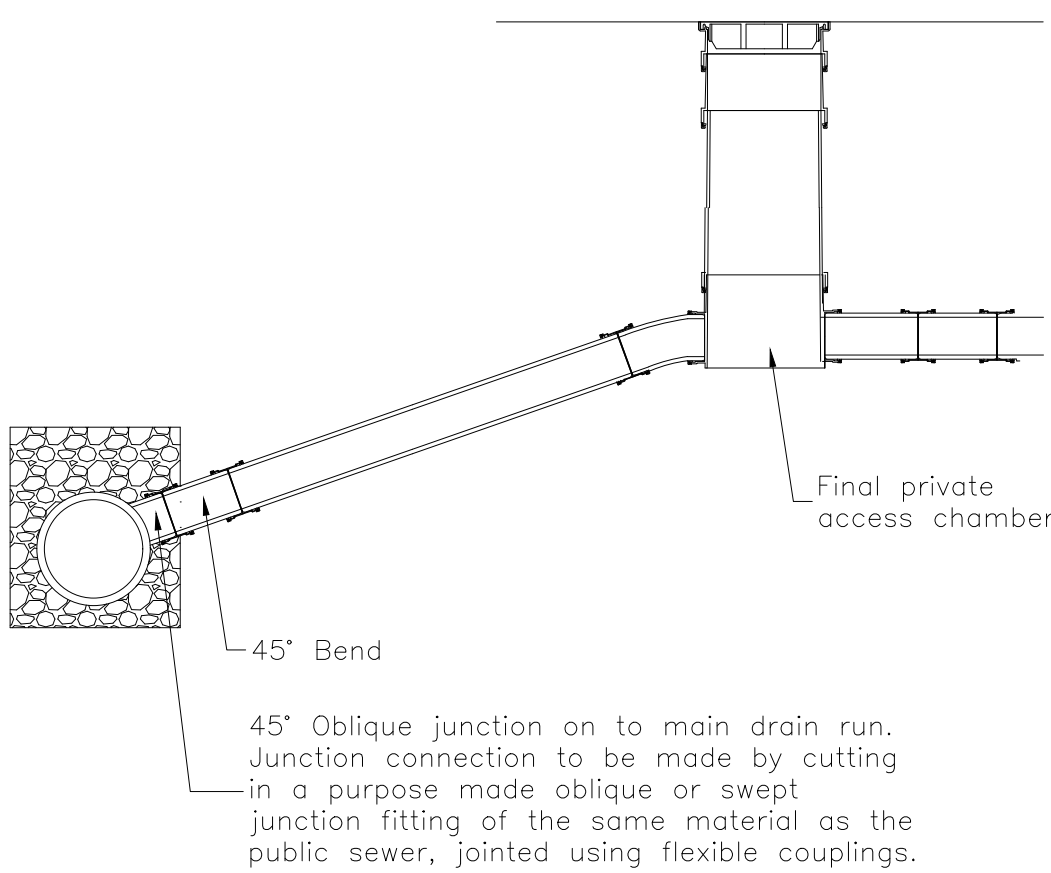


CONCRETE BEDDING AND SURROUND FOR TRAFFICKED AREAS <1.2M DEEP

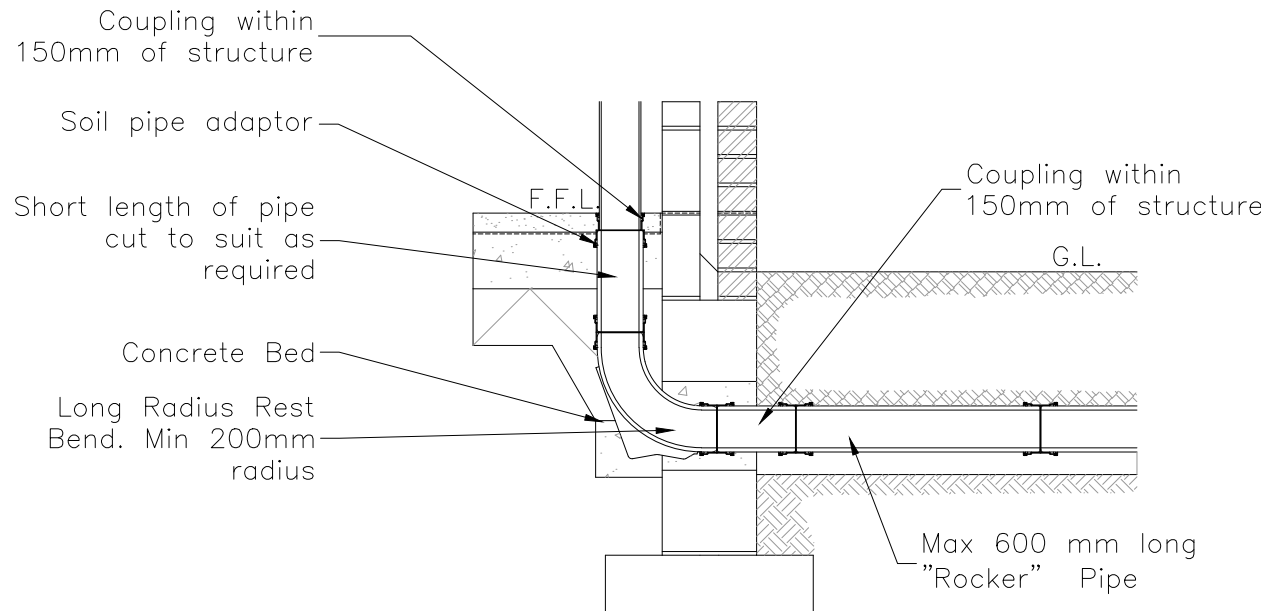
Trench backfill material compacted in layers not greater than 250mm thick. Heavy compaction equipment not to be used until pipe has minimum cover of 250mm. Backfill under trafficked areas to be Type 1 Stone



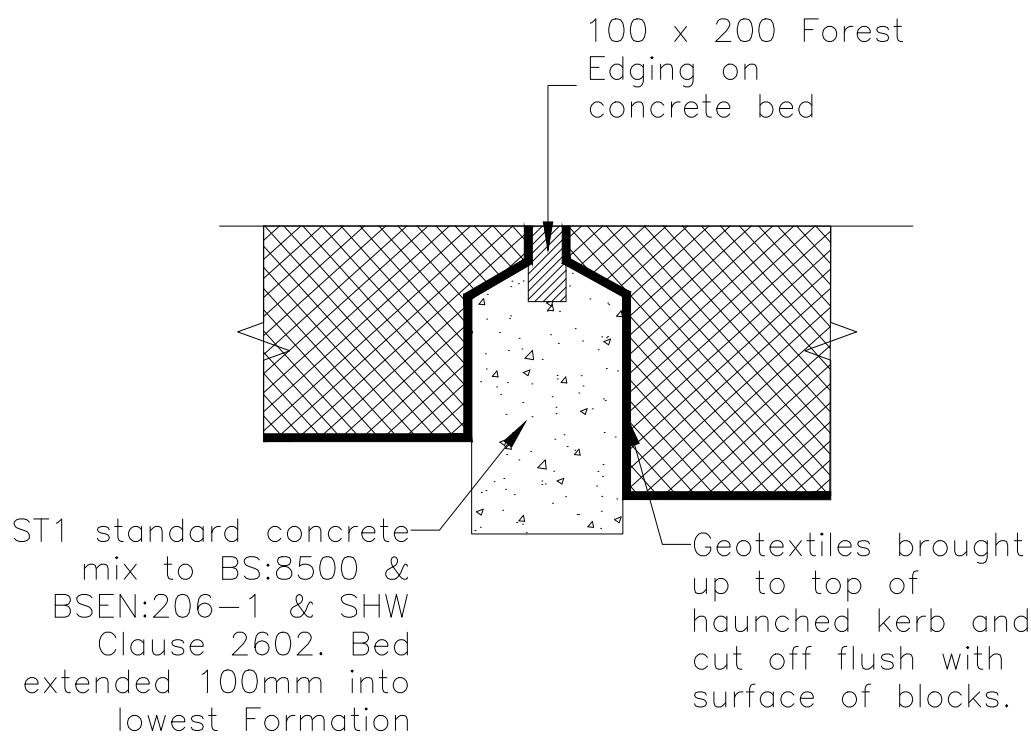
ROAD GULLY



SVP / STUB STACK CONNECTION



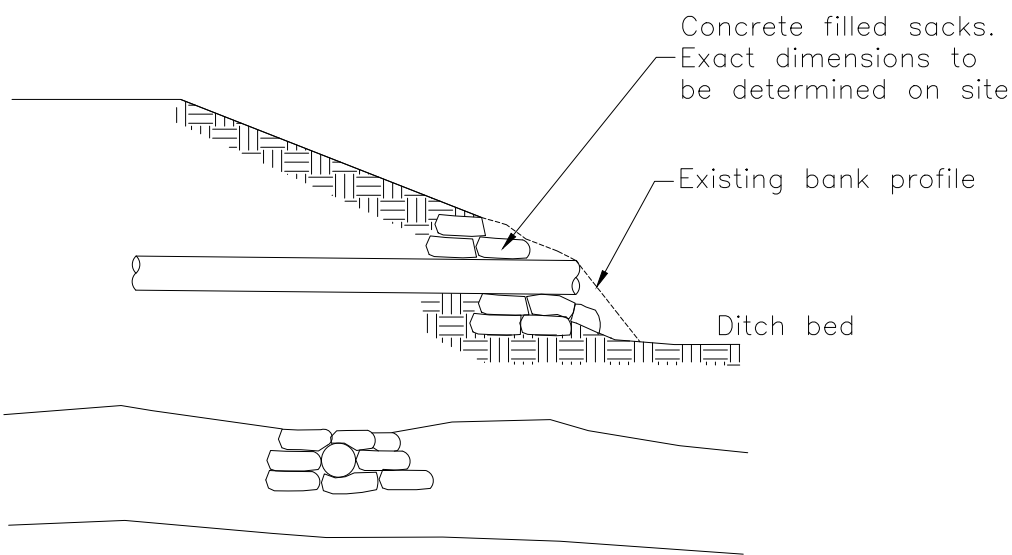
RWP DOWNPIPE CONNECTION



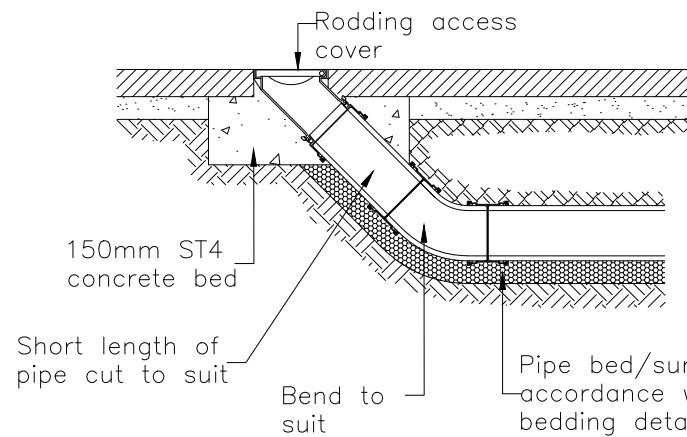
FULL DEPTH RESTRAINT

CONNECTION TO EXISTING SEWER

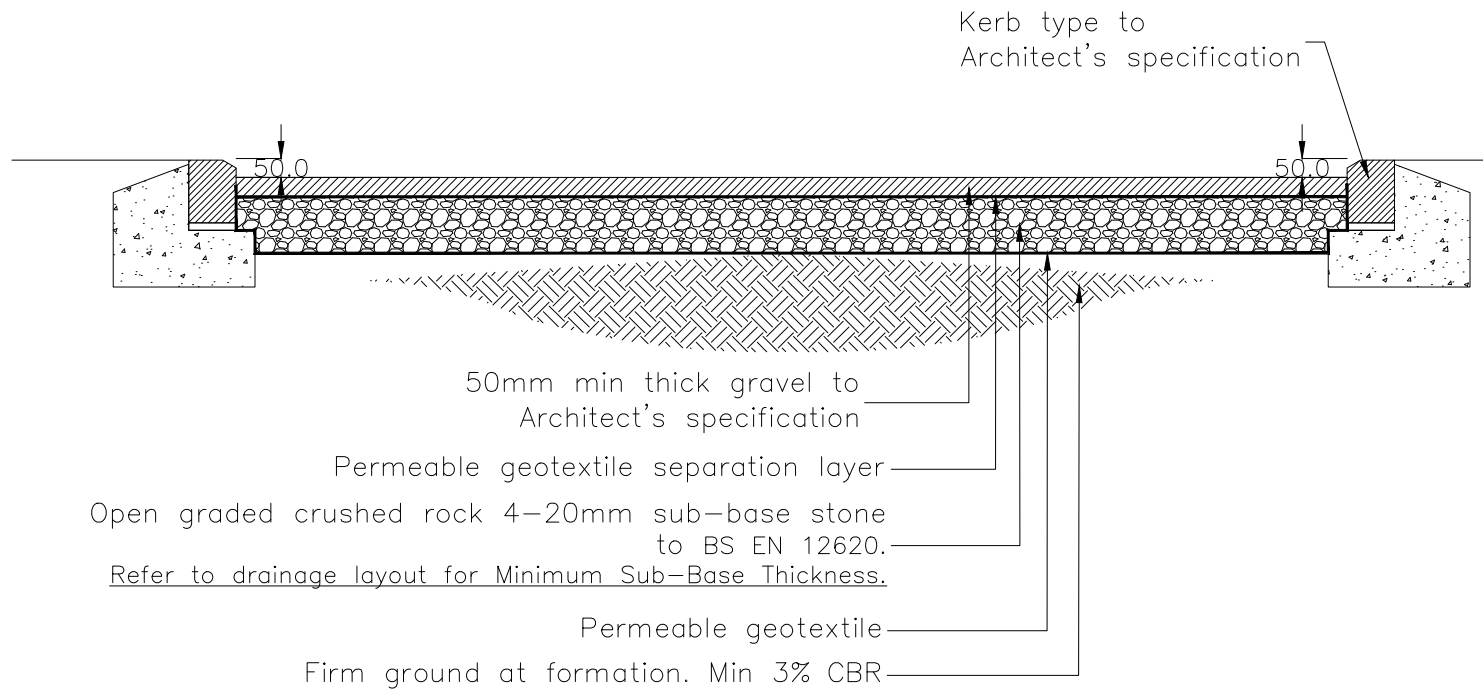
Connection to be signed off by Wessex Water prior to backfilling



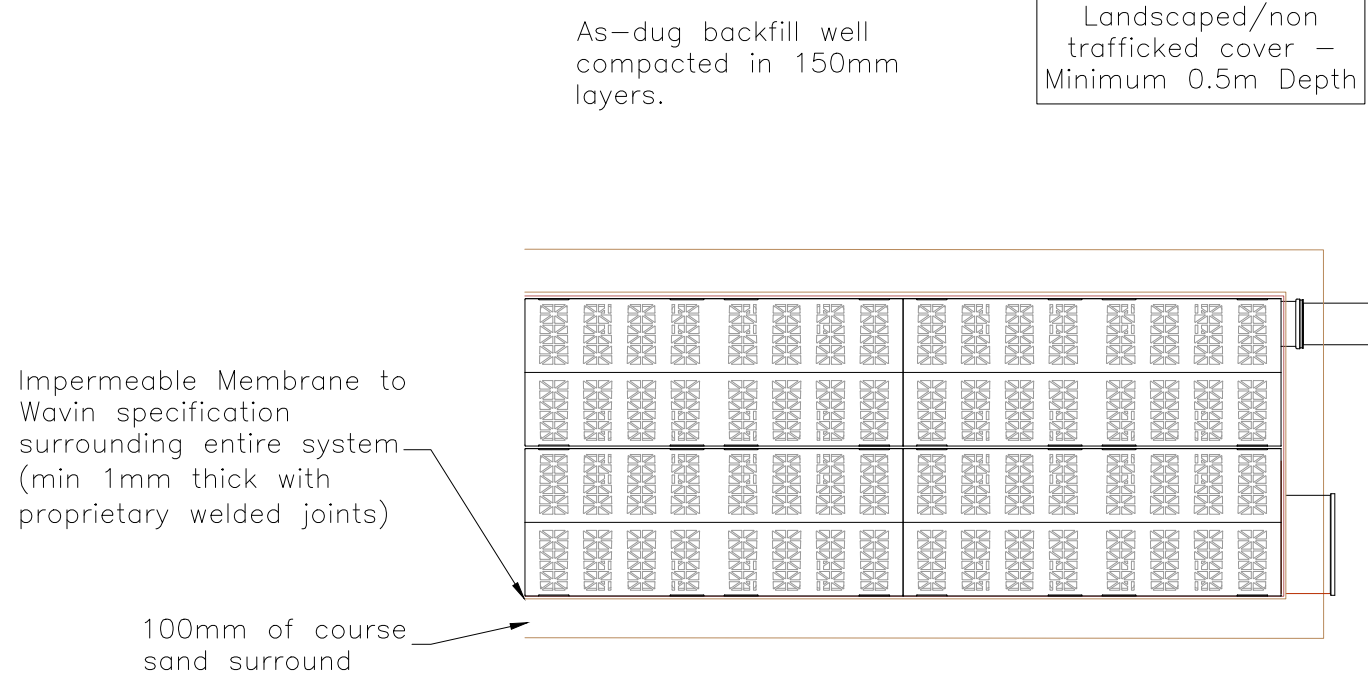
CONCRETE BAG HEADWALL



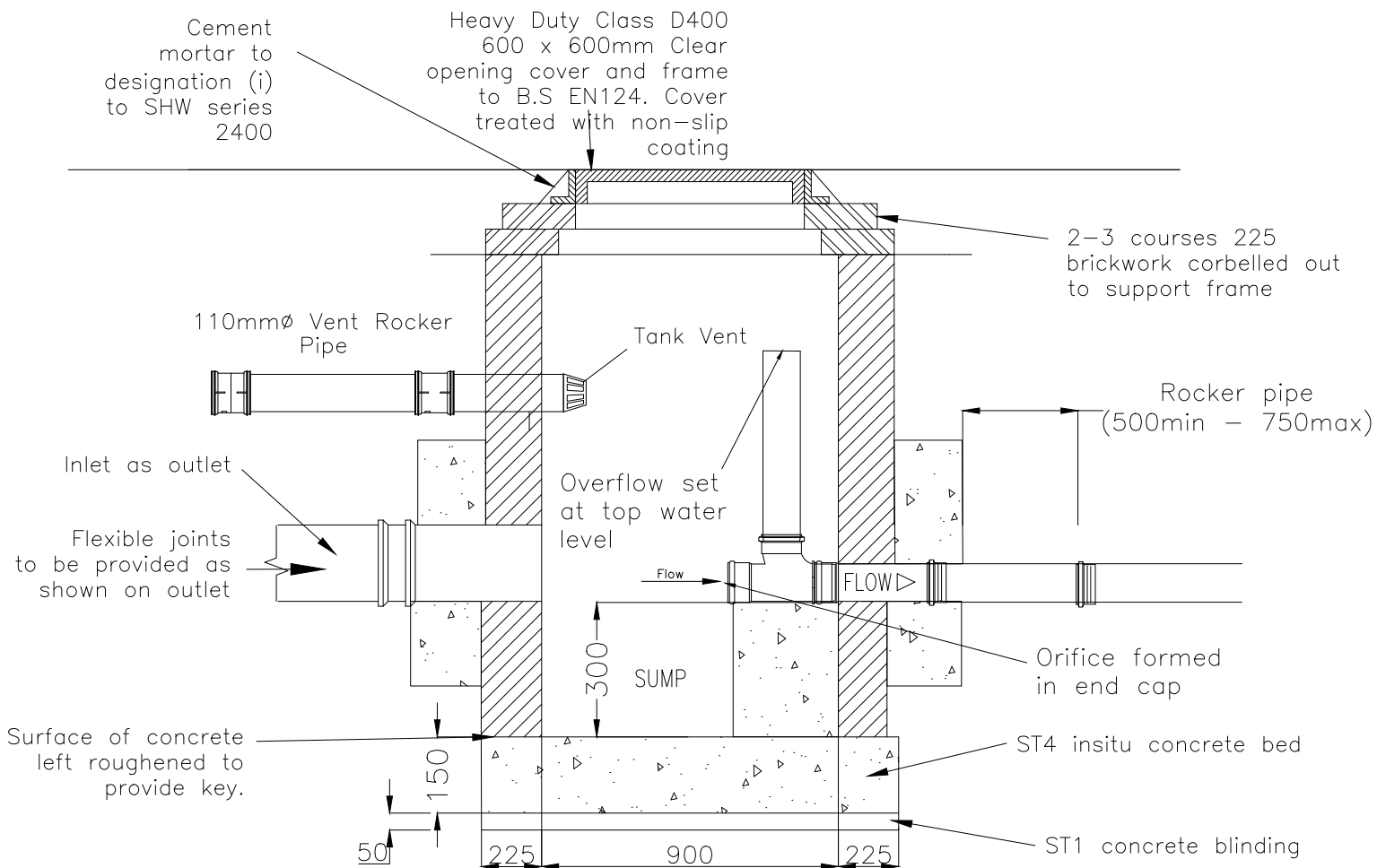
RODDING POINT



UNBOUND GRAVEL DRIVE



STORAGE TANK OUTLET WITH HYDROBRAKE MANHOLE



BRICKWORK CATCHPIT AND ORIFICE PLATE CONTROL

Pipe nominal size (DN)	Nominal maximum particle size (mm) See note (c)	Class of bedding See note (d)	Suitable Materials	
			EITHER: Maximum CF value for acceptability See note (b)	OR: Materials specified in British Standards See note (a)
100	10	S	0.15	10mm nominal single-size
		B	0.30	
		F	0.15	
Over 100 to 150	16	S	0.15	10mm or 14mm nominal single-size or 14mm to 5mm graded
		B	0.30	
		F	0.15	
Over 150 to 300	20	S	0.15	10, 14 or 20mm nominal single-size or 14mm to 5mm graded or 20 to 5mm graded
		B	0.30	
		F	0.15	
Over 300 to 550	20	S	0.15	14mm or 20mm nominal single-size or 14mm to 5mm graded or 20 to 5mm graded
		B	0.30	
		F	0.15	
Over 550	40	S	0.15	14, 20 or 40mm nominal single-size crushed rock or 14mm to 5mm, 20 to 5mm or 40 to 5mm graded
		B	0.30	
		F	0.15	

Notes:
(a) Processed granular materials to include aggregates to BS EN 12620.
(b) Compaction Fraction value (CF), see Appendix B of Ws IGN No. 4-08-02.
(c) The nominal maximum particle sizes apply both to processed and as-dug materials (see Section 4 of IGN No. 4-08-02- Issue 4 and No 4-08-02 Amendment (Nov 2000)).
(d) Bedding classes are defined in: BS EN 1295-1:1997 Structural Design of Buried Pipelines under various conditions of loading. TRRL - Simplified Table of External Loads on Buried Pipelines.
(e) The sulphate content of bedding and sidefill materials for use with cementitious pipe should not be greater than 0.3% as sulphur trioxide.

TABLE 1 - PROCESSED AND AS-DUG GRANULAR BEDDING AND SIDEFILL MATERIALS FOR RIGID PIPES

A	Flow control chamber detail revised	AD	25.06.26
-	FIRST ISSUE	AD	27.03.26
Rev	Description	Dm	Date

REVISIONS

Dixon Civils
Drainage & Infrastructure Design
www.DixonCivils.com 01249 490813 Enquiries@DixonCivils.com

CLIENT
Calibre Homes

JOB TITLE
**Proposed Residential Development
Newlands Farm
Corston**

DRAWING TITLE
Construction Details

DATE	MARCH 2026	DRAWN	AD
DRAWING NO.	1250-02-01	REV	A
SCALE	NTS @ A1		

PRELIMINARY ISSUE
This drawing is the copyright of Dixon Civils Limited.
It may not be reproduced or amended without the written approval of Dixon Civils Limited.

Do not scale from this drawing.
Work from stated dimensions only.