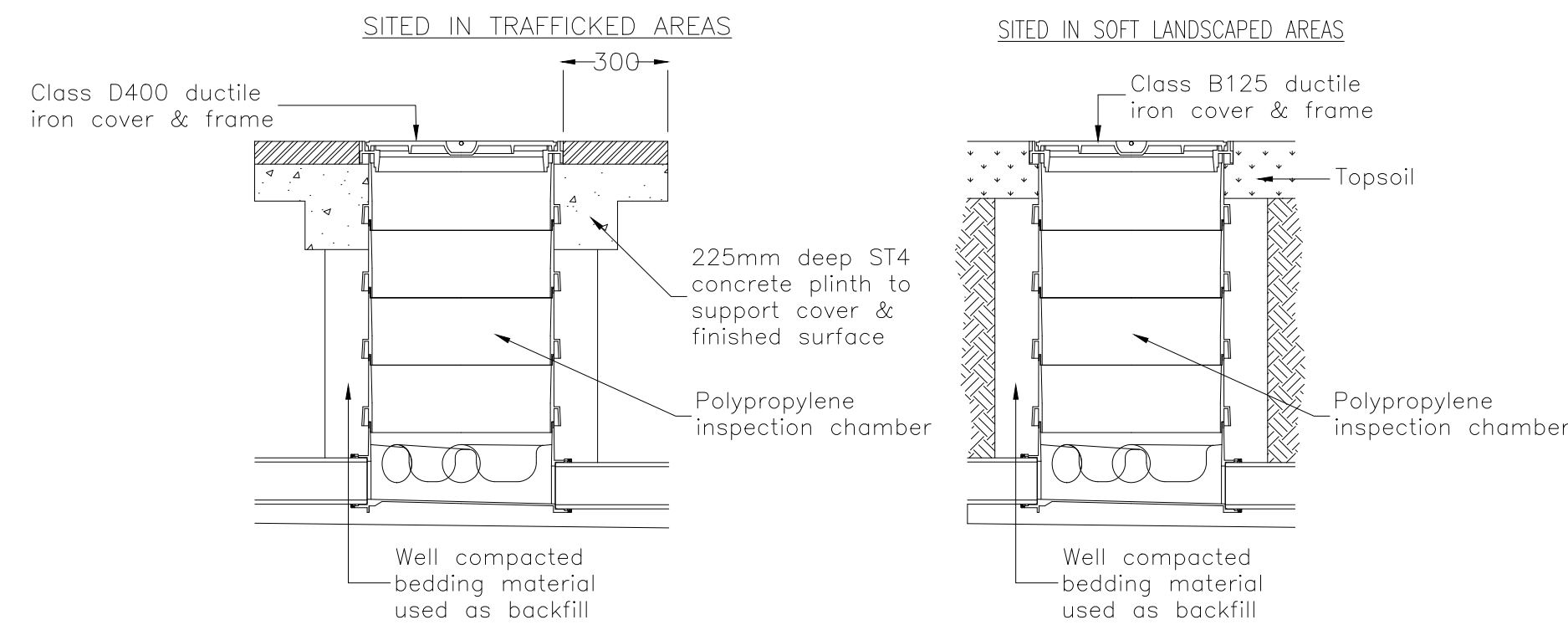
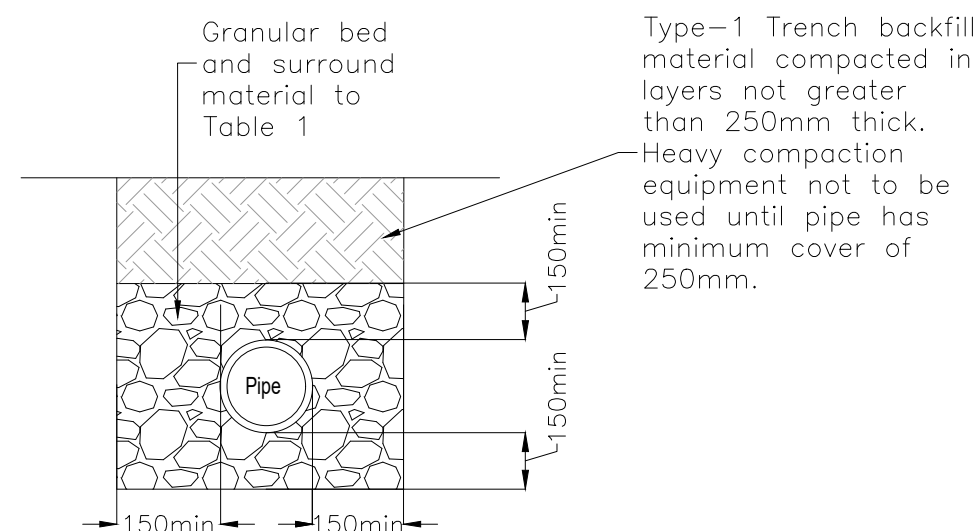
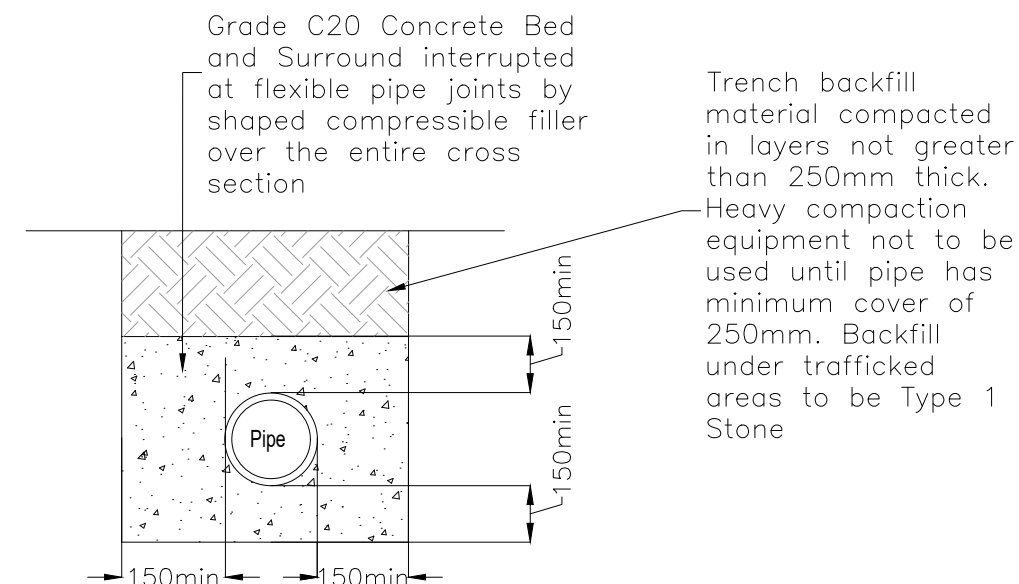




POLYPROPYLENE INSPECTION CHAMBER



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

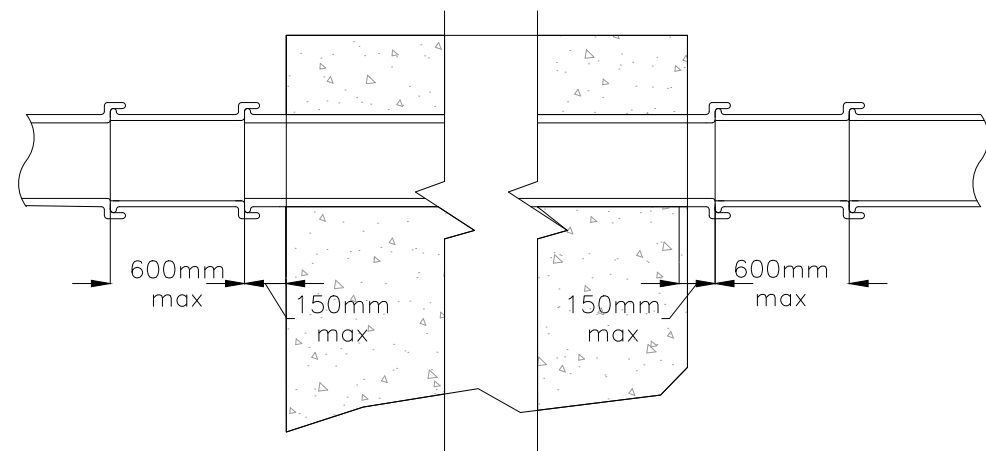


CONCRETE BEDDING AND SURROUND FOR TRAFFICKED AREAS <1.2M DEEP

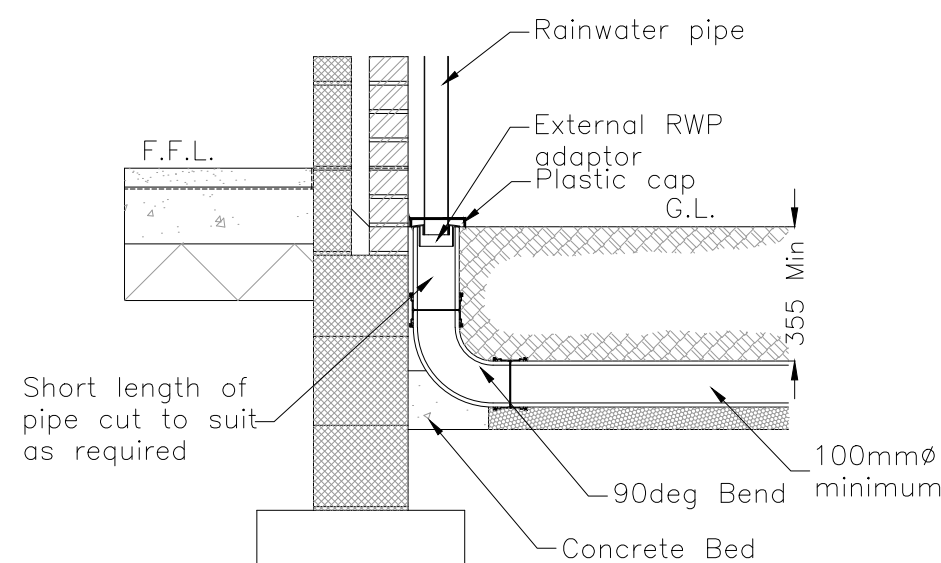
Pipe nominal size (DN)	Nominal maximum particle size (mm) See note (c)	Class of bedding See note (d)	Suitable Materials	
			EITHER: Maximum CF value for acceptability See note (b)	OR: Materials specified in British Standards See note (a)
100	10	S	0.15	10mm nominal single-size
		B	0.30	
		N	0.30	
Over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

- Notes:
- (a) Processed granular materials to include aggregates to BS EN 12620.
- (b) Compaction Fraction value (CF), see Appendix B of WIs IG No. 4-06-02.
- (c) The nominal maximum particle sizes apply both to processed and as-dug materials (see Section 4 of IG No. 4-06-01 Issue 4 and No.4-06-01 Amendment (Nov 2008)).
- (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.

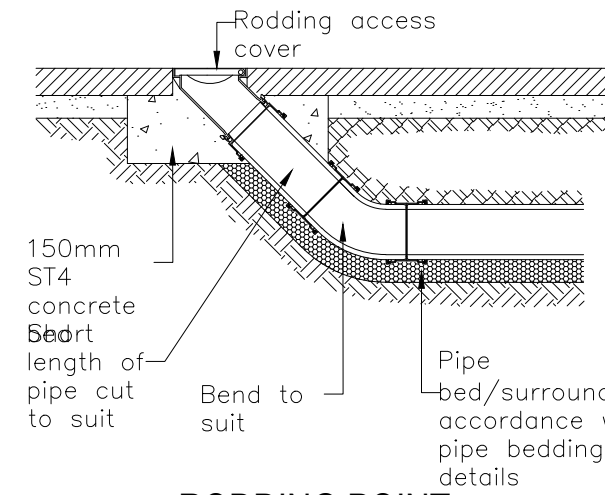
TABLE 1 - PROCESSED AND AS-DUG GRANULAR BEDDING AND SIDEFILL MATERIALS FOR RIGID PIPES



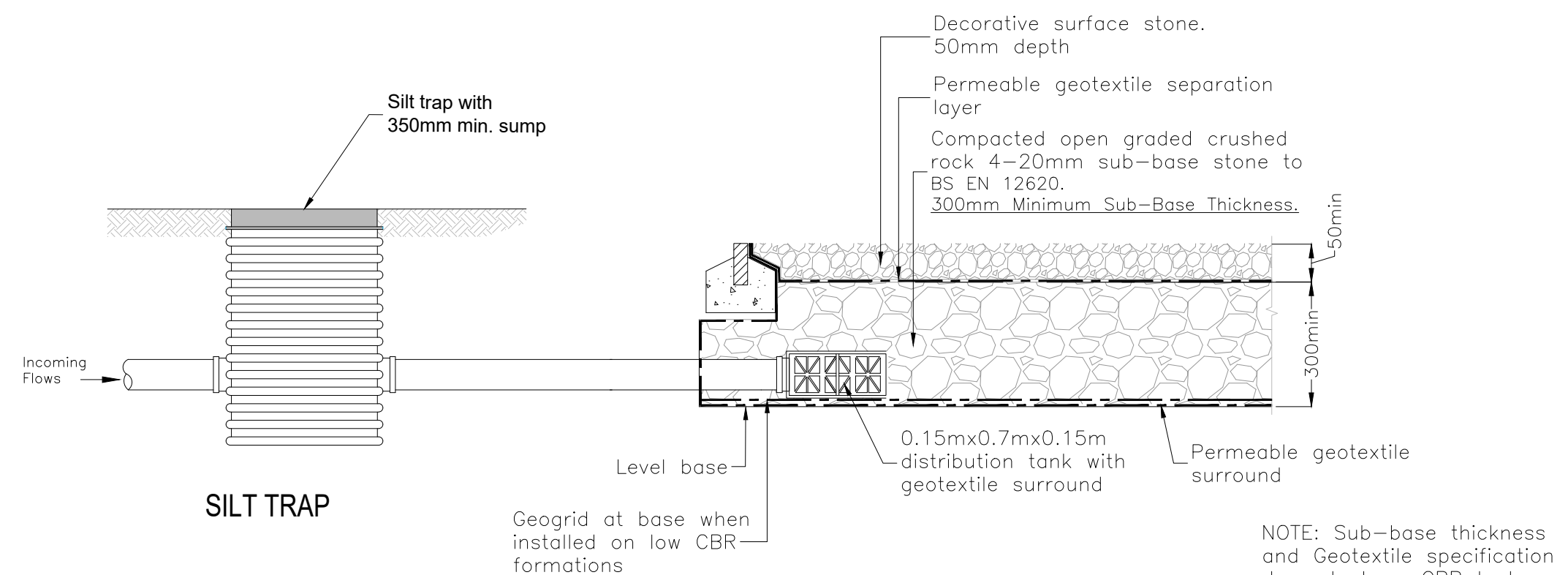
ROCKER PIPE FOR DRAINAGE PASSING THROUGH FOUNDATIONS



RWP DOWNPIPE CONNECTION

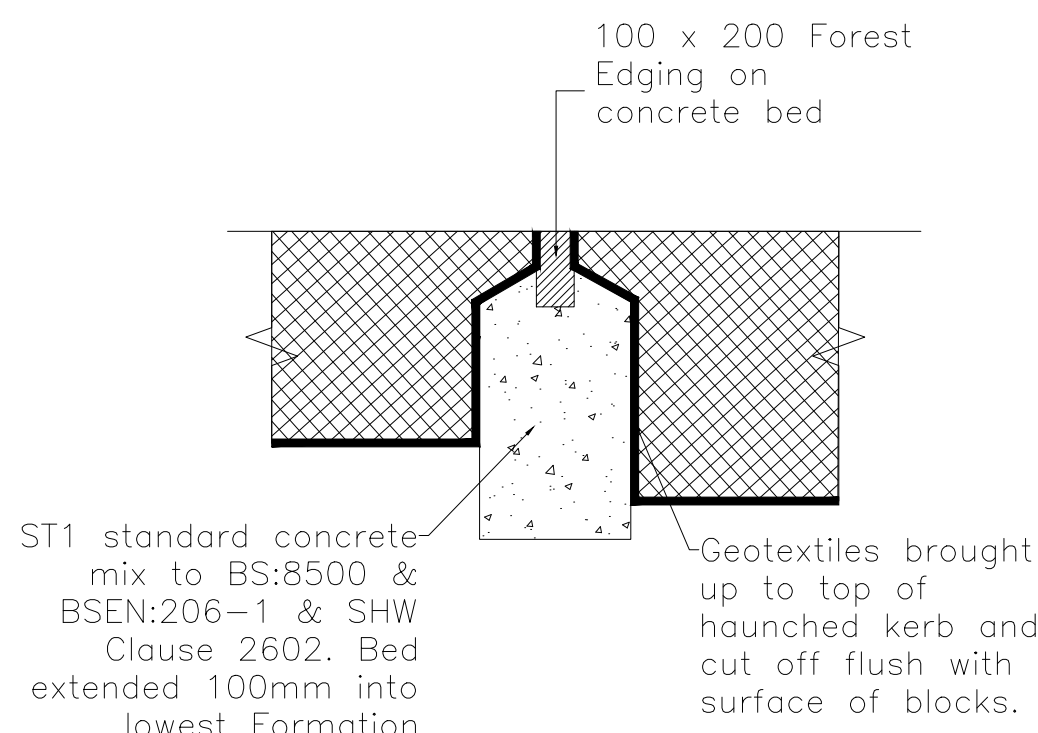


RODDING POINT



GRAVEL ATTENUATION SECTION AND PIPED CONNECTION

NOTE: Sub-base thickness and Geotextile specification dependant on CBR tests carried out upon formation. Minimum 3% saturated CBR.



FULL HEIGHT RESTRAINT

GENERAL NOTES:

- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT SCHEME DRAWINGS AND SPECIFICATIONS.

A	Permeable drive section updated	AD	19.01.26
-	FIRST ISSUE	AD	16.01.26
Rev	Description	Dm	Date

REVISIONS

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

CLIENT
Attwell Projects

JOB TITLE
**5a Coxhill Lane
Potterne
Devizes**

DRAWING TITLE
Drainage Construction Details

DATE	JAN 2026	DRAWN	AD
DRAWING No.	1212-02-01	REV	A
SCALE	NTS		

ISSUED FOR
PRELIMINARY ISSUE

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