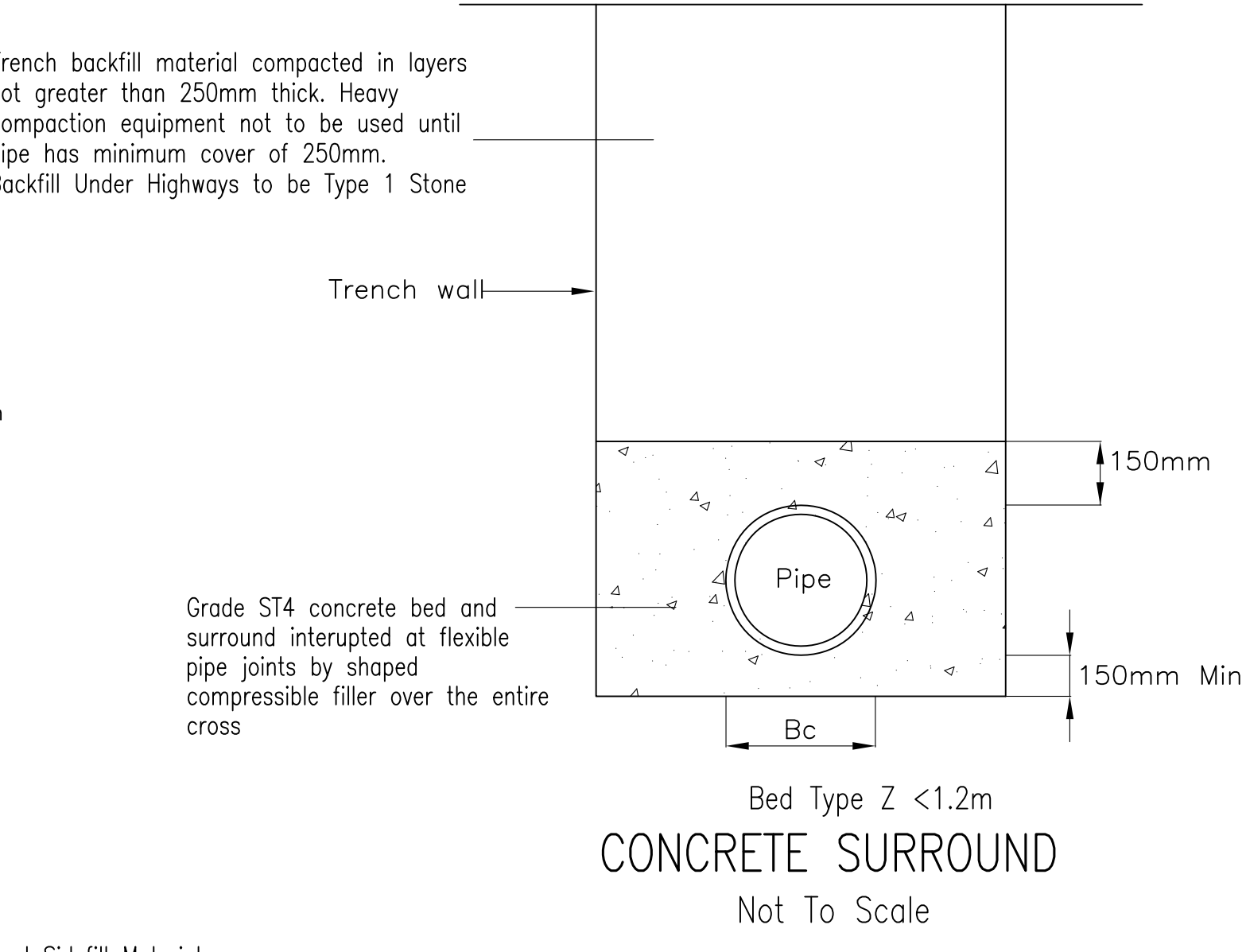
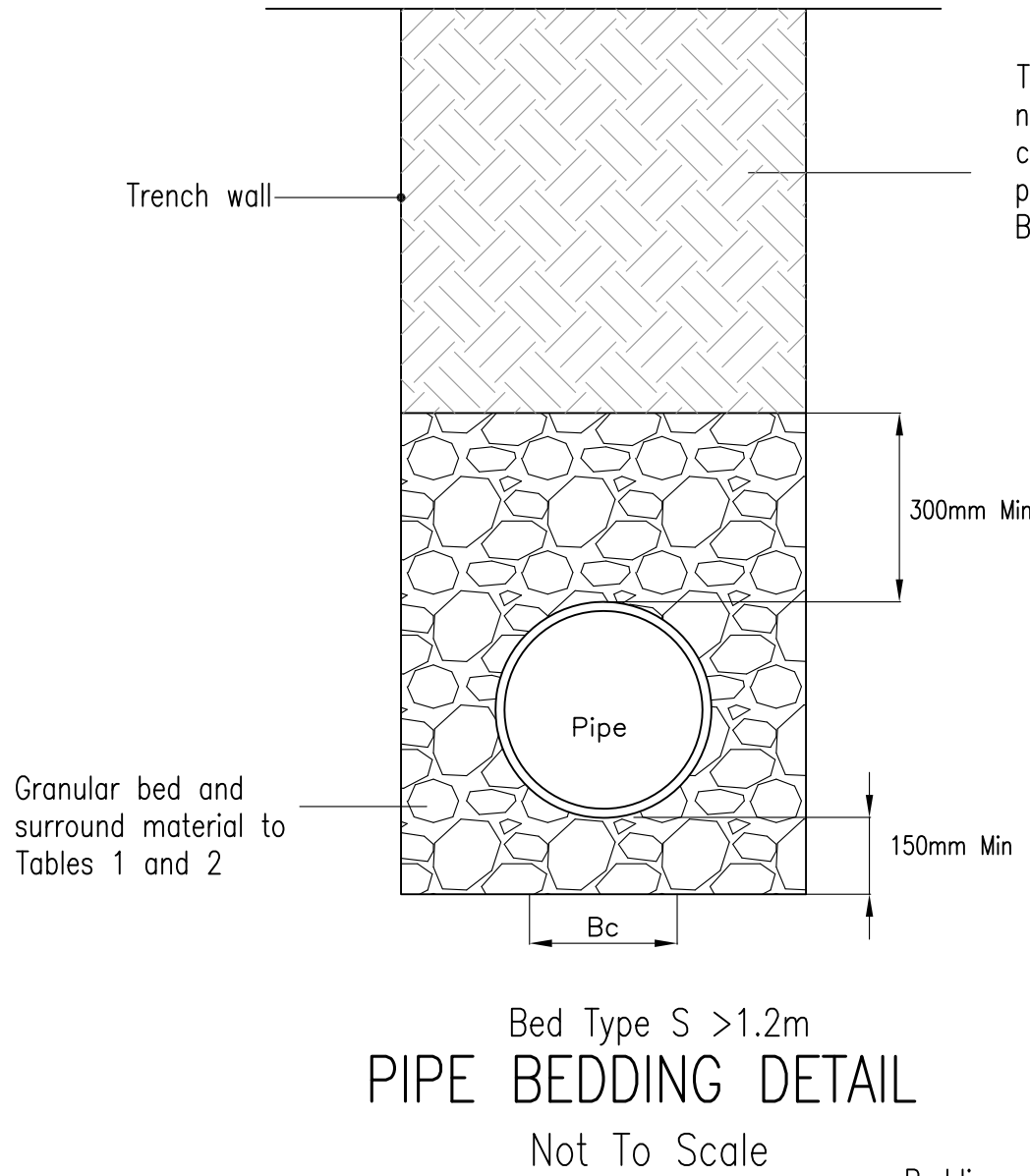
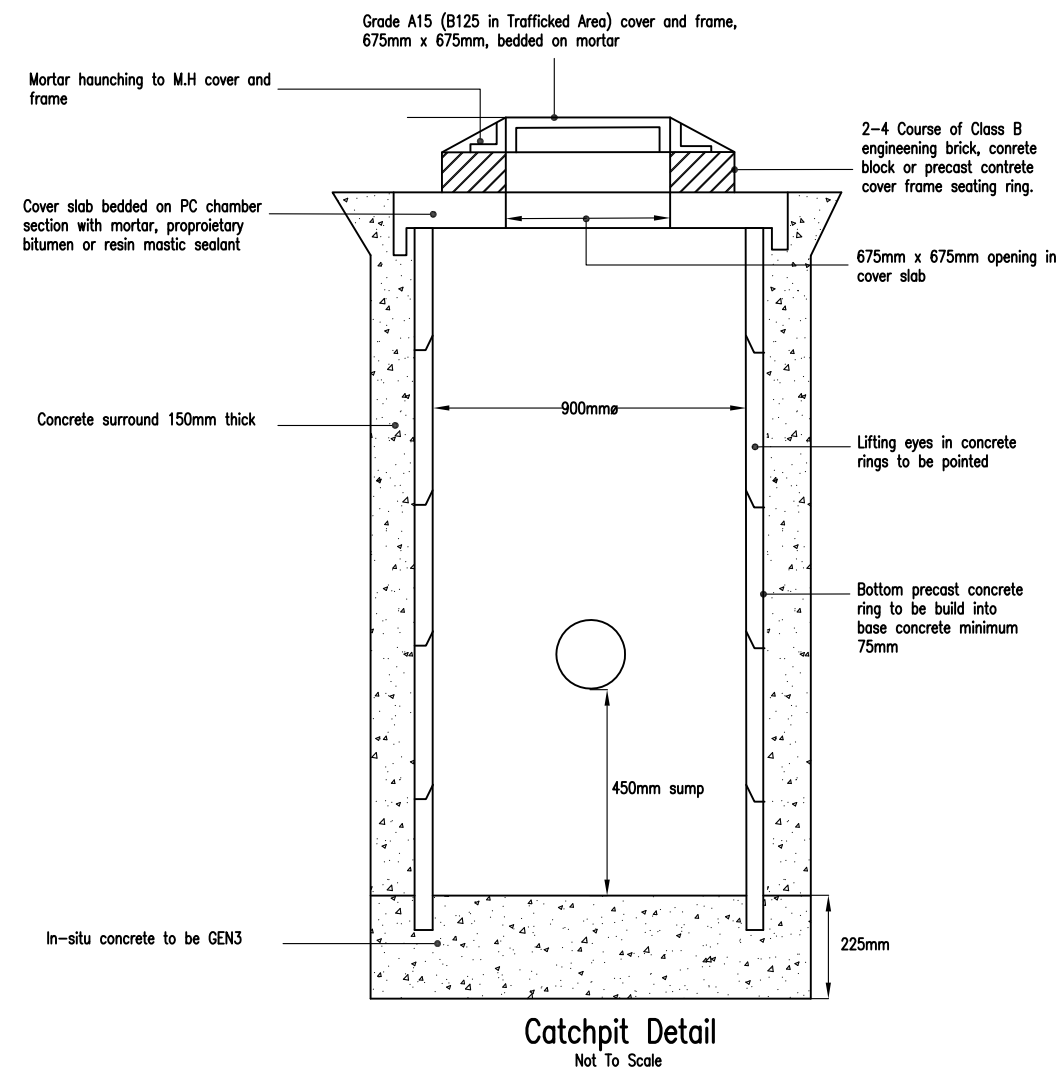


TABLE 1: PROCESSED GRANULAR BEDDING AND SIDEFILL MATERIALS FOR RIGID PIPES

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	
		N	0.30	
Over 100 to 150	16	S	0.15	10mm or 14mm nominal single-size
		B	0.30	
		F	0.15	
		N	0.30	
Over 150 to 300	20	S	0.15	10, 14 or 20mm nominal single-size
		B	0.30	
		F	0.15	
		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	
		F	0.15	
		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	
		F	0.15	
		N	0.30	

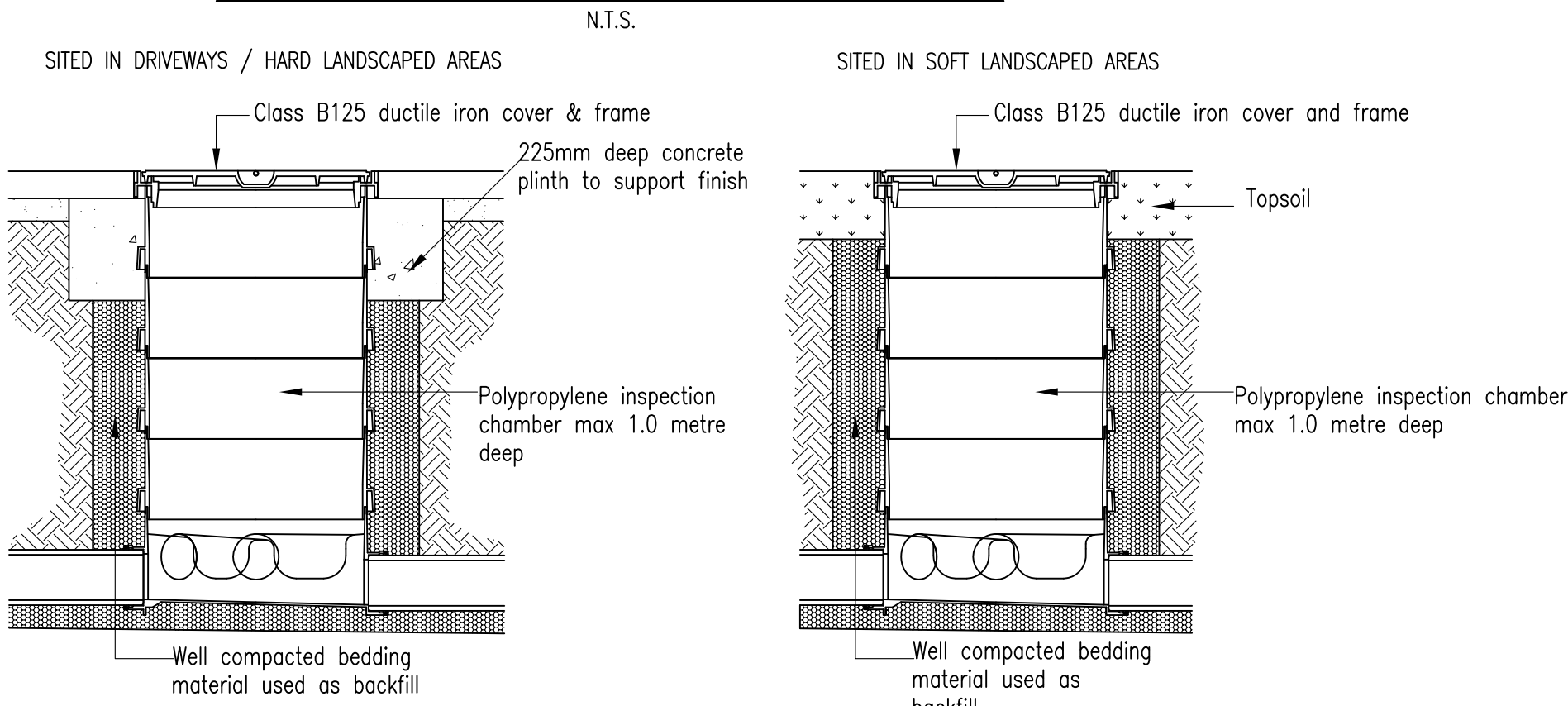
- Notes:
- (a) Processed granular materials to include aggregates to BS EN 13242.
- (b) Compaction Fraction value (CF), see Appendix B of WIs IGN No. 4-08-02.
- (c) The nominal maximum particle sizes apply both to processed and as-dug materials (see Section 4 of IGN No. 4-08-01-Issue 4 and No.4-08-01 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.



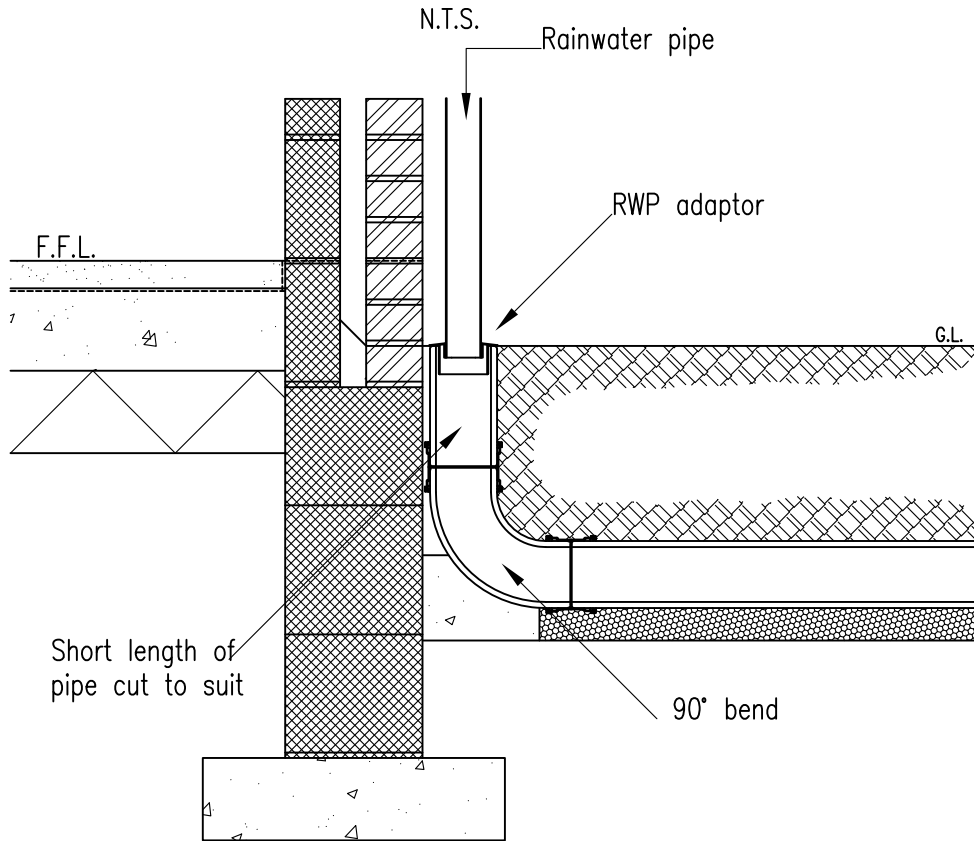
Bedding and Sidefill Material

Bedding, sidefill and surround materials shall comply with Water Industry Specification No. 4-08-02. Bedding and sidefill material to be selected imported granular material complying with Tables 1 and 2 for rigid and flexible pipes respectively.

POLYPROPYLENE INSPECTION CHAMBER INSTALLATION DETAIL



EXTERNAL RAINWATER PIPE CONNECTION DETAIL

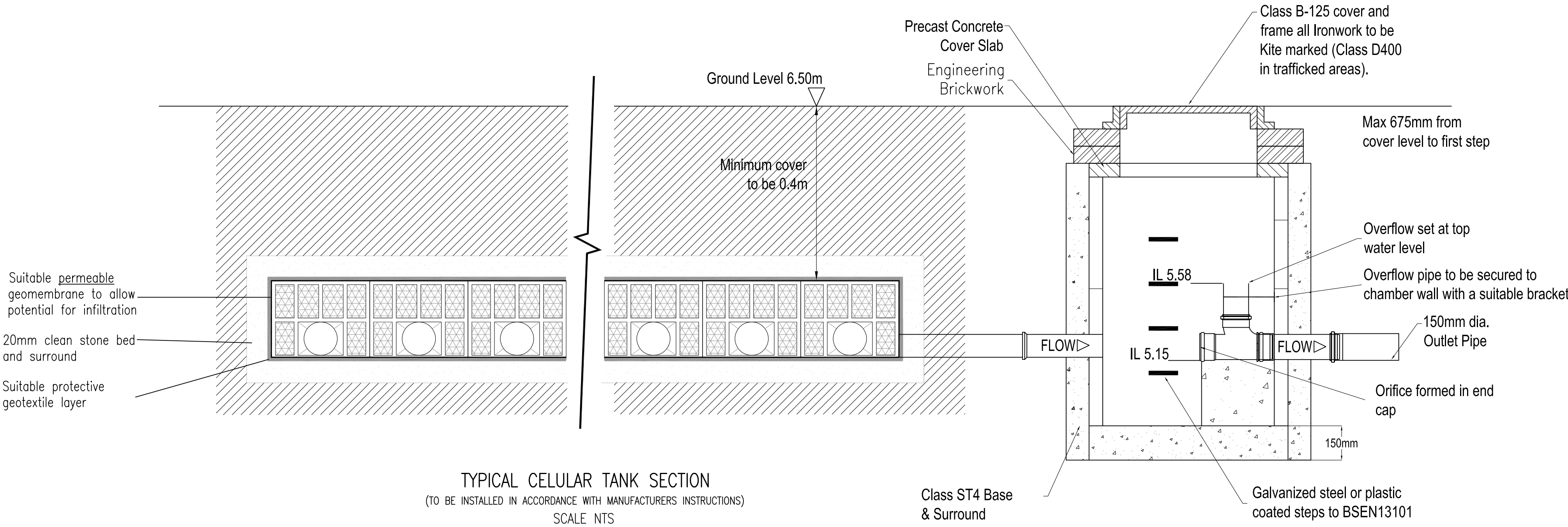


General Notes

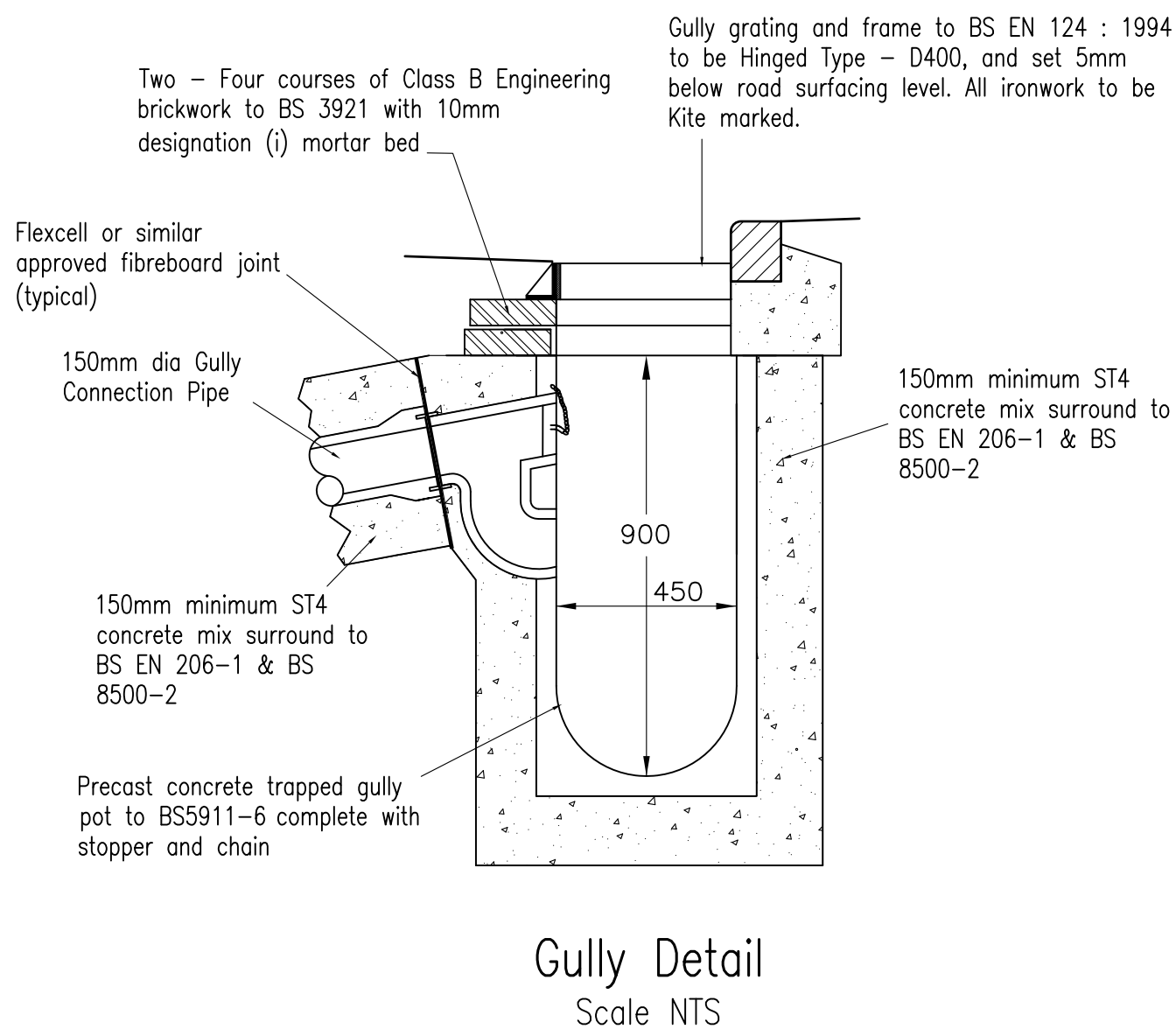
1. Access cover Grades
BSEN 124 : 1994
Class D400 - Carriageway and parking areas
Class B125 - Footways
Class A15 - Areas inaccessible to motor vehicles
All covers to be ductile iron.
2. Pipes built into manholes shall have a flexible joint as close as feasible to the external face of the structure and the length of the first pipe and rocker pipe shall be as shown.
- | Nominal diameter(mm). | Rocker Pipe length(m). |
|-----------------------|------------------------|
| 150 - 600 | 0.60 |
| 675 - 750 | 1.00 |
| 825 & Over | 1.25 |
3. All pipes entering the bottom of the manhole to have the same soffit level unless otherwise shown on plan.

Nominal diameter(mm).	Rocker Pipe length(m).
150 - 600	0.60
675 - 750	1.00
825 & Over	1.25

TYPICAL CELULAR TANK SECTION
(TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS)
SCALE NTS



Typical Orifice Flow Control Manhole
Scale N.T.S.



C	SS	06.03.18	Amended in accordance with Arun District Council comments
B	SS	19.02.18	Amended in accordance with Arun District Council comments dated 07.02.18
A	RT	09.10.17	Gully specification adjusted
No.	By	Date	Revision Details
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		E-mail	cec@ColeEasdon.com

Client
Store Property Investments Limited

Job Title
Proposed Drive-Thru
Worthing Road
Rustington

Drawing Title					
Drainage Construction Details					
Drawing Status:					
FOR COMMENT	FOR PLANNING	FOR TENDER	FOR APPROVAL	FOR CONSTRUCTION	AS BUILT
CONSTRUCTION AT CLIENT / CONTRACTOR RISK					
Designed by: RT		Drawn by: RT		Checked by: AD	
Date June 2017		Scale As Shown @ A1			
Drg. No. 5753/07					Rev. C