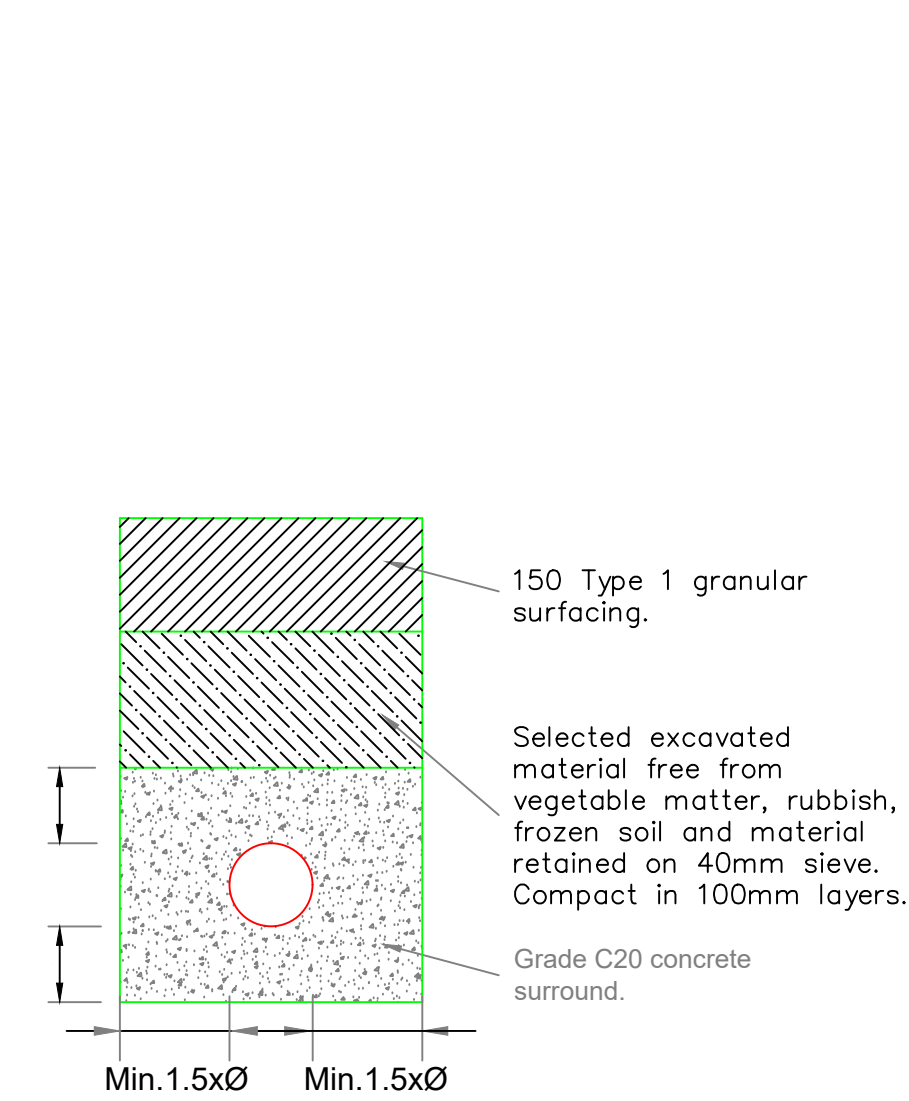
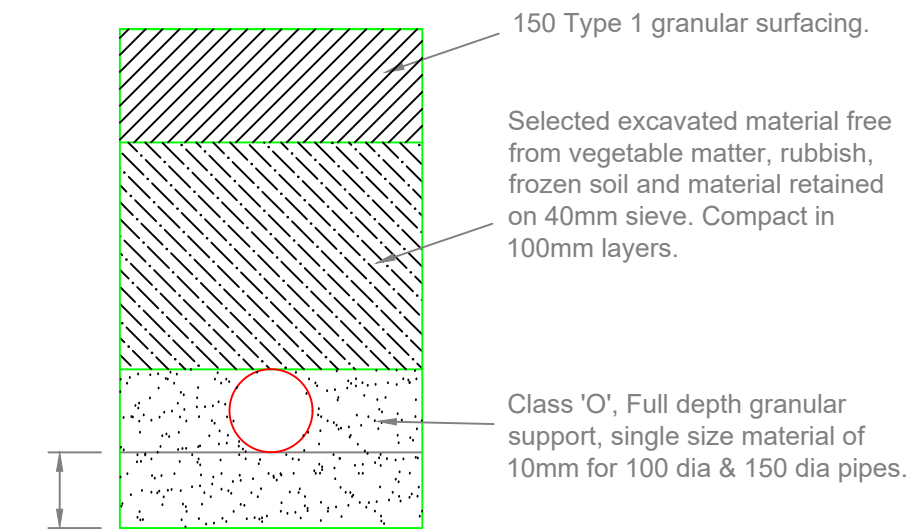
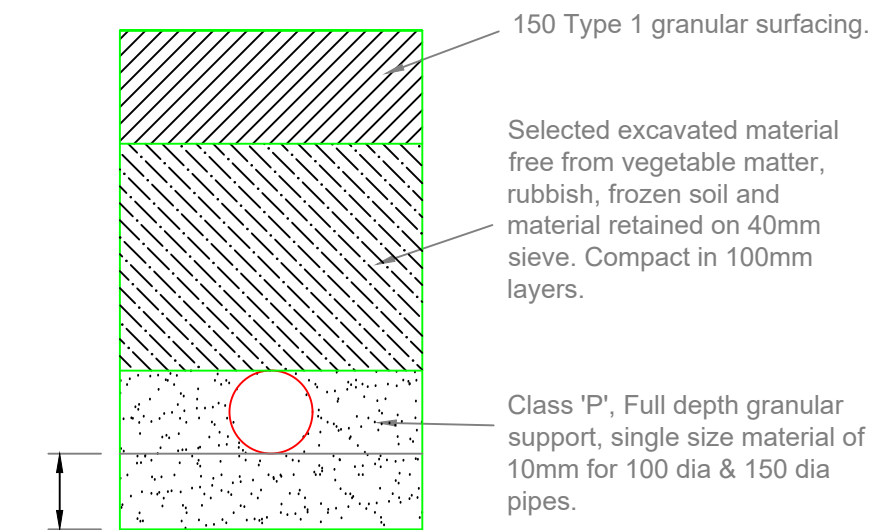




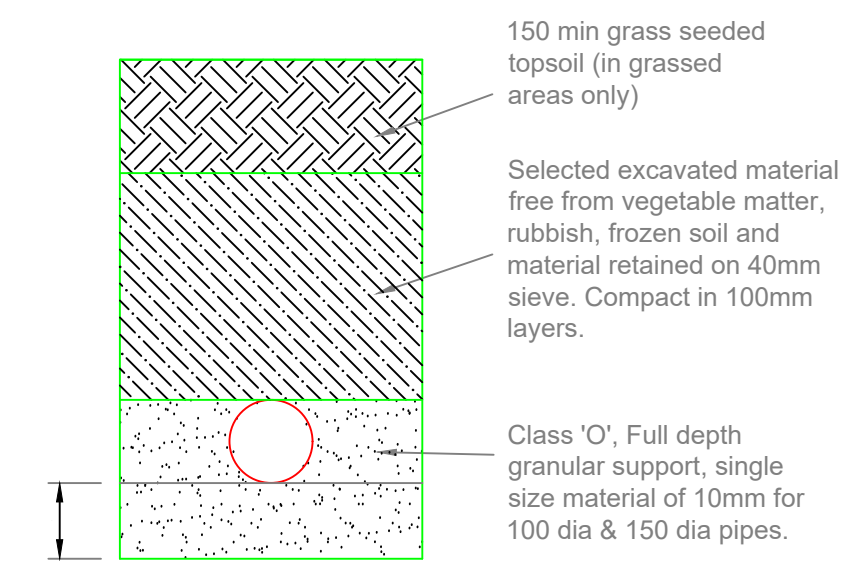
BEDDING FOR FLEXIBLE PIPES LESS THAN 900mm COVER UNDER ROADS
1:10



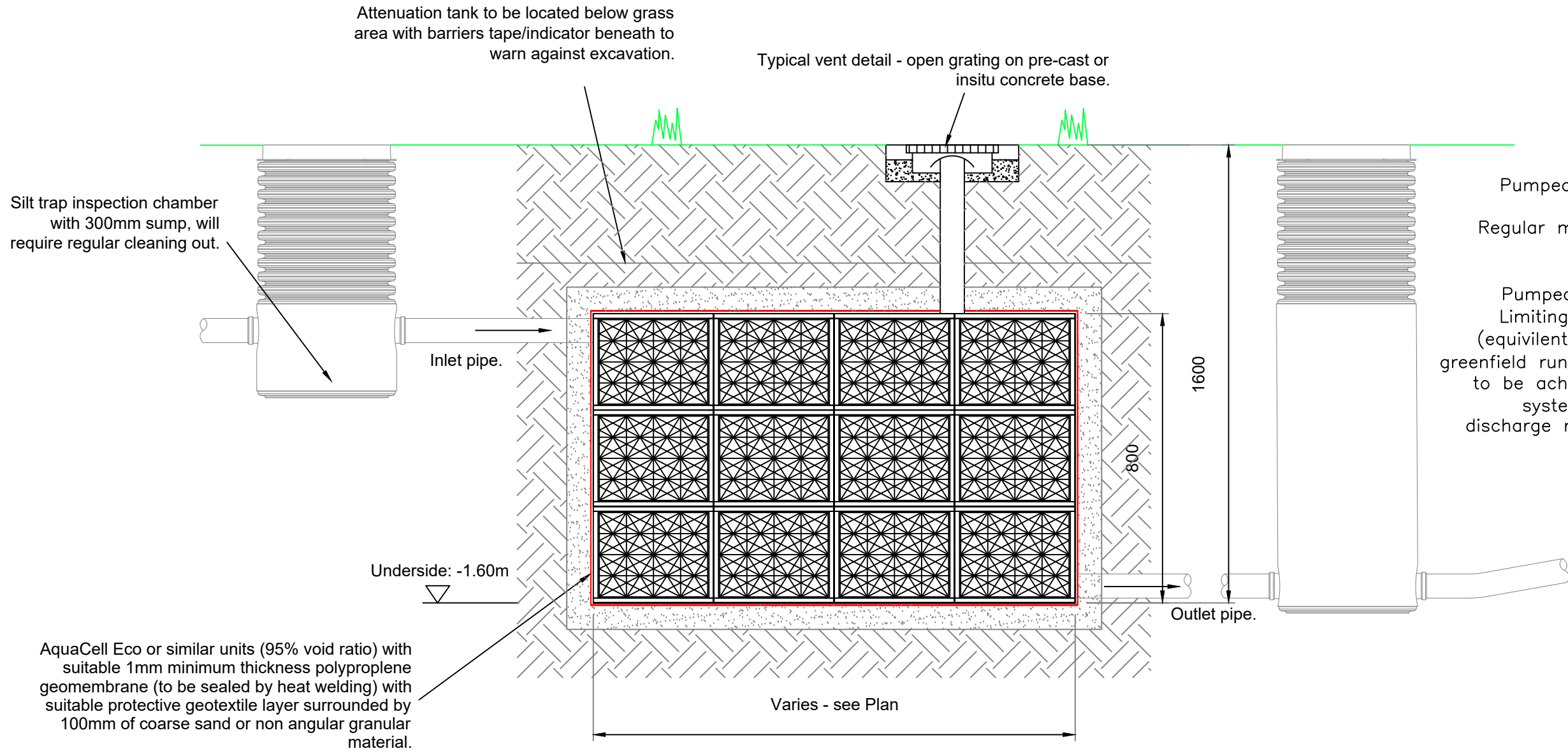
BEDDING FOR FLEXIBLE PIPES 900-1200mm COVER UNDER ROADS
1:10



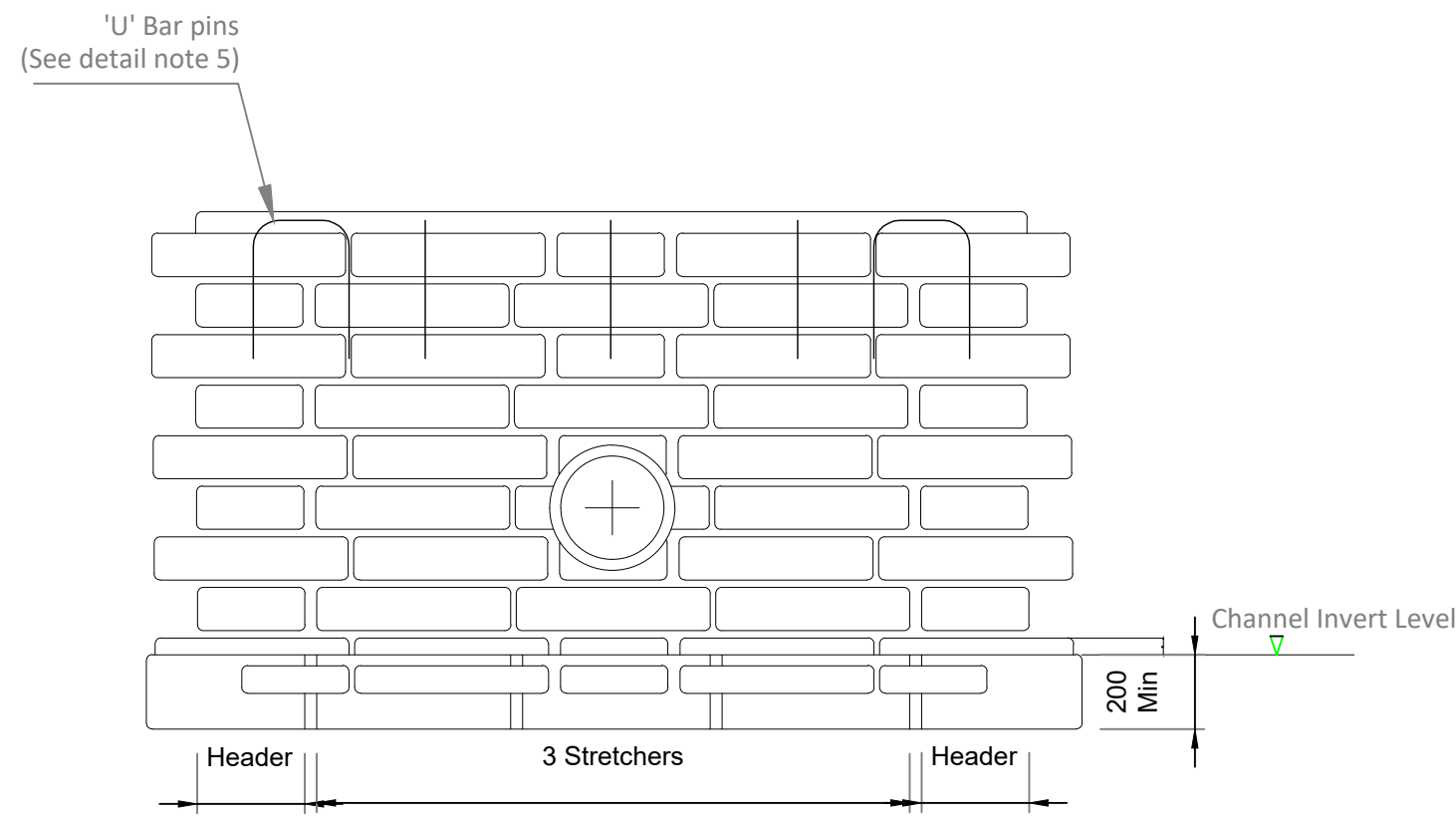
BEDDING FOR FLEXIBLE PIPES 1200-2000mm COVER UNDER ROADS
1:10



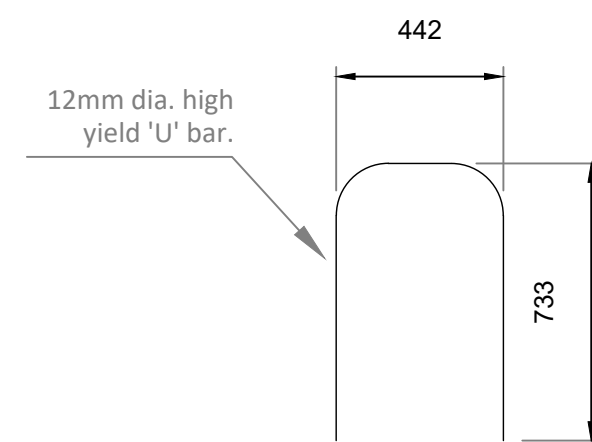
BEDDING FOR FLEXIBLE PIPES UP TO 1500mm DEEP NOT UNDER ROADS
1:10



TYPICAL SECTION STORM WATER ATTENUATION DETAIL
1:20



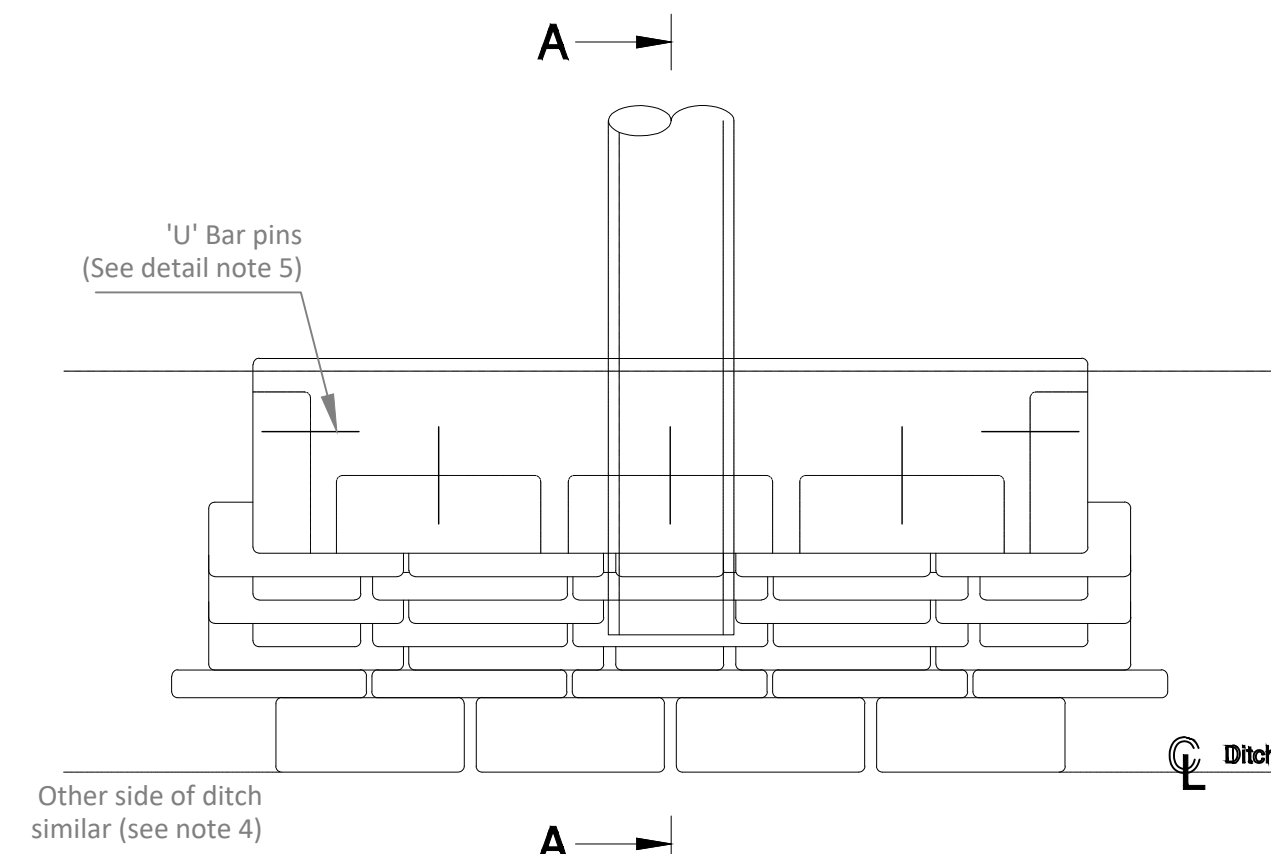
BAGWALL ELEVATION



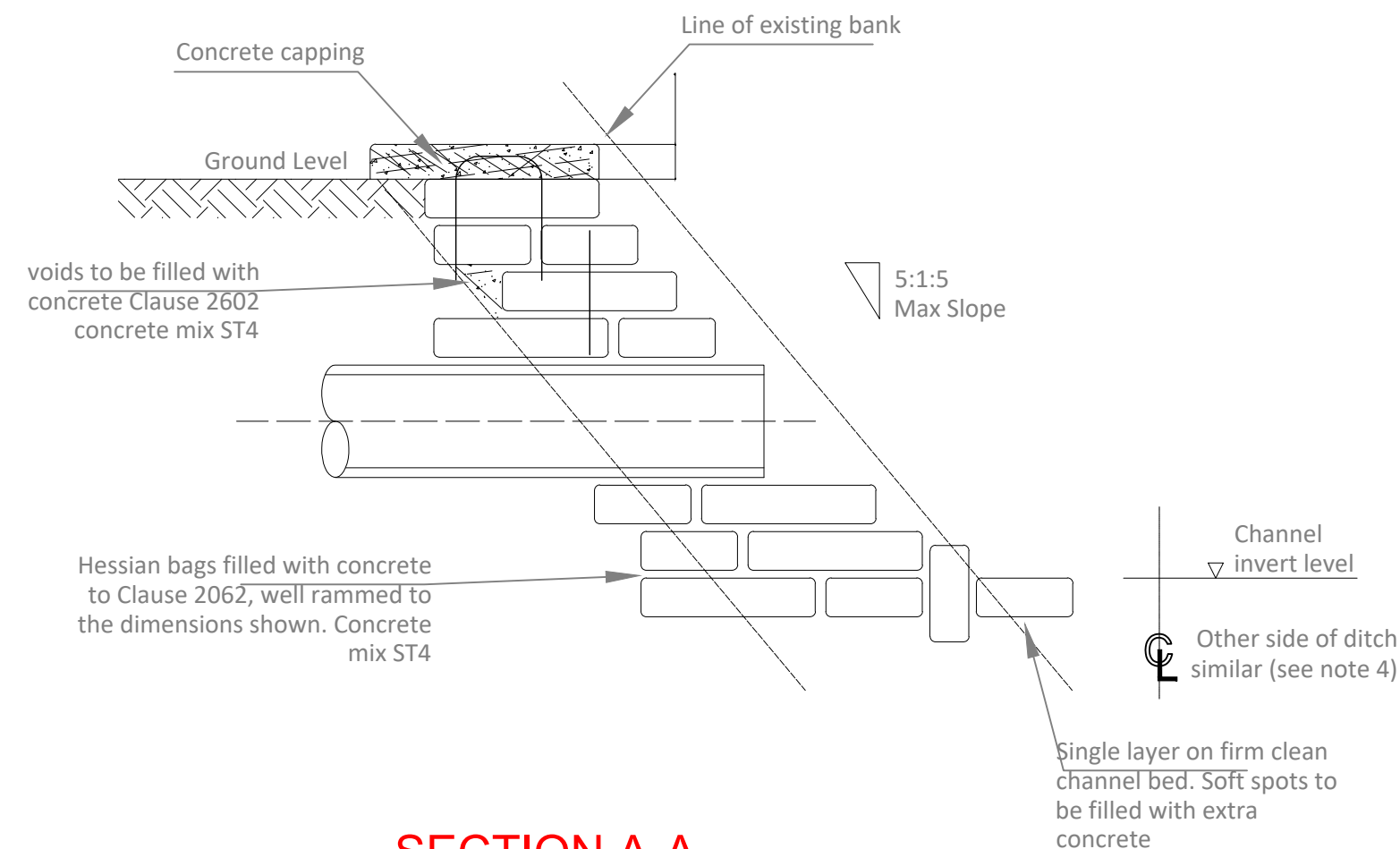
'U' Bar Detail

1. All dimensions are in millimetres unless noted otherwise.
2. For details of size and invert of pipe and top of headwall level etc. see engineering layouts.
3. Completed bagwork to be wetted to ensure bonding.
4. Where the headwall is at the head of a ditch the invert bagwork shall extend 4 bag widths.
5. Alternate courses of bagwork shall be pinned with 12mm dia high yield steel 'U' bars. 450mm long.
6. Concrete to sulphate resisting class DS-1 of Table C2 of BRE Special Digest 1:SD1 Par C (2005) ACEC class AC-1

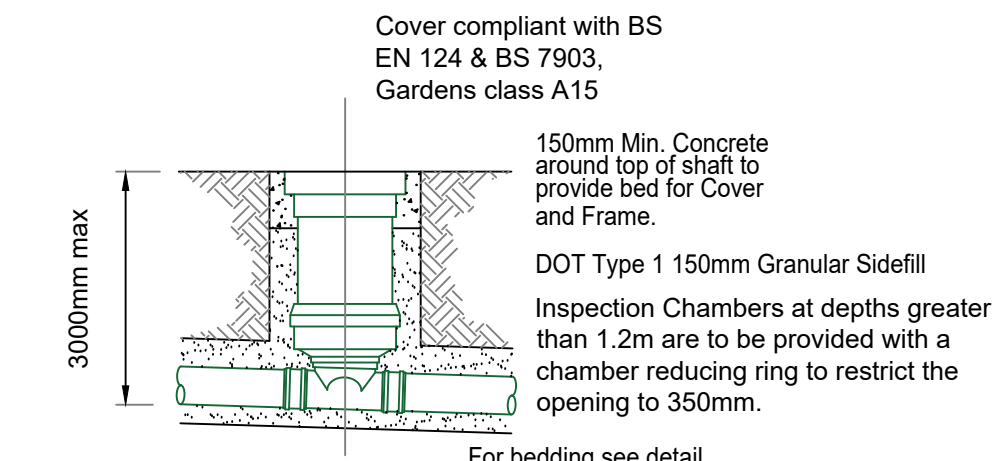
TYPICAL BAGWALL DETAIL FOR SURFACE WATER OUTFALL INTO DITCH



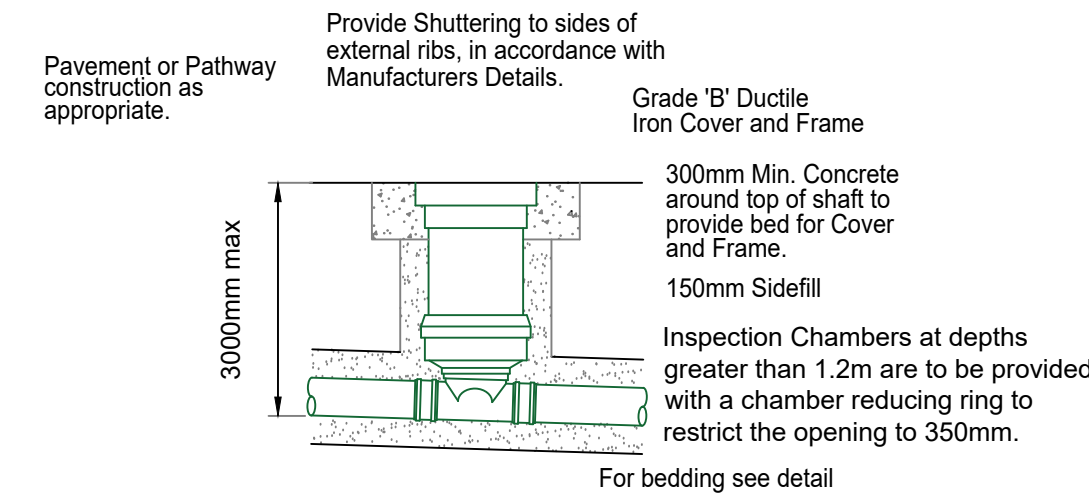
PLAN



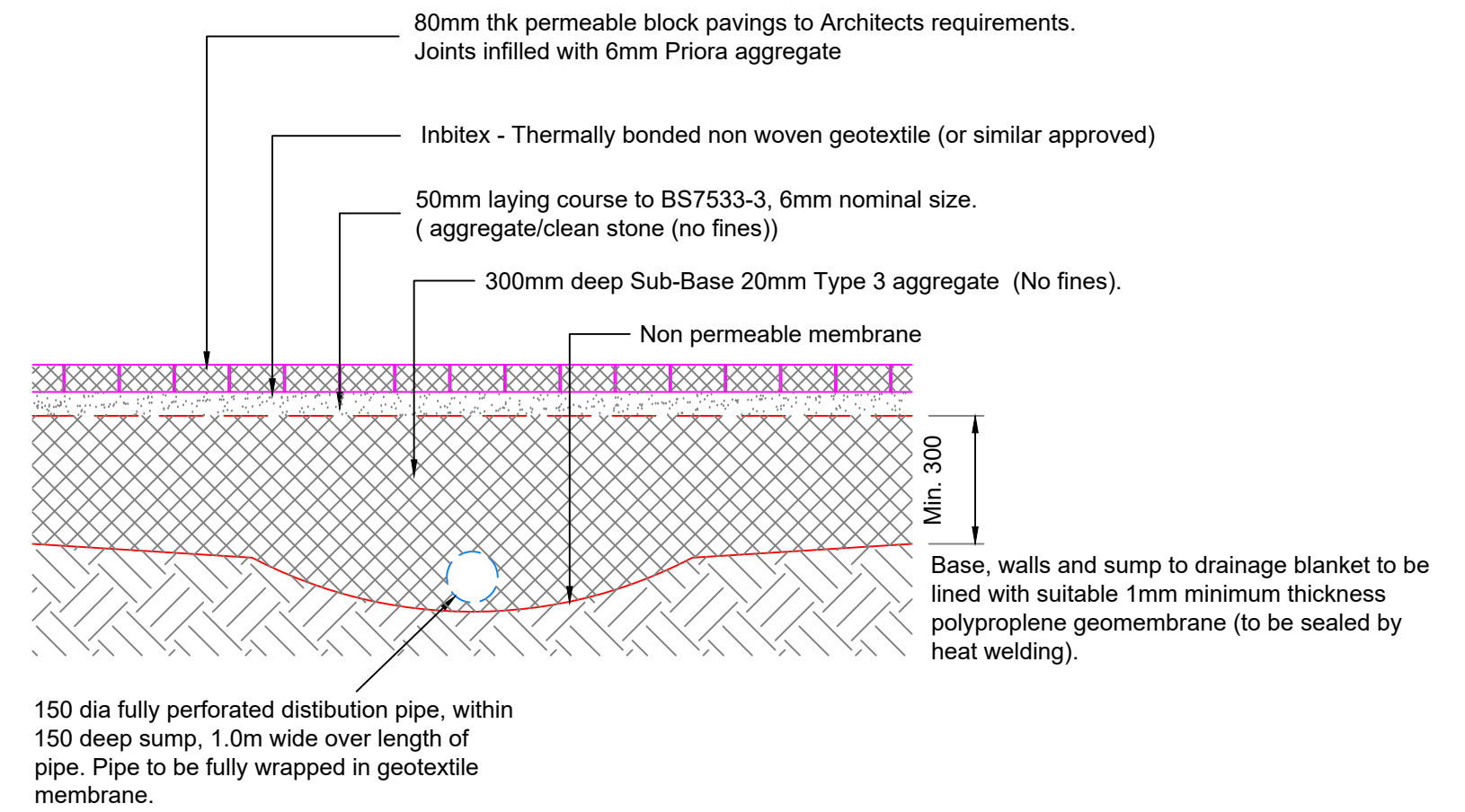
SECTION A-A



450mm inspection chamber GRADE 'A' NON-LOAD BEARING INSTALLATION
1:20



450mm inspection chamber GRADE 'B' LOAD BEARING INSTALLATION
1:20



TYPICAL SECTION DRAINAGE BLANKET DETAIL
1:20

NOTES

1. This drawing is to be read in conjunction with all relevant Engineers drawings and specifications.
2. All dimensions are in millimetres unless noted otherwise.
3. The Contractor is responsible for the setting out and for checking all dimensions.
4. In accordance with The Construction (Design and Management) Regulations 2015 (CDM 2015) the Principal Designer and Contractor are to:
 - Notify HSE of works.
 - Comply with the requirements of Health and Safety Plan (if applicable)
 - Provide risk assessments and method statements for all potential hazards relevant to this project.

Date	By	Revision	QA'D	Chk'd	Ref
Status			PRELIMINARY		
 Cowan Consultancy STRUCTURAL, CIVIL AND BUILDING CONSULTANTS			Also at: Landguard Manor Road Shanklin Isle of Wight PO37 7JB		
3 Turnberry House 4400 Parkway Whiteley Fareham Hampshire PO15 7FJ			Tel: 01489 577488 Fax: 01489 579873 consultants@cowanconsult.co.uk www.cowanconsult.co.uk		
Client IMPERIAL HOMES					
Project SPRINGFIELDS ALDINGBOURNE					
Title DRAINAGE DETAILS 1 OF 2					
Date	MAY 2021		Scale	AS SHOWN @ A1	
Drawn	TR	Chk'd	FG	QA'D	
					435050-203P

PROJECT COUNCIL ALLOCATION