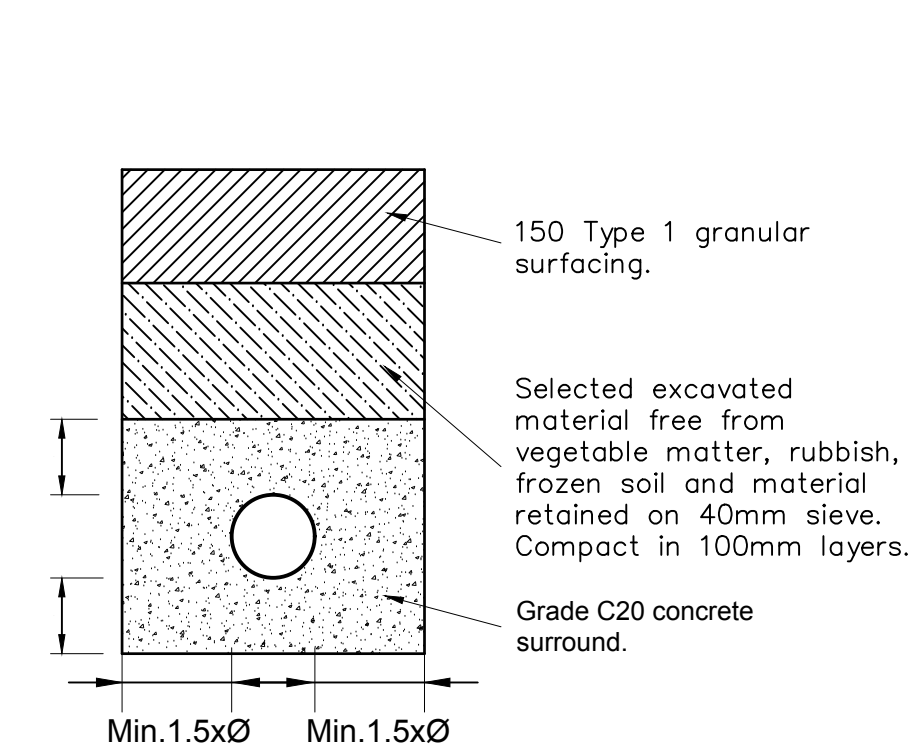
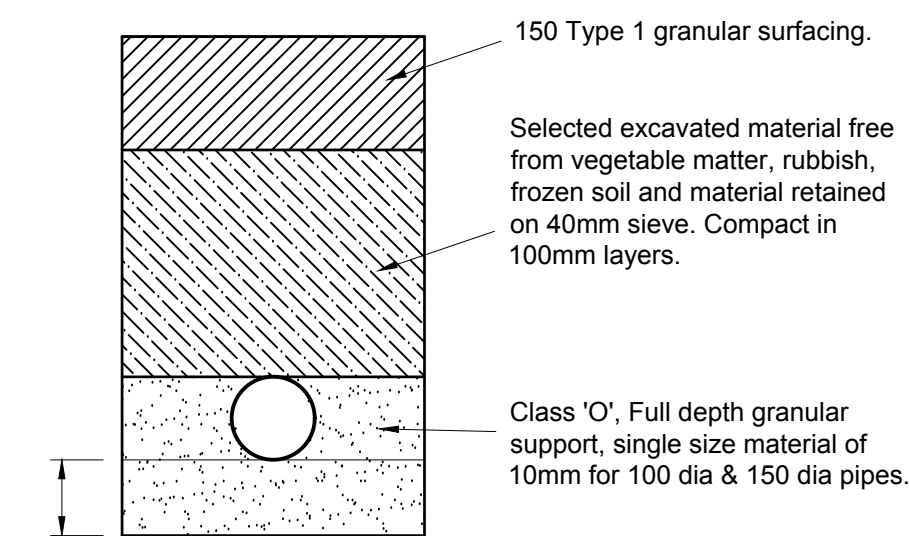
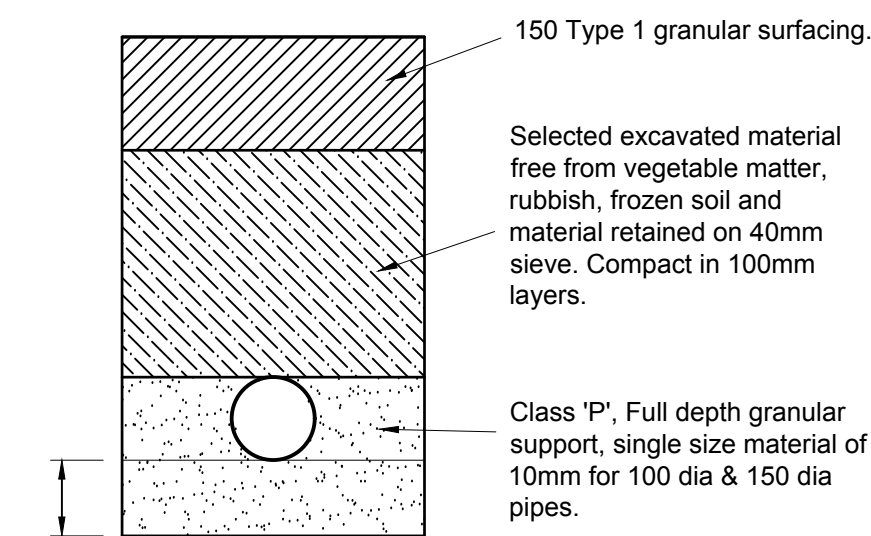




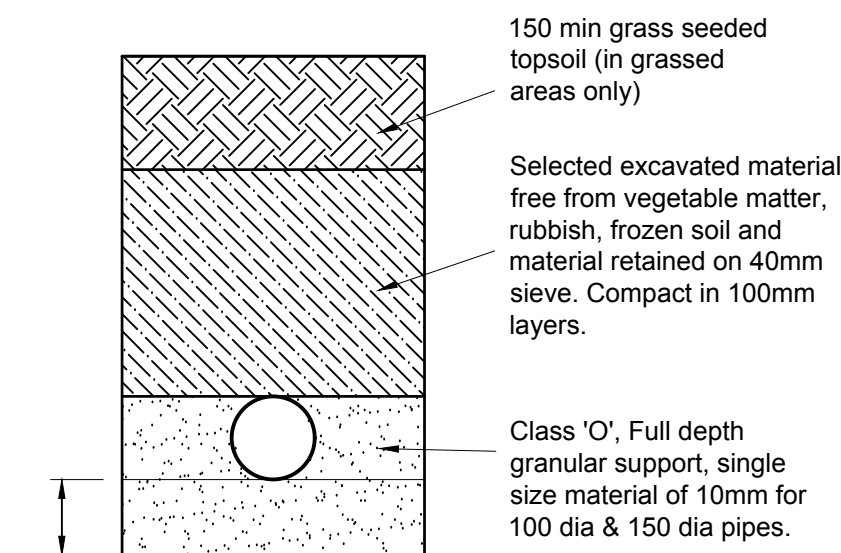
BEDDING FOR FLEXIBLE PIPES LESS THAN 900mm COVER UNDER ROADS
1:10



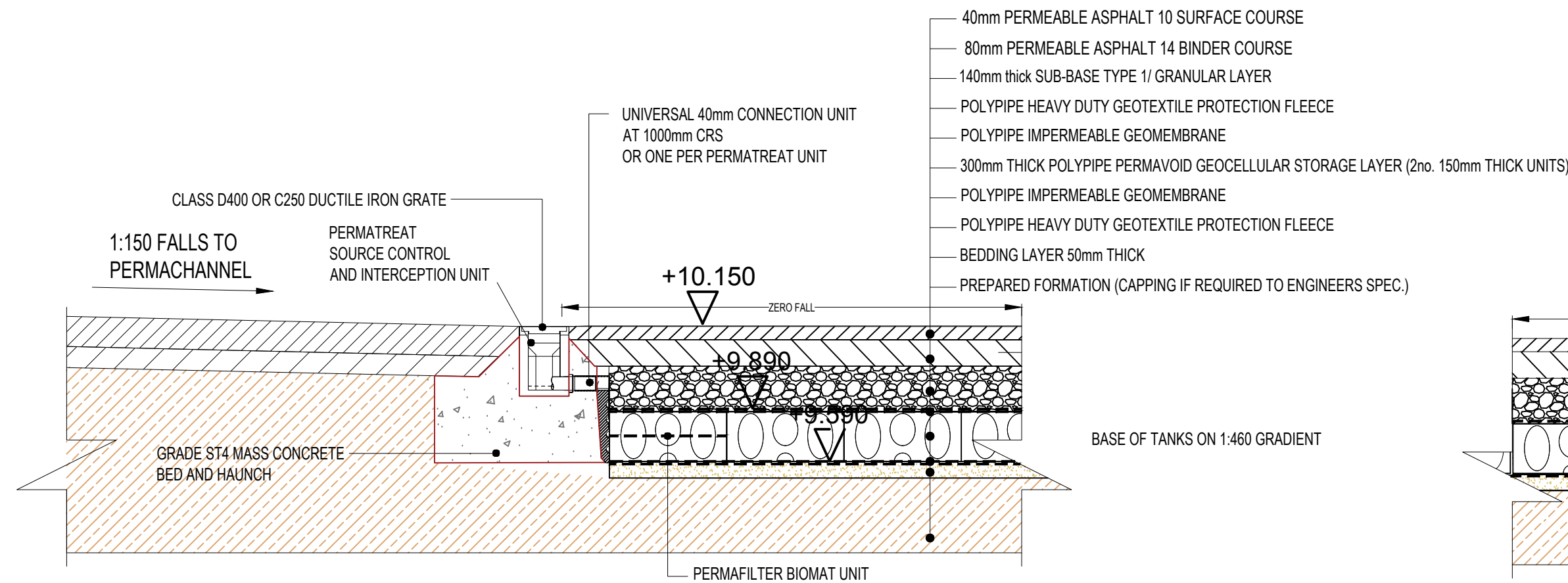
BEDDING FOR FLEXIBLE PIPES 900-1200mm COVER UNDER ROADS
1:10



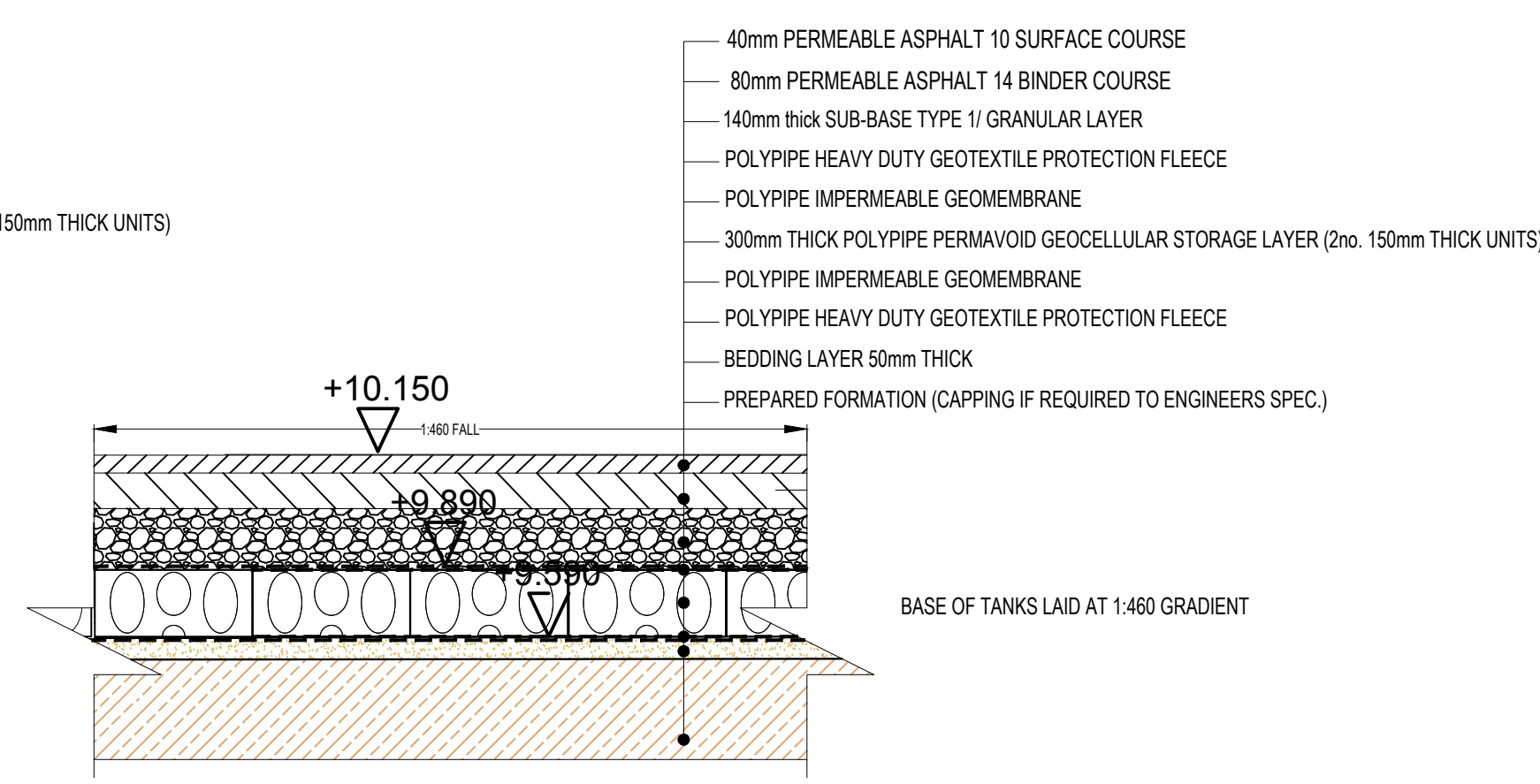
BEDDING FOR FLEXIBLE PIPES 1200-2000mm COVER UNDER ROADS
1:10



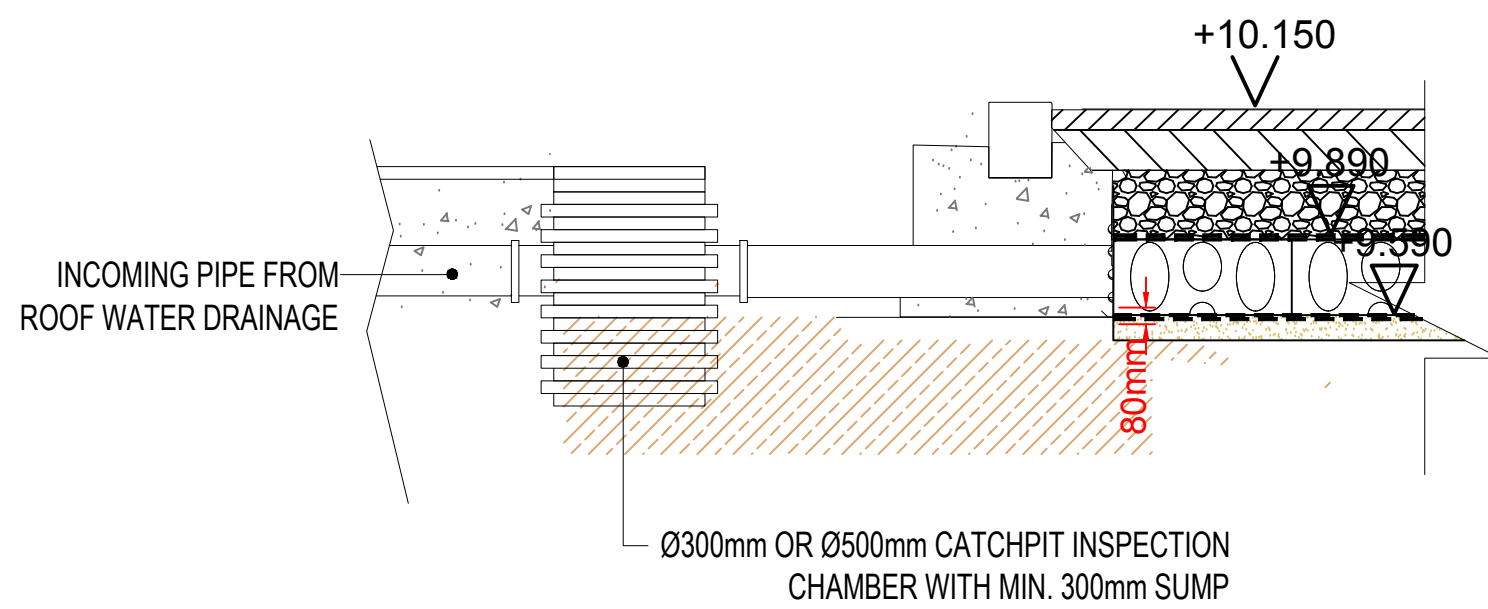
BEDDING FOR FLEXIBLE PIPES UP TO 1500mm DEEP NOT UNDER ROADS
1:10



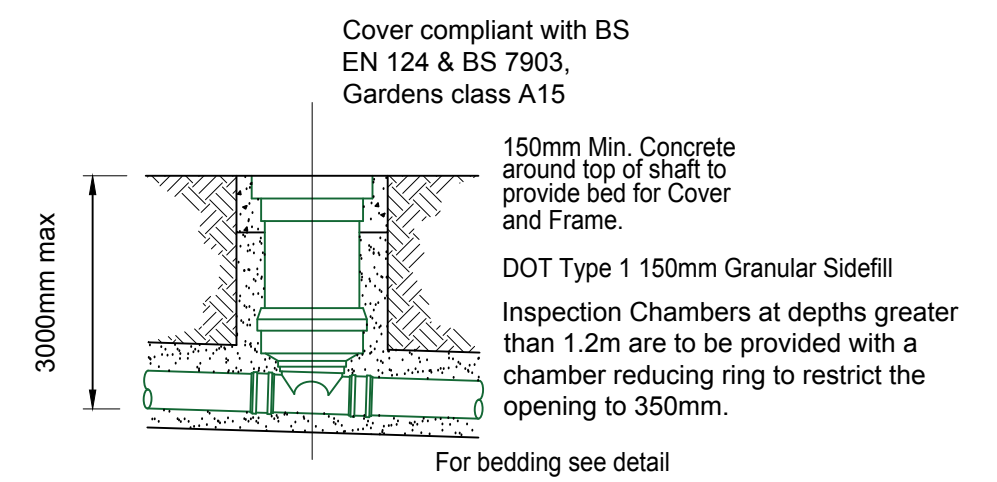
SECTION THROUGH JUNCTION BETWEEN IMPERMEABLE PARKING AREAS AND PERMEABLE ACCESS ROAD WITH PERMAVOID SUB-BASE REPLACEMENT ATTENUATION SYSTEM
SCALE 1: 15



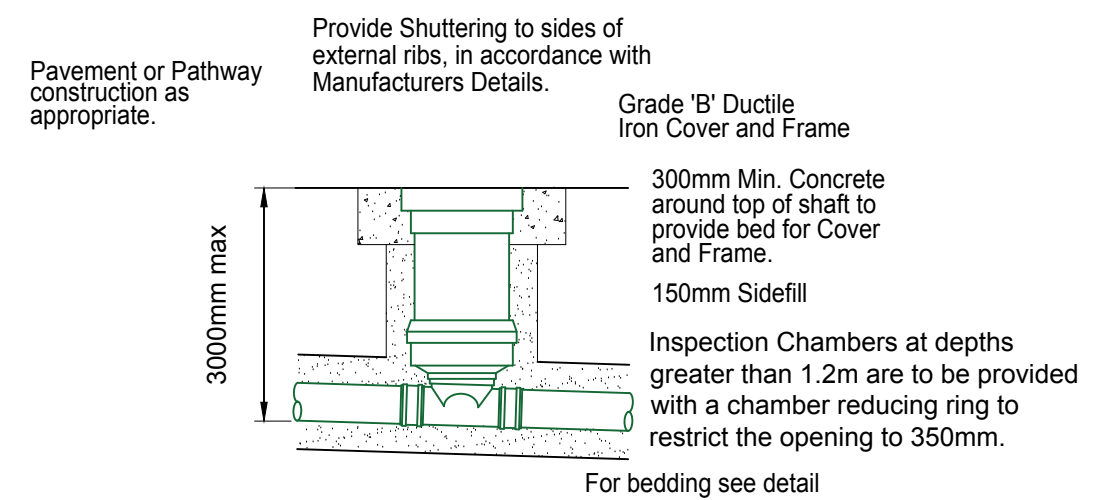
DETAIL A - SECTION THROUGH PERMEABLE ACCESS ROAD INCORPORATING POLYPIPE PERMAVOID SUB-BASE REPLACEMENT ATTENUATION SYSTEM
SCALE 1:15



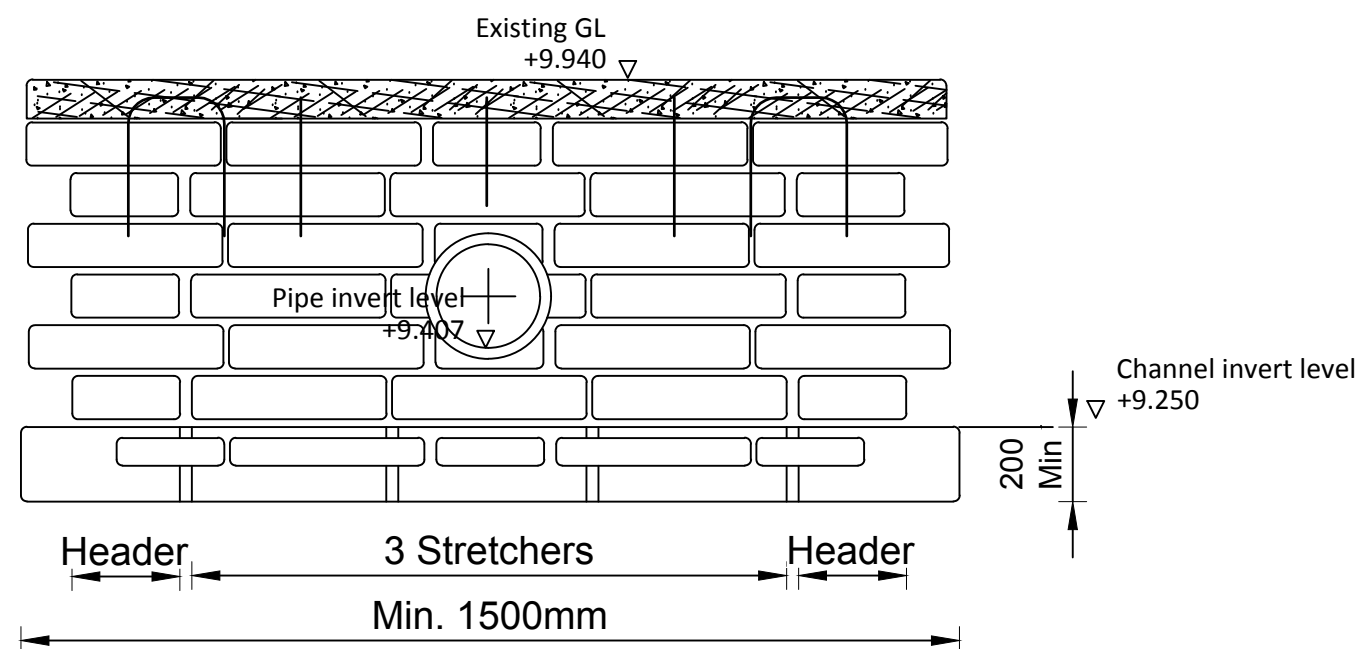
RAINWATER DOWNPIPE DRAINAGE INTO PERMAVOID RAFT
SCALE 1:15



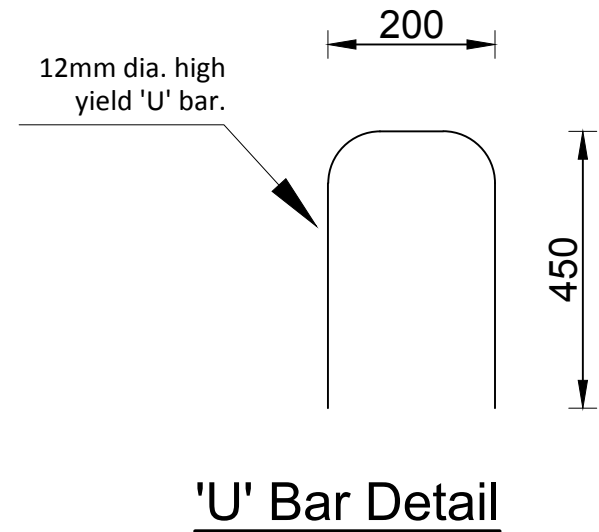
450mmØ INSPECTION CHAMBER GRADE 'A' NON-LOAD BEARING INSTALLATION
1: 20



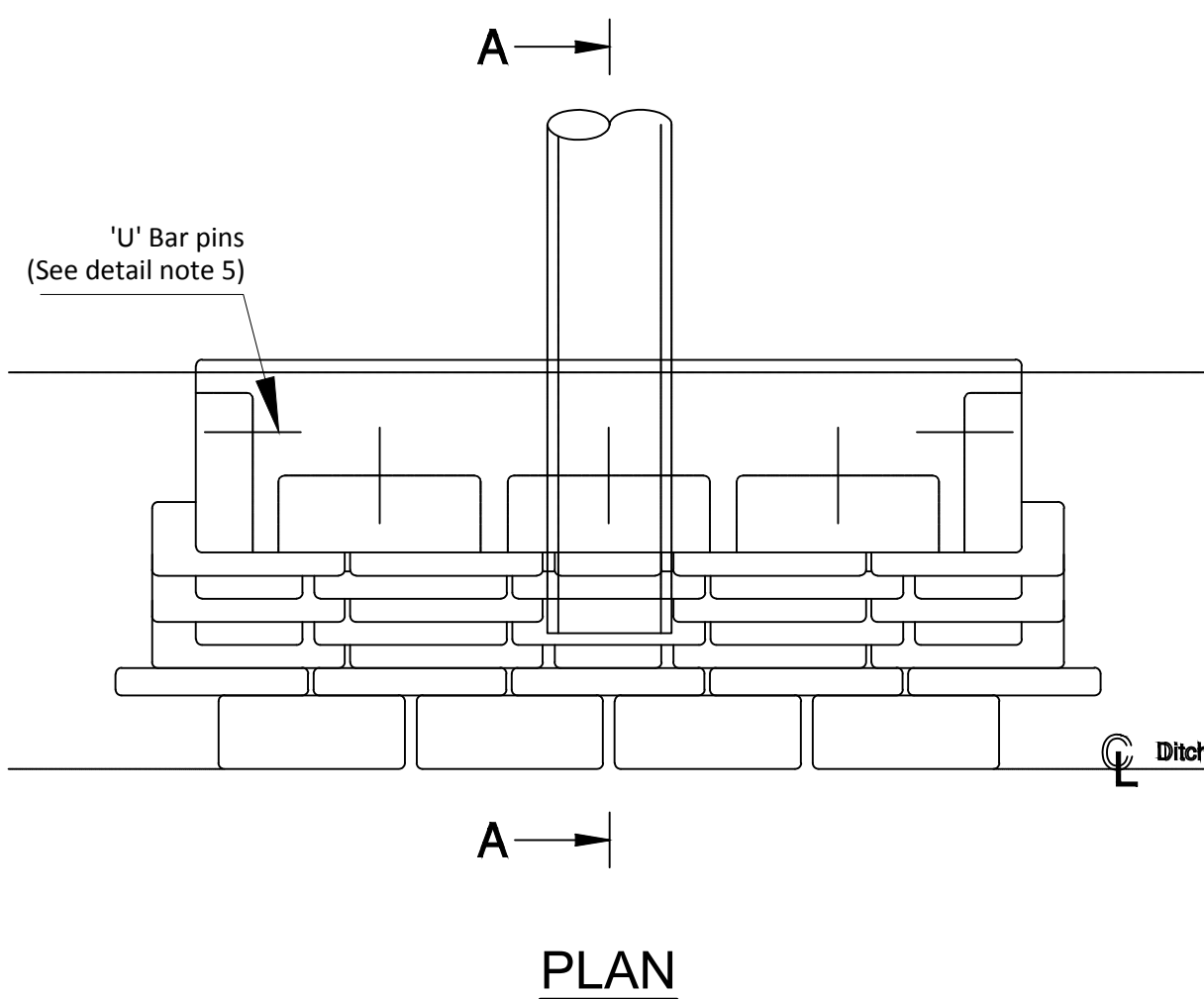
450mmØ INSPECTION CHAMBER GRADE 'B' LOAD BEARING INSTALLATION
1: 20



BAGWALL ELEVATION



TYPICAL BAGWALL DETAIL FOR SURFACE WATER OUTFALL INTO DITCH



BAGWALL SECTION

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

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.

JUN 2021	TB	Scheme amendment				1
Date	By	Revision	QA'd	Chk'd	Ref	
Status						
PRELIMINARY						
STRUTURAL, CIVIL AND BUILDING CONSULTANTS 3 Turnberry House 4400 Parkway Whiteley Fareham Hampshire PO15 7FJ Also at: Landguard Manor Landguard Manor Road Shanklin Isle of Wight PO37 7JB 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	Dr. No.
Drawn	TB	Chk'd	EG	QA'd		435050-203P1