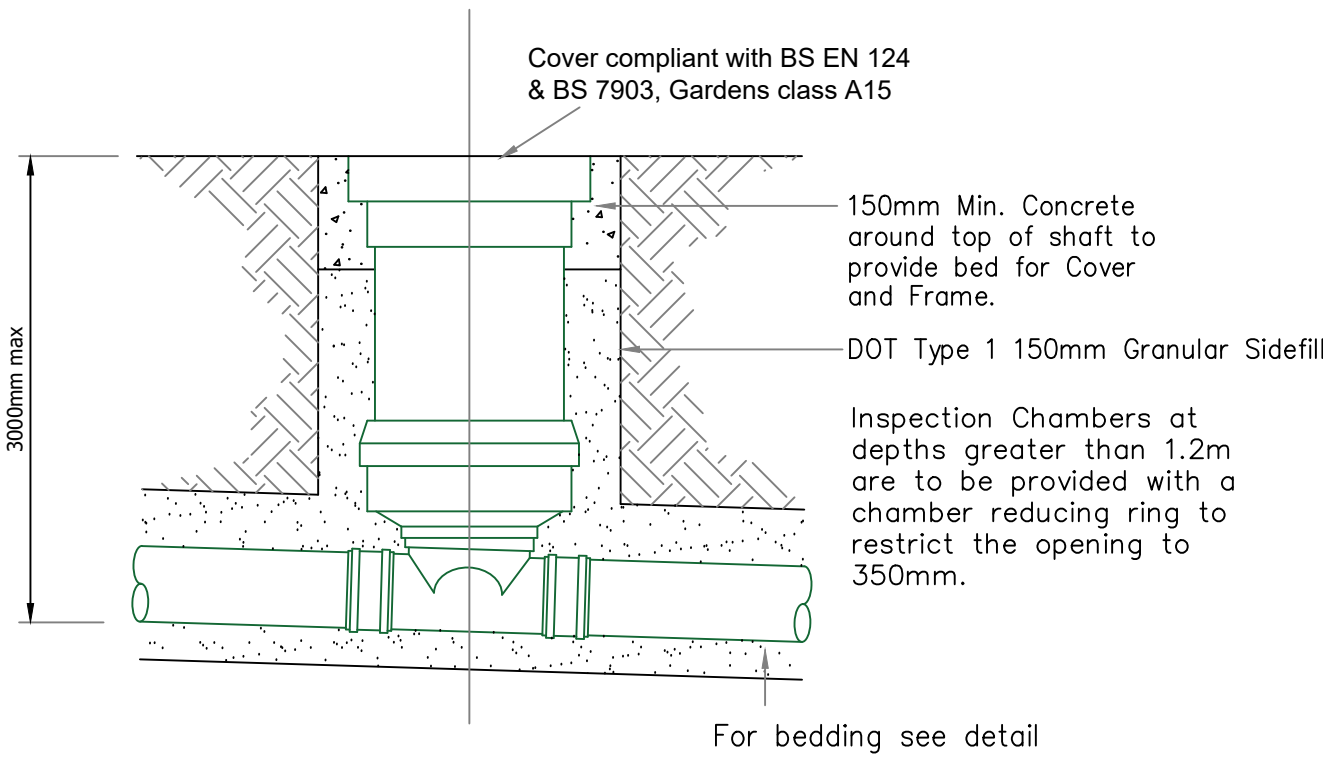
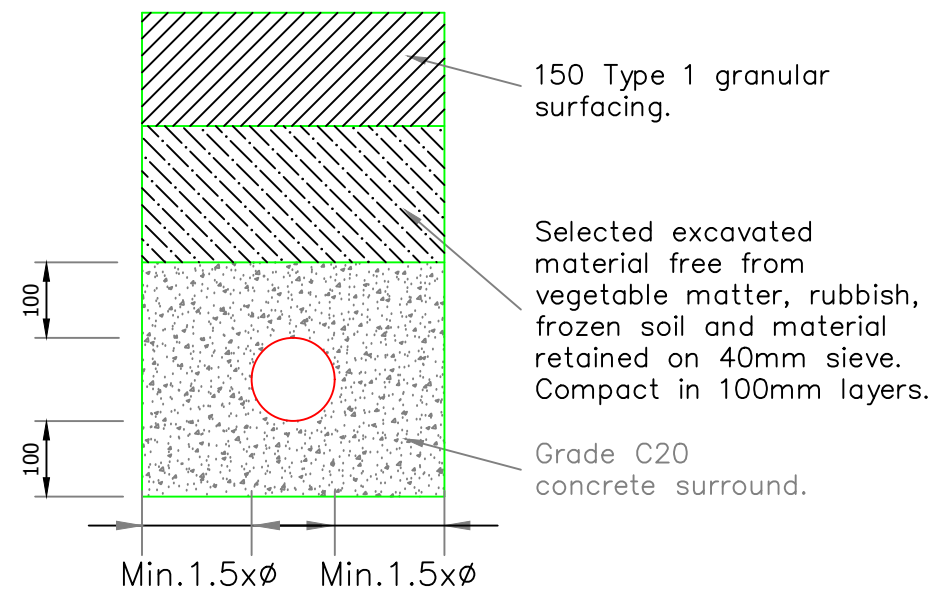


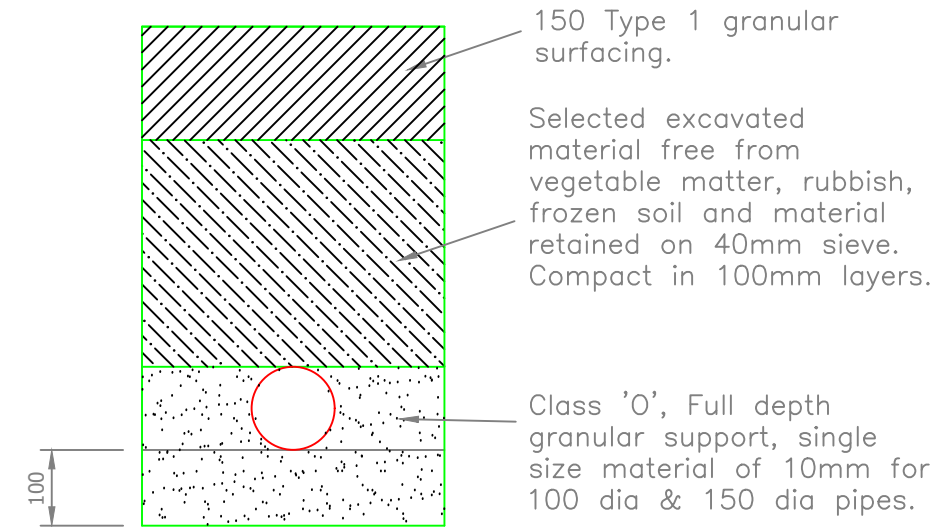


450mmØ INSPECTION CHAMBER
GRADE 'A' NON-LOAD BEARING INSTALLATION

1:10

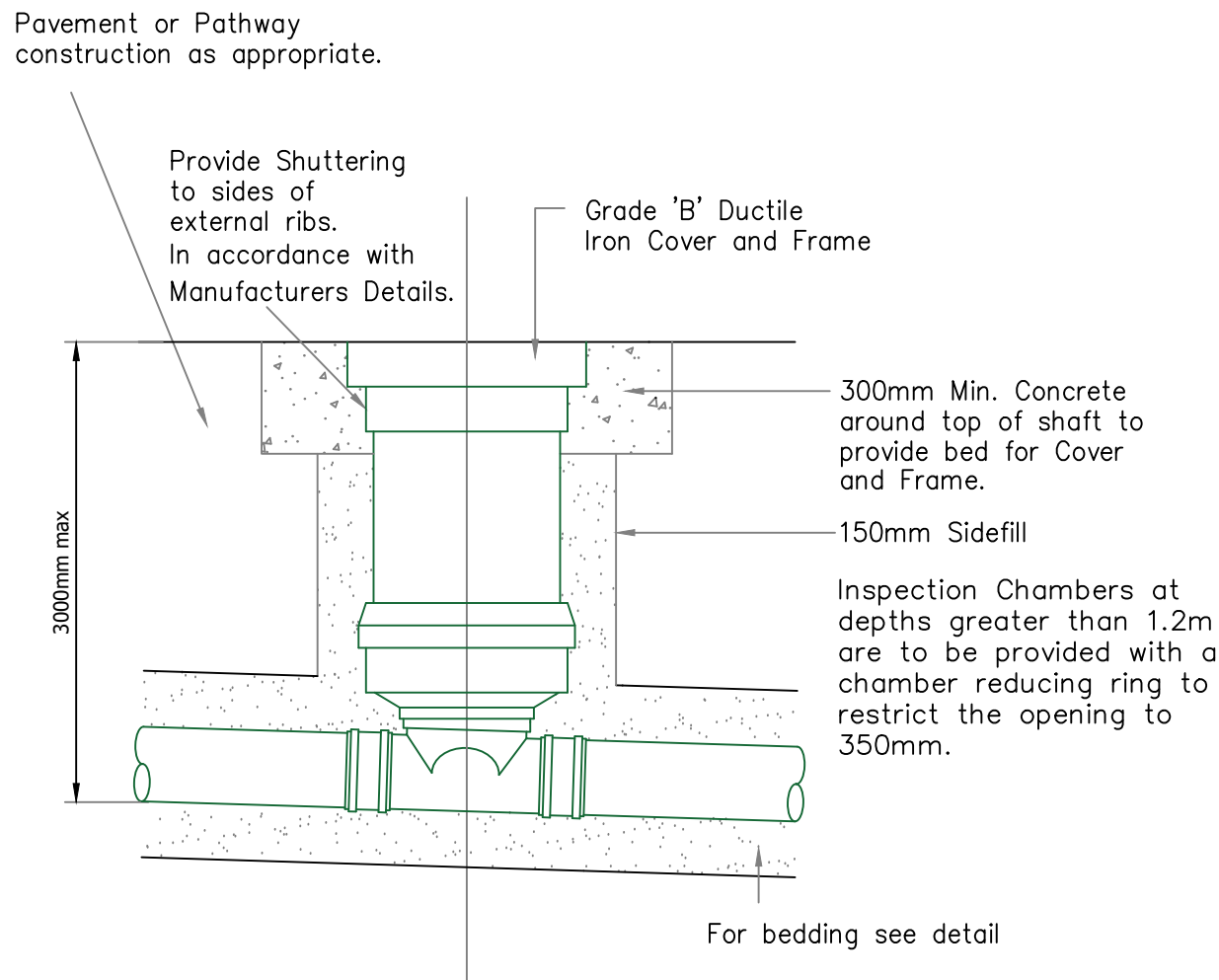


BEDDING FOR FLEXIBLE PIPES LESS
THAN 900mm COVER UNDER
ROADS



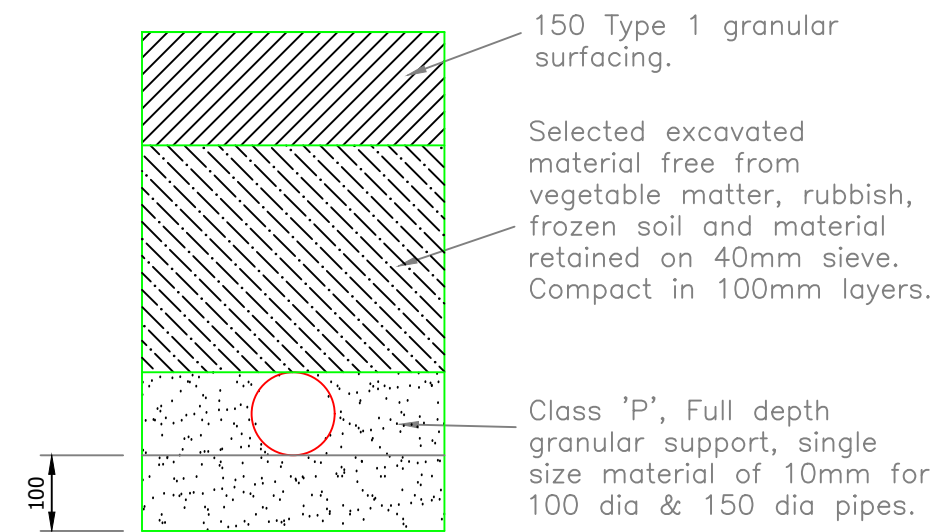
BEDDING FOR FLEXIBLE PIPES
900-1200mm COVER UNDER ROADS

1:10



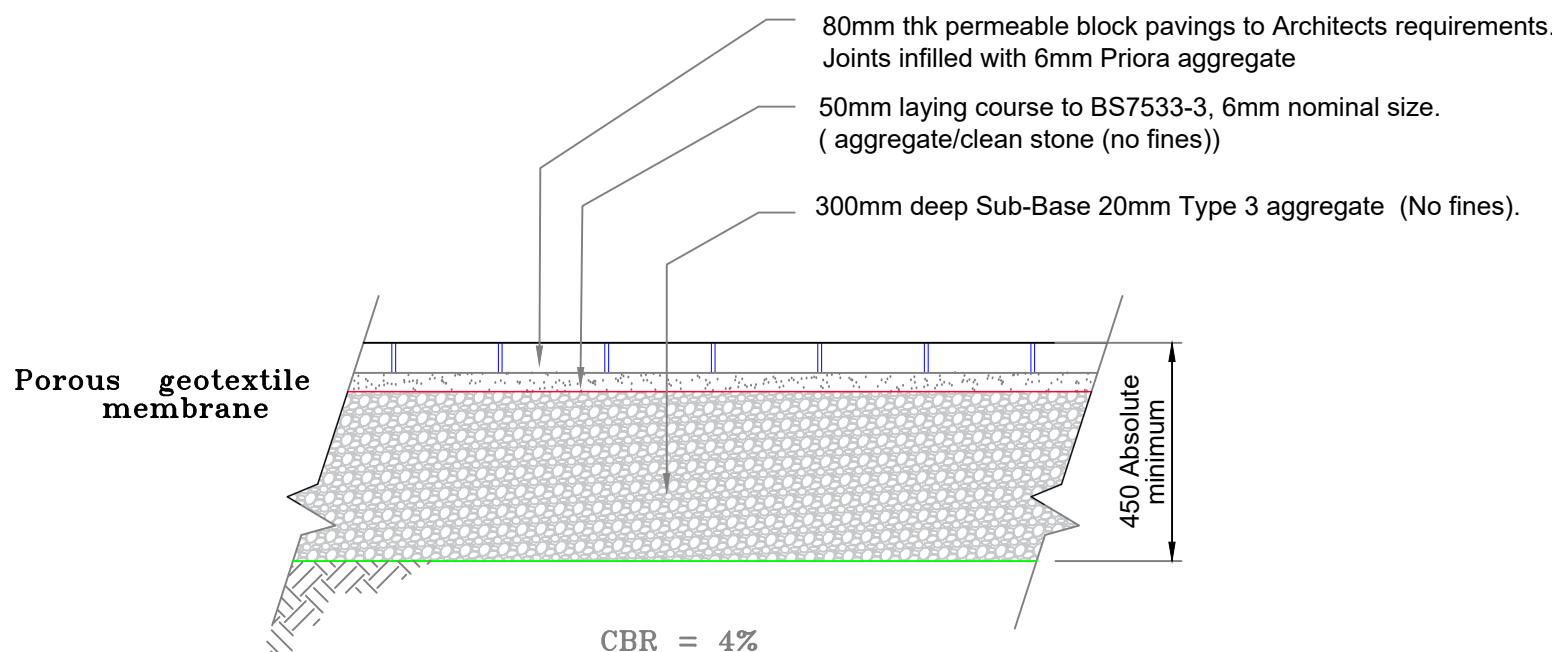
450mmØ INSPECTION CHAMBER
GRADE 'B' LOAD BEARING INSTALLATION

1:10



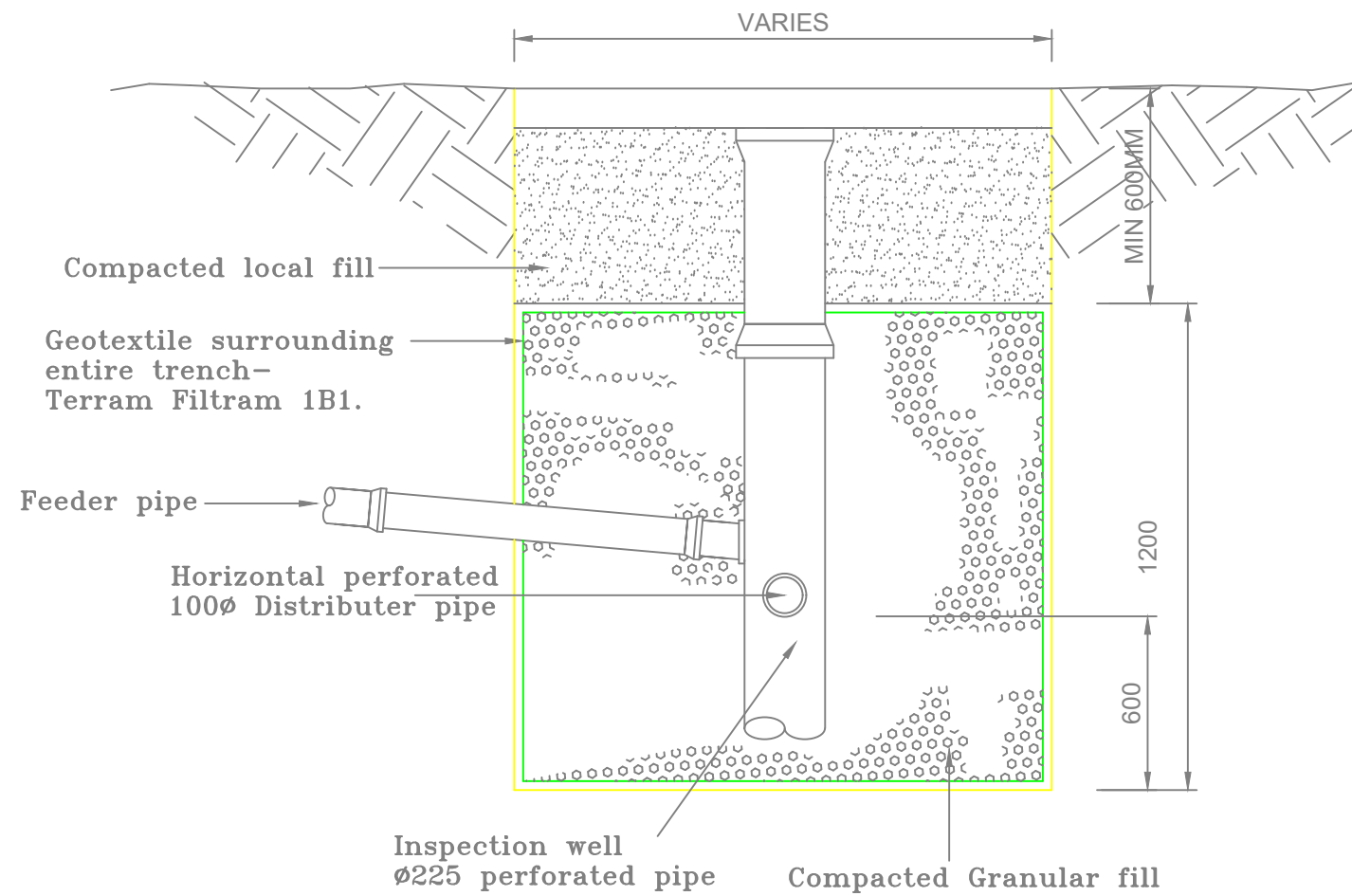
BEDDING FOR FLEXIBLE PIPES
1200-2000mm COVER UNDER ROADS

1:10



NEW ACCESS ROAD & PARKING PERMEABLE
PAVING CONSTRUCTION
TYPICAL SECTION DETAIL

SCALE 1: 20



TYPICAL SECTION
THROUGH
SOAKAWAY

Scale 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.

GRAVEL FILLED SOAKAWAY SCHEDULE

Reference	Invert Level IL(IN) (m)	Cover Level (m)	Soakaway Depth (m)	Overall Depth (m)	Width (m)	Length (m)
SO1A	6.170	6.570	1.200	1.800	0.400	10.000
SO1B	5.807	6.210	1.200	1.800	0.400	21.000
SO2A	6.158	6.690	1.200	1.800	0.400	6.000
SO2B	6.330	6.730	1.200	1.800	0.400	23.000
SO3A	6.370	6.700	1.200	1.800	1.000	9.500
SO3B	6.500	6.850	1.200	1.800	1.000	6.000
SO4	6.310	6.460	1.200	1.800	1.000	15.500
SO5	6.240	6.440	1.200	1.800	1.000	15.500
SO6	6.200	6.400	1.200	1.800	1.000	15.500

Date	By	Revision	QA'D	Chk'd	Ref
Status	PRELIMINARY				
 Cowan Consultancy STRUCTURAL, 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	MERLIN HOMES				
Project	LAND SOUTH OF ORCHARD BUSINESS PARK YAPTON				
Title	SURFACE WATER DRAINAGE DETAILS 3 OF 3				
Date	MAR 2021	Scale	AS SHOWN	© A1	Drg. No.
Drawn	TB	Chk'd	EG	QA'D	424927/203F

APPROVED FOR CONSTRUCTION