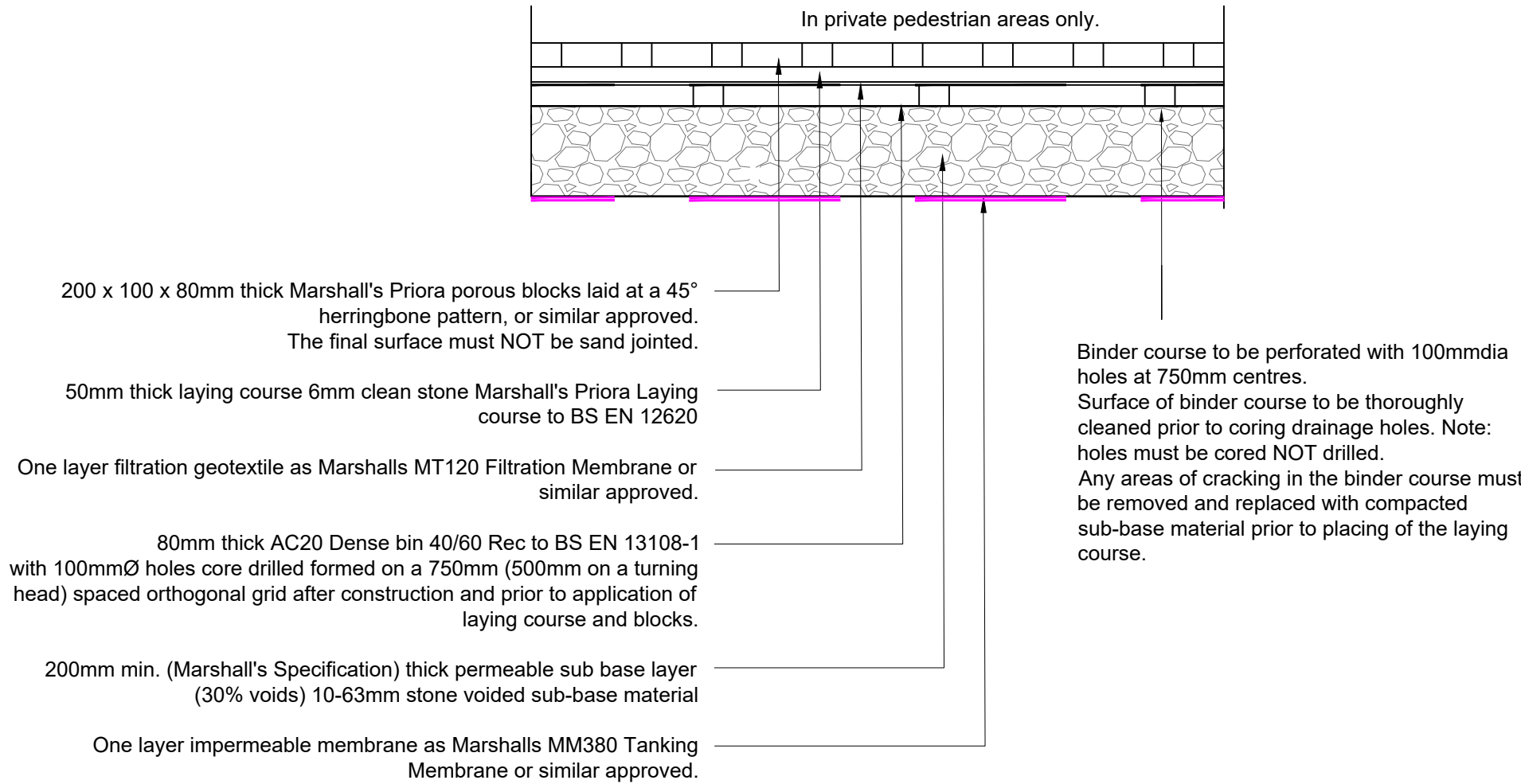
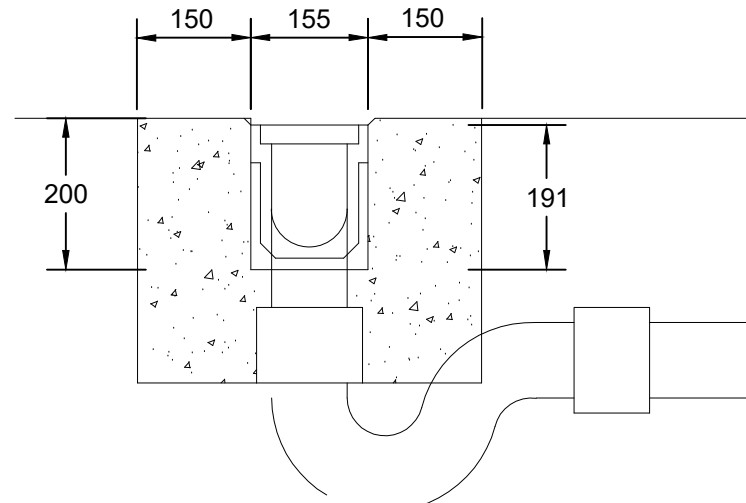




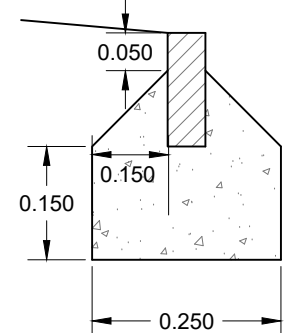
PERMEABLE BLOCK PAVING WITH IMPERMEABLE SUB-BASE SHARED DRIVEWAY CONSTRUCTION

Shared driveway construction to be used for parking served by more than 2 properties. Impermeable membrane to be provided where sub-base meets adoptable areas.



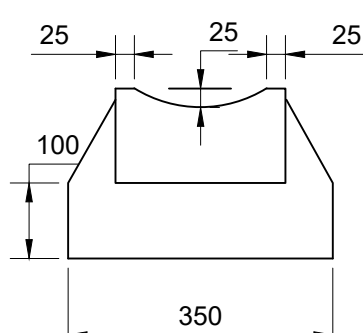
Typical Aco Detail

S100 polyester resin concrete drainage channel with concrete class ST4 bed and haunch. Channel is to be fitted with heavy duty grating in vehicular areas. 100mm dia outlet to be trapped with low back p-trap.



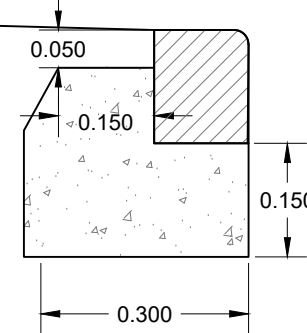
EF EDGING

50 x 150mm edging to BS EN1340 part 1 type EF with ST1 Mix concrete bed and haunch



DISHED CHANNEL

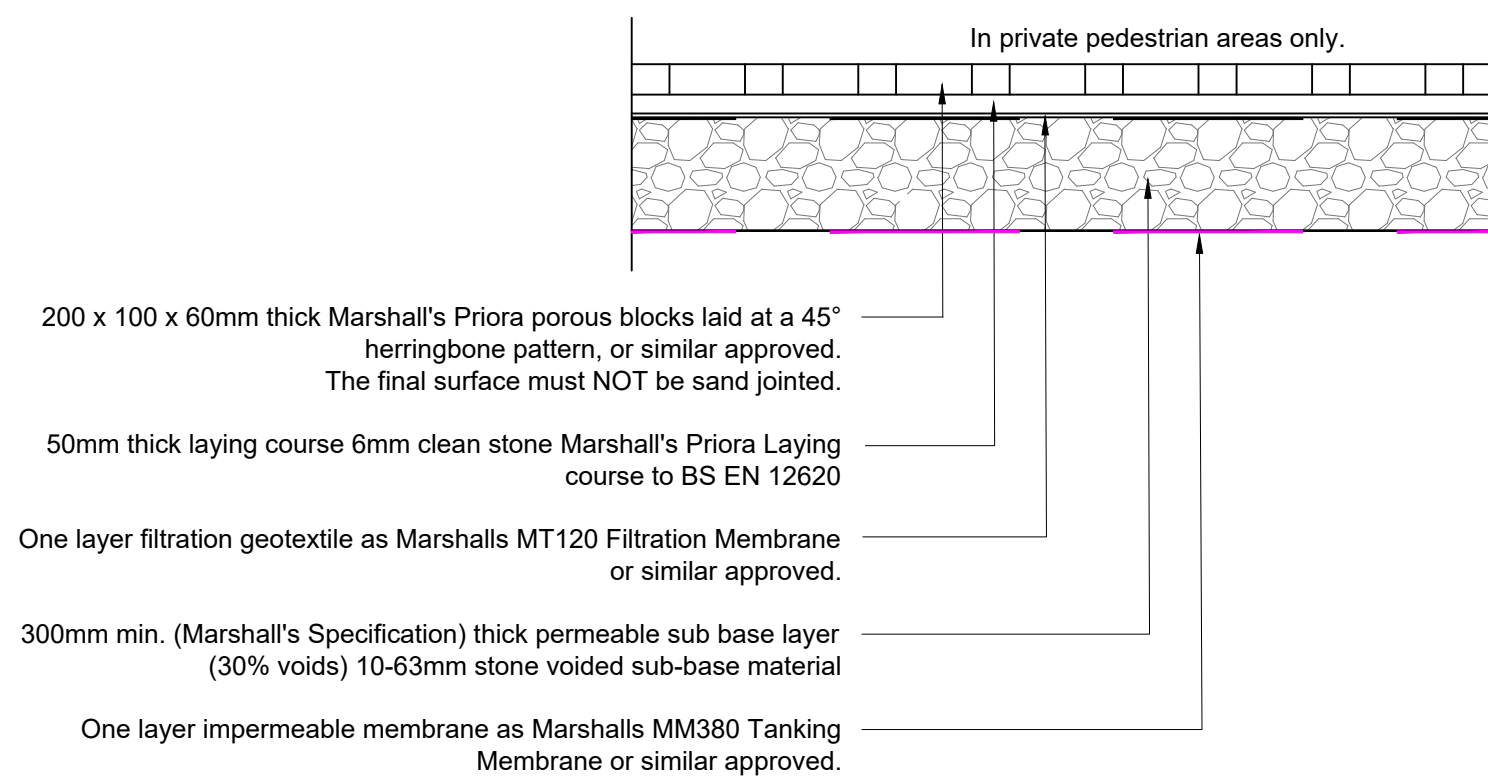
255 x 125 dished channel type CD with grade ST2 concrete bed & haunch. Gully pots located at the end of channel run.



BULLNOSE KERB

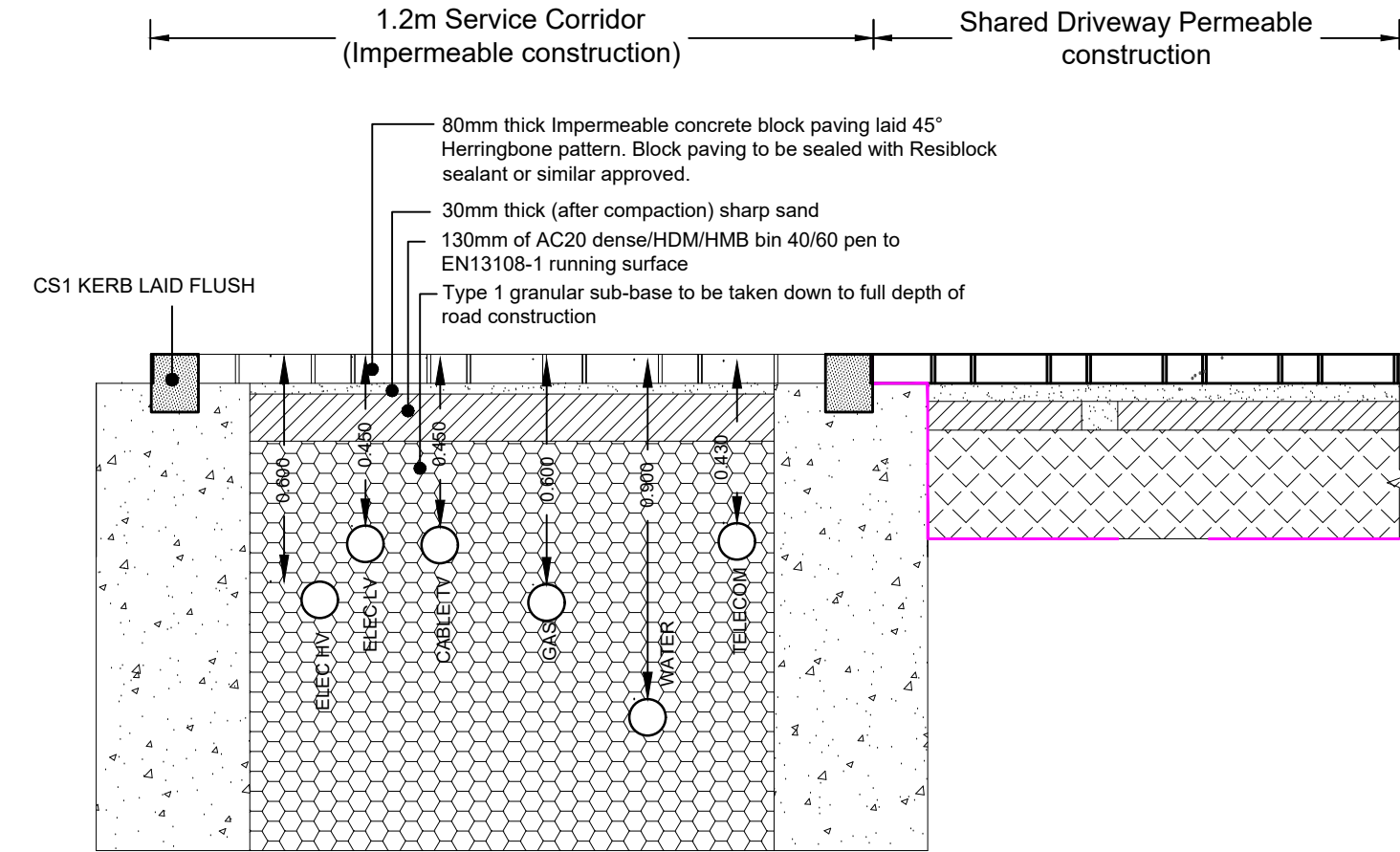
125 x 150mm bullnose kerb to BS EN1340 part 1 type BN with Mix ST1 concrete bed and haunch

CBR VALUES TBC PRIOR TO CONSTRUCTION, MARSHALL'S MG15 GRID TO BE INSTALLED AS REQUIRED AT CBR VALUES OF 5% AND LESS IN ACCORDANCE WITH MARSHALLS SPECIFICATION. SUB-BASE THICKNESSES HAVE BEEN BASED ON A CBR OF 2% DESIGN CONSTRUCTION.

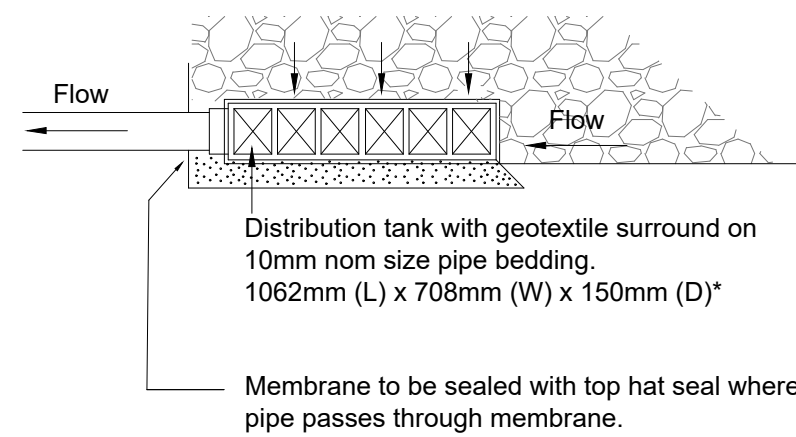


PERMEABLE BLOCK PAVING WITH IMPERMEABLE SUB-BASE SINGLE DRIVEWAY CONSTRUCTION

Recommendations based on Marshall's product listings, to be constructed in accordance with manufacturers specifications, advise to be sought should alternative be preferred.



1.2m SERVICE CORRIDOR



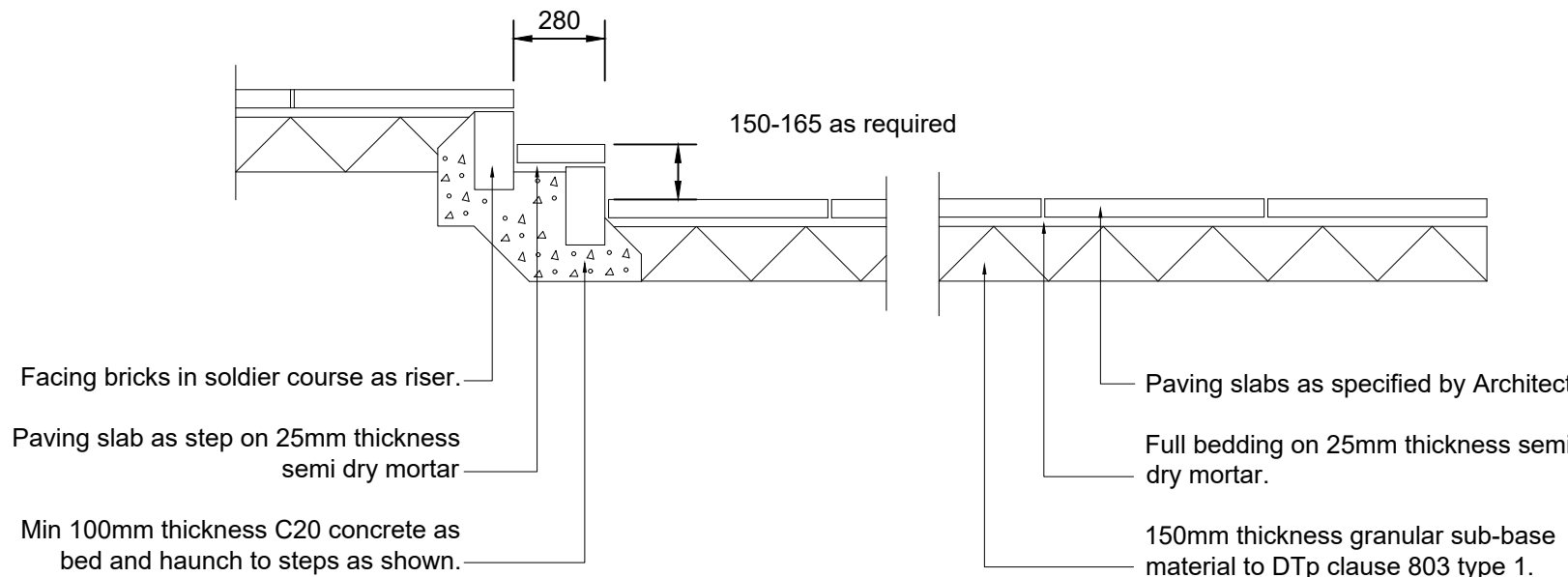
TYPICAL COLLECTOR UNIT

<https://www.polypipe.com/civils-and-infrastructure/permavoid-rainwater-diffuser-unit>
*All collector unit dimensions to be confirmed suitable by manufacturer

Maximum Catchment Area	Minimum Dimensions*
50m²	1062mm (L) x 708mm (W) x 150mm (D)
80m²	1062mm (L) x 1062mm (W) x 150mm (D)
150m²	1416mm (L) x 1062mm (W) x 150mm (D)
200m²	1416mm (L) x 1416mm (W) x 150mm (D)
240m²	2124mm (L) x 1416mm (W) x 150mm (D)

*All distribution unit dimensions to be confirmed suitable in relation to the suggested catchment area by manufacturer

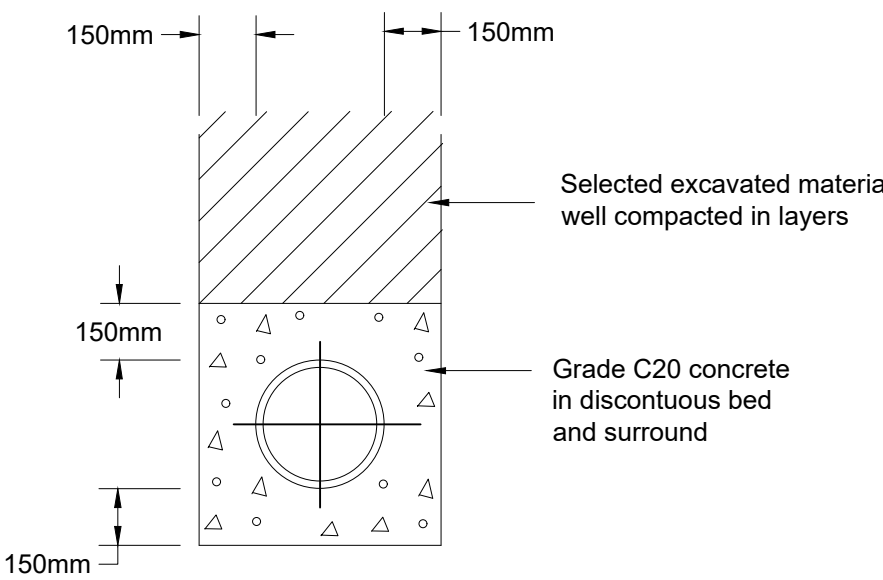
REFER TO DRAINAGE LAYOUT PLANS FOR LOCATIONS OF COLLECTOR UNITS. IT MUST BE ENSURED THAT THE COLLECTOR UNITS ARE PROVIDED WITHIN THE LOW SPOTS OF ALL POROUS BASE DRIVEWAYS, SOMETIMES COLLECTOR UNITS ARE LOCATED AWAY FROM SURFACE LOW SPOTS SO SUB-BASE SHOULD BE LAID AT 1:500 TOWARDS POSITION OF COLLECTOR UNIT.



External Steps

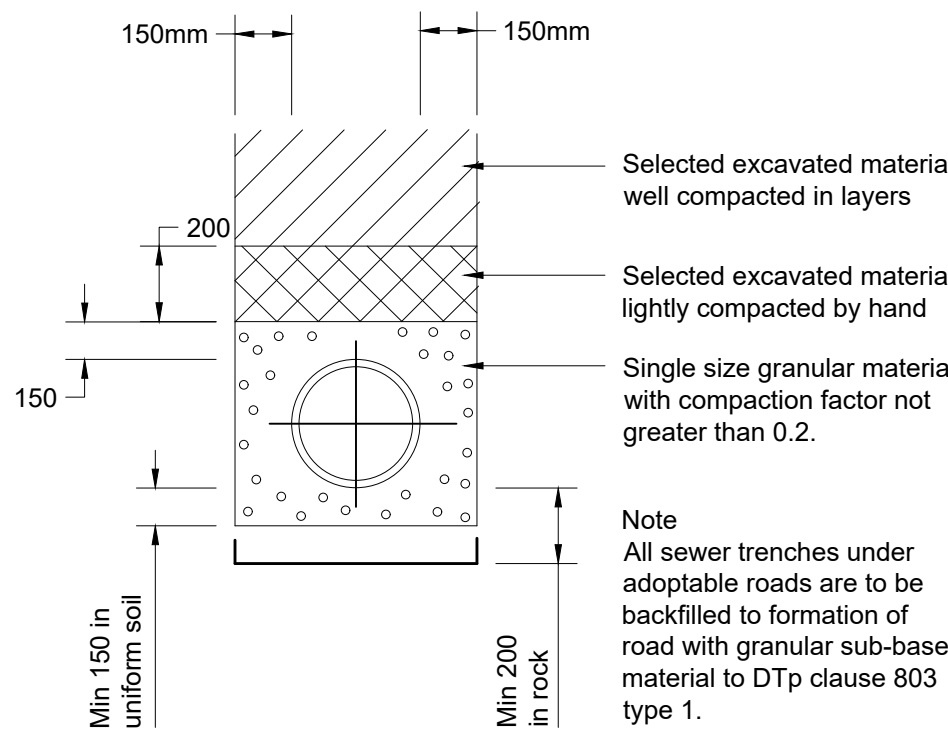
Paths and Patio Areas

Concrete protection shall be provided to all pipes with less than 300mm cover in pedestrian areas, to all pipes with less than 600mm cover in private driveways not used by commercial vehicles, and to all pipes with less than 1200mm cover in roads or private driveways used by commercial vehicles. Where concrete surround is specified flexibility of joints is to be maintained by using compressible bitumen impregnated fibreboard at each joint.



Concrete Protection

Concrete protection shall be interrupted at each pipe joint by shaped compressible filler



Class S Bedding

The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and sewer invert levels at connection points and ensure that they are fully consistent with the contents and requirements of the site investigation report before work starts. The Contractor is to comply in all respects with current building regulations, British Standard specifications, building regulations etc. detailed or not specifically stated on the drawing.

This drawing is not intended to show details of ground conditions or ground constraints. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for such structures which do not accord with the stipulated conditions as described in the site investigation report are to be remedied notified to the Engineer, where applicable. Any report that ground or ground constraints or within the ground should be further investigated by a suitable report.

Any earthwork shown indicates typical slopes for guidance only and should be investigated further by a suitable geotechnical report.

Where existing lines are shown to be altered they should be subject to a full geotechnical investigation for safety. All trees are to be planted as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed line planting, where applicable.

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Rev	Description	Date	By
E	Drawing updated to include concrete pipe protection detail.	19.10.2021	DB
D	Drawing updated to include pipe bedding details. Drawing status updated to 'Construction' subject to discharge of planning conditions as requested by client.	04.10.2021	DB
C	Drawing updated to include ACO Channel.	31.08.2021	DB
B	Design CBR specified.	19.03.2021	LH
A	Service Corridor reduced to 1.2m as per Conveyance plan.	04.01.2021	LH
	Final Issue.	19.10.2021	LH



Client
Dappers Lane, Angmering,
West Sussex

Project
Private Driveway
Construction Details

Drawing Status	CONSTRUCTION
Scale	A1
Date	October 2020
File	20079/dwgs/civils/current
Drawn	LJ
Checked	
Drawing	
20079 - 326 E	

