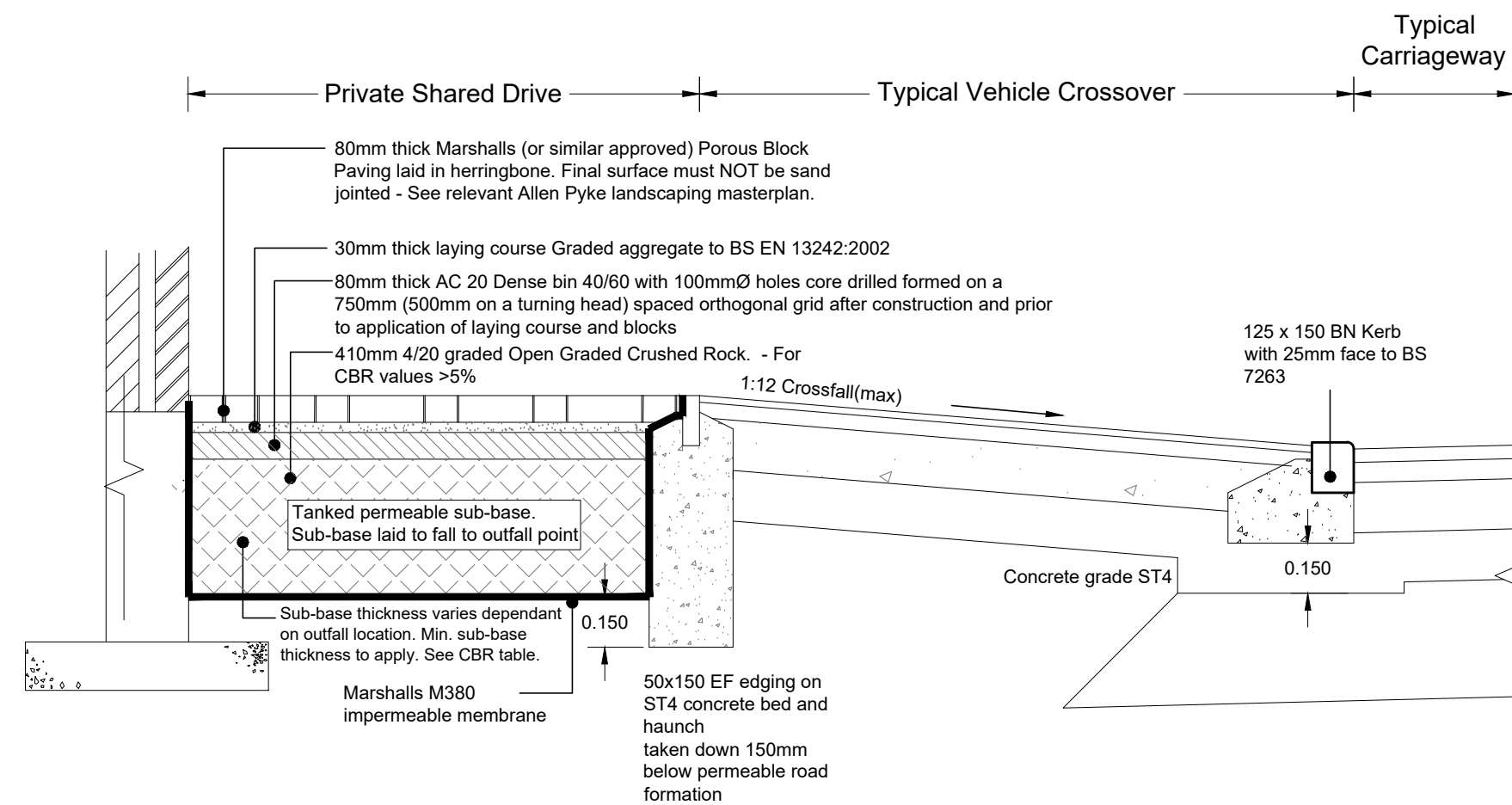
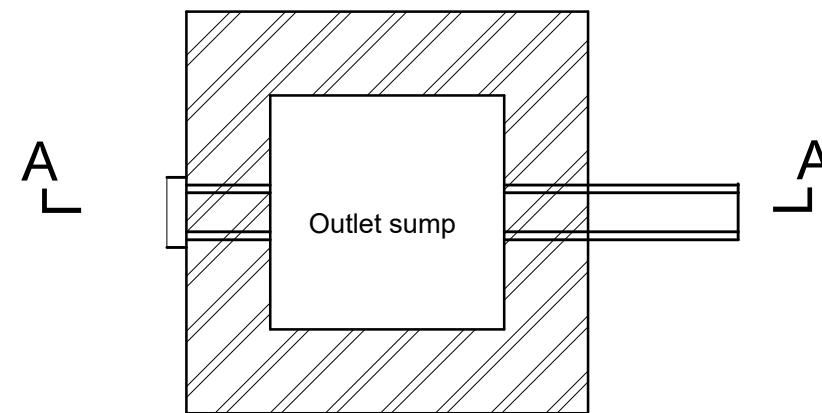




NOTE - Permavoid diffuser requires minimum depth of cover of 260mm based on 12 tonne vehicular loading and CBR value of 5% & to be installed in strict accordance with manufacturers requirements.



Outlet Sump Detail

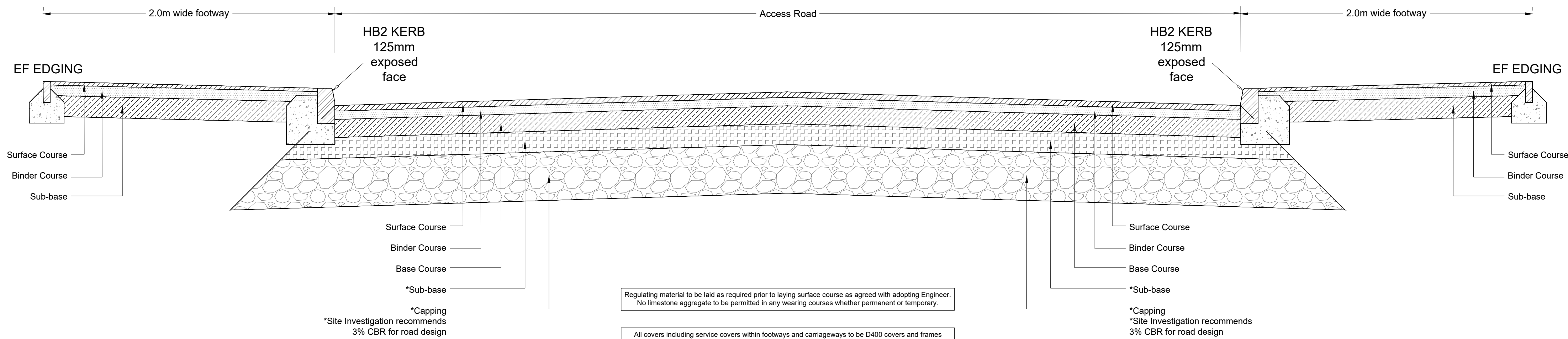
Sieve size	% passing
100mm	100
63mm	90-100
37.5mm	60-80
20mm	15-30
10mm	0-5

Note: In car parking and lightly trafficked areas where CBR is less than 5% a capping layer of 200mm thickness is required. In heavily trafficked areas a capping layer is to be provided to ensure that the sub-grade has a CBR of at least 15%.

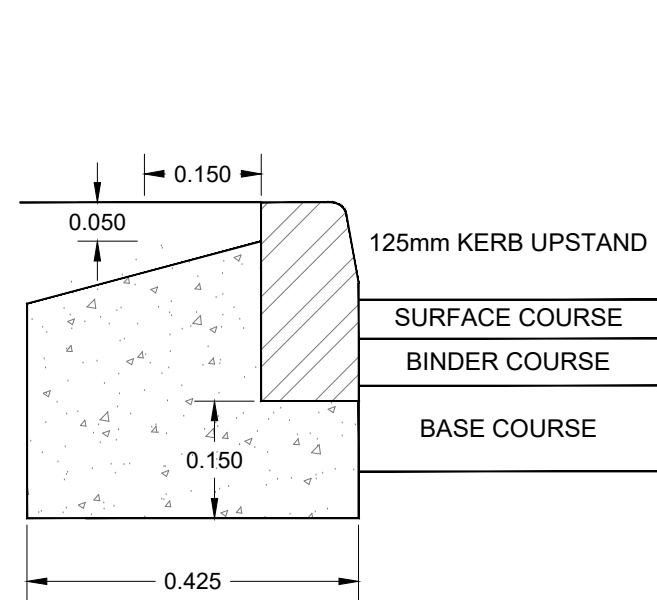
Access Road < 200 dwellings			
Layer	Nom.Size	Matreials	Compacted Thickness
Surface Course	10mm	AC10 Close Graded Asphalt Concrete Surface Course 100/150 to Cl 942 PSV 68+ AAV 14	30mm
Binder Course	20mm	AC20 dense bin 100/150 rec to DfT SHW 906	60mm
Base Course	32mm	AC32 dense base 40/60 rec to DfT SHW 906	100mm
Sub Base & Capping	<2%	Type 1 sub base to DfT SHW Clause 803	Bespoke Design
	2-2.5%	Type 1 sub base DfT SHW to Clause 803 6F1 or 6F2 Capping Layer to SHW Clause 613	150mm 600mm
	2.5-5%	Type 1 sub base DfT SHW to Clause 803 6F1 or 6F2 Capping Layer to SHW Clause 613	150mm 350mm
	>5%	Type 1 sub base DfT SHW to Clause 803 6F1 or 6F2 Capping Layer to SHW Clause 613	150mm 100mm

Ground Investigation suggests CBR of 3% may be used for design. TBC during construction as per WSCC requirements

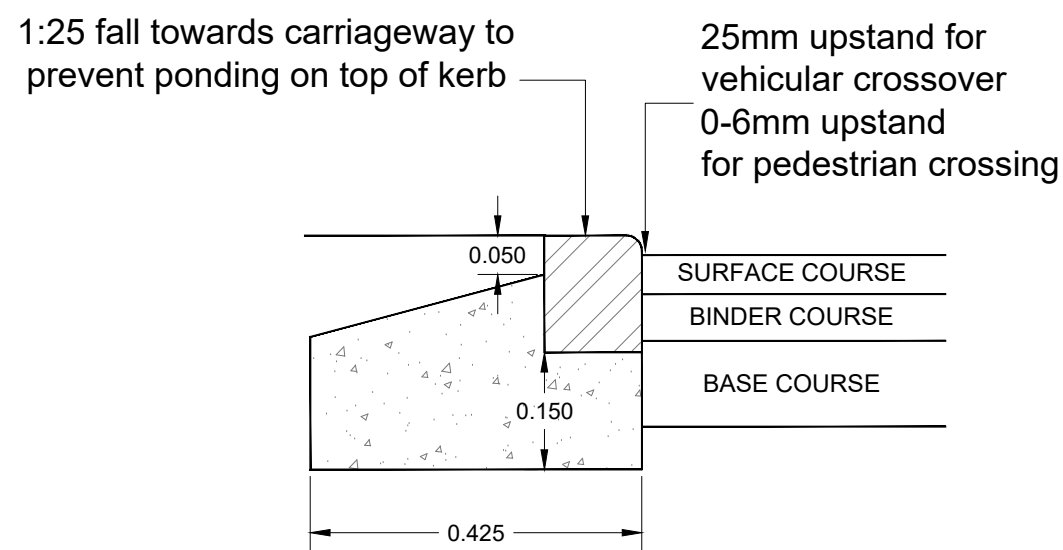
Footway / Cycleway Construction			
Layer	Nom.Size	Matreials	Compacted Thickness
Surface Course	6mm	AC 6 dense surf 100/150 to DfT SHW Clause 909	20mm
Binder Course	20mm	AC20 dense bin 100/150 rec conforming to DfT SHW 906	50mm
Sub Base		Type 1 / Type 2 sub base DfT SHW to Clause 803	100mm



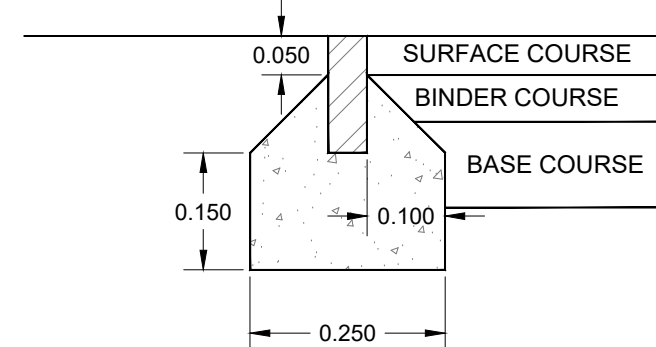
TARMAC ROAD CONSTRUCTION



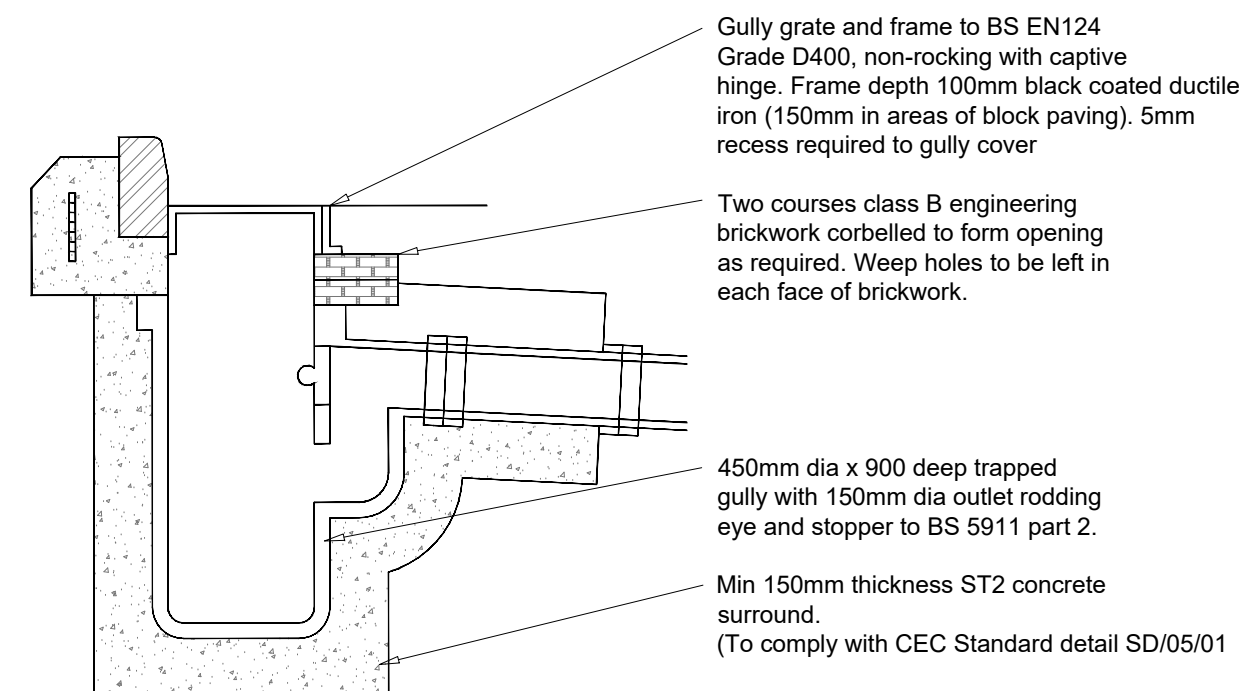
125 x 255 PCC Half Battered Kerb to BS EN 1340 laid on 13mm mortar bed or laid bedded directly on ST4 concrete foundation whilst plastic. 150mm type 1 sub-base required beneath kerb bed and will extend back 150mm past the back of kerb haunch.



125x150mm PCC bullnosed kerb to BS EN 1340 laid on 13mm mortar bed or laid and bedded directly on ST4 concrete foundation whilst plastic. 150mm type 1 sub-base required beneath kerb bed and will extend back 150mm past the back kerb haunch.



50x150mm PCC flat top edging to BS EN 1340
bedded with ST4 concrete foundation. 150mm type
1 sub-base required beneath kerb bed and will
extend back 150mm past the back kerb haunch.



Typical Road Gully

ADAPTABLE ROADS AND SEWERS

- Roads, footways and parking bays which form part of the highway to be adopted under Section 87 of the Highways Act 1980 must have appropriate arrangements for drainage.
- Sewers to be adopted under Section 104 of the Water Industries Act 1991 shall comply with the Water Authorities Association "Sewers for Adoption 6th or 7th Edition" with any amendments specified by the relevant authority.
- All pipes to be used in adoptable sewerage shall be either clayware to BS EN 205 or concrete to BS EN 1916 and BS EN 911 Part 1 with Class S bedding unless otherwise stated. With approval of the Adopting Authority, other materials may be used.
- BS EN 14746 may be used.

Where there are less than 1200mm under adoptable carriageway the trench shall be filled to formation of the carriageway with well compacted DTP Type 1 material).

Where cover to a pipe is less than 1200mm under adoptable carriageway it shall be provided with concrete bedding to the full depth of the trench. Where the trench is deeper than 1200mm the bedding to the carriageway will be well compacted DTP Type 1 material. Where concrete bed and surround is specified, the bedding and surround of joints to be made up using compressible bitumen impregnated fibreglass board at each joint plane.

All existing drainage level, invert levels, diameters and locations are to be checked by the Contractor prior to starting work. If there is any difference between actual and drawn details, this is to be reported to the Engineer immediately.

The Contractor shall ensure that all manholes, inspection chambers and apparatus adjacent to sewers to be checked by the Contractor prior to starting work.

CONTRACTOR SHOULD REFER TO LATEST
VERSION OF WEST SUSSEX COUNTY COUNCIL
ECONOMY, COMMUNITIES & CORPORATE
DIRECTORATE - HIGHWAYS SPECIFICATION FOR
NEW DEVELOPMENTS

A -	Drawing amended to construction issue First Issue	19.09.2019 16.08.2019	TB CS
Rev.	Description	Date	By

FOR CONSTRUCTION

Client

 **PERSIMMON**
Together, we make a home

Project	Littlehampton West Sussex
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Title	Private Highway Construction Details
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BANNERS GATE

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Scale	Not To Scale @ A1	Drawn	CS
Date	August 2019	Checked	TB
File	19163 / dwgs / civils / current	Drawing	19163 - 301A