

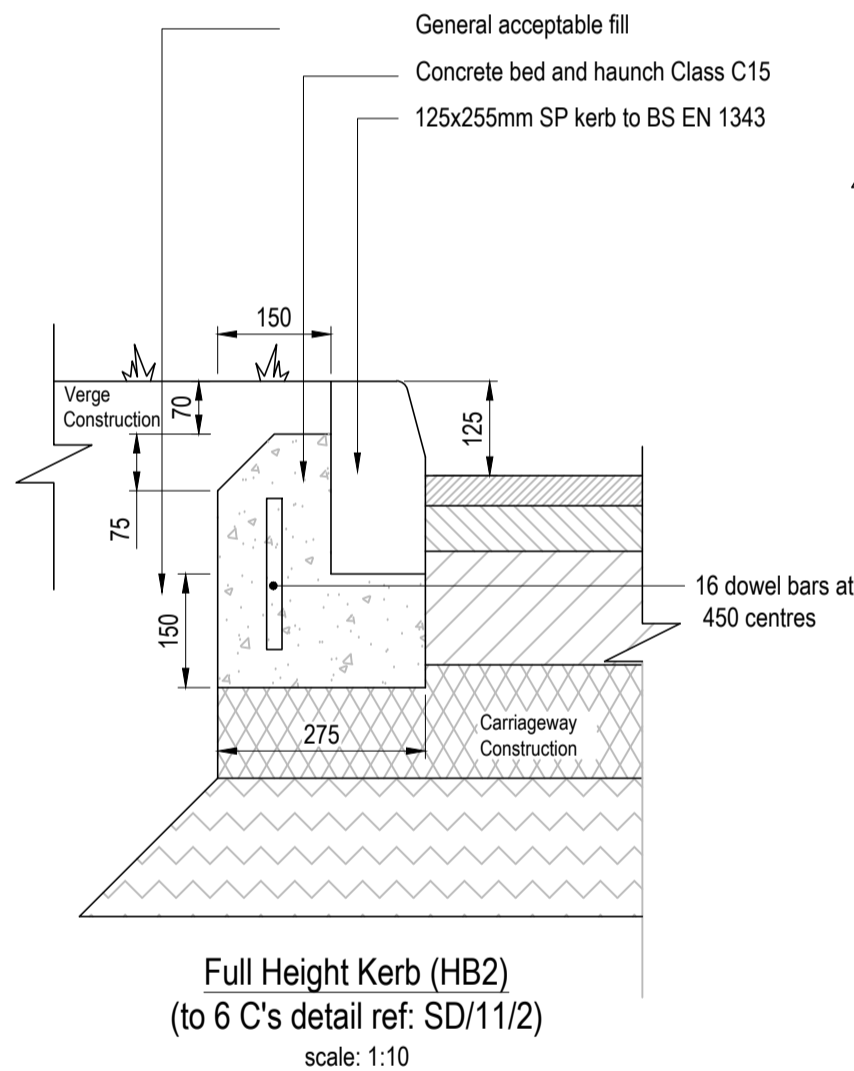
Typical Residential Access Road with Service Margin / Verge / Vehicle Overhang (scale 1:20)

Table 1: Carriageway sub-base/capping thickness (Taken from Table III-II of 6C's HTD design guide)

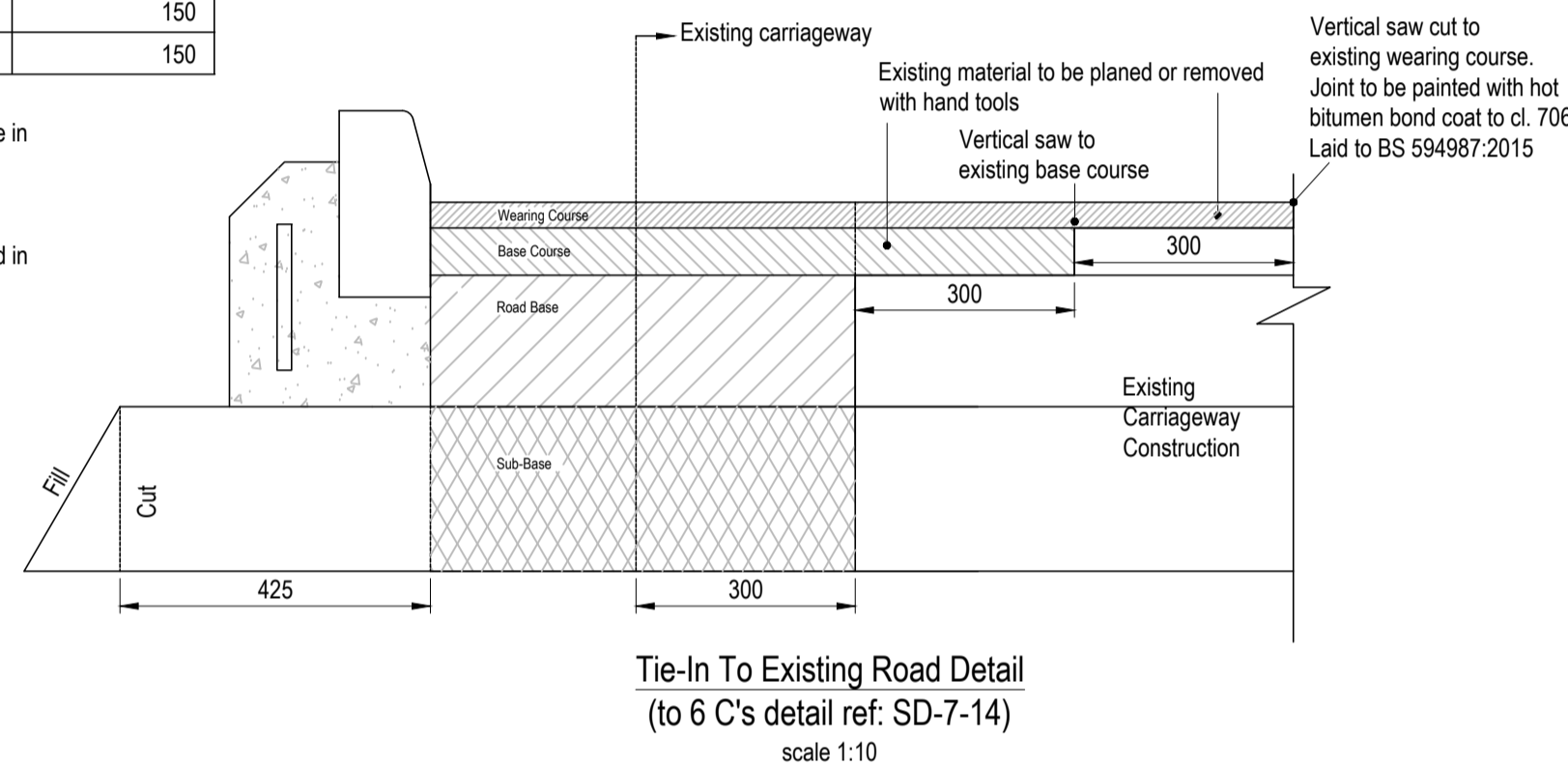
Table III-II depicts the standard carriageway thickness of capping and sub-base.
Table III-II. Carriageway sub-base and capping thickness *

CBR Value *	Min 450mm Frost Susceptibility *					
	Carriageway (250 mm Bituminous Layer Thickness)			Carriageway (200 mm Bituminous Layer Thickness)		
	Capping (mm)	Sub Base (mm)	Capping (mm)	Sub-base (mm)	Capping (mm)	Sub-base (mm)
< 2% ^c	550	200	500	250	600	150
2%	400	200	350	250	450	150
3%	300	200	250	250	350	150
4%	250	200	200	250	300	150
5% to 15%	200	200	200	250	250	150
> 15%		200		250		150

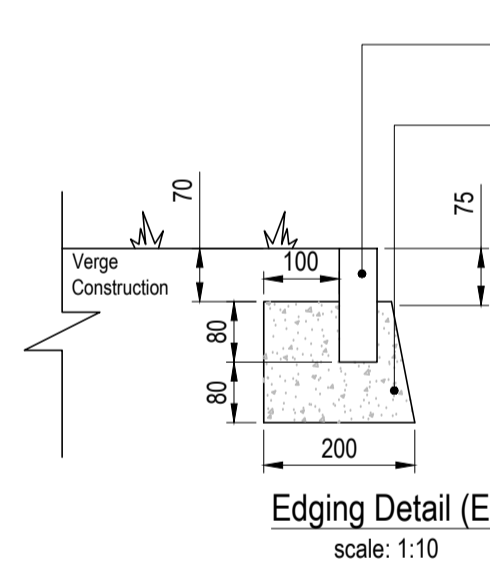
Notes:
^a The foundation design shall not vary frequently along the road. An appropriate value shall be selected for each significant change in the subgrade properties.
^b Where the equilibrium CBR falls between values in the above table, the value shall be round down to the lower value.
^c When the subgrade CBR is sufficiently below 2% that capping with sub-base is not sufficient to support the pavement, special measures will be required. Note that the use of geo-textile will only be acceptable in certain situations. Further advice can be found in DMRB 7.2.2 HD/25/94.
^d Material within 450mm of the finished road surface must not be frost susceptible.



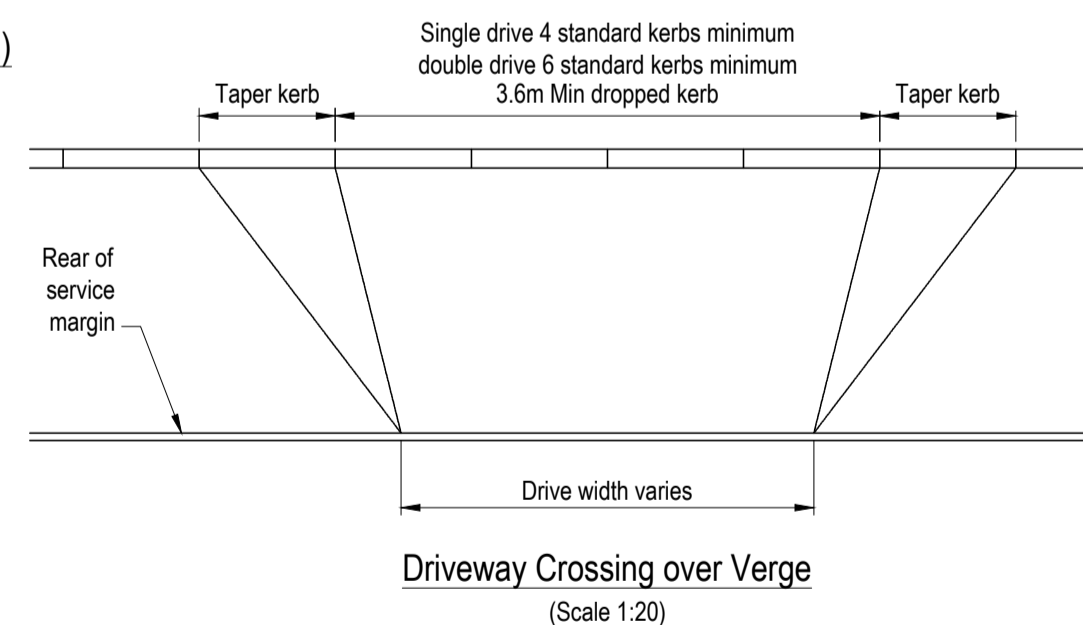
Full Height Kerb (HB2) (to 6 C's detail ref: SD/11/2) scale: 1:10



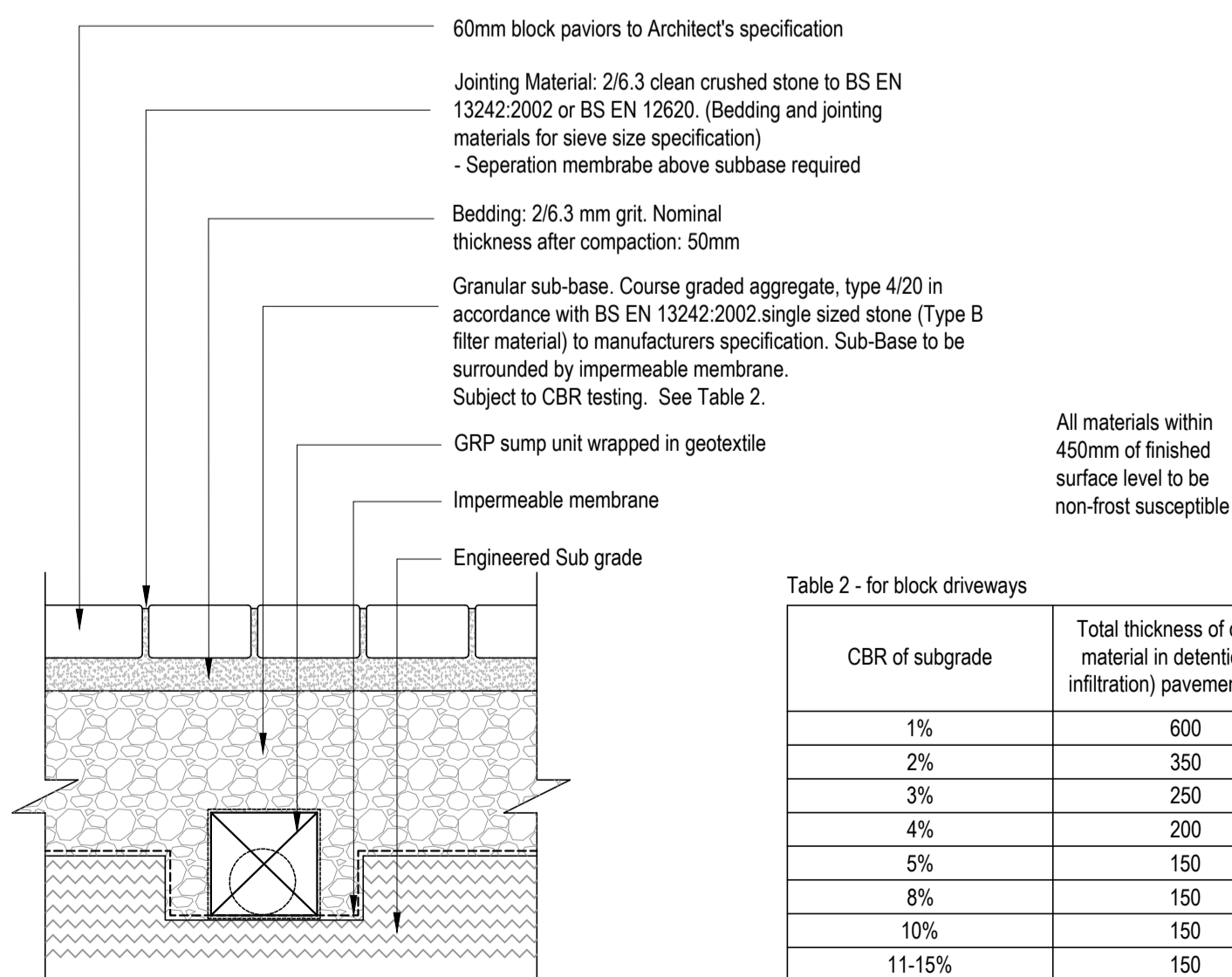
Tie-In To Existing Road Detail (to 6 C's detail ref: SD-7-14) scale: 1:10



Edging Detail (E) scale: 1:10



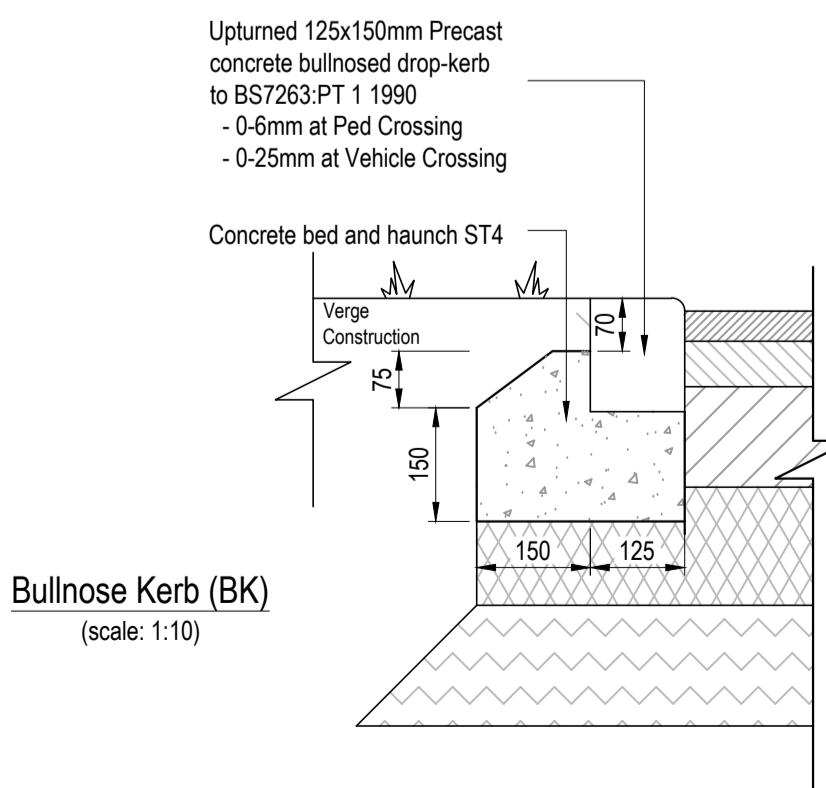
Driveway Crossing over Verge (Scale 1:20)



Permeable Block Paving - Private Drives Scale 1:10

Table 2 - for block driveways

CBR of subgrade	Total thickness of capping material in detention (not infiltration) pavements (mm)
1%	600
2%	350
3%	250
4%	200
5%	150
8%	150
10%	150
11-15%	150

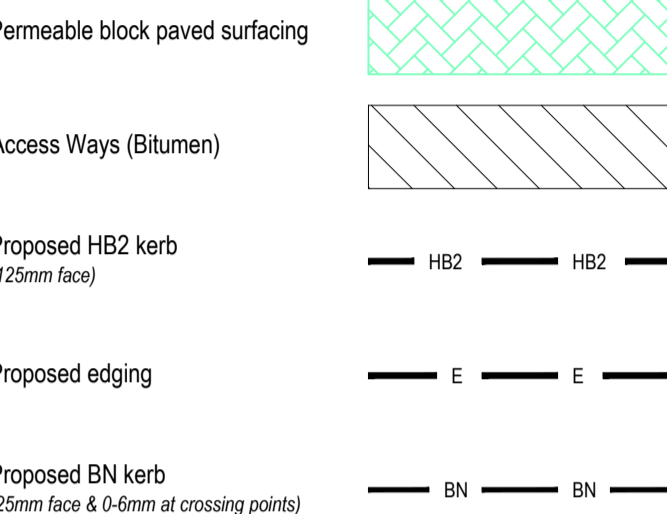


Bullnose Kerb (BK) (scale: 1:10)

CDM Regulations:
The reader is notified that CDM regulations may apply to the contract, and that appropriate Health & Safety Risk Assessments and Method Statements will be needed to comply with the Regulations where applicable.
It is the Client's responsibility to make suitable arrangements for managing their project, enabling those carrying it out to manage health and safety risks in a proportionate way.
It is the Client's responsibility in appointing (IN WRITING) as soon as possible, appropriately experienced Contractors and Designers to the project (Including the Principal Designer and Principal Contractor) to carry out tasks as required under the Contract.
Further guidance on CDM Regulations can be obtained from the Health & Safety Executives website: www.hse.gov.uk/cis41.pdf.

Notes:

Key



P02	20/11/25	Updated to suit client comments	CLN
P01	18/11/25	Preliminary Issue	CLN
Rev:	Date:	Comments:	By:



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