

SUB-BASE TABLE 1

CBR VALUE	Minimum thickness (mm) of capping layer (Consolidated in accordance with MCHW Volume 1 clause 801, table 8/1)		Minimum Sub-base thickness	Notes
	Without Geotextile	With Geotextile		
Less than 1%	N/A	600mm	150mm	Geogrid required
Less than 2%	N/A	600mm	150mm	
> 2% - 2.5%	450mm	N/A	150mm	
> 2.5% - 5%	350mm	N/A	150mm	Alt. 350mm Subbase Only
> 5% - 15%	N/A	N/A	225mm	
Greater than 15%	N/A	N/A	150mm	

SUB BASE TABLE 2

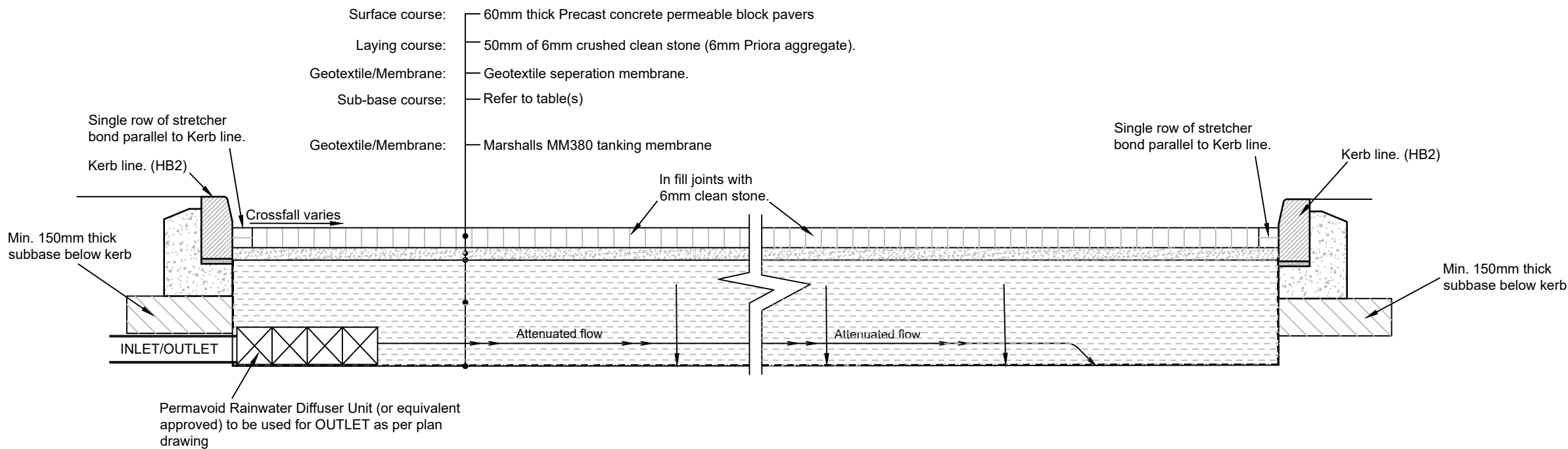
CBR VALUE	Minimum thickness (mm) of sub-base (Consolidated in accordance with MCHW Volume 1 clause 801, table 8/1)	
	Without Geotextile	With Geotextile
Less than 2%	N/A	300mm
2% - 3%	325mm	225mm
>3% - 5%	250mm	150mm
>5% - 7%	150mm	
>7% - 20%	100mm	

Site investigation logs reveal soft/firm, sandy gravelly CLAY; CBR Testing to be undertaken by contractor.

Contractor to assume 2% CBR design value.

Where soil is frost susceptible, road/driveway construction to contain non-frost susceptible materials to a minimum depth of 450mm. This can be achieved by increasing the thickness of the sub base or installing a capping layer of 6F1/6F2 material.

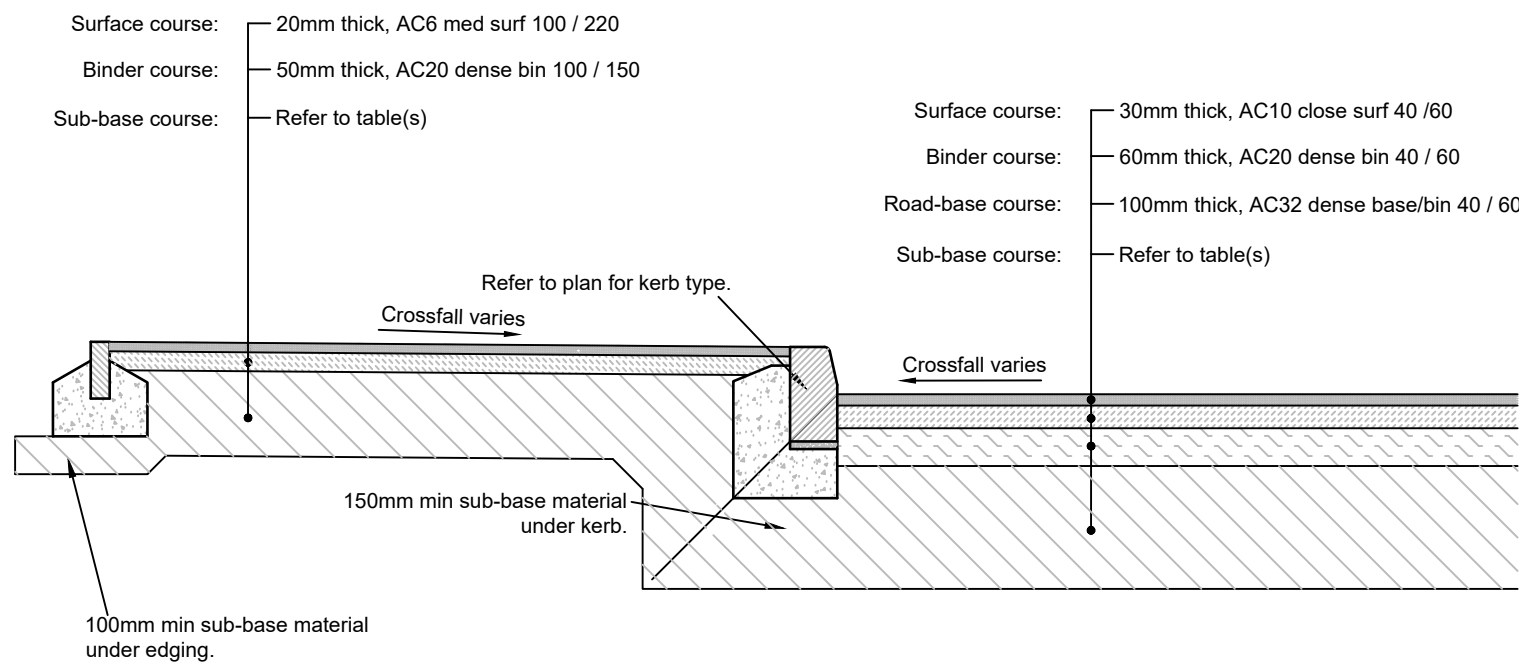
All prepared subgrades should be proof rolled with a heavy dead weight roller and any 'soft' or 'loose' spots identified by the passing of the roller should be removed and replaced with locally thickened sub base material.



PARKING BAYS - PERMEABLE PAVING

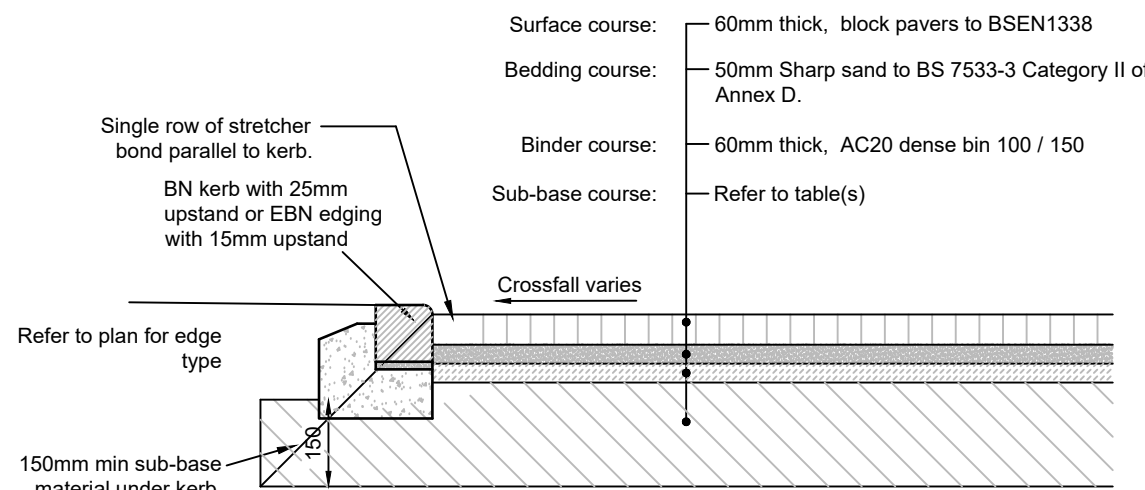
(TANKED)
(Scale 1:20)
(Cars and infrequent commercial use)

NOTE:
Permeable paving system to be installed in strict accordance with the manufacturers recommendation and instructions.



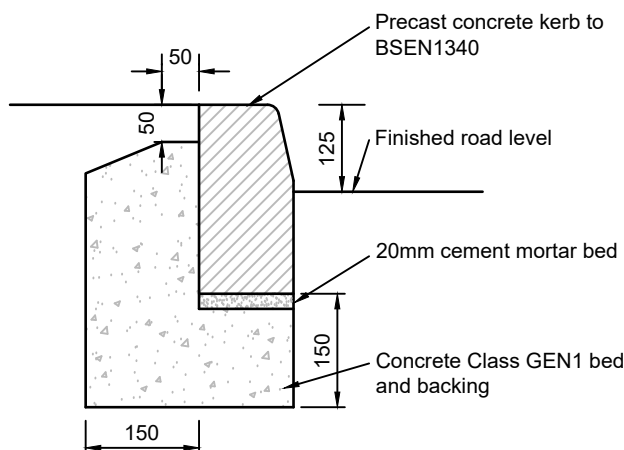
SHARED DRIVEWAY - MACADAM OPTION

(BITUMINOUS MACADAM)
(FOR FREQUENT COMMERCIAL VEHICLES)
(Scale 1:20)

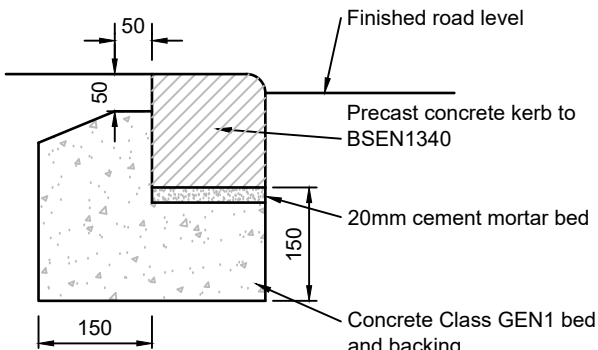


SHARED DRIVEWAY - BLOCK PAVING OPTION

(PAVERS)
(FOR INFREQUENT COMMERCIAL VEHICLES)
(Scale 1:20)

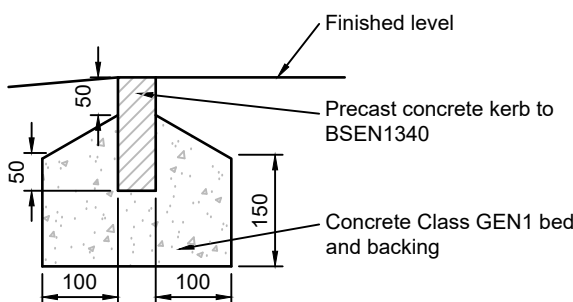


HB2 KERB
(1:10)

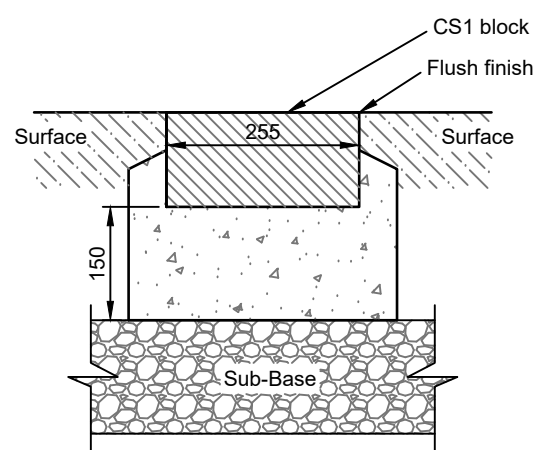


BN KERB
(1:10)

0mm (Flush) @ Pedestrian Crossing
25mm @ Vehicular Crossing/driveways



EF EDGING
(1:10)



CHANNEL KERB (TYPE CS1)
(1:10)

NOTES

- This drawing is to be read in conjunction with all other RGP drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
- RGP accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
- Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
- Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain. The main contractor is responsible for checking all information on site prior to work commencing and taking due care whilst undertaking the works.
- All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
- The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. RGP logos and company information must be removed from copies if information is re-used.
- The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
- The main contractor is responsible for dealing with all occurrences of ground water during the construction period.
- The contractor must comply with all current legislation relating to health & safety.
- All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any RGP drawings, the manufacturers instructions must be used.

RESIDUAL HAZARDS

In addition to the hazards/risks normally associated with the type of work detailed on this drawing, note the following:

- Buried services. Contractor to refer to record drawings and use CAT to locate existing services.
- HIGH PRESSURE GAS Main runs through the site. Contractor to refer to statutory undertaker requirements.
- SSE easement. New electrical apparatus may be present at the time of construction.
- Working in live traffic. Contractor to ensure traffic management is designed, erected and maintained to protect the workforce and the public.
- Public sewers. Arterial sewers pass through the site. Contractor to refer to statutory undertaker requirements.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved risk assessment and method statement.

PRELIMINARY

A	08/11/2018	Preliminary issue	SPB	MJA
-	31/10/2018	Original issue	SPB	MJA
Rev.	Date	Amendments	Drawn	Appr.



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Drawing Title
Construction Details

Scale	Drawn By	Checked By	Approved By
As Shown	SPB	MJA	MJA
Date	Drawing No.	Rev.	
October 2018	2017-D1323-400	A	