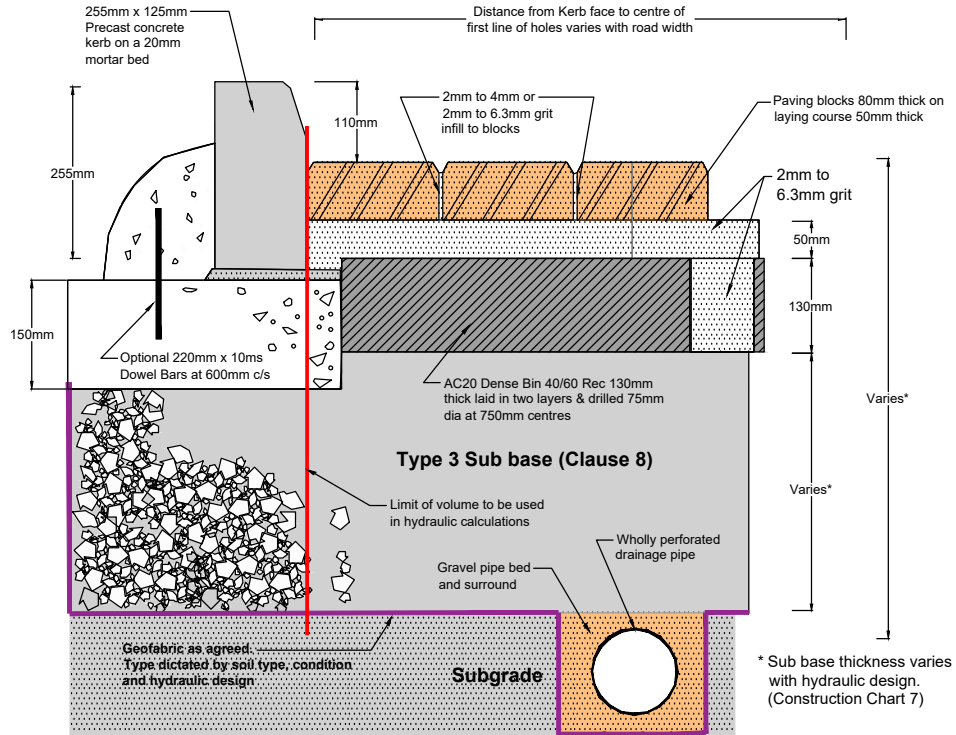


TYPICAL ROAD SECTION PERVIOUS PAVEMENTS
SuDS Manual Type A & Type B



Design Data		
	Element	Summary Requirement
1	Minimum permissible CBR value	Absolute minimum 3% soaked CBR
2	Depth of Sub base	Chart 7 and BS7533
3	Laying Course (for block paving)	To Clause 10.4
4	Longitudinal slopes on surface	<0.05%
5	Surface layer permeability	>5000mm/h
6	Permeable geotextile filter membrane	To Clause 5.9
7	Under drainage pipe and flow capacity	Perfoated PVC min 150mm dia and min 21s/ha
8	Sub base	To Clause 8
9	Maximum water depth for design event	Top of road base
10	Maximum ground water level	Max 1m below infiltration flow outlet
11	Slopes under drains	On slopes <1.5%
12	"Minimum width of turf/pea gravel/slab sloping away from pavement edge"	450mm
13	Surface slope away from pavement edge	0.05%
14	Perforated drainage pipe level	To be dependent on traffic loading/strength & class of pipe etc.
15	Perforated drainage pipe	Must be shown to be capable of carrying the required traffic loading
16	AC20 Dense Binder Course layers	Layer 170mm thick layer 260mm thick

This is a typical detail and may require conversion to a full scheme specific drawing.

NOT TO SCALE
(all units in millimetres)

Disclaimer : Before making use of this detail, any designer or third party must ensure that it satisfies all requirements of the scheme to which it is being applied. Lincolnshire County Council accept no responsibility for third party use of this Standard Detail.

Rev: AMENDMENT DETAILS Date: Description: Approved by:



Checked by: -- Approved by: --

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Typical Road Section

SD/5/132
Standard Detail Number

Revision Number

Revision