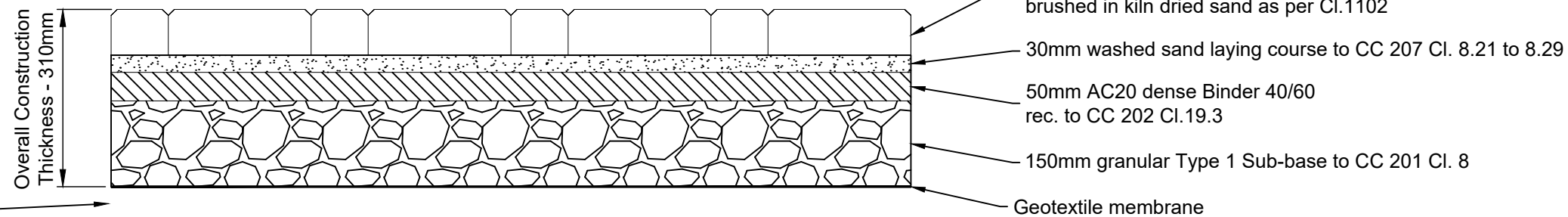


FLEXIBLE FOOTWAY

FLEXIBLE FOOTWAY			
LAYER	CLAUSE	MATERIAL DESCRIPTION	THICKNESS
Surface Course	CC 207 Cl. 5.28	AC6 Dense Surf, Minimum PSV 55, 100/150 Des	25mm
Binder Course	CC 202 Cl.19.3	AC20 Dense Bin, 40/60 Des	50mm
Sub Base	CC 201 Cl. 8	Type 1 Granular	See Table 1

Sub-Base to extend behind kerb raise 75mm per 1000mm width of surface for additional stability



BLOCKWORK FOOTWAY

BLOCKWORK FOOTWAY			
LAYER	CLAUSE	MATERIAL DESCRIPTION	THICKNESS
Block Paving	CC 207 Cl. 6, 8, 9.17, 9.40	Concrete	80mm
Sand Laying Course	CC 207 Cl. 8.21 to 8.29	Sand	30mm
Base	CC 202 Cl.19.3	AC20 Dense Bin 40/60 Des	50mm
Sub Base	CC 201 Cl. 8	Type 1 Granular	See Table 1

TABLE 1

CBR(%)	Sub base on Capping (mm)		Geotextile Terram
	Sub base	Capping	
≤2	MKCC Senior Engineer to be Consulted		Yes
2 - 2.5	250	300	Yes
2.5 - 3	200	150	Yes
3 - 5	150	N/A	Yes
5≥	150	N/A	No*

*Unless there is built up ground, for additional stabilisation

NOTES

- All dimensions in millimetres unless shown otherwise.
- A bond coat shall be applied between all bituminous layers in accordance with BS 594987.
- Manhole covers should not be set until after the base material is laid.
- Vertical faces of cold bituminous materials to be painted with hot bituminous binder of no less than 40/60 Pen. All horizontal or inclined existing surfaces to accept bituminous materials to be prepared with a bond coat in accordance with BS 59487.
- Built out surrounds for signage and/or lighting to be blockwork footway construction.
- Blockwork to be laid in herringbone pattern in roads and stretcher bond in footways.
- Blockwork colour to be burnt ochre, brindle, natural, buff, charcoal - to be consistent to surrounding local roads and rest of development.
- Blockwork to have single stretcher course around any iron works.
- Blockwork to have double stretcher course adjacent to any kerb.
- CBR plate testing required on sub base to achieve a level of 15% and above.
- Air void testing required on all tarmac layers. DMRB (Design Manual for Roads and Bridges) or CC 202 & CC 207 in MCHW (Manual of Contract Documents for Highway Works) guidance to be followed.
- All testing to be undertaken at 25m intervals.
- For further information refer to Standard Detail Guidance Note drawing no. MKCC-100-001.
- Tack coat to be applied prior to laying any bituminous layers.