



Layers	Properties
Surface Layer	80mm concrete block paving to CC 206 Cl. 6, 8 & 9. All blockwork joints to have brushed in kiln dried sand as per CC 206 Cl. 8.21 to 8.29
Binder Course	30mm washed sand laying course to CC 206 Cl. 8.21 to 8.29
Base	125mm AC32 dense base 40/60 rec. to BS EN 13108-1 & CC 202 Cl. 8.2 & 19.3
Sub Base	300mm granular type 1 CC 201 Cl. 8.1

No chippings in this construction

NOTES

- All dimensions are in millimetres unless shown otherwise.
- Manhole and gully covers should not be set to final levels until after the base material is laid.
- Sub base to extend behind kerb race 75mm per 1000mm width of surface for additional stability
- 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 the development.
- Blockwork to have single stretcher course around any iron works.
- Blockwork to have double stretcher course adjacent to any kerb.
- Texture depth:
Main Carriageway Including Roundabout Approach:
Minimum 1.2mm - Average 1.5mm - Maximum 1.8mm
Roundabout Circulatory:
Minimum 0.8mm - Average 1.2mm - Maximum 1.5mm
- For further information refer to Standard Details Guidance Note drawing no. MKCC-100-001.

- Ground stabilisation may be used as an alternative to capping from formation CBRs of less than 2%. Proposal must be submitted to MKCC Senior Engineer for approval.
- CBR plate testing required on sub base to achieve a level of 15% and above.
- Air void testing required on all asphalt layers. DMRB or CC 202 in MCHW guidance to be followed.
- All testing to be undertaken at 25m intervals.

TABLE 1

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



Highways and Transportation
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DRAWING TITLE: Pavement Construction - Block Paving Carriageway																					
SCALE: NTS	REV: P02	INITIALS: PG	DATE: 17/02/2026	DRAWN: PG	CHECKED: JM	APPROVED: LS	DATE: 17/03/2026	REV: -	AMENDMENTS: -	DRN: -	CHCK'D: -	APPR'D: -	DATE: 00/00/0000								
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