IMPERMEABLE ASPHALT ROAD SPECIFICATION

SURFACE COURSE	(1) 40mm AC10 CLOSE SURF 100/150 (2) 40mm AC10 CLOSE SURF 100/150
BINDER COURSE	(1) 80mm AC 20 DENSE BINDER COURSE 40/60 (2) 130mm AC20 DENSE BIN 40/60
SUB-BASE	(1) 325mm TYPE 1. SUB-BASE DEPTH BASED ON 2% CBR - REFER TO TABLE 1 FOR HIGHER CBR VALUES (2) 300mm TYPE 1. SUB-BASE
CAPPING	(1) N/A (2) 410mm 6F5 GRANULAR FILL
GEOGRID	(1) N/A (2) TENSAR SS40 GEOGRID OR SIMILAR APPROVED
GEOTEXTILE	(1) N/A (2) TERRAM 3000 GT OR SIMILAR APPROVED

FOOTPATH PAVING SLABS SPECIFICATION

PAVING SLABS	MINIMUM 75mm THICK PAVING SLABS TO ARCHITECTS SPECIFICATION, BEDDED IN 25mm 1:4 CEMENT/: SAND MORTAR OR SUITABLE ALTERNATIVE
SUB-BASE	(1) 100mm TYPE 1 SUB-BASE BLINDED WITH 25mm OF SAND WHERE CBR >2% (2) 225mm TYPE 1 SUB-BASE BLINDED WITH 25mm OF SAND WHERE CBR IS LESS THAN 2%

PERMEABLE BLOCK PAVED PARKING SPECIFICATION

PAVERS	80mm PERMEABLE BLOCK PAVERS TO BS EN 1338 OF CLASS 2 WEATHERING RESISTANCE AND CLASS 3 ABRASION, AS WELL AS BEING OF LOW POTENTIAL FOR SLIP (REF: TABLE NA.2 OF BS EN 1338)
BEDDING COURSE	50mm SHARP SAND TO BS 7533-3 CATEGORY II OF ANNEX D
	NON-WOVEN PERMEABLE GEOTEXTILE FILTRATION LAYER
SUB-BASE	350mm TYPE 3 SUB-BASE ON AN IMPERMEABLE GEOTEXTILE MEMBRANE
CAPPING	(1) N/A (2) 360mm OF 6F5 GRANULAR FILL
GEOGRID	(1) N/A (2) TENSAR SS40 GEOGRID OR SIMILAR APPROVED
GEOTEXTILE	(1) N/A (2) TERRAM 3000 GT OR SIMILAR APPROVED

PRIVATE IMPERMEABLE BLOCK PAVED PARKING SPECIFICATION

PAVERS	MIN 80mm BLOCK PAVERS TO BS EN 1338 OF CLASS 2 WEATHERING RESISTANCE AND CLASS 3 ABRASION, AS WELL AS BEING LOW POTENTIAL FOR SLIP (REF: TABLE NA.2 OF BS EN 1338)
BEDDING COURSE	50mm SHARP SAND TO BS 7533-3 CATEGORY II OF ANNEX D
SUB-BASE	(1) 325mm TYPE 1. SUB-BASE DEPTH BASED ON 2% CBR - REFER TO TABLE 1 FOR HIGHER CBR VALUES (2) 300mm TYPE 1. SUB-BASE DEPTH
CAPPING	(1) N/A (2) 410mm 6F5 GRANULAR FILL
GEOGRID	(1) N/A (2) TENSAR SS40 GEOGRID OR SIMILAR APPROVED
GEOTEXTILE	(1) N/A (2) TERRMA 3000 GT OR SIMILAR APPROVED

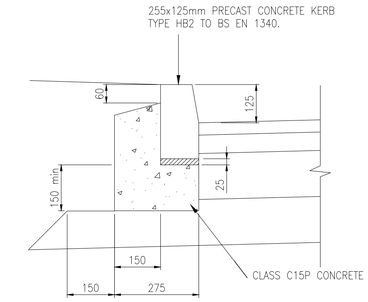
TABLE 1 SUB-BASE THICKNESS

OPTION (1) ASSUMES A CBR VALUE GREATER THAN 2% AND DOES NOT REQUIRE SUBGRADE IMPROVEMENT.

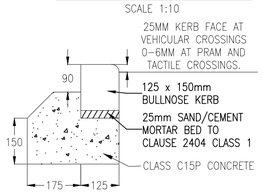
OPTION (2) ASSUMES 0.3% DESIGN CBR VALUE AS NOTED IN THE GROUND INVESTIGATION REPORT ACH-DEL-XX-XX-RP-GE-0002. CBR VALUES TO BE CONFIRMED AT FORMATION LEVEL PRIOR TO CONSTRUCTION.

NOTE: CBR TESTING SHOULD BE CARRIED OUT AT ROAD FORMATION LEVEL TO DETERMINE THE APPROPRIATE ROAD CONSTRUCTION SPECIFICATION.

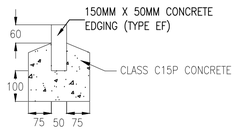
C.B.R VALUE	
	TYPE 1 TO CI 803.
<2%	SUBGRADE REQUIRES IMPROVEMENT
2-3%	325mm
3-5%	250mm
5-7%	150mm
7%-20%	100mm



HALF BATTERED KERB – HB2
SCALE 1:10



BULLNOSE KERB (BN)
SCALE 1:10



CONCRETE EDGING KERB (EF)
SCALE 1:10

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
2. CONCRETE BEDS TO KERBS VIBRATED AND THE SURFACE ROUGHENED TO PROVIDE A KEY FOR BACKING. ADEQUATE BOND SHALL BE PROVIDED BETWEEN FOUNDATION AND HAUNCH BY STEEL REINFORCEMENT HOOPS AT 900mm CENTRES OR SIMILAR APPROVED.
3. ALL KERBS TO BE LAID ON A 10mm BED OF CLASS 1 SAND/CEMENT MORTAR.
4. KERBS TO BE LAID IN SMOOTH VERTICAL AND HORIZONTAL ALIGNMENTS. FOR CURVES OF RADIUS 12m OR LESS PRECAST KERBS OF APPROPRIATE RADIUS SHALL BE USED.
5. CBR TESTING SHOULD BE CARRIED OUT AT FORMATION LEVEL TO DETERMINE THE APPROPRIATE ROAD CONSTRUCTION SPECIFICATION.
6. A CBR TEST RESULT CONTAINED IN REPORT REF: ACH-DEL-XX-XX-RP-GE-0002 SHOWS A CBR VALUE OF 0.3%. THIS CBR VALUE IS VERY LOW AND MUST BE FURTHER INVESTIGATED ON SITE. THE PROPOSED BUILD-UPS AS SHOWN ON THIS DRAWING HAVE BEEN BASED ON TWO CBR SCENARIOS. SCENARIO (1) ASSUMES A DESIGN CBR VALUE GREATER THAN 2% WHICH WOULD NOT REQUIRE SUBGRADE IMPROVEMENT. OPTION (2) ASSUMES A 0.3% CBR AS TAKEN FROM THE GROUND INVESTIGATION REPORT, AND SHOWS THE REQUIRE BUILD UPS AND SUBGRADE IMPROVEMENT.

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FOR INFORMATION / APPROVAL

Dice
+44 (0) 1159 528 752
info@diceconsult.co.uk
diceconsult.co.uk
Design
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