

BLOCK PAVED CARRIAGEWAY DETAIL

Scale 1:20

Table 1		
Subgrade CBR	Capping Layer Thickness	Sub-Base Thickness
>15% - 30%	-	150mm
>5% - 15%	-	225mm
2% - 5%	350mm	150mm
CBR less than 2%	600mm	150mm

80mm Marshall's standard 200x100 blocks (or similar) to BS 6717 Part 1. Block paving surface sealant to be applied as directed. laid in 45° Herringbone with single stretcher course adjacent all kerbs and ironwork. Colour: TBA

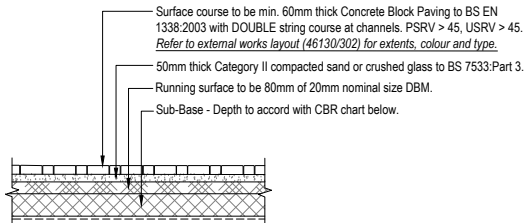
30mm Compacted graded clean sharp sand to BS 6717 Part 3: 1992, table D2 category 1A or 1B

90mm thickness AC 32 HDM Base 40/60 pen design mix to BS EN 13108-1: 2016 (SHW Clause 929).

150mm thickness Type 1 Granular Subbase Material to Clauses 891AR & 893AR.

150mm thickness Capping Layer Material - Class 6F2 in accordance with SHW Clause 613).

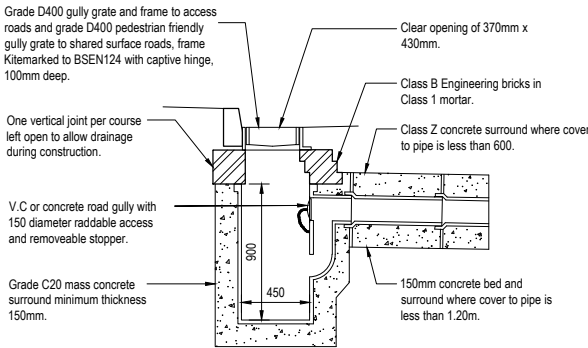
Reference to be made to Hampshire County Council Standard Highway Construction Details	
Drawing Title	Drawing Number
Precast Concrete Kerbs	HCC11/C/010
Footways Types 1A, 1B, 2 & 3	HCC/11/C/045
Footways Type 5, 6A & 6B (Strengthened)	HCC11/C/055
Uncontrolled Pedestrian Crossing in New Works	HCC11/C/060
Uncontrolled Pedestrian Crossing installed in Existing Footway	HCC11/C/065
Flat Top Road Hump & Junction Table Type 1	HCC11/C/100
Concrete Block Paved Flat Topped Road Hump Type 1A	HCC11/C/105
Gully Type 1T	HCC11/D/015
Headwall Type 5 Concrete Bagwork	HCC11/D/105
5 & 6m "Post Top" Tubular Steel Planted Columns	HCC11/L/015
Kerb Replacement (on Existing Base)	HCC11/M/015
Vehicle Crossing Details	HCC11/C/130



BLOCK PAVED PRIVATE DRIVE AND PARKING BAY CONSTRUCTION DETAILS

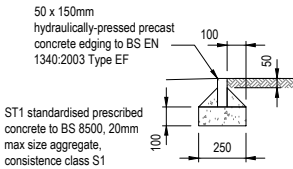
Scale 1:25

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



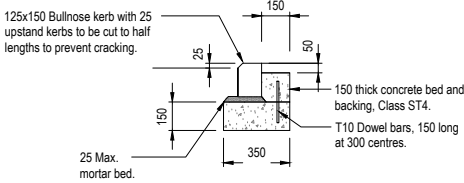
TYPICAL GULLY DETAIL

Scale 1:25



TYPICAL EDGING KERB DETAIL

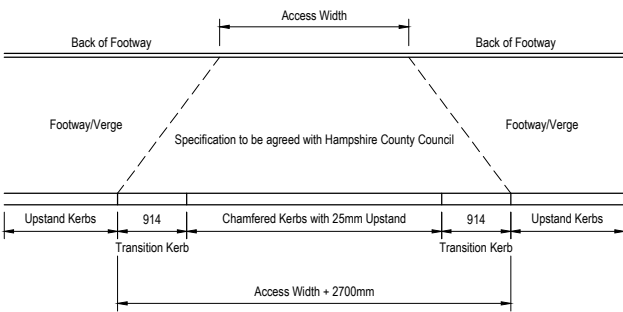
Scale 1:20



TYPICAL KERB DETAIL AT DRIVEWAY CROSSINGS

Scale 1:20

HCC Drawing No. HCC11/C/130



TYPICAL VEHICULAR CROSSING DETAIL

Scale 1:50

INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE. ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.

NOTES

- All adoptable highway works to be constructed in accordance with Hampshire County Council's (HCC) with Hampshire County Council's (HCC) current Highway Standard Details and the Specification Highway Standard Details and the Specification for Highway Works (Consolidated Edition) November 2005 (SHW), published by The Stationery Office, as amended.
- All adoptable drainage works to be in accordance with DCG Version 2.1 dated 25 May 2021.
- All works within the limit of the highway shall be signed in accordance with the Department of Transport's Traffic Signs Manual (2009) Chapter 8 "Traffic Safety Measures and Signs for Road Works and Safety Measures and Temporary Situations".
- Refer to Hampshire County Council's Standard Details for all elements, as found at: www3.hants.gov.uk/transport/developers/constructionstandards/standardsdetails 6.

GENERAL NOTES

The formation, whether in cut or fill, shall be prepared, profiled and THOROUGHLY COMPACTED as required by clauses 612 and 616 of the DOT Specification for Highway Works.

Over excavation below road formation is to be backfilled with Type 6F2 granular material, well compacted in layers not exceeding 225mm in accordance with the DOT spec for highway works.

Blast furnace slag and limestone aggregate are not allowed in the carriageway binder course unless it is to be covered within 6 weeks.

No material within 450mm of the finished road surface shall be frost susceptible

Materials used in capping layers shall be in accordance with the specification for Highway Works Table 6/1 (and any additional requirements of the Council) The materials shall be sampled in the frequency stated in the Specification and tested to demonstrate that it has and in-situ value of 15% (or equivalent test result). The Developer should provide information that the tested materials comply with the required specification.

A CBR greater than 2% has been assumed for the capping layer, which is to be confirmed at the start of Works on Site. Eastwood & Partners are to be consulted if less than 2%, for alternative construction thicknesses.

This drawing is to be read in conjunction with all relevant Eastwood & Partners drawings prefixed 45407 as well as all relevant Miller Homes Architects drawings.

B	Construction Issue.	CB	-	06.06.22
A	First Issue.			
REV	DESCRIPTION	SIG	CHK	DATE

MILLER HOMES

BOORLEY GARDENS
PHASE 1A

HIGHWAY CONSTRUCTION DETAILS

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SCALE WHEN PLOTTED AT A1			DRAWING STATUS		
AS SHOWN			CONSTRUCTION		
DRAWN	CHECKED	DATE	DRAWING NUMBER	REV	
CB	PWAH	20.02.2022	46130/306	B	