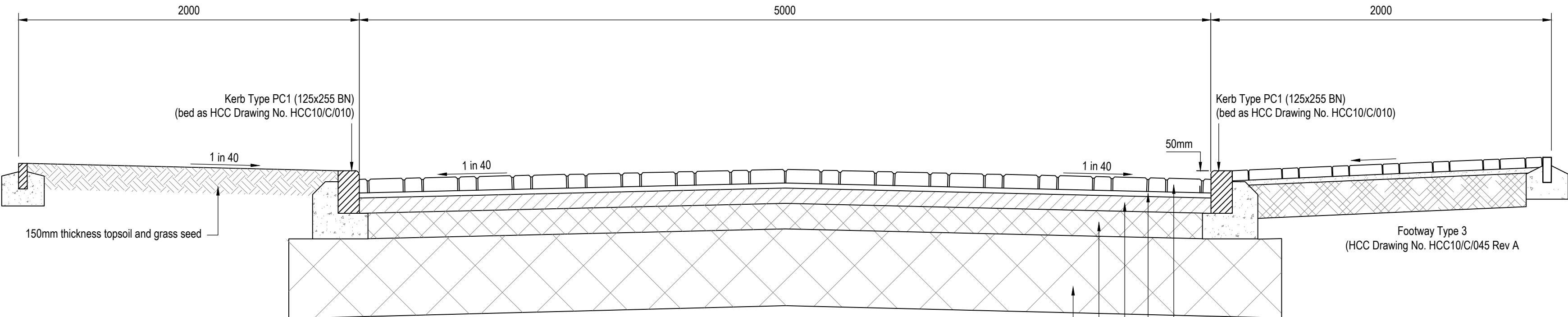


CARRIAGEWAY DETAIL

Scale 1:20

- 45mm thickness HRA 30/14 F Surface course 40/60 rec to BS EN 13108-4:2016 - min PSV = 65, max AAV 16.
- 65mm thickness AC 20 HDM Binder Course 40/60 pen design mix to BS EN 13108-1:2016 (SHW Clause 929)
- 95mm thickness AC 32 HDM Base 40/60 pen design mix to BS EN 13108-1:2016 (SHW Clause 929)
- 250mm thickness Type 1 Granular Subbase Material to Clause 891AR & 893AR.
- 600mm thickness Capping Layer Material - Class 6F5 in accordance with SHW Clause 613 (based on a CBR of 2%).
- Geogrid formation improvement - Tensar SS40 or equivalent.

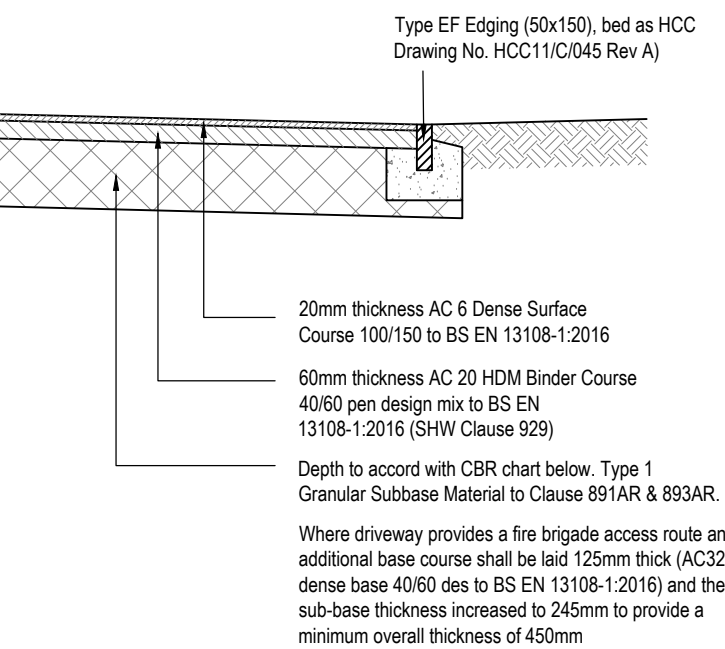


BLOCK PAVED CARRIAGEWAY DETAIL

Scale 1:20

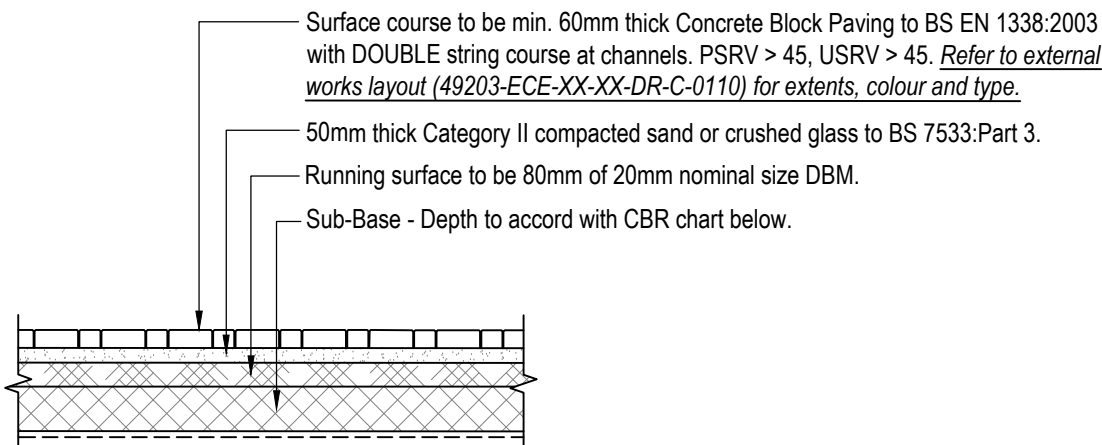
- 80mm Marshall's standard 200x100 blocks (or similar) to BS 6717 Part 1. Block paving surface sealant to be applied as directed, laid in 45° Herringbone with single stretcher course adjacent all kerbs and ironwork. Colour: TBA
- 30mm Compacted graded clean sharp sand to BS 6717 Part 3: 1992, table D2 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.
- 600mm thickness Capping Layer Material - Class 6F2 in accordance with SHW Clause 613). Can be reduced as per Table 1 on completion of CBR testing.

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



PRIVATE ASPHALT COURTYARD/
SHARED DRIVE CONSTRUCTION

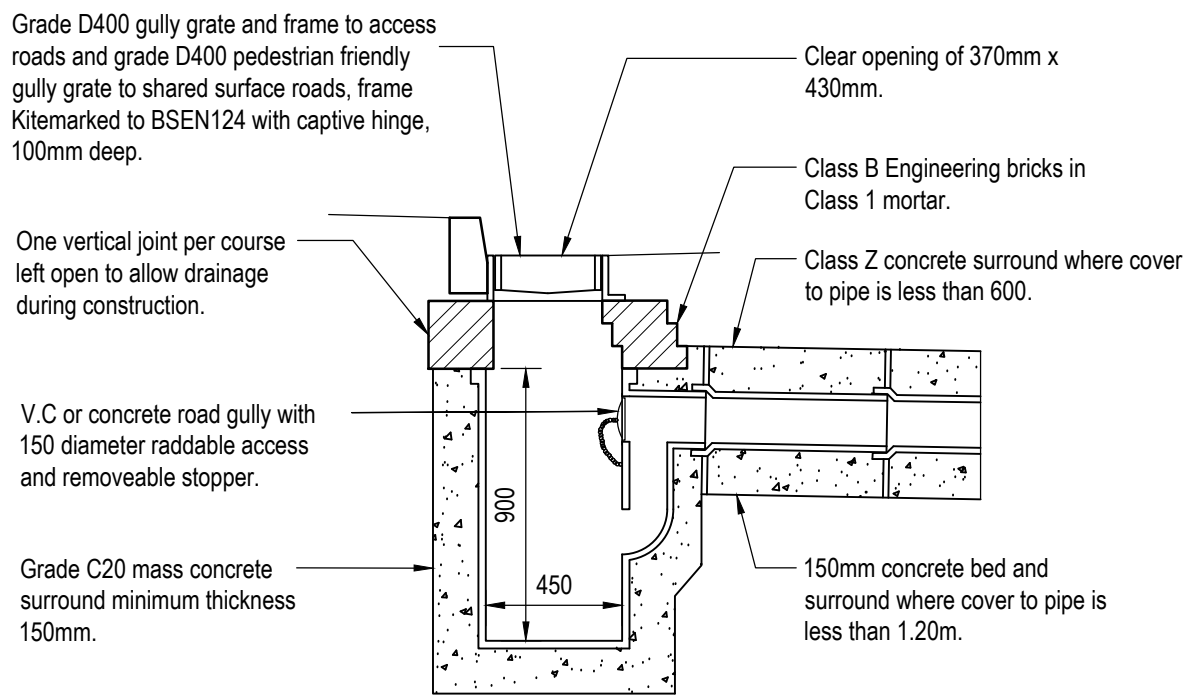
Scale 1:20



BLOCK PAVED PRIVATE DRIVE AND PARKING BAY
CONSTRUCTION DETAILS

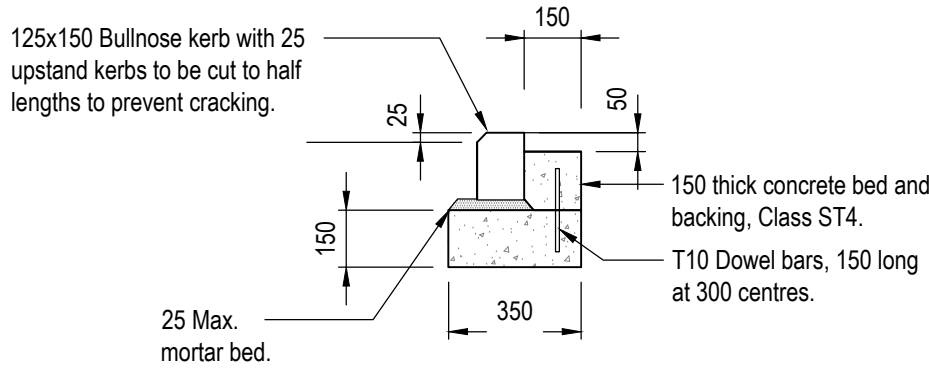
Scale 1:25

CBR VALUE (%)	Minimum sub-base thickness (mm) Consolidated in accordance with MCHW Volume 1 clause 801, Table 8/1	
	Without geotextile underneath	With geotextile underneath
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

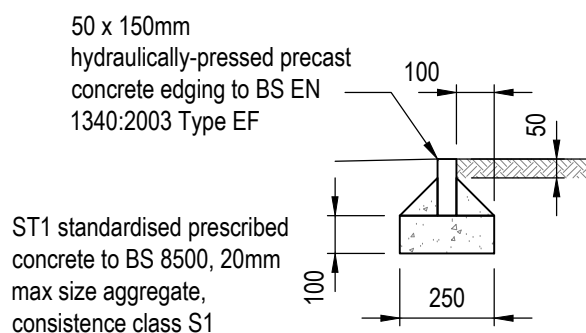
Scale 1:25



TYPICAL KERB DETAIL AT
DRIVEWAY CROSSINGS

Scale 1:20

HCC Drawing No. HCC11/C/130



TYPICAL EDGING KERB DETAIL

Scale 1:20

HCC Drawing No. HCC11/C/045

- 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 less than 2% has been assumed for the capping layer, which is to be confirmed at the start of Works on Site.

This drawing is to be read in conjunction with all relevant Eastwood & Partners drawings prefixed 49203 as well as all relevant Miller Homes Architects drawings.

P02	Block paved carriage way detail reverted to a previous spec at the request of the client.	CB	CB	04.03.2025	
P01	First Issue.	MA	CB	25.11.2024	
REV	DESCRIPTION	SIG	CHK	DATE	

MILLER HOMES

PHASE 1H & 1I
BOORLEY GARDENS

HIGHWAY CONSTRUCTION DETAILS

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ECE PROJECT No	SCALE AT A1	STATUS	SUITABLE FOR
49203	AS SHOWN S3	Comment	
DRAWING NUMBER			
49203 - ECE - XX - XX - DR - C - 0120	P02		
Project	Originator	Zone	Level
	Type	Role	Number