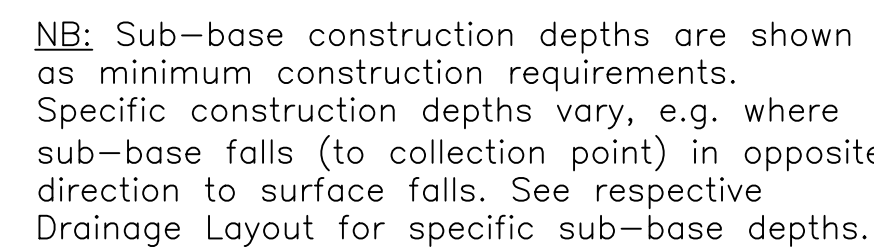
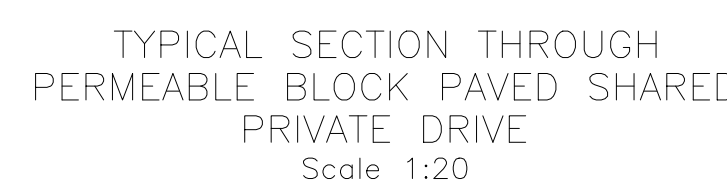


PRIVATE DRIVES - PERMEABLE BLOCK PAVED
CONSTRUCTION OVER PERMEABLE SUB BASE
NTS



PRIVATE DRIVES - PERMEABLE BLOCK PAVED
CONSTRUCTION OVER PERMEABLE SUB BASE
NTS



California Bearing Ratio (CBR) Values	Minimum thickness of Sub-Base (mm) (Consolidated in accordance with MCHV Volume 1 Clause 801, Table 8/1)	
	Without Geotextile Underneath	With Geotextile Underneath
Less Than 2%	N/A	300
2% to 3%	325	225
3% to 5%	250	150
5% to 7%	150	N/A
7% to 20%	100	N/A

NHBC Standards (2022)
(Chapter 10.2.6, p.425)

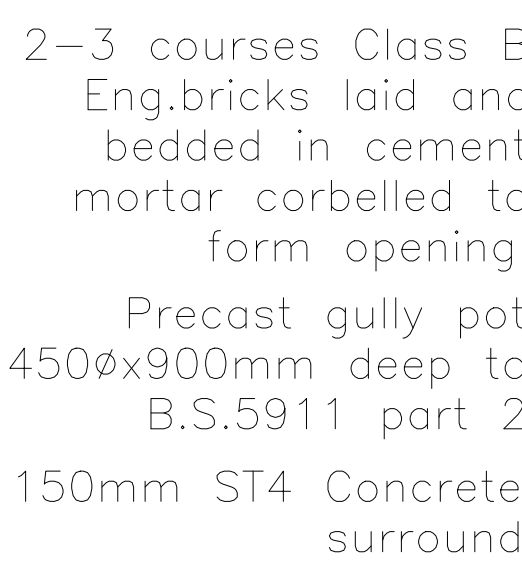
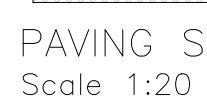
"Where it is intended to use porous or permeable surfaces as part, or all, of the rainwater drainage system, reference should be made to CIRIA report C753 – The Sustainable drainage system (SuDS) manual."

CIRIA C753 – The SuDS Manual (2015):
(Chapter 20, pp.418–419)

"For pavements over [subgrade CBR values <5%] that are trafficked by vehicles, the following should be provided (Knapton et al, 2012):"

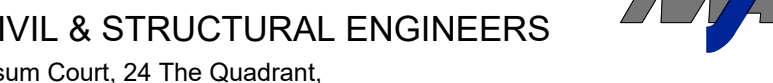
TABLE 1 GRADING
4–20mm OGCR
Refer to BS 7533–13:2009
Annex A Table A.1

TABLE 2 GRADING
6mm Laying and
Jointing Material
Refer to BS 7533-13:2009
Annex A Table A.2



PRECAST HIGHWAY
GULLY DETAIL
NTS



C1	20.03.26	Construction Issue.	RT	AK
C2	20.12.24	Section through double height kerb removed.	AK	KTG
P3	05.12.24	Carriageway specification amended.	AK	KTG
P2	25.11.24	Section through double height kerb to private shared drives added.	AK	KTG
P1	04.10.24	First Issue.	AK	KTG
REV.	DATE	DESCRIPTION		CHECKED
Client				
Macar Developments Project Old Victoria Hospital, East Grinstead			MJA CONSULTING CIVIL & STRUCTURAL ENGINEERS Issuen Court, 24 The Quadrant, Avington Science Park, Avington Oxon, OX14 3YS Tel: 01235 559173 Email: mail@mjaconsulting.co.uk	
Title Highway Construction Details			Scale: As shown @A0 Status: CONSTRUCTION Drawn: AK KTG 7252 Date: 28/08/2024 7252 – MJA – SX – XX – DR – C – 2000 Rev: C1	