

190x50mm - Block pavers in accordance with BS EN1342:2012 and to Landscape Architect specifications

50mm of sand bedding in accordance with BS 7533-7:2010, C.1

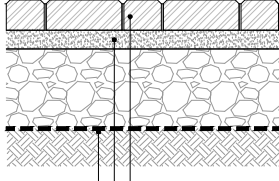
60mm - AC 20mm dense - Binder course - pen 100/150 in accordance with BS EN13108-1:2016

Min 150mm granular sub-base material type 1 to clause 803, table 8/2 MCHW volume 1 series 800. Refer to table 2 for thickness as designed by CBR testing.

Terram 1000 separation geotextile

Formation

BLOCK PAVING - PRIVATE ROAD
F1 - New Kent Road (Trafficied)



190x50mm - Block pavers in accordance with BS EN1342:2012 and to Landscape Architect specifications

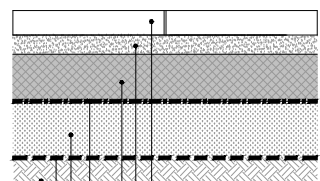
50mm of sand bedding in accordance with BS 7533-7:2010, C.1

150mm of Type 1 Sub-base

Terram 1000 separation geotextile

Formation

BLOCK PAVING - PRIVATE ROAD
F1 - Muntion Road (no traffic)



400x400x65mm - slabs in accordance with BS EN1342:2012 and to Landscape Architect specifications

50mm of sand bedding in accordance with BS 7533-7:2010, C.1

175mm Type 3 sub-base

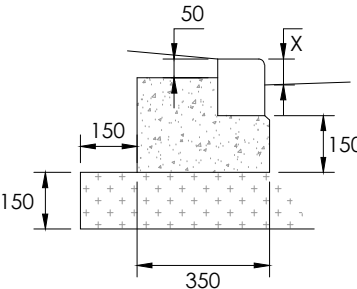
Impermeable membrane in accordance with BS 7533-13:2009

150mm Capping layer, Type 6F2 material, in accordance with MCHW Volume 1 Series 600. Refer to table 3 for thickness as designed by CBR testing.

Terram 1000 separation geotextile

Formation

PERMEABLE BLOCK PAVING
F2

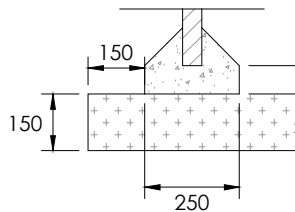


X = 25mm max at vehicle crossings
X = 0-6mm at pedestrian/cycleway crossings or refer to engineers finishes drawing

BN KERB

125x150 BN precast concrete kerb to BS EN 1340 : 2003 laid on ST2 concrete bed and haunch whilst plastic

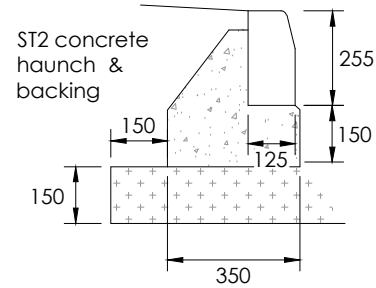
If kerb and backing is laid as two separate operations then ST2 concrete bedding and backing 150mm high 8mm Ø steel reinforcing hoops set 100mm into base at 900mm centres if kerb and backing laid in two stages



150x75 fusion edge precast concrete edging to BS EN 1340 : 2003 laid flush unless otherwise specified

150x75 FUSION EDGING

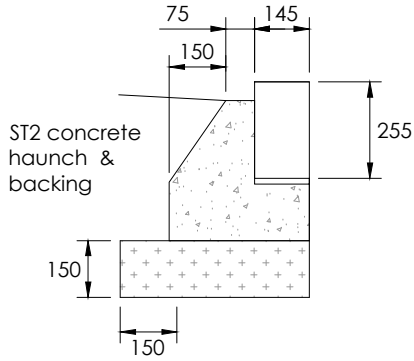
125x255 HB2 precast concrete kerb to BS EN 1340 : 2003 laid & bedded directly on ST2 concrete haunch whilst plastic



Consult with Engineer if two stage kerb laying is required i.e. haunch followed by backing at later date.

HB2 KERB CONSTRUCTION

145x255 Conservation kerb to BS EN 1340 : 2003 laid & bedded directly on ST2 concrete haunch whilst plastic



Consult with Engineer if two stage kerb laying is required i.e. haunch followed by backing at later date.

CONSERVATION KERB CONSTRUCTION

NOTES:

- All dimensions and levels are in metres unless otherwise noted
- This drawing is to be read in conjunction with the relevant Architect's/Engineer's drawings, specifications and CDM documentation
- This drawings has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only (DO NOT SCALE). All dimensions to be checked on site. Any errors or omissions to be reported to the engineer immediately.
- This drawing contains coloured lines / information that may not be clear if reproduced in black and white.
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NOTE
Final Construction based upon notations provided by HG Construction, HG Construction to confirm layout correctly reflects works carried out on site

Subbase Layer Only		Subbase & Capping Layer			
CBR	Type 1 mm	CBR	Type 1 mm	Capping mm	Total mm
2.50%	450	2.50%	350	250	600
3%	420	3%	320	240	560
4%	360	4%	295	225	490
6%	350	5%	240	210	450
6%	310	6%	220	200	420
7%	280	7%	210	195	405
8%	270	8%	200	185	385
9%	260	9%	190	180	370
10%	245	10%	180	175	355
11%	235	11%	170	170	340
12%	225	12%	165	160	325
13%	215	13%	160	155	315
14%	210	14%	155	150	305
15%	200	15%	150	150	300

Notes: If CBR is less than 2.5% then Ground Stabilisation is required.

Table 1 - Minimum Sub-base Thickness for Adoptable Roads

Extract from 'AN 73/06 2009 - Design Guidance for Road Pavement Foundations'

Category/ Application	Min Compacted Sub-base thickness (mm)				
	Design CBR				
	2%	3%	4%	5%	6%
IA (Special Case)	450	350	250	150	150
IB (Special Case)	450	350	250	150	150
I	450	350	250	150	150
II	300	275	250	150	150
III	300	275	250	150	150
IV	300	250	200	110	110

Refer to full Table 7 contained in BS 7533-10 for min sett size, laying course and base course thicknesses

Table 2 - Minimum Sub-base Thickness for bound surface course, rigid bound base

CBR %	Total Thickness of Capping mm
1	600
2	350
3	250
4	200
5	150

Table 3 - Total thickness of capping for CBR values Systems C

AS BUILT DRAWING
(THIS DRAWING IS THE FINAL CONSTRUCTION ISSUE AND DOES NOT PURPORT TO BE A SURVEY OF THE WORKS AS CONSTRUCTED)

HG AS BUILT DRAWING
CONSTRUCTION **HG CONSTRUCTION LIMITED**

FC1 10.10.25 NJ/RW FINAL CONSTRUCTION ISSUE

REV DATE DRAWN/CHK REVISION INFO

STATUS:

FINAL CONSTRUCTION

CLIENT:

HG CONSTRUCTION

PROJECT:

**Freewharf
Shoreham-by-Sea
BN43 6RE**

DRAWING TITLE:

**Construction Details Manholes
Surfaces
(Sheet 1 of 1)**

JOB NUMBER: SCALE AT A1: REV. STATUS:

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DRAWING NUMBER: REVISION:

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LONDON 20 IRONMONGER LANE | LONDON | EC2V 8EP | UK

T: +44 (0)207 600 2912

BRISTOL 89-95 REDCLIFFE STREET | BRISTOL | BS1 6LU | UK

T: +44 (0)117 922 7039

www.iesisgroup.com