SLABBED FOOTPATH AND PATIO CONSTRUCTION
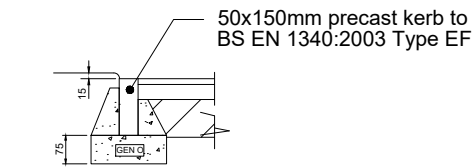
- Paving slabs as per Architect's specification
- 50mm compacted sharp sand
- 150mm Type 1 granular sub-base to SHW CL. 803
- Terram 1000 Geotextile

EF KERB
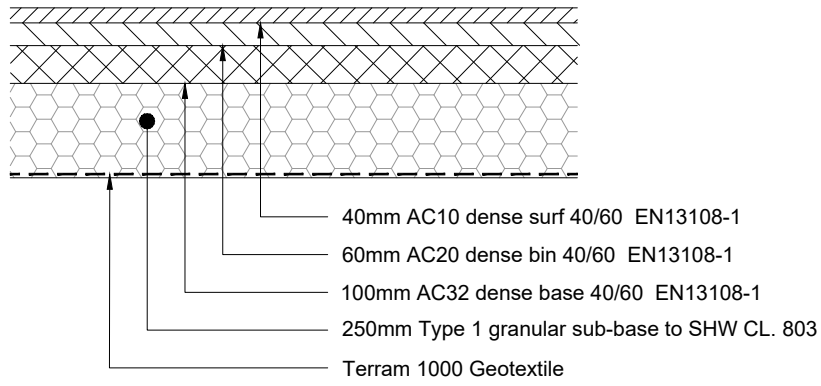- 50x150mm precast kerb to BS EN 1340:2003 Type EF
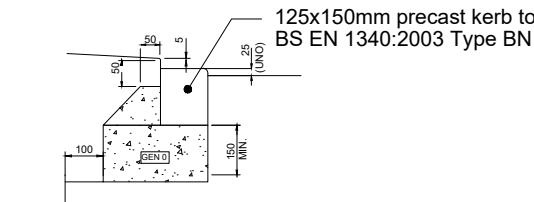
DROPPED BN KERB (VEHICLE ACCESS)
- 125x150mm precast kerb to BS EN 1340:2003 Type BN

BITUMINOUS ROAD CONSTRUCTION

- 40mm AC10 dense surf 40/60 EN13108-1
- 60mm AC20 dense bin 40/60 EN13108-1
- 100mm AC32 dense base 40/60 EN13108-1
- 250mm Type 1 granular sub-base to SHW CL. 803
- Terram 1000 Geotextile
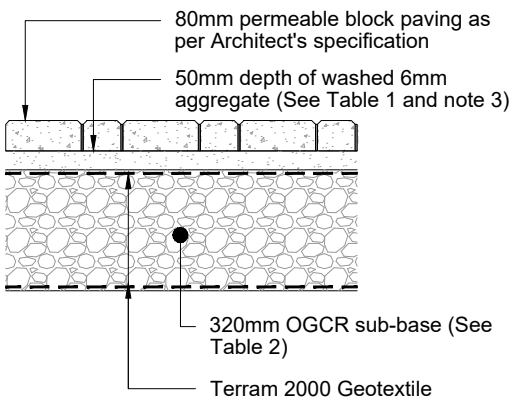
PERMEABLE BLOCK PAVING ROAD AND DRIVEWAY CONSTRUCTION

- 80mm permeable block paving as per Architect's specification
- 50mm depth of washed 6mm aggregate (See Table 1 and note 3)
- 320mm OGCR sub-base (See Table 2)
- Terram 2000 Geotextile

CS KERB
- 150x125 CS precast kerb (or BN kerb laid upside down) to BS EN 1340:2003 laid flush (no upstand) on 13mm mortar bed to SHW clause 2402, or laid & bedded directly on ST2 concrete foundation whilst plastic

0.080 | 0.150
150 | 125 | 150

Table 1

Laying Course Grading Requirements	
Recommended BS EN 12620 aggregate grading (mm)	2/6.3
Recommended BS EN 12620 grading/tolerance category	Gc80/20
Sieve size (mm)	Percentage by mass passing ISO 565 sieve
31.5	
20	
14	100
10	98 to 100
6.3	80 to 99
4	
2	0 to 20
1	0 to 5
0.063	0 to 2

Table 2

OGCR Sub-Base Grading Requirements		
Recommended BS EN 12620 aggregate grading (mm)	4/20	
Recommended BS EN 12620 grading/tolerance category	Gc80/20	GTc20/15
Sieve size (mm)	Percentage by mass passing ISO 565 sieve	
31.5	98 to 100	
20	90 to 99	
14		
10	25 to 70	
6.3		
4	0 to 15	
3.15		
2	0 to 5	

Notes:

1. The Open Graded Crushed Rock shall be in accordance with BS 7533-13:2009

2. Sound clean non friable sub-base material, free from clay or any other deleterious material. Sub-base grading to BS EN 13242:2002 as shown in table 1.

3. Should an alternative material be proposed it is the responsibility of the originator of the alternative material to prove its suitability.

4. The pavement must be protected at all times during and after construction from any activity or material to prove its suitability.

-	INITIAL PRELIMINARY ISSUE	18/12/2020	TE
REV	DESCRIPTION	DATE	DRAWN

CLIENT:
BUILDERS EDE LIMITED

IN ASSOCIATION WITH:
-

PROJECT:
CHOICE HILL ROAD OVER NORTON

TITLE:
EXTERNAL WORKS CONSTRUCTION DETAILS

ENG: TE	CSE: SW	ICSE:	SCALE: N.T.S.	@ A1
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