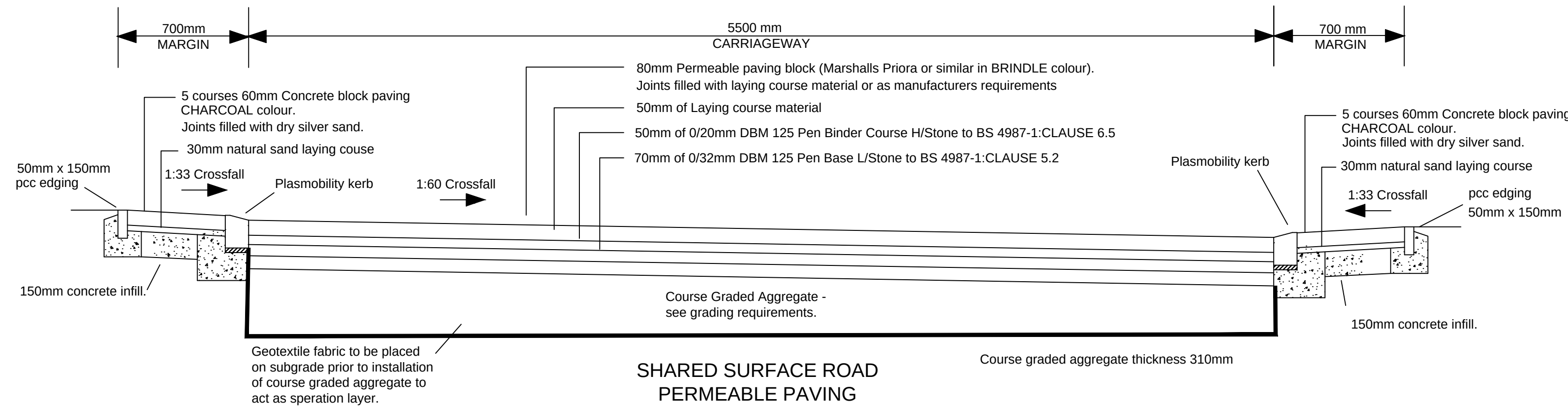




SHARED SURFACE ROAD
PERMEABLE PAVING
TYPICAL CROSS SECTION

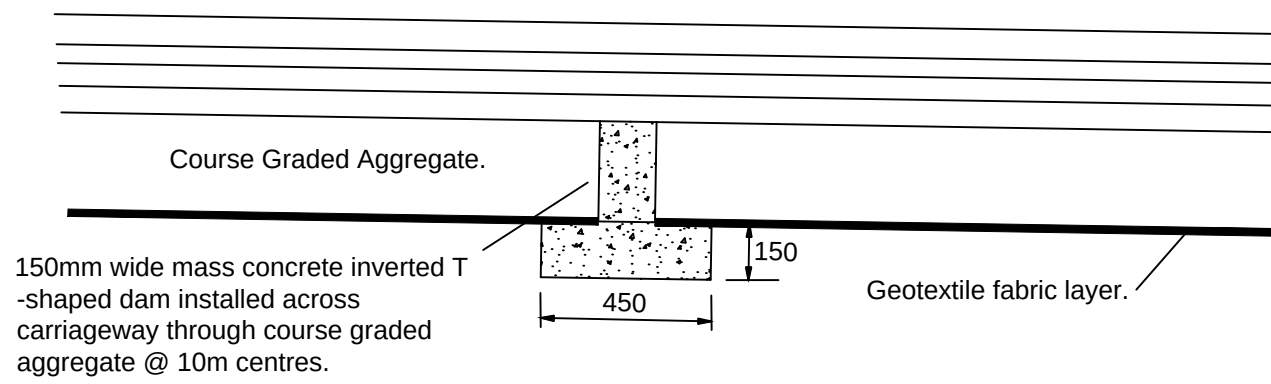
The DBM layers are to act as a protection layer during construction. Prior to the installation of the permeable blocks, the DBM should be cored through with 75mm holes on a 750mm orthogonal grid and filled with laying course material immediately prior to laying the block paving, converting the DBM to permeable pavement.

BS SEIVE SIZE	PERCENTAGE PASSING
14	100
10	98 - 100
6.3	80 - 99
2.0	0 - 20
1.0	0 - 5

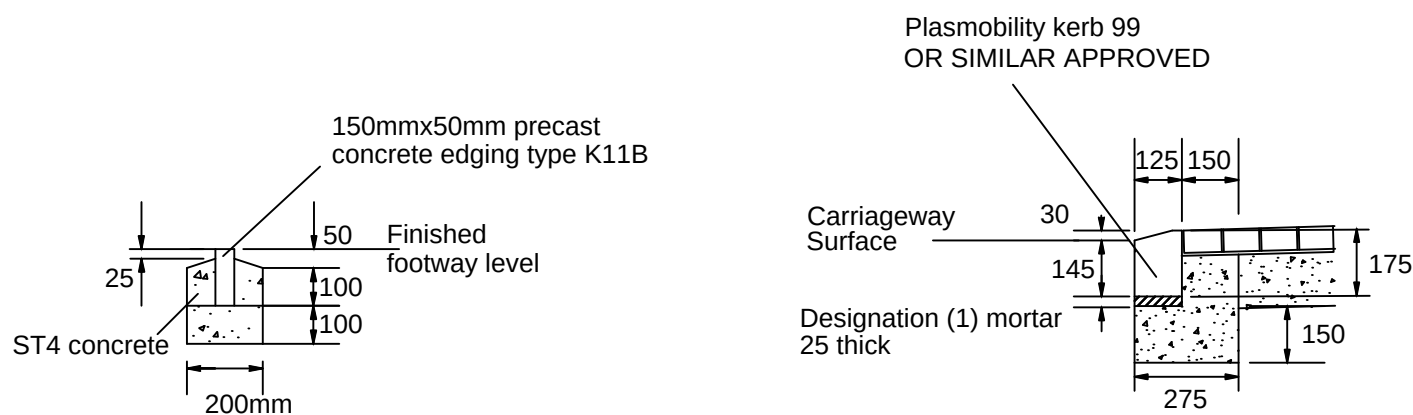
LAYING COURSE MATERIAL
TYPE 2/6.3 TO BSEN 13242:2002

BS SEIVE SIZE	PERCENTAGE PASSING
40	100
31.5	98 - 100
20	90 - 99
10	25 - 70
4	0 - 15
2	0 - 5

COURSE GRADED AGGREGATE
TYPE 4/20 TO BSEN 13242:2002



PERMEABLE PAVING
TYPICAL LONG SECTION
SHOWING CONCRETE 'DAM'
MARKED AS (CD) ON LAYOUT PLAN



FOOTWAY EDGING DETAIL

PLASMOBILITY KERB

ALL WORKS IN HIGHWAY TO BE TO
BARNSELY COUNCIL REQUIREMENTS

SECTION 38 HIGHWAY WORKS - STANDARD DETAILS

Health and Safety Hazards

Assessment at design stage has the left the possible safety hazards to deal with at construction stage.

- Working near existing highway.
- Working near utilities (highway and off-site sewer).
- Deep excavations for installation of soakaways upto 1.8m deep.
- Deep excavation and work to connect to existing combined sewer.

B	Redrawn - long Section amended.	23/03/17
A	Preliminary issue for highways approval.	19/10/15
REV	DETAILS	DATE

SCALE = 1:20 @ A1

HM
DESIGN

CHARTERED CIVIL ENGINEER

HM Design

10 The Green
York
YO26 5LR

Telephone 07919 031289

Client

G AND F BUILDING RESTORATION LTD

Drawing Title

HIGHWAY DETAILS AND LONG SECTION

Site Address

WHARNCLIFFE ARMS
FISH DAM LANE
CARLTON
BARNSELY

Surveyed	Processed	Drawn VHM	Checked VHM
Drg.No. YH374/HD/3C	Date 19/10/2015		

ROAD 1

CHAINAGE	0.000	6.775	8.775	10.000	20.000	25.416	25.918	30.000	37.399	37.896	40.000	45.652	45.992	50.000	60.000	66.347	70.000	71.100	72.503	80.000	83.824
EXISTING GROUND LEVEL	62.282		62.124		62.022			61.907		61.938			61.110	61.181		60.773		60.360		59.965	59.811
ALIGNMENT LEVEL	62.250	62.353	62.452		62.095			61.767		61.439			61.110	61.181		60.782		60.454		60.126	60.000
VERTICAL ALIGNMENT	1.660%	1.660%	1.660%		G=-3.283%			G=-3.283%		G=-3.283%			G=-3.283%	G=-3.283%		G=-3.283%		G=-3.283%		G=-3.283%	G=-3.283%
HORIZONTAL ALIGNMENT																					
LEFT HAND CHANNEL	62.201	62.374	62.465		62.301	62.136	61.972	61.808	61.644	61.480	61.316	61.152	60.987	60.823	60.659	60.495	60.331				
RIGHT HAND CHANNEL	62.209	62.292	62.382		62.218	62.054	61.890	61.726	61.562	61.397	61.233	61.069	60.905	60.741	60.577	60.413	60.249				

ROAD 1 - LONG SECTION SCALE 1:500H / 1:100V