

Sieve Size	% passing
100mm	100
63mm	90-100
37.5mm	60-80
20mm	15-30
10mm	0-5

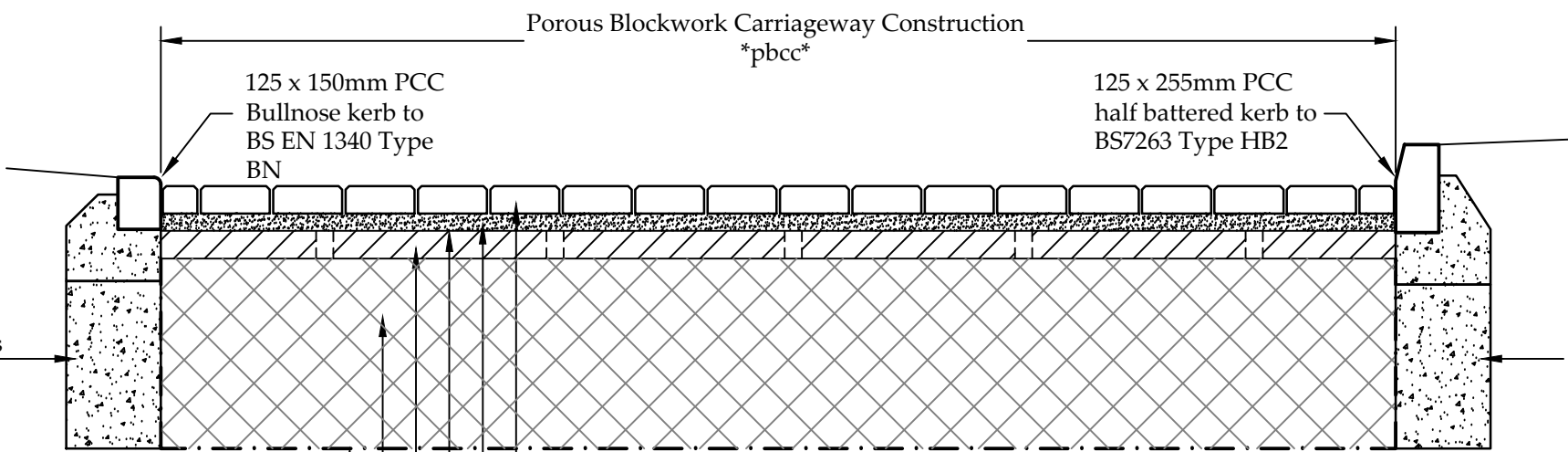
NOTE:
Contractor to ensure lower sub-base material has minimum 30% voids content.

NOTE:***
As an alternative to the tarmac base course, 80mm of Upper sub-base material 5-20mm graded no fines, compacted granular material can be used. Additional Geotextile to be added under upper subbase material.

Porous Blockwork Parking Construction *pbpc*

NOTE:
Porous pavement construction to be constructed in accordance with Formpave construction specification and materials to be sourced from local builders merchants.

NOTE:
Prior to laying bedding layer and block paving, binder course to be cored, 75mm diameter at 1m centres and holes infilled with 5mm clean stone



Sieve Size	% passing
100mm	100
63mm	90-100
37.5mm	60-80
20mm	15-30
10mm	0-5

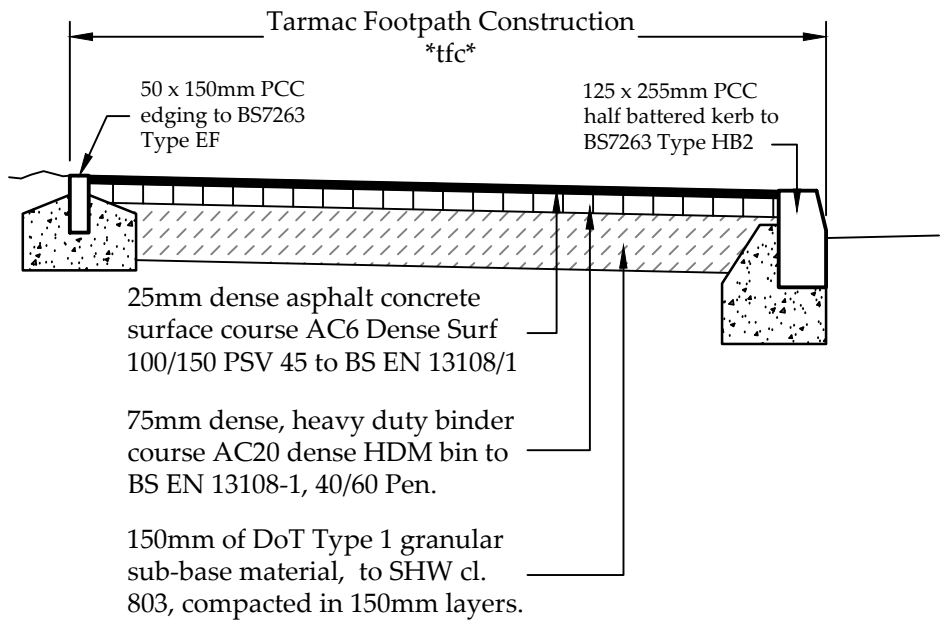
NOTE:
Contractor to ensure lower sub-base material has minimum 30% voids content.

NOTE:***
As an alternative to the tarmac base course, 80mm of Upper sub-base material 5-20mm graded no fines, compacted granular material can be used. Additional Geotextile to be added under upper subbase material.

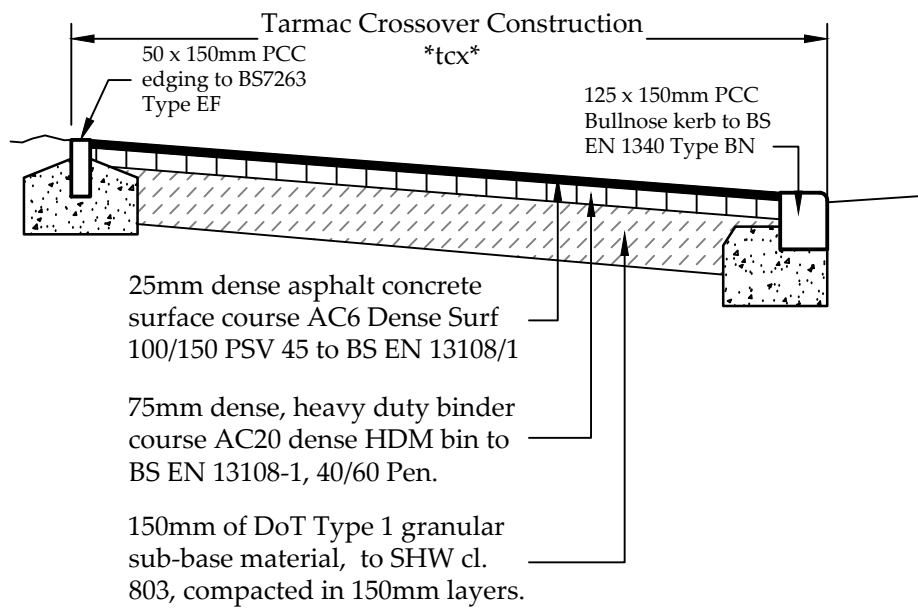
Porous Blockwork Carriageway Construction *pbcc*

NOTE:
Porous pavement construction to be constructed in accordance with Formpave construction specification and materials to be sourced from local builders merchants.

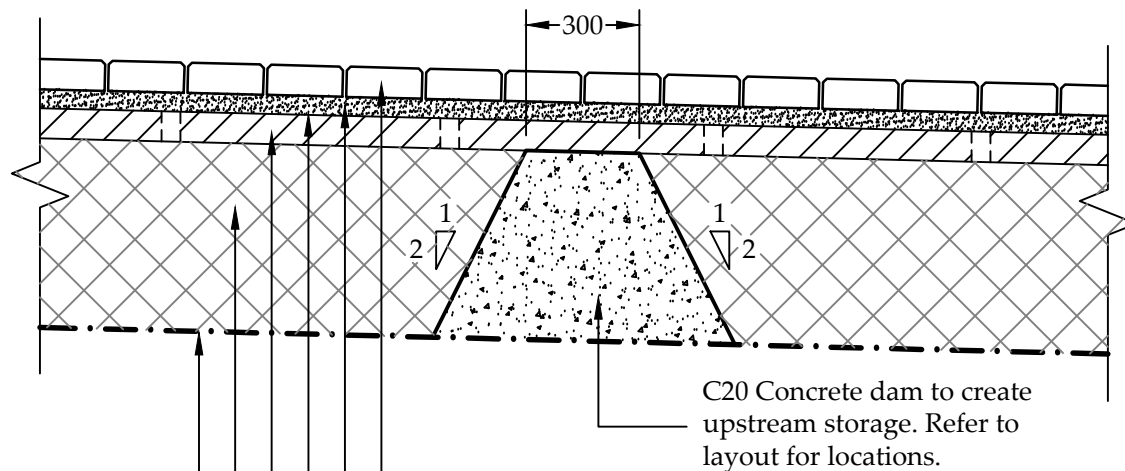
NOTE:
Prior to laying bedding layer and block paving, binder course to be cored, 75mm diameter at 1m centres and holes infilled with 5mm clean stone



Tarmac Footway Construction *tfc*



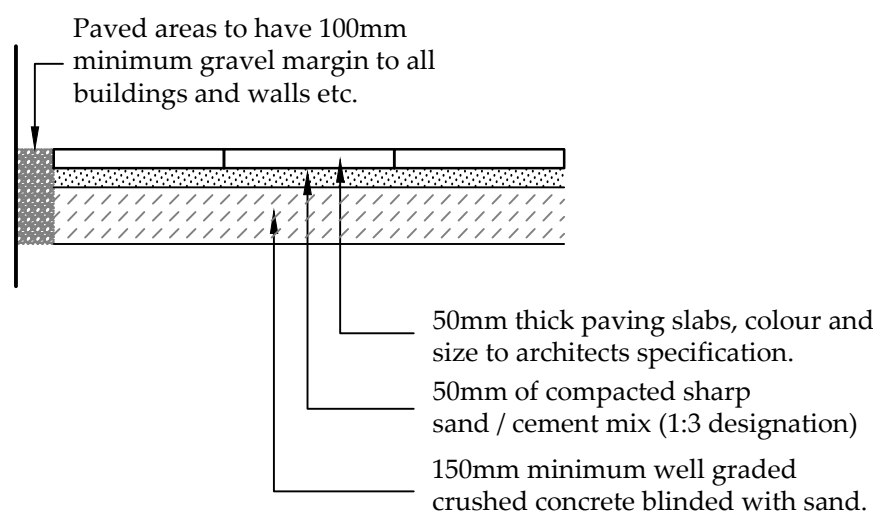
Tarmac Crossover Construction *tcx*



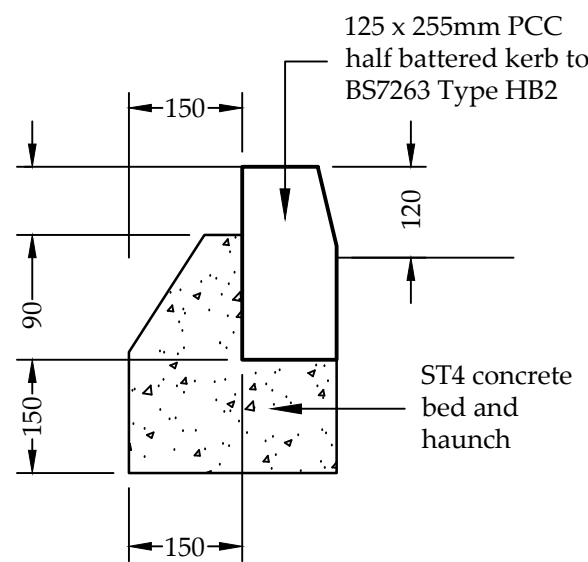
Porous Pavement Concrete Dam Construction (1:25)

NOTE:
Prior to laying sub-base material the formation shall be sprayed with an approved weed killer.

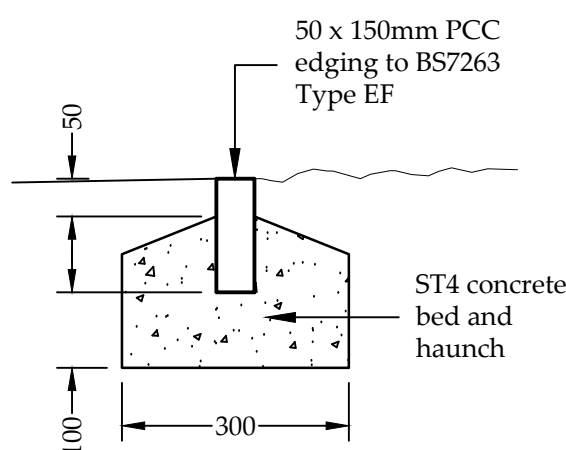
80mm Aquaflow block paving, colour to be confirmed by the architect
50mm thickness of 5mm clean single sized stone to BS 882
Thermally bonded non woven geotextile material, 'Imbitex' or similar approved to be laid above tarmac after holes punctured and filled with shingle, geotextile to be wrapped up flush with the paving.
80mm *** of 20mm nominal size Dense Macadam binder course to BS4987 Part 1:2001, cl. 6.5.
550mm minimum thickness void content granular sub-base material to the grading specified below, compacted in layers. Refer to the layout for Formation level.
Thermally bonded non woven geotextile material, 'Imbitex' or similar approved to be laid at formation and to be wrapped up and cut flush with the block paving.



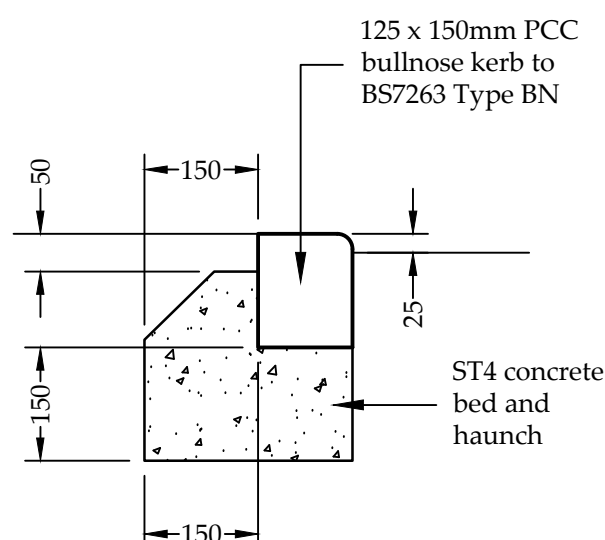
Paving Slab Footpath Construction



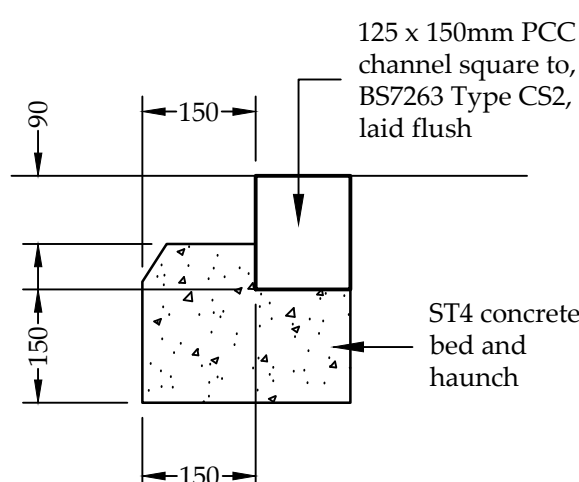
Half Battered Kerb Detail 1:10



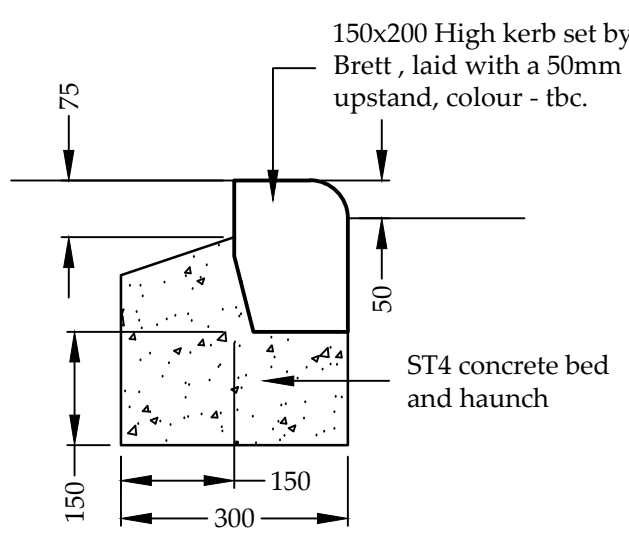
Edging Detail 1:10



Bullnose Kerb Detail 1:10



Channel Square Kerb Detail 1:10



High Kerb Sett Detail

Notes:

- 1.1 Do not scale from this drawing.
- 1.2 All dimensions are in m unless otherwise specified.
- 1.3 In case of any discrepancies in drawings or details refer to engineer for clarification. Unilateral decisions by the contractor will not be accepted.
- 1.4 This drawing is to be read in conjunction with all related Architects, Consultants & Sub-Contractors drawings and specifications.
- 1.5 The Contractor is to ensure that all design drawings and information are read concurrently and any discrepancies or omissions reported directly to Aventus Design.
- 1.6 The Contractor must check the levels of all existing drainage outfalls prior to construction of any drainage, unless otherwise agreed, to ensure the proposed design may be achieved. Any discrepancies must be reported immediately to Aventus Design.
- 1.7 Sulphates have been determined as class 1 (DS-1) for design purposes in accordance with BRE Special Digest 1 (2001). Buried Concrete to be in accordance with ACEC Site Class AC-1s.
- 1.8 All adoptable highway works to be in accordance with the Local Authorities Specifications.
- 1.9 All adoptable drainage works to be in accordance with the Water Authorities standard guidelines for connections etc.
- 1.10 Formation to road/hardstanding to be proof rolled and any soft spots in subgrade of road/Hardstanding areas are to be excavated and replaced with well compacted sub-base or free draining granular material to Department of Transport Specification for Highway Works Part 2' Table 6/1 Class 1 (General Granular Fill) and compacted in accordance with Table 6/4.

CDM REGULATIONS 2015

Aventus Design have considered and where reasonably practicable avoided foreseeable risks in the preparation of the design shown on this and related drawings. Significant risks which remain and associated control measures are identified in the Risk Register and should be given particular attention by the main contractor on site.
RISKS RELATING TO THIS DRAWING:
RISK NUMBERS 5 - 8 on Risk Register
NOTE: The Risk Register records only those elements considered unusual, difficult to manage or outside the anticipated expertise of a competent contractor.

Drawing Status	PRELIMINARY ISSUE	
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B	16.04.25	Concrete haunch added to *pbcc*, block kerb detail added.	CU	-
A	03.04.25	Client address updated.	CU	-
REV.	DATE	DESCRIPTION	CHK	APP

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Email: mail@aventusdesign.co.uk
Web: www.aventusdesign.co.uk

Client: Darcliffe Homes
Site: Land Adj. Golf Club, Pound Lane, Sonning. RG4 6GG

Title: Highway Construction Details
Drawing no. H1342 - 405

Issue: B	Scale: 1:10/20 @ A1 Dwn: S.U.	Checked: - Date: Feb '25	Date: - Approve: -
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FILL SPECIFICATION

Fill under adoptable carriageway and other vehicularised areas to be to Department of Transport 'Specification for Highway Works Part 1' Table 6/1 Class 1 (General Granular Fill) and compacted in accordance with Table 6/4. Subject to the final approval of the adopting Authority.

Fill under landscaped areas to be as raised from site excavations and compaction shall be sufficient to remove large voids and to produce a coherent mass whilst preventing overcompaction and any build up of excess pore pressures.

150mm
100mm
150mm
250mm
ORIGINAL SIZE - A1