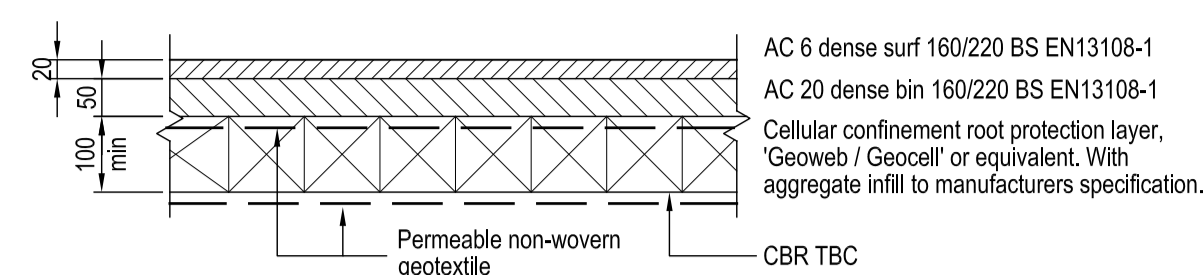


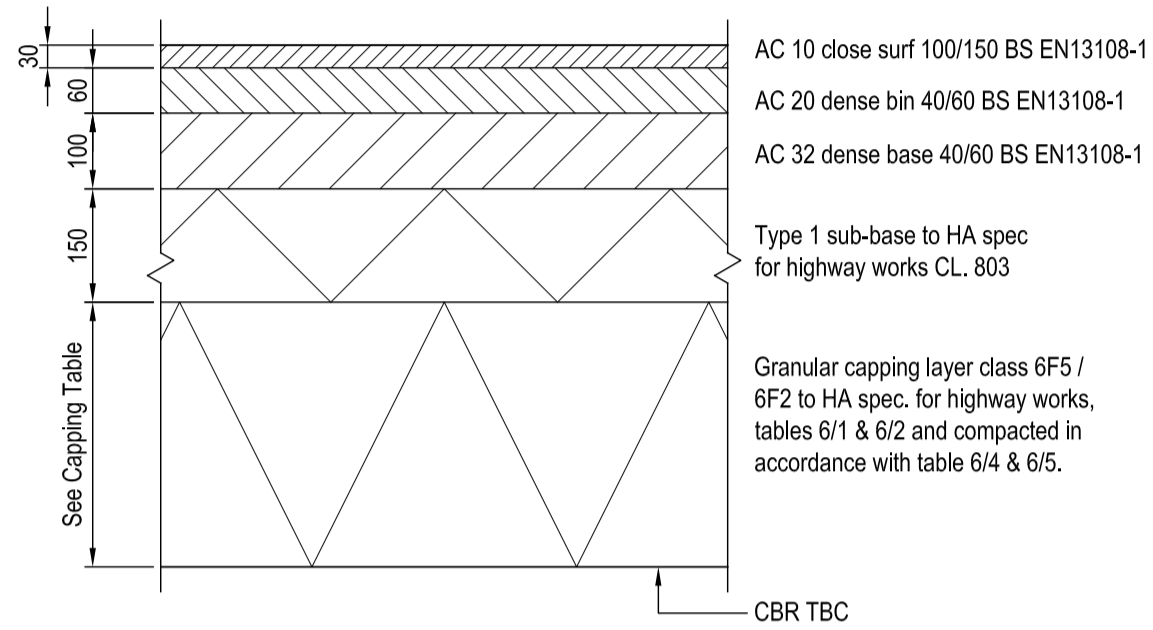
Macadam Footpath Construction Detail

SCALE = 1:10



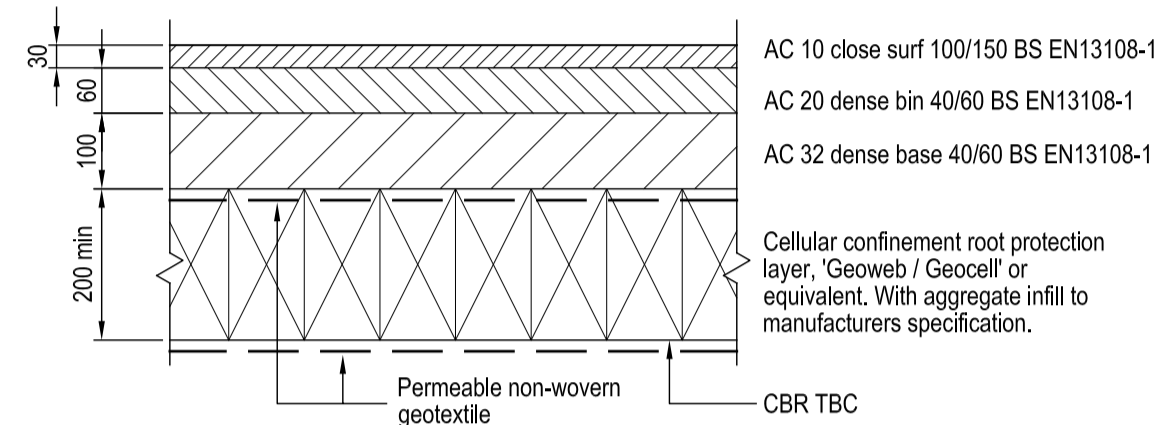
Macadam Footpath (Within Tree Protection Areas) Construction Detail

SCALE = 1:10



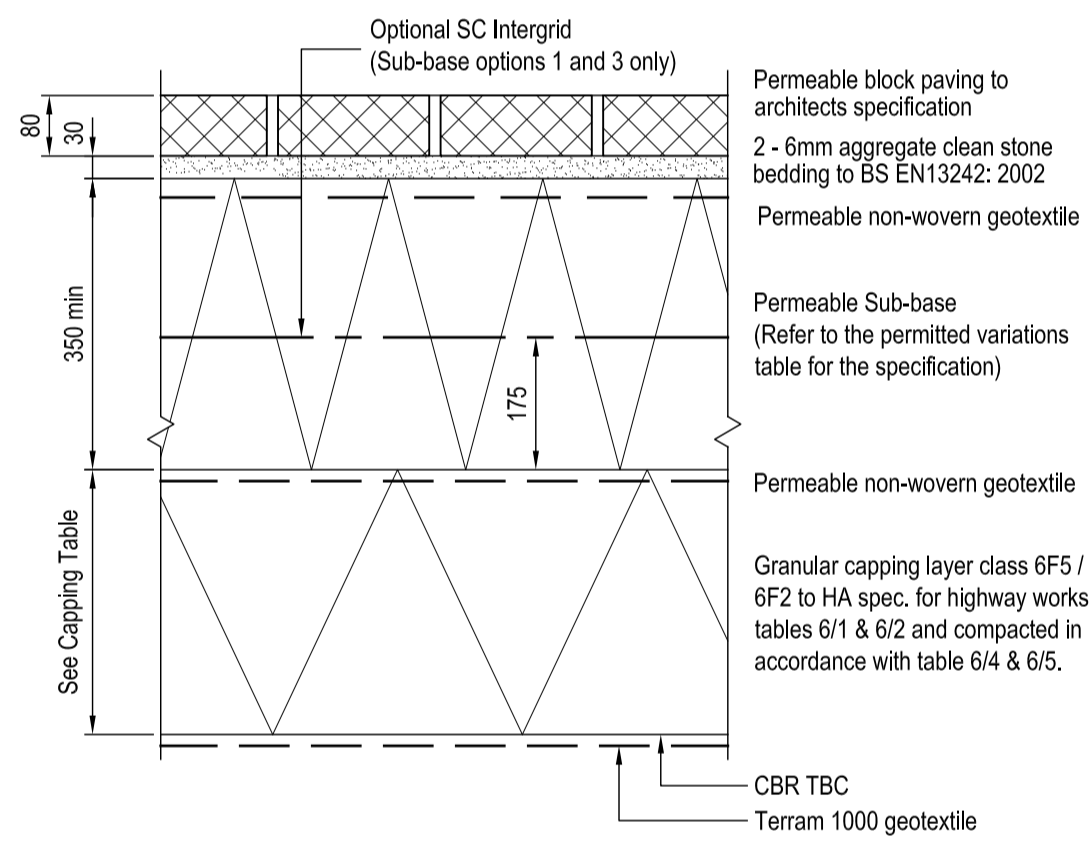
Macadam Access Construction Detail

SCALE = 1:10



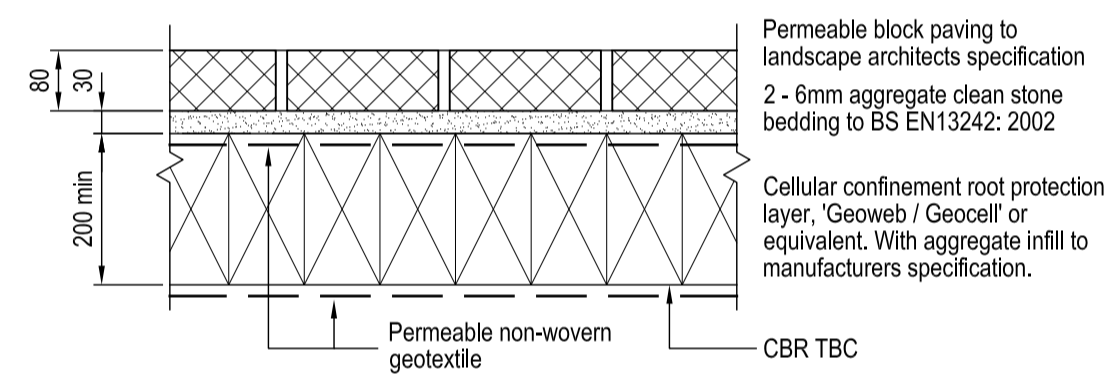
Macadam Access (Within Tree Protection Areas) Construction Detail

SCALE = 1:10



Permeable Block Paved Parking Construction Detail

SCALE = 1:10



Permeable Paving (Within Tree Protection Areas) Construction Detail

SCALE = 1:10

Notes:
1. The permeable blocks should not be laid until the building construction is finished to avoid damage by construction vehicles and activity.
2. The contractor should ensure that there is a level base course for the permeable blocks and sand bedding before the surfacing is laid to correct line and level.

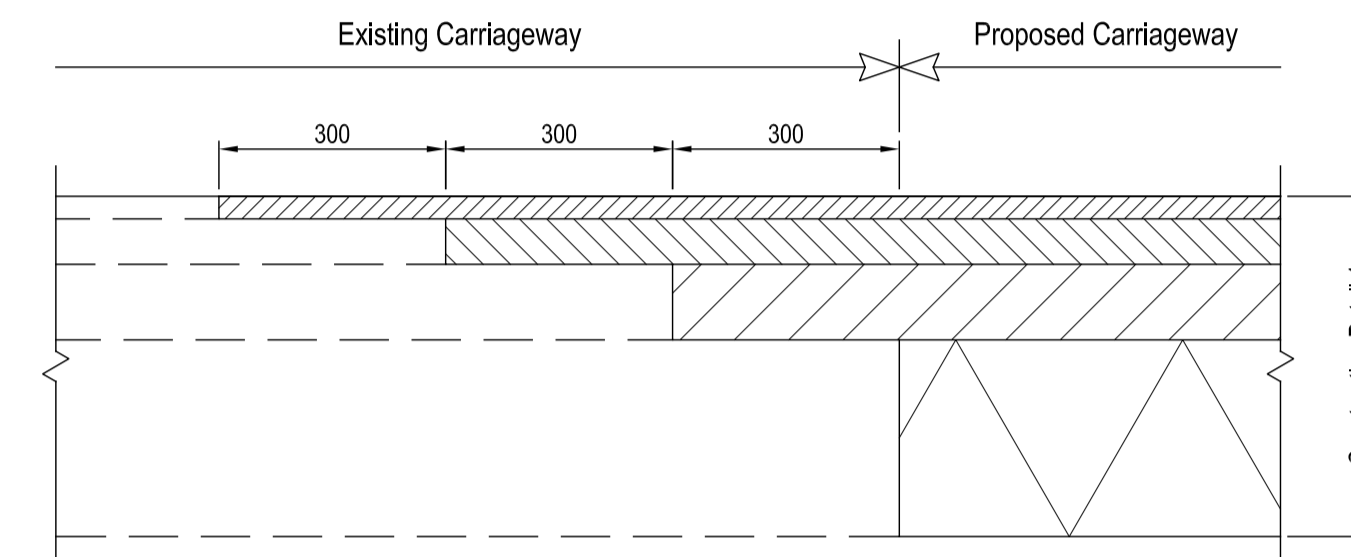
Sub-Grade Improvement	
CBR Value	Capping Thickness
0 - 2%	600mm
2.1 - 2.5%	450 - 400mm
2.6 - 3%	400 - 350mm
3.1 - 4%	350 - 300mm
4.1 - 5%	300 - 250mm
5.1 - 8%	250 - 200mm
8.1 - 15%	200 - 150mm

Granular Capping Layer Specification:
Class 6F5 / 6F2 to HA spec. for highway works, tables 6/1 & 6/2 and compacted in accordance with table 6/4 & 6/5.

Grading Requirements	
BS Sieve (mm)	% Passing
125	100
90	80 - 100
70	65 - 100
37.5	45 - 100
10	15 - 60
5	10 - 45
0.6	0 - 25
0.063	0 - 12

Note: Aggregate grading test to be performed in accordance with BS 1377-2

Sub-Grade Improvements Table



Carriageway Tie-in Construction Detail

SCALE = 1:10

Permeable Sub-base - Options Table		
Option No.	Description	Permitted
1	(100mm) of 5-20mm aggregate upper sub-base to BS EN13242: 2002 + (250mm min) of 10-63mm aggregate lower sub-base to BS EN13242: 2002	✓
2	Type-3 granular sub-base to SHW CL 805 (See Note below)	✓
3	Graded crushed aggregate 4-20mm to BS EN13242: 2002	✓

Note:
If the Type-3 granular sub-base is selected, it is essential that the material used is certified to comply fully with all Type-3 MCHW specifications.

Permeable Sub-base Permitted Variations Table

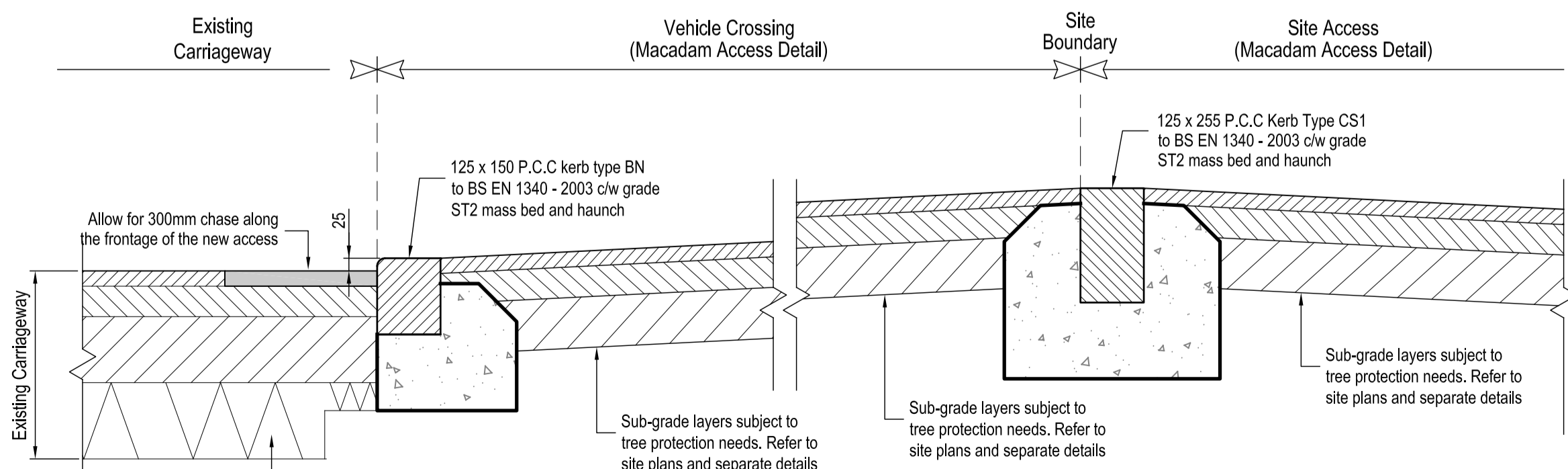
Note:
1. Refer to construction details for the sub-base details.

Sub-Grade Improvement Table			
Infiltration System		Attenuation System	
CBR Value	Thickness (min)	CBR Value	Thickness (min)
0 - 1%	300mm	0 - 1%	300mm
1.1 - 2%	175mm	1.1 - 2%	350mm
2.1 - 3%	125mm	2.1 - 3%	250mm
3.1 - 4%	100mm	3.1 - 4%	200mm
4.1 - 15%	None	4.1 - 15%	150mm

Material Specification:
Type-3 granular sub-base to HA spec for highway works clause 805

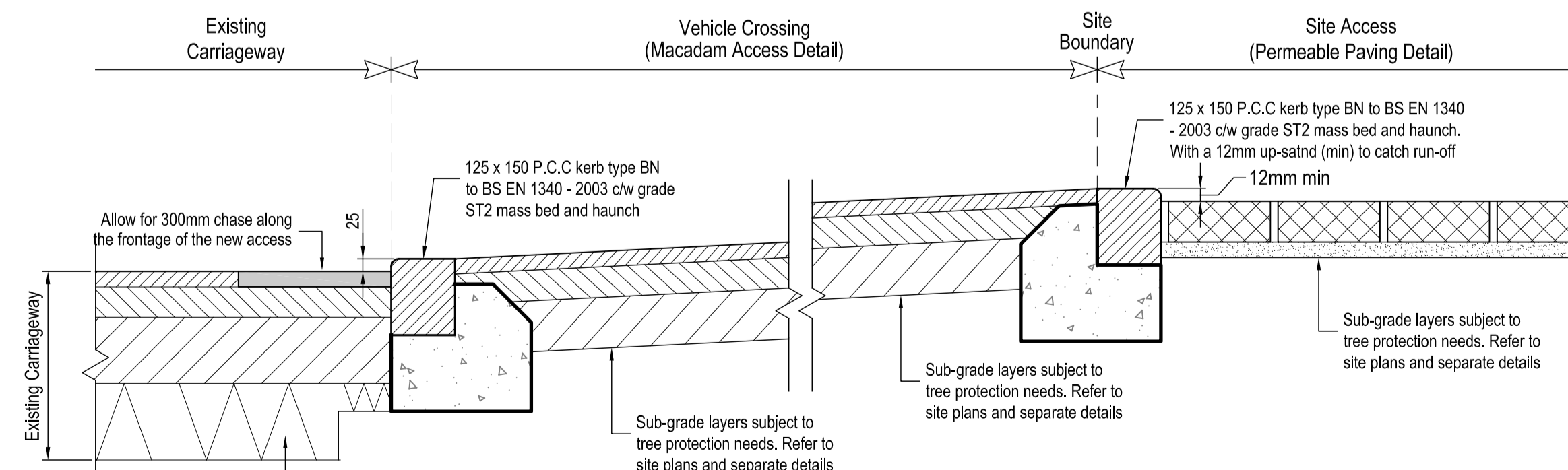
Permeable Paving Sub-Grade Improvements Table

Notes:
1. The permeable blocks should not be laid until the building construction is finished to avoid damage by construction vehicles and activity.
2. The contractor should ensure that there is a level base course for the permeable blocks and sand bedding before the surfacing is laid to correct line and level.



Vehicle Access Crossing Arrangement Detail Block A

SCALE = 1:10



Vehicle Access Crossing Arrangement Detail Blocks B, C and D

SCALE = 1:10

Notes:

- This drawing is to be read in conjunction with all relevant architects, engineers and specialist sub-contractors drawings and the specification.
- All setting out to be in accordance with the schedules, any discrepancies between the engineers and the architects drawings to be referred to the architect before proceeding. Dimensions must not be scaled.

P1 17.07.17 Drawn GEB
Rev. Date Description Issued By

Planning



CONSULTING STRUCTURAL CIVIL AND ENVIRONMENTAL ENGINEERS
ADDRESS: 2nd Floor, Janssen House, 43 Commercial Road, Poole, Dorset BH14 0HU
T: 0044 1202 237237 W: www.calcinotto.co.uk E: admin@calcinotto.co.uk

Client: **Quantum Land and Property Limited**

Project Title: **Former ICL Private Ground**

Proposed External Works Details Drawing

Drawn by GEB Project No. 3336 Drwg No. (Rev) 055 P1
Scale As Shown
Date Jul'17