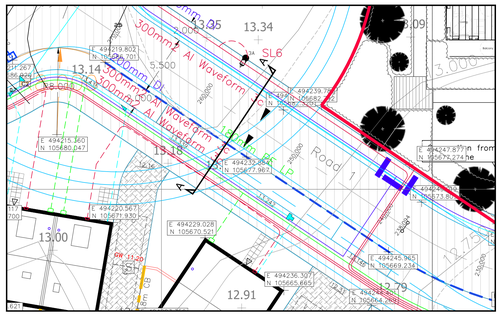
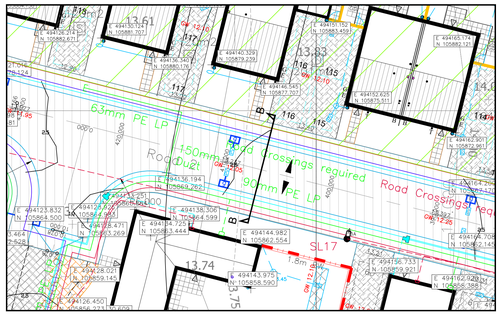


PLAN
Scale 1:200



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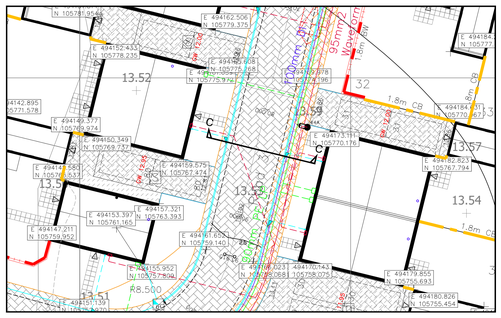

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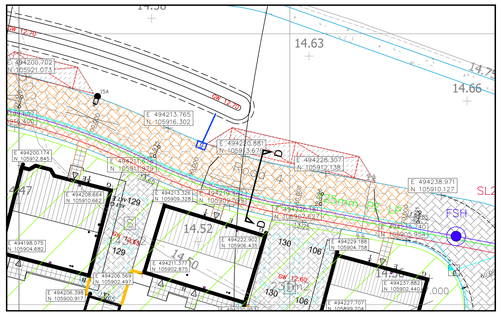

PLAN
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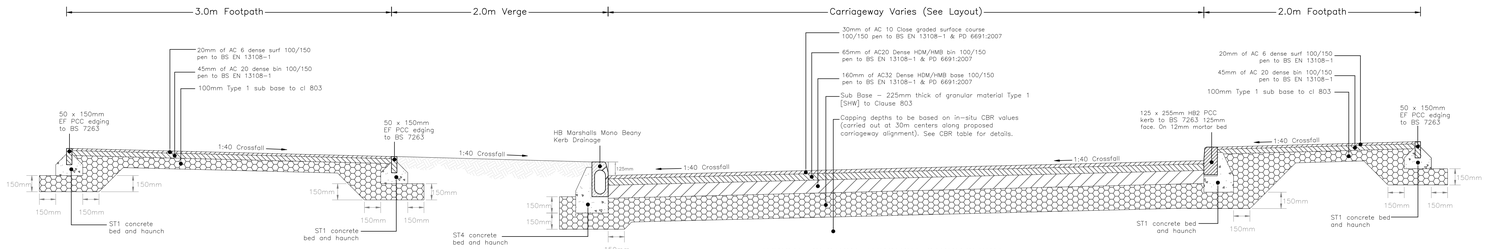
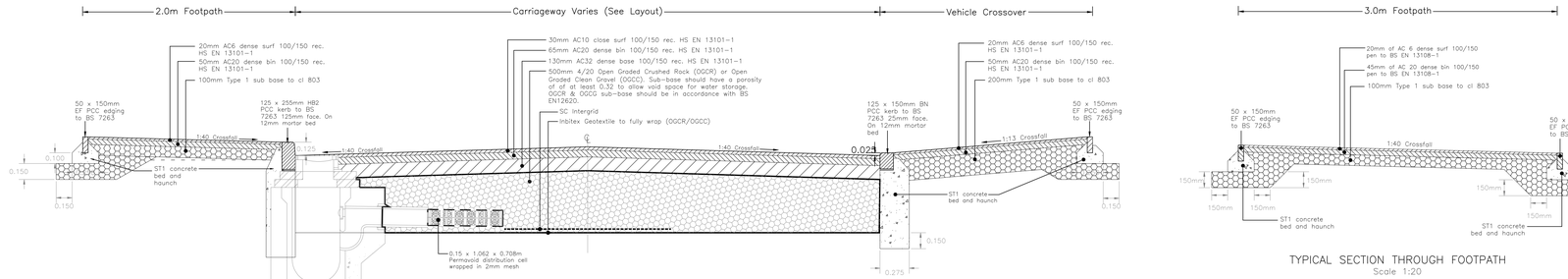


TYPICAL SECTION THROUGH CARRIAGEWAY
WITH BEANY BLOCK
(Section A–A)
Scale 1:20

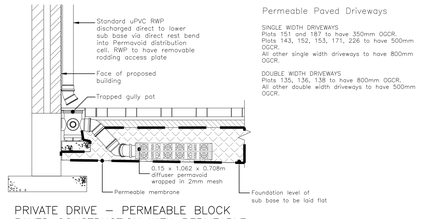
SUB-GRADE CBR %	CAPPING LAYER THICKNESS (mm)	SUB-BASE LAYER THICKNESS (mm)
15–30	0	150
>5	0	225
2–5	350	150
<2	600	150

CBR tests to be undertaken on formation to determine sub base thickness.



TYPICAL CROSS SECTION THROUGH MACADAM CARRIAGEWAY
WITH PERMEABLE SUB BASE
(Section B–B)
Scale 1:20

TYPICAL SECTION THROUGH FOOTPATH
Scale 1:20

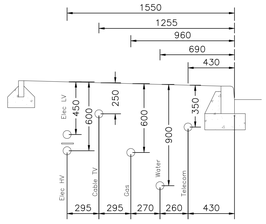


PRIVATE DRIVE – PERMEABLE BLOCK
PAVED CONSTRUCTION WITH PERMEABLE
SUB–BASE & PERMAVOID DIFFUSER
Scale 1:20

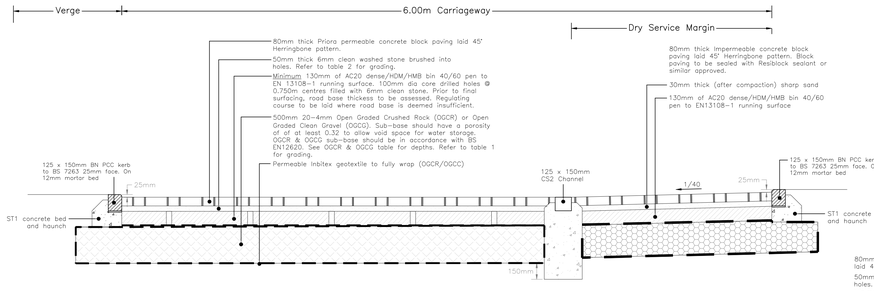
Permeable Paved Driveways

SINGLE WIDTH DRIVEWAYS
Plots 151 and 187 to have 350mm OGCR.
Plots 143, 152, 153, 171, 226 to have 500mm OGCR.
All other single width driveways to have 800mm OGCR.

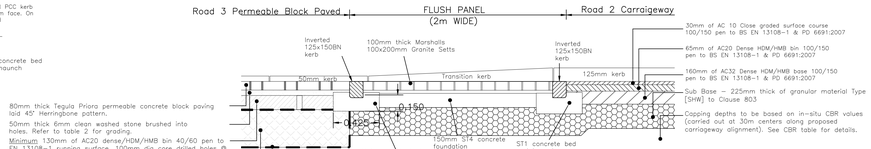
DOUBLE WIDTH DRIVEWAYS
Plots 135, 136, 138 to have 800mm OGCR.
All other double width driveways to have 500mm OGCR.



SERVICE POSITIONS UNDER FOOTPATH
NTS

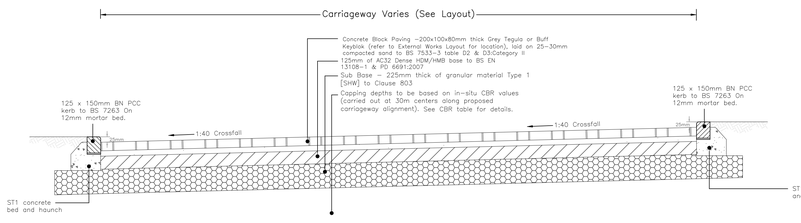


PERMEABLE BLOCK PAVED ROAD
WITH DRY SERVICE MARGIN
(Section C–C)
Scale 1:20

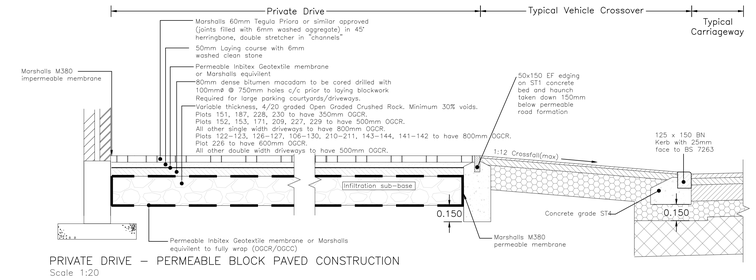


80mm thick Tegula Priora permeable concrete block paving laid 45° Herringbone pattern.
50mm thick 6mm clean washed stone brushed into holes. Refer to table 2 for grading.
Minimum 130mm of AC20 dense/HDM/HMB bin 40/60 pen to EN 13108-1 running surface. 100mm dia core drilled holes @ 0.750m centres filled with 6mm clean stone. Prior to final surfacing, road base thickness to be assessed. Regulating course to be laid where road base is deemed insufficient.
500mm 20–4mm Open Graded Crushed Rock (OGCR) or Open Graded Clean Gravel (OGCG). Sub-base should have a porosity of of at least 0.32 to allow void space for water storage. OGCR & OGCG sub-base should be in accordance with BS EN12620. See OGCR & OGCG table for depths. Refer to table 1 for grading.
Permeable Inbitex geotextile to fully wrap (OGCR/OGCC)

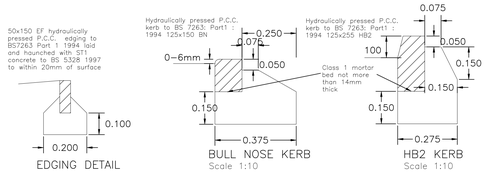
TYPICAL FLUSH PANEL
SECTION
Scale 1:20



TYPICAL SECTION THROUGH IMPERMEABLE
BLOCK PAVED CARRIAGEWAY
(Section D–D)
Scale 1:20



PRIVATE DRIVE – PERMEABLE BLOCK PAVED CONSTRUCTION
Scale 1:20

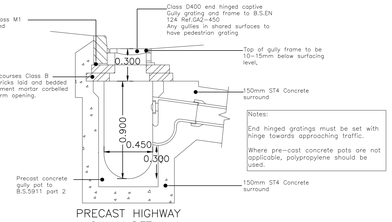


EDGING DETAIL

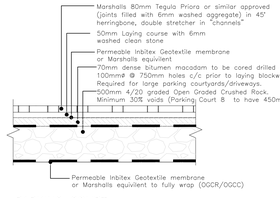
BULL NOSE KERB
Scale 1:10

HB2 KERB
Scale 1:10

KERB/EDGING DETAILS
Scale 1:10



PRECAST HIGHWAY
GULLY DETAIL
NTS



PARKING COURT –
PERMEABLE BLOCK PAVED CONSTRUCTION
Scale 1:20

PRELIMINARY

REV. No.	DATE	DESCRIPTION	INITIALS
O	31.07.19	Permeable paving details updtaed.	SS
N	19.07.19	Sub–base of plot 226 updated.	SS
M	04.07.19	Permeable block paved road block type amended.	JW
L	20.06.19	Granular sub–base depths updated.	SS

Client: TaylorWimpey plc

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Project: Westergate & Eastergate

Title: Construction Details

Scale	Date	Drawing No.	Rev
AsShown@A0	Sep'17	5655:20	0
Checked WSR	Drawn DT		

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Area Solihull Council, 4/2/2021