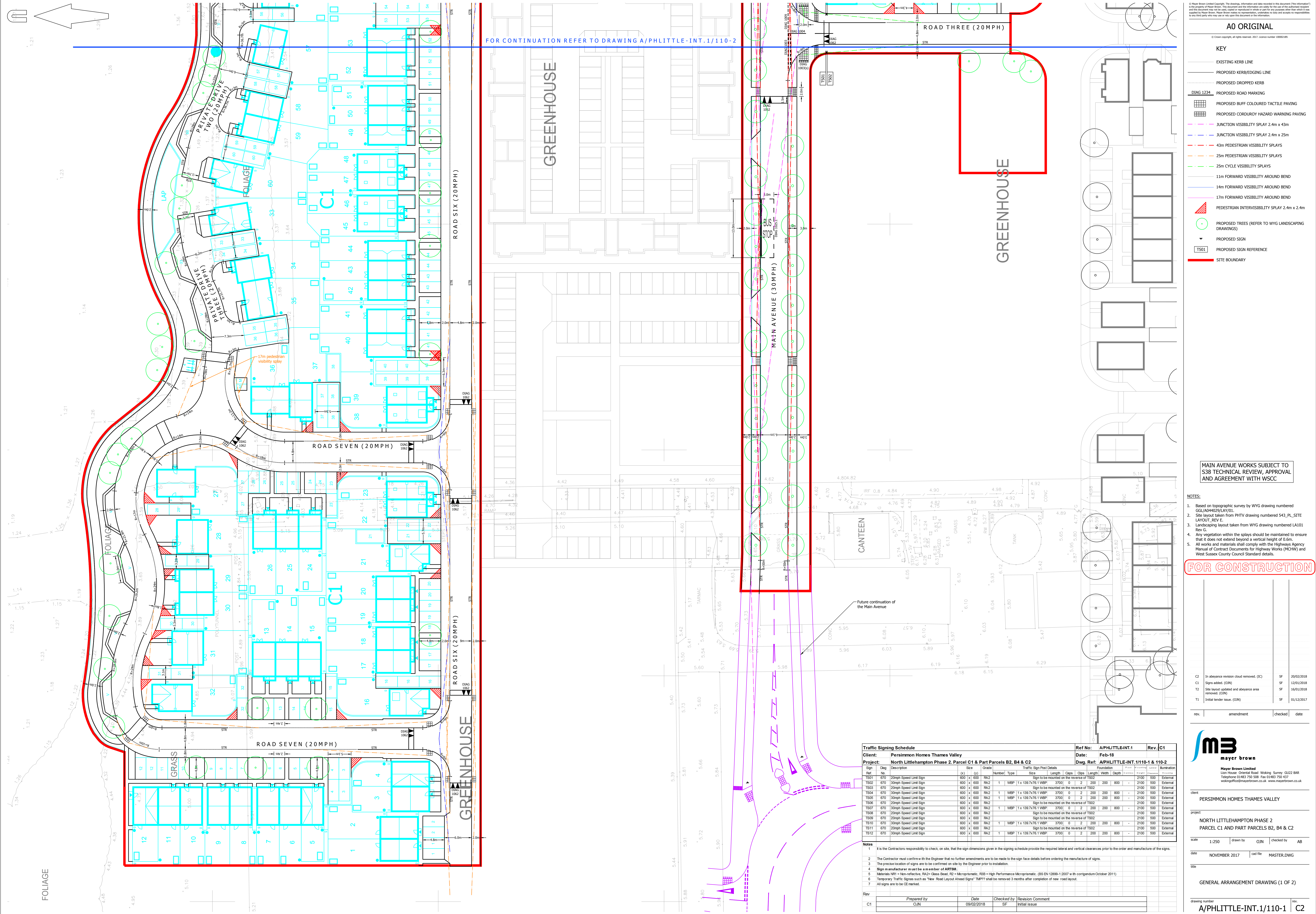




A0 ORIGINAL

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KEY

- EXISTING KERB LINE
- PROPOSED KERB/EDGING LINE
- PROPOSED DROPPED KERB
- PROPOSED ROAD MARKING
- PROPOSED BUFF COLOURED TACTILE PAVING
- PROPOSED CORDOURY HAZARD WARNING PAVING
- JUNCTION VISIBILITY SPLAY 2.4m x 43m
- JUNCTION VISIBILITY SPLAY 2.4m x 25m
- 43m PEDESTRIAN VISIBILITY SPLAYS
- 25m PEDESTRIAN VISIBILITY SPLAYS
- 25m CYCLE VISIBILITY SPLAYS
- 11m FORWARD VISIBILITY AROUND BEND
- 14m FORWARD VISIBILITY AROUND BEND
- 17m FORWARD VISIBILITY AROUND BEND
- PEDESTRIAN INTERVISIBILITY SPLAY 2.4m x 2.4m
- PROPOSED TREES (REFER TO WYG LANDSCAPING DRAWINGS)
- PROPOSED SIGN
- PROPOSED SIGN REFERENCE
- SITE BOUNDARY

MAIN AVENUE WORKS SUBJECT TO S38 TECHNICAL REVIEW, APPROVAL AND AGREEMENT WITH WSCC

- NOTES:**
- Based on topographic survey by WYG drawing numbered GGL/AD4029/LAY/01.
 - Site layout taken from PHTV drawing numbered 543_PL_SITE LAYOUT_REV E.
 - Landscaping layout taken from WYG drawing numbered LA101 Rev G.
 - Any vegetation within the splays should be maintained to ensure that it does not extend beyond a vertical height of 0.6m.
 - All works and materials shall comply with the Highways Agency Manual of Contract Documents for Highway Works (MCHW) and West Sussex County Council Standard details.

FOR CONSTRUCTION

C2	In abeyance revision cloud removed. (IC)	SF	20/02/2018
C1	Signs added. (OIN)	SF	12/01/2018
T2	Site layout updated and abeyance area removed. (OIN)	SF	16/01/2018
T1	Initial tender issue. (OIN)	SF	01/12/2017

rev.	amendment	checked	date
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m3 mayer brown

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client
PERSIMMON HOMES THAMES VALLEY

project
**NORTH LITTLEHAMPTON PHASE 2
PARCEL C1 AND PART PARCELS B2, B4 & C2**

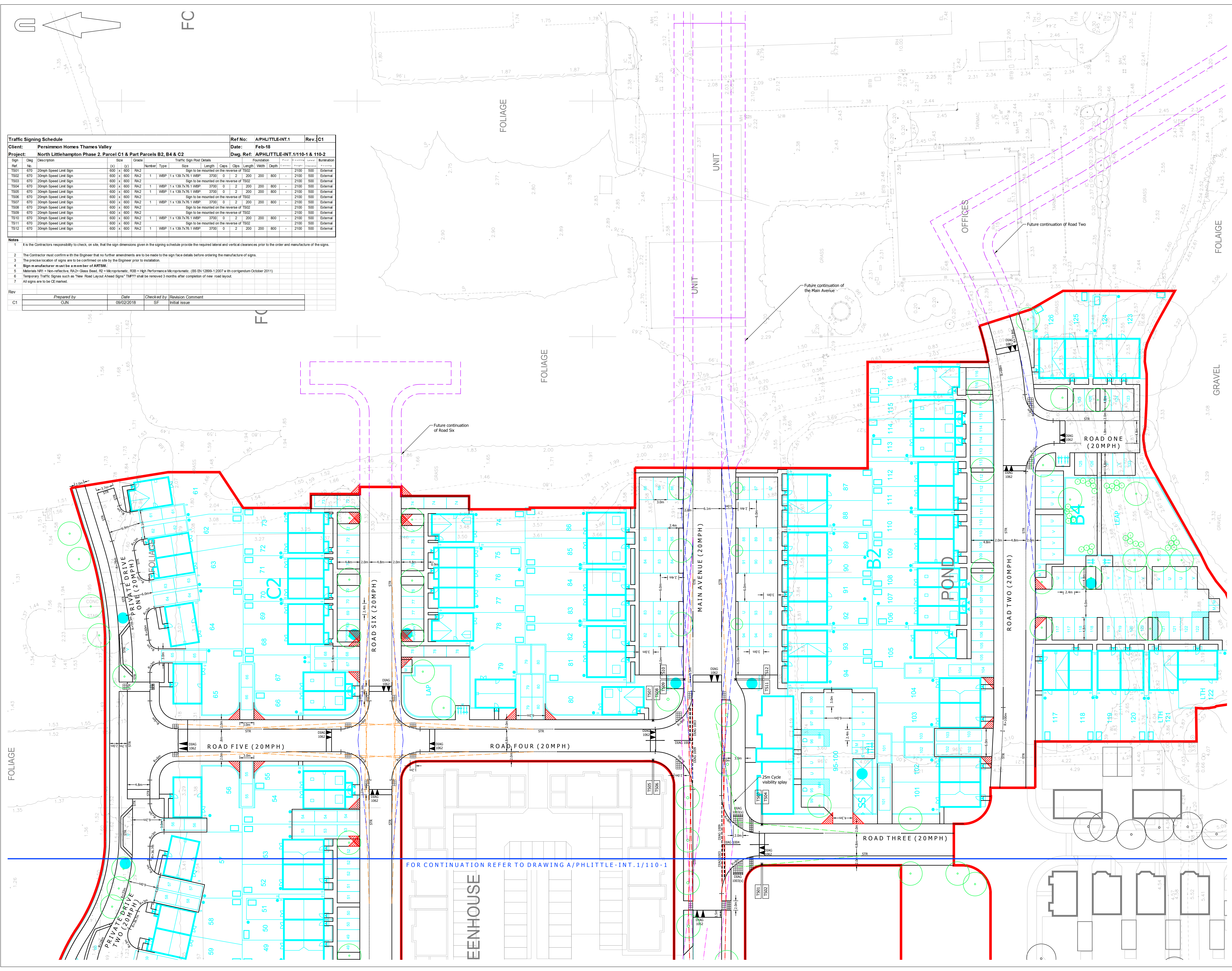
scale
1:250 drawn by OJN checked by AB

date
NOVEMBER 2017 cad file MASTER.DWG

title
GENERAL ARRANGEMENT DRAWING (1 OF 2)

drawing number
A/PHLITTLE-INT.1/110-1 rev.
C2

Traffic Signing Schedule										Ref No:	A/PHLITTLE-INT.1		Rev:	C1	
Client: Persimmon Homes Thames Valley										Date:	Feb-18				
Project: North Littlehampton Phase 2, Parcel C1 & Part Parcels B2, B4 & C2										Dwg. Ref:	A/PHLITTLE-INT.1/110-1 & 110-2				
Sign	Diag	Description	Size	Grade	Number	Type	Length	Chgs	Ops	Length	Width	Depth	Material	Quantity	Location
Ref	No		(x)	(y)											
TS01	670	20mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS02	670	30mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS03	670	20mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS04	670	30mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS05	670	20mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS06	670	20mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS07	670	30mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS08	670	20mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS09	670	20mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS10	670	30mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS11	670	20mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
TS12	670	30mph Speed Limit Sign	600 x 600	RA2	1	WBP	1 x 139.7x76.1 WBP	3700	0	2	200	200	800	2100	500 External
Sign to be mounted on the reverse of TS02															
Notes															
1 It is the Contractors responsibility to check, on site, that the sign dimensions given in the signing schedule provide the required lateral and vertical clearances prior to the order and manufacture of the signs.															
2 The Contractor must confirm with the Engineer that no further amendments are to be made to the sign face details before ordering the manufacture of signs.															
3 The precise location of signs are to be confirmed on site by the Engineer prior to installation.															
4 Sign in manufacturer must be a member of ARTSM.															
5 Materials R11 = Non-reflective, RA2= Glass Bead, R2 = Microprismatic, BS EN 12899-1:2007 with corrigendum October 2011)															
6 Temporary Traffic Signs such as "New Road Layout Ahead Signs" TNP?? shall be removed 3 months after completion of new road layout.															
7 All signs are to be CE marked.															
Rev															
	Prepared by		Date		Checked by		Revision		Comment						
C1	OJN		09/02/2018		SF		Initial issue								



Traffic Signing Schedule										Ref No:	A/PHLITTLE-INT.1		Rev:	C1					
Client: Persimmon Homes Thames Valley										Date:	Feb-18								
Project: North Littlehampton Phase 2, Parcel C1 & Part Parcels B2, B4 & C2										Dwg. Ref:	APHLITTLE-INT.1/110-1 & 110-2								
Sign Ref	Qty	Description	Size (x)	Grade (y)	Number	Type	Traffic Sign Post Details				Foundation		Height	Material	Notes				
							Length	Caps	Length	Clips	Width	Depth							
TS01	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS02
TS02	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS01
TS03	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS02
TS04	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS01
TS05	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS02
TS06	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS01
TS07	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS02
TS08	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS01
TS09	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS02
TS10	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS01
TS11	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS02
TS12	670	20mph Speed Limit Sign	600	x	600	RA2	1	WBP	1 x 130	7x76	1 WBP	3700	0	2	200	200	500	External	Sign to be mounted on the reverse of TS01

Notes

- It is the Contractor's responsibility to check, on site, that the sign dimensions given in the signing schedule provide the required lateral and vertical clearances prior to the order and manufacture of the signs.
- The Contractor must confirm with the Engineer that no further amendments are to be made to the sign face details before ordering the manufacture of signs.
- The precise location of signs are to be confirmed on site by the Engineer prior to installation.
- Sign manufacturer must be a member of ARTSM.
- Materials NRT1 = Non-reflective, RA2+ Glass Bead, R2= Microprismatic, R3B= High Performance Microprismatic. (BS EN 12899-1:2007 with corrigendum October 2011)
- Temporary Traffic Signs such as 'New Road Layout Ahead Signs' TNP77 shall be removed 3 months after completion of new road layout.
- All signs are to be CE Marked.

Rev	Prepared by	Date	Checked by	Revision Comment
C1	CUN	09/02/2018	SF	Initial issue

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KEY

- EXISTING KERB LINE
- PROPOSED KERB/EDGING LINE
- PROPOSED DROPPED KERB
- PROPOSED ROAD MARKING
- PROPOSED BUFF COLOURED TACTILE PAVING
- PROPOSED CORDOUBY HAZARD WARNING PAVING
- JUNCTION VISIBILITY SPLAY 2.4m x 43m
- JUNCTION VISIBILITY SPLAY 2.4m x 25m
- 43m PEDESTRIAN VISIBILITY SPLAYS
- 25m PEDESTRIAN VISIBILITY SPLAYS
- 25m CYCLE VISIBILITY SPLAYS
- 11m FORWARD VISIBILITY AROUND BEND
- 14m FORWARD VISIBILITY AROUND BEND
- 17m FORWARD VISIBILITY AROUND BEND
- PEDESTRIAN INTERVISIBILITY SPLAY 2.4m x 2.4m
- PROPOSED TREES (REFER TO WYG LANDSCAPING DRAWINGS)
- PROPOSED SIGN
- PROPOSED SIGN REFERENCE
- SITE BOUNDARY

MAIN AVENUE WORKS SUBJECT TO S38 TECHNICAL REVIEW, APPROVAL AND AGREEMENT WITH WSCC

NOTES:

- Based on topographic survey by WYG drawing numbered GL/A040429/LAY/01.
- Site layout taken from PHTV drawing numbered 543_PL SITE LAYOUT, REV E.
- Landscaping layout taken from WYG drawing numbered LA101 Rev G.
- Any vegetation within the splays should be maintained to ensure that it does not extend beyond a vertical height of 0.6m.
- All works and materials shall comply with the Highways Agency Manual of Contract Documents for Highway Works (MCHW) and West Sussex County Council Standard details.

FOR CONSTRUCTION

rev.	amendment	checked	date
C2	In abeyance revision cloud removed. (IC)	SF	20/02/2018
C1	Signs added. (O3N)	SF	12/02/2018
T3	Site layout updated and abeyance area removed. (O3N)	SF	16/01/2018
T2	General update. (IC)	SF	01/12/2017
T1	Initial tender issue. (O3N)	SF	10/11/2017

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client
PERSIMMON HOMES THAMES VALLEY

project
**NORTH LITTLEHAMPTON PHASE 2
PARCEL C1 AND PART PARCELS B2, B4 & C2**

scale
1:250

drawn by
CUN

checked by
SF

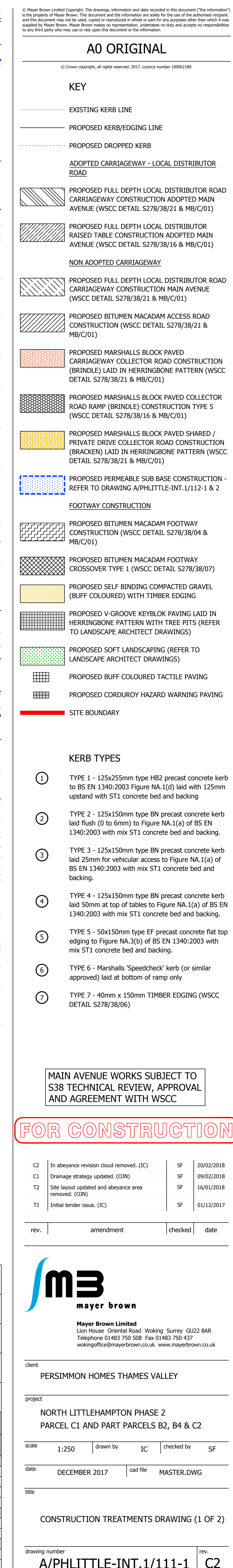
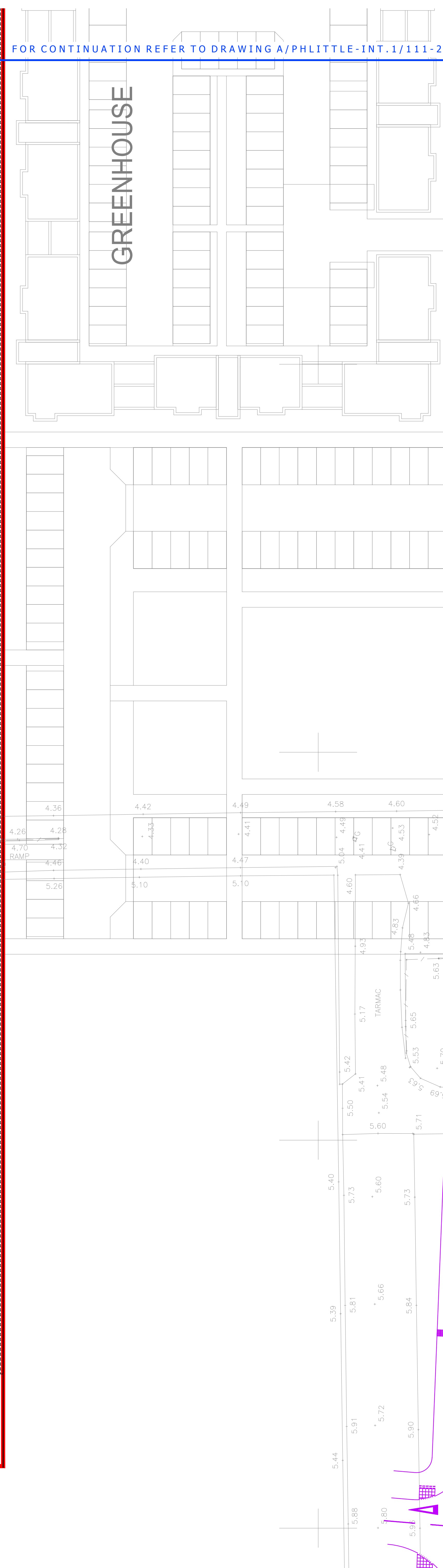
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NOVEMBER 2017

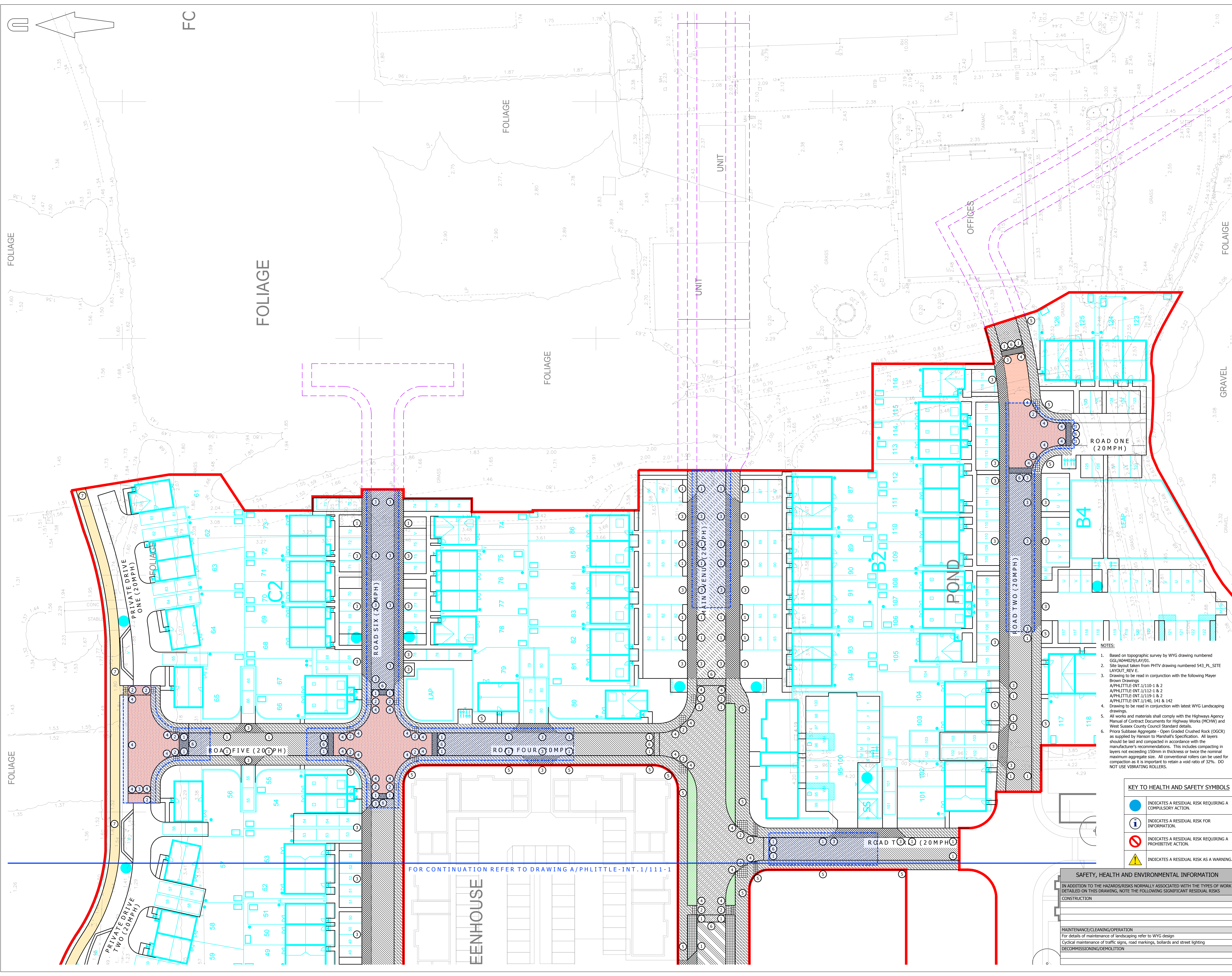
cad file
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title
GENERAL ARRANGMENT DRAWING (2 OF 2)

drawing number
A/PHLITTLE-INT.1/110-2

rev.
C2





A0 ORIGINAL

KEY

EXISTING KERB LINE

PROPOSED KERB/EDGING LINE

PROPOSED DROPPED KERB

ADOPTED CARRIAGEWAY - LOCAL DISTRIBUTOR ROAD

PROPOSED FULL DEPTH LOCAL DISTRIBUTOR ROAD CARRIAGEWAY CONSTRUCTION ADOPTED MAIN AVENUE (WSCC DETAIL S278/38/21 & MB/C/01)

PROPOSED FULL DEPTH LOCAL DISTRIBUTOR RAISED TABLE CONSTRUCTION ADOPTED MAIN AVENUE (WSCC DETAIL S278/38/16 & MB/C/01)

NON ADOPTED CARRIAGEWAY

PROPOSED FULL DEPTH LOCAL DISTRIBUTOR ROAD CARRIAGEWAY CONSTRUCTION MAIN AVENUE (WSCC DETAIL S278/38/21 & MB/C/01)

PROPOSED BITUMEN MACADAM ACCESS ROAD CONSTRUCTION (WSCC DETAIL S278/38/21 & MB/C/01)

PROPOSED MARSHALLS BLOCK PAVED CARRIAGEWAY COLLECTOR ROAD CONSTRUCTION (BRINDLE) LAID IN HERRINGBONE PATTERN (WSCC DETAIL S278/38/21 & MB/C/01)

PROPOSED MARSHALLS BLOCK PAVED COLLECTOR ROAD RAMP (BRINDLE) CONSTRUCTION TYPE 5 (WSCC DETAIL S278/38/16 & MB/C/01)

PROPOSED MARSHALLS BLOCK PAVED SHARED / PRIVATE DRIVE COLLECTOR ROAD CONSTRUCTION (BRACKEN) LAID IN HERRINGBONE PATTERN (WSCC DETAIL S278/38/21 & MB/C/01)

PROPOSED PERMEABLE SUB BASE CONSTRUCTION REFER TO DRAWING A/PHLITTLE-INT.1/112-1 & 2

FOOTWAY CONSTRUCTION

PROPOSED BITUMEN MACADAM FOOTWAY CONSTRUCTION (WSCC DETAIL S278/38/04 & MB/C/01)

PROPOSED BITUMEN MACADAM FOOTWAY CROSSOVER TYPE 1 (WSCC DETAIL S278/38/07)

PROPOSED SELF BINDING COMPACTED GRAVEL (BUFF COLOURED) WITH TIMBER EDGING

PROPOSED V-GROOVE KEYBOLK PAVING LAID IN HERRINGBONE PATTERN WITH TREE PITS (REFER TO LANDSCAPE ARCHITECT DRAWINGS)

PROPOSED SOFT LANDSCAPING (REFER TO LANDSCAPE ARCHITECT DRAWINGS)

PROPOSED BUFF COLOURED TACTILE PAVING

PROPOSED CORDUROY HAZARD WARNING PAVING

SITE BOUNDARY

KERB TYPES

1

TYPE 1 - 125x150mm type H2 precast concrete kerb to BS EN 1340:2003 Figure NA.1(d) laid with 125mm upstand with ST1 concrete bed and backing

2

TYPE 2 - 125x150mm type BN precast concrete kerb laid flush (0 to 5mm) to Figure NA.1(a) of BS EN 1340:2003 with mix ST1 concrete bed and backing

3

TYPE 3 - 125x150mm type BN precast concrete kerb laid 25mm for vehicular access to Figure NA.1(a) of BS EN 1340:2003 with mix ST1 concrete bed and backing

4

TYPE 4 - 125x150mm type BN precast concrete kerb laid 50mm at top of tables to Figure NA.1(a) of BS EN 1340:2003 with mix ST1 concrete bed and backing

5

TYPE 5 - 50x150mm type EF precast concrete flat top edging to Figure NA.3(b) of BS EN 1340:2003 with mix ST1 concrete bed and backing

6

TYPE 6 - Marshalls 'Speedcheck' kerb (or similar approved) laid at bottom of ramp up

7

TYPE 7 - 40mm x 150mm TIMBER EDGING (WSCC DETAIL S278/38/06)

MAIN AVENUE WORKS SUBJECT TO S38 TECHNICAL REVIEW, APPROVAL AND AGREEMENT WITH WSCC

FOR CONSTRUCTION

NOTES:

1. Based on topographic survey by WYG drawing numbered GS/04/04/02/LAY/01.

2. Site layout taken from PHIV drawing numbered 543_RL_SITE LAYOUT_REV 1.

3. Drawing to be read in conjunction with the following Mayer Brown Drawings:
A/PHLITTLE-INT.1/110-1 & 2
A/PHLITTLE-INT.1/112-1 & 2
A/PHLITTLE-INT.1/119-1 & 2
A/PHLITTLE-INT.1/140, 141 & 142

4. Drawing to be read in conjunction with latest WYG Landscaping drawings.

5. All works and materials shall comply with the Highways Agency Manual of Contract Documents for Highway Works (MCHW) and West Sussex County Council Standard details.

6. Prior to Subbase Aggregate - Open Graded Crushed Rock (OGCR) as supplied by Hanson to Marshalls Specification. All layers should be laid and compacted in accordance with the manufacturer's recommendations. This includes compacting in layers not exceeding 150mm in thickness or twice the nominal maximum aggregate size. All conventional rollers can be used for compaction as it is important to retain a void ratio of 32%. DO NOT USE VIBRATING ROLLERS.

KEY TO HEALTH AND SAFETY SYMBOLS

1

INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION.

2

INDICATES A RESIDUAL RISK FOR INFORMATION.

3

INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION.

4

INDICATES A RESIDUAL RISK AS A WARNING.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS

CONSTRUCTION

MAINTENANCE/CLEANING/OPERATION
For details of maintenance of landscaping refer to WYG design
Cyclical maintenance of traffic signs, road markings, bollards and street lighting

DECOMMISSIONING/DEMOLITION

client

PERSIMMON HOMES THAMES VALLEY

project

NORTH LITTLEHAMPTON PHASE 2
PARCEL C1 AND PART PARCELS B2, B4 & C2

scale

1:250

drawn by

OJN

checked by

SF

date

NOVEMBER 2017

cad file

MASTER.DWG

title

CONSTRUCTION TREATMENTS DRAWING (2 OF 2)

drawing number

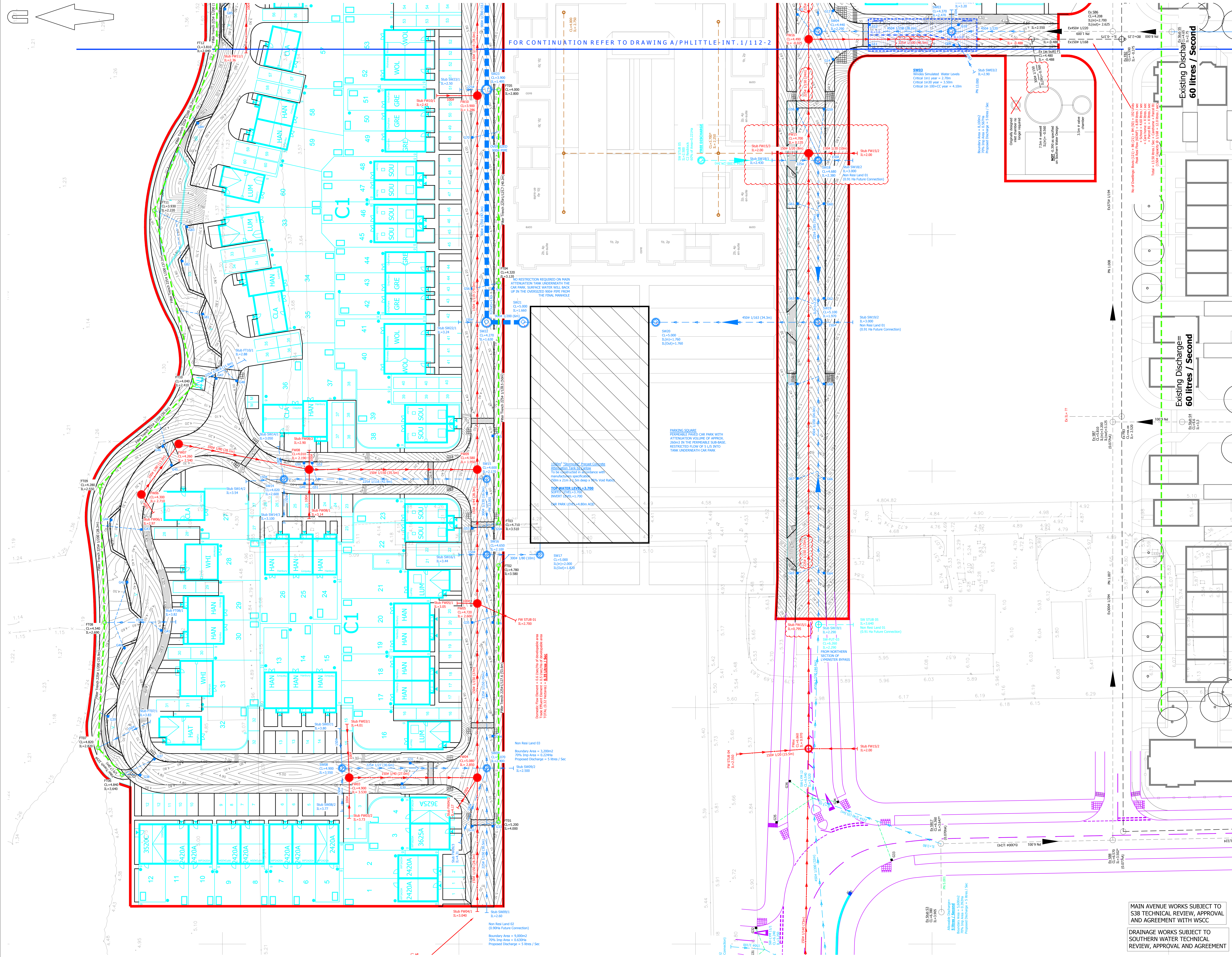
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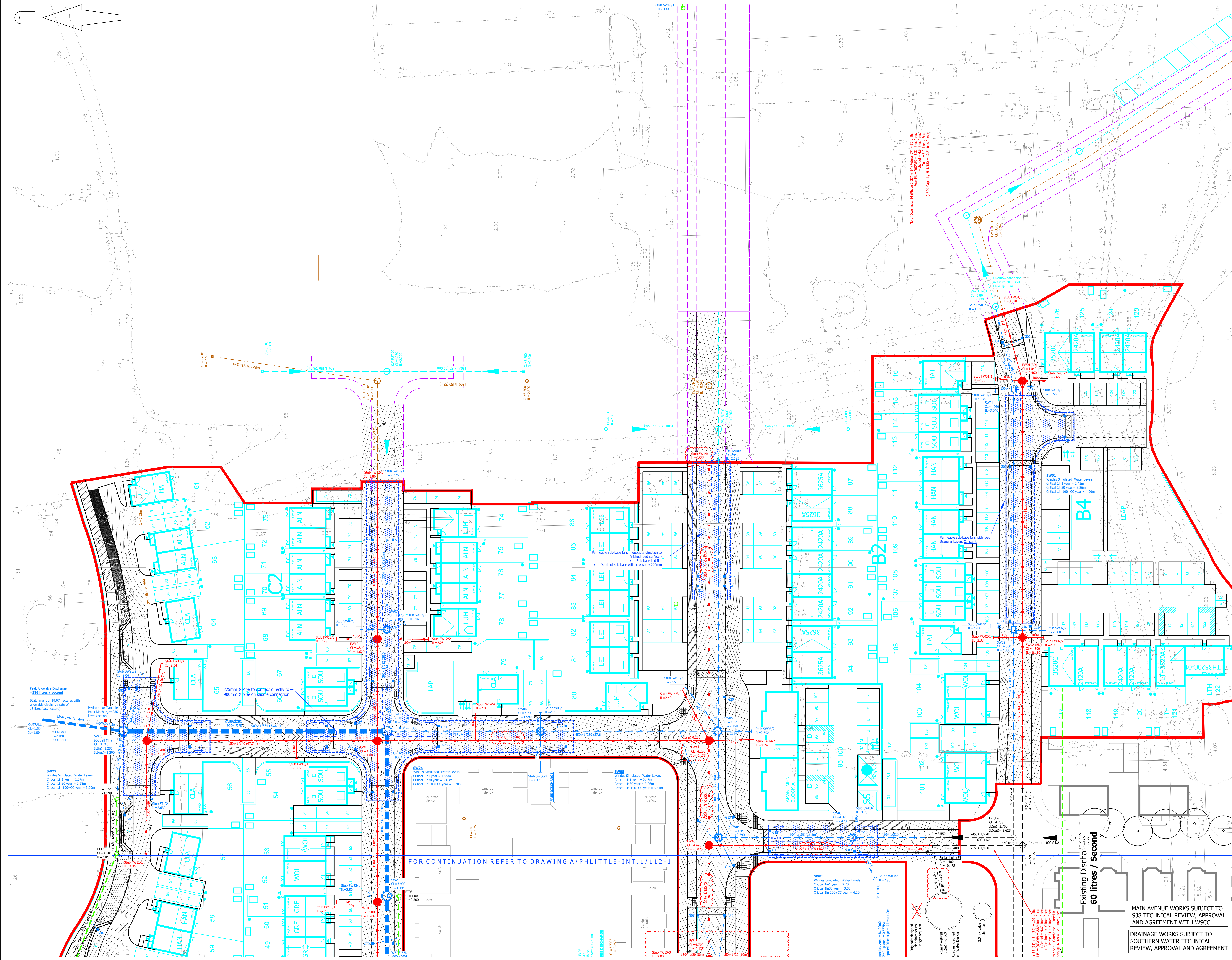
rev.

C2

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SURFACE WATER KEY

- | | |
|---|--|
|  | PROPOSED SEWER AND MANHOLE |
|  | PROPOSED OVERSIZED PIPE |
|  | PROPOSED GULLY AND GULLY CONNECTION |
|  | OUTLINE OF PERMEABLE SURFACE BENEATH CARRIAGEWAY (REFER TO DETAILS A/PHILITE-INT./1.MB/F/02) |
|  | PROPOSED DISPERSION PIPE INTO SUBSURFACE (REFER TO DETAIL A/PHILITE-INT./1.MB/F/02) |
|  | PROPOSED COLLECTION DRAIN WITHIN CARRIAGEWAY (REFER TO DETAIL A/PHILITE-INT./1.MB/F/02) |
|  | PROPOSED ATTENUATION TANK |
|  | PROPOSED FILTER TRENCH |
|  | EXISTING SEWER AND MANHOLE |
|  | PROPOSED SEWER AND MANHOLE FOR FUTURE PLOTS |

FOUL WATER KEY

-  PROPOSED SEWER AND MANHOLE
 PROPOSED BACKDROP MANHOLE
 EXISTING SEWER AND MANHOLE
 PROPOSED SEWER AND MANHOLE FOR FUTURE PLOTS
 SITE BOUNDARY

NOTES:

2. This drawing is not to be scaled
3. This drawing is to be read in conjunction with the MIA Contract Conditions of Sale and the WRC drawing reference 6691-01, released on 30/11/2017.
4. This drawing is to be read in conjunction with the latest revision of the "Graphic Symbols and Drawing Reference" by WYG in July 2008, drawing number GGL/A04/020/LAY/01.
5. Site layout taken from PH17Y drawing numbered 543_P_SITE
6. The proposed road and footpath levels have been set to ensure they are a minimum of 300mm above the nearest 1-in-100 dry flood level as described in the WVG Flood Risk Assessment report. The finished floor levels of the proposed dwellings will be above the adjacent road and footpath levels to ensure they are a minimum of 300mm above the highest flood level.
7. All on-site culverts and drainage works constructed in accordance with the Mayer Brown Limited Specification, details and schedules.
8. Proprietary items are to be constructed in accordance with manufacturers recommendations / requirements.
9. All drains and manholes shall be installed in accordance with the requirements of the Local Authority, the Environment Agency and in conjunction with all relevant British Standards, Codes of Practice and Drawings.
10. All drains as positions of existing drains / chambers / sewers identified and appropriate connections to be made must be checked and confirmed to the engineer prior to the commencement of any work.
11. All drains, manholes and catchpits are soffit to soffit unless noted otherwise. Invert level shown is outlet pipe.
12. Any part of the existing drainage system to be retained as part of the scheme shall be thoroughly examined and inspected. Any structural defects shall be repaired using appropriate and approved materials.
13. All drainage shall comply with the typical details and the requirements of BS EN 752 and Part H of the Building Regulations.
14. All runs connecting into the public drainage network to be vented day, extra length to BS EN 752 or B855 with plain end fitted fixed flow restrictor.
15. All precast concrete units used in the drainage works shall be manufactured using sulphate resisting cement.
16. Manhole covers shall be cast iron or stainless steel 24" and shall be kitemarked. The strength classes of covers are shown in the manhole schedules.
17. Cover levels are to be adjusted locally to suit finished ground conditions.
18. HEALTH AND SAFETY: The works shall be carried out by specialist contractors who are experienced contractors who are members of a recognised national organisation. Operatives shall have received full and appropriate training for the operations they are to undertake.
19. All workers shall be fully briefed on the project and its objectives in accordance with all pertinent Health and Safety Regulations.
20. All works and materials shall comply with the Highways Agency Manual of Contract Documents and Conditions of Work (MCHW) and West Sussex County Council Standard Details.

FOR CONSTRUCTION

C3	Foul drainage altered, refer to revision clouds. (ON)	SF	14/03/01
C2	Drainage strategy updated and in abeyance revision cloud removed. (IC)	SF	20/02/01
C1	Drainage strategy updated. (ON)	SF	09/02/01
T4	Notes updated. (ON)	SF	23/01/01
T3	Site layout updated and abeyance area removed. (ON)	SF	16/01/01
T2	General update. (IC)	SF	01/12/01
T1	Initial tender issue. (ON)	SF	10/11/01

rev.	amendment	checked	date
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client
PERSIMMON HOMES THAMES VALLEY

project

NORTH LITTLEHAMPTON PHASE 2
PARCEL C1 AND PART PARCELS B2, B4 & C2

scale	1:250	drawn by	OJN	checked by
date	NOVEMBER 2017	cad file	MACTED.DWG	

title

DRAINAGE GENERAL ARRANGEMENT (2 OF 2)

drawing number	rev.
A/PHLITTLE-INT.1/112-2	C3

A1 ORIGINAL

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NOTES

- Carriageway sub-base and capping layer thicknesses are to be determined in accordance with the WSCC detail numbered S278/38/21, unless otherwise agreed.
- The CBR of the subgrade been assumed to be 2%. The Contractor is responsible for determining the subgrade CBR values prior to commencement of the works via long term laboratory testing. The CBR test locations, values and hence the road foundation thicknesses shall be agreed in writing with the Highway Authority prior to constructing these elements.
- No material within 450mm of the carriageway surface shall be frost susceptible.
- Where directed by the Engineer the Contractor shall carry out additional testing in order to prove the CBR value of the sub-grade material.
- This drawing is to be read in conjunction with MBL detail reference PHLITTLE-INT.2_MB/F/02 that shows how surface run-off is discharged into and collected from the OGCR permeable sub-base.
- All works and materials shall comply with the Highways Agency Manual of Contract Documents for Highway Works (MCHW) and West Sussex County Council Standard details.

WSCC ADOPTABLE ESTATE ROADS

- IN ACCORDANCE WITH WSCC S278/38/21
- MAIN AVENUE - LOCAL DISTRIBUTOR
- BASED UPON 2% CBR

FLECEBLE CARRIAGEWAY & FLECEBLE RAISED TABLE

- SURFACE: 50mm
- BINDER: 60mm
- BASE: 150mm
- TYPE 1: 150mm
- 6F CAPPING: 600mm

NON ADOPTABLE ESTATE ROADS

STANDARD CONSTRUCTION

- IN ACCORDANCE WITH ACCORDANCE WITH WSCC S278/16, -/21 AND MBL DETAIL REFERENCE MB/C/01
- ACCESS ROAD (<200 DWELLINGS)
- BASED UPON 2% CBR

FLECEBLE CARRIAGEWAY

- SURFACE: 30mm
- BINDER: 60mm
- BASE: 100mm
- TYPE 1: 150mm
- 6F CAPPING: 600mm

BLOCK PAVED RAISED TABLE

- BLOCK: 80mm BLOCK
- SAND: 30mm SAND
- BASE: 100mm
- TYPE 1: 150mm
- 6F CAPPING: 655mm

NON ADOPTABLE ESTATE ROADS

PERMEABLE SUB-BASE CONSTRUCTION

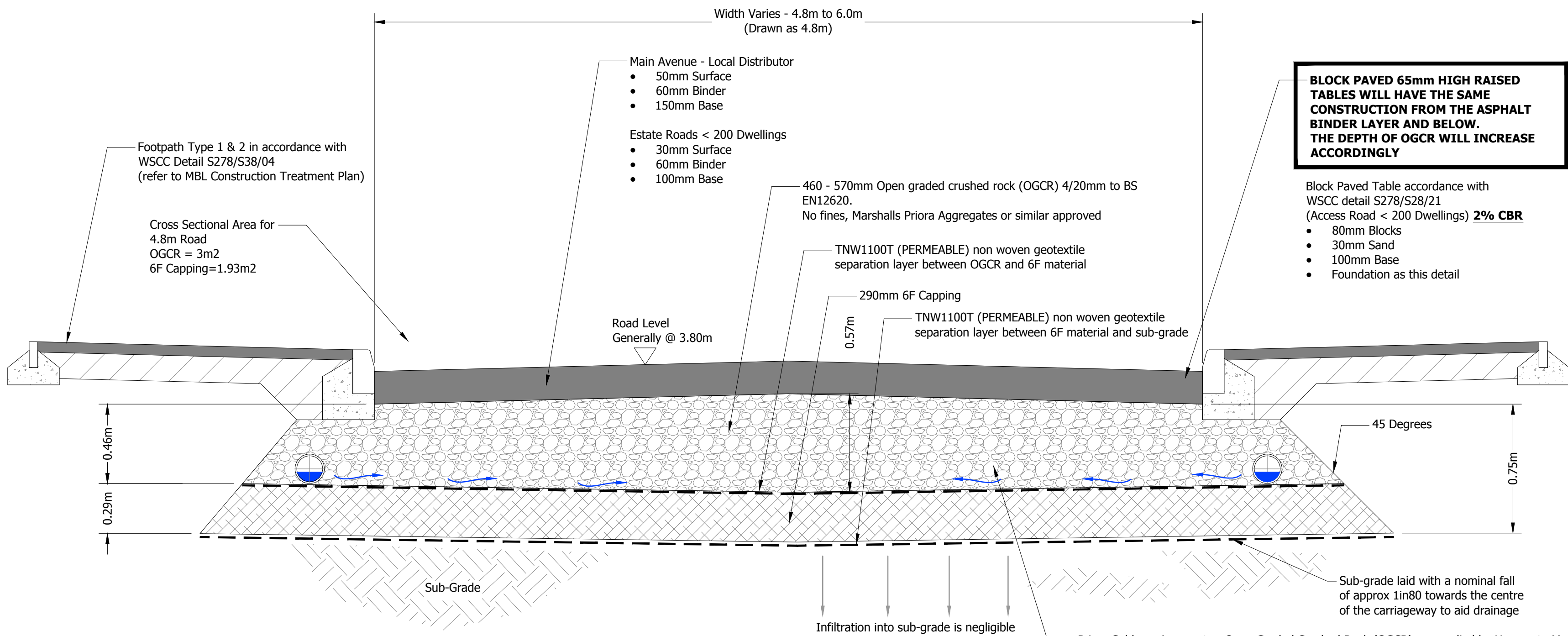
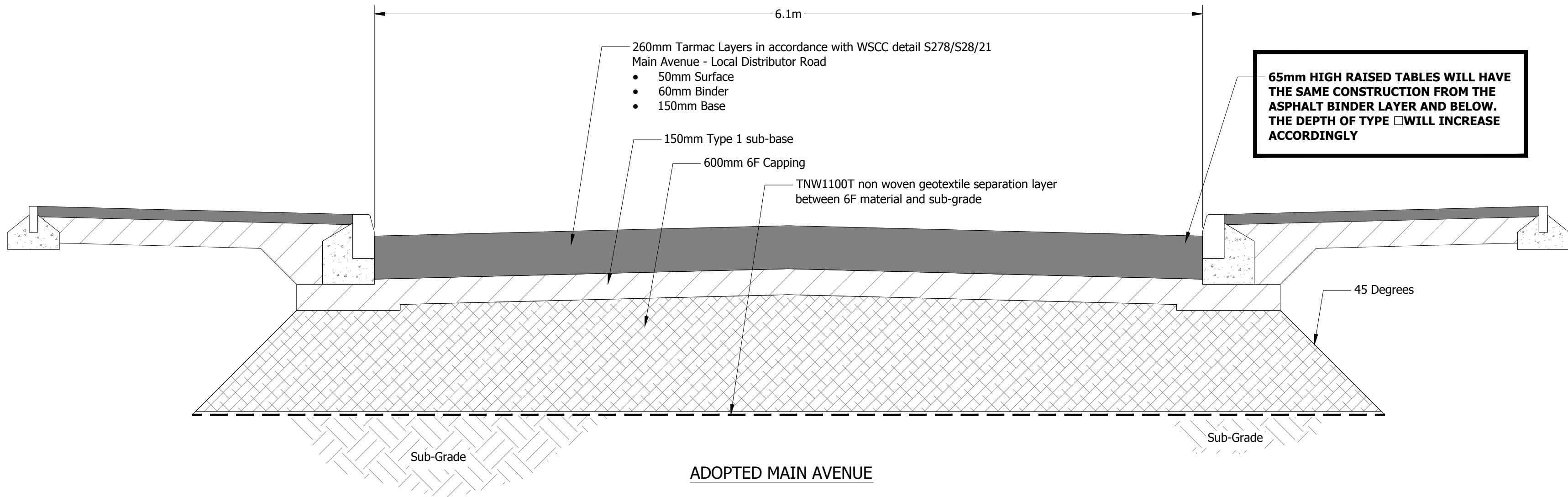
- SURFACING IN ACCORDANCE WITH WSCC S278/38/21 AND MBL DETAIL REFERENCE MB/C/01 AND MB/F/02
- ACCESS ROAD (<200 DWELLINGS)
- BASED UPON 2% CBR

FLECEBLE CARRIAGEWAY

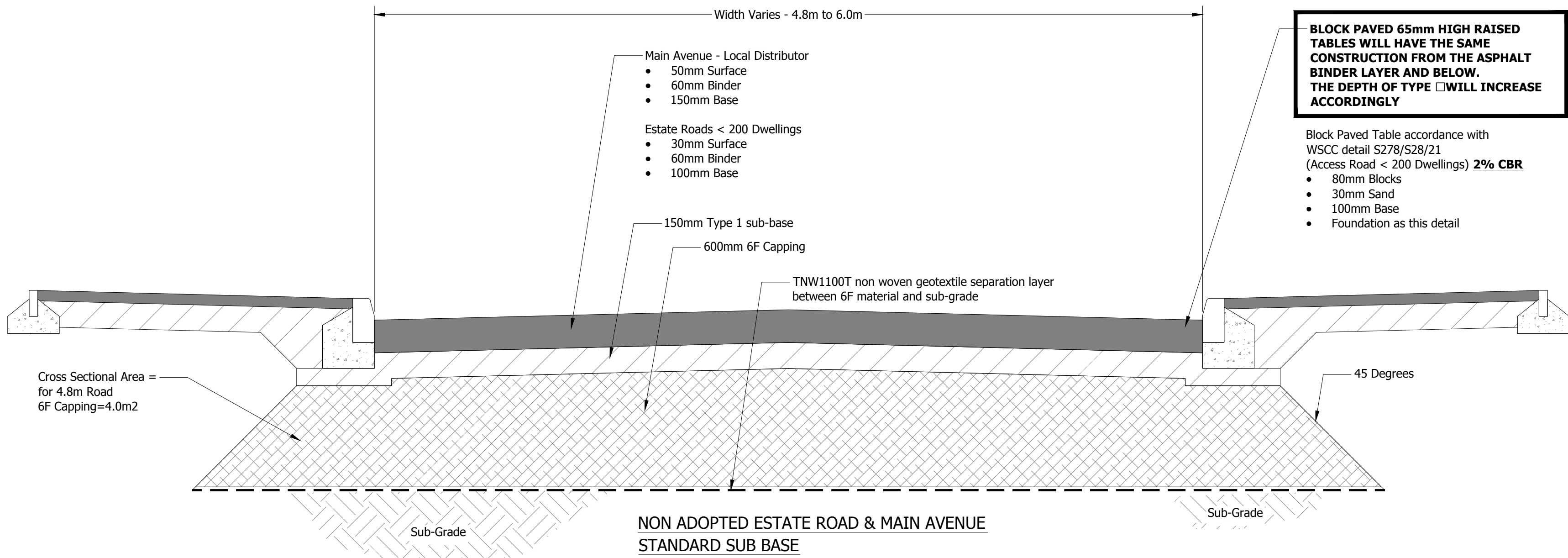
- SURFACE: 30mm
- BINDER: 60mm
- BASE: 100mm
- TYPE 1: 150mm
- OPEN GRADED CRUSHED ROCK: 460mm min.
- 6F CAPPING: 290mm

BLOCK PAVED RAISED TABLE

- BLOCK: 80mm BLOCK
- SAND: 30mm SAND
- BASE: 100mm
- TYPE 1: 150mm
- OPEN GRADED CRUSHED ROCK: 505mm min.
- 6F CAPPING: 290mm



NON ADOPTED ESTATE ROAD & MAIN AVENUE PERMEABLE SUB-BASE



NON ADOPTED ESTATE ROAD & MAIN AVENUE STANDARD SUB BASE

FOR CONSTRUCTION

C2	References to flood levels on permeable sub-base roads removed. Note about attenuation within sub-base removed	SF	03/01/19
C1	Construction issue. (ON)	SF	09/02/18
T1	Initial issue. (SF)	SF	08/02/18

rev.	amendment	checked	date
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client
PERSIMMON HOMES THAMES VALLEY

project
NORTH LITTLEHAMPTON PHASE 2
PARCEL C1 AND PART PARCEL B2, B4 AND C2

scale 1:20 drawn by SF checked by SF

date FEBRUARY 2018 cad file MBC01.DWG

title
ADOPTED & NON ADOPTED ROADS
CONSTRUCTION DETAILS

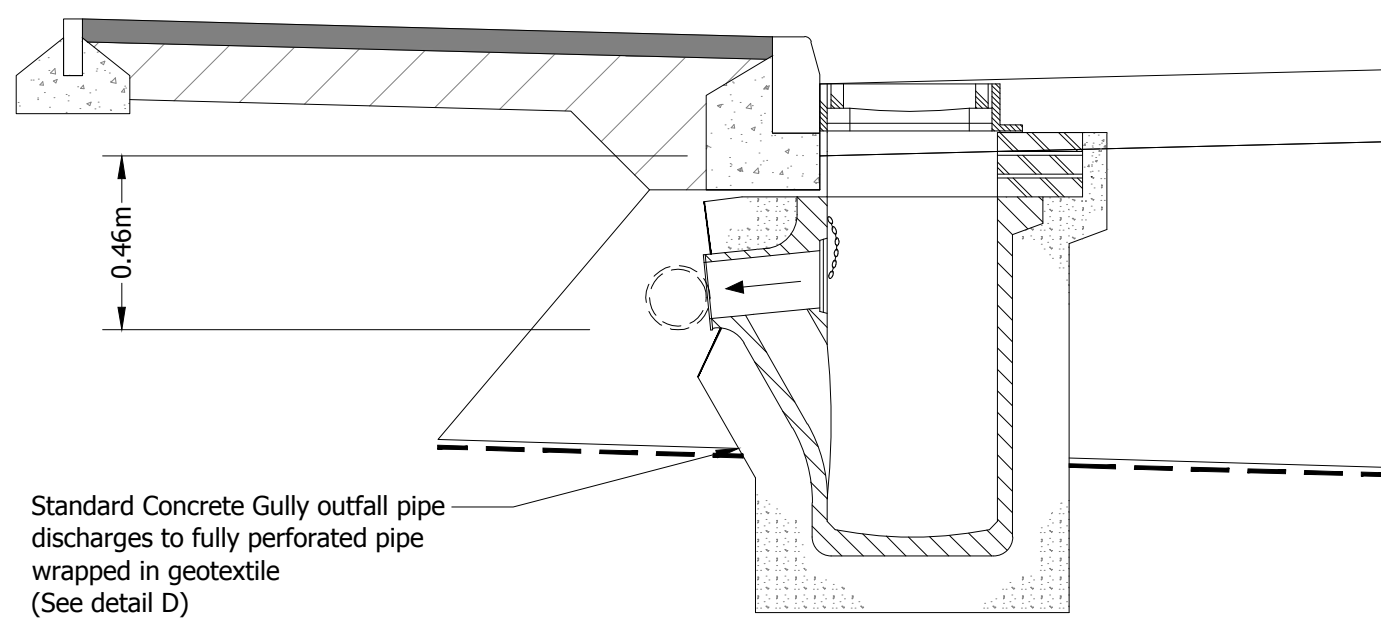
drawing number A/PHLITTLE-INT.2_MB/C/01 rev. C2

A1 ORIGINAL

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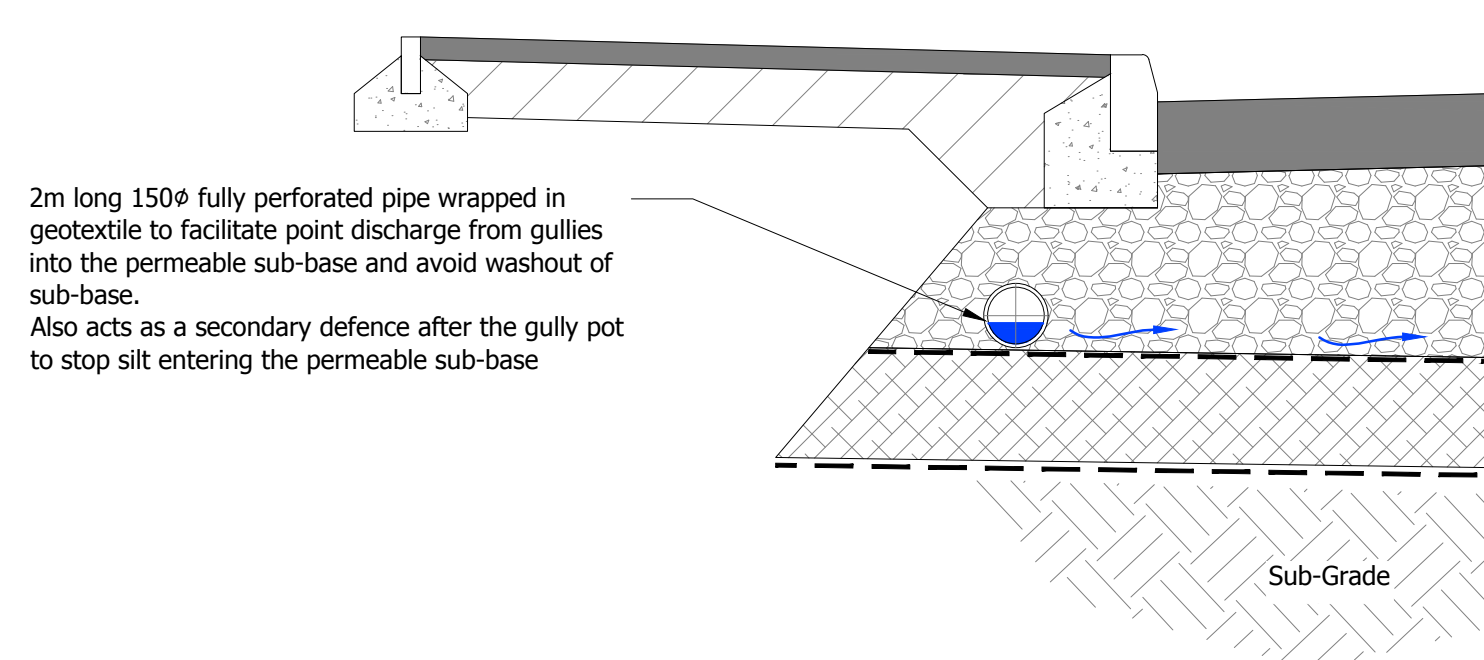
NOTES

1. Carriageway sub-base and capping layer thicknesses are to be determined in accordance with the WSCC detail numbered S278/38/21, unless otherwise agreed.
2. The CBR of the subgrade has been assumed to be 2%. The Contractor is responsible for determining the subgrade CBR values prior to commencement of the works via long term laboratory testing. The CBR test locations, values and hence the road foundation thicknesses shall be agreed in writing with the Highway Authority prior to constructing these elements.
3. No material within 450mm of the carriageway surface shall be frost susceptible.
4. Where directed by the Engineer the Contractor shall carry out additional testing in order to prove the CBR value of the sub-grade material.
5. All works and materials shall comply with the Highways Agency Manual of Contract Documents for Highway Works (MCHW) and West Sussex County Council Standard details.

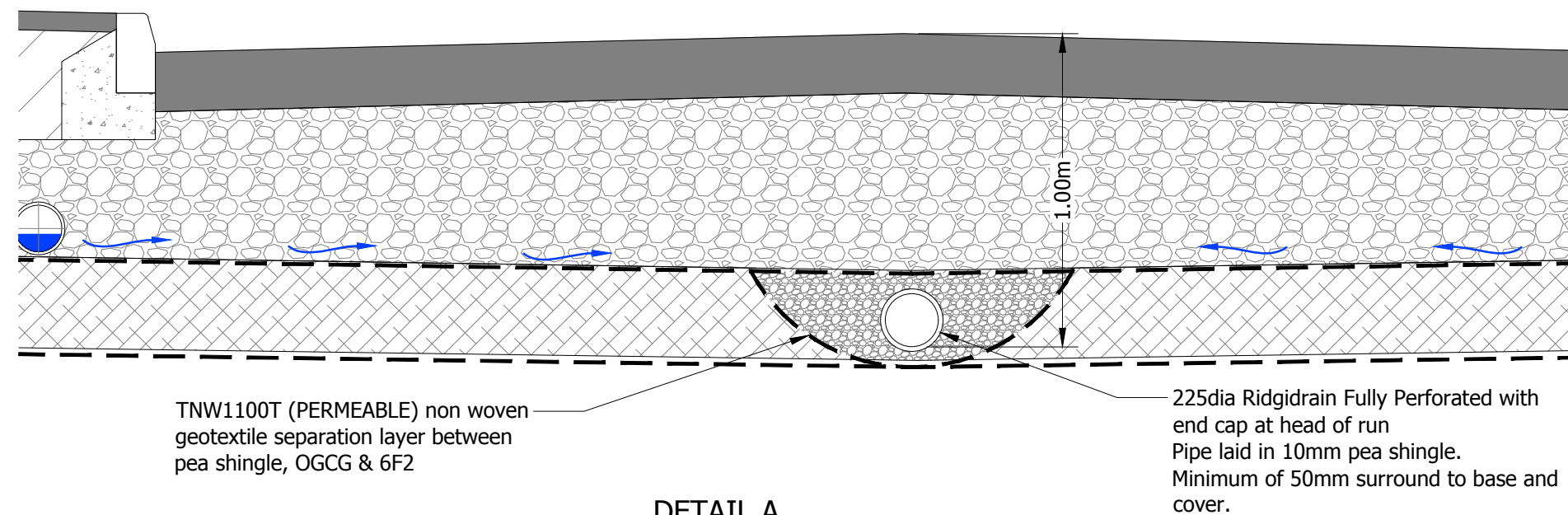


DETAIL C

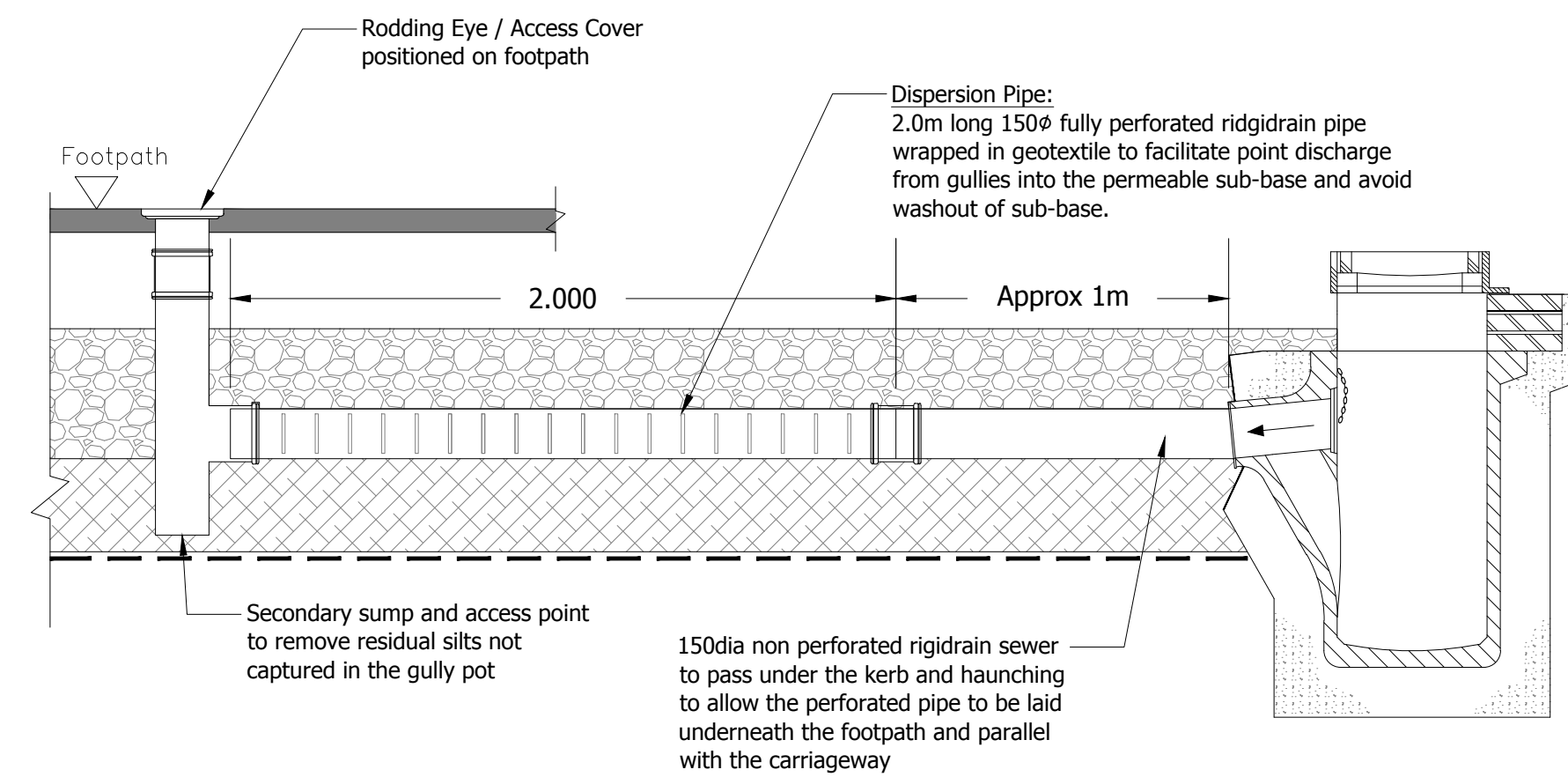
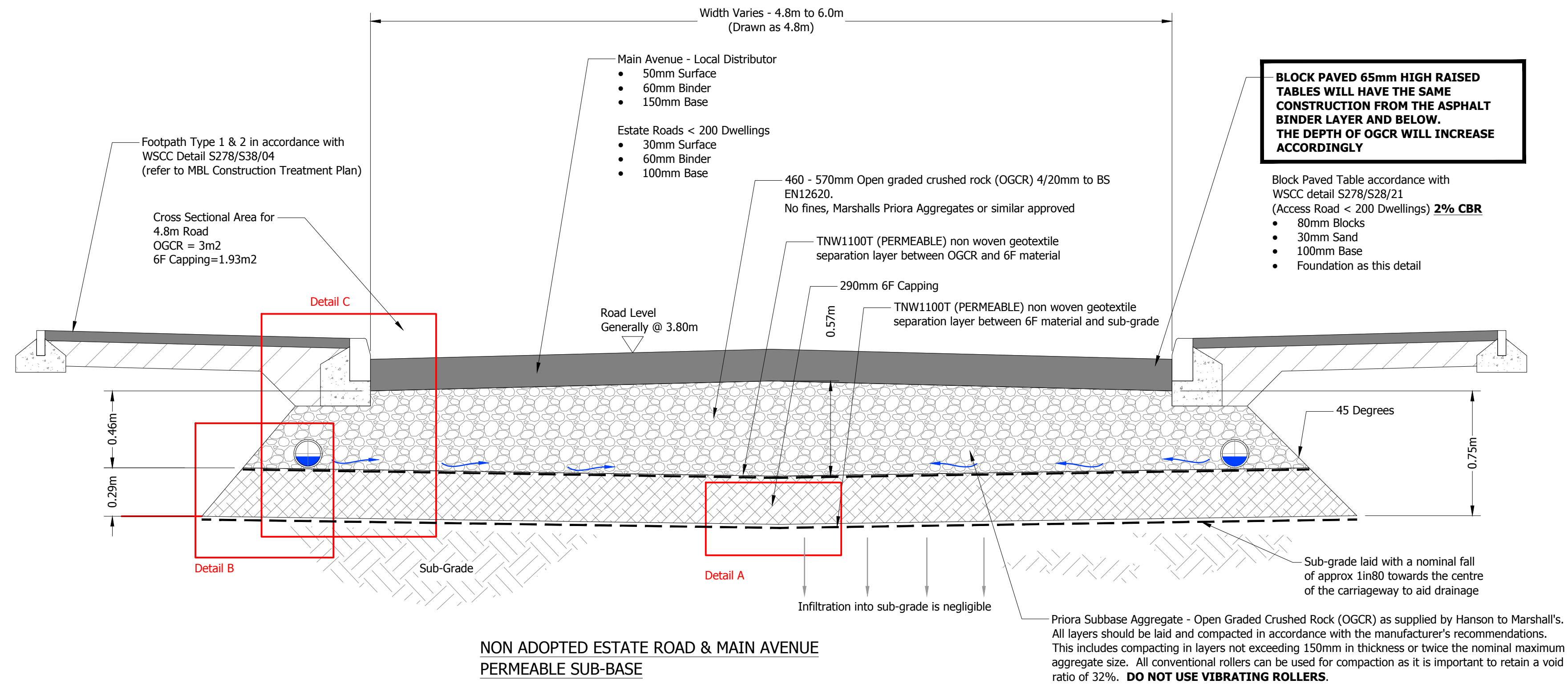
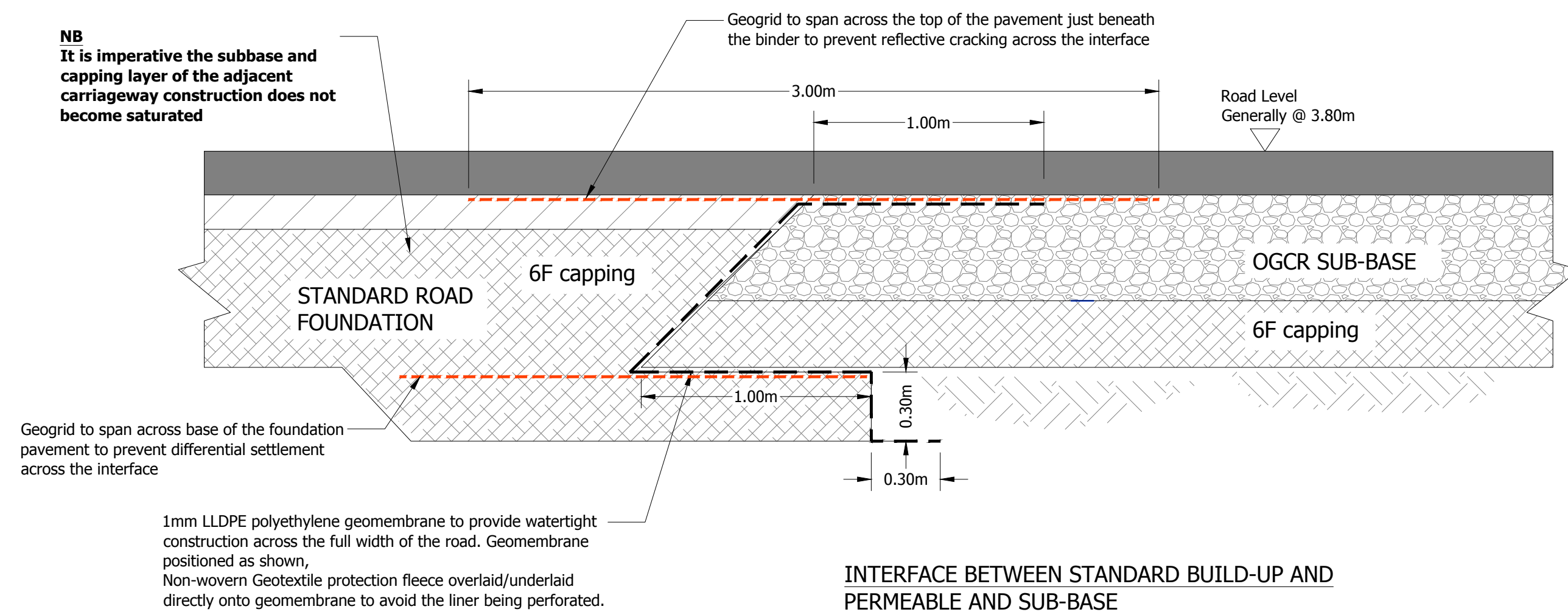
GULLY CONNECTION INTO PERMEABLE SUB-BASE



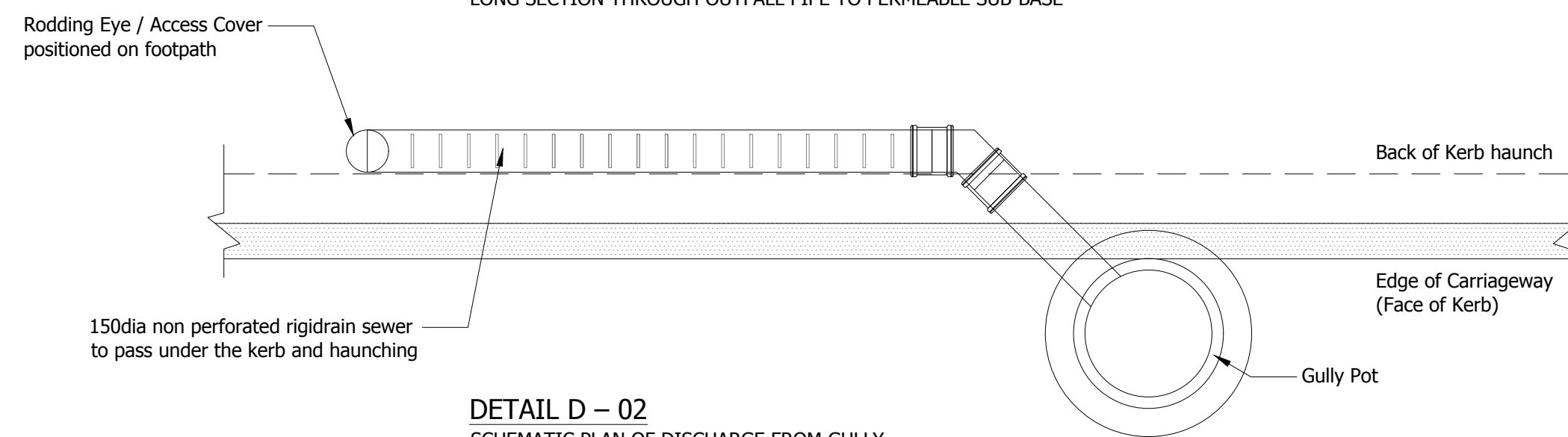
DETAIL B
PERFORATED DISPERSION PIPE WITHIN SUB-BASE



DETAIL A
COLLECTION PIPE TO DISCHARGE INTO SEWERS
FALLING IN OPPOSITE DIRECTION TO CARRIAGEWAY



DETAIL D - 01
LONG SECTION THROUGH OUTFALL PIPE TO PERMEABLE SUB-BASE



DETAIL D – 02
SCHEMATIC PLAN OF DISCHARGE FROM GULLY

(FOR CONSTRUCTION)

C2	References to flood levels on permeable sub-base roads removed. (OJN)	SF	10/01/2019
C1	Construction issue. (OJN)	SF	09/02/18
T1	Initial issue. (SF)	SF	08/02/18

rev.	amendment	checked	date
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PERSIMMON HOMES THAMES VALLEY

project

NORTH LITTLEHAMPTON PHASE 2
PARCEL C1 AND PART PARCEL B2, B4 AND C2

scale	1:20	drawn by	SF	checked by	SF
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date	FEBRUARY 2018	cad file	MBC01.DWG
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title

PERMEABLE SUB-BASE ROAD
CONSTRUCTION DETAILS

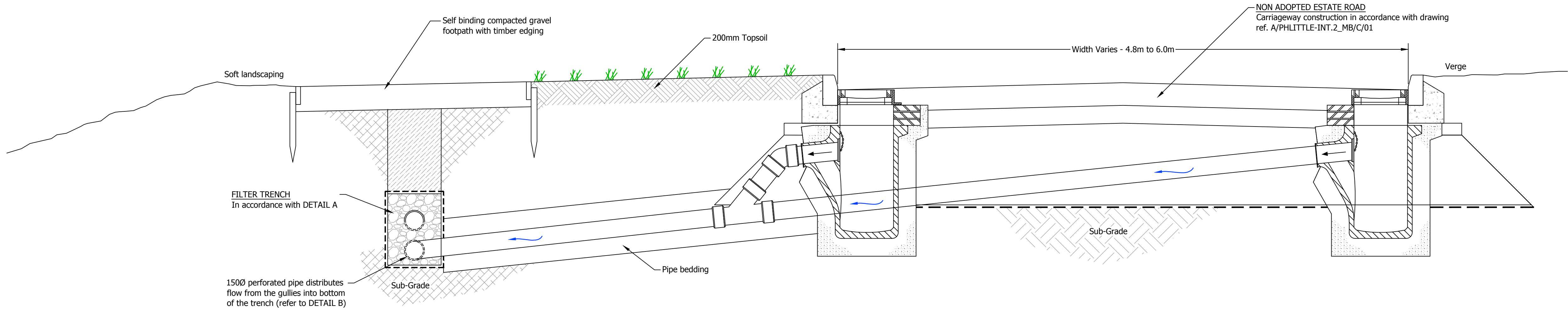
drawing number	rev.
A/PHLITTLE-INT.2_MB/F/02	C2

NOTES

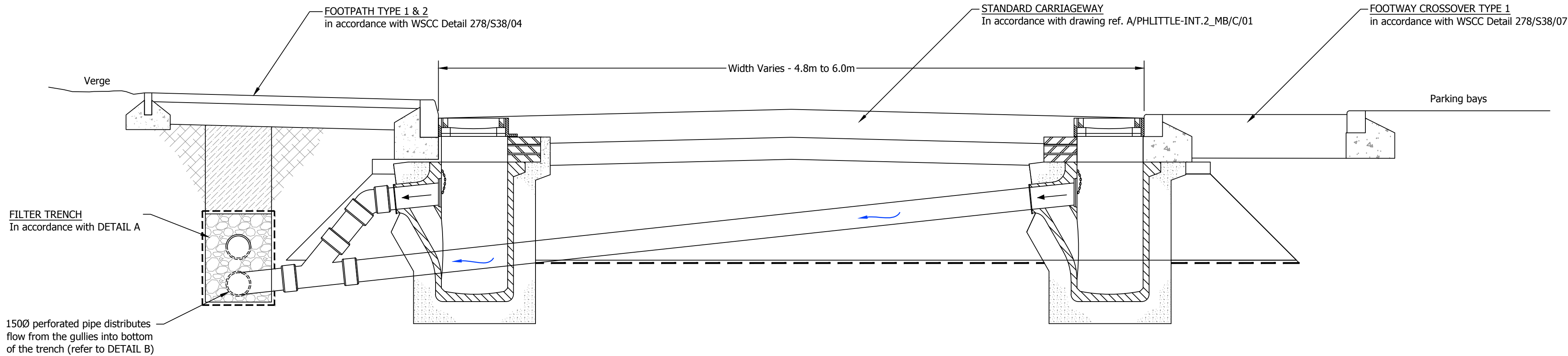
- This drawing is not to be scaled.
- To be read in conjunction with:
Drainage General Arrangement drawing reference
A/PHLITTLE-INT.1/112-1, -/2C

Construction Treatments drawing reference
A/PHLITTLE-INT.1/111-1, -/2C

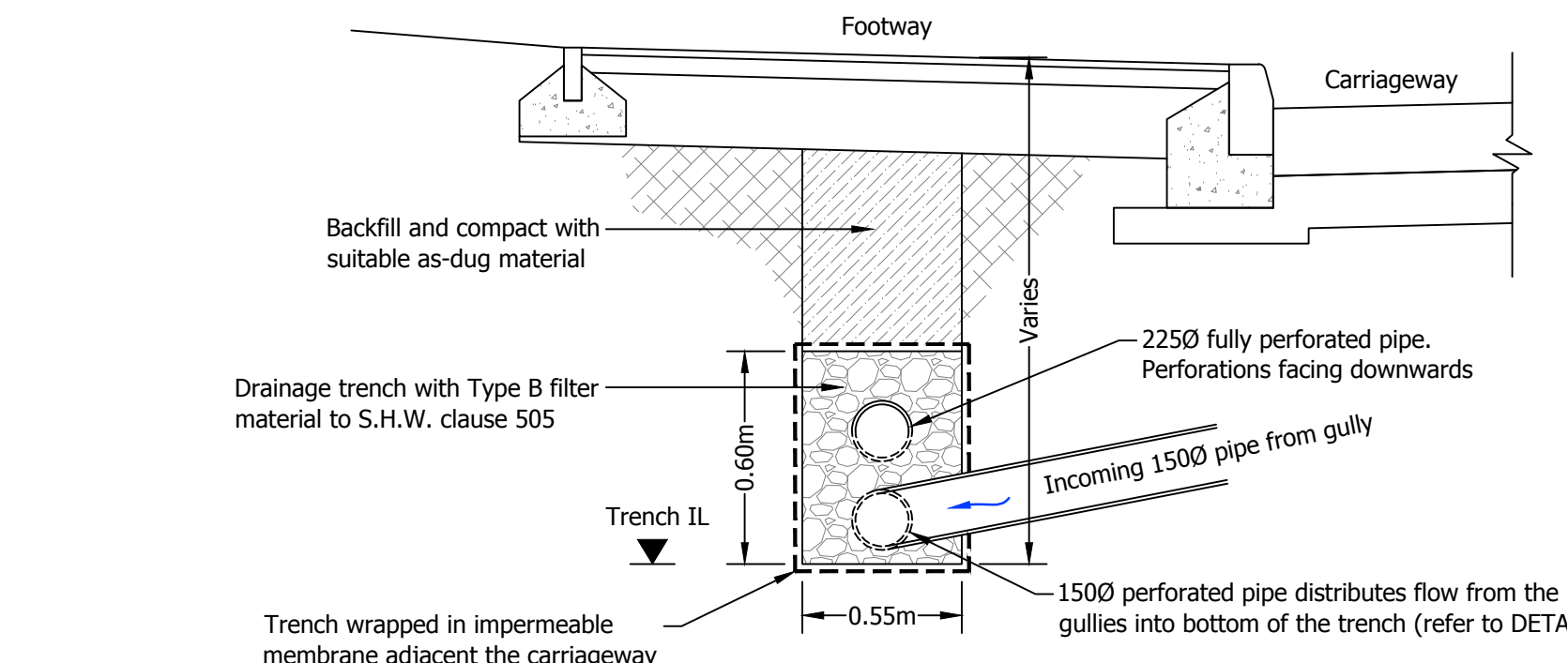
Adopted & Non Adopted Roads Construction Details drawing
reference A/PHLITTLE-INT.2_MB/C/01.



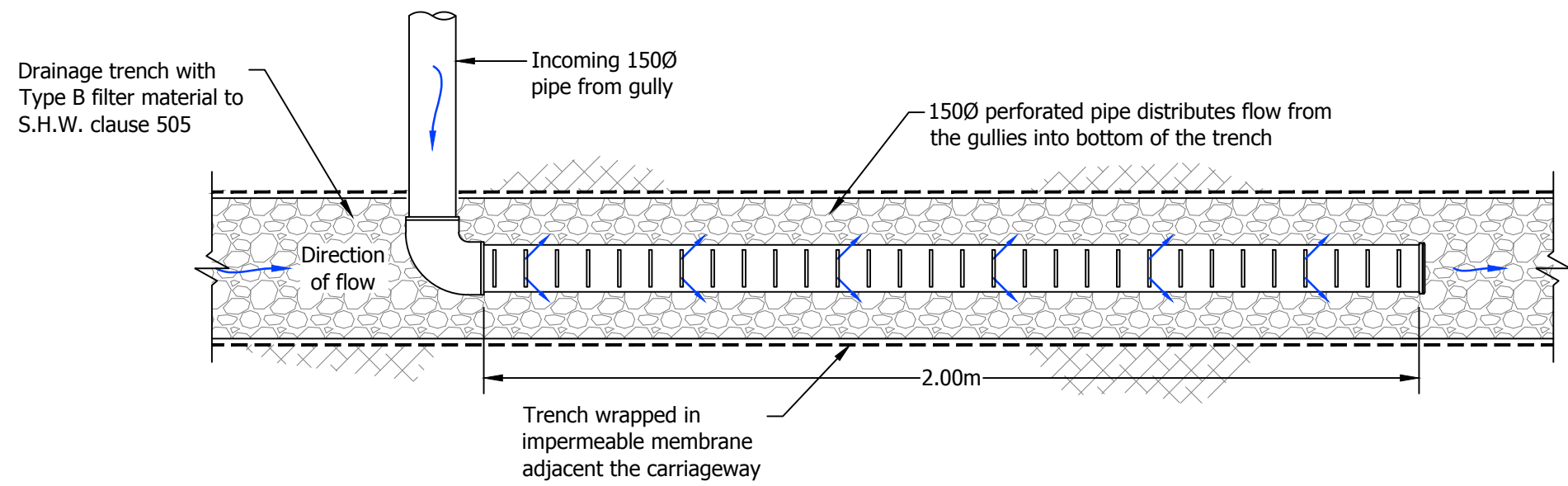
TYPICAL CROSS SECTION THROUGH FILTER TRENCH AND ESTATE ROAD



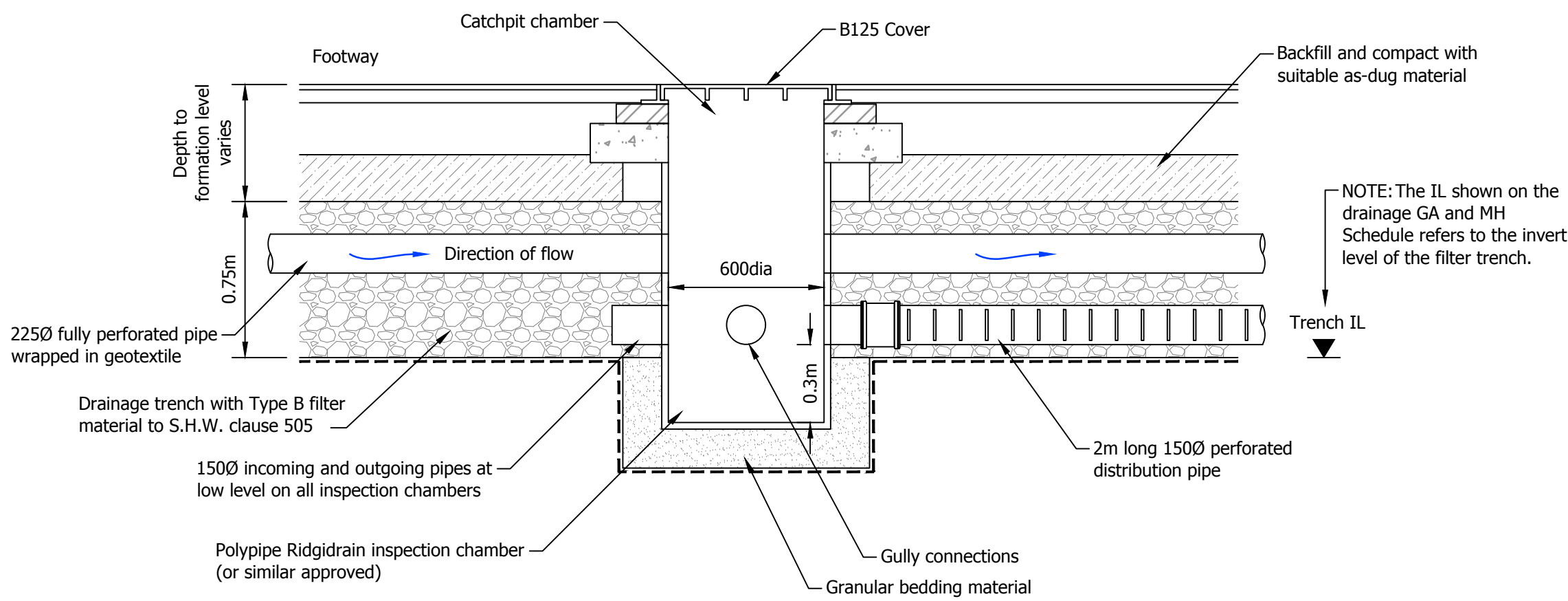
TYPICAL CROSS SECTION THROUGH FILTER TRENCH AND ROAD 6



DETAIL A: FILTER TRENCH CROSS SECTION



DETAIL B: DISTRIBUTION PIPE PLAN VIEW



DETAIL C: LONG SECTION THROUGH FILTER TRENCH AND INSPECTION CHAMBER

FOR CONSTRUCTION

C1	Initial construction issue. (IC)	SF	20/02/2018
rev.	amendment	checked	date

mb
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client	PERSIMMON HOMES THAMES VALLEY		
project	NORTH LITTLEHAMPTON PHASE 2 PARCEL C1 AND PART PARCELS B2, B4 AND C2		
scale	1:20	drawn by	IC checked by SF
date	FEBRUARY 2018	cad file	MBC01.DWG
title	FILTER TRENCH CONSTRUCTION DETAIL		
drawing number	A/PHLITTLE-INT.2_MB/F/03		rev. C1

APPENDIX P: Drawings, Parcel B3 & B5: Civil & Drainage

