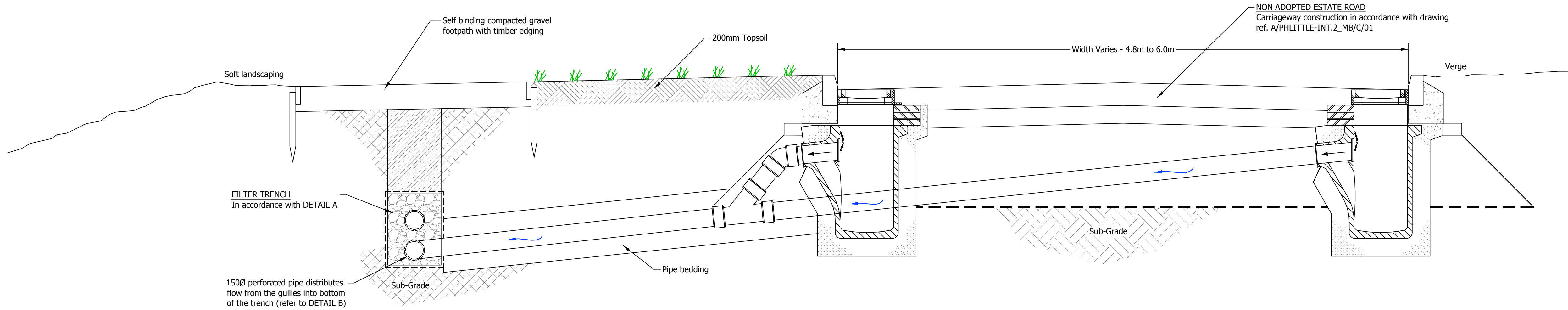


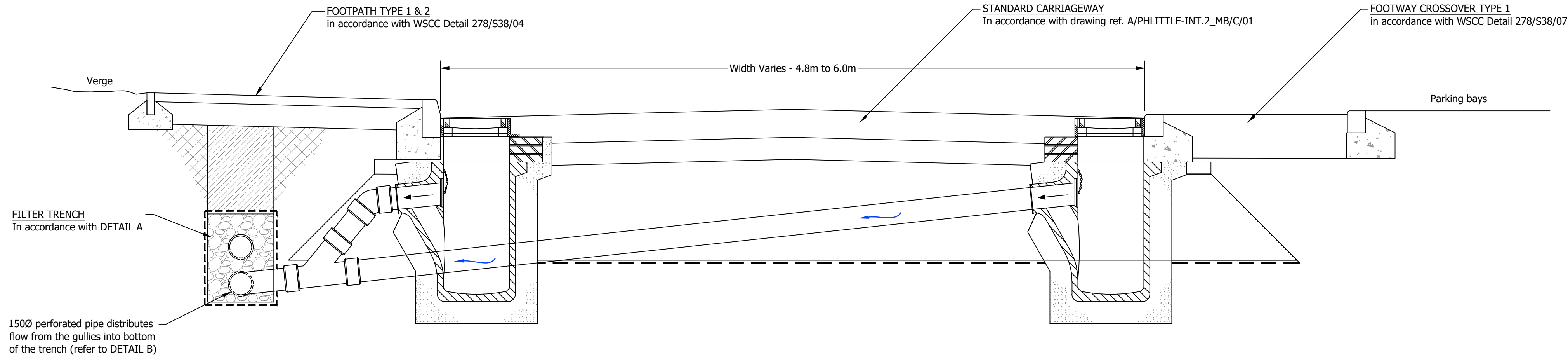
APPENDIX J: Permeable Sub-base Road & Filter Trenches

NOTES

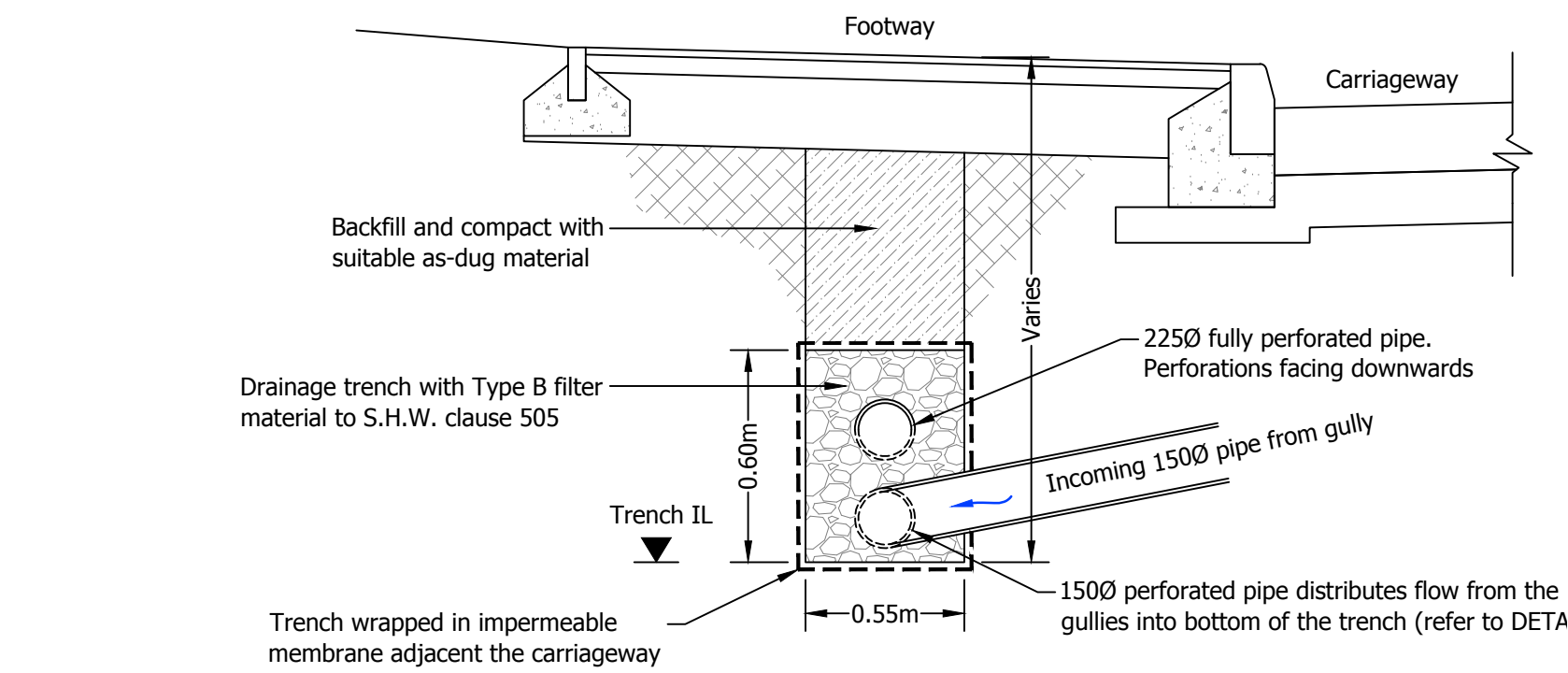
- This drawing is not to be scaled.
- To be read in conjunction with:
Drainage General Arrangement drawing reference
A/PHLITTLE-INT.1/112-1, -/2;
Construction Treatments drawing reference
A/PHLITTLE-INT.1/111-1, -/2;
Adopted & Non Adopted Roads Construction Details drawing
reference A/PHLITTLE-INT.2_MB/C/01.



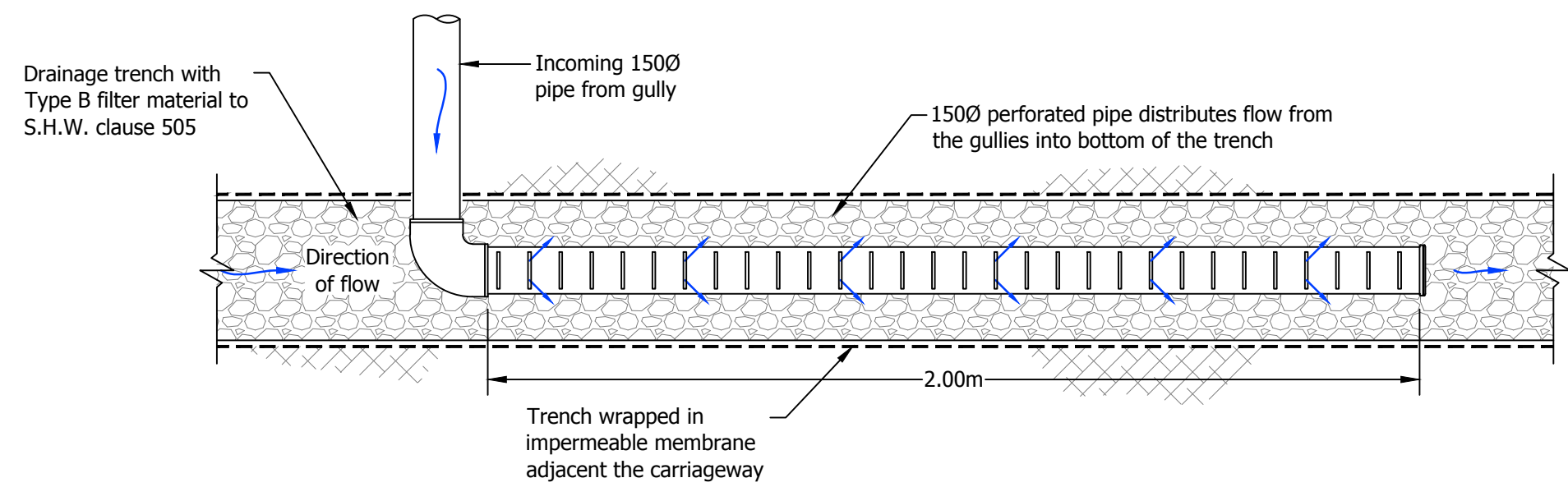
TYPICAL CROSS SECTION THROUGH FILTER TRENCH AND ESTATE ROAD



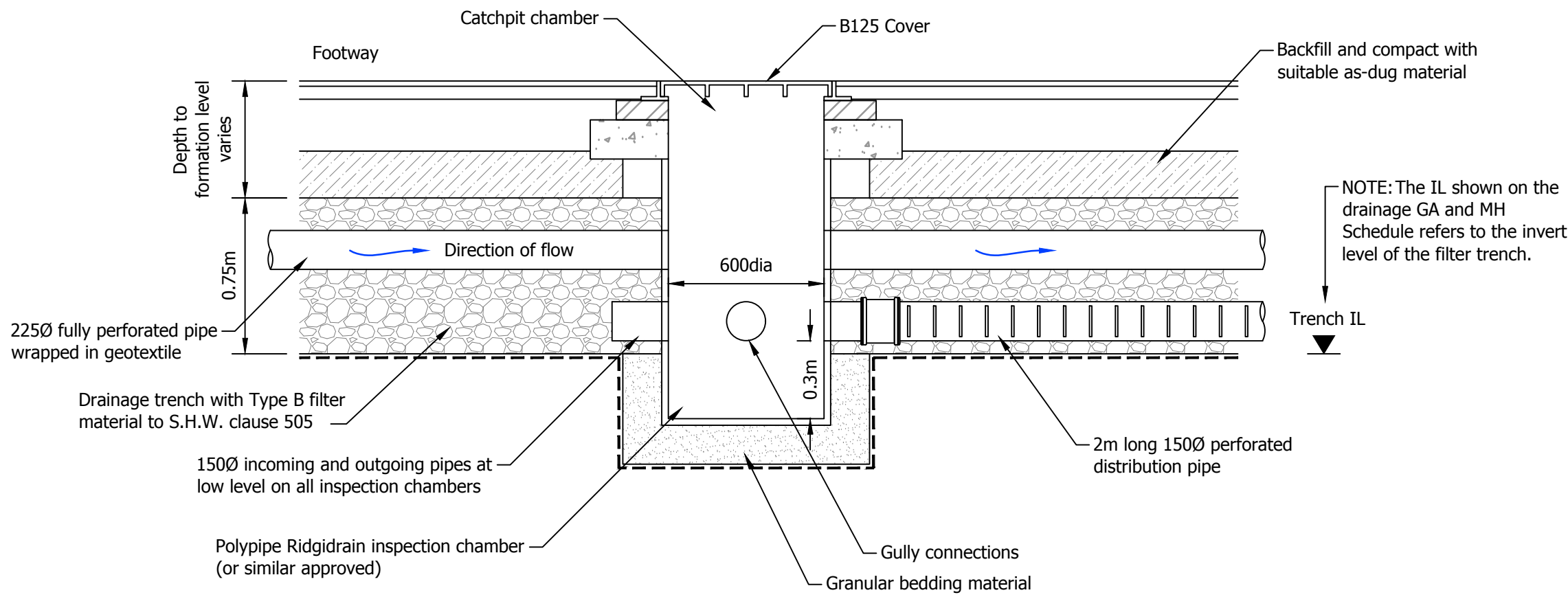
TYPICAL CROSS SECTION THROUGH FILTER TRENCH AND ROAD 6



DETAIL A: FILTER TRENCH CROSS SECTION



DETAIL B: DISTRIBUTION PIPE PLAN VIEW



DETAIL C: LONG SECTION THROUGH FILTER TRENCH AND INSPECTION CHAMBER

FOR CONSTRUCTION

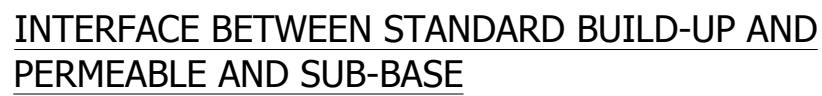
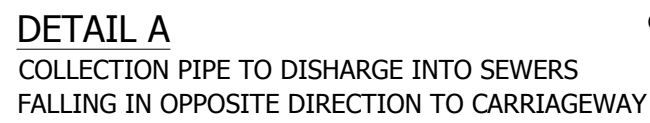
C1	Initial construction issue. (IC)	SF	20/02/2018
rev.	amendment	checked	date

mb
mayer brown

Mayer Brown Limited
Lion House, Oriental Road, Woking, Surrey GU22 8AR
Telephone 01483 750 508 Fax 01483 750 437
wokingoffice@mayerbrown.co.uk www.mayerbrown.co.uk

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
date	FEBRUARY 2018	checked by	SF
title	FILTER TRENCH CONSTRUCTION DETAIL		
drawing number	A/PHLITTLE-INT.2_MB/F/03		rev.
		C1	

NOTES



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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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

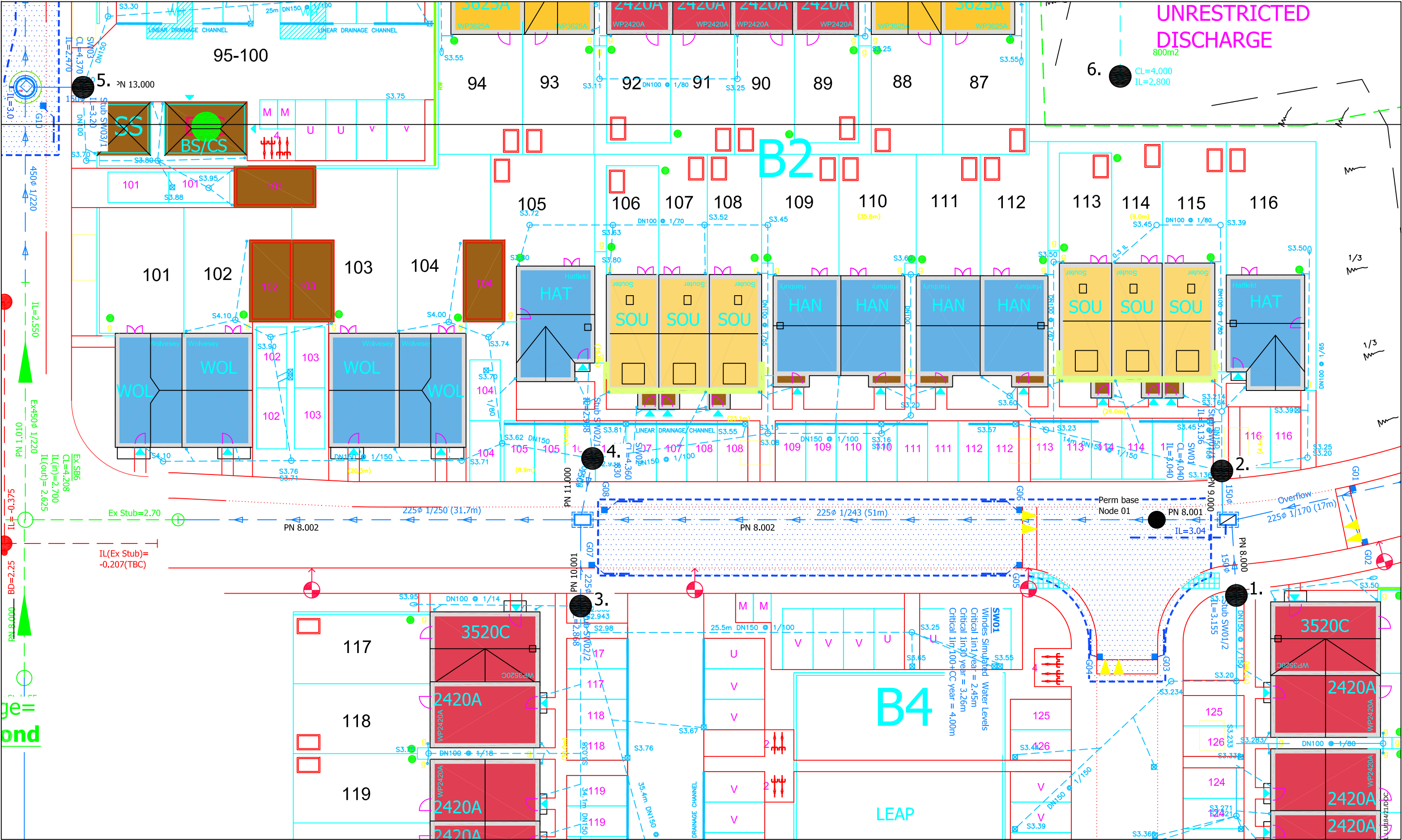
drawing number	rev.
A/PHLITTLE-INT.2_MB/F/02	C2

APPENDIX K: Free Discharge Rates from Phase 2 Sub-Catchment

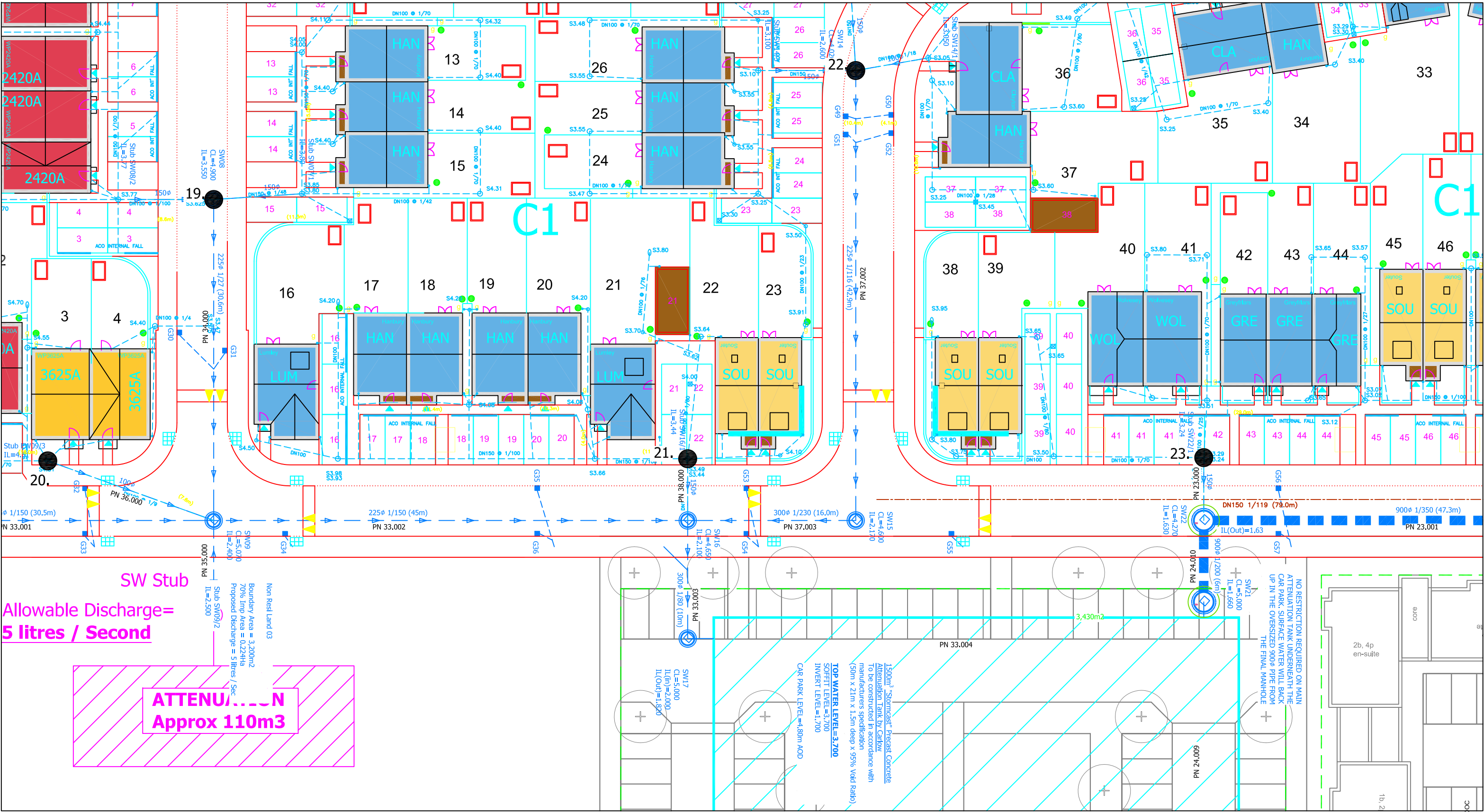
Land North of Toddington Lane, Drainage Strategy, West of Wetlands

Parcels B2, B4 Partial, C1, C2 & C4

Sub Catchment Locations	Windes Pipe Number	Critical Storm (1in100yr event)	Peaks Discharge Rates Litres / Sec (Critical Storm)			Flood volume for 1in100yr+CC
			1in1yr	1in30yr	1in100yr +CC	
1	8.000	15min	3.6	11.2	19.8	0.45
2	9.000	15min	5.1	16.1	33.1	0
3	10.001	15min	9.3	31.6	41	16.8
4	11.000	15min	12.5	40.6	56.5	5.1
5	13.000	30min	5.7	17.7	32.4	0
6	15.000	15min	8.4	23.2	23.3	12.4
7	14.000	15min	10.5	28.6	26.2	16.5
8	16.000	15min	11.4	35.8	61.9	0.435
9	17.000	30min	9.1	24.9	51.5	0.68
10	18.000	15min	18.4	55	104.3	0
11	31.000	15min	22.6	62.3	74.1	23.5
12	20.000	15min	6.3	18	25.4	5.5
13	19.000	15min	5.3	15.7	22.3	3.5
14	22.000	240min	1.9	6.5	18	0
15	21.000	240min	1.6	5.6	15.5	0
16	39.000	240min	2.1	11.8	22.6	0
17	41.000	240min	2.5	17.6	30.4	0
18	40.001	240min	2.9	21.8	32.3	0
19	34.000	15min	10.3	33.8	55.9	0
20	36.000	15min	2.9	9.5	17.5	0
21	38.000	15min	7.3	23.9	44.1	0
22	37.002	15min	21.5	56.5	66.6	0
23	23.000	240min	2.1	5.3	10.3	0







APPENDIX L: List of Drawings in West of Wetlands Catchment

HAMPTON PARK, TODDINGTON LANE, LITTLEHAMPTON

West of Wetlands Area – List of Drawings

Phase 1

Civils Drawings– Glanville Consulting Engineers

(Parcel A1 - Planning reference LU/347/14/RES)

- CV8150558/100 RevC2 – Engineering Layout (1 of 3)
- CV8150558/101 RevC3 – Engineering Layout (2 of 3)
- CV8150558/102 RevC2 – Engineering Layout (1 of 3)
- CV8150558/103 RevC2 – Drainage Layout (1 of 3)
- CV8150558/104 RevC2 – Drainage Layout (2 of 3)
- CV8150558/105 RevC2 – Drainage Layout (3 of 3)
- CV8150558/112 RevC1 – Drainage Construction Details (1 of 2)
- CV8150558/113 RevC1 – Drainage Construction Details (2 of 2)

Civils & Drainage Drawings– Mayer Brown Ltd

(Internal Distribution Road – IDR)

- A/PHLITTLE.2/IDR-111 Rev C1 – S38 Highway Works Construction Treatment Drawing
- A/PHLITTLE.2/IDR-112 Rev C1 – S38 Highway Works Drainage and Ducting Drawing

Civils & Drainage Drawings– Mayer Brown Ltd

(Toddington Lane S278 works)

- A/PHLITTLE.2/112 Rev U – S278 Highway Works Drainage and Ducting Drawing

Planning reference LU/79/16/DOC & LU/96/16/DOC (Bovis Site)

(Parcels B3 & B5)

Civils & Drainage Drawings– Bovis Homes Ltd

- LITL-502/1 RevD – Engineering Layout, Sheet 1
- LITL-502/2 RevD – Engineering Layout, Sheet 2
- LITL-502/3 RevH – Engineering Layout, Sheet 3
- LITL-503/1 RevC – Road & Sewer Sections, Sheet 1
- LITL-503/2 RevC – Road & Sewer Sections, Sheet 2
- LITL-503/3 RevC – Road & Sewer Sections, Sheet 3
- LITL-504 – Typical Road Details
- LITL-505 – Typical Sewer Details
- LITL-506 – Private Drive Details, plots 6 to 117

Civils Drawings– Glanville Consulting Engineers

- CV8140927/611 RevP2 – B3/B5 Access Road Construction Plan
- CV8140927/612 RevP2 – B3/B5 Access Road Drainage Plan

- CV8140927/613 – B3/B5 Access Road Highway Construction Details

Phase 2 Application: Planning reference LU/121/17/RES

(Parcel C1, Partial C2, Partial B2 & Partial B4)

Estate Road & Infrastructure – Mayer Brown Ltd

- A/PHLITTLE-INT.1/110-1 RevC2 – General arrangement Drawings (1 of 2)
- A/PHLITTLE-INT.1/110-2 RevC2 – General arrangement Drawings (2 of 2)
- A/PHLITTLE-INT.1/111-1 RevC2 – Construction Treatments Drawings (1 of 2)
- A/PHLITTLE-INT.1/111-2 RevC2 – Construction Treatments Drawings (2 of 2)
- A/PHLITTLE-INT.1/112-1 RevC3 – Drainage General Arrangement (1 of 2)
- A/PHLITTLE-INT.1/112-2 RevC3 – Drainage General Arrangement (2 of 2)
- A/PHLITTLE-INT.2/MB/C/01 RevC3 – Adopted & Non Adopted Roads Construction Details
- A/PHLITTLE-INT.2/MB/F/02 RevC2 – Permeable Sub-Base Road Construction Details
- A/PHLITTLE-INT.2/MB/F/03 RevC1 – Filter Trench Construction Detail

Plot Area Civil Design – MJA Consulting Engineers

- 5691:01 Rev B – Drainage Layout (Sheet 1)
- 5691:02 Rev B – Drainage Layout (Sheet 2)
- 5691:03 Rev E – Levels Plan (Sheet 1)
- 5691:04 Rev C – Levels Plan (Sheet 2)
- 5691:05 Rev A – Drainage, Area in Abeyance
- 5691:06 Rev A – Levels, Area in Abeyance
- 5691:20 Rev A – Construction Details (Sheet 1) – Hard Standing Areas
- 5691:21 1st Issue – Construction Details (Sheet 2), Private Drainage 1
- 5691:22 1st Issue – Construction Details (Sheet 3), Private Drainage 2
- 5691:40 1st Issue – External Works (Sheet 1)
- 5691:41 1st Issue – External Works (Sheet 2)

Lyminster By Pass, Planning reference LU/278/17/RES

(Northern Roundabout)

Civils & Drainage Drawing – Mayer Brown Ltd

- PHLI-MB-S278-GF-DR-D-312 RevP8 – Proposed S38/S278 Highway Works Southern Bypass Roundabout, Drainage and Ducting Drawing

