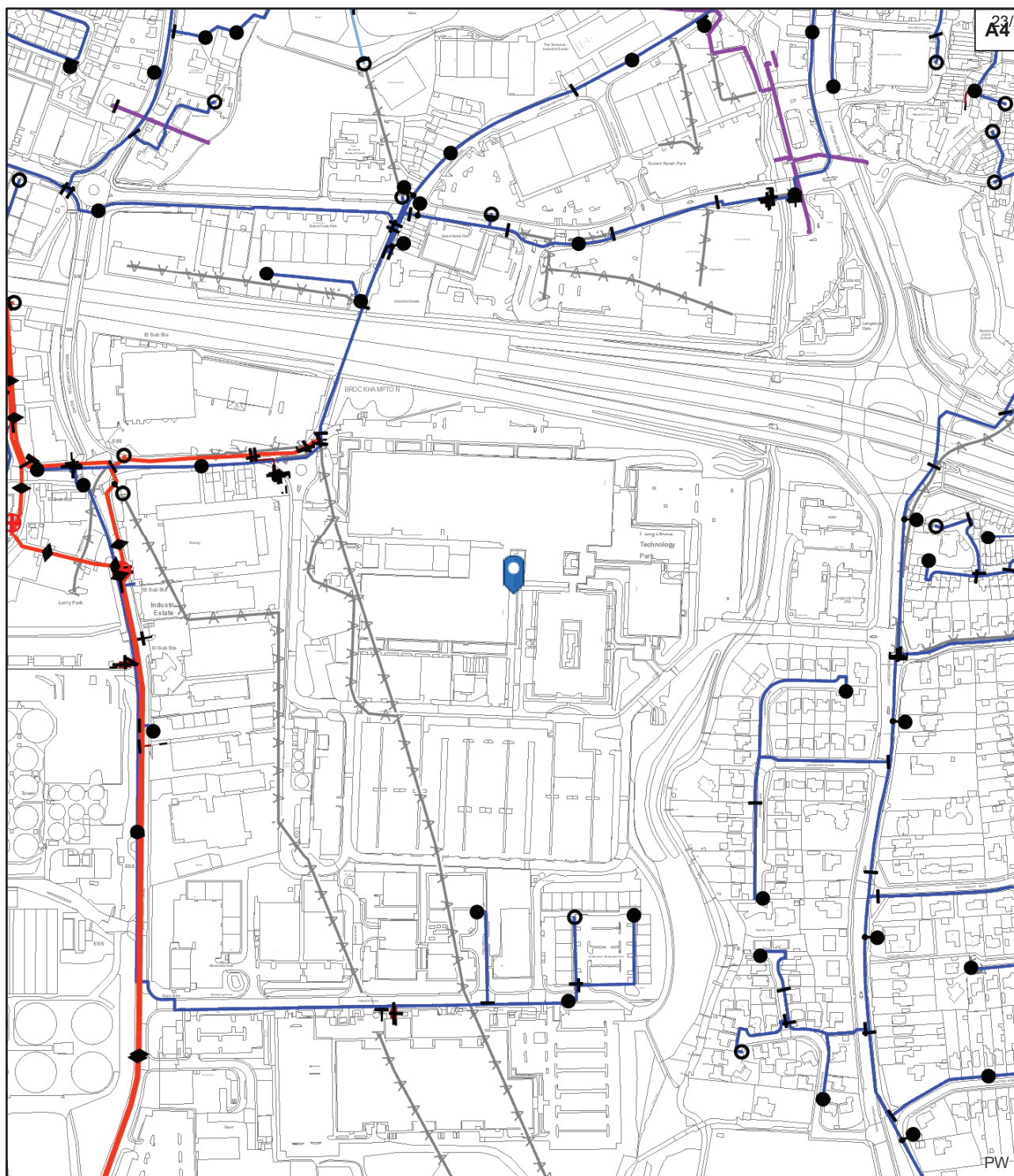


SEWER RECORDS PAGE 2 OF 2

Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape
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0601X	3.95	0.94	600	CP	CIRC	5650X	5.77	4.98	225	CP	CIRC	7801Y	8.12	3.47	375	UNK	CIRC																		
0602X	3.89		600	CP	CIRC	5651X	5.77	4.98	225	CP	CIRC	7801Y	8.12	3.47	375	UNK	CIRC																		
0604X			UNK	UNK	CIRC	5750X	5.5	4.341	450	CP	CIRC	8602X	5.2	-0.42	525	CP	CIRC																		
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0652X			750	CO	CIRC	5902X	7.583	3.124	375	UNK	CIRC	8610Y			450	CP	CIRC																		
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0750X			UNK	UNK	CIRC	6403X	5.76		225	VC	CIRC	8702X			450	CP	CIRC																		
0801X			150	WC	CIRC	6403X			225	VC	CIRC	9401X	4.51	1.96	600	CP	CIRC																		
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1600X			600	CP	CIRC	6501X	6.486	5.557	200	UNK	CIRC	9403X	2.84	1.86	525	CP	CIRC																		
1600X			600	CP	CIRC	6501X	6.486	5.557	200	UNK	CIRC	9403X	2.84	1.86	525	CP	CIRC																		
1600X			600	CP	CIRC	6501X	6.486	5.557	200	UNK	CIRC	9403X	2.84	1.86	525	CP	CIRC																		
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2824X			600	CP	C																														



Water Supply

- Distribution Main
- Communication Pipe
- Fire Main
- - Private Main
- Raw Water Main
- Trunk Main
- - Abandoned Main

Hydrant

- Company Washout Hydrant(Single)
- Fire Brigade Hydrant(Single)
- Fire Brigade Washout Hydrant

Valves / Fittings

- ⌋ CappedEnd
- ✕ StopCock
- ✕ ButterflyValve
- ➡ Pressure Flow Valve
- ➡ RefluxValve
- ◆ Air Valve
- | Open Valve
- ⊕ Closed Valve

The information supplied is given in good faith as a guide to locating underground apparatus. Its accuracy cannot be guaranteed, nor does it include comprehensive information about the existence or location of service pipes or cables to individual premises. The responsibility for locating and avoiding damage to apparatus on site shall be that of the person proposing to excavate in the street who shall be liable to the apparatus owner and any third party who may be affected in any way for any loss or damage caused by their failure to do so.

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U1524007

Easting/Northing:
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Scale:
1:5,000

Date:
11/08/2020

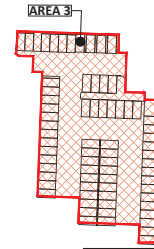
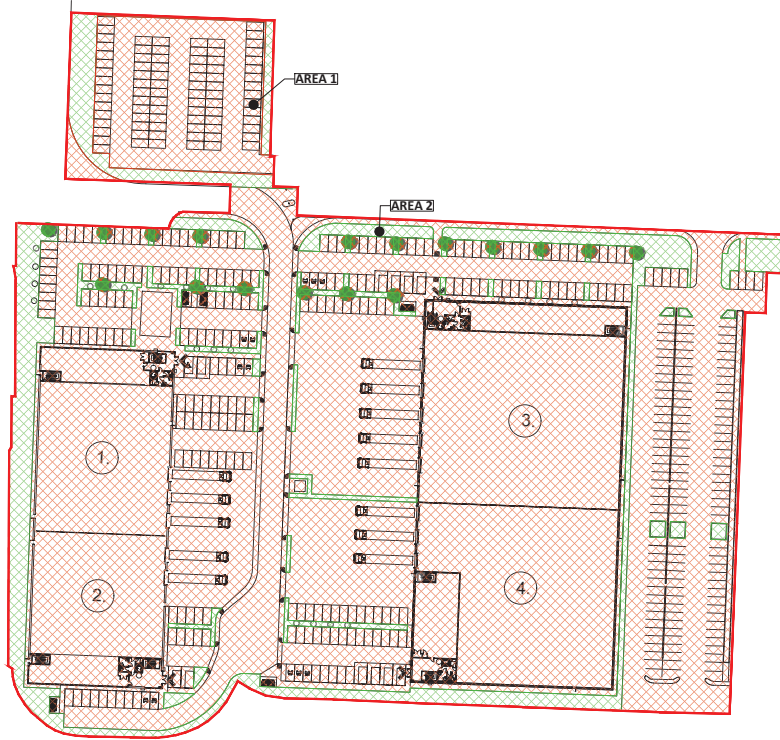
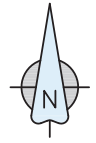


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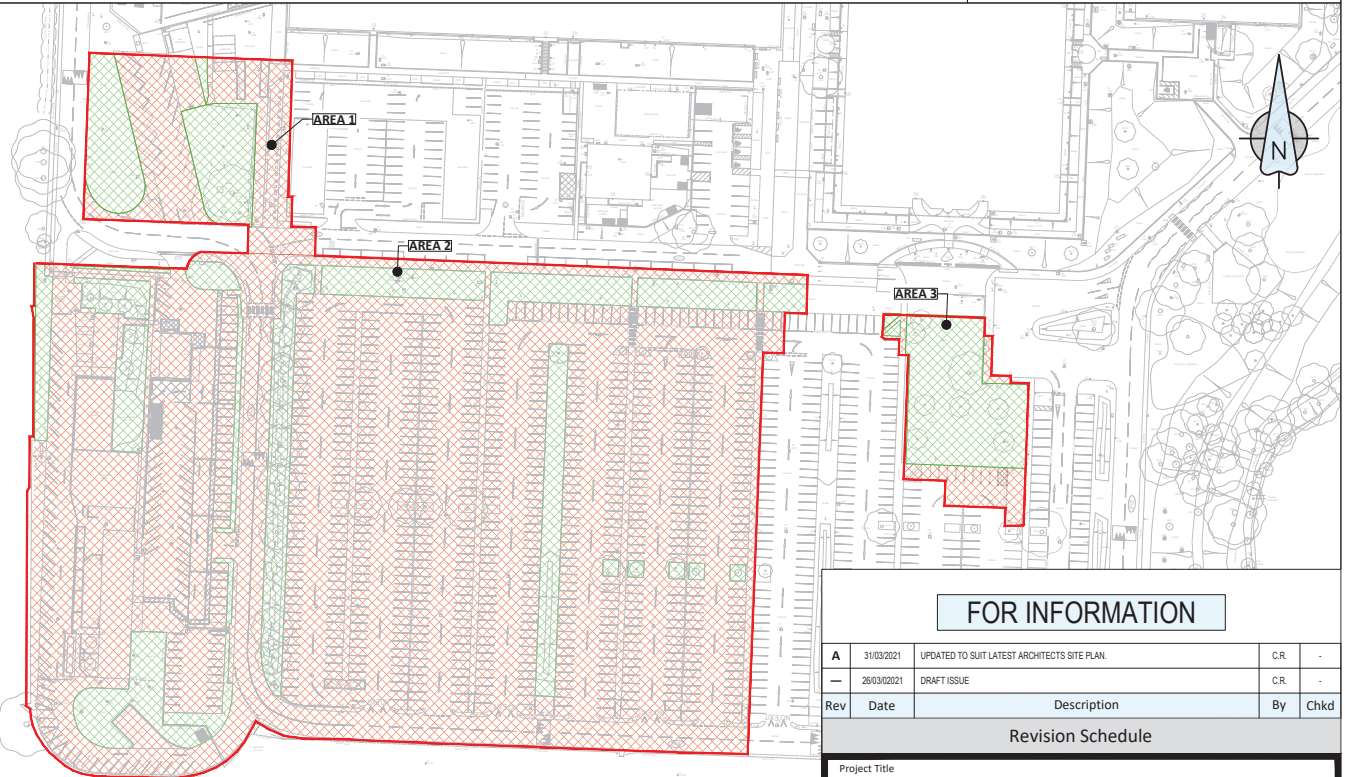


Appendix B – Proposed Information

- C.1 Proposed Overall Site Plan (Reference 11319_PL004)
- C.2 Impermeable & Permeable Areas
- C.3 Proposed Drainage Strategy



AREA 1	
	PROPOSED PERMEABLE AREA: 0.038ha
	PROPOSED IMPERMEABLE AREA: 0.212ha
AREA 2	
	PROPOSED PERMEABLE AREA: 0.151ha
	PROPOSED IMPERMEABLE AREA: 2.547ha
AREA 3	
	PROPOSED PERMEABLE AREA: 0.000ha
	PROPOSED IMPERMEABLE AREA: 0.163ha



FOR INFORMATION

A	31/03/2021	UPDATED TO SUIT LATEST ARCHITECT'S SITE PLAN.	C.R.	-
-	26/03/2021	DRAFT ISSUE	C.R.	-
Rev	Date	Description	By	Chkd

Revision Schedule

Project Title

LANGSTONE TECHNOLOGY PARK
PHASE 1

Drawing Title

IMPERMEABLE AND PERMEABLE AREAS PLAN

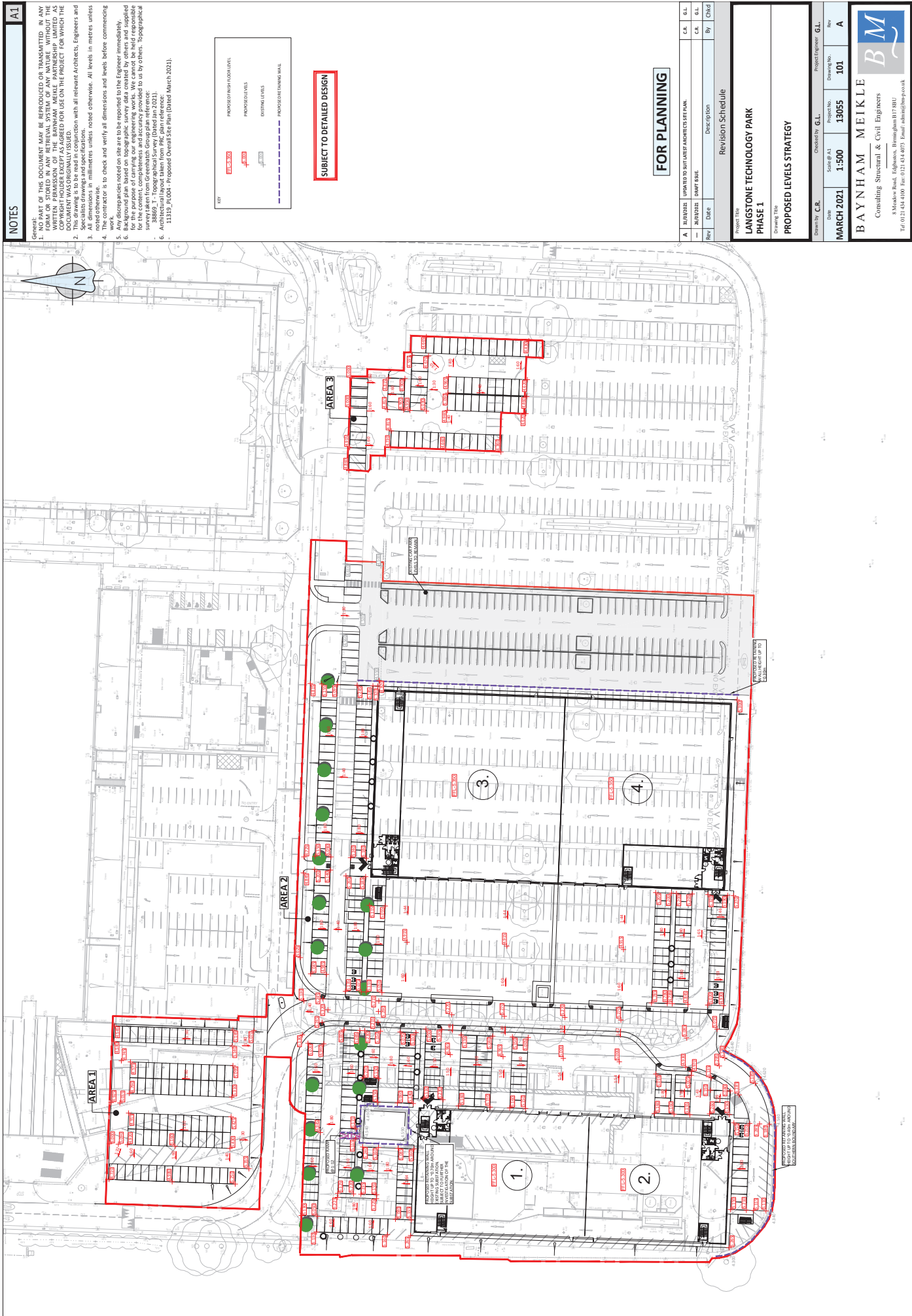
Drawn by C.R.

Checked by -

Project Engineer G.L.

Date
MARCH 2021Scale @ A2
1:1000Project No.
13055Drawing No.
100Rev
ABAYNHAM MEIKLE
Consulting Structural & Civil Engineers8 Meadow Road, Edgbaston, Birmingham B17 8BU
Tel: 0121 434 4100 Fax: 0121 434 4073 Email: admin@bm-p.co.uk

AREA 1	
	EXISTING PERMEABLE AREA: 0.114ha
	EXISTING IMPERMEABLE AREA: 0.170ha
AREA 2	
	EXISTING PERMEABLE AREA: 0.257ha
	EXISTING IMPERMEABLE AREA: 2.406ha
AREA 3	
	EXISTING PERMEABLE AREA: 0.121ha
	EXISTING IMPERMEABLE AREA: 0.042ha



Appendix C - Calculations

- D.1 Surface Water Runoff Rates (Areas 1 and 2)
- D.2 Area 1 - Hydraulic Network Results (Microdrainage)
- D.3 Area 2 - Hydraulic Network Results (Microdrainage)
- D.4 Area 3 - Hydraulic Network Results (Microdrainage)
- D.5 Foul Flow Calcs – Existing and Proposed