

MANHOLE REF	INVERT LEVEL	COVER LEVEL	GRADE 1 in	PIPE Ø (mm)	LENGTH
F14a	87.304	88.64	11.1	100	5.5
F14b	87.800	88.85	60	100	18.0
F14c	88.100	88.85			
F14d	87.850	88.82	52.8	100	18.5
F14e	88.200	89.00			
F14f	88.000	89.16	13	100	5.5
F14g	88.425	89.20	60	100	4.5
F14h	88.500	89.25			
F15a	87.009(150) 87.059(100)	89.25	21	100	24.5
F15b	88.225	89.19	31.4	100	5.5
F15c	88.400	89.25			
F15d	88.225	89.19	60	100	4.5
F15e	88.300	89.14			
F15f	87.009(150) 87.059(100)	89.25	11.4	100	9.5
F15g	87.891	89.15	60	100	21.5
F15h	88.250	89.00			
F15i	88.250	89.00			
F15j	87.009(150) 87.059(100)	89.25	3.5	100	6.5
F15k	88.883	89.55	60	100	13.0
F15l	89.100	90.00	60	100	10.5
F15m	89.275	90.00			
F16a	89.400	90.22	60	100	12.0
F16b	89.400	90.45	60	100	6.0
F16c	89.700	90.45			

To be confirmed prior to commencing works on site



Sheet Arrangement (1:2500)

DESIGNERS CDM NOTE - RESIDUAL RISKS NOT IDENTIFIED

The design Engineer(s) have assessed this design as the scheme has been developed in order to identify if there are any residual risk hazards (i.e. unusual, unexpected, abnormal or difficult).

No residual risks have been identified for this scheme and therefore no entries were added to the risk register.

This statement assumes that a competent Contractor with the appropriate qualified staff will be employed for the works, and that they will be familiar with site wide construction risks and hazards that they can reasonably be expected to encounter as part of their work.

SURVEY INFORMATION

MK Surveys - 01908 565561
 DRG NUMBER: 17523 - Sheets 1-12
 DATE RECEIVED: 17/12/2014

ARCHITECT SITE PLAN INFORMATION
 PRP Architects - 020 7633 3464
 DRG NUMBER: ALA157C-3000/3100
 DATE RECEIVED: April 2016

- NOTES**
- All dimensions and levels are in metres unless otherwise noted.
 - This drawing is to be read in conjunction with the relevant Architect's/Engineer's drawings, specifications and CDM documentation.
 - This drawing has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only (DO NOT SCALE). All dimensions to be checked on site. Any errors or omissions to be reported to the engineer immediately.
 - This drawing contains coloured lines / information that may not be clear if reproduced in black and white.

Area Key

A	Refer to S38 drawing
B	350mm
C	450mm
D	500mm
E	1000mm

Drainage Key

Sewers

- Foul water drain (private/non adoptable)
- Surface water drain (private/non adoptable)
- Foul water sewer (Adoptable)
- Surface water sewer (Adoptable)
- Biffling foul water sewer (Adopted)
- Existing surface water sewer (Adopted)

Chamber Key

FW Mini access chamber (mac) - 300mmØ*
 PPIC - 475mmØ* - CP = Catchpit
 P.C.C. units/brick*
 Adaptable demarcation manhole within 1m of boundary*
 Manhole
 Depth 1.25 to 1.5m*
 Depth 1.55 to 3.0m*

Rain Water Harvesting Tank Schedule

RWH REF	INVERT LEVEL	COVER LEVEL
40	88.100	88.95
50	88.400	89.05
51	88.400	89.10
52	88.000	88.80
53	87.750	88.60
54	88.100	89.10
55	88.350	89.18
56	88.250	89.17
57	87.900	88.86
58	88.000	88.80
59	88.300	89.20
60	88.850	89.67
61	88.850	89.40
62	89.150	89.90
63	89.150	89.90
64	89.200	90.15
65	89.350	90.40
66	89.350	90.40

PPIC Invert Levels

NO	IL
1	84.20
2	85.77
3	85.25
4	85.50
5	84.35
6	83.90
7	84.70
8	85.00
9	86.15
10	86.30
11	86.60
12	86.75
13	86.90
14	85.00
15	87.00
16	84.50
17	84.25
18	84.10
19	84.05
20	84.15
21	87.45
22	87.50
23	87.35
24	87.20
25	85.95
26	85.85
27	87.85
28	88.10
29	87.75
30	88.05
31	88.20
32	88.35
33	88.45
34	88.00
35	88.55
36	88.95
37	88.70
38	89.25
39	89.05
40	89.70
41	89.40

NOTE: ALL UNREFERENCED SURFACE WATER PIPEWORK TO BE 100mmØ UNLESS SHOWN OTHERWISE

Soakaway Table

Key	Type	Dimension
A	Type A	2m x 2m x 0.8m deep
B	Type B	2m x 4m x 0.8m deep
C	Type C	2m x 3m x 0.8m deep
D	Type D	1.5m x 2m x 0.8m deep

Base of soakaways to puncture brush layer

Rev	Drawn by	CHK'd by	Comments	Date
P03	ATD	TST	Vented soil stacks added and impermeable barriers. Refer to revision clouds.	20/06/16
P02	NJ	TST	Updated in-line with revised architect and landscape information	05/05/16
P01	NJ	TST	Initial issue	03/02/16

DRAWING TITLE
Proposed Drainage Plan
Sheet 1/4

PROJECT
Phase 2
Bicester Eco Village
Bicester
Oxon

DESIGNED BY TST	DRAFTED BY NJ	APPROVED BY DJ
DATE 03/02/2016	STATUS SUBJECT TO TECHNICAL APPROVAL	
SCALE 1:250 @ A1	Scale bar: 0m, 6.25m, 12.5m Scale bar: 1:250	

CLIENT

Hill **Infrastruct CS Ltd**

JOB NUMBER 15-1859	DRAWING NUMBER 03-1	REVISION P03
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