

MANHOLE REF	INVERT LEVEL	COVER LEVEL	GRADE 1 in	PIPE Ø (mm)	LENGTH
F6	81.545(225) 81.490(100)	85.30	10.8	100	9.0
F6a	82.525	84.05	15.6	100	7.5
F6c	83.000(07) 84.937(8)	86.47	40	100	30.5
F6d	85.700	86.45			
F6e	83.000(07) 84.843(8)	86.47	80	100	14.5
F6f	85.025	86.00	40	100	13.5
F6g	85.250	86.00			
F9c	83.810(15) 83.642(100)	87.00	2.95	100	5.5
F9e	85.725	87.15	40	100	19.0
F9d	86.200	86.95			
F8	81.924(225) 84.223(8)	84.98	10	100	4.5
F8a	84.675	85.15	20	100	16.5
F8b	85.500	86.25			
F7	81.874(07) 82.959(8)	85.00	40	100	9.0
F7a	83.184	84.77	40	100	29.0
F7b	83.909	84.70	24.5	100	12.0
F7c	84.398	85.15	16	100	9.5
F7d	84.992	85.50	25	100	21.5
F7e	85.850	86.700			
F10a	85.422	87.100	9.4	100	3.0
F10a	85.741	87.050	60	100	15.5
F10b	86.000	86.700			
F10c	85.422(07) 84.409(8)	87.100	40.0	100	20.5
F10d	86.750	87.500			
F11c	86.258	87.500	16.3	100	3.0
F11a	86.441	87.550	60	100	21.5
F11b	86.800	87.550			
F11d	86.500	87.580			
F11e	86.900	87.550	43.75	100	17.5

RWH REF	INVERT LEVEL	COVER LEVEL
1	86.150	86.90
2	86.150	86.90
3	86.150	86.90
4	85.700	86.40
5	85.680	86.45
6	85.680	86.45
7	85.680	86.45
8	84.840	85.95
9	85.100	85.80
10	85.100	85.65
11	85.100	85.50
12	86.100	86.45
13	86.100	86.55
14	86.050	87.00
15	86.500	87.30
16	86.850	87.45
17	86.550	87.45
18	86.650	87.50
19	86.850	87.65
20	86.850	87.65
21	86.850	87.65
22	86.550	87.30
23	86.550	87.30
24	86.550	87.60
25	86.850	87.53
26	86.850	87.45
27	84.150	85.00
28	84.050	84.60
29	84.900	85.75
30	85.400	86.55

MANHOLE REF	INVERT LEVEL	COVER LEVEL
F6	81.545(225) 81.490(100)	85.30
F6a	82.525	84.05
F6c	83.000(07) 84.937(8)	86.47
F6d	85.700	86.45
F6e	83.000(07) 84.843(8)	86.47
F6f	85.025	86.00
F6g	85.250	86.00
F9c	83.810(15) 83.642(100)	87.00
F9e	85.725	87.15
F9d	86.200	86.95
F8	81.924(225) 84.223(8)	84.98
F8a	84.675	85.15
F8b	85.500	86.25
F7	81.874(07) 82.959(8)	85.00
F7a	83.184	84.77
F7b	83.909	84.70
F7c	84.398	85.15
F7d	84.992	85.50
F7e	85.850	86.700
F10a	85.422	87.100
F10a	85.741	87.050
F10b	86.000	86.700
F10c	85.422(07) 84.409(8)	87.100
F10d	86.750	87.500
F11c	86.258	87.500
F11a	86.441	87.550
F11b	86.800	87.550
F11d	86.500	87.580
F11e	86.900	87.550

To be confirmed prior to commencing works on site



DESIGNER'S CDM NOTE - RESIDUAL RISKS NOT IDENTIFIED
 The design Engineer(s) has 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.

NO	IL
1	86.20
2	85.77
3	85.25
4	85.50
5	84.35
6	83.90
7	84.70
8	86.00
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

Drainage Key	Sewers
---	Foul water drain (private/non adoptable)
---	Surface water drain (private/non adoptable)
---	Foul water sewer (Adoptable)
---	Surface water sewer (Adoptable)
---	Existing foul water sewer (Adapted)
---	Existing surface water sewer (Adapted)

Chamber Key	FW	SW
●	Mini access chamber (mac) - 300mm ²	
○	PPIC - 475mm ² - CP = Catchpit	
□	P.C.C. units/brick *	
■	Adoptable demarcation manhole within 1m of boundary *	
○	Manhole	
○	Depth 1.25 to 1.5m *	
○	Depth 1.55 to 3.0m *	

Area Key	Depth of Permeable Paving Sub-base
A	Refer to 338 drawing
B	350mm
C	450mm

NOTE: ALL UNREFERENCED SURFACE WATER PIPEWORK TO BE 100mm² UNLESS SHOWN OTHERWISE

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

Rev	Drawn by	CHK'd by	Comments	Date
P05	NJ	TST	Vented soil stacks, impermeable barriers and drainage channel added. Refer to revision clouds.	20/06/16
P04	NJ	TST	Plot 277 drainage amended. RWH Tank No.27 invert level revised. Refer to clouded areas	06/05/16
P03	NJ	TST	Updated in-line with revised architect and landscape information	29/04/16
P02	SHN	TST	ROAD 2A and ROAD 2A-GI amended. Proposed permeable paving updated to suit	06/04/16
P01	NJ	TST	Initial issue	08/01/16

DRAWING TITLE
Proposed Drainage Plan
 Sheet 3/4
 PROJECT
Phase 2
Bicester Eco Village
Bicester
Oxon

DESIGNED BY: TST
 DRAFTED BY: NJ
 APPROVED BY: DJ
 DATE: 08/01/2016
 STATUS: **SUBJECT TO TECHNICAL APPROVAL**
 SCALE: 1:250 @ A1
 Scale bar: 0m, 6.25m, 12.5m

CLIENT

 JOB NUMBER: 15-1859
 DRAWING NUMBER: 03-3
 REVISION: P05



Sheet Arrangement (1:2500)