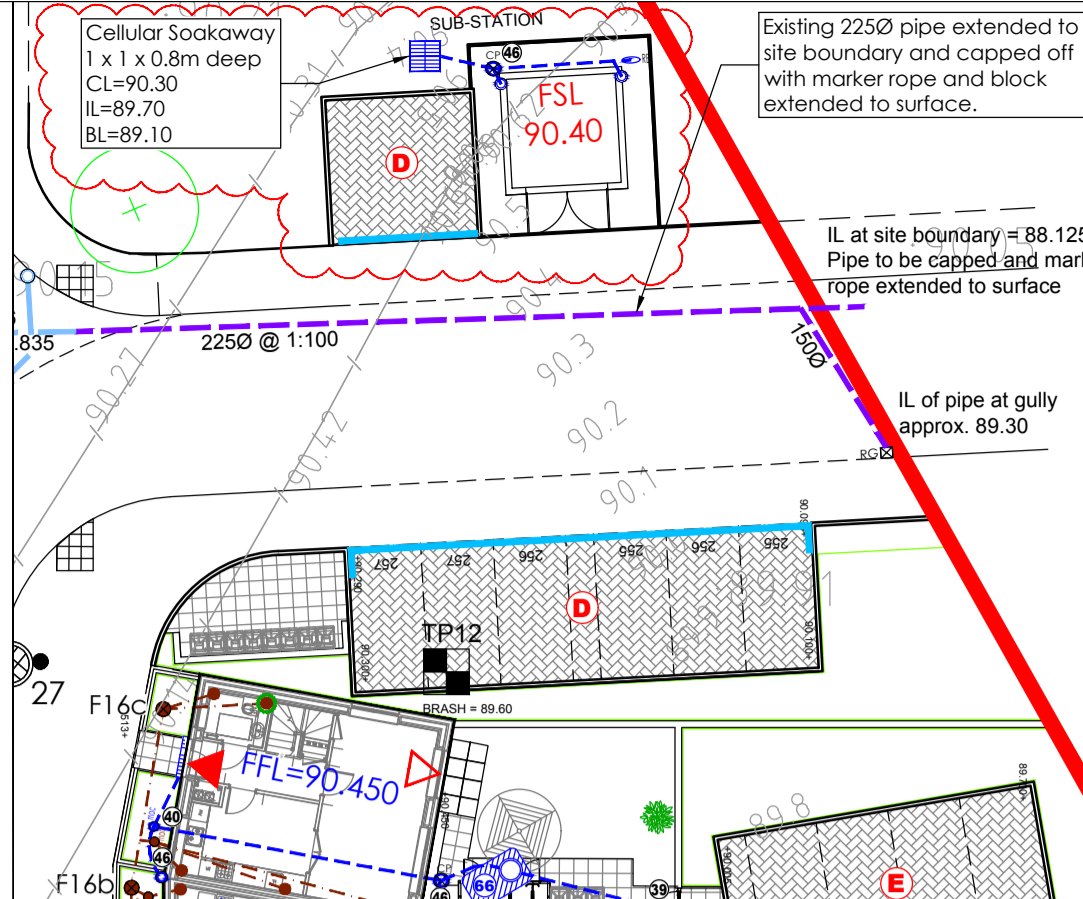
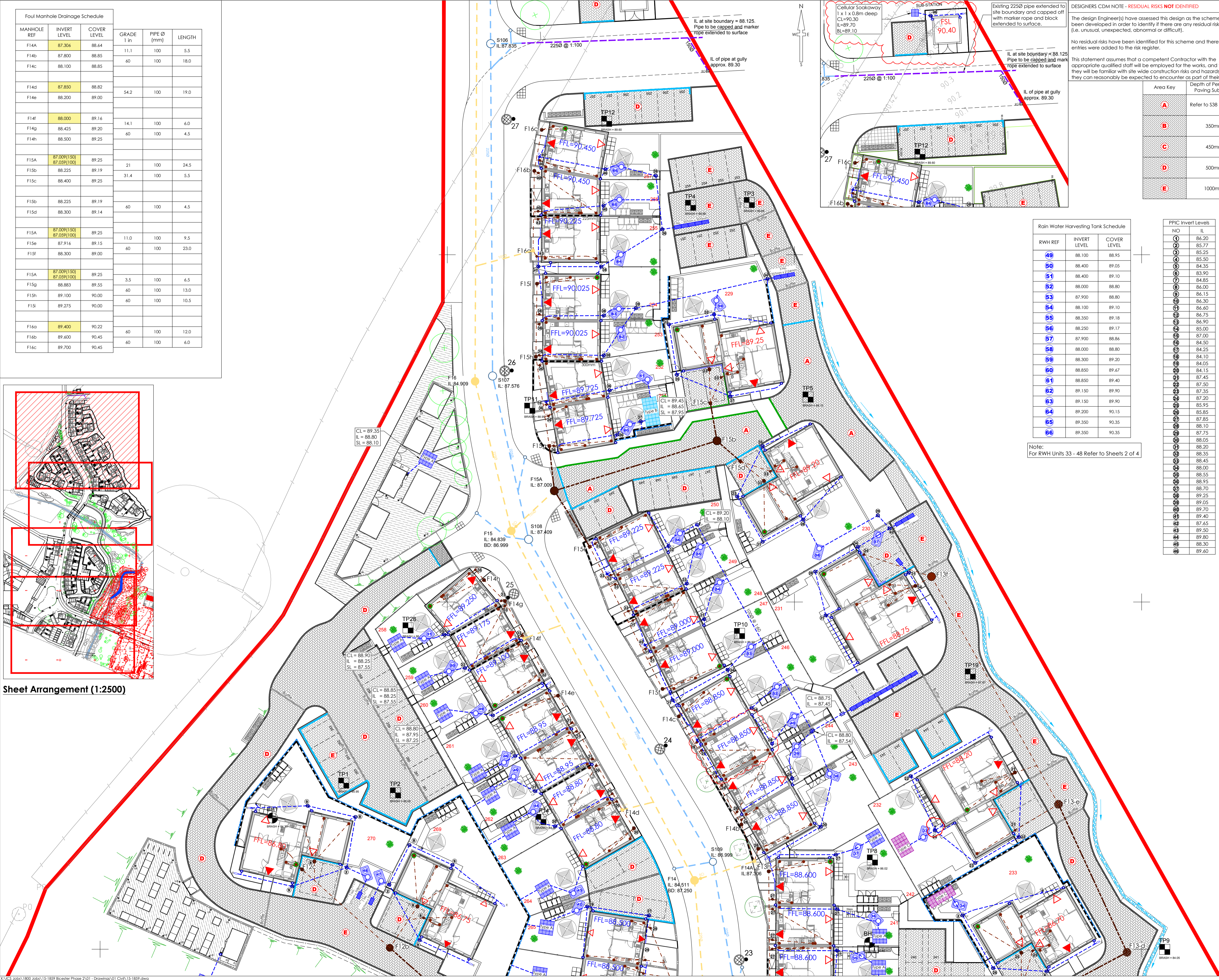


MANHOLE REF	INVERT LEVEL	COVER LEVEL	GRADE 1 in	PIPE Ø (mm)	LENGTH
F14a	87.306	88.64	11.1	100	5.5
F14b	87.800	88.85	60	100	18.0
F14c	88.100	88.85			
F14d	87.850	88.82	54.2	100	19.0
F14e	88.200	89.00			
F14f	88.000	89.16	14.1	100	6.0
F14g	88.425	89.20	60	100	4.5
F14h	88.500	89.25			
F15a	87.099(150) 87.099(100)	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	89.00			
F15f	88.300	89.00			
F15g	88.883	89.55	3.5	100	6.5
F15h	89.100	90.00	60	100	13.0
F15i	89.275	90.00	60	100	10.5
F16a	89.400	90.22	60	100	12.0
F16b	89.600	90.45	60	100	6.0
F16c	89.700	90.45			



Sheet Arrangement (1:2500)



DESIGNER'S 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		DATE RECEIVED:
MK Surveys - 0198 545561	DRG NUMBER: 17523 - Sheets 1-12	17/12/2014
ARCHITECT SITE PLAN INFORMATION		DATE RECEIVED:
PRP Architects - 020 7653 3464	DRG NUMBER: AL6157C-3000/3100	06/12/2014

RWH REF	INVERT LEVEL	COVER LEVEL
49	88.100	88.95
50	88.400	89.05
51	88.400	89.10
52	88.000	88.80
53	87.900	88.80
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	89.47
61	88.850	89.40
62	89.150	89.90
63	89.150	89.90
64	89.200	90.15
65	89.350	90.35
66	89.350	90.35

NO	IL
1	86.20
2	85.77
3	85.25
4	85.50
5	84.35
6	83.90
7	84.85
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
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	88.50
35	88.55
36	88.95
37	88.70
38	89.05
39	89.70
40	89.40
41	89.40
42	87.65
43	89.50
44	89.80
45	88.30
46	89.60

- 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 drawings 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.

Drainage Key

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

Chamber Key

- Mini access chamber (mac) - 300mmØ*
- PPIC - 475mmØ* - 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 *

*General note
(Refer to standard details & long sections for chamber sizes. Size may need to increase dependant on number of incoming pipes/size of incoming pipes)

FFL XX.XX
Finished Floor Level (FFL)

Block paving - Permeable
Impermeable barrier
Permeable paving baffle
Service baffle
Proposed filter drain (To cater for extreme storm events)
Indicative location of fruit tree/bush
Land drain adjacent to retaining wall
Existing watercourse

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

Key	Type	Dimension
[Symbol]	Type A	2m x 2m x 0.8m deep
[Symbol]	Type B	2m x 4m x 0.8m deep
[Symbol]	Type C	2m x 3m x 0.8m deep

Base of soakaways to puncture brush layer

Rev	Drawn by	Chk'd by	Comments	Date
C12	NJ	TST	Drainage to sub station added	15/03/17
C11	NJ	TST	Notes on Highway drain added and rwp to plot 245 and 246 amended	20/02/17
C10	NJ	TST	Highway drain extended to site boundary	10/02/17
C09	NJ	TST	SVP to 5 bed relocated. Yard gully added	02/02/17
C08	NJ	TST	Additional SVP locations added as clouded. Receiving chamber resized to suit.	12/01/17
C07	NJ	TST	Green line removed from sub station extract	09/01/17

Proposed Drainage Plan Sheet 1/4

PROJECT
Phase 2
Bicester Eco Village
Bicester
Oxon

DESIGNED BY TST	DRAFTED BY NJ	APPROVED BY DJ
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DATE
03/02/2016

STATUS
FOR CONSTRUCTION
SUBJECT TO TECHNICAL APPROVAL

SCALE
1:250 @ A1

Scale bar: 0m, 4.25m, 12.5m

CLIENT
Hill **Infrastruct CS Ltd**

JOB NUMBER 15-1859	DRAWING NUMBER 03-1	REVISION C12
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