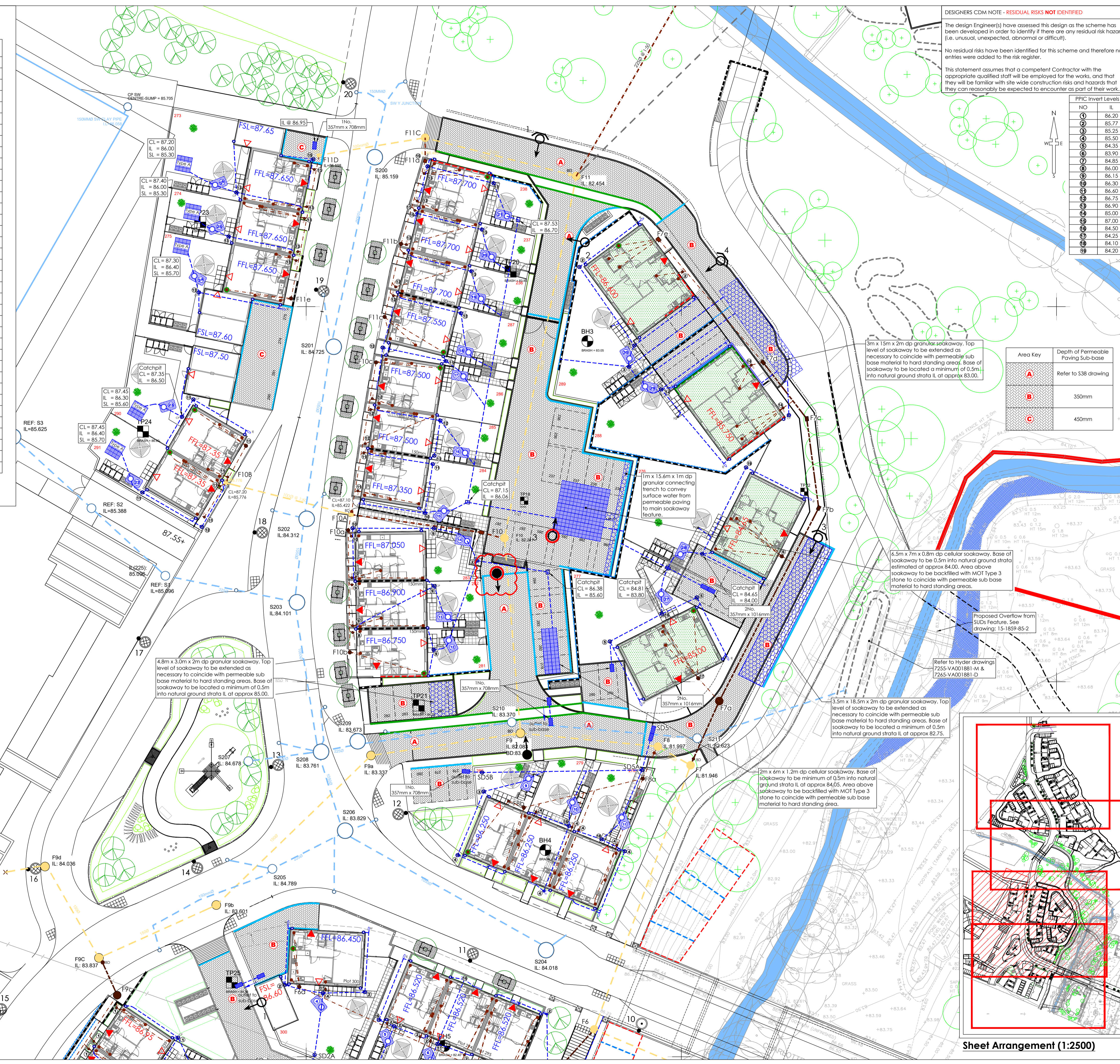


MANHOLE REF	INVERT LEVEL	COVER LEVEL	GRADE 1 in	PIPE Ø (mm)	LENGTH
F6	81.545(225) 81.490(100)	85.30	12.0	100	12.0
F6a	82.490	84.05	14.5	100	4.5
F6c	83.000(OUT) 84.937(N)	86.47	40	100	30.5
F6d	85.700	86.45			
F6c	83.000(OUT) 84.843(N)	86.47	80	100	14.5
F6e	85.025	86.00	60	100	13.5
F6f	85.250	86.00			
F9c	83.837(OUT) 85.346(N)	87.00	30.0	100	5.5
F9c	85.550	87.15	29	100	19.0
F9d	86.200	86.95			
F8	81.779(225) 84.225(N)	84.98	10	100	4.5
F8a	84.675	85.15	20	100	16.5
F8b	85.500	86.25			
F7	81.946(OUT) 82.959(N)	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	85.550	25	100	21.5
F7e	85.850	86.700			
F10a	85.422	87.100	6.5	100	2.0
F10a	85.730	87.050	60	100	16.2
F10b	86.000	86.700			
F10a	85.422(OUT) 86.428(N)	87.100	60.0	100	20.5
F10c	86.750	87.500			
F11c	86.258	87.500	16.3	100	3.0
F11a	86.441	87.600	60	100	11.5
F11b	86.633	87.700	60	100	10.0
F11c	86.800	87.550			
F11d	86.500	87.580	58.50	100	19.0
F11e	86.825	87.550			

RWH REF	INVERT LEVEL	COVER LEVEL
1	86.150	86.90
2	86.150	86.90
3	86.125	86.80
4	85.450	86.40
5	85.680	86.45
6	85.600	86.40
7	85.680	86.45
8	84.800	86.00
9	85.100	85.72
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	86.250	87.30
16	86.650	87.32
17	86.500	87.45
18	86.650	87.50
19	86.800	87.65
20	86.800	87.65
21	86.800	87.65
22	86.550	87.30
23	86.450	87.30
24	86.800	87.60
25	86.650	87.53
26	86.850	87.45
27	84.150	85.00
28	83.900	84.80
29	84.900	85.90
30	85.400	86.55

MANHOLE REF	INVERT LEVEL	COVER LEVEL
F6	81.545(225) 81.490(100)	85.30
F6a	82.490	84.05
F6c	83.000(OUT) 84.937(N)	86.47
F6d	85.700	86.45
F6c	83.000(OUT) 84.843(N)	86.47
F6e	85.025	86.00
F6f	85.250	86.00
F9c	83.837(OUT) 85.346(N)	87.00
F9c	85.550	87.15
F9d	86.200	86.95
F8	81.779(225) 84.225(N)	84.98
F8a	84.675	85.15
F8b	85.500	86.25
F7	81.946(OUT) 82.959(N)	85.00
F7a	83.184	84.77
F7b	83.909	84.70
F7c	84.398	85.15
F7d	84.992	85.550
F7e	85.850	86.700
F10a	85.422	87.100
F10a	85.730	87.050
F10b	86.000	86.700
F10a	85.422(OUT) 86.428(N)	87.100
F10c	86.750	87.500
F11c	86.258	87.500
F11a	86.441	87.600
F11b	86.633	87.700
F11c	86.800	87.550
F11d	86.500	87.580
F11e	86.825	87.550

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

ARCHITECT SITE PLAN INFORMATION
 PRP Architects - 020 7653 3464
 DRG NUMBER: AL6157C-3000/3100
 DATE RECEIVED: 06/12/2016

- 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 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

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	84.10
18	84.20

Chamber Key

FW	SW	
●	●	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. Sizes may need to increase dependant on number of incoming pipes/size of incoming pipes)

Surface water rodding eye
 Manhole reference number
 Rain water down pipe (roddable access)
 Soil vent pipe/soil stack
 Ventiled soil vent pipe/soil stack (minimum)
 RWP cellular discharge/collection unit
 Retaining wall

Area Key

Area Key	Depth of Permeable Paving Sub-base
A	Refer to S38 drawing
B	350mm
C	450mm

Soakaway Table

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

Revisions

Rev	Drawn by	Chkd by	Comments	Date
C15	SNN	TST	Lighting Column position amended following comments from OCC	21/07/17
C14	SNN	TST	Area 2 updated to latest PRP layout drawing	03/07/17
C13	SNN	TST	Area 1 Access Road re-aligned as client comments 12/06/2017	13/06/17
C12	SNN	TST	Area 1 Access Road re-aligned as client comments 08/06/2017	09/06/17
C11	SNN	TST	SUDs Feature amended. Outfall to river added, see drawing 85-2 for details	02/05/17

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 FOR CONSTRUCTION
 SUBJECT TO TECHNICAL APPROVAL

SCALE 1:250 @ A1
 Scale Bar @ 1:250

CLIENT

Hill **Infrastruc CS Ltd**

JOB NUMBER 15-1859
DRAWING NUMBER 03-3
REVISION C15

Sheet Arrangement (1:2500)