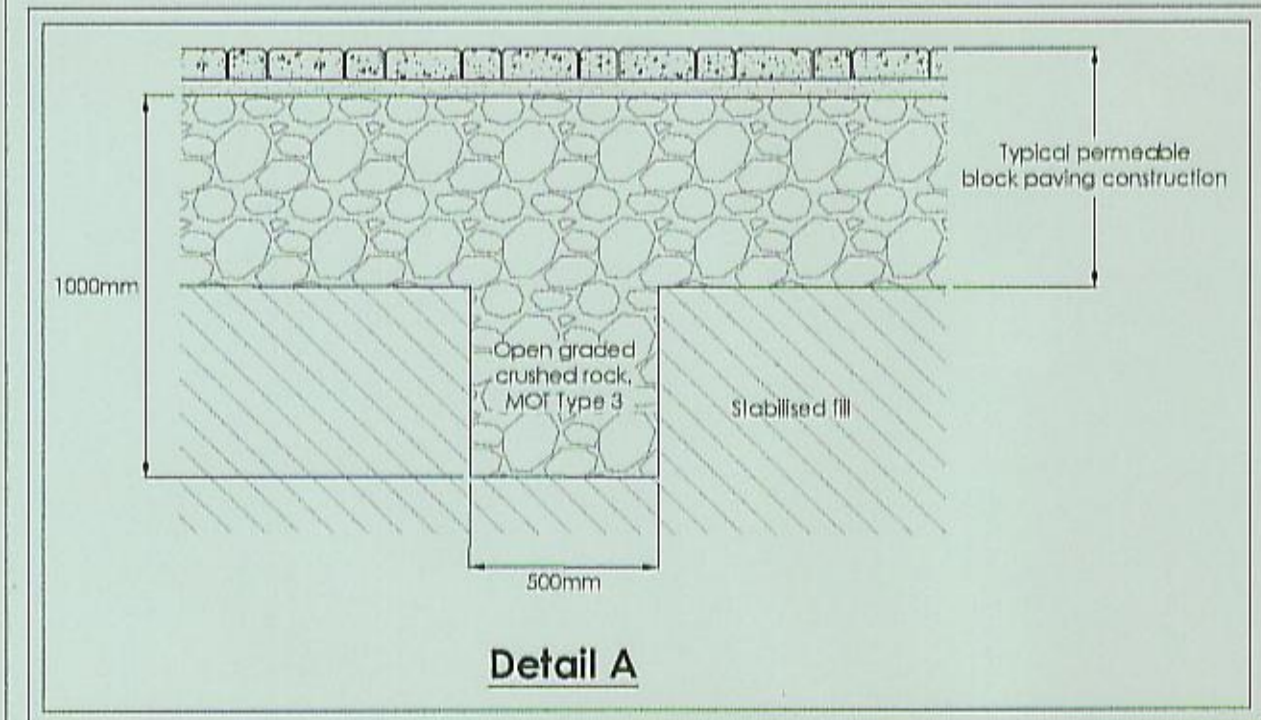




Sheet Arrangement (1:2500)



Detail A

Area Key	Depth of Permeable Paving Sub-base	Sokaway Table		
Key	Type	Dimension		
A	Refer to S38 drawing	Type A	2m x 2m x 0.8m deep	
B	350mm	Type B	2m x 4m x 0.8m deep	
C	450mm	Type C	2m x 3m x 0.8m deep	
		Type D	1.5m x 2m x 0.8m deep	

Base of sokaways to puncture brush layer!



**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 risks 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: 1723 - Sheets 1-12  
 DATE RECEIVED: 17/12/2014

**ARCHITECT SITE PLAN INFORMATION**  
 PRP Architects - 020 7653 3464  
 DRG NUMBER: AL617C-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/Engineers 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**

**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 (Adopted)
- Existing surface water sewer (Adopted)

**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\*

**Surface Manhole Drainage Schedule**

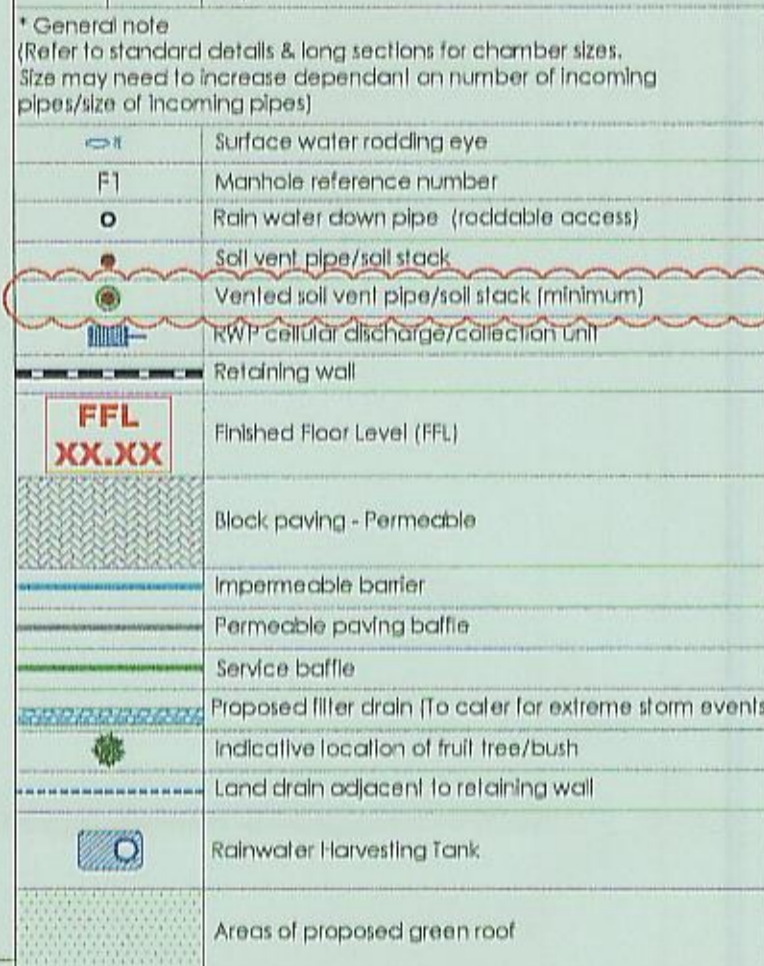
MANHOLE REF	INVERT LEVEL	COVER LEVEL	GRADE 1 in	PIPE Ø (mm)	LENGTH
SD-1	85.738	84.43	100	150	3.0
SD1A	85.748	86.55	100	150	8.5
SD1B	85.853	86.55	100	150	5.5
SD1C	85.908(150) 85.988(100)	84.55	60	100	13.0
SD1D	86.175	86.90	60	100	10.5
SD1E	86.350	87.70	60	100	10.5
SD-2	85.461	86.33	60	100	3.0
SD2A	85.511	86.40	60	100	3.0
SD-3	85.400	86.22	60	100	3.0
SD3A	85.450	86.30	60	100	3.0
SD-4	84.700	86.15			
SD-5	84.508	85.05	20	100	4.0
SD5A	84.708	85.10	60	100	23.5
SD5B	85.100	85.80			

**Foul Manhole Drainage Schedule**

MANHOLE REF	INVERT LEVEL	COVER LEVEL	GRADE 1 in	PIPE Ø (mm)	LENGTH
F6	81.363(225) 81.695(150)	85.30	10.8	100	9.0
F6a	82.525	84.05	15.6	100	7.5
F6c	83.000(100) 84.927(150)	86.47	40	100	30.5
F6d	85.700	86.45			
F6c	83.000(100) 84.843(150)	86.47	80	100	14.5
F6e	85.025	86.00	60	100	13.5
F6f	85.250	86.00			
F9C	83.810(150) 83.860(100)	87.00	2.95	100	5.5
F9c	85.725	87.15	40	100	19.0
F9d	86.200	86.95			
F8	81.924(225) 84.225(150)	84.98	10	100	4.5
F8a	84.675	85.15	20	100	16.5
F8b	85.500	86.25			
F7	81.894(100) 82.929(150)	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	84.396	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			
F10a	85.741	87.050	9.4	100	3.0
F10b	86.000	86.700	40	100	15.5
F10A	85.422(100) 86.408(150)	87.100	60.0	100	20.5
F10c	86.750	87.500			
F11a	86.258	87.500	16.3	100	3.0
F11a	86.441	87.550	40	100	21.5
F11b	86.800	87.550			
F11D	86.500	87.580			
F11e	86.900	87.550	43.75	100	17.5

**Rain Water Harvesting Tank Schedule**

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	87.40
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



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

**PPIC Invert Levels**

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	86.40
12	86.75
13	86.90
14	85.00
15	87.00

PO3	NJ	TST	Vented soil stacks added and impermeable barrier updated. Refer to revision clouds.	20/06/16
PO2	NJ	TST <td>Updated in-line with revised architect and landscape information</td> <td>29/04/16</td>	Updated in-line with revised architect and landscape information	29/04/16
PO1	NJ	TST <td>Initial issue</td> <td>08/01/16</td>	Initial issue	08/01/16

Rev: Down by CHK'd by Comments Date

**DRAWING TITLE**  
 Proposed Drainage Plan  
 Sheet 4/4

**PROJECT**  
 Phase 2  
 Bicester Eco Village  
 Bicester  
 Oxon

DESIGNED BY TST	DRAFTED BY NJ	APPROVED BY DJ
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DATE: 08/01/2016  
 STATUS: **SUBJECT TO TECHNICAL APPROVAL**

SCALE: 1:250 @ A1  
 Scale bar: 0m, 6.25m, 12.5m

**CLIENT**  
 Hill  
 Infrastruct CS Ltd

JOB NUMBER 15-1859	DRAWING NUMBER 03-4	REVISION P03
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