



Sheet Arrangement (1:2500)

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: AA2699
 DATE RECEIVED: 22/12/2015

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.

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

- 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)

- Surface water rodding eye
- F1 Manhole reference number
- Rain water down pipe (roddable access)
- Soil vent pipe/soil stack
- RWP cellular discharge/collection unit

Retaining wall

- Finished Floor Level (FFL)
- Block paving - Permeable
- Impermeable barrier
- Permeable paving baffle
- Service baffle
- Proposed filter drain (To cater for extreme storm events)

Soakaway Table

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
[Symbol]	Type D	1.5m x 2m x 0.8m deep

PPIC Invert Levels

Ref	Level
①	87.45
②	86.00
③	85.75
④	84.15
⑤	86.30
⑥	87.85
⑦	87.75
⑧	88.10

Foul Manhole Drainage Schedule

MANHOLE REF	INVERT LEVEL	COVER LEVEL	GRADE 1 in	PIPE Ø (mm)	LENGTH
F11a	82.601	86.05	16.5	100	18.0
F11-a	83.691	85.50	60	100	15.0
F11-b	83.941	84.80	60	100	12.5
F11-c	84.150	84.90			
F13A	85.400	88.00	80	100	35.5
F13c	85.843	86.73	41	100	17.0
F13d	86.258	86.70	60	100	23.5
F13e	86.650	87.83	30	100	37.5
F13f	87.900	88.70			
F13c	85.843	86.73	80	100	2.5
F13c-1	85.874	86.76			
F11-a	83.691 (OUT)	86.50	60	100	27.0
F11-d	85.700	86.45			
F13A	85.400 (OUT)	87.064 (IN)	6	100	3.0
F13g	87.566	88.10	60	100	17.0
F13h	87.850	88.60			
F12	83.244 (25)	88.30	80	100	31.5
F12a	84.063	87.35	13.8	100	23.0
F12b	85.725	86.37	60	100	16.5
F12c	86.000	86.80			

To be confirmed prior to commencing works on site

Area Key

Area Key	Depth of Permeable Paving
A	1000mm
B	500mm
C	750mm
D	450mm
E	500mm
F	500mm
G	1000mm
H	1000mm
I	500mm
J	1000mm

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.

P01 NJ TST Initial issue 03/02/16

Rev Drawn by Chkd by Comments Date

DRAWING TITLE
 Proposed Drainage Plan
 Sheet 2/4

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, 4.25m, 12.5m

CLIENT

JOB NUMBER 15-1859
DRAWING NUMBER 03-2
REVISION P01