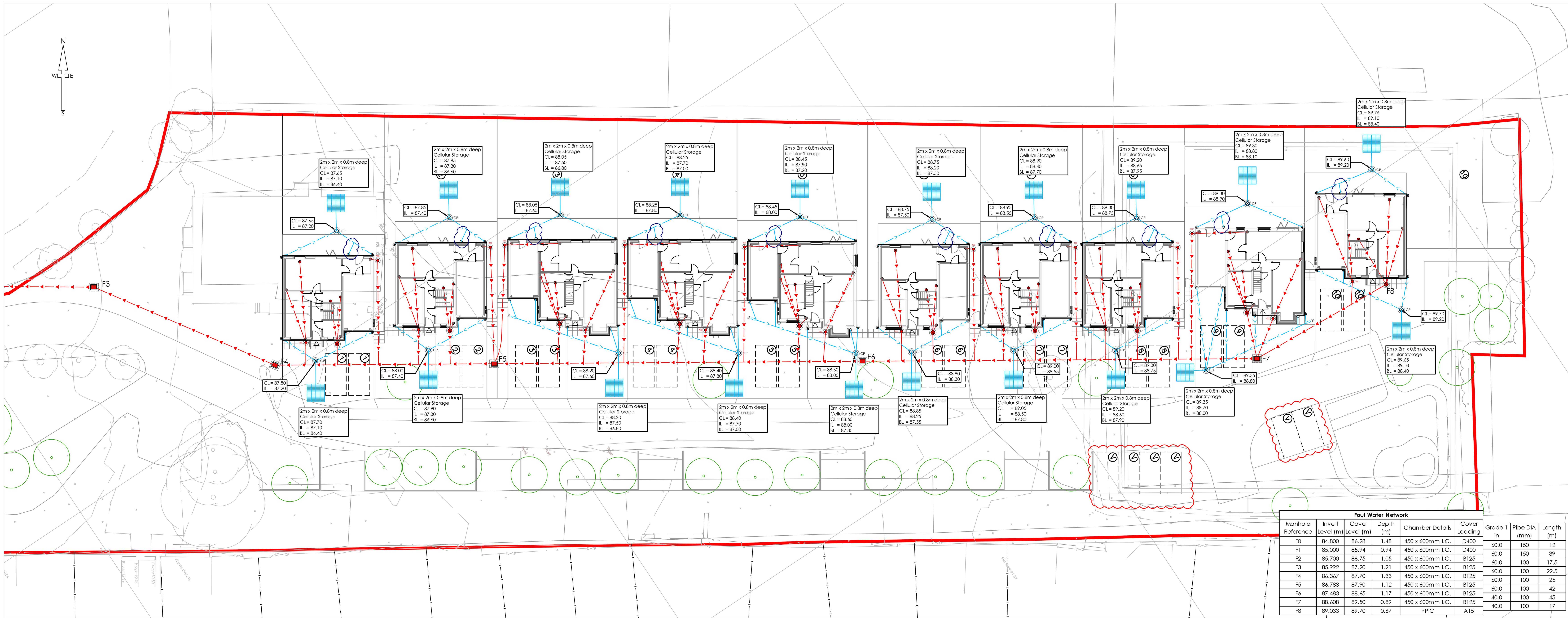

Foul Water Network								
Manhole Reference	Invert Level (m)	Cover Level (m)	Depth (m)	Chamber Details	Cover Loading	Grade 1 in	Pipe DIA (mm)	Length (m)
F0	84.800	86.28	1.48	450 x 600mm I.C.	D400	60.0	150	12
F1	85.000	85.94	0.94	450 x 600mm I.C.	D400	60.0	150	39
F2	85.700	86.75	1.05	450 x 600mm I.C.	B125	60.0	100	17.5
F3	85.992	87.20	1.21	450 x 600mm I.C.	B125	60.0	100	22.5
F4	86.367	87.70	1.33	450 x 600mm I.C.	B125	60.0	100	25
F5	86.783	87.90	1.12	450 x 600mm I.C.	B125	60.0	100	42
F6	87.483	88.65	1.17	450 x 600mm I.C.	B125	40.0	100	45
F7	88.608	89.50	0.89	450 x 600mm I.C.	B125	40.0	100	17
F8	89.033	89.70	0.67	PPIC	A15			

Survey: 20080-200-01T Received: 20/12/2018
Architect: 2019.02.22-Ashby Site Plan Base Received: 23/04/2019

NOTES

1. All dimensions and levels are in metres unless otherwise noted
2. This drawing is to be read in conjunction with the relevant Architect's/Engineer's drawings, specifications and CDM documentation
3. 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.
4. This drawing contains coloured lines / information that may not be clear if reproduced in black and white.
5. Digital copies of this plan can only be considered accurate if supplied directly by Infrastruct CS Ltd.

Construction Note

It is essential that new drainage associated with the development is laid from the outfall(s) into the site. This is essential to avoid unforeseen obstructions where encountered (such as services). If the drainage is laid from the site out to the outfall it can result in significant abortive works to relay and overcome such obstructions.

Location of Public Sewers have been taken from record drawings which should be fully substantiated by the contractor prior to commencing works on site

All manholes covers located within carriageways shall have no slip covers to prevent motorcycles/cycles losing control

BURIED UTILITIES RISK NOTE

- Buried utilities are present on and in the vicinity of the site.
- The Contractor must satisfy themselves that they have seen utility returns for the area and that appropriate Risk Assessment Method Statement (RAMS) are in place and implemented to ensure that buried and/or overhead services are located prior to any works taking place.
- Any RAMS shall address safe procedures for protection and working in the proximity of services.

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.

Drainage Key

Sewers

Foul water drain (private/non adoptable)
Surface water drain (private/non adoptable)

Chamber Key

FW	SW	
mac	mac	Mini access chamber (mac) - 300mmØ *
		PPIC - 475mmØ *
		P.C.C. units/brick *
DM	DM	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)

RE	Surface water rodding eye
F1	Manhole reference number
	Rain water down pipe (roddable access)
ST	Silt Trap (ST) with removable silt bucket
	Soil vent pipe/soil stack
	Cellular storage (refer to drawing for sizes)
FFL XX.XX	Finished Floor Level (FFL)
	Field Drain (TBC)

REV	DRAWN	CHECK	REVISION COMMENTS	ISSUE DATE
P05	NJ	TST	Parking Bays amended	11/07/19
P04	SNN	TST	Site Boundary amended	19/06/19
P03	AC	TST	Site plan updated	15/03/19
P02	NJ	TST	Foul drainage amended	13/03/19
P01	EPR	TST	Initial issue	30/01/19

DRAWING TITLE
Proposed Drainage

SHEET NO.
1/1

PROJECT
Bunkers Hill
Kidlington
Oxon

S4 - TECHNICAL APPROVAL

CLIENT
KEBLE HOMES

Infrastruct CS Ltd

The Stables, High Cogges Farm, High Cogges, Witney, OX29 6UN - Tel: 01993 709709: info@infrastructcs.co.uk

SCALE @ A1: 1:250 (0m 6.25m 12.5m)

ENGINEER: TST
DRAFT: NJ
APPROVED: DJ

PROJECT NUMBER	STATUS	DATE
3287	S4	November 18

PROJECT	ORIGIN	PHASE	LEVEL	TYPE	ROLE	NO.	REVISION
BUNK	ICS	01	XX	DR	C	003	P05