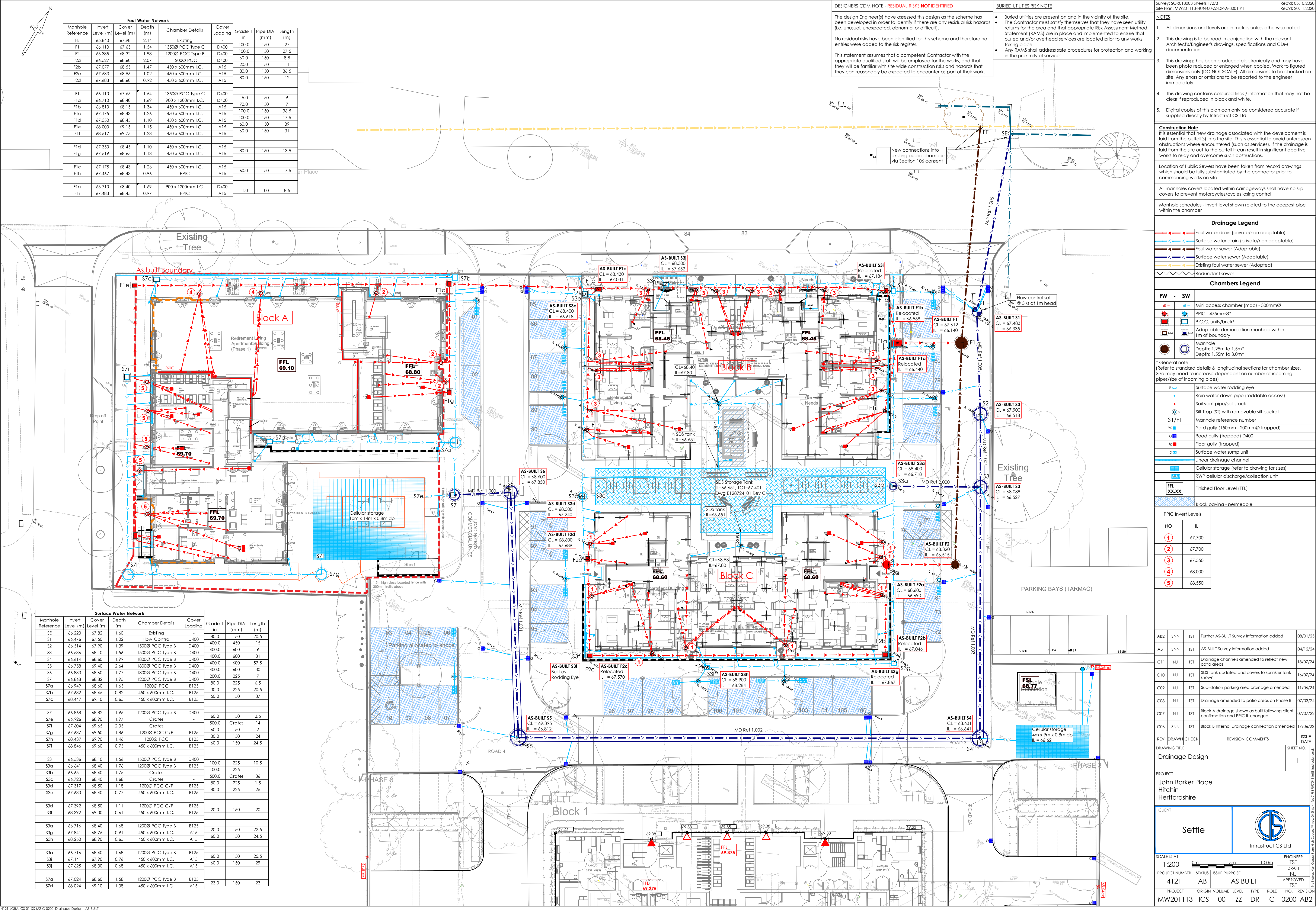




DESIGNERS CDM NOTE - RESIDUAL RISKS NOT IDENTIFIED

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.

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.

- 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.
 - 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 adverse 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

Manhole schedules - Invert level shown related to the deepest pipe within the chamber

Drainage Legend

	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)
	Redundant sewer

Chambers Legend

FW - SW	
	Mini access chamber (mac) - 300mmØ
	PPIC - 475mmØ*
	P.C.C. units/brick*
	Adoptable demarcation manhole within 1m of boundary
	Manhole
	Depth: 1.25m to 1.5m*
	Depth: 1.55m to 3.0m*

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

	Surface water rodding eye
	Rain water down pipe (roddable access)
	Soil vent pipe/soil stack
	Silt Trap (ST) with removable silt bucket
	Manhole reference number
	Yard gully (150mm - 200mmØ trapped)
	Road gully (trapped) D400
	Floor gully (trapped)
	Surface water sump unit
	Linear drainage channel
	Cellular storage (refer to drawing for sizes)
	RWP cellular discharge/collection unit
	Finished Floor Level (FFL)

Block paving - permeable

PPIC Invert Levels

NO	IL
1	67.700
2	67.700
3	67.550
4	68.000
5	68.550

AB2	SNN	TST	Further AS-BUILT Survey Information added	08/01/25
AB1	SNN	TST	AS-BUILT Survey Information added	04/12/24
C11	NJ	TST	Drainage channels amended to reflect new patio areas	18/07/24
C10	NJ	TST	SDS tank updated and covers to sprinkler tank shown	16/07/24
C09	NJ	TST	Sub-Station parking area drainage amended	11/06/24
C08	NJ	TST	Drainage amended to patio areas on Phase B	07/03/24
C07	NJ	TST	Block A drainage shown as built following client confirmation and PPIC IL changed	07/07/22
C06	SNN	TST	Block B Internal Drainage connection amended	17/06/22

Drainage Design

PROJECT
John Barker Place
Hitchin
Hertfordshire

CLIENT
Settle

Infrastruct CS Ltd

SCALE @ A1
1:200

PROJECT NUMBER
4121

STATUS
AB

ISSUE PURPOSE
AS BUILT

PROJECT
MW201113

ORIGIN VOLUME
00

LEVEL
ZZ

TYPE
DR

ROLE
C

NO. REVISION
0200 AB2

ENGINEER
TST

DRAFT
NJ

APPROVED
TST

DATE

SHEET NO.
1