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 drawing has been produced electronically and may have been photo reduced or enlarged when copied. Work to figured dimensions only (DO NOT SCALE - EXCEPT FOR PLANNING PURPOSES). 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.

Drainage Key

Sewers

	Foul water drain (private/non adoptable)
	Surface water drain (private/non adoptable)
	Foul water sewer (Adoptable)
	Surface water sewer (Adoptable)
	Highway drain (Adoptable)
	Foul rising main
	Existing foul water sewer (Adopted)
	Existing surface water sewer (Adopted)

Chamber Key

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
S1/F1	Manhole reference number
	Road gully (trapped) D400
	Tree root protection zone
	Headwall
FFL XX.XX	Finished Floor Level (FFL)
	Tanked Permeable paving
	Roof areas. Calculations assume area to double in the final arrangement.
	Road areas
	Detention basins and swales
	Flood exceedance routing

Oil Bypass Separator

Detention Basin (7)
Total Basin Area = 1,200m2
Top level = 88.00mAOD
Base Level = 87.00mAOD

Flow Control Chamber
Max Outflow = 15l/s

Oil bypass Separator

Flow Control Chamber
Max Outflow = 22.7l/s

Discharge into the ditch, subject to land drainage consent from the Local Authority.
Invert Level = 84.90mAOD

Foul Water Pumping Station Type 4

Ditch to be diverted

New culvert under the road

Oil bypass Separator

Detention Basin (4)
Total Basin Area = 2,700m2
Top level = 86.20mAOD
Base Level = 85.20mAOD

Sht 1
Sht 2
Sht 3
SCALE 1:5000
SHEET KEY

REV	DRAWN	CHECK	REVISION COMMENTS	ISSUE DATE
P04	NJ	MBD	Infiltration based solution changed to attenuation	18/05/26
P03	NJ	MBD	Amended with latest architectural layout	25/02/25
P02	NJ	MBD	Amended with latest architectural layout	20/05/22

DRAWING TITLE: Drainage Design
SHEET NO.: 2/3

PROJECT
Land East of Park View
Woodstock
Oxon

CLIENT: BLENHEIM ESTATE

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

SCALE @ A1: 1:500 (0m, 12.5m, 25.0m)
ENGINEER: MBD
DRAFT: NJ
APPROVED: TST

PROJECT NUMBER	STATUS	ISSUE PURPOSE
4763	S2	INFORMATION

PROJECT	ORIGIN	PHASE	LEVEL	TYPE	ROLE	DWG NO	REVISION
PARK	ICS	01	XX	DR	C	0201	P04

4763-PARK-ICS-01-XX-M2-C-0001_Drainage Strategy