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.

Survey: 8161071-4100 Rec'd: 19.04.2021
Site Plan: pf/772517 Rec'd: 26.04.2021

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

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

Drainage Key

Sewers

(red dashed arrow line)	Foul water drain (private/non adoptable)
(blue dashed arrow line)	Surface water drain (private/non adoptable)

Chamber Key

FW/SW

FW	SW	
mac	mac	Mini access chamber (mac) - 300mmØ
⊗	⊗	PPIC - 475mmØ*

* 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)

RE	Surface water rodding eye
+	Rain water down pipe (roddable access)
+	Soil vent pipe/soil stack
⊗ ST	Silt Trap (ST) with removable silt bucket
G	Road gully (trapped) D400
S	Surface water sump unit
	Linear drainage channel
	Cellular storage (refer to drawing for sizes)
S1/F1	Manhole reference number
	Non-permeable asphalt access road
	Gravel driveway

Note
All drainage pipework to be 100mmØ unless otherwise stated on drawing

SOAKAWAY TABLE

REF	COVER LEVEL	SUMP LEVEL	DIMENSIONS
ARSA	125.150	122.650	1800mmØ
SA1	125.100	123.700	5m (l) x 2m (w) x 0.8m (dp)
SA2	125.100	123.700	5m (l) x 2m (w) x 0.8m (dp)
SA3	125.200	123.800	5m (l) x 2m (w) x 0.8m (dp)
SA4(F)	125.200	123.800	4m (l) x 1m (w) x 0.8m (dp)
SA4(R)	125.200	123.800	2m (l) x 2.5m (w) x 0.8m (dp)

Sized to accommodate 1 in 100 year storm with additional 40% for climate change. Recorded lowest infiltration rate of 1.01 E -0.4m/s

REV	DRAWN	CHECK	REVISION COMMENTS	ISSUE DATE
P01	AC	DJ	Initial issue	09/06/21

DRAWING TITLE: Engineering Layout
SHEET NO.: 1/1

PROJECT: North Farm, Stonesfield

CLIENT: EMPIRE HOMES

Infrastruct CS Ltd

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

SCALE @ A1: 1:200 (0m 5m 10.0m)
ENGINEER: DJ
DRAFT: AC
APPROVED: TST

PROJECT NUMBER	STATUS	ISSUE PURPOSE
4456	S2	INFORMATION

PROJECT	ORIGIN	PHASE	LEVEL	TYPE	ROLE	NO.	REVISION
NFSO	ICS	01	XX	DR	C	0200	P01

4456-NFSO-ICS-01-XX-M2-C-0200_Engineering Layout