DO NOT SCALE

NEW CONNECTION INTO EXISTING FOUL WATER MANHOLE. FLOW RATE MAX 3.4 l/s. CONNECTION SUBJECT TO STOG APPROVAL BY SOUTHERN WATER.

EXISTING MH CL:31.67 IL:28.28

ASSUMED ROUTE OF EXISTING 150mm FOUL SEWER

ASSUMED ROUTE OF EXISTING 150mm FOUL SEWER

RECTORY LANE

43°37'25

MANHOLE S2 TO CONTAIN A VORTEX FLOW CONTROL DEVICE TO LIMIT FLOWS TO A MAXIMUM 1.0L/S FOR ALL STORM EVENTS UP TO AND INCLUDING THE 1 IN 100 YEAR STORM EVENT PLUS A 40% ALLOWANCE FOR CLIMATE CHANGE

PROPOSED 197.4m² BY 0.65m DEEP POROUS SUB-BASE WITH MIN 30% VOID RATIO, POROUS SUB-BASE DESIGNED TO SERVE ALL STORM EVENTS UP TO AND INCLUDING THE 1 IN 100 YEAR STORM EVENT PLUS A 40% ALLOWANCE FOR CLIMATE CHANGE.

EXISTING MANHOLE COVER AND FRAME TO BE ADJUSTED TO SUIT THE PROPOSED LEVELS. CONTRACTOR TO ALLOW FOR REBUILDING THE CHAMBER IF NECESSARY. EXISTING FOUL FLOW TO BE REDIRECTED THROUGH PROPOSED DRAINAGE ROUTE AND REDUNDANT PIPES TO BE REMOVED WHERE POSSIBLE.

RWDP CONNECTED DIRECTLY INTO PROPOSED DRAINAGE CHANNEL

RWDP CONNECTED DIRECTLY INTO PROPOSED DRAINAGE CHANNEL

MANHOLE S17 TO CONTAIN A VORTEX FLOW CONTROL DEVICE TO LIMIT FLOWS TO A MAXIMUM 1.0L/S FOR ALL STORM EVENTS UP TO AND INCLUDING THE 1 IN 100 YEAR STORM EVENT PLUS A 40% ALLOWANCE FOR CLIMATE CHANGE

PROPOSED 599m² BY 0.66m DEEP POROUS SUB-BASE WITH MIN 30% VOID RATIO, POROUS SUB-BASE DESIGNED TO SERVE ALL STORM EVENTS UP TO AND INCLUDING THE 1 IN 100 YEAR STORM EVENT PLUS A 40% ALLOWANCE FOR CLIMATE CHANGE.

3m Easement

KAROJA
general roofoutline

PLOT 1
PLOT 2
PLOT 3
PLOT 4
PLOT 5
PLOT 6
PLOT 7
PLOT 8
PLOT 9-15
PLOT 16-22

FFL 31.85
FFL 31.75
FFL 31.90
FFL 31.55
FFL 31.60
FFL 31.10
FFL 31.70
FFL 31.40
FFL 31.20
FFL 30.75
FFL 31.05
FFL 31.25
FFL 30.55
FFL 32.00

no.12

SITE LOCATION PLAN

SCALE 1:2000

P23-961-10
P23-961-11
P23-961-12

DRAINAGE LEGEND

- RG — Trapped road gully
- G — Trapped yard gully
- FG — Internal gully to Architects specification
- CG — Channel drain and trapped outfall unit
- ST — Surface Water Silt Trap
- RE — Surface water rodding eye
- 150mm 1/100 — Surface water drain
- Gravel Filter Strip
- 150mm 1/100 — Foul water drain
- Foul water rising main
- S1 — Surface water inspection chamber
- F1 — Foul water inspection chamber
- Surface water catchpit manhole
- Surface water manhole
- Foul water manhole
- Denotes extent of permeable block paved car park.
- Site Boundary.
- Root protection area
- Ditch Maintenance Easement
- FW Drain to be removed

C4	UPDATED TO SUIT CLIENT COMMENTS.	ER	04.04.25
C3	DRAINAGE EASEMENT ADDED TO PLAN, DRAINAGE LAYOUT UPDATED TO SUIT LLFA COMMENTS.	ER	28.03.25
C2	UPDATED TO SUIT LATEST HOUSE TYPE DRAWINGS	JI	31.01.25
C1	CONSTRUCTION ISSUE	ER	13.12.24
T4	UPDATED TO SUIT THE UPDATED LOCATION OF SUB STATION AND DRAINAGE UPDATES TO SUIT COUNCIL COMMENTS.	ER	05.12.24
T3	UPDATED TO INCLUDE CHANCTONBURY LODGE FOUL DRAINAGE IN THE PROPOSED NETWORK AND UPDATED TO SUIT NHBC STANDARDS.	ER	19.08.24
T2	UPDATED TO SUIT LATEST ARCHITECTS LAYOUT AND INCORPORATE LATEST UTILITY SURVEY: ENC – 180624–334502	ER	07.06.24
T1	INITIAL ISSUE	ER	01.03.24
MK	REVISION	BY	DATE

DRAWING STATUS

CONSTRUCTION

DRAWING TITLE

DRAINAGE LAYOUT
SHEET 1 OF 3

PROJECT

CHANCTONBURY NURSERY, RECTORY LANE, ASHINGTON, WEST SUSSEX

simpson | tws
Unit B10
Elmbridge Court Business Park
Gloucester GL3 1JZ
T: 01452 309 727
E: mail@simpsoneng.com
W: www.simpsoneng.com
London, Henley-on Thames, Gloucester

Drawn	Ch'kd	Scales	Date
ER	AU	1:200 @ A1	MAR 2024

Purpose of Issue
FOR CONSTRUCTION

Project Number	Drawing Number	Revision
P23-961	10	C4

A1