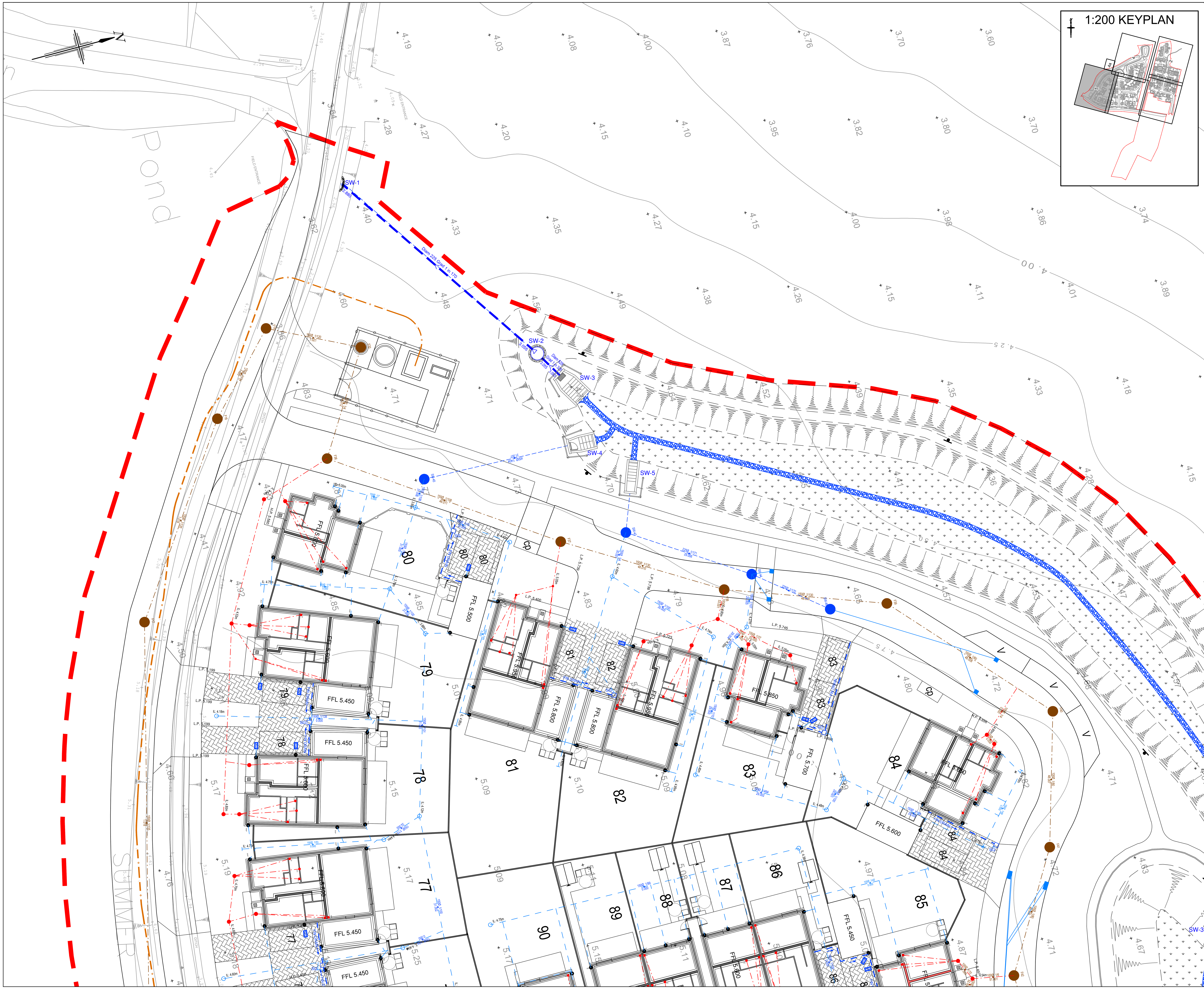

NOTES

1. All dimensions are in metres unless stated otherwise.
2. Do not scale from this drawing. Only written dimensions are to be used.
3. FW & SW house drainage is to be constructed in accordance with the Building Regulations & BS8301 & the WRC Guide Sewers for Adoption 6th Edition and interim addendum.
4. Drains are to be constructed using flexibly jointed vitrified clay pipes to BS EN 295-1991 "Super Strength" specification (e.g. Hepworth Supersleve or similar) or uPVC drainage pipework to BS4660 & BS2494, bedded & backfilled in accordance with manufacturers instructions.
5. Location of sewers & lateral drains to be in accordance with the WRC Guide Sewers for Adoption 6th Edition and Interim Addendum and specific requirements of Southern Water.
6. Backfilling of drain trenches adjacent to dwelling or other structure to be in accordance with BS8301-Fig. 9.
7. Cover levels indicated on the Drainage Schedules are nominal & may be adjusted to suit finished ground levels as necessary.
8. Generally Inspection chamber covers should be Grade D400 in trafficked areas Grade B125 in parking areas and occasional traffic and A15 in pedestrian only areas.
9. Rainwater downpipes to be connected direct to drain using an appropriate adaptor & removable section of downpipe to permit rodding access.
10. The positions of SVP's, stub stacks, WC outlets, Back inlet gullies etc. & rainwater downpipes are to be accurately located from the house type working drawings.
11. Generally FW drains are to be laid to falls of 1 in 40, SW drains are to be laid to falls of 1 in 60, both in 100mm diameter pipes. SW pipes are to be 150mm diameter when serving 2 dwellings or 2 RWP connections. FW pipes are to be 150mm diameter when serving 10 dwellings or more unless stated otherwise, or where a schedule is provided.
12. 100mmØ Drains are to be laid to minimum fall of 1 in 80 and 150mmØ Drains are to be laid to minimum fall of 1 in 150.
13. Gullies situated in areas accessible to wheeled vehicles to be of suitable construction for trafficked areas.
14. Where land drain is identified on the Architect's details, connect into nearest SW system.
15. Where catch pits have been shown in rear gardens connecting to land drains, 600mm PPIC catchpit to be used.
16. This drawing should be read in conjunction with the Architect's and Structural Engineer's design drawings and specification.
17. Site layout based on Kenn Scaddan Associates Ltd site plan issued to RCP in DWG format on 04.02.2020.
18. Architectural blocks based on Kenn Scaddan Associates Ltd received 11.02.2020.
19. Topographic Survey as per Siteline Level Survey, drawing number 657PG01 dated July 2012.
20. Additional topographic Survey as per ADA Solutions Ltd Topographical Survey, drawing number 0614-HP2-T1 dated June 2014.
21. Ditch survey based on Siteline Ditch Level Survey drawing number 657PG05 dated 30.01.19
22. Tree Protection areas as per Abbor-Call Tree Survey, Drawing Number MW.190612.TS dated July 2019.
23. This drawing should be read in conjunction with Foul and Surface Water Water Sewer Longitudinal Sections (DSM/E4761/201-203 & 220-221), FW and SW Manhole Schedules & S104 Construction Details (DSM/E4761/410-411), and other Domestic Drainage Layouts (DSM/E4761/451-455)
24. Where backdrop is less than 1.0m for domestic drainage, backdrop to be accommodated with internal benching.
25. ***ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.***

TYPE	DEPTH RANGE	DESCRIPTION	TYPE	DEPTH RANGE	DESCRIPTION
3	0.6m to 3.0m	min. 450mm diameter Flexible or Rigid access chamber (Non Entry) in areas subject to vehicle loading	6	0.6m to 1.0m	min. 450mm diameter Flexible / Rigid access chamber (Non Entry)
4	0.6m to 3.0m	min. 450mm diameter Flexible / Rigid access chamber (Non Entry) in areas subject to light vehicle loading	7	0.6m to 2.0m	min. 450 or 450x450mm diameter Flexible access chamber (Non Entry)
5	0.6m to 1.0m	min. 450mm diameter Flexible / Rigid access chamber (Non Entry)	8	0.0m to 0.6m	min. 190 or 225x100mm diameter Flexible access chamber (Non Entry)
LOCATION	CODE	COVER GRADE	RE		Rodding point at head of drain
Road	R	D400			
Driveway	D	B125			
Garden	G	A15			

KEY

Site Boundary Site Boundary based on Kenn Scaddan Associates Ltd site plan issued to RCP in DWG format on 04.02.2020 Site Boundary

FFL = Plot/Garage Finished Floor Level — FFL=5.950

Main Surface Water Manhole & Sewer — SW-42

Main Foul Water Manhole & Sewer — F36

A

Private Surface Water Control Chamber — Hydrobrake

Private Surface Water Domestic Drainage

Private Foul Water Domestic Drainage

House connection via 300mm dia. shallow access chamber not more than 600mm deep *(Based on an assumed floor make-up of 150mm insulation, 75mm screed & 150mm Beam & Block Floor).*
In the event that conditions on-site result in maximum depth of 600mm being exceeded, then Type 5 chambers to be used.

Internal Foul Connections
Soil Vent Pipe — SVP
Soil Pipe — SP
Sealed Floor Gully — SFG

Rodding Eye

Highway Gully and Ø150 Connection — RG

Root Protection Area
(*Based on* Abbor-Call Tree Survey, Drawing Number MW.190612.TS dated July 2019).

Rising Main Subject to pumping station detail design

Extent of Permeable Paving

A

Direction of fall of Permeable Paving Sub Base formation

CDM NOTES

1. EXISTING SERVICES. Depth of existing services must be determined prior to works commencing. The contractor is responsible for establishing underground services in accordance with HSE Guidance note HS (G) 47. Any services which would be within the proposed construction layers must be lowered to below the sub-base.

0m 2m 4m 8m 12m 16m 20m

SCALE BAR 1:200 at A1

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Rev.	Date	Details	By	Chkd	Appd
A	06.03.20	Remainder of site drainage indicated. Key updated.	GD-I	LD	TS

Client:- DREW SMITH LIMITED

Site:- SUMMER LANE PAGHAM

Drawing Title:- DOMESTIC DRAINAGE LAYOUT

Sheet 5 of 5

Date: December 2019 | Scales: 1:200 at A1

Drawn: RM | Checked: LD | Approved: TRS

Drawing No. DSM/E4761/455 A

INITIAL TENDER ISSUE

SUBJECT TO PLANNING APPROVAL

RCP ARCHITECTURE & CIVIL ENGINEERING
Rogers Cory Partnership
Architectural and Civil Consultants
The Old School Old School Road
Hook Hampshire RG27 9NJ
T: 01256 769269 E: mail@rcpconsultants.co.uk W: rcpconsultants.co.uk

ARUN DISTRICT COUNCIL P/37/20/DOC