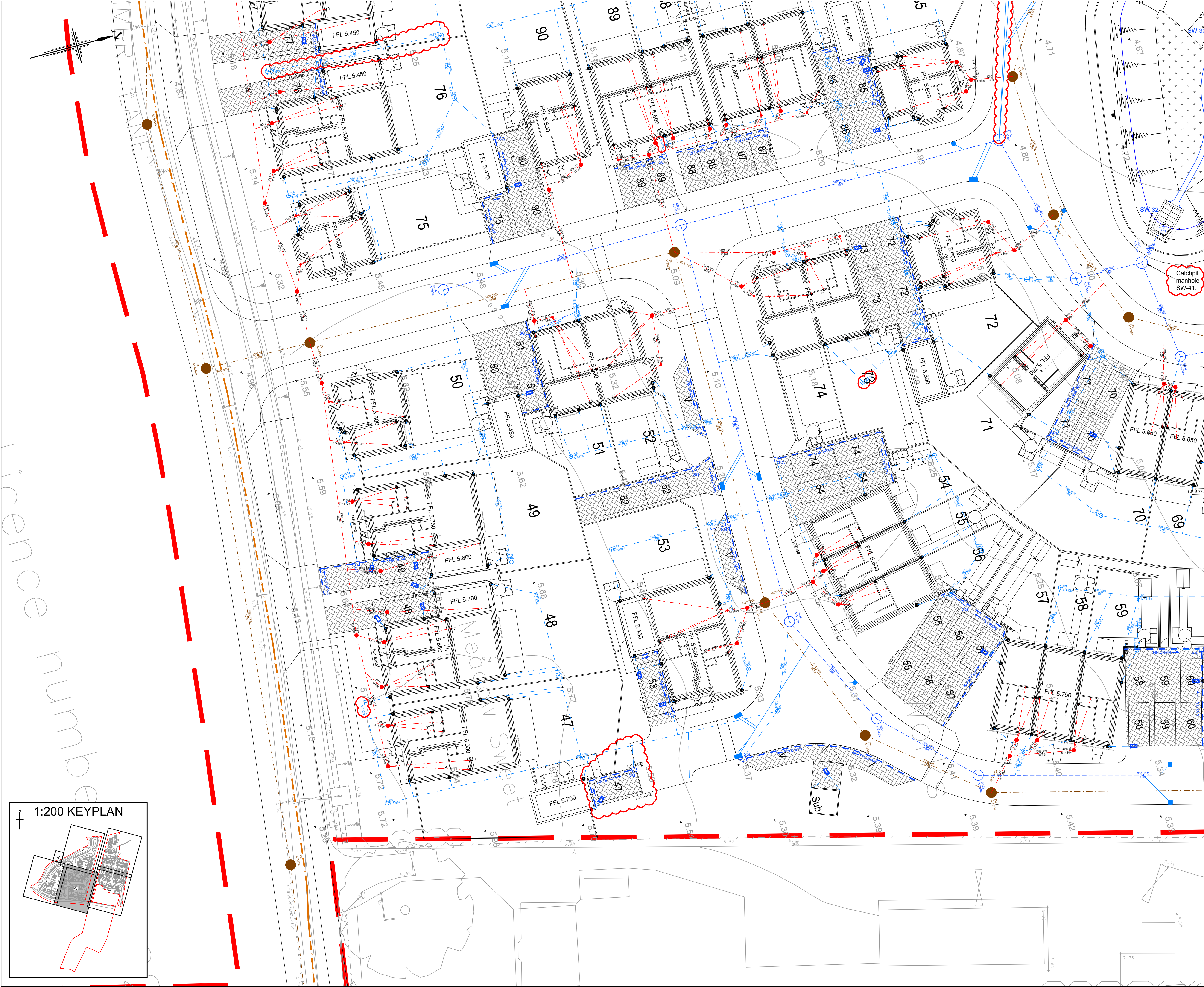




NOTES

- All dimensions are in metres unless stated otherwise.
- Do not scale from this drawing. Only written dimensions are to be used.
- F.W. & S.W. house drainage is to be constructed in accordance with the Building Regulations & BS8301 & the WRc Guide Sewers for Adoption 6th Edition and Interim addendum.
- Drains are to be constructed using flexible jointed vitrified clay pipes to BS EN 285-1991 "Super Strength" specification (e.g. Hesporth Superstrength or similar) or uPVC drainage pipework to BS4549 & BS5344, bedded & backfilled in accordance with manufacturers instructions.
- 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.
- Backfilling of drain trenches adjacent to dwelling or other structure to be in accordance with BS2011 Fig. 9.
- Cover levels indicated on the Drainage Schedules are nominal & may be adjusted to suit finished ground levels as necessary.
- Generally inspection chamber covers should be Grade D402 in trafficked areas Grade B125 in parking areas and occasional traffic and A15 in pedestrian only areas.
- Rainwater downpipes to be connected direct to drain using an appropriate adaptor & removable section of downpipe to permit rodding access.
- The positions of SVPs, sub stacks, WC outlets, Back inlet gullies etc. & rainwater downpipes are to be accurately located from the house type working drawings.
- Generally PW 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. PW pipes are to be 150mm diameter when serving 15 dwellings or more unless stated otherwise, or where a schedule is provided.
- 100mmD Drains are to be laid to minimum fall of 1 in 80 and 150mmD Drains are to be laid to minimum fall of 1 in 150.
- Gullies situated in areas accessible to wheeled vehicles to be of suitable construction for trafficked areas.
- Where land drain is identified on the Architect's details, connect into nearest SW system.
- Where any gully has been shown in the drawings connecting to land drains, add a 45 degree PPG catchpit to be used.
- All connections not made to manholes to be connected via culverts at 45 degree junctions.
- Where a culvert is shown with a gully unless otherwise stated.
- This drawing should be read in conjunction with the Architect's and Structural Engineer's design drawings and specification.
- Site layout based on Kern Scotland Associates Ltd site plan issued to RCP in DWG format on 04.02.2020.
- Architectural blocks based on Kern Scotland Associates Ltd received 11.02.2020.
- Topographic Survey as per Slinn Level Survey, drawing number 657PG01 dated July 2012.
- Additional topographic Survey as per AEA Solutions Ltd Topographical Survey, drawing number 0614-HP2-T1 dated June 2014.
- Ditch survey based on Slinn Ditch Level Survey drawing number 657PG05 dated 30.01.19.
- Tree Protection areas as per Arbor-Call Tree Survey, Drawing Number MW/190612 TS dated July 2019.
- This drawing should be read in conjunction with Foul and Surface Water Sewer Longitudinal Sections (DSM/E4761/201-203 & 220-221) F.W. and S.W. Manhole Schedules & S104 Construction Details (DSM/E4761/410-411), and other Domestic Drainage Layouts (DSM/E4761/451-455).
- When backfilling is less than 1.0m for domestic drainage, backfill to be accommodated with internal benching.
- ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.**

TYPE	DEPTH RANGE	DESCRIPTION	TYPE	DEPTH RANGE	DESCRIPTION
1	0.6m to 3.0m	min. 450mm diameter Flexible or Rigid access chamber (Non Entry) in areas subject to vehicle loading	7	0.6m to 1.5m	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	8	0.6m to 2.0m	min. 450 or 600mm diameter Flexible access chamber (Non Entry)
5	0.6m to 1.0m	min. 450mm diameter Flexible / Rigid access chamber (Non Entry)	9	0.6m to 0.6m	min. 100 or 250mm diameter Flexible access chamber (Non Entry)

LOCATION	CODE	COVER GRADE	RE	RODDING POINT
Roof	R	D402		
Driveway	D	B125		
Garden	G	A15		

KEY

Site Boundary Site Boundary based on Kern Scotland Associates Ltd site plan issued to RCP in DWG format on 04.02.2020 Site Boundary

F.F.L. = Finished Floor Level

Main Surface Water Manhole & Sewer

Main Foul Water Manhole & Sewer

Private Surface Water Control Chamber

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 & 100mm Beam & Block Floor).

In the event that conditions on-site result in maximum depth of 600mm being exceeded, then Type 2 chambers to be used.

Rodding Eye

Highway Gully and Ø150 Connection

Road Protection Area (Based on Arbor-Call Tree Survey, Drawing Number MW/190612 TS dated July 2019)

Rising Main Subject to pumping station detail design

Extent of Permeable Paving

Direction of fall of Permeable Paving Sub Base formation

CDM NOTES

- 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.

SCALE BAR 1:200 at A1

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Rev	Date	Details	By	Chkd	Appd
C	05.06.20	Updated in accordance with drainage comments received from Arun District Council on 12/05/2020.	NW	AC	TRS
B	06.04.20	Updated to Latest substructures	PJ	LD	TS
A	06.03.20	Remainder of site drainage indicated. Key updated.	GD	LD	TS

Client:-

DREW SMITH LIMITED

Site:- **SUMMER LANE PAGHAM**

Drawing Title:- **DOMESTIC DRAINAGE LAYOUT**

Sheet 3 of 5

Date: December 2019 Scales: 1:200 at A1

Drawn: RM Checked: LD Approved: TRS

Drawing No. **DSM/E4761/453 C**

INITIAL TENDER ISSUE

SUBJECT TO PLANNING APPROVAL

RCP 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

