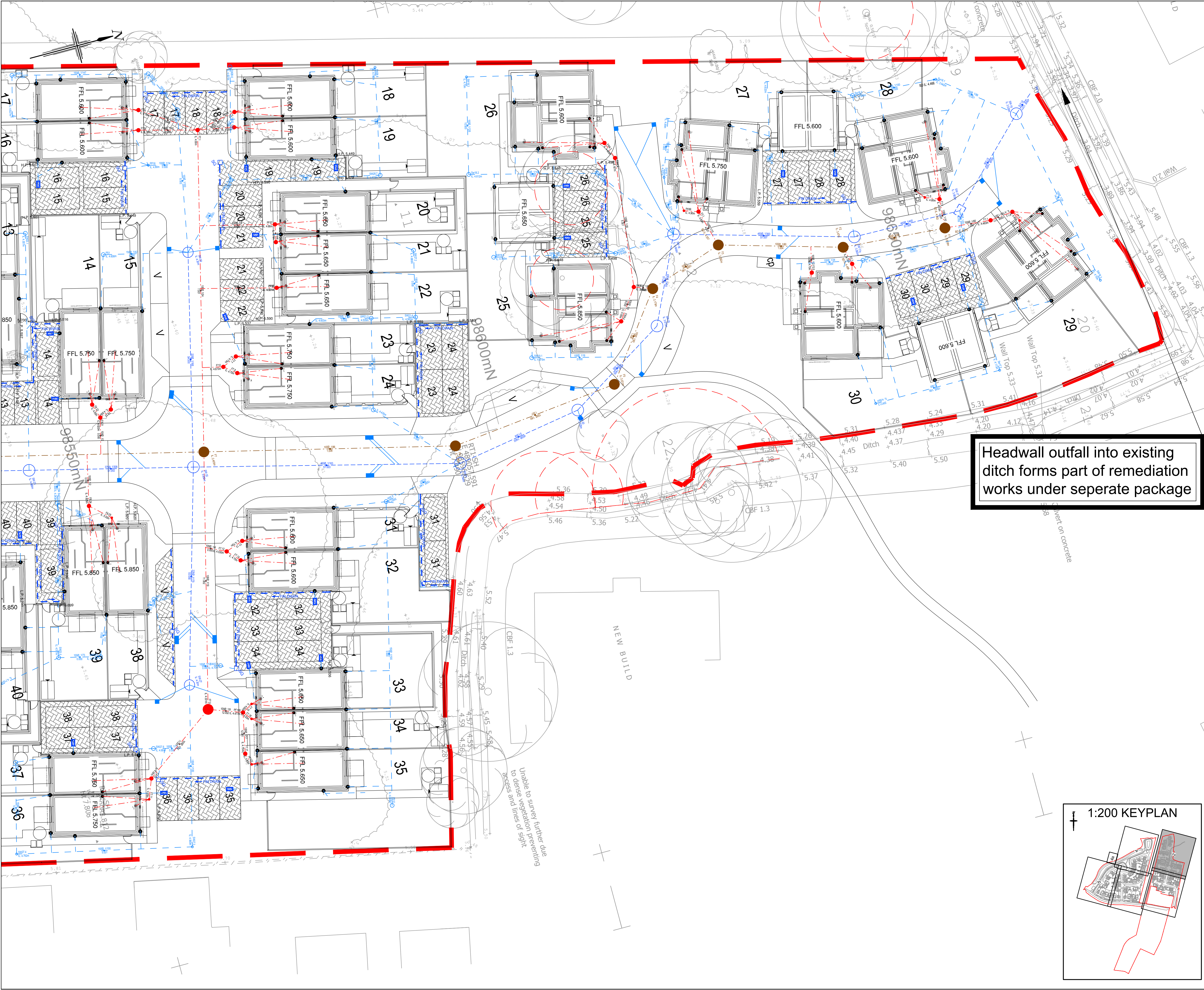




NOTES

- All dimensions are in metres unless stated otherwise.
- Do not scale from this drawing. Only written dimensions are to be used.
- 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.
- Drains are to be constructed using flexible jointed vitrified clay pipes to BS EN 205-1991 'Super Strength' specification (i.e. Hagerorth Superstrength or similar) or uPVC drainage pipework to BS4540 & BS5304, 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 D405 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 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 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 catch pits have been shown in new gardens connecting to land drains, 400mm PPVC catchpit to be used.
- All connections not made to manholes to be connected via oblique 45 degree junctions.
- All pipes to connect with a fall to suit 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 based on Encampment Survey Topographical Survey, drawing number ENC/270420/6J7D dated May 2020.
- Ditch survey based on Shetler Ditch Level Survey drawing number 65/P025 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/E4761/452-1-455) & 220-221, FW and SW Manhole Schedules & S104 Construction Details (DSM/E4761/410-411), Drainage Construction Details (DSM/E4761/412 & 419) and other Domestic Drainage Layouts (DSM/E4761/41-455).
- Any backdrop is less than 1.0m for domestic drainage, backdrop 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 2.0m	min. 450mm diameter Flexible / Rigid access chamber (Non Entry) in areas subject to vehicular 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)		0.6m to 0.6m	min. 100 or 200mm diameter Flexible access chamber (Non Entry)
LOCATION	CODE	COVER GRADE	RE		
Roof		D405			
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
- FFL = PhotoGraph 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 & 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.
- Rodding Eye
- Highway Gully and O150 Connection
- Sump Gully and and O150 Connection
- 'Permeable' Diffuser Unit or equivalent approved
- Rod 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
- FFL=5.950
- Hydrobrake
- RG
- SG
- NS
- Scale bar: 0m, 5m, 10m, 15m, 20m

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
D	14.07.20	Pipe numbers to Main Surface Water drainage updated. Sump gullies indicated on key and note 24 updated in accordance with drainage comments received from Arun District Council 07/07/2020. (Revision clouds omitted for clarity).	LD	TK	TRS
C	03.07.20	Pipe numbers to Main Surface Water drainage updated. Invert levels to SW-19 & SW-20 and gradient between SW-15 & SW-16 updated in accordance with drainage comments received from Arun District Council 23/06/2020. (Revision clouds omitted for clarity).	LD	TK	TRS

Client:-



Site:-	Drawing Title:-
SUMMER LANE PAGHAM	DOMESTIC DRAINAGE LAYOUT
Sheet 2 of 5	

Date:	December 2019	Scales:	1:200 at A1
Drawn:	RM	Checked:	LD
Approved:		TRS	

Drawing No. **DSM/E4761/452 D**

INITIAL TENDER ISSUE

SUBJECT TO PLANNING APPROVAL

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