

Outfall from new areas to the existing ditch to be restricted to 2.0l/s subject to Ordinary Water Consent.

Existing foul & surface water drainage to be retained subject to CCTV drainage survey results.

Final location and number of RWP's & SVP's to be confirmed by Architect.

All pipework shall be installed at a gradient of 1:80 unless noted otherwise

New RWP's indicated to drain the new roof areas and to retain separation between new & existing surface water drainage systems. Number & location subject to confirmation from Architects.

**General Notes:**

- This drawing is to be read in conjunction with all other SWP drawings, and with all relevant architect's and engineer's drawings and specification and any discrepancies found are to be reported immediately to the engineer.
- No dimensions are to be scaled from this drawing, unless noted otherwise all dimensions are in millimeters and all levels are in metres from the site datum.
- All dimensions to be checked on site. All details and dimensions relating to sub-contractors work must be checked and agreed between the sub-contractor or supplier and the general contractor.
- The electronic information from this drawing can not be guaranteed as dimensionally drawn exact. Figured dimensions must be used for setting out and detailing. SWP logos and company information must be removed from copies if information is re-used.
- The main contractor is responsible for the design of all temporary works, and is also responsible for the safe maintenance and stability of existing buildings at all times.
- The main contractor is responsible for all occurrences of ground water during the construction period.

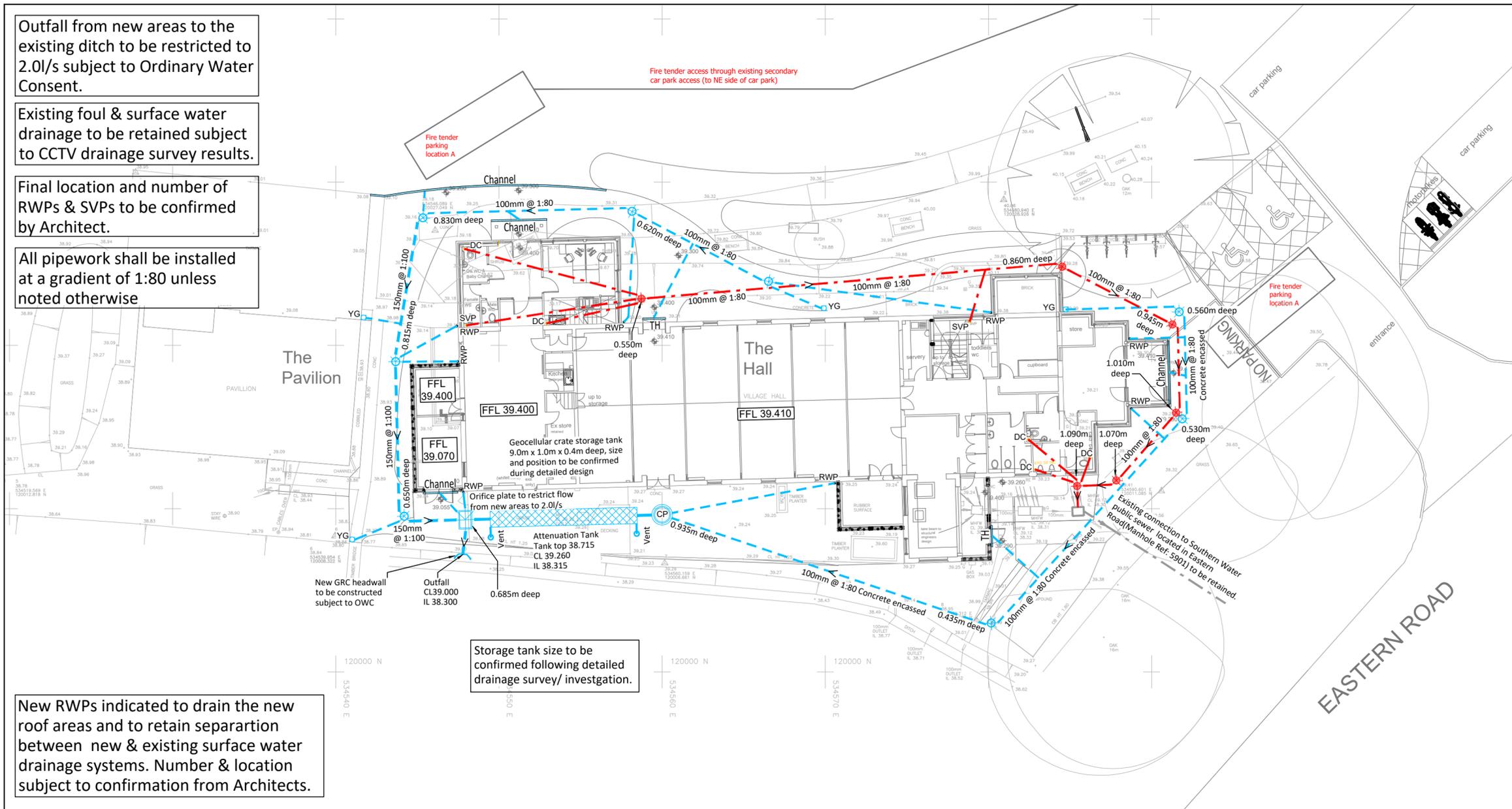
**Drainage Notes:**

- All drainage works to be constructed in strict accordance with specification of the local authority, building regulations, sewers for adoption, BS8301 & BSEN.752-1.
- For location and setting out of building drainage points refer to architects drawings.
- In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided.
- All private building drainage shall be constructed in strict accordance with BSEN.752-1.

- The main contractor is responsible for checking all information on site prior to work commencing and taking due care and attention whilst undertaking the works.
- The contractor must comply with all current legislation relating to health & safety.
- All products specified shall be installed in strict accordance with the manufacturers recommendations and instructions. If there are discrepancies between that information and the details on any SWP drawings, the manufacturers instructions must be used.

- All pipes, bends and junction for private building drainage shall be uPvc conforming to BS4660 and BS5481 as appropriate and shall be laid in accordance with the manufacturer's specification. All pipes, bends and junction materials for adoptable drainage shall be vitrified clay, extra strength or super strength to BSEN295, with flexible joints and Kitemark certified
- All back inlet gullies to be roddable or connected to inspection chambers.
- All gully connections other than at manholes to be 'y' junctions.
- All road gully connections to be 150mm diameter.
- All stub stacks to be fitted with air admittance valves where branch drain exceeds 12m except at the head of the run. Soil vent pipes located at the head of a run to terminate to fresh air.
- All connections to be soffit to soffit unless otherwise noted.
- All concrete and concrete products to be in accordance with BRE 363 for sulphates.
- The locations of all SVP's and RWP's shall be cross referenced against the architects drawings during setting out.

- Before connections are made to existing public sewers a Section 106 Application must be made to the appropriate sewerage provider.
- The precise depth and location and size of existing pipes or manholes where connections or diversion are proposed must be confirmed and reported to the engineer at the earliest opportunity.
- Surface water from private drives must not drain on to the proposed or existing public highway and vice versa.



Drawing Legend	
Surface Water Drainage	
	Proposed surface water drainage
	Type 3 inspection chamber.
	Type 1-2 precast concrete ring manhole (CP denotes Catchpit)
	Type 3 precast concrete inspection chamber with orifice plate flow restriction.
	Channel Drain.
	Threshold Drain.
	RWP Location
	Impermeable cellular storage tank (Vented) (This system is lined with an impermeable membrane and is fully sealed against the ingress of groundwater).
	Cellular storage tank vent (To be positioned in non-trafficed location)
	Yard gully (300Ø x 600dp, trapped)
	GRC Headwall
Foul Water Drainage	
	Existing foul water sewer Size, depth and location T.B.C
	Proposed foul water drainage
	Type 3 inspection chamber. 450Ø
	SVP location
	Direct connection location
	Foul gully.

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**TENDER ISSUE**

REV.	DATE	DESCRIPTION
T1	22.07.20	DRAINAGE AMENDED IN ACCORDANCE WITH NEW LAYOUT
T-	31.05.19	TENDER ISSUE

CLIENT COMMERCIAL FREEHOLDS & INVESTMENTS
ARCHITECT CROWTHER ASSOCIATES LLP
JOB TITLE WIVELSFIELD VILLAGE HALL HAYWARDS HEATH
DRAWING TITLE <b>DRAINAGE STRATEGY</b>
SCALE AT A2 1-200
DATE MAY 19
ENG. JWM
DRAWN JWM
CHECKED DG



JOB No. E7473	DRAWING No. 201	REV. T1
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