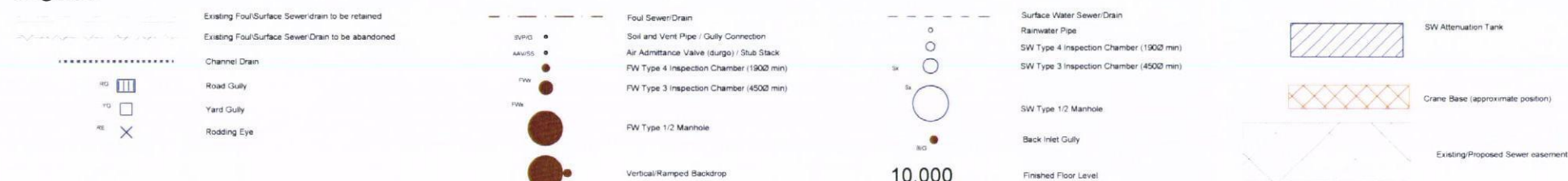


NOTES

- 1 This drawing is to be read in conjunction with drawing Nos. F2062/01-25
- 2 Existing onsite drainage is shown on drawing F2062/01
- 3 All adopted drainage and connections to the sewer system are to be constructed in accordance with 'Sewers for Adoption' 7th Edition and the specific requirements of Southern Water, the Drainage Authority
- 4 Connection to the adopted drainage system, F/W & S/W is subject to the approval of Southern Water the Drainage Authority. Drainage SWS1-3 is to be offered for adoption subject to SW approval. All other drainage is to remain private
- 5 All pipes to be adopted, or connecting to adopted sewers, and/or situated under highway to be verified clay to BS EN 295 & BS65 (SWS only), or Concrete pipes to BS EN 1916 & BS5911 Part 1, or Thermoplastic Structured wall sewer pipes to WIS 4-35-01 (class Bk/sgm) and be capable of withstanding 4000 PSI jetting pressure
- 6 Cover levels shown are approximate. Covers and frames shall be set to finished ground levels and falls
- 7 All drainage to be constructed to BS EN 752:1999 and subject to the approval of Building Control/LPA and the Environment Agency
- 8 Gully and channel drain positions are liable to amendment when the design levels have been determined
- 9 All downpipes are to be sealed, ie connected directly to the stormwater drain. Access points to be provided 1m above ground level for external RWSPs and 1m above FFL for internal RWSPs
- 10 All below ground concrete to accord with ACCEC site classification of AC-1s
- 11 Acc channel drain to be K1005 with grade C250 Quicklock 'Heiguard' cast iron grating or equivalent, where adjacent to kerbing or within pedestrian areas. Elsewhere Acc channel drain to be Road Drain 100 Class F. All channel drain outlets to have oil traps
- 12 The Contractor should construct works in accordance with the Local Authority specification for the works they are to undertake
- 13 Road gully pipes are to be 150mm dia. with concrete surround and flexible joints, all other un-referenced pipes are assumed to be 100mm dia.
FW min gradient - 1 in 40 (100 dia) no VMC's connected
FW min gradient - 1 in 80 (100 dia) min 1 VMC connected
FW min gradient - 1 in 150 (150 dia) min 5 VMC's connected
SW min gradient - 1 in 100 (100/150 dia)
- 14 If any sub soil drainage systems are uncovered during the Works contact the Engineer for instructions. Generally sub soil drains affected are to be diverted around new Works and connected into the surface water drainage system. Pipe diameters and gradients are to be maintained
- 15 Before commencing construction the Contractor must check the invert levels of existing sewers to which connections are made. In addition the Contractor must locate and determine invert levels of the existing spurs to which connections are proposed. Additional spurn/branch connections are to be agreed with the relevant adopting authority. Any discrepancies are to be notified to the Engineer immediately prior to construction
- 16 Road reinstatements are to be to the Highway Authority approval
- 17 No private areas are to drain onto adoptable areas and vice versa
- 18 All redundant drainage to be abandoned once the Contractor and Client have satisfied themselves that no connections remain live. Drains and sewers less than 1.5m deep which are in open ground should as far as is practicable be removed. Other pipes should be sealed at both ends and at any other point of connection and solidly filled at intervals not exceeding 25m with grout (Class G3 or G4)

Legend



NOTE THE FOLLOWING:

- Southern Water Agreements**
1. SW Section 106 Foul & Surface Water Sewer Connections Approval:
 - 1.1. SW-Ref-xxx-dated-xx
 - 1.2. Direct Connection to FWS-FW2
 - 1.3. Direct Connection to SWS-SWS1
 2. SW Build Close to Agreement
 - 2.1. SW-Ref-xxx-dated-xx
 - 2.2. Refer to drawing F2062/04
 3. SW104 New SWS Adoption
 - 3.1. SW-Ref-xxx-dated-xx
 4. SW185 Ex Sewer Diversion
 - 4.1. SW-Ref-xxx-dated-xx
 - 4.2. Refer to drawing F2062/03

- CCTV Report**
5. Refer to drawing F2062/01

- SW Attenuation Tank - Spec and details (Wavin)**
6. Refer to Wavin-XXXX-dated-XXX

Flow control (Wavin)

7. Refer to Wavin-xxx-dated-xxx
 - 7.1. Max Flow of 5l/s @ +1.3m head



HULBERT ROAD
ROUNDAABOUT

MAUREPAS
WAY

ARNSIDE
ROAD

SUBJECT TO THE APPROVAL OF
LPA
BUILDING CONTROL/NHBC
Southern Water
S106 Sewer Connection (FW & SW)
Build Over Agreement potentially
S104 adoption
Sewer Requisition potentially

Subject to confirmation of the following
Off site Tree RPAs
Flood flow routes around building
Third party legal agreement for SWS drainage connection SWS1-3

SW Design Based on
1 100 year storm return period
2 Climate Change Allowance of 30%
3 5l/s max flow to SWS

A	Issued For BUDGET/APPROVAL ONLY	14/06/15
REV	Issued For BUDGET/APPROVAL ONLY	13/05/15
	DESCRIPTION	DATE

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PROJECT	CRL WATERLOOVILLE 127A/B LONDON ROAD WATERLOOVILLE HAMPSHIRE, PO7 7SH			
DRAWING	DRAINAGE LAYOUT			
FILE No	F2062/02	REV	A	
SCALE	1:125	DATE	MAY 15	INITIAL
			MH	CHD
This drawing is produced using AutoCAD. Only written dimensions are to be respected				