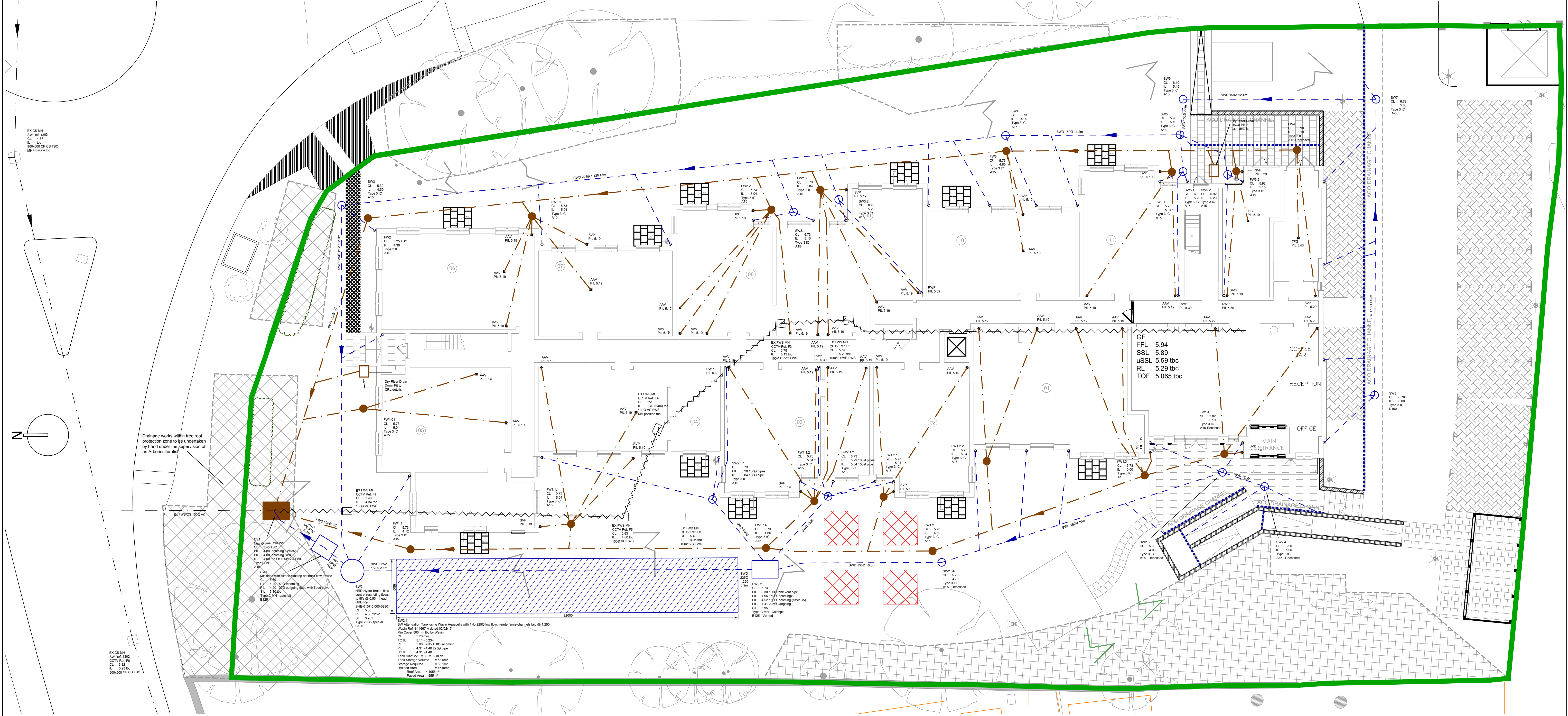
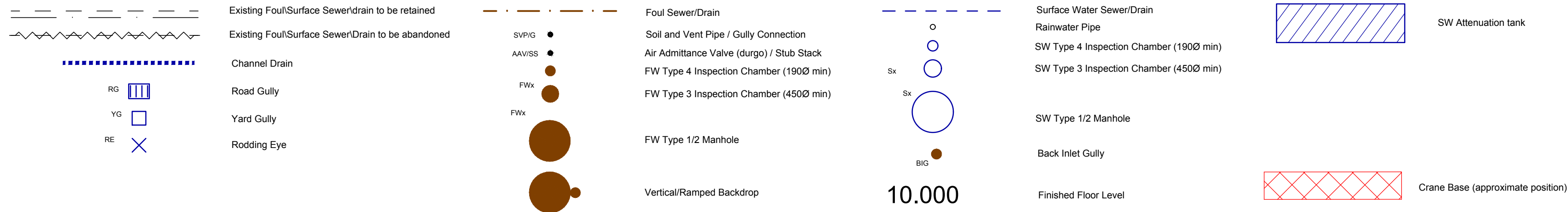




Legend



SUBJECT TO THE APPROVAL OF:
LPA
BUILDING CONTROL/NHBC

Subject to confirmation of the following:
Site levels
RWP positions and Ø
Crane Base
Foundations
Flow flood routes around building
Retaining Wall Positions

NOTE THE FOLLOWING:

Southern Water Agreements

- 1. SW Section 106 Foul & Storm Sewer Connections
 - 1.1. SW Ref SWS-SUSXW-S106-009634 dated 06/04/2017
 - 1.2. Direct connection to CS via new existing adopted MH within the site
 - 1.3. Mike Vince SW APM needs to inspect
 - 1.3.1. Mob 07803 259227 giving at least 2 working days notice
- 2. SW Sewer Abandonment Agreement
 - 2.1. SW Ref SWS-SUSXW-S185-002020 dated 07/03/17
 - 2.2. Refer to drawing F2505/03A

Wavin Attenuation Tank Design

- 3.1. Refer to Design & Details
 - 3.1.1. Dwg Ref: S14667-A dated 02/02/17

HRD Flow Control

- 4. HRD Flow control restricting flows to 5l/s @ 0.93m
 - 4.1. HRD Ref SHE-0107-5.000-0930

CCTV Report

- 5. Refer to drawing F2505/01

SW Design

- 1. Based on:
 - 1.1. 100 year storm return period with 30% climate change allowance
 - 1.1. Discharged to Combined Sewers - soakaways not viable on site
 - 1.2. Discharge restricted to 5l/s off site

FW Drainage Design

- 2. Proposed Loading from Site
 - 2.1. 38No Flats = 1.76 l/s Peak FW Flow (SFA)

NOTES

- 1. This drawing is to be read in conjunction with drawing Nos. F2505/01-25.
- 2. Existing onsite drainage is shown on drawing F2505/01.
- 3. All adopted drainage and connections to the sewer system are to be constructed in accordance with 'Sewers for Adoption' 6/7th Edition or as stipulated in the Southern Water Addendum.
- 4. Connections to the adopted drainage system are subject to the approval of Southern Water the Drainage Authority. Diverted, diverted, build close to/over sewers, and new sewers are 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 vitrified clay to BS EN 295 & BS65 (SWS only), or Concrete pipes to BE EN 1916 & BS5911 Part 1, or Thermoplastic Structured wall sewer pipes to WIS 4-35-01 (class 8kN/sqm) 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 RWP's and 1m above FFL for internal RWP's.
- 10. All below ground concrete to accord with ACEC site classification of AC-1s - tbc refer to Geotechnical Investigation
- 11. Aco channel drain to be K1005 with grade C250 Quicklock 'Heelguard' cast iron grating or equivalent, where adjacent to kerbing or within pedestrian areas. Elsewhere Aco 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 80 (100 dia) no WC's connected
 - FW min gradient - 1 in 80 (100 dia) min 1 WC connected
 - FW min gradient - 1 in 150 (150 dia) min 5WC's
 - SW min gradient - 1 in 100 (100/150 dia)
- 14. If any sub soil drainage systems are uncovered during the F2505/01-25.
- 15. 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.
- 16. 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 spur/manhole connections are to be agreed with the relevant adopting authority. Any discrepancies are to be notified to the Engineer immediately, prior to construction.
- 17. Road reinstatements are to be to the Highway Authority approval.
- 18. No private areas are to drain onto adoptable areas and vice versa.
- 19. 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 solidified filled at intervals not exceeding 25m with Class G3 or G4).

E	Wavin Ref added	27/08/17
D	Updated to suit crane base	20/06/17
C	HRD & SW refs added	07/06/17
B	Issued For BUDGET/APPROVAL ONLY	17/02/17
A	Issued For BUDGET/APPROVAL ONLY	06/01/17
-	Issued For BUDGET/APPROVAL ONLY	01/12/16
REV	DESCRIPTION	DATE

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CRL LITTLEHAMPTON
38-40 EAST STREET &
35 FITZALAN ROAD
LITTLEHAMPTON, BN17 6AN

PROPOSED
DRAINAGE LAYOUT

SCALE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
1:25	DATE	DEC 16	INITIAL	DATE	DATE	DATE	DATE	DATE	DATE
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This drawing is produced using Autocad. Only written dimensions are to be respected