

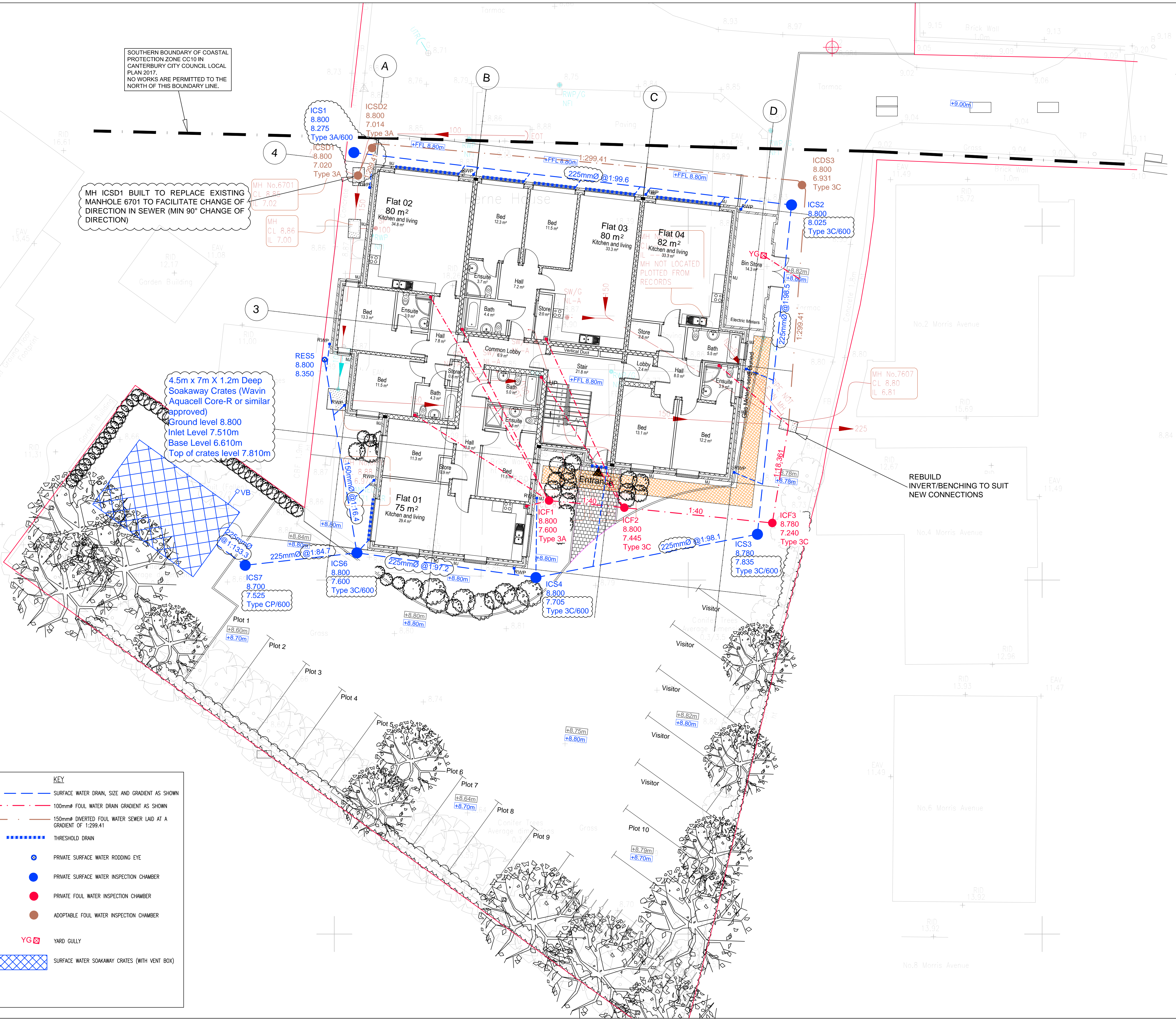
SOUTHERN BOUNDARY OF COASTAL PROTECTION ZONE CC10 IN CANTERBURY CITY COUNCIL LOCAL PLAN 2017. NO WORKS ARE PERMITTED TO THE NORTH OF THIS BOUNDARY LINE.

MH ICSD1 BUILT TO REPLACE EXISTING MANHOLE 6701 TO FACILITATE CHANGE OF DIRECTION IN SEWER (MIN 90° CHANGE OF DIRECTION)

4.5m x 7m X 1.2m Deep Soakaway Crates (Wavin Aquacell Core-R or similar approved)
Ground level 8.800
Inlet Level 7.510m
Base Level 6.610m
Top of crates level 7.810m

KEY

- SURFACE WATER DRAIN, SIZE AND GRADIENT AS SHOWN
- 100mm ϕ FOUL WATER DRAIN GRADIENT AS SHOWN
- 150mm ϕ DIVERTED FOUL WATER SEWER LAID AT A GRADIENT OF 1:299.41
- THRESHOLD DRAIN
- PRIVATE SURFACE WATER RODDING EYE
- PRIVATE SURFACE WATER INSPECTION CHAMBER
- PRIVATE FOUL WATER INSPECTION CHAMBER
- ADAPTABLE FOUL WATER INSPECTION CHAMBER
- YG YARD GULLY
- SURFACE WATER SOAKAWAY CRATES (WITH VENT BOX)
- VB



- Drainage notes**
1. Private construction details shown on drawing 1823-5002.
 2. Adoptable drainage works to be in accordance with Drawing 1823-5005 (which includes adoptable works details) and Sewers for Adoption 7th Edition.
 3. All foul and surface water drains must be constructed in accordance with the Building Regulations 2000 Part H, BS EN 752 and where appropriate the relevant Agreement Certificates.
 4. Drains are to be constructed using Hepworth vitrified clay pipes or Wavin/Osma uPVC pipes bedded and backfilled in accordance with the manufacturers instructions and the publication listed in Note 2 above.
 5. All private drains located adjacent to dwellings are to be constructed in accordance with Fig 8 of Approved Document H1.
 6. All downpipes/stacks etc are to be fitted with a removable access/rodding point max 1200mm above FFL.
 7. Lintels or sleeves are to be provided for drains passing through foundation brickwork.
 8. Pipes within close proximity of foundations may need to be encased in concrete, subject to final setting out and invert levels of drainage relative to foundations. Please refer to Diagram 8 of Approved Document H (and as shown on details drawing 1823/5002)
 9. Private connection to the adoptable sewer is a minimum 100mm diameter and laid soffit to soffit.
 10. Information adjacent to inspection chambers is as follows

Chamber Number	Cover Level	Invert Level	Chamber Type/Diameter (where not 450mm)
ICSD1	8.800	7.020	Type 3A/600
ICSD2	8.800	7.014	Type 3A
ICSD3	8.800	6.931	Type 3C
ICS1	8.800	8.275	Type 3A/600
ICS2	8.800	8.025	Type 3C/600
ICS3	8.780	7.835	Type 3C/600
ICS4	8.800	7.705	Type 3C/600
ICS5	8.800	7.600	Type 3C/600
ICS6	8.800	7.600	Type 3C/600
ICS7	8.700	7.525	Type CP/600
RES5	8.800	8.350	
 11. Soakaway size based on BRE Digest 365, a permeability rate of 9.1 x 10⁻³m/s and has been tested for the 100 year storm + 40% climate change.
 12. Starting invert level for drainage points within the building to be 8.000m

EXTERNAL DRAINAGE SETTING OUT COORDINATES

RE/IC No	EASTING(m)	NORTHING(m)
RES1	614681.104	167704.157
ICS2	614705.836	167701.198
ICS3	614703.908	167682.586
ICS4	614691.390	167680.141
RES5	614679.447	167692.455
ICS6	614681.277	167681.538
ICS7	614674.962	167680.835
ICF1	614692.131	167684.492
ICF2	614696.384	167684.090
ICF3	614704.748	167683.224
ICSD1	614681.336	167702.857
ICSD2	614682.131	167704.411
ICSD3	614706.429	167702.317

ISSUE	REVISION	DATE	INITIAL
C2	COORDINATION AMENDMENTS AS CLOUDED	31/10/19	SH
C1	ISSUED FOR CONSTRUCTION	23/10/19	SH
T2	SOAKAWAY RELOCATED AND AMENDED	02/10/19	SH
T1	FIRST ISSUE FOR TENDER	12/06/19	SH

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Project
DEVELOPMENT AT HERNE HOUSE, HERNE BAY, KENT

Client
IMPRESSIVE ERECTIONS



Title
EXTERNAL DRAINAGE GENERAL ARRANGEMENT

CIVILS DRAWING

Designed	SH	Approved	
Drawn	HAL	Project Engineer/Director	Date
Scale	1:100 @ A1	North	Drawing No: 1823-5001
Date	JUNE 2019		Issue C2