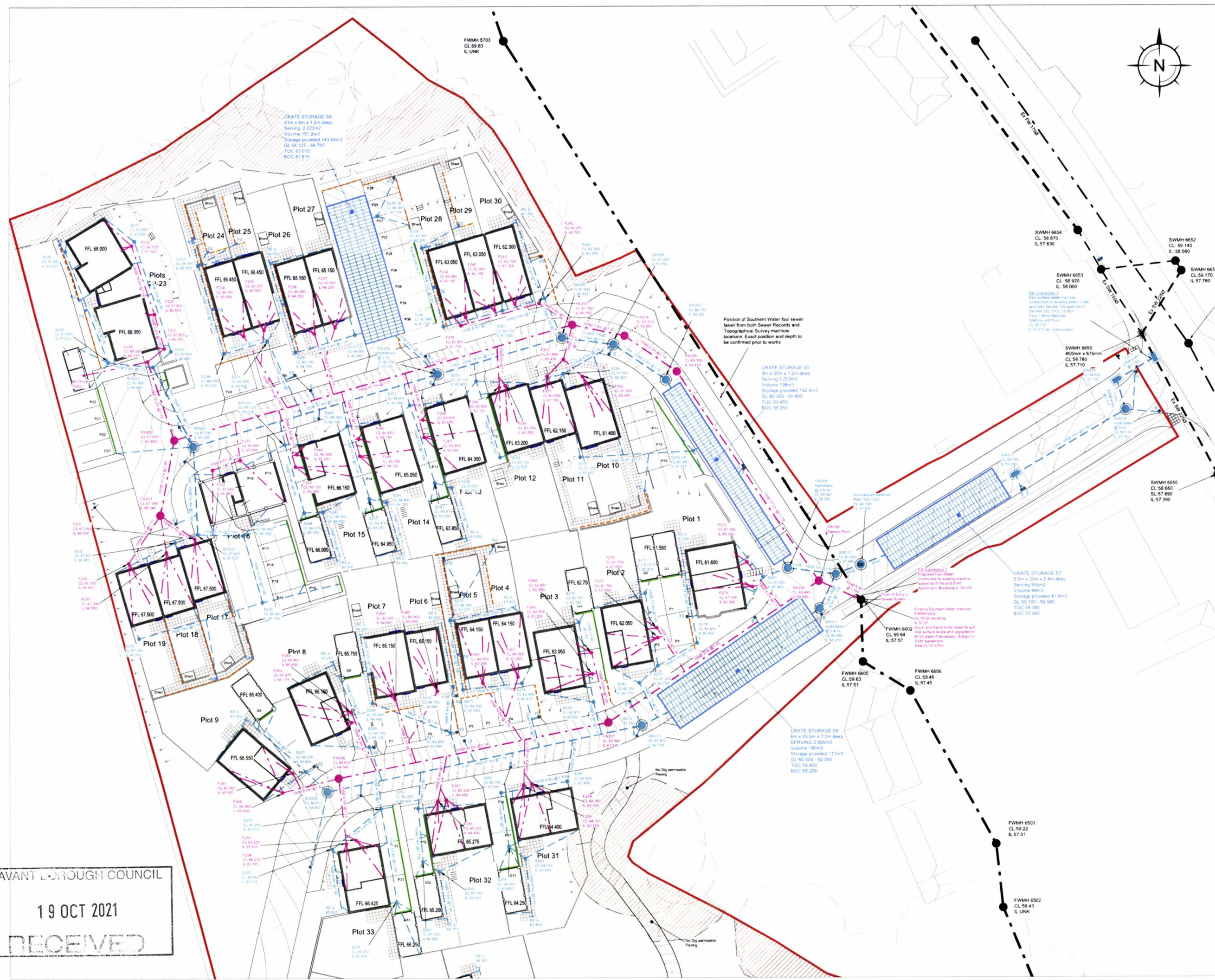


HAVANT DROUGH COUNCIL
19 OCT 2021
RECEIVED



GENERAL NOTES:

1. 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.
2. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and specification.
3. The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.
4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.

DRAINAGE NOTES:

1. All adoptable pipes, bends and junctions shall be vitrified clay in accordance with the current version of BS EN 251-1, with flexible joints and kitemark certified.
2. All Adoptable sewers shall be in strict accordance with the SSG Appendix C - Design and Construction Guidance. Unless otherwise stated adoptable sewers shall be 150mm diameter and shall be laid in a class S bedding. Where the depth to soffit is less than 1.2m under a public highway or 0.9m elsewhere the pipe shall be laid with a class 2 bedding.
3. All private building drainage shall be constructed in strict in accordance with the current version of BS EN 752:2017. Unless otherwise specified building drainage shall be 100mm diameter and shall be laid at a minimum gradient of 1 in 40 for floor drains and 1 in 80 for surface water drains. All building drains shall be laid in class B bedding unless otherwise specified.
4. Where a pipe is within 1m of a foundation the trench shall be filled with class GEN 3 concrete up to the lowest level of the foundation. Where the trench is further than 1m from the foundation, the trench shall be filled with class GEN 3 concrete to a level below the lowest level for the foundation equal to the distance from the foundation less 150mm. In both cases the pipe shall be bedded and surrounded in 150mm thick class GEN 3 concrete.
5. Where pipes, external to the structures, have a depth to soffit from ground level of less than 450mm they shall have a class GEN 3 concrete encasement (150mm thick). In all other cases the pipes shall be bedded and surrounded with 100mm thick granular material.
6. In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided. Compressible boards (fibreglass or polystyrene) shall be provided at a maximum of 8m centres (coinciding with pipe joints). The boards shall be pre-cut to pipe diameter and to a height and width to the concrete cross section. A board thickness of 18mm for pipes up to 450mm nominal diameter and 30mm for pipes over 450mm nominal diameter.
7. All sumps shall have rodding access plates fitted at their bases (ground floor level).
8. Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.
9. Any discrepancy between the drawing and site should be reported immediately to the Engineer.
10. All manhole and chamber sizes are given as a minimum to meet the SSG Appendix C-Design and Construction Guidance.

KEY:

- Existing Sewers
- Existing Storm Sewer
- Existing Foul Sewer
- Private Storm Drainage
- 4.284 Chamber Cover Level
- 3.834 Chamber Invert Level
- Type 1 and 2 Manhole
- Type 3 / 4 Inspection Chambers
- Road Gully
- Yard Gully
- Bottle Gully
- Basin edge to divert surface water to gullies and drainage channels
- External Acc Channel M1000 0.0 channel unit unless noted otherwise
- Threshold Acc Channel
- Storage Crate
- Private Foul Drainage
- 4.284 Chamber Cover Level
- 3.834 Chamber Invert Level
- Type 1 and 2 Manhole
- Type 3 / 4 Inspection Chambers
- Other
- Retaining Walls
- Refer to Drawings 401 and 402

Issue Status

REV	DATE	BY	DESCRIPTION
J	27.09.21	PR	Latest site layout added. Drainage updated to suit SAB
I	14.09.21	PR	New site layout and block plans added. Drainage updated to suit
H	24.08.21	PR	Minor updates
G	28.07.21	PR	Minor updates
F	28.06.21	SAB	Updated for Trade Effluent application
E	16.06.21	SAB	Updated for Trade Effluent application
D	02.06.21	PR	Latest site layout added. Drainage updated to suit SAB
C	18.03.21	PR	Scale Bar added
B	16.02.21	SAB	Updated to new site layout
A	29.01.21	PR	Drainage updated

Issue Status

TENDER

The Civil Engineering Practice
11 Tungsten Building
George Street
Fishergate
Sussex
BN41 1RA
01273 424424
reception@civil.co.uk
www.civil.co.uk

CLIENT
Bargate Homes Limited

PROJECT
Norton Heights
Phase 2
Lovedean Lane, Hordean

TITLE
Proposed Drainage
Sheet 1 of 2

DRAWN
PR

CHECKED
SB

DATE
Dec 2020

PROJECT NO
23246

REV
201

SCALE
1:250 @ A1