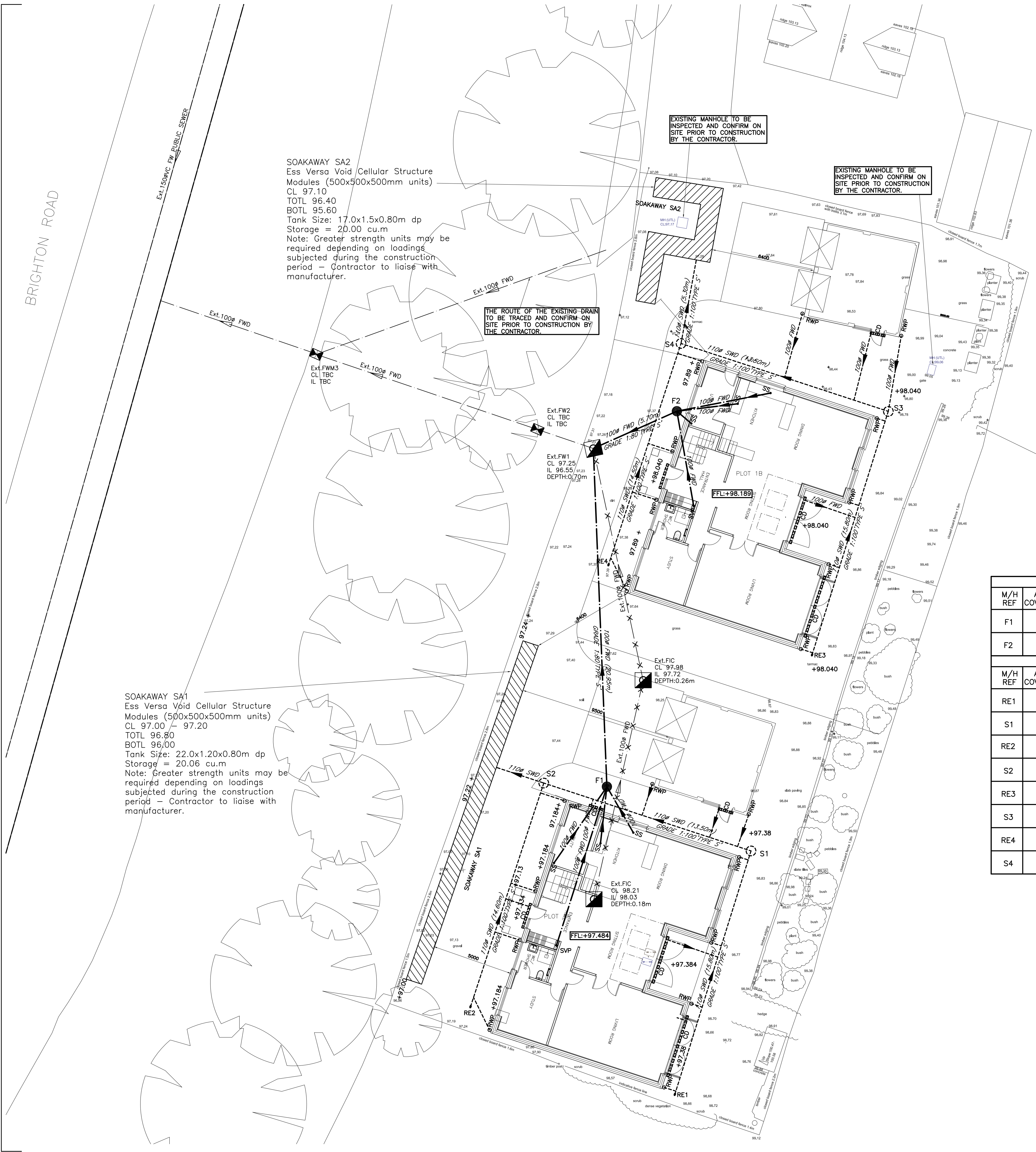




SOAKAWAY SA2
Ess Versa Void Cellular Structure
Modules (500x500x500mm units)
CL 97.10
TOTL 96.40
BOTL 95.60
Tank Size: 17.0x1.5x0.80m dp
Storage = 20.00 cu.m
Note: Greater strength units may be required depending on loadings subjected during the construction period – Contractor to liaise with manufacturer.

SOAKAWAY SA1
Ess Versa Void Cellular Structure
Modules (500x500x500mm units)
CL 97.00 – 97.20
TOTL 96.80
BOTL 96.00
Tank Size: 22.0x1.20x0.80m dp
Storage = 20.06 cu.m
Note: Greater strength units may be required depending on loadings subjected during the construction period – Contractor to liaise with manufacturer.

KEY

✦ SVP

Soil Vent Pipe with Rodding Access

○ RWP

Rain Water Pipe with Rodding Access

• SS

Stub Stack with Air Admittance valve

✦ RE

Rodding Eye

CD

Channel drain

YG

Trapped Yard Gully

SW –Existing Private Surface Water Sewer

SW –Proposed Private Surface Water Sewer

SW –Existing Public Surface Water Sewer

FW –Existing Private Foul Water Sewer

FW –Proposed Private Foul Water Sewer

FW –Existing Public Foul Water Sewer

F6

Foul Manhole

S6

Surface Water Manhole

Proposed Soakaway (SA1)

Ext.FIC

Existing Private Foul Water Manhole

Ext.FWMH

Existing Public Foul Water Sewer Manhole

Existing Private Foul Water Sewer to be Abandoned

FOUL WATER MANHOLE SCHEDULE						
M/H REF	APPROX. COVER LEVEL	INVERT LEVEL	DEPTH (M)	M/H TYPE	COVER TYPE	COMMENTS
F1	97.38	96.73	0.65	3	D400	TO EXISTING FW MANHOLE
F2	97.89	97.10	0.79	3	D400	TO EXISTING FW MANHOLE
SURFACE WATER MANHOLE SCHEDULE						
M/H REF	APPROX. COVER LEVEL	INVERT LEVEL	DEPTH (M)	M/H TYPE	COVER TYPE	COMMENTS
RE1	97.38	96.90	0.48	RODDING EYE	–	
S1	97.38	96.74	0.64	3A 600Ø SILT TRAP	D400	
RE2	97.13	96.58	0.55	RODDING EYE	–	
S2	97.20	96.43	0.77	3A 600Ø SILT TRAP	D400	TO SOAKAWAY SA1
RE3	98.04	97.49	0.55	RODDING EYE	–	
S3	98.04	97.33	0.71	3A 600Ø SILT TRAP	D400	
RE4	97.72	97.17	0.55	RODDING EYE	–	
S4	97.89	96.80	1.09	3A 600Ø SILT TRAP	D400	TO SOAKAWAY SA2

In addition to these notes, reference shall be made to the specification of works and the relevant Architect's and Specialist's drawings and specifications.

The Contractor is responsible for verifying all site dimensions before commencing work.

All dimensions are in millimetres unless noted otherwise.

This drawing has been produced electronically and may have been photo reduced or enlarged when printed or copied. Dimensions on this drawing shall not be scaled. Work only to figured dimensions. Any dimensional discrepancies errors or omissions are to be reported to the engineer immediately.

Levels are in metres unless noted otherwise to Ordnance Survey datum.

The Contractor is responsible for the stability of the building whilst the works are in progress.

- NOTES
1. THIS DRAWING IS BASED ON DRAWING NO.312–SP03 BY DANIEL HARRIS ARCHITECTS.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWING:

63880/11 DRAINAGE DETAILS

3. CONTRACTOR IS TO TAKE NECESSARY PRECAUTIONS TO ENSURE THAT TRENCHES ARE KEPT CLEAR OF GROUND WATER DURING CONSTRUCTION.

4. ALL DRAINAGE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH "SEWERS FOR ADOPTION" 7TH EDITION.

5. ALL ADOPTED PIPEWORK TO BE 100Ø VITRIFIED CLAY UNLESS NOTED OTHERWISE.

6. ALL PIPEWORK THROUGH WALLS TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS.

7. ALL PIPEWORK UNDER ROADS WITH LESS THAN 900MM COVER TO HAVE 150MM CONCRETE SURROUND.

8. MINIMUM GRADIENT TO DRAINS TO BE 1:80 FOR 110Ø OR 110Ø FW AND 1:100 FOR 110Ø SW.

9. POSITIONS OF MANHOLES SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. ACTUAL LOCATIONS TO BE FINALIZED ON SITE.

10. PROVIDE CONCRETE LINTELS OVER OPENINGS WHERE PIPES PASS THROUGH WALLS. ALLOW FOR 150MM CLEARANCE ALL ROUND PIPE.

PRELIMINARY

ALL DIMENSIONS AND LEVELS TO BE CHECKED AND CONFIRMED BY THE ARCHITECT & CONSTRUCTOR PRIOR TO CONSTRUCTION.

B	AMENDED DRAINAGE	19/08/25JS
A	AMENDED DRAINAGE TO CCTV SURV.14/08/25JS AND INFILTRATION TEST RESULTS	
0	ORIGINAL ISSUE	20/06/25JS
REV	DESCRIPTION	DATE BY

DIXON HURST

CONSULTING CIVIL & STRUCTURAL ENGINEERS

HEVERSHAM HOUSE, 18–22 BOUNDARY ROAD, HOVE, BN3 4EF

T: (01273) 421444 F: (01273) 420008 E: hove@dhk.co.uk

www.dhk.co.uk

Registered in England No. 3438720 – Registered Office 4 Frederick Terrace, Brighton BN1 1AX.

CONTRACT			1 HIGHFIELD BRIGHTON ROAD, WARNINGILD EAST SUSSEX		
DRAWING			DRAINAGE LAYOUT		
DRAWING No. 63880 / 10			REV B	CHECKED	
SCALE 1:125 @ A1			DATE JUN 25	DRAWN JS	APPROVED
AutoCAD Ref: 63880–10			This drawing is produced using Autocad: Only written dimensions are to be respected		