

DRAWING LEGEND

- Site boundary line
- EXISTING PUBLIC SEWERS
 - Public foul water sewer
 - Public foul water manhole
- EXISTING PRIVATE DRAINAGE
 - Private foul water drain
 - Private foul water manhole
- PROPOSED PRIVATE DRAINAGE
 - Private foul water drainage
 - Private foul water manhole
 - Soil vent pipe (SVP)
 - Stub stack (SS)
 - Private surface water drainage
 - Private surface water manhole
 - Private surface water soakaway (SA)
 - Rainwater pipe (RWP)
 - Threshold drain (details by others) (TD)
- Permeable Paved Areas
- Macadam Carriageway
- Block Paved Areas

Southern Water S106 Approval is required to connect the new properties foul drainage to the public foul system.

IMPORTANT NOTE!
The invert level at the point of connection will require confirmation prior to any drainage work commencing on site. Any discrepancy is to be reported to the drainage engineer immediately.

Surface water catchment areas - Soakaways
Roof = 70m²
Patio = 30m²
Total Impermeable Area = 100m²
Infiltration Test to be undertaken at the position of the proposed soakaways and permeable drives to enable the final designs to be completed.
Cellular soakaways SA1, 2 & 3 constructed using Wavin Aquacell blocks or similar approved product.
Aquacell block size is 1m x 0.5m x 0.4m deep
Soakaway structure dimensions:
Length: 7m (7 Blocks)
Width: 7m (7 Blocks)
Depth: 7m (7 layers)
Total number of blocks required = ?
Soakaways are to be located minimum 5.0m from properties, structures and public highway.

Soakaway SA1
Catchpit Area = 100m²
GL = 10.050m
In = 8.290m
BL = 7.190m
D = 2.860m

Soakaway SA2
Catchpit Area = 100m²
GL = 10.000m
In = 8.289m
BL = 7.189m
D = 2.811m

MHS3.1
(Catchpit 450mmØ)
CL = 8.875m
In = 8.352m
IL = 7.902m
D = 0.973m

MHS3.0 (300Ø)
CL = 8.900m
IL = 8.400m
D = 0.500m

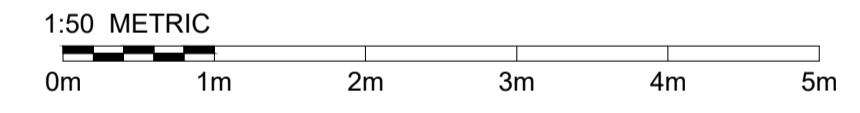
MHS1.0
CL = 8.900m
IL = 8.400m
D = 0.500m

MHS1.1
(Catchpit 450mmØ)
CL = 8.875m
In = 8.352m
BL = 7.902m
D = 0.973m

MHS4.0 (Catchpit)
CL = 8.900m
In = 8.301m
IL = 7.851m
D = 1.049m

MHF1.0
CL = 8.900m
IL = 8.100m
D = 0.800m

MHF1.1
CL = 8.900m
IL = 7.962m
D = 0.938m



- DRAINAGE NOTES**
- Sewers that are to be offered up for adoption with a nominal diameter range of 150mm to 300mm in diameter are to be constructed to the following specification:
 - Systems are to be resistant to jetting pressures of 4000 psi
 - Systems are to minimise the frequency of joints by using 3m lengths of pipe where possible.
 - Systems should not feature lip seal joints and therefore prevent against root ingress.
 - All materials, workmanship and construction to be in accordance with the requirements of 'Sewers for Adoption - 7th Edition' and published addendum and corrigendum.
 - All abandoned pipework to be completely removed or grout filled unless stated otherwise.
 - The location of any existing drains and sewers are to be accurately located and reported prior to any work commencing on site.

- NOTES**
- The Contractor should check all dimensions on site.
 - It is the Contractors responsibility to ensure compliance with building regulations and current codes of practice.
 - Drawings cannot take into account any drains or underground works not locatable by visual survey of the site.
 - Commencement of any building works prior to full building regulation approval is entirely at the clients risk.

Rev	Description	Date
A	First issue to client	03/01/2024

PROJECT	Proposed residential development on land between 61 & 77 Station Road, Walmer, Deal, Kent CT14 7RE
CLIENT	ATS Homes
DRAWING	Proposed Drainage Layout Plan Scale 1 : 50 (Sheet 1 of 2)
SCALE	1:50
DATE	03/01/2024
SIZE	A1
STATUS	PRELIMINARY
REF	T-2023-146-01
REV	A

Copyright and other intellectual property rights in this document and all related documents, drawings, etc., including calculations, is invested in Tridax Ltd and cannot be used or reproduced for any other purpose than that for which they were created without the express permission in writing by Tridax Ltd. In first instance ring 01304 820777.