990mE
2030mN

1000mE
2030mN

Foul 4102
CL = 21.155m
IL = 16.975m
D = 4.180m
(OS Levels)

Backdrop Connection.
Invert of rodding eye to be no greater than 1.5m above top of benching.
Top of benching = 4.920m
Top IL = 6.420m
Bottom IL = 4.470m

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

Connection to be via a new external backdrop in to existing public manhole 4102.

NOTE
Site Survey utilised an arbitrary level. Existing manhole 4102 assumed a cover level of 8.50m. All levels to be checked and confirmed prior to commencing any work on the drainage systems.

Corrected IL = 4.320m
Connection IL = 4.470m

Public Foul Sewer 300mmØ VC

STATION ROAD

PNF1.2

Trash Box
Outlet = 8.195m

100mm Channel drain

MHF1.2
CL = 8.630m
IL = 7.764m
D = 0.866m

MHS2.0 (Catchpit)
CL = 8.750m
In = 8.146m
IL = 7.696m
D = 1.054m

Inlet = 8.146m

Inlet = 8.146m

Forterra Aquaflow distribution block or similar approved system to permit surface water flows to enter the filtration blanket beneath driveway.

Catchpit/silt trap to be located upstream of surface water distribution block

PNF1.1

Defuser head
Outlet = 12.630m

Trash Box
Outlet = 8.365m

100mm Channel drain

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

Inlet = 8.301m

Inlet = 8.301m

Forterra Aquaflow distribution block or similar approved system to permit surface water flows to enter the filtration blanket beneath driveway.

Catchpit/silt trap to be located upstream of surface water distribution block

Defuser head
Outlet = 12.630m

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

Oblique junction

PNF1.0

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

RWP

RWP

RWP

Threshold slot drain to Arch details

Threshold slot drain to Arch details

FFL +9.050m

FFL +9.050m

SVP

SVP

SS beneath worktop

SS beneath worktop

EV

All finished levels are to be confirmed by the Architect and any discrepancies reported to the drainage engineer.

All finished levels are to be confirmed by the Architect and any discrepancies reported to the drainage engineer.

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

PNS1.0

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

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: ?m (? Blocks)
Width: ?m (? Blocks)
Depth: ?m (? layers)
Total number of blocks required = ?

Soakaways are to be located minimum 5.0m from properties, structures and public highway.

DRAWING LEGEND

- Site boundary line

EXISTING PUBLIC SEWERS

- Public foul water sewer
- MH MH Public foul water manhole

EXISTING PRIVATE DRAINAGE

- Private foul water drain
- MH MH Private foul water manhole

PROPOSED PRIVATE DRAINAGE

- Private foul water drainage
- MH MH Private foul water manhole
- SVP Soil vent pipe
- SS Stub stack
- Private surface water drainage
- MH MH Private surface water manhole
- SA Private surface water soakaway
- RWP Rainwater pipe
- TD Threshold drain (details by others)
- 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.

1:50 METRIC
0m 1m 2m 3m 4m 5m

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

tridax
Studio 23, Tridax Business Park, Honeywood Parkway, Whitfield, Dover, Kent, CT16 3GX
Tel: 01304 820777

DRAWING
Proposed Drainage Layout Plan
Scale 1 : 50 (Sheet 1 of 2)

SCALES 1:50 | DATE 03/01/2024 | SIZE A1

STATUS **PRELIMINARY**

Dwg No. **T-2023-146-01** | REV. A