

Note
Geocellular attenuation tank.
Length = 20.00m
Width = 2.00m
Structure Depth= 0.80m
Cover Level = 76.10 (lowest point)
Base Level = 74.40
Soffit Level = 75.20
Incoming Pipe Level = 75.02
Tank to be installed and vented as per manufacturer's requirements.

Note
Aco V-Septor 1000
Hydrodynamic Separator

Note
Foul water to discharge into existing
Southern Water foul sewer located in
Dean Street. Invert level of existing
foul sewer must be confirmed prior to
construction.

Note
Deep Bore Soakaway.
Chamber Diameter = 1.20mØ
Cover Level = 76.10
Lowest Incoming Pipe Level = 74.39
Top of Syphone Head Level = 73.89
Chamber Base Level = 72.89
Discharge rate = 5.50 l/s
Design based on results obtained
from the onsite constant head test.

Plot 7-9
F.F.L
77.20
RB IL= 76.60
(TBC)

Note
Pond Structure.
Storage Volume = 25.5m³

Note
Deep Bore Soakaway.
Chamber Diameter = 1.20mØ
Cover Level = 77.80
Lowest Incoming Pipe Level = 76.50
Top of Syphone Head Level = 75.00
Chamber Base Level = 75.00
Discharge rate = 5.50 l/s
Design based on results obtained
from the onsite constant head test.

Note
Geocellular attenuation tank.
Plan area = 122m²
Structure Depth= 0.80m
Cover Level = 77.90 (lowest point)
Base Level = 76.50
Soffit Level = 77.30
Incoming Pipe Level = 76.50
Tank to be installed and vented as per manufacturer's requirements.

Plot 6
F.F.L
78.65
RB IL= 78.05
(TBC)

Plot 3
F.F.L
78.00
RB IL= 77.40
(TBC)

Plot 2
F.F.L
78.00
RB IL= 77.40
(TBC)

Plot 1
F.F.L
79.90
RB IL= 79.30
(TBC)

Plot 4
F.F.L
79.40
RB IL= 78.80
(TBC)

Plot 5
F.F.L
79.40
RB IL= 78.80
(TBC)

Plot 11
F.F.L
77.90
RB IL= 77.30
(TBC)

Plot 10
F.F.L
76.90
RB IL= 76.30
(TBC)

Key:

Private Drainage

- 1500, 1.80 S1 - Surface water drain.
- R - Surface water chamber. (CP denotes catchpit chamber minimum 300mm sump).
- RE - Rain water down pipe.
- RG - Rodding eye.
- RE S1 - Road gully, 1500 outlet.
- RE S1 - Hydrodynamic Separator.
- RE - Aco Kerb Drain.
- SA1 - ACO kerb drain with rodding access.
- ATT1 - ACO Swale Inlet, 1500 outlet.
- SA1 - Deep bore P.C. ring soakaway.
- ATT1 - Prefabricated void forming attenuation tank.
- F1 - Foul water drain.
- F1 - Foul water chamber.
- DP - Drain Point (Architect to confirm).
- AAV - Air admittance valve (durgo).
- SVP - Soil and vent pipe.

Existing Drainage/Sewers

- 1500 - Foul water drain/sewer to remain.

General

- 77.60 - Existing level.
- x 50.00 - Proposed level.
- Red arrow - Exceedance Routing.
- Black line - Retaining structure.

Note
Location and extent of retaining structures to be confirmed.

Note
Requirement for level threshold to patio doors to be confirmed by Architect.

Note
All drain points as per Architects information.

NOTES

- Do not scale this drawing.
- This drawing is to be read in conjunction with all other relevant Engineer's and Architect's drawings and specifications.

Drawings References:

Drawing:	Drawing no:	Rev:	Date:
Survey	S18/6605/01	-	07-18
Proposed Site Plan	BDS-1813-C01		03/24

RISK ASSESSMENT

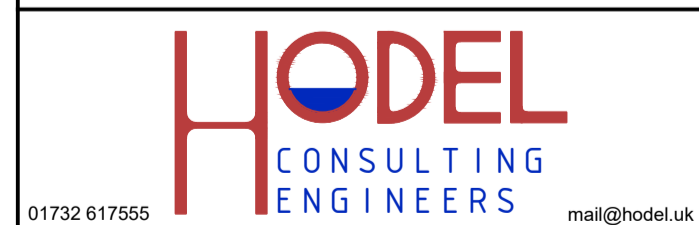
- Residual Risks Identified**
- Invert level of existing foul sewer must be confirmed prior to construction.
- Contractor's General Risk Items**
- (List is not exhaustive but includes commonly raised issues)
- Location of all buried services.
 - Existing drainage:
 - i) Gases, confined spaces, diseases.
 - ii) Maintain flow in drains during works.
 - Manual lifting of heavy objects; manhole covers, drainage pipes, concrete rings, kerbs, etc.
 - Excavation for drainage trenches and manholes.
 - Security:
 - Keep site secure from members of the public.
 - maintain public safety when accessing site.

Rev	Date	By	Chkd.	Revision notes
C	28/03/24			Levels issued for comment.
B	24/02/21	JH		Updated to FFLA comments.
A	23/09/20	JH		Updated to latest architects layout.
-	03/09/20	JH		Levels issued for comment.

Job Title
**Cull Farm, Dean Street
Maidstone
ME15 0PS**

Drawing Title
Engineering Layout.

Client
Offset Architects



Scale at A1:
1:200

Status:
FOR APPROVAL

Drawn:	Checked:	Approved:
JH	JH	-
Date: Sept '20	Date: Sept '20	Date: -

Drawing No.: **19-014_C01**

Revision: **C**

