



Geocellular Attenuation Tank No. 2
645m³ x 1.6m deep Units (1032m³ Tank Size / 980.4m³ Attenuation @ 95%)
Minimum Cover Level: 80.800m
Bed Level: 78.300m
Tank Height: 1.6m
Minimum Depth of Cover: 0.90m
Wrapped in Impermeable Membrane and Vented.
Designed by Provider to Suit Loading in Both Temporary and Permanent Situations.

Geocellular Attenuation Tank No. 1
501m³ x 1.2m deep Units (603.2m³ Tank Size / 574.1m³ Attenuation @ 95%)
Minimum Cover Level: 81.300m
Bed Level: 78.800m
Tank Height: 1.20m
Minimum Depth of Cover: 1.20m
Wrapped in Impermeable Membrane and Vented.
Designed by Provider to Suit Loading in Both Temporary and Permanent Situations.

DRAINAGE NOTES:

- Do not scale from this drawing, work to dimensions or co-ordinates provided. All levels are in metres and all dimensions are in millimetres, unless otherwise noted (u.o.n.). If in doubt seek clarification.
- This drawing is to be read in conjunction with all relevant drawings, specifications and documentation.
- The Contractor MUST check the position, size and levels of all existing drains / sewers / pipes / outfalls / manholes that are being retained prior to the commencement of the site works and any discrepancies reported immediately to Burrows Graham Limited. Contractor should allow for cleaning / jetting / surveying retained drainage.
- The Contractor must check for any offsite connections to the existing site drainage and report any findings to Burrows Graham Limited.
- The Contractor is responsible for obtaining all required permits and licenses (S106 agreements).
- All works are assumed to be within public highway or within land owners lands & no works are required on third party land owners property.
- Any gradients of drains indicated are indicative only and the Contractor shall install the drains to the specified levels shown for each chamber (u.o.n.).
- Cover levels of the access points are provisional and subject to adjustment on site to suit the finished ground levels. All external works construction areas to be as located by the architect.
- Positions and sizes of above ground foul and surface water drainage connections ("pop-ups") are indicative only. Setting out and confirmation of the internal requirements is the responsibility of the architect. Contractor to confirm requirement prior to construction.
- Design assumes that no sewerage authority sewers or other drainage systems require modification, diversion or abandoning (u.o.n.).
- Drainage channels are to be ACO Qmax in service yards and ACO Multidrain in car parks, or similar approved. Channels are to be sized by the supplier and approved by the Engineer in writing prior to ordering. Drainage channels to be installed to manufacturers' requirements. Design of channels shall be based on a 1 in 100 year storm return period, 15 minute duration. Outlet units on channel drains to include silt traps.
- All RWP, gully and channel connections shall be 150mm dia UNAO. Wastewater stack connections shall be 100mm dia. UNO and shall have internal above ground rudding eyes or large access fittings in accordance with Building Regulations.
- All WPCs, SRWPs and RWP's are shown indicatively. Locations shall be confirmed by others.
- No deep rooting trees/vegetation should be planted within 5.0m of any drainage works.

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION

MAINTENANCE

DEMOLITION

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

KEY:

- Existing AW Foul Water Sewer
- Existing AW Surface Water Sewer
- Existing Foul Water Drainage
- Existing Surface Water Drainage
- Existing Drainage to be Abandoned
- Surface Water Drainage Pipe
- Surface Water Drainage Manhole
- Surface Water Drainage Channel
- Filter Drainage Pipe
- Offset Kerb Drainage
- Foul Water Drainage Pipe
- Foul Water Drainage Manhole
- Above Ground Syphonic Pipework
- Proposed Permeable Surfacing
- Proposed Green SuDS (Tree Pits/Rain Garden & Green Roofs)
- DU
- Diffuser Unit at Base of Permeable Surfacing
- Road Gully
- Planning Boundary

T03	13.01.26	GL	SWMH03 removed, Syphonics split between units 1 and 2	RM
T02	07.08.25	GL	Drainage updated to suit QBar discharge	RM
T01	10.07.25	GL	Issued for Tender	RM
P03	24.06.25	FT/CL	Drainage updated following coordination	RM
P02	25.04.25	PG	Unit 1 Car Park Updated	RM
P01	17.04.25	PG	Issued for information	RM
REV	DATE	BY	DESCRIPTION	CHKD

Burrows Graham

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CLIENT
Wrenbridge

PROJECT
Letchworth, Ave One

DRAWING TITLE
DRAINAGE STRATEGY PLAN

BGL PROJECT NUMBER	DRAWING STATUS	OFFICE	SOUTH
40365	TENDER	DRAWN BY	PG
SCALE @ A0	DATE	CHECKED BY	RM
1:250	16.04.2025		

DRAWING No	REV
40365-BGL-XX-XX-DR-C-00210	T03

