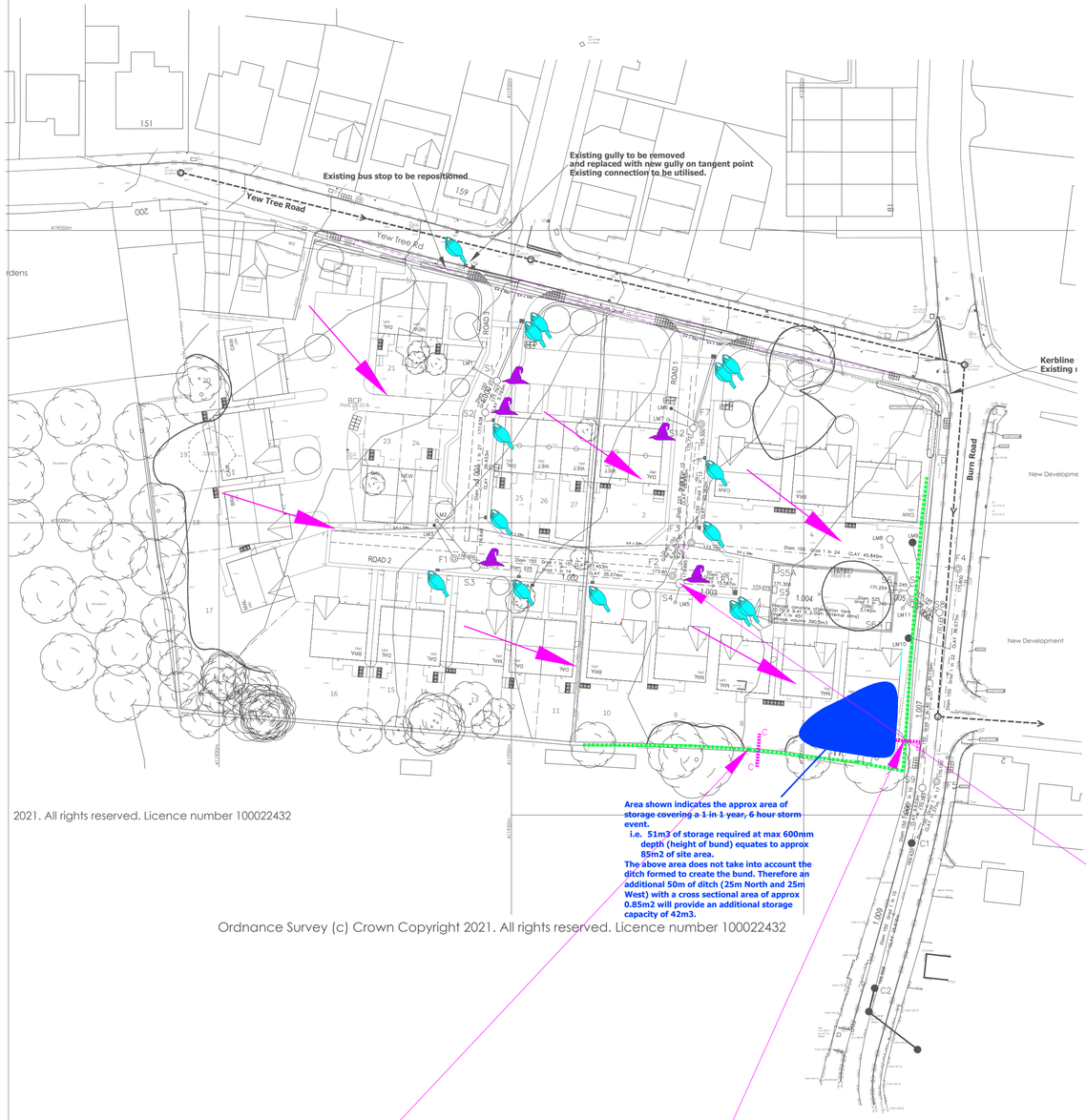


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Risk register:-

Risk

Overland flows exiting the site carrying Silt and Surface water to surrounding properties and the watercourse to the south of the site:-

Action/Mitigation

Prior to any topsoil strip, create a Bunded barrier to the lower area of the site (South East corner) to catch any surface water run off and retain on site for natural evaporation or pumping into the Surface water system after silt has settled.
Utilise a silt barrier fence as added protection.
Minimise topsoil strip to immediate areas of build to reduce run off from underlying subsoil areas.

Ongoing maintenance

Regular inspections of bund and silt fence - Min weekly
Replace any damaged areas of silt fence and bund.

Risk

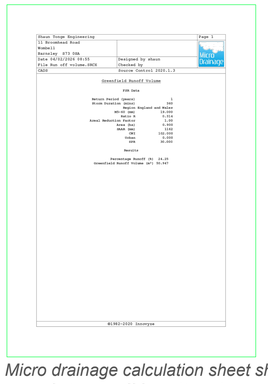
Siltation of Surface water System and storage tanks

Action/Mitigation

Install gully guard bags and manhole protection (witches hats) to prevent silt from entering the system.
Install a silt trap manhole upstream of the storage tank to catch any silts that leak through.

Ongoing maintenance

Regularly vac out the silt trap - Min every 3 months
Regular inspections of Gully guard bags - Min every month, replace any failing measures as required.



Micro drainage calculation sheet showing greenfield run off from the site

Notes:-

Topsoil and vegetation strip areas to be limited to the immediate build zone only. As much topsoil and vegetation as possible is to be retained on site for as long as is possible in order to slow down surface water overland flows.
Do not deposit rubble, building waste, soil, concrete etc into manholes.
All manhole access covers including domestic access covers are to be kept on the manhole at all times.
Any damaged access cover lids are to be replaced immediately along with the Witches hat.
Regular checks of all silt fencing to be carried out to ensure they are in a good state of repair.
Weekly checks required and following a heavy downpours.
A sign off sheet recording inspections is to be completed and retained in the site office for inspection by regulators/head office.
Any damage identified is to be rectified immediately.
Build up of silts against the silt fence is to be cleared regularly following above inspections.
Regular checks on Sump manholes are required, desilting of sumps to be completed when buildup of silts reaches > 50% .
Regular road scrapes/sweeps and cleaning is required increased during winter months.

A review of the SWMP is to be carried out by the site team and Newett Homes H&S/office engineer every 6 months to ensure it is fit for purpose and to identify any changes or updates that are required due to incidents or changes to the build schedule. Heavy fines are applicable to the developer if these measures are not followed and results in the pollution of the surface water network and or local watercourses.

Key:-

Direction of overland flow

Denotes Gully guard bag by forest group or similar

Denoted Witches Hat by Yellow shield or similar installed into SW manholes

Silt fence installation

See typical installation methods below





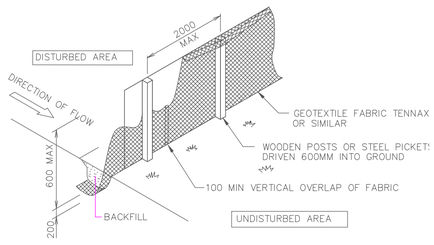
Witches Hat Drain Guard - Oil & Sediment

1 review

- Drain Guard for Oils & Sediments
- Captures particles as small as 0.178mm
- 550 (L) x 400 (W) x 458 (H) mm

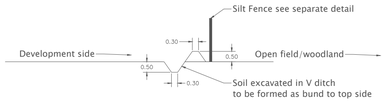


Gully Guard - Simple Installation



TYPICAL SILT FENCE DETAIL
NOT TO SCALE

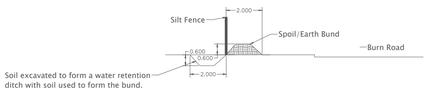
Bund, silt fence and 'v' ditch to prevent run-off into Neighboring land



Section C-C Scale: NTS

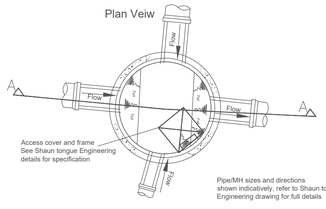
Silt fence material to be tennax 31900700 or similar
Bunds to be created with site won topsoil or subsoils

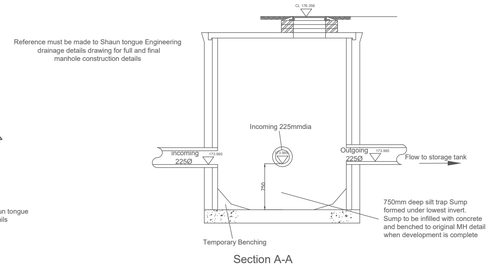
Bund and silt fence to prevent run-off over to Burn Road



Section B-B Scale: NTS

Silt fence material to be tennax 31900700 or similar
Bunds to be created with site won topsoil or subsoils





Section A-A

Typical silt trap Sump
General arrangement at
Manhole S4
Scale 1:50

Rev	Details	Date	Drwn.
A	Plan updated in response to LLFA comments on discharge of planning conditions application	10-02-26	PSGBS

Newett Homes

Yew Tree Road - Birchencliffe

Surface Water Management plan

Dwg No. : 7003-03 Rev A

Date : 07-11-25

Scale : Plan 1:500 @ A1 Drawn : PSGBS