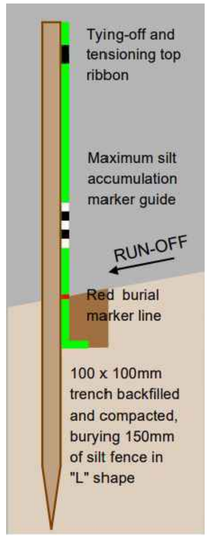
Figure 1: Hy-Tex Terrastop™ Premium



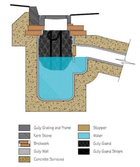
Hy-Tex Terrastop Premium Silt Fence

(Refer to manufacturers installation guide)



Gully Guard Detail

To be installed on all gullies during construction.



Basin to be constructed prior to commencement of works on the rest of the development, to protect the outfall from construction surface water run-off. Silt and debris to be collected in the basin for removal from site, and the outfall from the basin is to be further protected from silt migration by the use of a proprietary mesh or straw bale filter system.

Proprietary Drainage Protection System
During the construction phase, proprietary drainage protection units shall be installed within the final surface water manholes upstream of the outfall to the basin. The system shall be designed to capture and retain silt, sediment, and suspended solids during the construction phase, preventing migration of pollutants to the downstream sewer network.

The drainage protection system shall:

- Provide a sustainable and maintainable means of protecting the outfall during the construction phase;
- Be compatible with the specified manhole size and configuration;
- Be capable of retaining fine sediments and debris not intercepted by upstream silt management systems such as road gullies and chamber inserts; and

The units shall be installed and maintained in accordance with the manufacturer's recommendations and retained in place until the completion of construction.

General Notes

1. All dimensions are in metres unless otherwise stated.
2. All levels are in metres.
3. This drawing is to be read in conjunction with all relevant Engineers and Architect's drawings, Specifications, Reports and Engineering Details.
4. Do not scale for construction purposes.

Drawing Key

- Site Boundary - Taken from site layout referenced
- Proposed Hy-Tex Terrastop Premium Silt Fence
- Adoptable Section 104 foul water sewer
- Adoptable Section 104 surface water sewer
- Private surface water sewer
- Perforated pipe
- Existing overland flood routing arrow
- Existing contours
- FFL=92.500 — Finished Floor Levels +/- 0.5m subject to detailed design

Health, safety & the environment

In accordance with the Construction (Design and Management) Regulations 2015, the designs and details on this drawing have been the subject of a Designers Risk Assessment, to identify risks in the construction, use, or demolition of the scheme.

It is not considered necessary for Designers to highlight obvious and/or common risks (such as deep excavations, manual handling and working around heavy plant) which Contractors should be familiar with, and be able to control by good management and site practice.

So far as is reasonably practicable, the risks inherent in the design have been eliminated. Where it has been considered that elimination of a risk (or part of a risk) is not reasonably practicable, it has been reduced.

Significant unusual residual risks are identified on the drawings by use of a yellow caution marker, beside the measures which have been adopted to eliminate them.

This drawing has been based/developed using the following external drawings

Type	Company	Drawing date	Drawing title	Date received	Rev
Site Layout	James Garner Architecture	June 2026	26005 0102-P04 Proposed Site Layout.dwg	30.06.2026	P04
Topographical survey	Utility Mapping	June 2026	UM26-4113-MIN Brickfields Drive, Haverhill (Sheets 1 - 4)	24.06.2026	2

Additional Notes

1. Materials used in the construction process such as oil, chemicals, cement, lime, cleaning materials and paint have the potential to cause serious pollution. Therefore, the Environmental Agency Pollution Guidance will be followed. A bunded storage area will be located on the sites main compound and will be provided for the duration of the construction period for the storage of oils, fuels, chemicals and other hazardous construction materials. The base and bund walls will be impermeable to the material stored and be of adequate capacity. For those materials stored outside the bunded area, spill palettes will be used.
2. Appropriate spill kits will be located at storage areas along with clear written procedures on how to address a spillage if it occurs. Leaking or empty oil drums will be removed from the site immediately and disposal of to an appropriately licensed disposal site via a licensed waste disposal contractor.
3. Plant will be refuelled in designated areas on an impermeable surface approved by site management. A spill kit will be available in the event of an accident and will be kept in the refuelling area. Storage areas and containers will be protected against vandalism and unauthorized inference and all containers will be securely locked when not in use.
4. When required, a road sweeper will operate in and around the site during daytimes, extra care to damp down during dry spells.
5. Site is underlain with clay and will not benefit from a high infiltration rate. Therefore a high overland flow is expected during construction. Hy-Tex Terrastop Premium fencing (or similar) to be used where topography falls towards site boundaries to prevent overland flows from entering neighboring land/watercourses.
6. Adoptable drainage system to be installed at the beginning of the job.
7. Gully guards to be installed on all gullies during construction to prevent building material/silt and debris entering the drainage system.

Management of Silt & Surface Water

The activities on site need to be approached in a manner to prevent pollution or cross contamination of watercourses, water bodies or other sensitive receptors and the surrounding area. Surface water should not be allowed to exit the confines of the site without first having passed through a filtration system, either by natural means or man-made, to allow dispersion of and reduce the silt content that is carried.

The following methods are effective in reducing surface water silt content and all, or a combination of them, will be used on site when required and according to prevailing site conditions:

- Avoid excessive soil stripping - retain vegetation & topsoil within a stand-off zone of receptors for as long as possible.
- Form bunds to contain surface water, emptied regularly to prevent overflow.
- Create drainage grips & channels or re-profile the ground to divert water to vegetated areas for natural dispersion.
- Likewise divert surface water to a sump area, emptied regularly to prevent overflow.
- Install silt curtains along the edges or top of the bank of water bodies and watercourses where these are lower than the site levels - ponds, lakes, field drains, ditches, streams, rivers, canals.
- Prevent surface run-off entering gullies & manholes, alternatively, use a silt blanket or filter system over the cover / grating.
- Avoid tracking or washing out next to drainage ditches, ponds or gullies.
- Reduce soils from being transferred to the roads by minimizing the frequency of plant moving off & on roads.
- Monitor the weather forecast and consider the potential for wet weather.

Drawing is not to be used for construction until status is CONSTRUCTION

jpp The JPP Group

- Infrastructure Design
- Highways
- Structural Engineering
- Development Planning
- Geotechnical & Environmental
- Surveying
- Construction Management

Milton Keynes
B2A, Denbigh Business Park,
23 First Avenue, Denbigh, Milton Keynes,
MK1 1DN
T: 01908 889433

Northampton, Poole & Kettering
E: mail@jppgroup.co.uk **W:** jppgroup.co.uk

Client	Minster Property Group
Project	Brickfields Drive Haverhill
Title	Surface Water Management Plan

Scale at A1	Drawn by	Checked by	Date
1:500	EM	LC	June 2026

Status	Project ref	Drawing no.	Revision
FOR PLANNING	31698	105	-