## Table 1.0 - Opertation & maintenance requirements for detention basins

| Maintenance Schedule | Required Action | Recommended Frequency |
|---|---|---|
| Regular maintenance | Litter and debris removal. | Monthly. |
| | Grass cutting - for spillways and access routes. | Monthly (during growing season) or as required |
| | Grass cutting - meadow grass in and around basin. | Half yearly (spring - before nesting season, and autumn) |
| | Manage other vegetation and remove nuisance plants. | Monthly (at start then as required). |
| | Tidy all dead growth before start of growing season. | Annually. |
| | Remove sediments from inlets, outlet and forebay. | Annually. (or as required) |
| | Manage wetlands plants in outlet pool - where provided. | Annually. |
| Occasional maintenance | Re-seed area of poor vegetation growth. | Annually. (or as required) |
| | Prune and trim trees and remove cuttings. | 2 years, (or as required) |
| | Remove sediments from forebay, when 50% full and from micropools if volume is reduced by >25% | 3-10 years, (or as required) |
| Remedial actions | Repair of erosion or other damage by re-seeding or re-turfing. | As required. |
| | Realignment of rip-rap. | As required. |
| | Repair/rehabilitation of inlets, outlets and overflows. | As required. |
| | Re-level uneven surfaces and reinstate design levels. | As required. |
| Monitoring | Inspect inlets, outlets and overflows for blockages, and clear if required. | Monthly/after large storms. |
| | Inspect banksides, structures and pipework, etc for evidence of physical damage. | Monthly/after large storms. |
| | Inspect inlets and facility surface for slit accumulation. Establish appropriate slit removal frequencies. | Half yearly |
| | Check penstocks and other mechanical devices. | Half yearly |

## Table 1.1 - Operation and maintenance requirements for permeable paving

| Maintenance schedule | Required action | Record frequency |
|---|---|---|
| Regular maintenance | Brushing and vacuuming (standard cosmetic sweep over whole surface) | Once a year, after autumn leaf, or reduced frequency as required, based on site-specific observations of clogging or manufacturer's recommendations. |
| Occasional maintenance | Stabilise and mow contributing and adjacent areas<br><br>Removal of weeds or management using glyphosate applied directly into the weeds by an applicator rather than spraying | As required<br><br>As required - once per year on less frequently used pavements |
| Remedial actions | Remediate any landscaping which, through vegetation maintenance or soil slip, has been raised to within 50mm of the level of the paving<br><br>Remedial work to any depressions, rutting and cracked or broken blocks considered detrimental to the structural performance or a hazard to users, and replace lost jointing material<br><br>Rehabilitation of surface and upper substructure by remedial sweeping | As required<br><br>As required<br><br>Every 10-15 years or as required |
| Monitoring | Initial inspection<br><br>Inspect for evidence of poor operation and/or weed growth - if required, take remedial action<br><br>Inspect silt accumulation rates and establish appropriate brushing frequencies<br><br>Monitor inspection chambers | Monthly for three months after installation<br><br>Three-monthly, 48 hours after large storms in first six months<br><br>Annually<br><br>Annually |

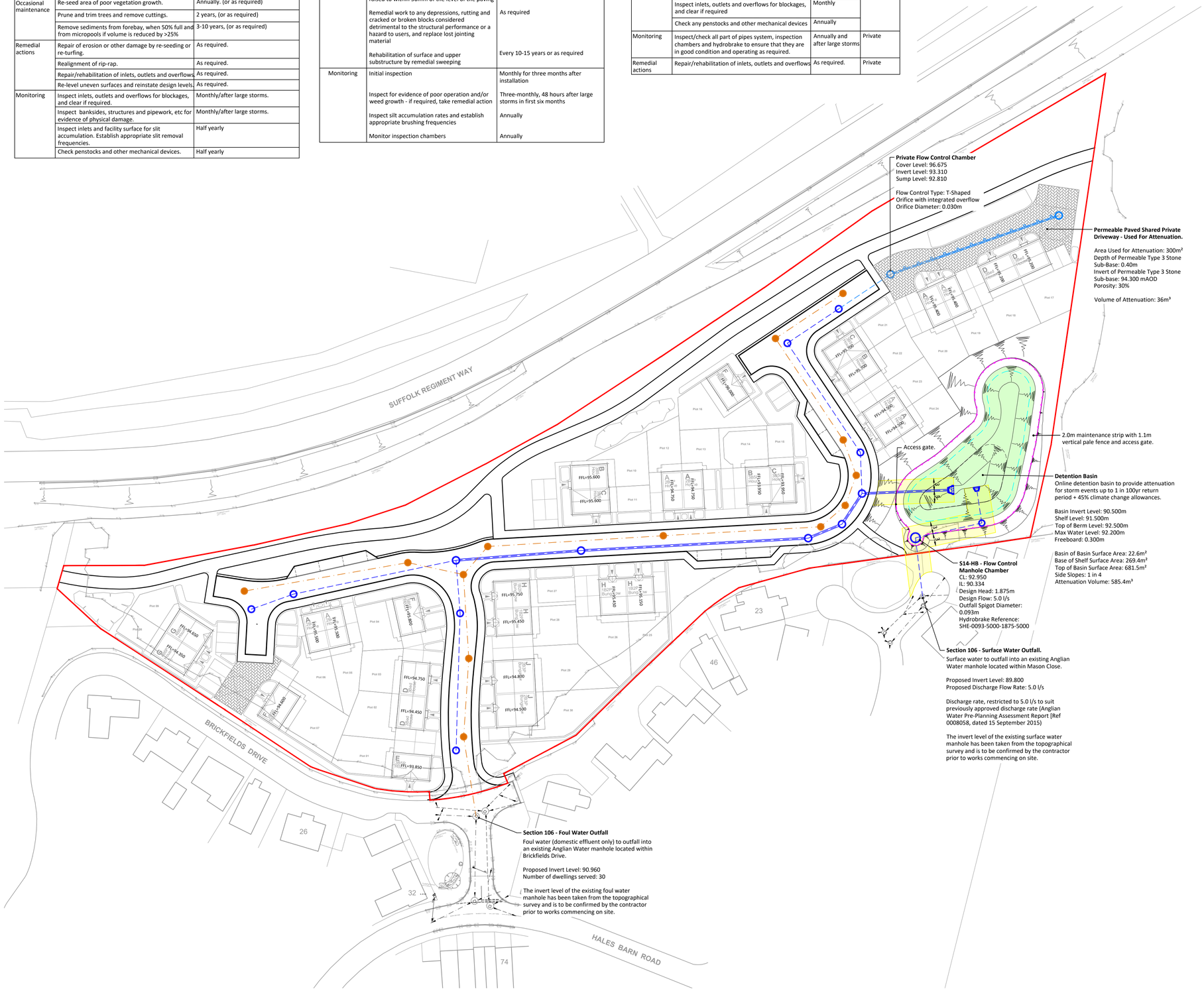
## Table 1.2 - Operation and maintenance requirements for private and plot drainage

Pipe systems, inspections chambers and manholes
Inspection chambers are provided at regular intervals, changes in direction, change in gradient and changes in pipe diameter. Access for maintenance is provided at inspection chamber/manhole positions.

| Maintenance Schedule | Required Action | Recommended Frequency | Maintaining Company |
|---|---|---|---|
| Regular maintenance | Inspect and identify areas that are not operating correctly. If required, take remedial action | Monthly (for the first 3 months) then six monthly | Private |
| | Debris removal from catchment surface (where may cause risks to performance) | Monthly | |
| | Remove sediment from pre-treatment structures | Annually or as required | |
| | Cleaning/jetting annually; or as required, pipes, rodding eyes and manholes | As required | |
| | Inspect inlets, outlets and overflows for blockages, and clear if required | Monthly | |
| | Check any penstocks and other mechanical devices | Annually | |
| Monitoring | Inspect/check all part of pipes system, inspection chambers and hydrobrake to ensure that they are in good condition and operating as required. | Annually and after large storms | Private |
| Remedial actions | Repair/rehabilitation of inlets, outlets and overflows | As required. | Private |

## Table 1.3 - Operation and maintenance requirements for pipes, gullies and manholes

| Maintenance schedule | Required action | Record frequency |
|---|---|---|
| Regular maintenance | Inspect and identify areas that are not operating correctly. If required, take remedial action<br><br>Debris removal from catchment surface (where may cause risk to performance)<br><br>Remove sediment from pre-treatment structure (e.g. gullies)<br><br>Cleaning/jetting of annually, or as required, pipes and manholes | Monthly for first 3 months and then six monthly<br><br>Monthly<br><br>Annually or as required<br><br>As required |




## 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 latest site layout referenced below)
- Foul water sewer to be adopted by Anglian Water under Section 104 application. Sewers to fall under Anglian Water maintenance regime
- Surface water sewer to be adopted by Anglian Water under Section 104 application. Sewers to fall under Anglian Water maintenance regime
- Existing Anglian Water foul water sewer
- Existing Anglian Water surface water sewer
- Section 104 sewer easement
- Private surface water drainage to be maintained by developer's maintenance team, in accordance with Table 1.2
- Private perforated pipe to be maintained by developer's maintenance team, in accordance with Table 1.2
- FFL=144.300 — Finished Floor Levels +/- 0.5m subject to detailed design
- Banking works
- Private permeable block paved drives to be maintained by developer's maintenance team. Permeable paving to be maintained in accordance with Table 1.1
- Attenuation basin to be adopted by Anglian Water under Section 104 application, or to remain in private ownership of the developers maintenance team. Inlet and outlet headwalls are to fall under Anglian Water maintenance regime. All other basin maintenance (as detailed in the maintenance schedule) to be undertaken by the developers maintenance team.
- 1.1m Vertical Pale Fence with access gate.

## 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 |

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<br>Haverhill |
| Title | Drainage Maintenance Plan |

| | | | | | |
|---|---|---|---|---|---|
| Scale at A1 | 1:500 | Drawn by | EM | Checked by LC | Date June 2026 |
| Status | | Project ref | | Drawing no. | Revision |
| **FOR PLANNING** | | 31698 | | 104 | - |