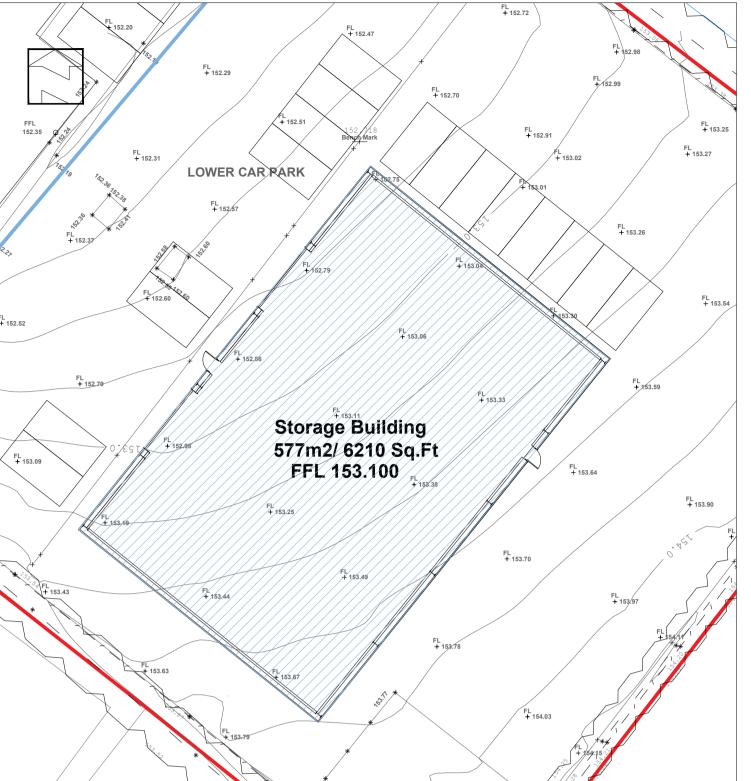


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Status

No. Revision Date Drwn
P1 Preliminary Issue 22.10.24 RT



Proposed Impermeable Area inc 10% UC - 630m2

Drainage Strategy

NPPF guidelines require that surface water arising from a developed site should as far as practicable be managed in a sustainable manner to mimic the surface water flows arising from the site prior to development.

Under the SUDS Hierarchy the first point of discharge is via infiltration. Due to clay ground conditions infiltration isnt viable

The second point of discharge is watercourse, there is an existing sewer on site which leads to watercourse it is our proposal to connect to this subject to agreement with LLFA/

Surface Water:

A flow restriction of 2.5l/s (75mm) has been set as a minimum to reduce blockages on site

The proposed impermeable area is 630m² inc 10% UC. Based on a flow restriction of 2.5l/s and modelling using Flow software the attenuation requirement for a peak return period of 1 in 100 year plus 45% climate change is **24m**³.

Attenuation to be provided via attenuation crates measuring 32sqm x 0.8m depth

Surface water from the proposed new site will connect into the existing private sewer on site which discharges to watercourse subject to permission

Foul Water

None on site

Maintenance

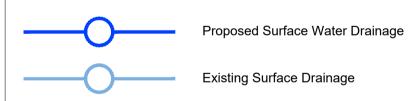
The site owners will manage the drainage systems on site

Notes:

1. This drawing is to be read in conjunction with all relevant architect's and engineer's drawings.

2. It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.







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CLIENT

FOX ALUMINIUM SYSTEMS

PROJECT

FOX ALUMINIUM SYSTEMS

DRAWING TITLE

Drainage Strategy

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