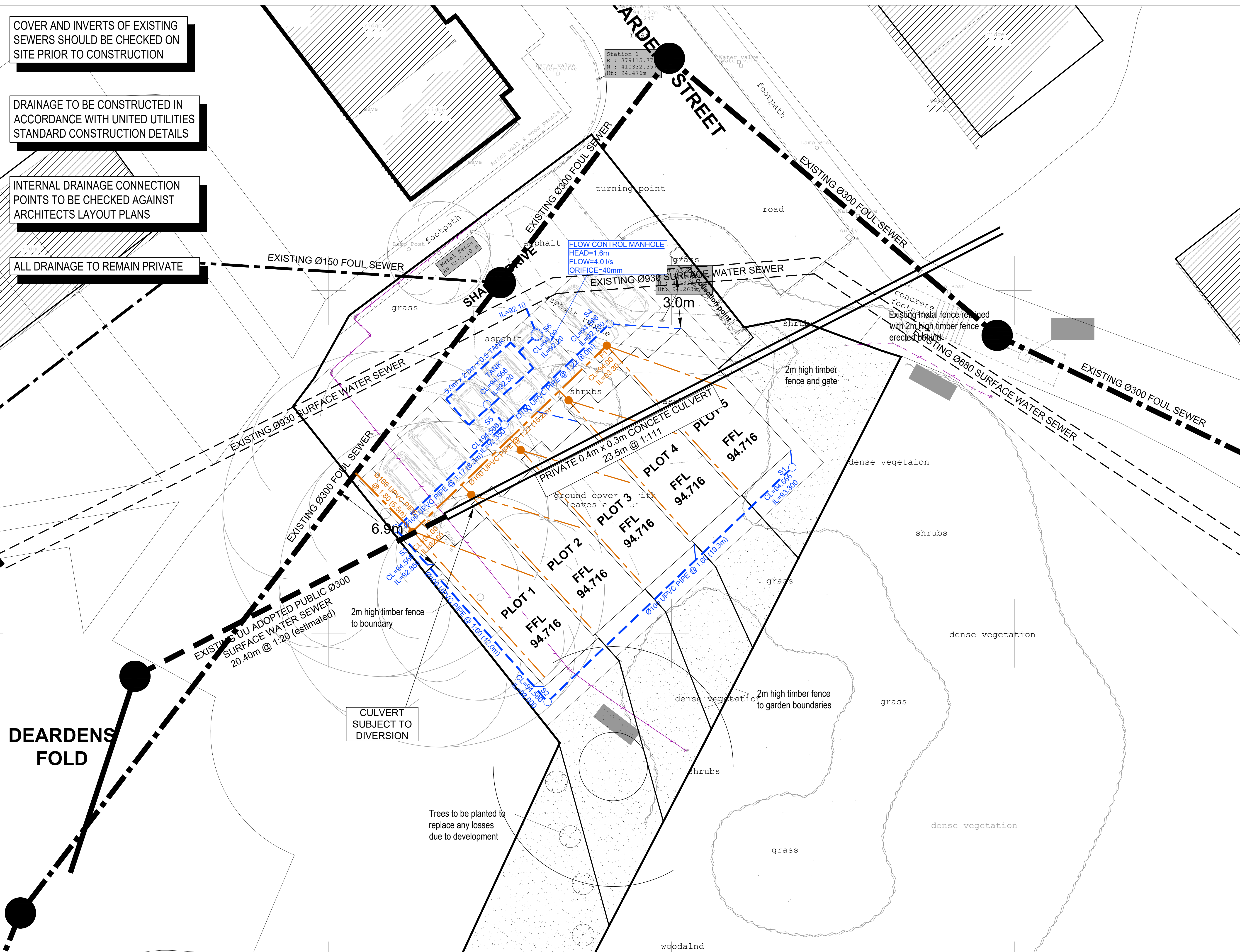


ALL DRAINAGE TO REMAIN PRIVATE



Notes

1. This drawing is produced for use in this project only and may not be used for any other purpose. The consulting Engineers accept no liability for the use of this drawing other than the purpose for which it was intended in connection with this project as recorded on the title block fields 'Purpose for Issue' and 'File Status Code'.
2. This drawing may not be reproduced in any form without prior written agreement.
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4. All dimensions are in millimetres unless otherwise specified.
5. Discrepancies must be reported back to the engineer prior to construction.

Key

-  EXISTING FW SEWER
 EXISTING SW SEWER
 PROPOSED SW SEWER
 PROPOSED FW SEWER

DRAINAGE STRATEGY

SURFACE WATER

In accordance with the SuDS Hierarchy then infiltration should be considered in the first instance, a site investigation was undertaken that has shown the ground has some permeability but also has a significant amount of 'made ground' and therefore it states that soakaways are not suitable.

As soakaways are not expected to work and then discharge to a watercourse should be the next considered point of discharge, there is no watercourse in the vicinity of the site and therefore it is proposed to discharge to the public sewer.

Discharge of the surface water is proposed to go to the United Utility Surface Water sewer that crosses the site at a controlled rate with attenuation on site.

The site is currently a greenfield site which requires the discharge rates to be restricted to the equivalent greenfield rates which equate to:

QBar = 0.8 l/s
1 in 1 Year = 0.69 l/s
1 in 30 Year = 1.36 l/s
1 in 100 Year = 1.66 l/s

The above rates are quite low to be achieved as it would require a 25mm orifice to attain a 1.66 l/s discharge rate and therefore it is proposed to restrict to a 4.0 l/s which equates to a 40mm orifice.

It has been envisaged to store up the 1 in 100 year + 40% climate rainfall event on site in a attenuation tank.

FOUL DRAINAGE

It is proposed to discharge to the existing united utility foul sewer that crosses the site.

D	MM	LAYOUT UPDATED	01.10.25
C	MM	STATUS UPDATE	01.08.25
B	MM	DRAINAGE UPDATED	18.12.21
A	MM	INITIAL ISSUE	22.04.21
REV	BY	AMENDMENTS	DATE

FOR APPROVAL

STATUS		CHK'D
PRELIMINARY		MJM
FOR COMMENT		MJM
FOR APPROVAL		MJM
FOR CONSTRUCTION		
AS BUILT		



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CONTRACT
DEARDENS STREET
BURY
NEW BUILD 5 UNITS

TITLE
DRAINAGE LAYOUT

DRAWN	MM	CHK'D	MM
SCALE	1:125 @ A1	DATE	22.04.21

JOB No 20013	DRG No 101	REV D
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