



Hydrobrake to restrict flow to 2/s based on 3.200m head.
Hydrobrake to be a MD-SHE-0051-2000-3200-2000

Reduced easement width on the southern side of the sewer to be agreed with United Utilities

Approximate location of existing surface water drain, further investigation to be undertaken on site to ascertain whether the existing outfall can be utilised as part of the current proposals

Notes:

1. This drawing is to be read in conjunction with all engineering drawings, standard details and specifications for this job.
2. This drawing has been prepared for house drainage purposes only, and must not be used for house setting out.
3. All drains and connections to be 100mm diameter, unless shown otherwise.
4. This drawing is schematic for clarity, and where possible drains should be laid within 2m of houses, and connections kept as short as possible.
5. Where pipes pass under buildings, unless beam & block floors are used, they are to be surrounded in concrete.
6. All branch drains, or connections, are to discharge to the collectors obliquely, and in the direction of the main flow.
7. House levels are Finished Floor Levels (FFL's).
8. Figures quoted next to inspection chambers / rodding eyes are invert levels, in metres AOD.
9. Private footpaths are to be laid with a crossfall to allow drainage to soft landscaped areas.
10. Where possible all drainage runs shall be kept a minimum of 4.0m from any existing tree that is to be retained.
11. All drainage design is subject to technical approval, no connections shall be made to any public sewer without written consent from the drainage authority.
12. The location of R.W.P's and waste/S.V.P's are subject to confirmation by the Architect / Services Engineer.

Drainage Legend:

- Existing Foul sewer and manhole
- Existing surface water sewer and manhole
- S1 Proposed surface water sewer and manhole
- S1 Proposed foul water sewer and manhole
- Proposed foul water lateral and connection
- Proposed surface water lateral and connection
- G Proposed road gully with Ø150 connecting pipe

Prior to any construction, the contractor must confirm the precise invert level and pipe diameter of the receiving drainage system and must immediately advise S-MECH of any variation to that upon which the design has been based.

C	Layout updated, SW discharge rate reduced	IH	Nov '23
B	Full redesign to suit revised scheme	IH	Jul '22
A	Design revised in accordance with latest site plan & client comments	IH	Jul '21
REV:	DESCRIPTION:	BY:	DATE:
STATUS: Preliminary			

S-MECH
Consulting Engineers

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CLIENT: Fellow Homes Ltd

PROJECT: Lucas Lane,
Whittle le Woods, Chorley

TITLE: Proposed Development
Drainage Layout

SCALE AT A1:	DATE:	DRAWN:	CHECKED:
1:250	Sep '20	IH	IH
PROJECT NO:	DRAWING NO:	REVISION:	
2434	100	C	