



1 MATCH LINE

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Notes

- Do not scale this drawing. All dimensions must be checked/verified on site. If in doubt ask.
- This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
- All dimensions in meters unless noted otherwise. All levels in metres unless noted otherwise.
- Any discrepancies noted on site are to be reported to the engineer immediately.
- This drawing should be printed and read in colour.

Design Notes

- Cover levels in line with Landscape Architect drawings ref P22009-00-001-DZ-0107 Levels Plan, rev 04 (Aconex download 27/11/24).
- Connection to ditch subject to Lead Local Flood Authority (LLFA), Environment Agency approval and a Land Drainage Consent or Environmental Permit.
- Bin store gully position indicative - a low point to be formed in a suitable location.
- Drainage design based on levels design from Landscape Architect.
- All manhole lids subject to vehicular loading to have D400 lids. All others to be E125.
- Manholes within block paved areas to have recessed lids to allow continuation of surfaces.
- Manhole/chamber access covers to be orientated in the same direction as any hard landscaping pavers/flags.
- All foul gullies to be trapped, including gullies with vertical connection.
- Pop-ups positions as per drawings provided by CPW on 27/11/24 - for setting out refer to M&E and Architect drawings.
- All above ground drainage stacks to be provided with roddable access.
- Fat/grease traps, hot flow pipes, chemically resistant drainage requirements to be indicated and specified by others.
- Pump station, associated storage and treatment plant to be designed by others.

Legend

- Red line boundary
- Existing private SW drain / manhole
- FW drain (I/D & gradient)
- SW drain (I/D & gradient)
- CW drain (I/D & gradient)
- FW manhole / access chamber
- SW manhole / access chamber
- CW manhole / access chamber
- Pumping station
- Pump emergency storage
- FW rising main
- Headwall
- External gully (FW)
- Downpipe connection (FW)
- Gully connection (FW)
- Drainage to be abandoned

Abbreviations:

- | | |
|------------------------------------|-------------------------|
| FW - foul water | MH - manhole |
| SW - surface water | CL - cover level |
| CW - combined water | IL - invert level |
| U/S - upstream | I/D - internal diameter |
| D/S - downstream | BD - backdrop |
| mAOD - meters above Ordnance Datum | EX - existing |

5m SCALE 1:250

P02	29.11.24	Issued for comment	AW	AS
P01	26.07.24	First Issue	AW	AS
Rev	Date	Details of Issue	Drawn	Rwd

Issues & Revisions

Consultant

HEXA

Client



HENRY BROTHERS

Project Title

TWYCROSS ZOO

Drawing Title

FOUL WATER DRAINAGE -
SHEET 1 OF 2

Drawn By	AW	Reviewed By	AS
Hexa Ref	600902	Scale at A1	1:250

Purpose of Issue	Status
STAGE 4	S0

Project - Originator - Zone - Level - Type - Role - Number	Revision
600902-HEX-00-00-C-9202	P02