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450Ø
CL 173.63
IL 172.10

450Ø
CL 173.59
IL 172.40

100Ø @ 40%

150Ø @ 1:36

Allowance has been made to drain the existing building into both the surface and foul water drainage systems.

Proposed foul water pumping station.
Cover level: 173.51m
Invert level: 171.75m

450Ø
CL 173.04
IL 172.00

150Ø @ 1:150

600Ø @ 1:84

600Ø
CL 174.19
IL 171.84

450Ø
CL 172.89
IL 172.06

225Ø @ 1:190

Proposed Class 2 Full Retention Oil Separator designed for total catchment >0.19ha.
SPEL P040/1CSC or similar approved.

All rainwater pipes, gullies and channels to be coordinated post-planning.

600Ø
CL 174.23
IL 171.75

600Ø
CL 174.50
IL 171.79

Proposed Cellular Crate Attenuation Tank
16.5 x 5.5 x 1.2m deep
103m³ (95% voids) storage for 100yr + 40% climate change event
Approx cover level: 174.50m
US invert level: 171.75m
DS invert level: 171.68m

yard/parking

150Ø @ 1:123

600Ø
CL 174.53
IL 173.31

600Ø
CL 174.56
IL 173.06

150Ø @ 1:80

SW17a 475Ø
CL 175.200
IL 173.629 150Ø

150Ø @ 1/55 10m

SW17 1200Ø
CL175.100
IL 173.504 150Ø

150Ø @ 1:97

600Ø
CL 174.42
IL 173.66

Surface water is to outfall by gravity to the proposed surface water drainage system on the adjacent site, subject to approval from the third party land owner and Yorkshire Water. It is assumed the adjacent network will be constructed and an S106 application will therefore be required.
The adjacent drainage system is assumed to be able to accommodate the additional outflow from Holmfirth Fresh Fish site (2.2 l/s).

SW16a 475Ø
CL174.900
IL 173.400 150Ø

SW16 1200Ø
CL174.900
IL 173.218 150Ø

150Ø @ 1/55 15.75m CLAY

2.000 150Ø @ 1/55

Proposed surface water pumping station.
Max flow rate 2.2 l/s (Q_{BAR})
Cover level: 174.48m
Invert level: 171.68m

Cover level TBC

450Ø
CL 175.50
IL 174.77

100Ø @ 1:37

Foul water is to outfall by gravity to the proposed private foul water drainage system on the adjacent site, subject to approval from the third party land owner. The adjacent drainage system is assumed to be able to accommodate the additional flows from the Holmfirth Fresh Fish site. The proposed flows are for domestic waste purposes only.

450Ø
CL 176.94
IL 175.60

150Ø @ 1:7

450Ø
CL 179.31
IL 177.95

2.001 150Ø @ 1/92
33m CLAY

SW08 1500Ø
CL175.900

Legend

- Proposed surface water manhole and drain
- Proposed foul water manhole and drain
- Proposed attenuation tank
- Proposed surface water pumping station and rising main
- Proposed foul water pumping station and rising main
- Existing combined sewer
- Existing surface water manhole and drain on adjacent site

0 10 20 m

General Notes

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Health & Safety Note

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Rev.	Date	Description	Drn / Chk'd / Appd
P03	07/06/2023	Site boundary update.	AB / LC / SLL
P02	12/08/2022	Revised to pump drainage to adjacent development.	AB / LC / SLL
P01	22/07/2021	First Issue.	LC / SLL / SLL

Suitability: S4 - Suitable for Stage Approval

JNP GROUP
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Client: Holmfirth Fresh Fish Ltd

Job: Holmfirth Fresh Fish Ltd

Title: Drainage Strategy

Classification: FI_60_20
Scale @ A1: 1:200

Project - Originator - Volume/System - Level/Location - Type - Discipline - Number: B24578 - JNP-XX-XX- DR -C- 2001
Document/Drawing Number
Revision: P03

JNP Group Internal Project Number: B24578

Complies to ISO/7200:2004 - JNP QA Ref: QD010 Rev 0