CONNECTION INTO EXISTING YORKSHIRE WATER COMBINED SEWER SUBJECT TO A S106 WITH YORKSHIRE WATER

EX MH
CL 88.305
IL 85.905

EXISTING YORKSHIRE WATER COMBINED SEWER

EXISTING COMBINED SEWER 500Ø IL TBC

FW MH
CL 89.650
IL 86.346

SW MH
CL 88.350
IL 88.499

FW MH
CL 88.950
IL 86.508

SW MH
CL 88.800
IL 87.880

FW MH
CL 88.800
IL 86.968

SW MH
CL 88.400
IL 87.950

SW MH
CL 88.550
IL 87.004

FW MH
CL 89.200
IL 86.643

FW MH
CL 88.950
IL 86.925

SW MH
CL 88.500
IL 87.806

SW MH
CL 89.250
IL 87.792

FW MH
CL 89.250
IL 86.782

FW MH
CL 89.100
IL 87.488

SW MH
CL 89.000
IL 87.612

FW MH
CL 89.100
IL 86.881

SW MH
CL 88.600
IL 87.034

FW MH
CL 89.000
IL 86.978

SW MH
CL 89.100
IL 87.989

FW MH,
CL 87.900
IL 87.248

SW MH
CL 87.900
IL 87.400

FW MH
CL 87.660
IL 87.000

SW MH
CL 87.650
IL 87.198

SW MH
CL 87.750
IL 87.226

SW MH
CL 87.650
IL 86.435

SW MH
CL 87.750
IL 87.300

CONNECTION INTO CULVTERED WATERCOURSE SUBJECT TO IDB/LLFA CONSENT
IL 86.285

EXISTING DITCH CULVERTED SUBJECT TO IDB/LLFA CONSENT

EXISTING CULVERT

Cellular Storage
9.5x5.0m 8m depth = 38.000m³
To store in the
1 in 100 Year + 40% CC
CL 86.600
Bottom Of Tank 86.530

Hydrobrake restricting storm water discharge rate to 1.0 l/sec for 1in100Yr + 40%
Product Code -
CTL-SHE-0049-1000-0800-1000
CL 88.350
IL 86.570

DARLEY HOUSE
CONVERT HMO TO TWO DWELLINGS
1
2
Type A
Type B
T1
T3
T5
T7
G2
G4
G6

Drainage Strategy - Scale (1:150)

Key

- Proposed Surface Water Drainage
- Proposed Foul Water Drainage
- Existing Sewer

1. Do not scale off this drawing
2. This Drawing is for planning purposes only and should not be used as a construction drawing

Status: PRELIMINARY

No.	Revision	Date	Drwn
P1	FIRST REVISION	23.12.25	JS

RWP AND SVP/FOUL CONNECTIONS ARE SUBJECT TO FINAL CONFIRMATION BY ARCHITECT

Drainage Strategy

The site is located within flood zone 1 with a low risk of flooding from rivers or the sea and is less than 1 hectare, therefore a site specific flood risk assessment should not be required.

The existing site is a greenfield, we are proposing to discharge surface water at 1l/s to prevent blockages happening to the surface water system and reduce the risk of flooding.

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.

Surface Water:

Flow restriction 1.0/s will be achieved using a Hydrobrake.
Product Code - **CTL-SHE-0049-1000-0800-1000**

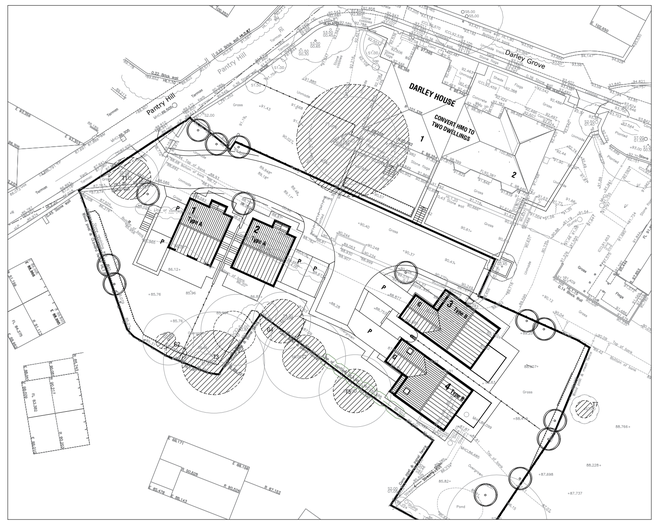
The proposed impermeable area is 750m² including 10% urban creep, please refer to impermeable area plan. Based on a flow restriction of 1.0l/s and modeling using Causeway Flow software the attenuation requirement for a peak return period of 1 in 100year plus 40% climate change is 38.00m³.

Attenuation for the proposed impermeable area of 750m² to be provided via GEO-CELLULAR TANK, 9.5x5x0.8m DEEP = 38.00m³.

Surface water from the proposed site will connect into the culverted watercourse on site, subject to IDB consent.

Foul Water:

Foul water from the proposed new site will connect into the existing Yorkshire Water combined water sewer, subject to an S106 agreement with Yorkshire Water.



Proposed Impermeable Area Plan - Scale (NTS)

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CLIENT: Darley Arts

PROJECT: Pantry Hill, Barnsley

DRAWING TITLE: Drainage Strategy

Drawn	Chkd	Date	Scale
JS	AD	Dec 2025	As Shown

Sheet Size	Drawing No.	Revision
A1	25903-DR-C-0100	P2