H-3-264-824

LADY CROFT LANE

OLD HOUSE CLOSE

EXISTING HEDGEROW

POND

Private Pond / Ecological Feature

Yorkshire Water require trees/ hedges to have a minimum of 5m clearance from any potential adoptable sewer. Therefore, this section of existing hedgerow will need to be removed to the outfall, unless agreement can be reached

Proposed new manhole to be constructed onto the existing 150dia combined sewer connection to the satisfaction of Yorkshire Water in accordance with Section 106 of the WIA 1991
F1
Cl:54.75
IL:53.386
*Existing invert level of pipe to be confirmed prior to construction works

EX MH
Cl:54.874
IL:53.687(450)

EX MH
Cl:54.365
IL:52.319(150)

EX MH
Cl:52.910
IL:51.787(450)

Existing Surface Water sewer

Existing combined sewer

Yorkshire Water require discharge rights in perpetuity

Adjacent landowners will need to be party to the S104 agreement

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New connection onto existing surface water culvert to the satisfaction of the LLFA. Land Drainage Consent will be required
EX CL: 54.30
EX IL: 53.29 (450ø)*
IL: 53.62 (150ø connection)
*Existing invert level of pipe to be confirmed prior to construction works

SUBJECT TO THE APPROVAL OF ALL RELEVANT AUTHORITIES

N O T E S

ATTENTION IS DRAWN TO THE REQUIREMENTS OF THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 AND THE DUTIES AND RESPONSIBILITIES CONTAINED THEREIN

K E Y

- G — Gully
- Storm Water Manhole
- Foul Water Manhole
- Storm Water Inspection Chamber
- Foul Water Inspection Chamber
- Rain Water Pipe
- Foul Stack
- Storm Water Sewer
- Foul Water Sewer
- Combined Sewer
- RE — Rodding Eye
- CD — Channel Drain (min B125 grade cover)
- YG — Yard Gully
- (0.000) — Storm Water Invert Level
- 0.000 — Foul Water Invert Level

General Notes

1. This drawing is to be read in conjunction with all relevant ARP and Architects drawings and project specifications.
2. All drainage works shall be carried out in accordance with the relevant parts of BSEN 752 'Drains and Sewer Systems Outside Buildings', the current Building Regulations and the Local Authority Building Control specifications and requirements.
3. The location, size and depth of all existing drains/sewers and services shall be established by the contractor prior to commencement of works on site. Any discrepancies from the information indicated on these drawings shall immediately be brought to the attention of the engineers.
4. All levels and dimensions shall be verified on site prior to commencement of any works. Any discrepancies shall immediately be brought to the attention of the engineers.
5. All pipes shall be laid with soffits level. All manhole/inspection chamber invert levels shown are for the outlet pipe (unless specified otherwise). All pipe runs shall be laid to the levels indicated.
6. All private foul and surface water pipes to be 100mm ø unless stated otherwise.
7. All connections to public sewers to be a minimum of 150mm ø.
8. All private manholes within drives to have B125 covers with concrete collar, all others to be A15.
9. All private backdrop manholes to be 900mmø PCC chambers unless stated otherwise.
10. 450mmø chambers for depths greater than 1.2m, restricted access opening to 350mm is required for safety reasons.
11. All RWP's & SVP's connections to be 100mm dia (unless specified otherwise by the Architect). Gully connections to be 150mm dia.
12. All RWP's, SVP's and connections are shown indicatively or to the latest Architects drawings. Position of down pipes must be confirmed from Architects drawing before laying underground pipework. All down pipes should be provided with a roddable access point above the FFL.
13. All private drainage laid within 1m from tree canopies and hedges to have concrete bed and surround.
14. Filled ground or soft spots must be excavated, backfilled and consolidated before any drainage works are carried out.
15. All excavations in areas of high water tables and granular materials with high sand/silt contents shall be wrapped with a suitable geotextile filter membrane to prevent migration of sands/silts. Full height clay stanks across trenches and/or at manhole locations at 25m intervals to restrict water movement along the excavation shall be provided.
16. No water should be allowed to discharge from any private drives onto the adoptable highways. All private gullys and channel drainage positions shown may vary to suit on site working conditions.
17. Do not scale from this drawing.

Rev	By	Date	Revision	Chk	Apvd
C	RJ	30.09.22	S104 Submission	MI	MI
B	PSC	01.09.22	Drainage amended to suit clients comments	MI	MI
A	PSC	23.03.22	Updated to client comments	MI	MI
/	PSC	18.02.22	Issued for approval	MI	MI

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ARP Associates is a trading division of ARP Geotechnical Ltd, a company registered in England and Wales with company number 3771811, whose registered office is at 5/6 Northwest Business Park, Servia Hill, Leeds LS6 2QH

TITLE
PRIVATE DRAINAGE LAYOUT

PROJECT
CEMETERY ROAD,
HEMMINGFIELD, BARNSLEY

CLIENT
ETON CONSTRUCTION LTD

DRAWING STATUS
PRELIMINARY

Scale	Date	Drawn
1:250 @ A1	FEB 22	PSC
		Chk. MI

Drg. No. 1213/15/05 Rev C