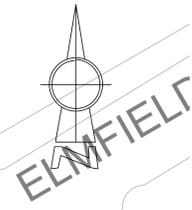


FLOW CONTROL DATA

MANUFACTURER	HYDRO INTERNATIONAL
TELEPHONE	01275 878371
TYPE	HYDRO BRAKE OPTIMUM
FLOW/HEAD	1.5 l/s @ 2.200m
HYDRO REF	SH-0048-1500-2200-1500

To be installed in accordance with manufacturers specifications and recommendations before the manhole cover slab is installed



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

- Gully
- Private Storm Water Manhole
- Private Foul Water Manhole
- Private Storm Water Inspection Chamber
- Private Foul Water Inspection Chamber
- Rain Water Pipe
- Foul Stack / connection
- Private Storm Water Sewer
- Private Foul Water Sewer
- Rodding Eye
- ▬▬▬▬▬▬ Channel Drain (min B125 grade cover)
- Storm Water Invert Level
- 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 BS EN 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 900mm 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 gullies and channel drainage positions shown may vary to suit on site working conditions.
17. Do not scale from this drawing.

B	MI	21.02.23	Amended to suit 900mm dia. pipe option		MI
A	MI	01.02.23	Outfalls amended to clients comments		MI
/	MI	29.11.22	Issued for approval	RSJ	
Rev	By	Date	Revision	Chk	Appd

ARP ARP ASSOCIATES
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ARP Associates is a trading division of ARP Geotechnical Ltd, a company registered in England and Wales with company number 377831, whose registered office is at 5/6 Northwest Business Park, Servia Hill, Leeds LS6 2QH

TITLE
PRIVATE DRAINAGE LAYOUT

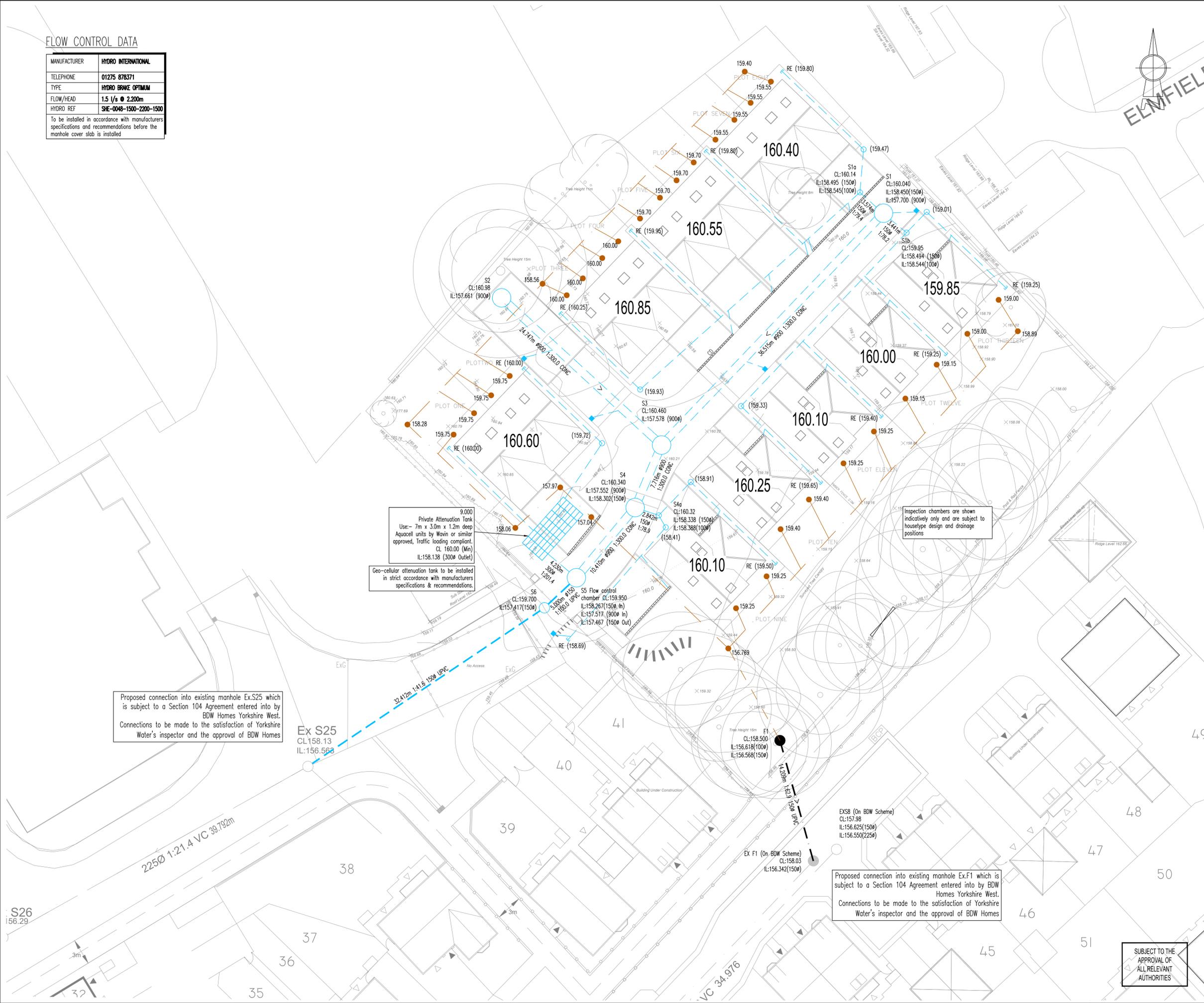
PROJECT
HEATHFIELD LANE BIRKENSHAW

CLIENT
SLJ WAKEFIELD LTD

DRAWING STATUS
PRELIMINARY

Scale	Date	Drawn	MI
1:200 @ A1	NOV 22	Chk.	RSJ

Drg. No.	2069/03/05	Rev	B
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9.000 Private Attenuation Tank
Use:- 7m x 3.0m x 1.2m deep
Aquacell units by Wavin or similar
approved, Traffic loading compliant.
CL:160.00 (Min)
IL:158.138 (300Ø Outlet)

Geo-cellular attenuation tank to be installed in strict accordance with manufacturers specifications & recommendations.

Proposed connection into existing manhole Ex.S25 which is subject to a Section 104 Agreement entered into by BDW Homes Yorkshire West. Connections to be made to the satisfaction of Yorkshire Water's inspector and the approval of BDW Homes

Inspection chambers are shown indicatively only and are subject to house type design and drainage positions

Proposed connection into existing manhole Ex.F1 which is subject to a Section 104 Agreement entered into by BDW Homes Yorkshire West. Connections to be made to the satisfaction of Yorkshire Water's inspector and the approval of BDW Homes

SUBJECT TO THE APPROVAL OF ALL RELEVANT AUTHORITIES