Technical Specification

Control Point	Head (m)	Flow (l/s)
Primary Design	1.000	0.200
Flush-Flo™	0.084	0.109
Kick-Flo®	0.175	0.098
Mean Flow		0.145

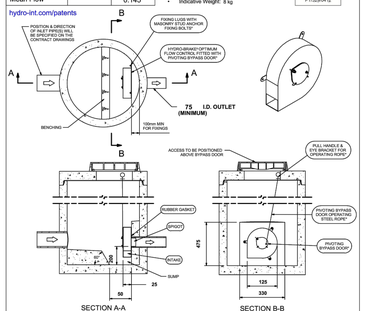
Hydro-Brake® Optimum Flow Control including:

- 3 mm grade 304L stainless steel
- Integral stainless steel pivoting by-pass door allowing clear line of sight through to outlet, c/w stainless steel operating rope
- Bead blasted finish to maximise corrosion resistance
- Stainless steel fixings
- Rubber gasket to seal outlet
- Indicative Weight: 8 kg

BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE No: 08/4696

WRc APPROVED PT/329/0412

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IMPORTANT: ⟷ LIMIT OF HYDRO INTERNATIONAL SUPPLY
THIS SITE SPECIFIC DESIGN TO BE HANDED TO SUIT SITE CONDITIONS
FOR DETAILS OF INVERT LEVELS AND RUBBER SIZE REFER TO HYDRO INTERNATIONAL
ALL CIVIL AND INSTALLATION WORK BY OTHERS
* WHERE SUPPLIED
HYDRO-BRAKE® FLOW CONTROL & HYDRO-BRAKE® OPTIMUM FLOW CONTROL ARE REGISTERED TRADEMARKS FOR FLOW CONTROLS DESIGNED AND MANUFACTURED EXCLUSIVELY BY HYDRO INTERNATIONAL

THIS DESIGN LAYOUT IS FOR ILLUSTRATIVE PURPOSES ONLY. NOT TO SCALE.

DESIGN ADVICE	The head/flow characteristics of this SHE-0020-2000-1000-2000 Hydro-Brake® Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full head/flow characteristic curve. **The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.**
DATE	26/09/2022 14:08
SITE	Lockwood lane
DESIGNER	Jamie Mackay
REF	301192

Hydro International®

SHE-0020-2000-1000-2000

Hydro-Brake® Optimum

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jamie.mackay@sandersonassociates.co.uk

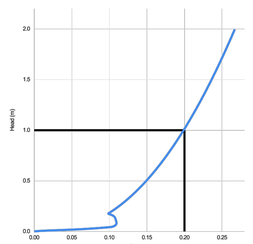
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BBA APPROVAL INSPECTION TESTING CERTIFICATION CERTIFICATE No: 08/4696

WRc APPROVED PT/329/0412

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Head (m)	Flow (l/s)
0.000	0.000
0.034	0.087
0.069	0.109
0.103	0.109
0.138	0.107
0.172	0.099
0.207	0.105
0.241	0.111
0.276	0.117
0.310	0.123
0.345	0.128
0.379	0.133
0.414	0.138
0.448	0.143
0.483	0.147
0.517	0.151
0.552	0.155
0.586	0.159
0.621	0.163
0.655	0.167
0.690	0.170
0.724	0.174
0.759	0.177
0.793	0.180
0.828	0.184
0.862	0.187
0.897	0.190
0.931	0.193
0.966	0.196
1.000	0.199

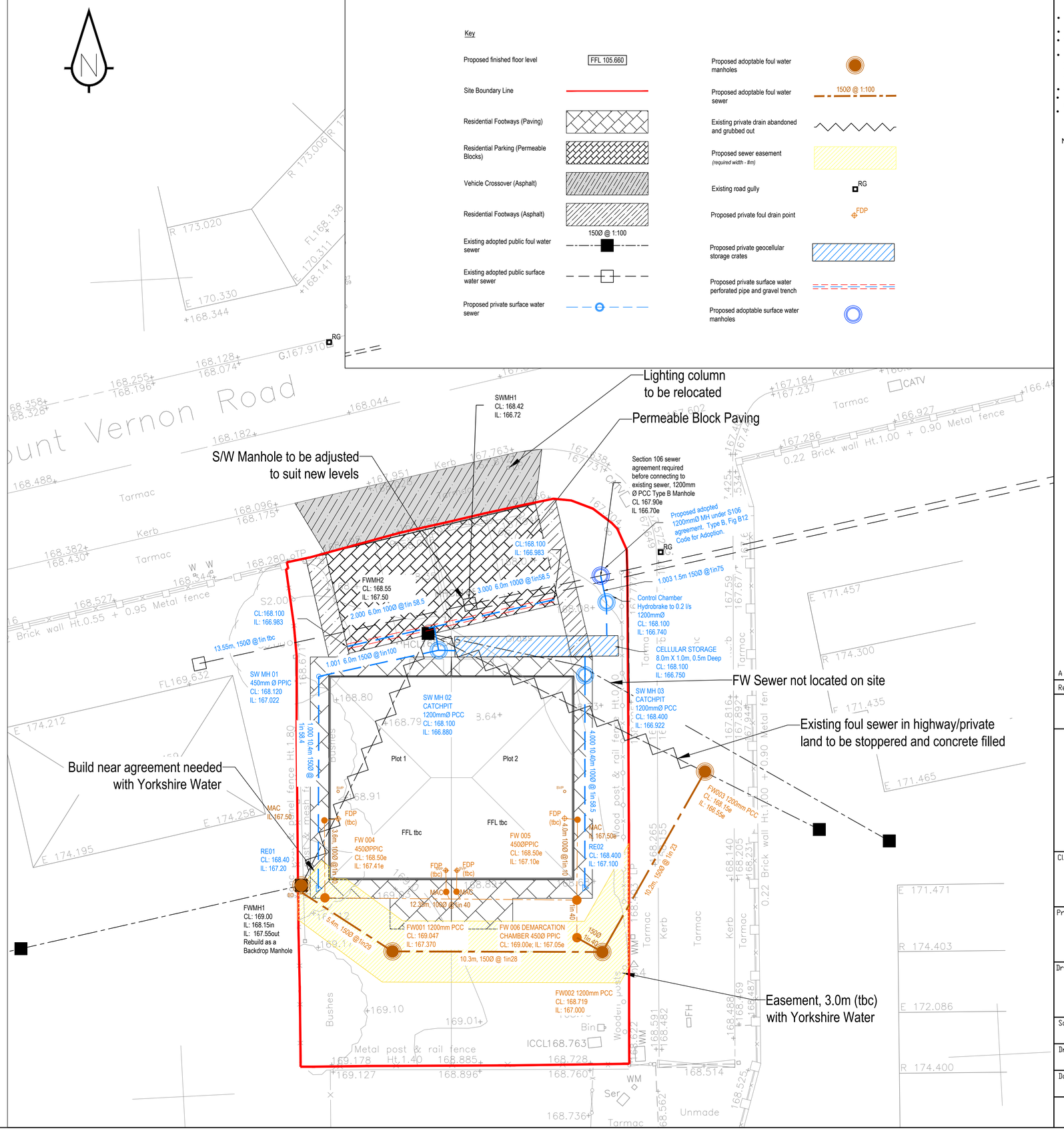
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DATE	26/09/2022 14:08
Site	Lockwood lane
DESIGNER	Jamie Mackay
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Hydro International®

SHE-0020-2000-1000-2000

Hydro-Brake Optimum®

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- Service connections are not shown but their presence should be anticipated.
- Reference to any third party equipment shown on this drawing was only relevant at the time the drawing was prepared.
- It is the client's responsibility to ensure that any equipment ordered meets the design.

Notes:

Rev	Amendment	Drawn	Date	Checked
A	Infiltration Removed	JEM	260922	PJM

PRELIMINARY DRAWING

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Client
WHITE STAGE HOMES

Project Title
LOCKWOOD LANE

Drawing Title
Foul Water and Surface Water Drainage Design

Scale: 1:100	Drawn By: LOB
Drawing Size: A1	Checked By: JEM
Date: 02/09/2022	Approved By: PJM
	Drawing Number: 301192_500_001
	Rev: A

FILE REF:

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