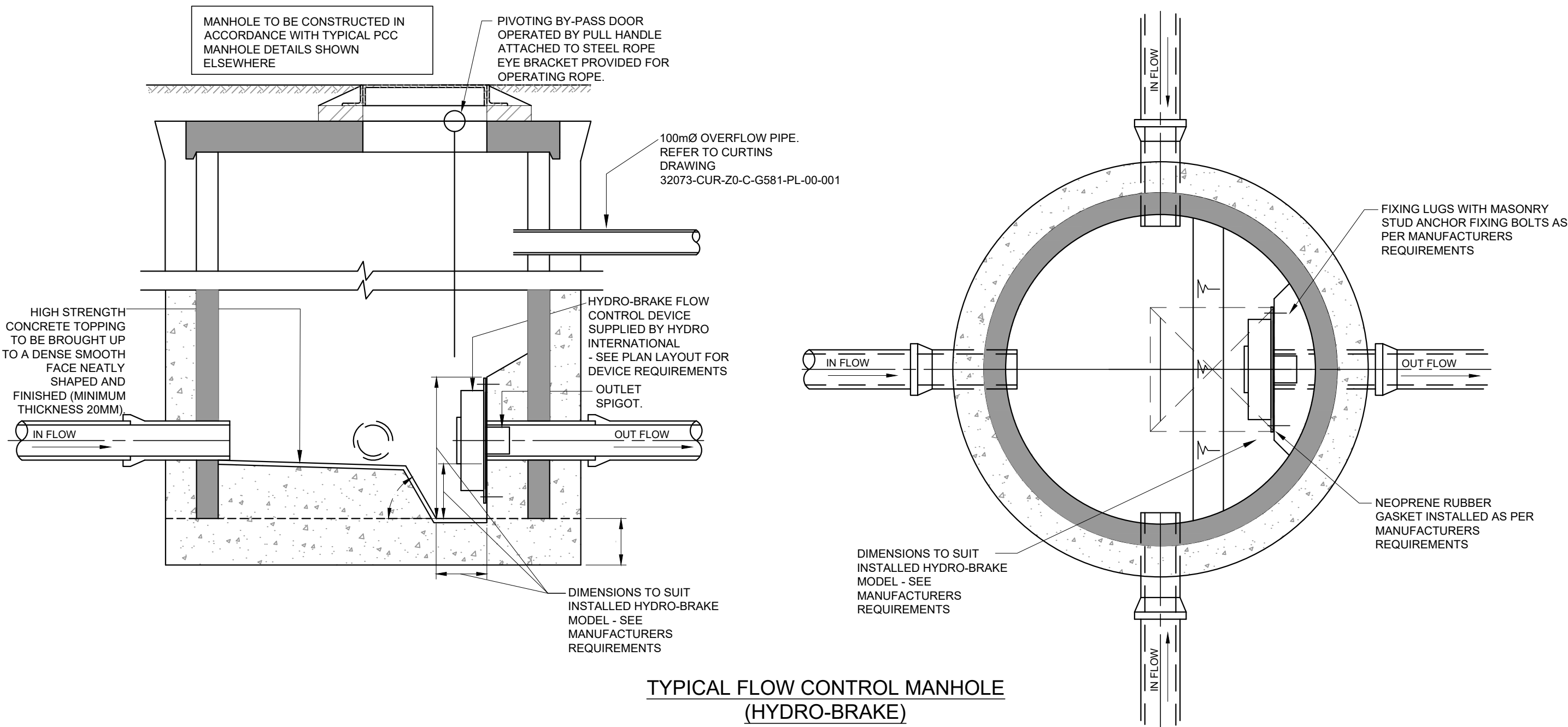


GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- REFER TO THE DRAINAGE LAYOUT FOR THE LOCATION OF THE FLOW CONTROL..
- FLOW CONTROL TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
- WHERE ALTERNATIVE FLOW CONTROL DEVICE IS PREFERRED, IT WILL BE SUBJECT TO REDESIGN TO CONFIRM WHETHER THE SYSTEM HAS CAPACITY.
- DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.



SWMH 7 HYDROBRAKE DETAIL

SWMH 9 HYDROBRAKE DETAIL

Technical Specification

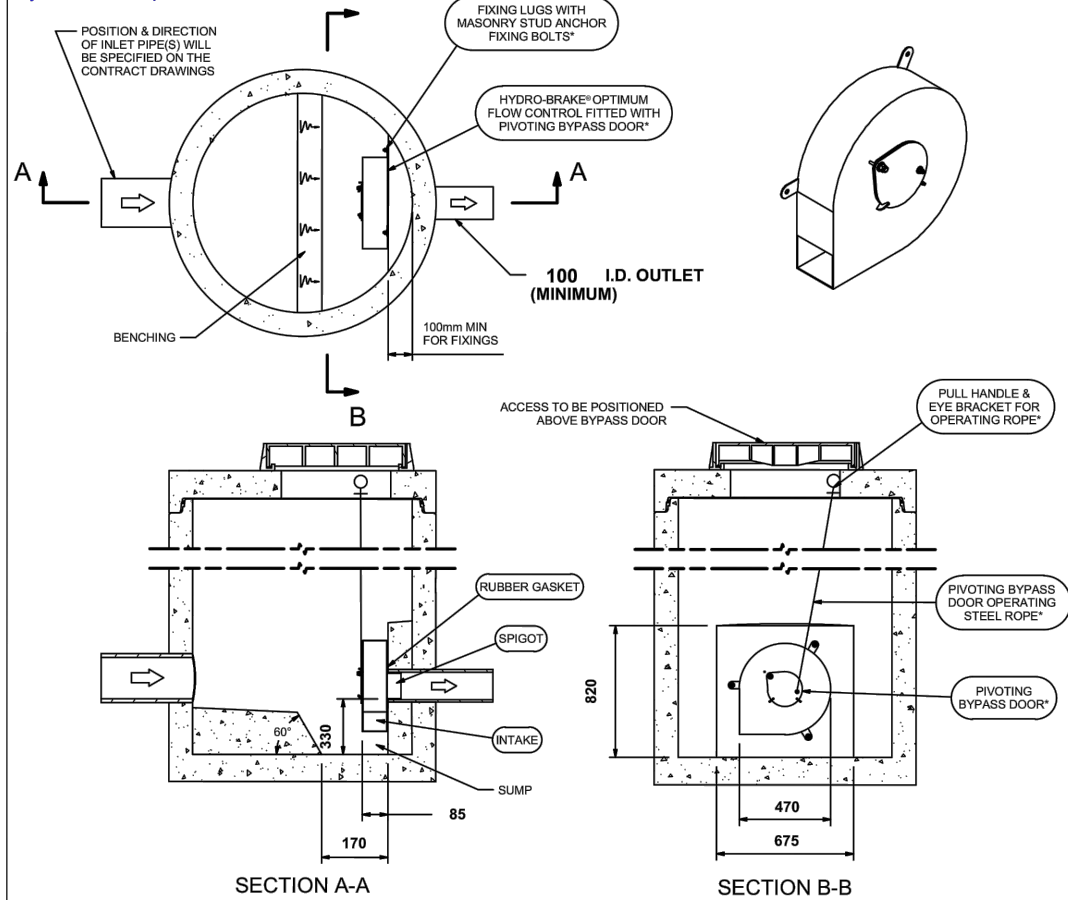
Control Point	Head (m)	Flow (l/s)
Primary Design	2.500	4.000
Flush-Flo™	0.334	2.755
Kick-Flo®	0.689	2.208
Mean Flow		2.972

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
- Bevel bladed finish to maximise corrosion resistance
- Stainless steel flange
- Rubber gasket to seal outlet



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DESIGN ADVICE
! The headflow characteristics of this SHE-0077-4000-2500-4000 Hydro-Brake® Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full headflow characteristic curve. The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.

DATE 2/2/2022 9:50 AM
SITE SHE-0077-4000-2500-4000
DESIGNER Tiago Henriques
REF md-she-0077-4000-2500-4000
© 2022 Hydro International Ltd. Shearwater House, Cleveford Hill Estate, Victoria Road, Cleveford, BS21 7RD. Tel: 01275 878271 Fax: 01275 874879 Web: www.hydro-int.com Email: enquiries@hydro-int.com

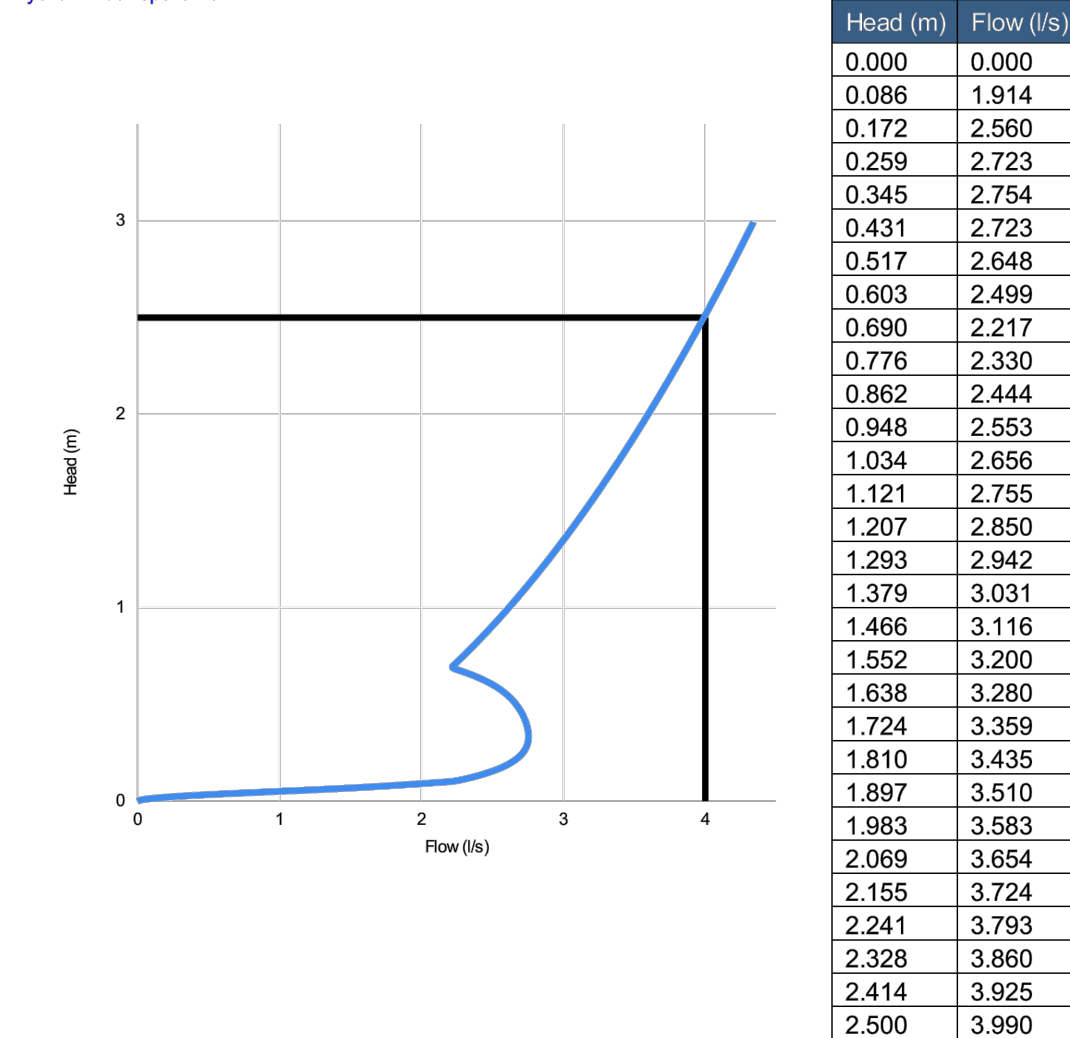
Hydro International®
SHE-0077-4000-2500-4000
Hydro-Brake® Optimum

Technical Specification

Control Point	Head (m)	Flow (l/s)
Primary Design	2.500	4.000
Flush-Flo	0.334	2.755
Kick-Flo®	0.689	2.208
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DESIGN ADVICE
! The headflow characteristics of this SHE-0077-4000-2500-4000 Hydro-Brake® Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full headflow characteristic curve. The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.

DATE 02/02/2022 09:50
Site SHE-0077-4000-2500-4000
DESIGNER Tiago Henriques
Ref md-she-0077-4000-2500-4000
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Hydro International®
SHE-0077-4000-2500-4000
Hydro-Brake® Optimum

Technical Specification

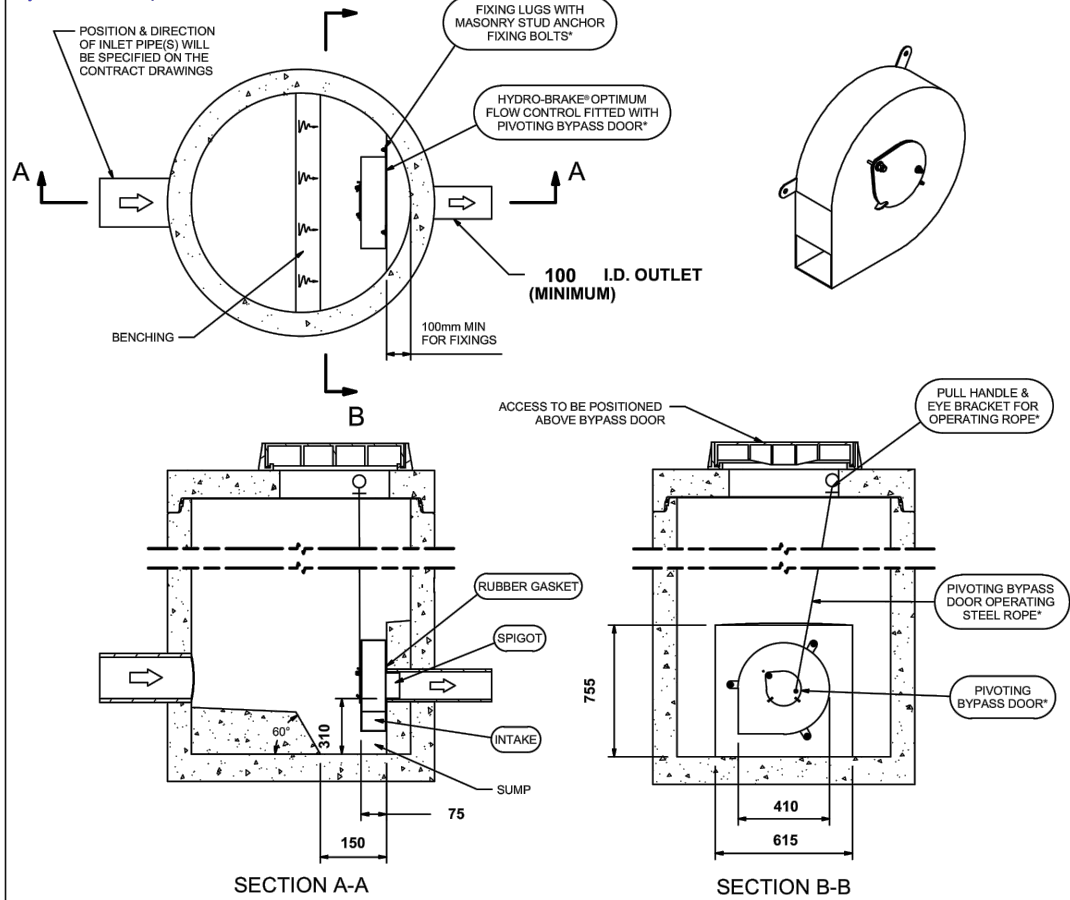
Control Point	Head (m)	Flow (l/s)
Primary Design	1.000	2.000
Flush-Flo™	0.296	1.950
Kick-Flo®	0.599	1.584
Mean Flow		1.730

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
- Bevel bladed finish to maximise corrosion resistance
- Stainless steel flange
- Rubber gasket to seal outlet



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DESIGN ADVICE
! The headflow characteristics of this SHE-0067-2000-1000-2000 Hydro-Brake® Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full headflow characteristic curve. The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.

DATE 7/8/2021 8:15 AM
SITE Swan house
DESIGNER Marta Jarzembowska
REF 067266
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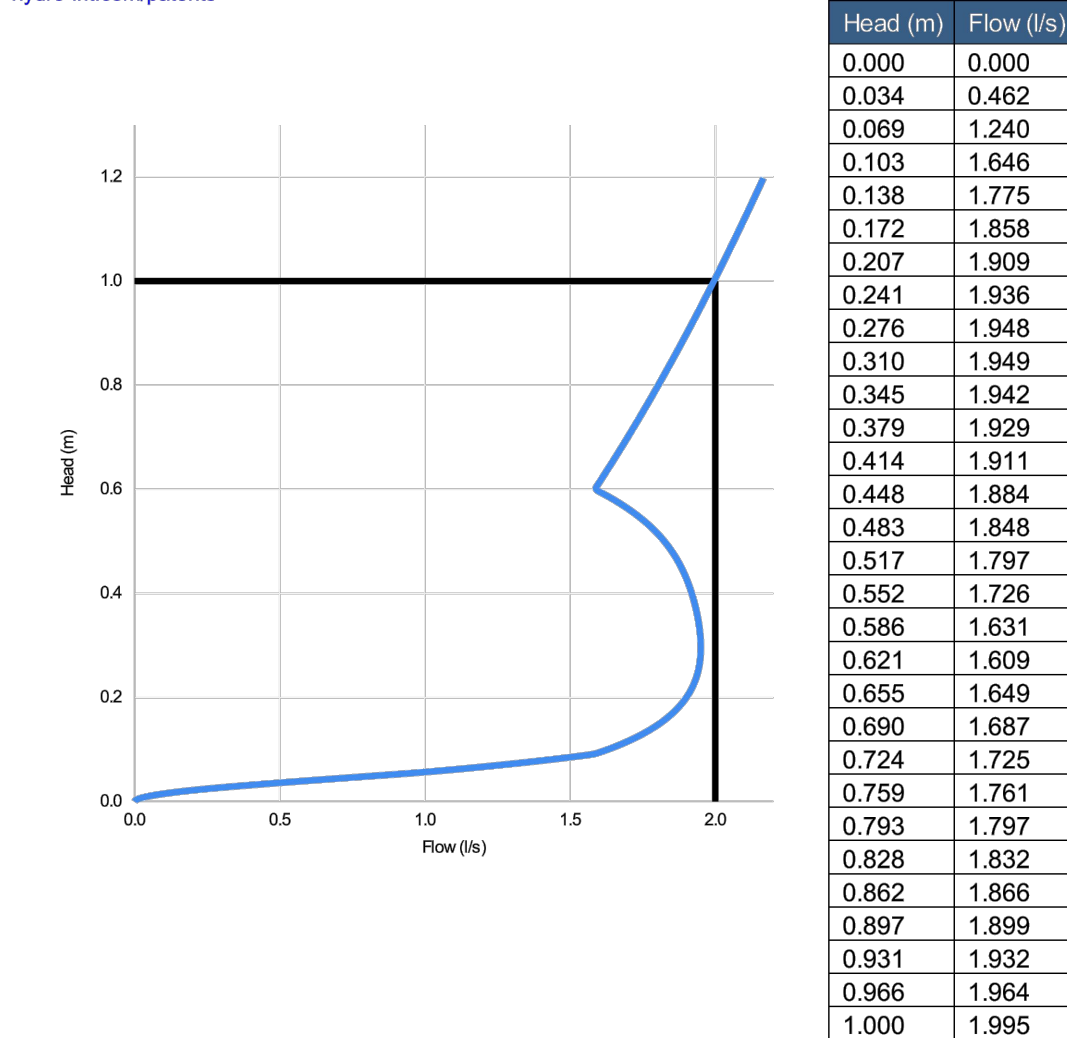
Hydro International®
SHE-0067-2000-1000-2000
Hydro-Brake® Optimum

Technical Specification

Control Point	Head (m)	Flow (l/s)
Primary Design	1.000	2.000
Flush-Flo	0.296	1.950
Kick-Flo®	0.599	1.584
Mean Flow		1.730



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DESIGN ADVICE
! The headflow characteristics of this SHE-0067-2000-1000-2000 Hydro-Brake® Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full headflow characteristic curve. The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.

DATE 08/07/2021 08:15
Site Swan house
DESIGNER Marta Jarzembowska
Ref 067266
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SHE-0067-2000-1000-2000
Hydro-Brake® Optimum

C02	HYDROBRAKE TYPE SW7 AMENDED	02/02/22	MW	MW
C01	FOR CONSTRUCTION	02/12/21	MW	MW
P01	STAGE 4 ISSUE	08/07/21	CS	MW

Rev:	Description:	Date:	By:	Chkd:
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www.curtins.com

Civils & Structures • Transport Planning • Environmental • Infrastructure • Geotechnical • Conservation & Heritage • Principal Designer
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Status: FOR CONSTRUCTION

Project: SWAN HOUSE, ROCHDALE ROAD

Drig Title: DRAINAGE DETAILS
SHEET 4

Project No:	Size:	Date:	Drawn By:	Designed By:	Checked By:	RG Series:
067266	A1	18/01/21	MW	MW	CG	26
Scale:	1:20					

Project Code:	Originator:	Volume:	Role:	Uniclass:	Type:	Level:	Number:	Rev:
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32073 - CUR - Z0 - C - G581- DE - XX- 007- C02