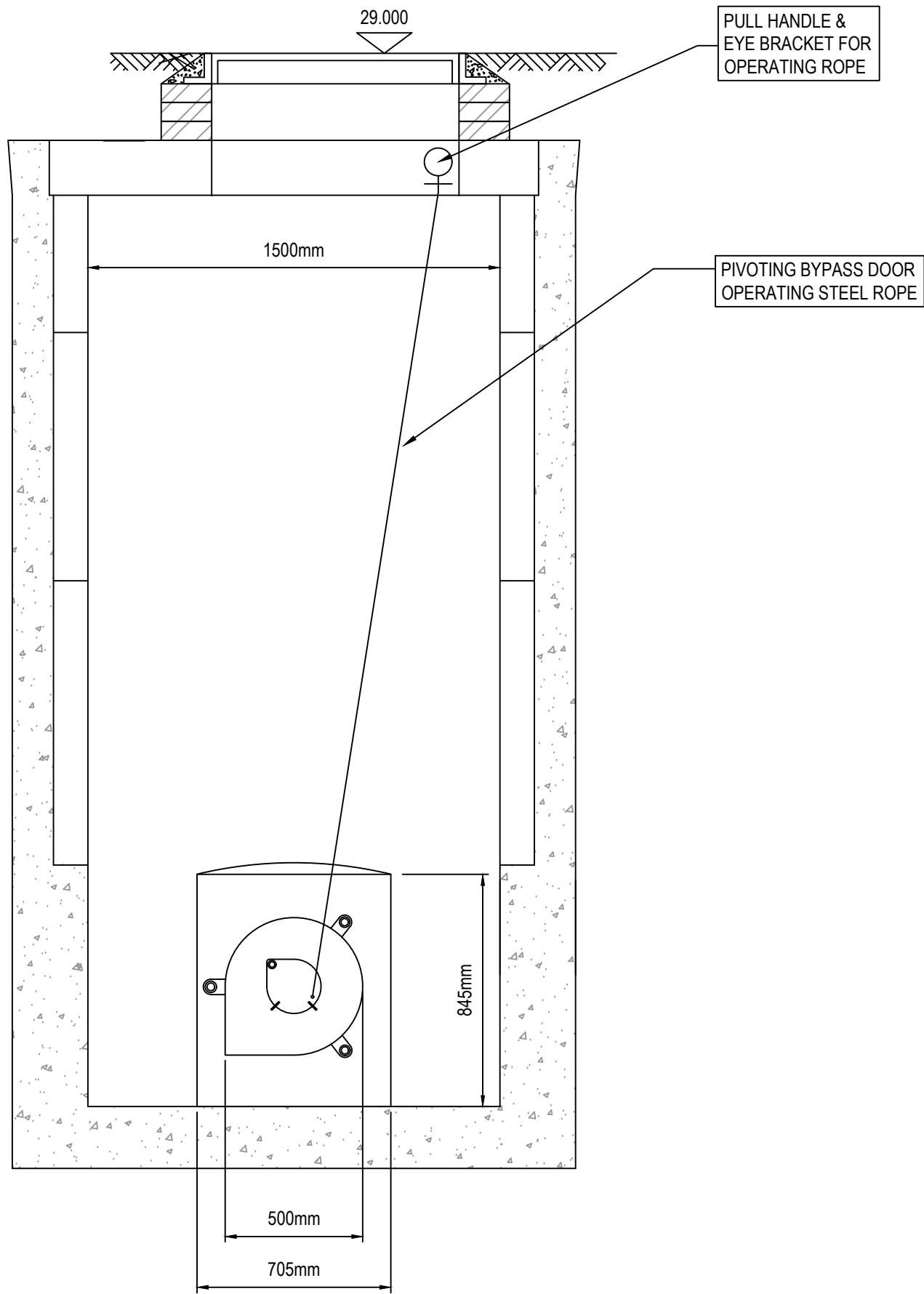
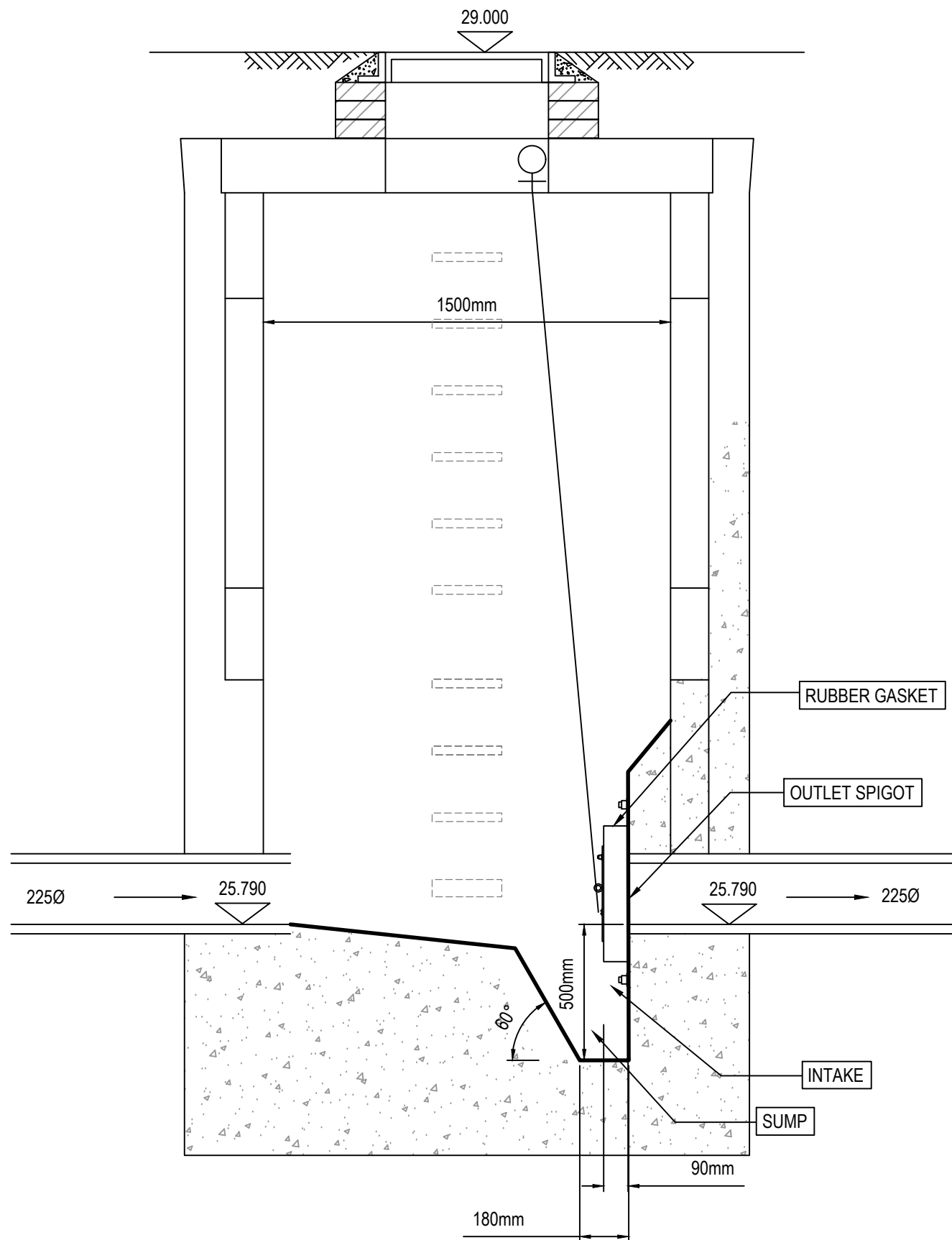




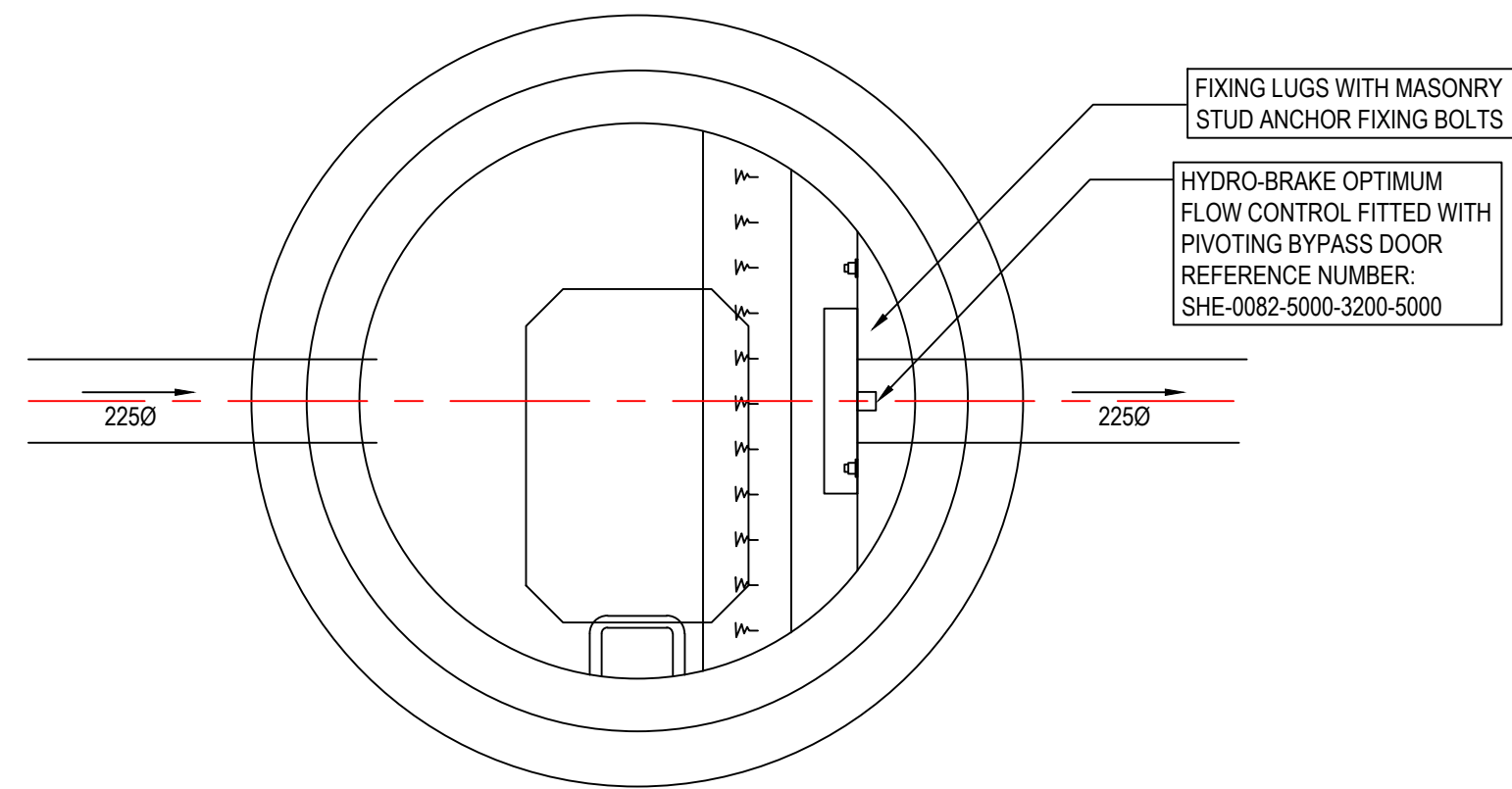
SECTION B - B



MH S106 - FLOW CONTROL CHAMBER

SECTION A - A

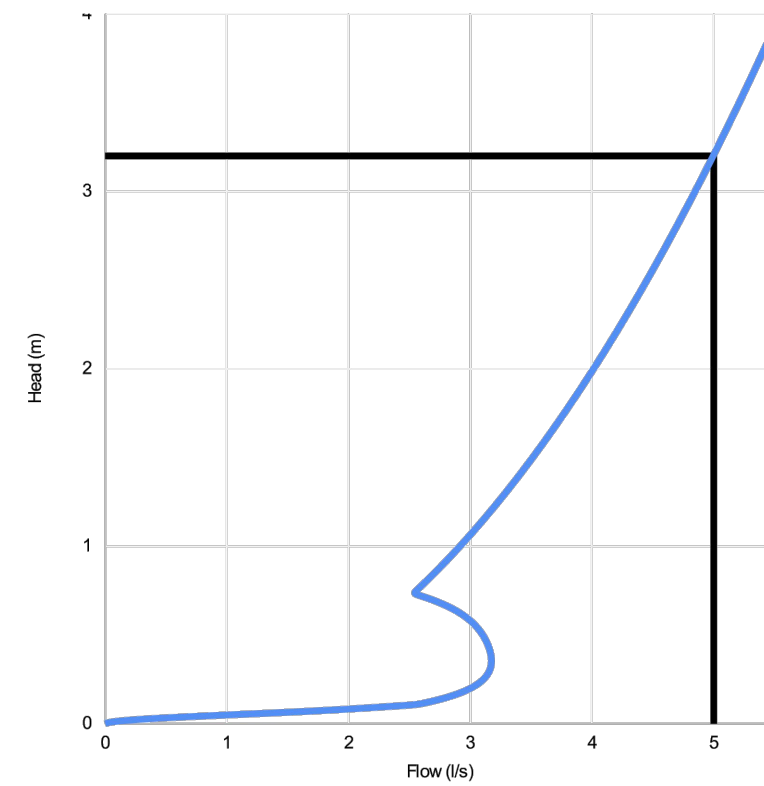
HYDRO-BRAKE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS



MH106 FLOW CONTROL CHAMBER PLAN

Technical Specification		
Control Point	Head (m)	Flow (l/s)
Primary Design	3.200	5.000
Flush-Flt	0.354	3.174
Kick-Flt	0.733	2.530
Mean Flow		3.647

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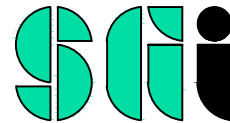
Head (m)	Flow (l/s)
0.000	0.000
0.110	2.578
0.221	3.054
0.331	3.171
0.441	3.146
0.552	3.044
0.662	2.813
0.772	2.591
0.883	2.754
0.993	2.906
1.103	3.050
1.214	3.186
1.324	3.316
1.434	3.441
1.545	3.560
1.655	3.676
1.766	3.787
1.876	3.895
1.986	4.000
2.097	4.101
2.207	4.200
2.317	4.297
2.428	4.391
2.538	4.483
2.648	4.573
2.759	4.661
2.869	4.747
2.979	4.831
3.090	4.914
3.200	4.995

DESIGN ADVICE	The head/flow characteristics of this SHE-0082-5000-3200-5000 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	11/08/2022 09:18	
SITE	Boddingtons	
DESIGNER	warren chan	
REF	C1467	

Hydro
International

SHE-0082-5000-3200-5000
Hydro-Brake Optimum®

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Rev.	Description	Rev. by	Date
 Shepherd Gilmour Consulting Engineers 3rd Floor Phoenix House, 45 Cross Street, Manchester, M2 4JF T: 0161 837 1500 W: www.sginfrastructure.co.uk			
Client Clarion Housing			
Architect			
Project Boddingtons Brewery			
Title MH106 Flow Control Chamber Details			
Date	11.08.2022	Drawn By	NU
Size	A1	Checked By	WC
Scale	1:20	Approved By	EAI
Dwg. No.	DN0107-SGI-ZZ-00-DR-C-4001		
Rev	P01		