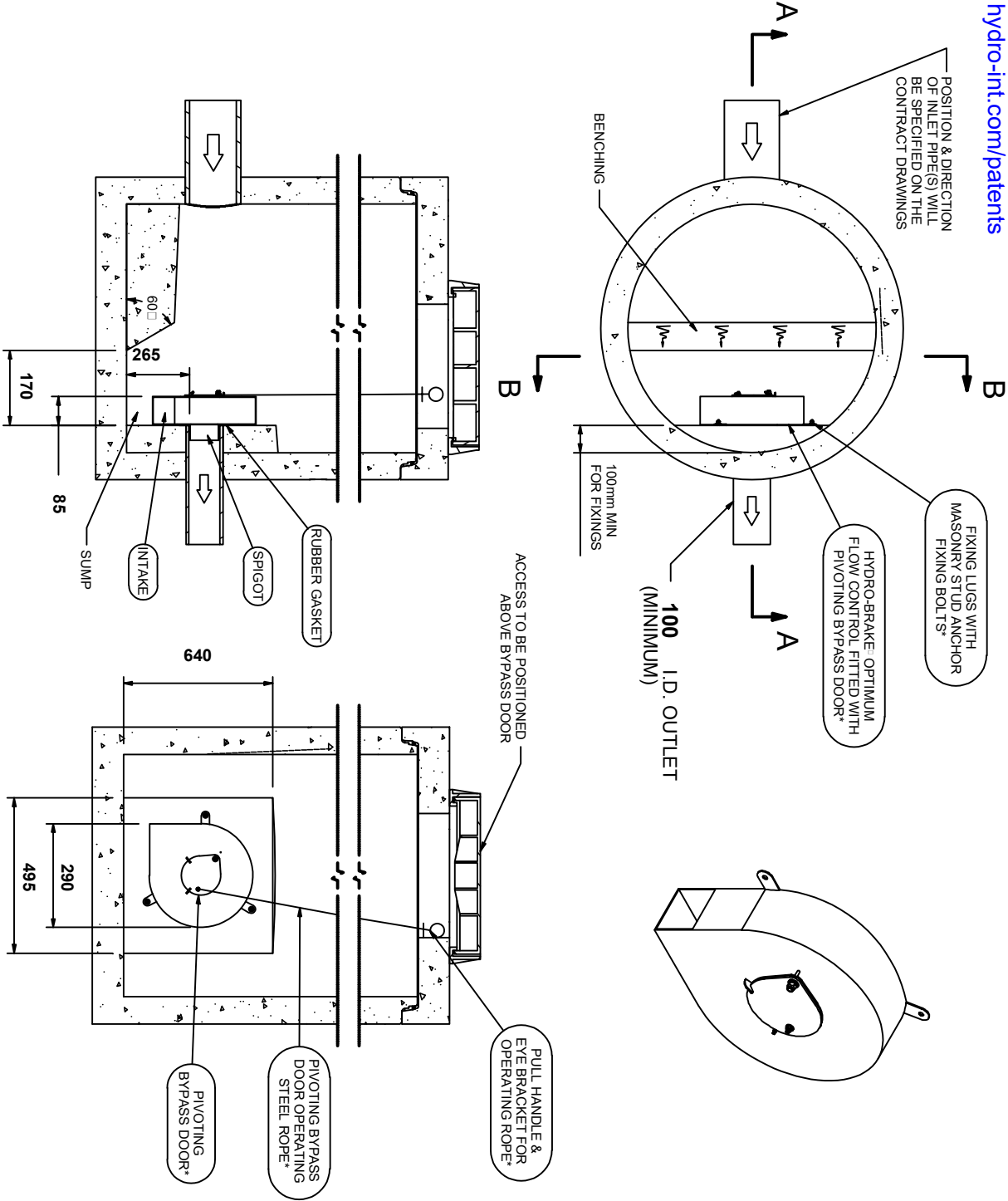


Technical Specification		
Control Point	Head (m)	Flow (l/s)
Primary Design	0.500	2.480
Flush-Flo [™]	0.120	2.478
Kick-Flo [□]	0.314	2.014
Mean Flow		2.057

- 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
 - ☐ Beed blasted finish to maximise corrosion resistance
 - ☐ Stainless steel fixings
 - ☐ Rubber gasket to seal outlet
 - ☐ Indicative Weight: 5 kg



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

DESIGN ADVICE
The head/flow characteristics of this SCL-0077-2480-0500-2480 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	06/04/2023 11:30
SITE	Gelliargwellt Farm
DESIGNER	John Perkins
REF	MRF Lagoons

SCL-0077-2480-0500-2480
Hydro-Brake[□] Optimum

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KEY

REV'N	DATE		AMENDMENT		
J P C E Limited					
CLIENT	JOHN PERKINS BRYN RECYCLING Ltd CONSULTING ENGINEER GELLIARGWELT FARM Bronhaul, Abernant Road GELLIGAER CAERPHILLY CF82 8PY				
DRAWING TITLE & SCALE		PROPOSED ADDITIONAL RECYCLATE SEPARATION FACILITY & ASSOCIATED INFRASTRUCTURE AT GELLIARGWELT FARM, NELSON			
DETAILS OF HYDRO-BRAKE OPTIMUM					
Drawing Number BRL-MRFYD-2023-014		Drawn By : J PERKINS			
Due : APRIL 2023	Scale NTS	Checked : 			