

Technical Specification

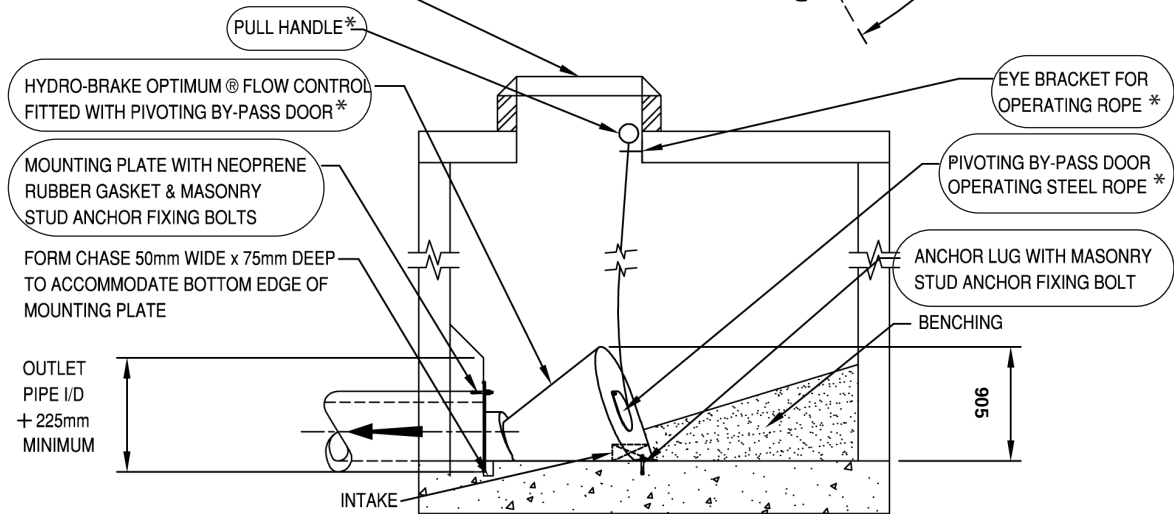
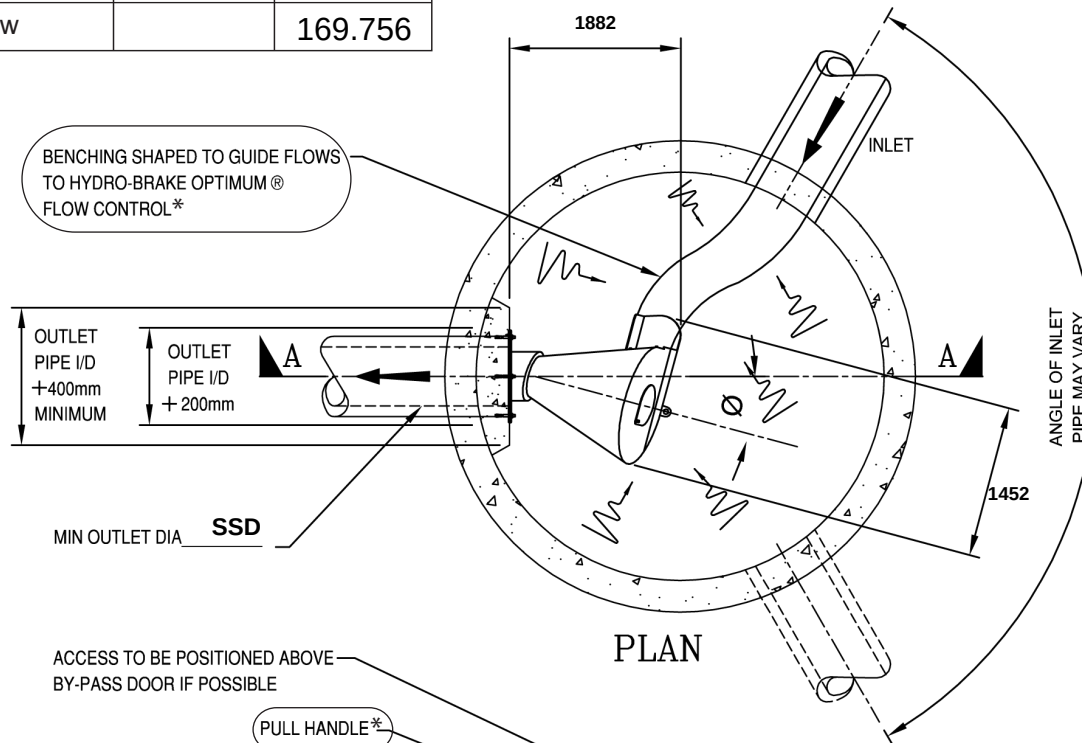
Control Point	Head (m)	Flow (l/s)
Primary Design	1.000	285.940
Flush-Flo™	0.741	270.495
Kick-Flo®	0.817	262.269
Mean Flow		169.756

Hydro-Brake Optimum™ Flow Control including:

- 5 mm grade 304L stainless steel
- Integral stainless steel pivoting bypass 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
- Neoprene gasket to seal outlet



PT/329/0412



SECTION A-A

IMPORTANT:  LIMIT OF HYDRO INTERNATIONAL SUPPLY
 THE DEVICE WILL BE HANDED TO SUIT SITE CONDITIONS
 FOR SITE SPECIFIC DETAILS AND MINIMUM CHAMBER 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 CHE-0515-2860-1000-2860 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.

Hydro
International

DATE 28/11/2017 13:54:46

SITE Houghton Main

DESIGNER Mark Jarvis

REF CRM.066.006

CHE-0515-2860-1000-286C

Hydro-Brake Optimum™