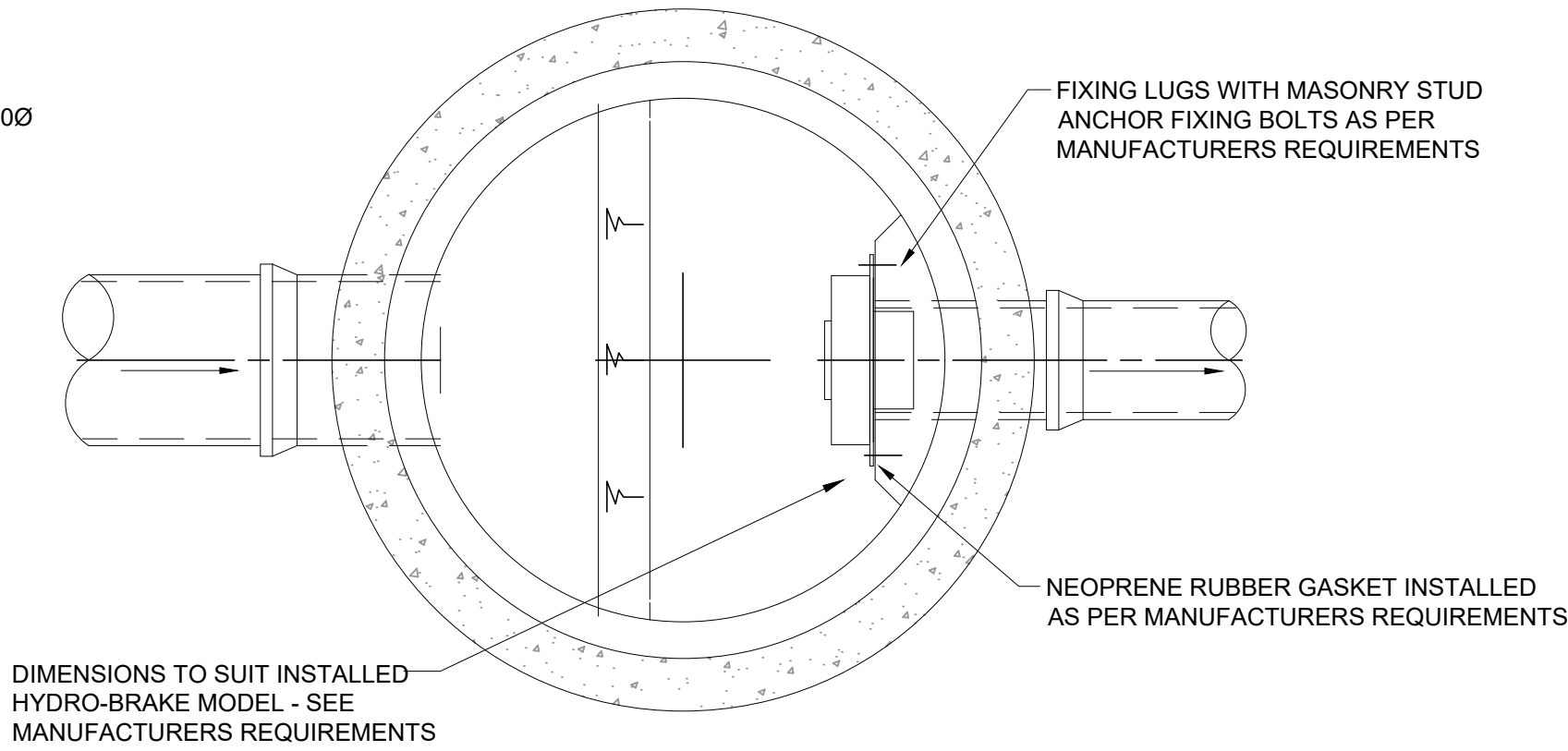
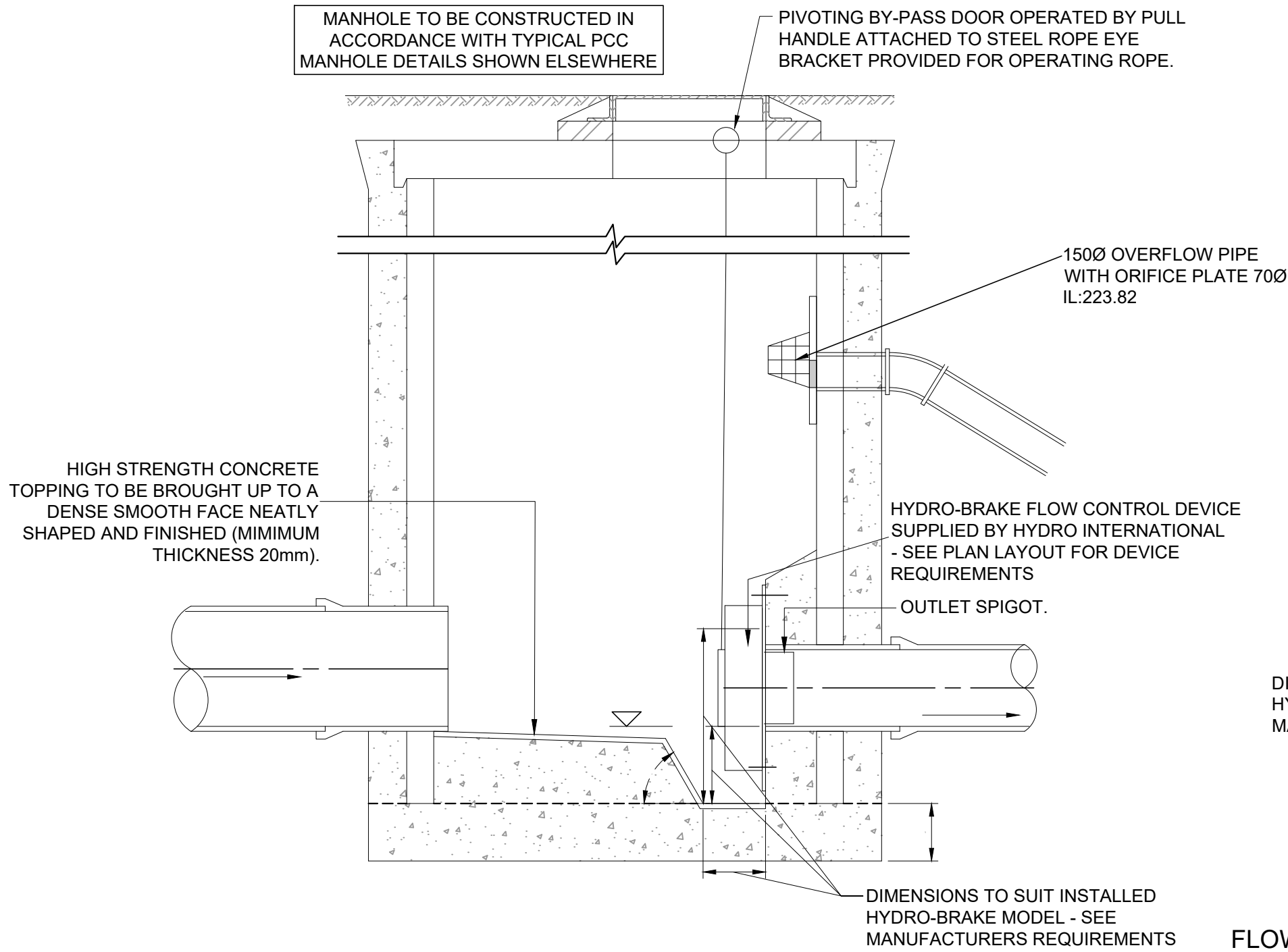
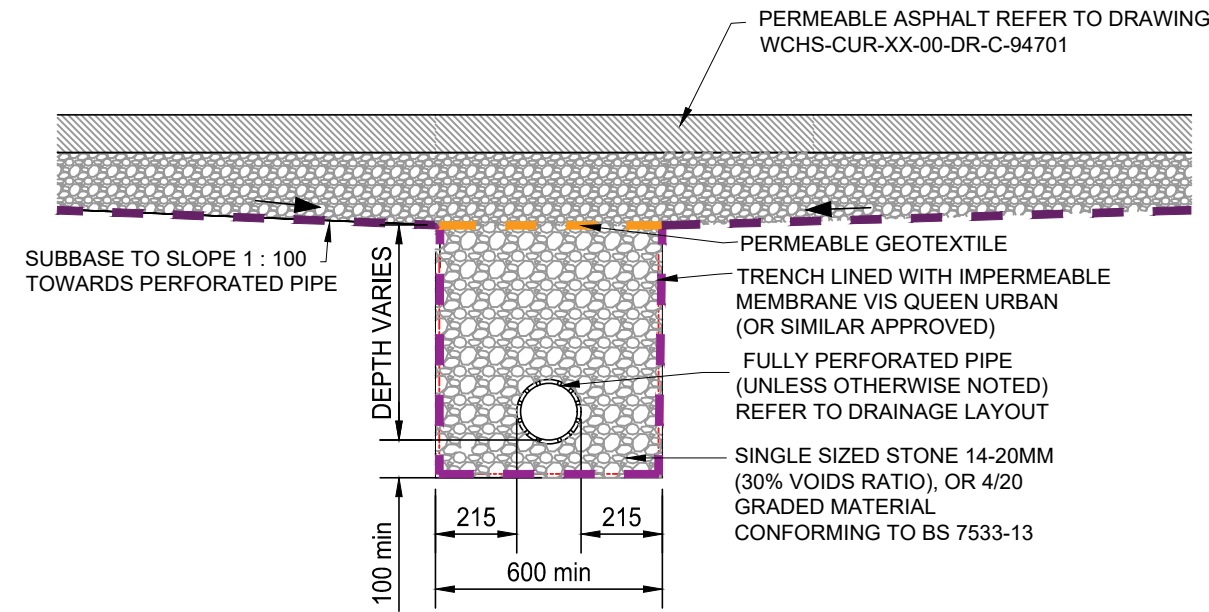


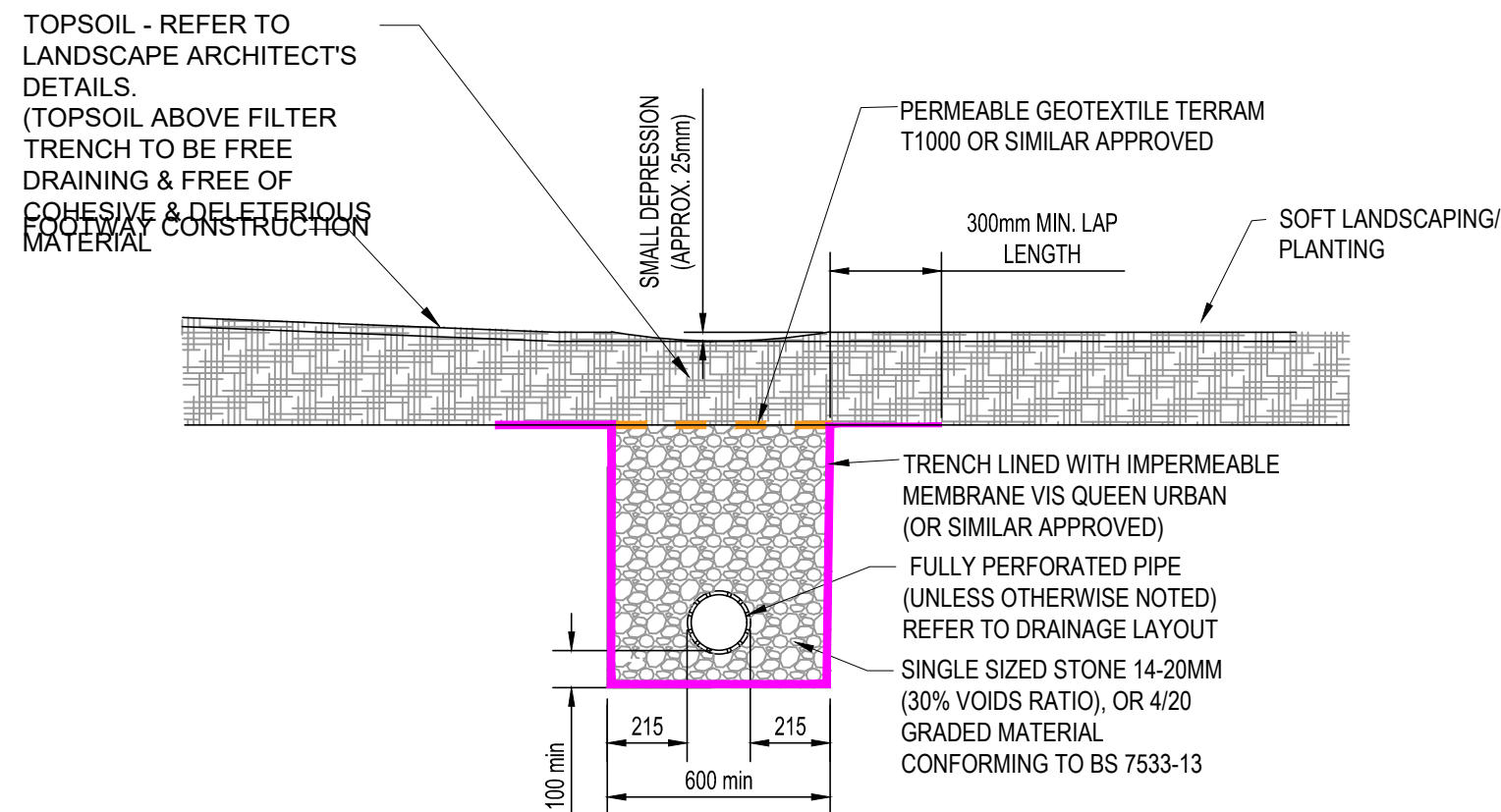


FLOW CONTROL MANHOLE (HYDRO-BRAKE)

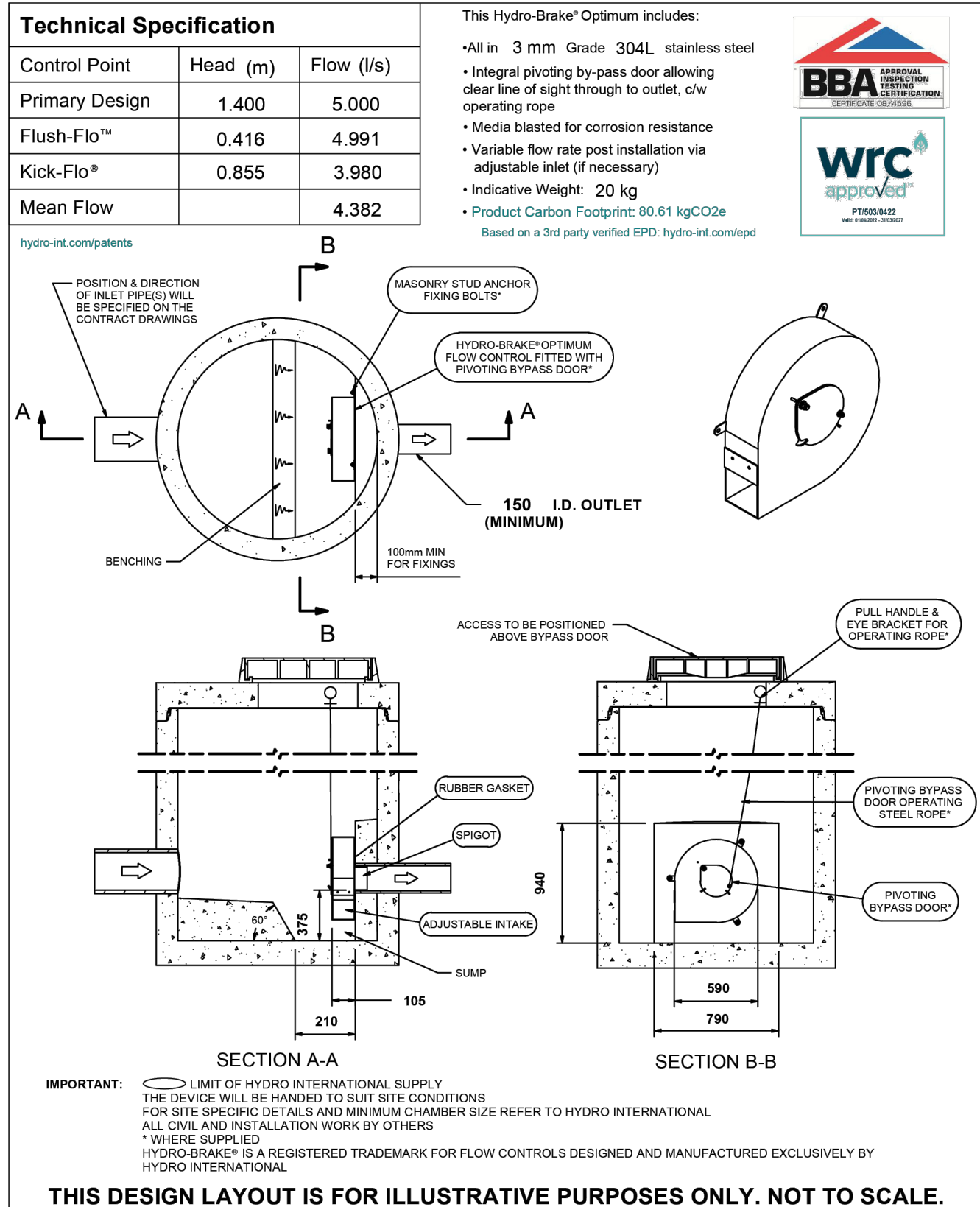
HYDROBRAKE DISCHARGE RATE SET AT 5 L/S. HYDROBRAKE SPECIFICATION TBC



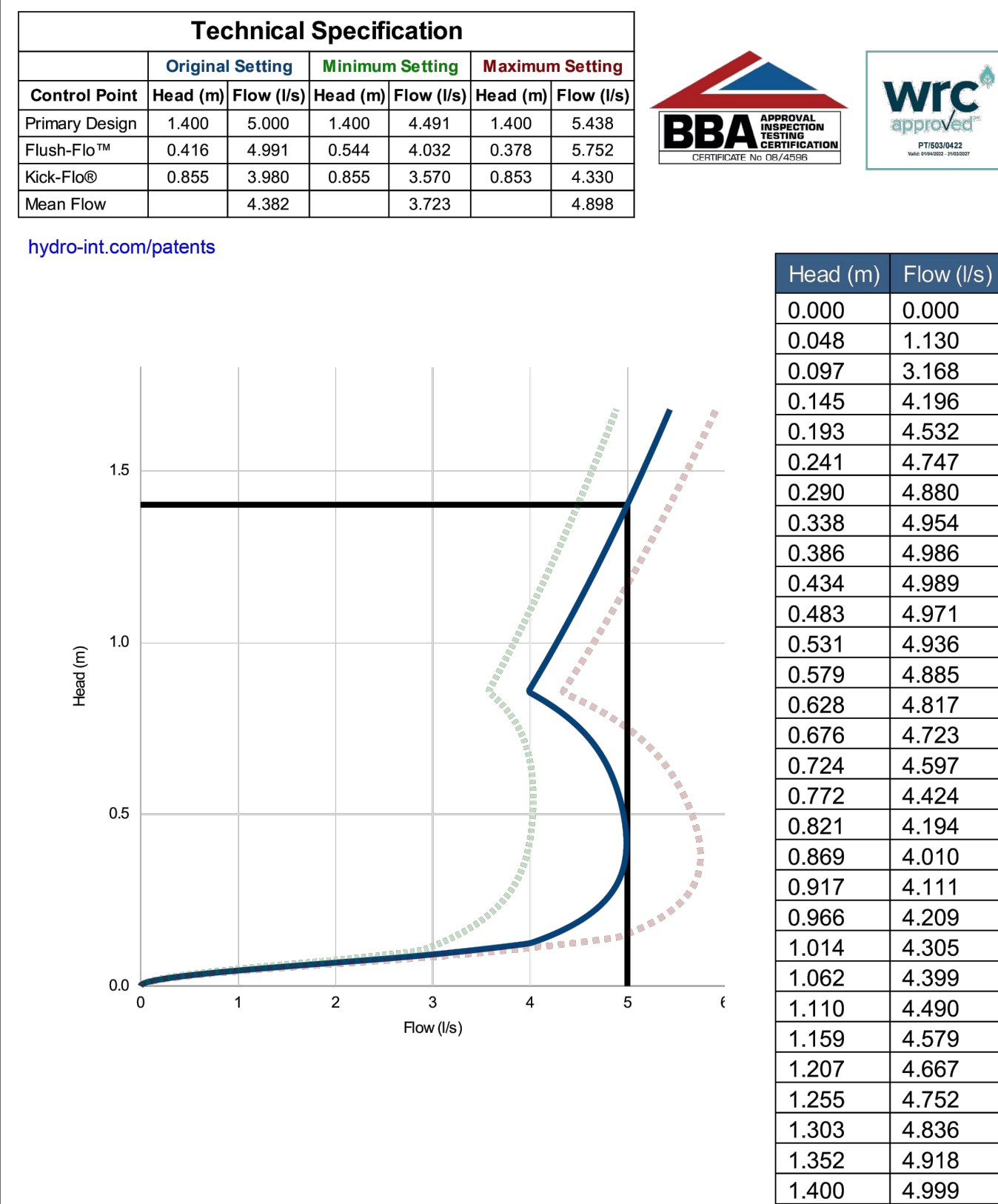
PERMEABLE ASPHALT AND PERFORATED PIPE DETAIL



PERFORATED PIPE/ FILTER DRAIN IN SOFT LANDSCAPING (ADJACENT TO HARD LANDSCAPE)



DESIGN ADVISE	The head/flow characteristics of this SHE-0100-5000-1400-5000 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.	Hydro International A CBH COMPANY
DATE	19/06/2025 09:00	SHE-0100-5000-1400-5000
SITE	Hawthorn Medical Centre	Hydro-Brake® Optimum
DESIGNER	Andrew Losty	
REF	087546	
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- 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 DRAINAGE LAYOUT 087546-CUR-XX-00-DR-C-92500 PROPOSED DRAINAGE LAYOUT FOR THE LOCATIONS OF FLOW CONTROL MANHOLES.
 - FLOW CONTROL TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS, INSTRUCTIONS AND RECOMMENDATIONS.
 - WHERE ALTERNATIVE FLOW CONTROL DEVICE IS PREFERRED, IT WILL BE SUBJECT TO REDESIGN TO CONFIRM WHETHER THERE IS ANY IMPACT ON THE UPSTREAM CAPACITY
 - SURFACE WATER DRAINAGE CONNECTION SUBJECT TO S106 AGREEMENT WITH SEVERN TRENT WATER

P03	STAGE 4 ISSUE. DRAWING RENUMBERED FOR BEP	26/08/25	GD	GD
P02	STAGE 3 ISSUE	19/06/25	ATL	MW
P01	ISSUED FOR COMMENT	01/05/25	KS	MW
Rev:	Description:	Date:	By:	Chkd:

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Status: **S4**

SUITABLE FOR AUTHORIZATION

Project: **HAWTHORN MEDICAL CENTRE**

Orig Title: **DRAINAGE DETAILS SHEET 3**

Drawn By	KS	Designed By	MW	Checked By	MW
Date	01/05/2025	Scales @ A1	1:20	Revision	
Project No - Originator - Function - Spatial - Form - Discipline - Number					
HMCNMC - CUR - ZZ - 00 - DR - C - 92522					P03