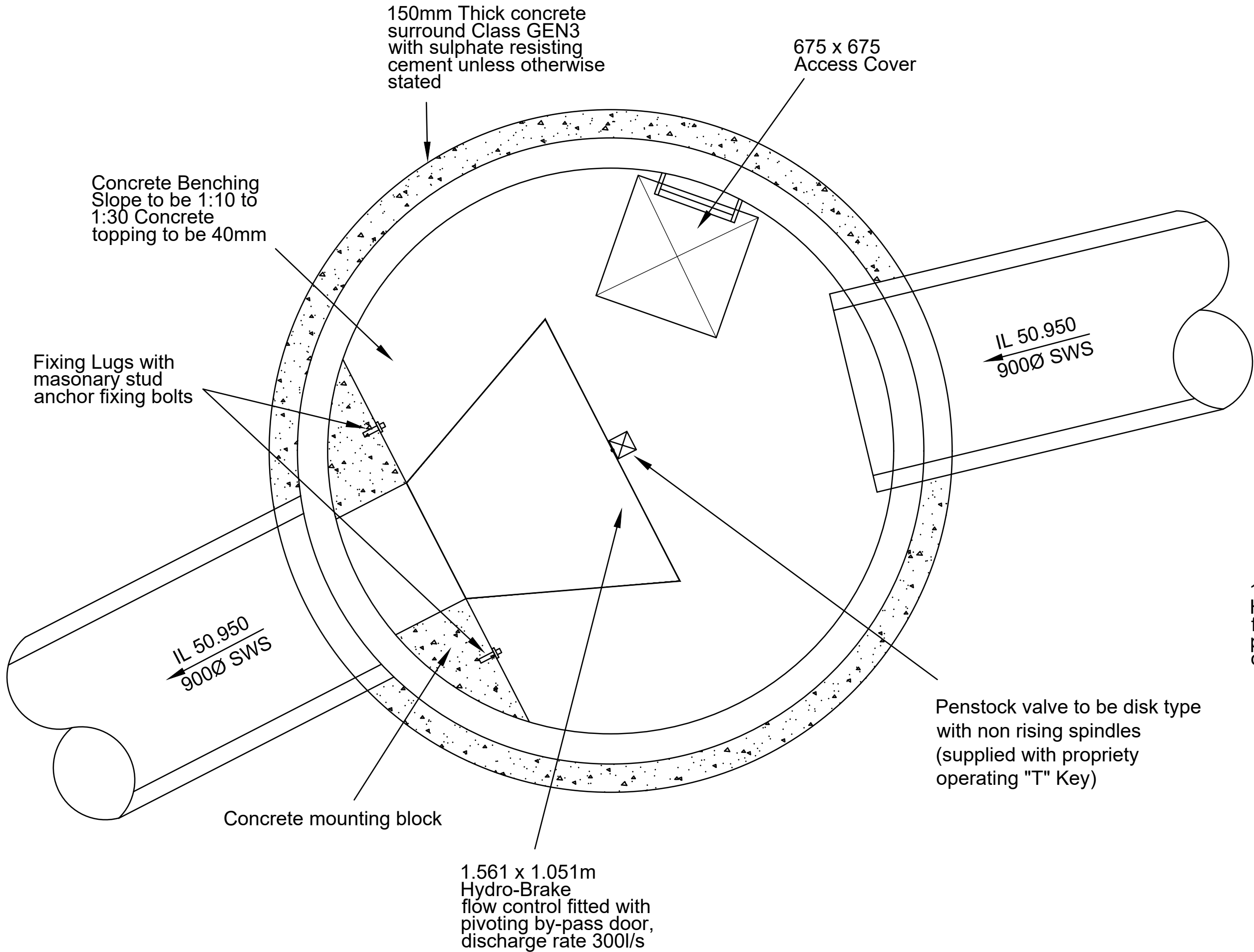


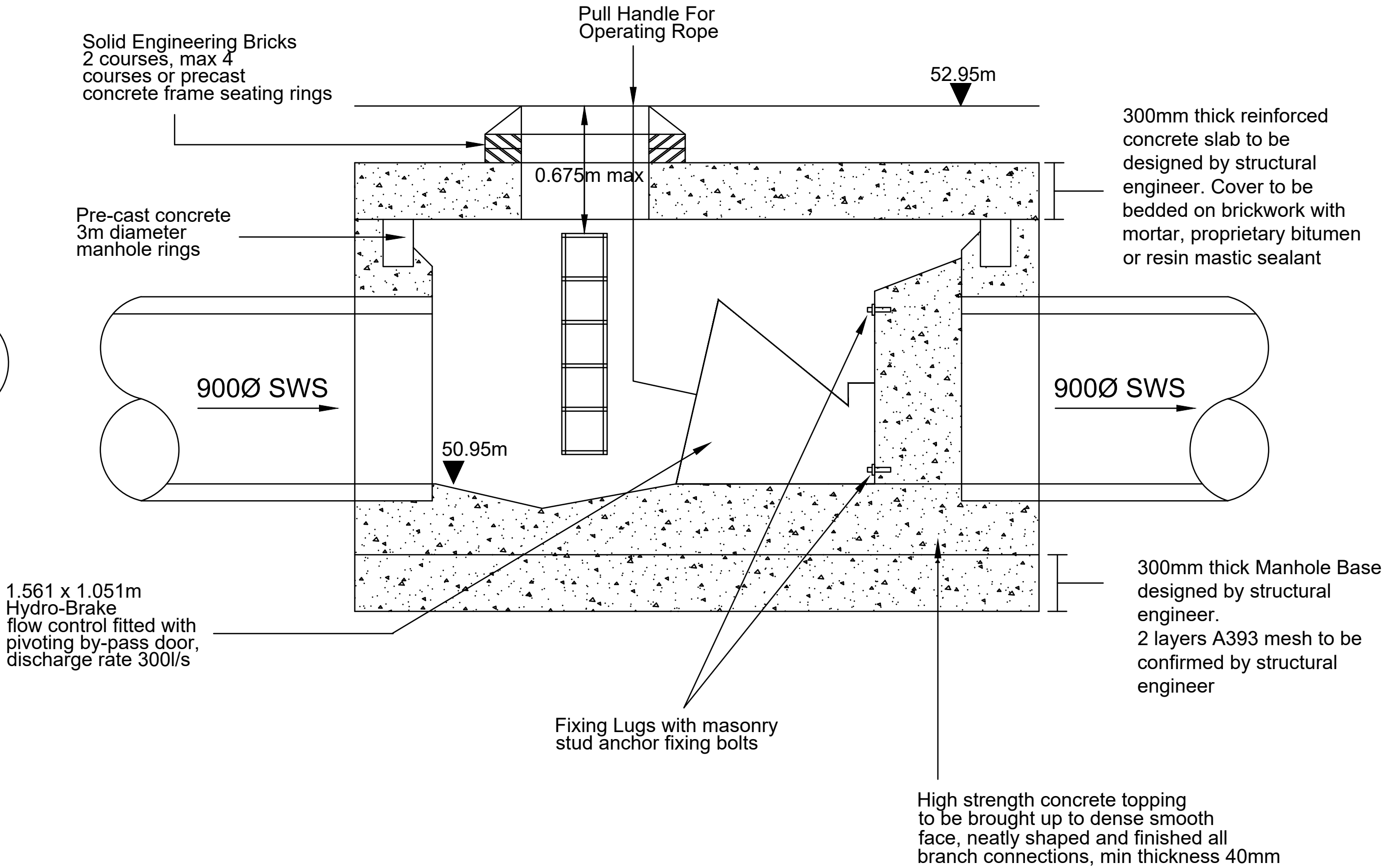
Plan View of Flow Control Chamber S280

Hydrobrake type CHE 0553 - 3000 - 1350 - 3000



Section View of Flow Control Chamber S280

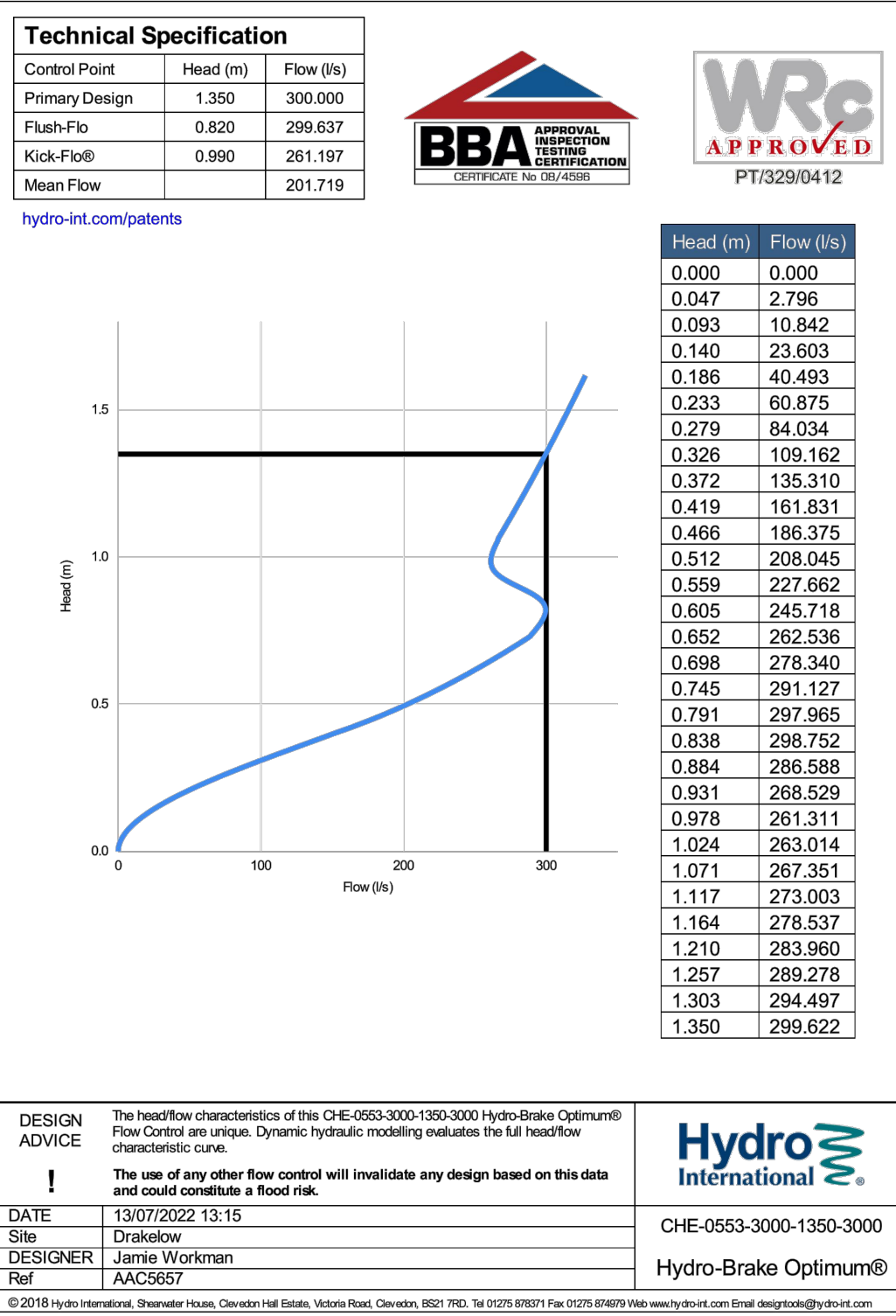
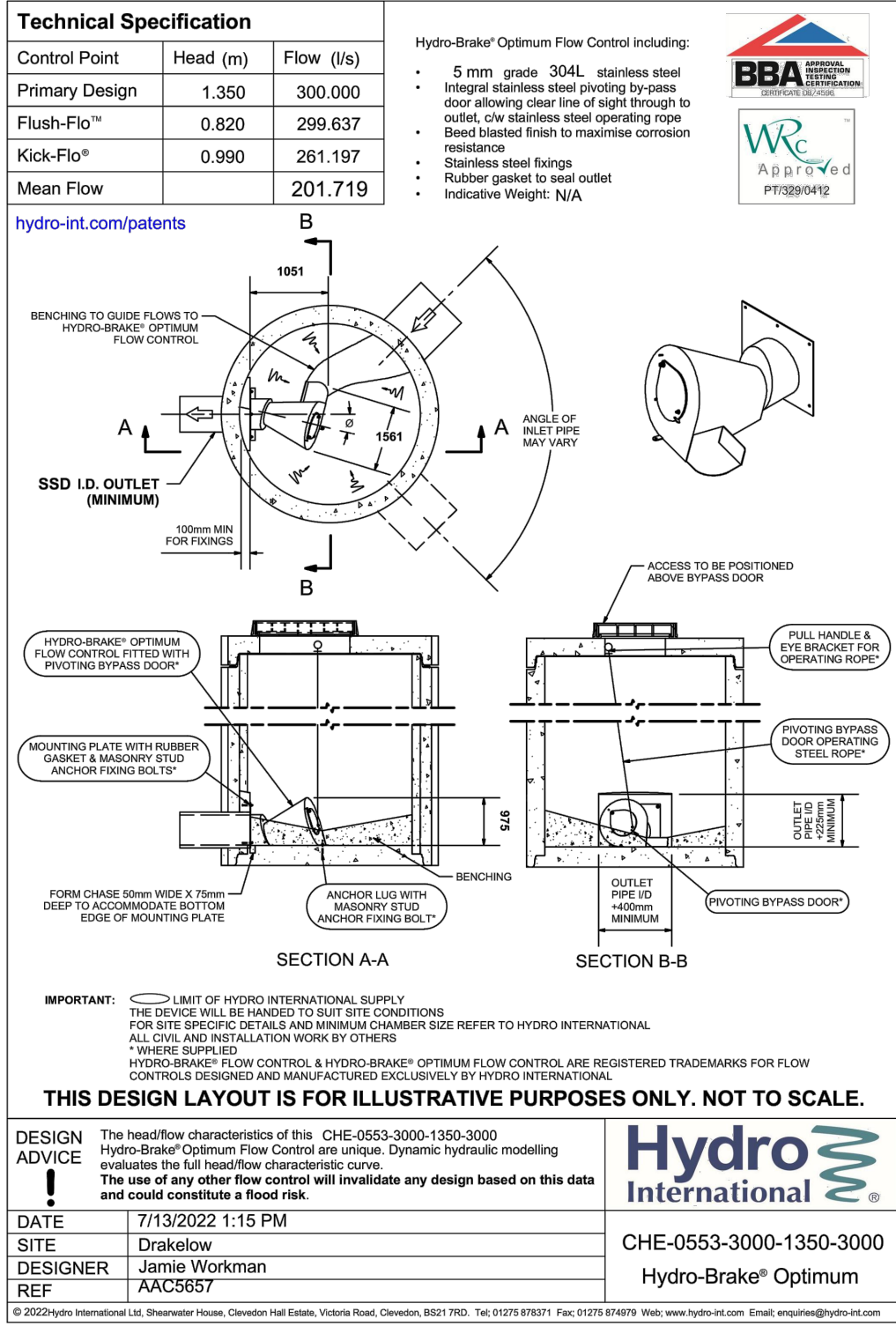
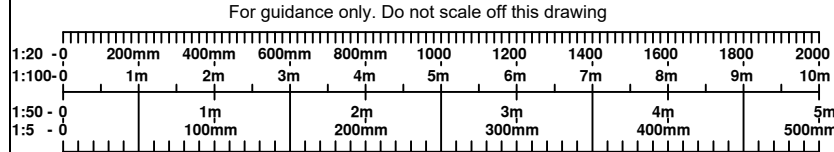
Hydrobrake type CHE 0553 - 3000 - 1350 - 3000



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Notes

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2. If received electronically it is the recipient's responsibility to print to correct scale. Only written dimensions should be used.
3. This drawing should be read in conjunction with all other relevant drawings and specifications.



1. ALL DIMENSION IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DESIGN DRAWINGS AND OTHER INFORMATION.
3. ALL MANHOLE COVERS AND FRAMES TO BE IN ACCORDANCE WITH 4.2.30 OF THE CIVIL ENGINEERING SPECIFICATION.
4. ALL LIFTING EYES IN MANHOLE CHAMBER SECTIONS AND COVER SLABS TO BE POINTED.
5. REINFORCED COVER SLAB, WEIR WALL AND MANHOLE BASE TO BE DESIGNED BY CLIENTS STRUCTURAL ENGINEER.
6. ALL WALL DIMENSION SHOWN ARE SUBJECT TO DETAILED DESIGN BY CLIENTS STRUCTURAL ENGINEER.
7. MANHOLE FLOATATION TO CHECKED BY CLIENTS STRUCTURAL ENGINEER.
8. IF HIGH GROUND WATER LEVEL IS ENCOUNTERED, THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO DEAL WITH SUCH GROUND WATER BOTH AT SURFACE AND BELOW SURFACE DURING THE CONSTRUCTION OF THE DRAINAGE NETWORK.
9. ALL JOINTS BETWEEN PIPES AND CONCRETE SHALL BE WATER TIGHT.
10. ROCKER PIPES SHALL BE 600mm IN LENGTH OR 1.5 X D, WHICHEVER IS GREATER.
11. TOP OF MANHOLE ELEVATION NOTED ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE ACTUAL ELEVATIONS AND SHALL ADJUST THE MANHOLES TOPS ACCORDINGLY TO BE FLUSH WITH THE ADJACENT ASPHALT PAVEMENT.

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DESIGN DRAWINGS AND OTHER INFORMATION

- 1) OTHER TYPES OF HYDROBRAKES HAVE DIFFERENT SUMP CONFIGURATION, ALWAYS CONSULT MANUFACTURER
- 2) THE WARNING SIGNS ARE TO BE 40MM HIGH RED LETTERING ON A WHITE PLASTIC BASE. THE PLASTIC BASE DIMENSIONS ARE TO BE APPROX. 300MM X 6MM
- 3) THE BASE IS TO BE RESISTANT TO ATTACK BY SEWAGE
- 4) THE WARNING SIGN IS TO BE MOUNTED ON A REMOVEABLE SAFETY GRID AVAILABLE FROM COVER MANUFACTURER
- 5) THE SIGN IN THESE MANHOLES ARE TO READ: "CAUTION - HYDROBRAKE LOCATED HERE"
- 6) A SIGN MUST BE FITTED IN THE UPSTREAM MH TO READ: "CAUTION - HYDROBRAKE DOWNSTREAM"
- 7) A SIGN MUST BE FITTED IN THE DOWNSTREAM MH WHICH READS: "CAUTION - HYDROBRAKE UPSTREAM"
- 8) ANY DIFFERENCE BETWEEN ACTUAL AND DRAWN DETAILS IS TO BE REPORTED IMMEDIATELY

C04	Hydrobrake details updated in line with new design head and flow	JW	CW	13.07.22
C03	Construction Issue	GB	CW	31.03.22
P02	Weir wall and incoming by-pass pipes removed	CW	AG	01.02.22
P01	First Issue	NEJ	CW	05.08.21
Rev	Description	By	Ckd	Date

rps MAKING COMPLEX EASY

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Client: Countryside Properties

Project: Drakelow Park

Title: Flow Control Chamber Details
- S280

Status	Scale @ A1	Date Created
Construction	1:20	05.08.2021
Task Team Manager	Information Author	Task Information Manager
AG	NJEJ	AG

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RPS Project Number	Suitability	Revision
AAC5657	S4	C04
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