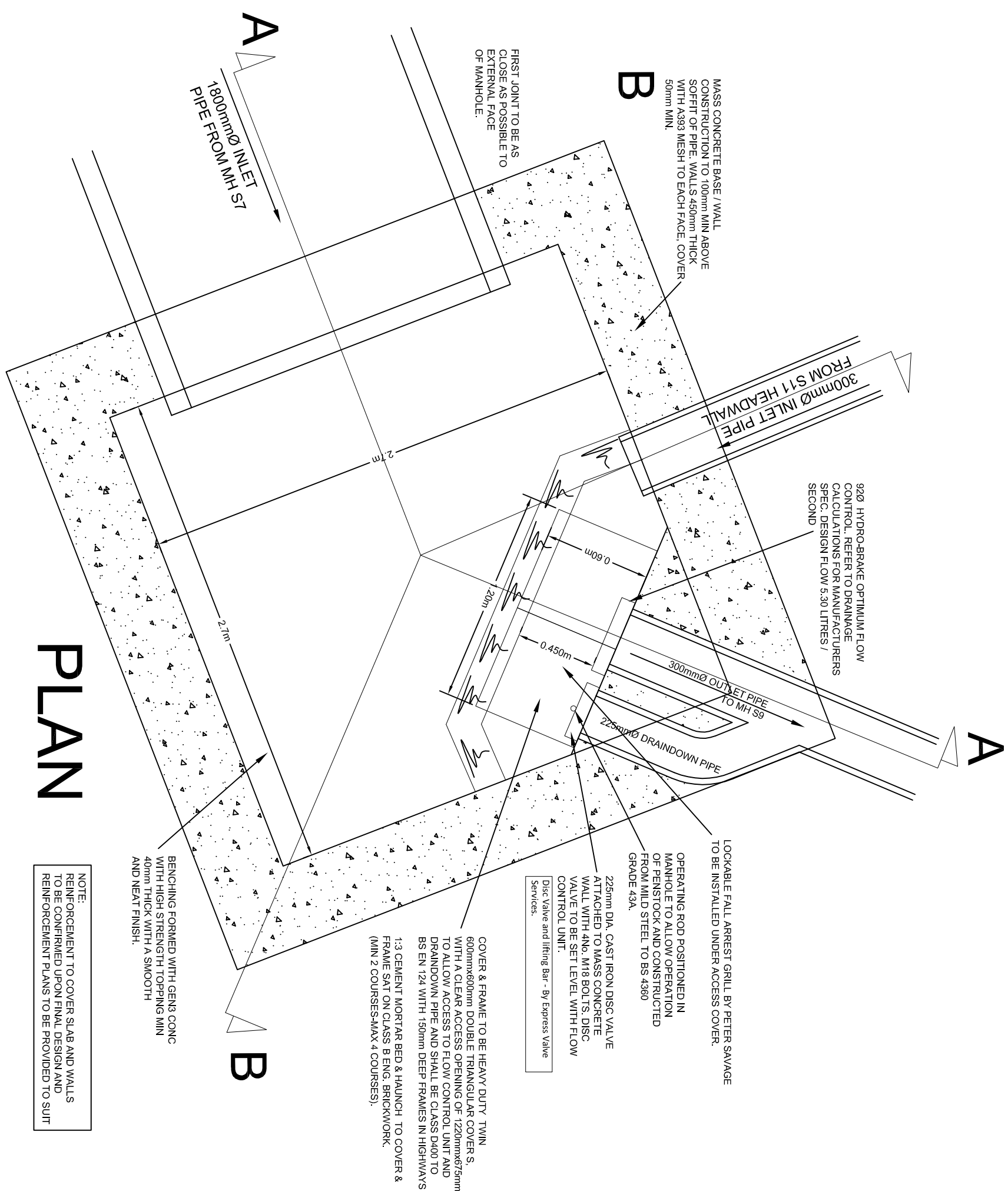
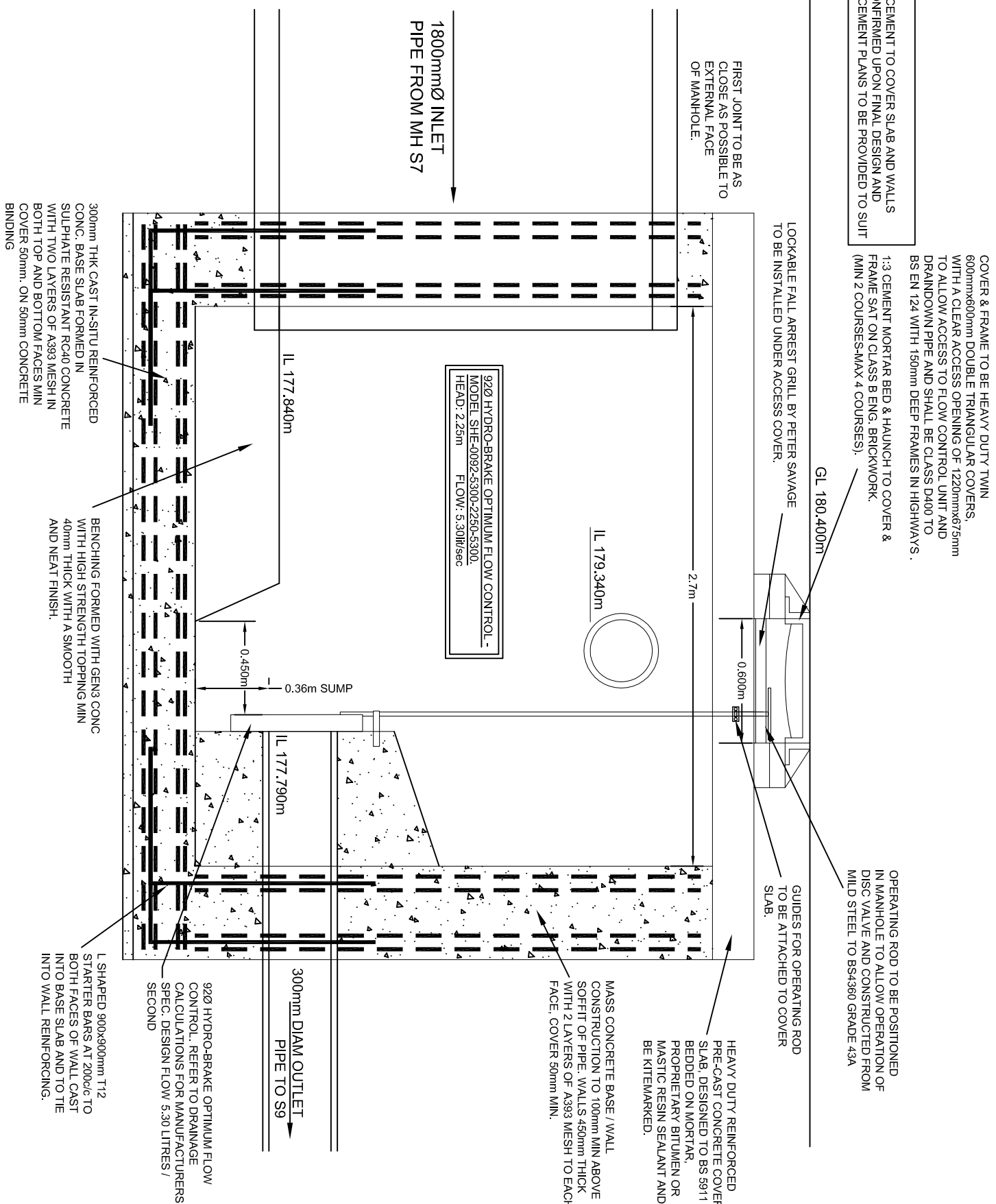




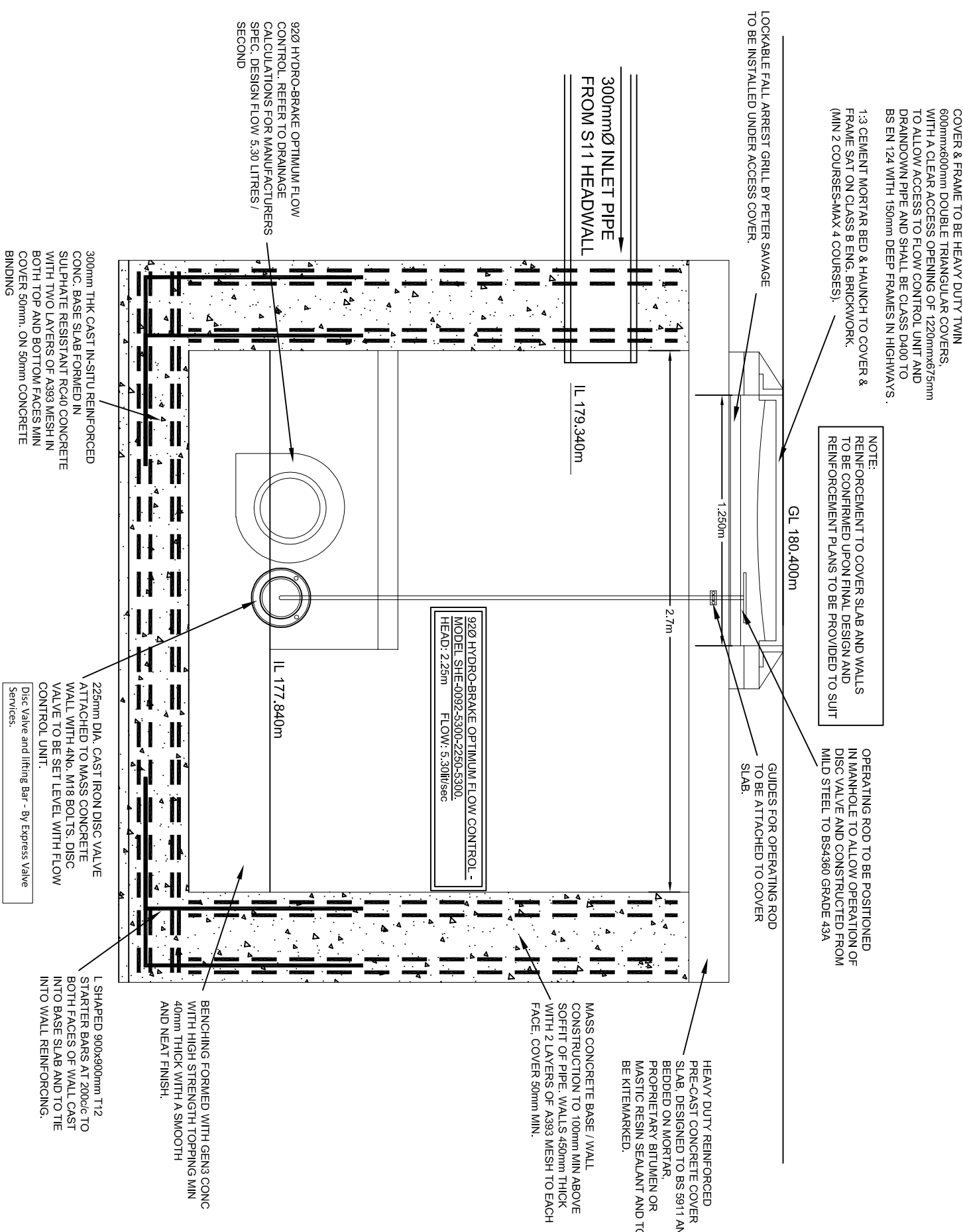
PLAN

NOTE: REINFORCEMENT TO COVER SLAB AND WALLS TO BE CONFIRMED UPON FINAL DESIGN AND REINFORCEMENT PLANS TO BE PROVIDED TO SUBMITTER.

NOTE:
REINFORCEMENT TO COVER SLAB AND WALLS
TO BE CONFIRMED UPON FINAL DESIGN AND
REINFORCEMENT PLANS TO BE PROVIDED TO SUIT



SECTION A-A



SECTION B-B

RISK ASSESSMENT		RISK ASSESSMENT	
HIGH ASSURANCE RISKS THAT CANNOT BE DISMISSED OUT		SUBSIDIZED ACTION	
RISK	LEVEL OF RISK	REQUIRE ALL EXCAVATION/PILE DRILLING TRIPOLI SUPPORTS	
DEEP EXCAVATIONS ASSOCIATED WITH OTHER DRAINAGE WORKS	HIGH	USE CORRECT LIFTING EQUIPMENT AND ENGINE OPERATORS HAVE	
MAINTAIN LARGE DRAINAGE MATERIAL BINS AND CRUSHED PILES	HIGH	APPROPRIATE PROTECTIVE EQUIPMENT AND ACCESSORIES TO	
CONTACT WITH SERVICE	MED	OPERATORS TO BE CORRECT. DO NOT WORK EXHAUSTIVE	
RISK	MED	OPERATORS TO BE CORRECT. DO NOT WORK EXHAUSTIVE	
DRILLING EXCAVATION QUANTIFY EXISTING BUILDING STRUCTURES	HIGH	BUSINESS WERE REMOVED	
DRILLING EXCAVATION IN PUBLIC HIGHWAY	HIGH	BUSINESS WERE REMOVED	
MAINTAIN ACCESS TO ADJACENT PROPERTIES AND COMPANIES	HIGH	BUSINESS WERE REMOVED	
DRILLING EXCAVATION RISK TO PEDESTRIANS SERVICES	HIGH	BUSINESS WERE REMOVED	
WORKING IN CONFINED SPACES, WORKING IN DRYING AND WINDTILLS	HIGH	BUSINESS WERE REMOVED	
WORKING IN HIGHWAYS/ RISKS FROM VEHICLE AND PLANT	HIGH	BUSINESS WERE REMOVED	
ROAD AND DRAINAGE CONSTRUCTION	HIGH	BUSINESS WERE REMOVED	

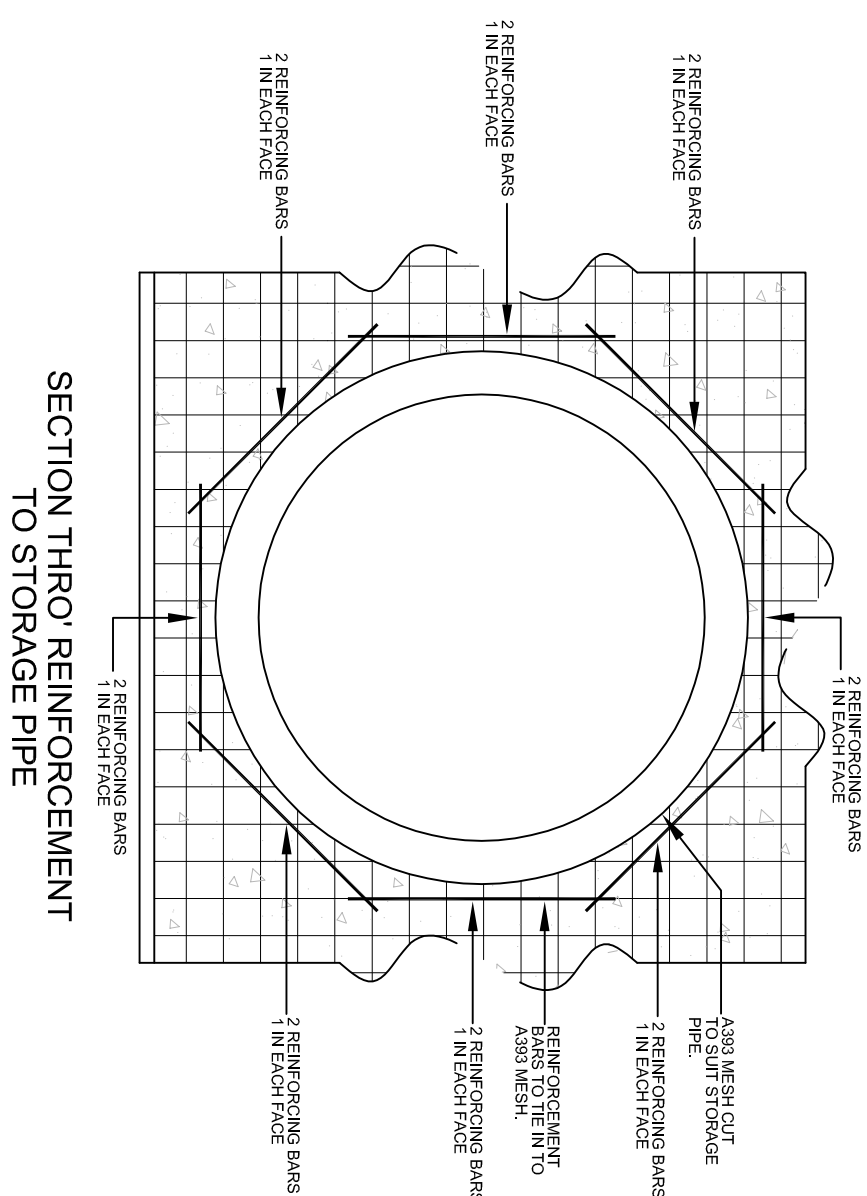
1. Where access to Member details is restricted and the required headroom can not be achieved.
2. Where the pipe thermal diameters are 1050mm or greater.
3. The width of Bowtell's heaving shall be 750mm.

4. All access ladders or steps must comply in accordance with standard 'Manhole Details and terminate at the channel level.

4.1 Bowtell's of the heaving within Member shall be approved by the Water before work commences.

NOTE:
All drainage work and materials to conform to 'Sewers for Adoption 6th Edition and Yorkshire Water Amendments.

NOTE: ALL CUSTOM BUILT IRONWORK TO BE HOT-DIPPED GALVANIZED PRIOR TO FINAL FIXING.



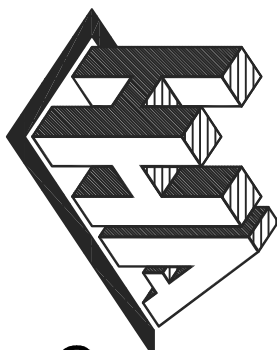
SECTION THRO' REINFORCEMENT
TO STORAGE PIPE

PIPE SIZE	BAR SIZE
1200mm	H12
1500mm	H16
>1500mm	H20

REINFORCING BAR SIZE

Rev C. Amended to suit YW comments (03.08.17).
Rev B. Amended to suit latest drainage design. Fall arrest grille added
Rev A. MH number amended.

13.09.17 LM
23.06.17 LM
10.04.17 LM



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Client
HARRON HOMES

Project
BIRCHENCLIFFE, HUDDERSFIELD

FLOW CONTROL MANHOLE S8 DETAILS

Dwn	Chk	Date	Scale	Dwg No.
LM		Apr'17	1:20@A1	E16/6641/011/01C

Chk#	Date	Scale	Dwg No.
V CON CONTROL MANHOLE S8 DETAILS			
HENCLIFFE, HUBBERSFIELD			
IRON HOMES			