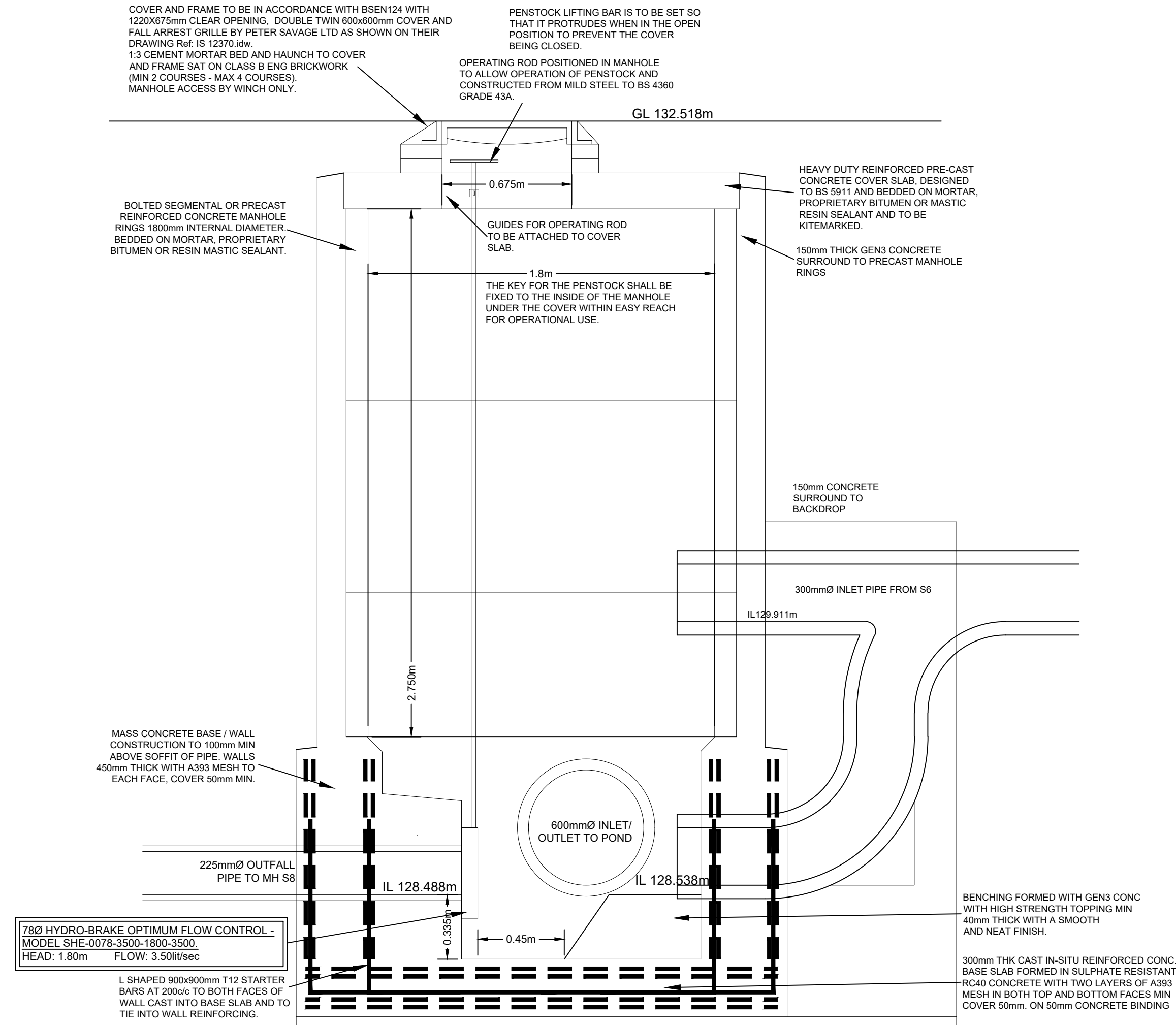
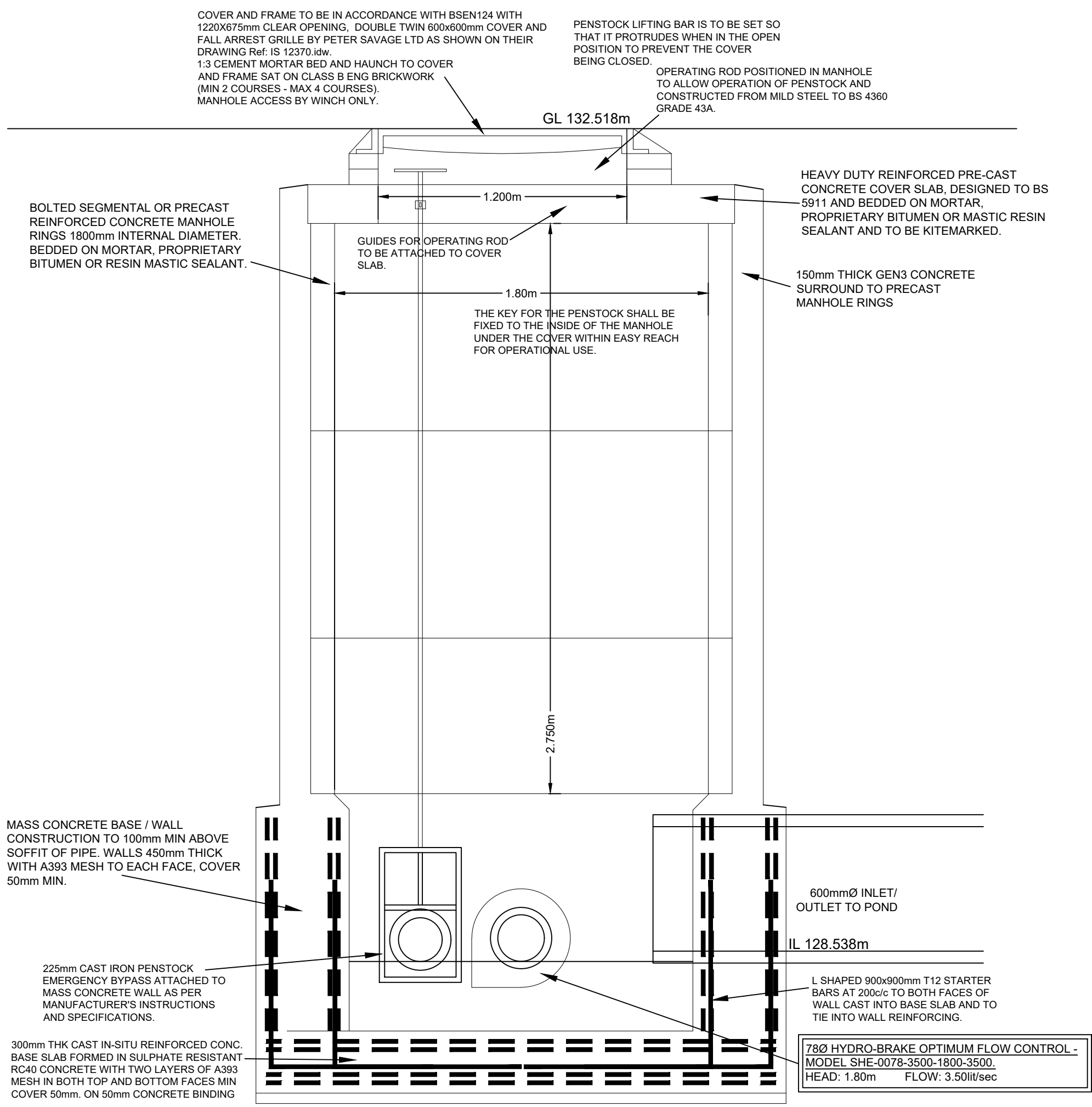
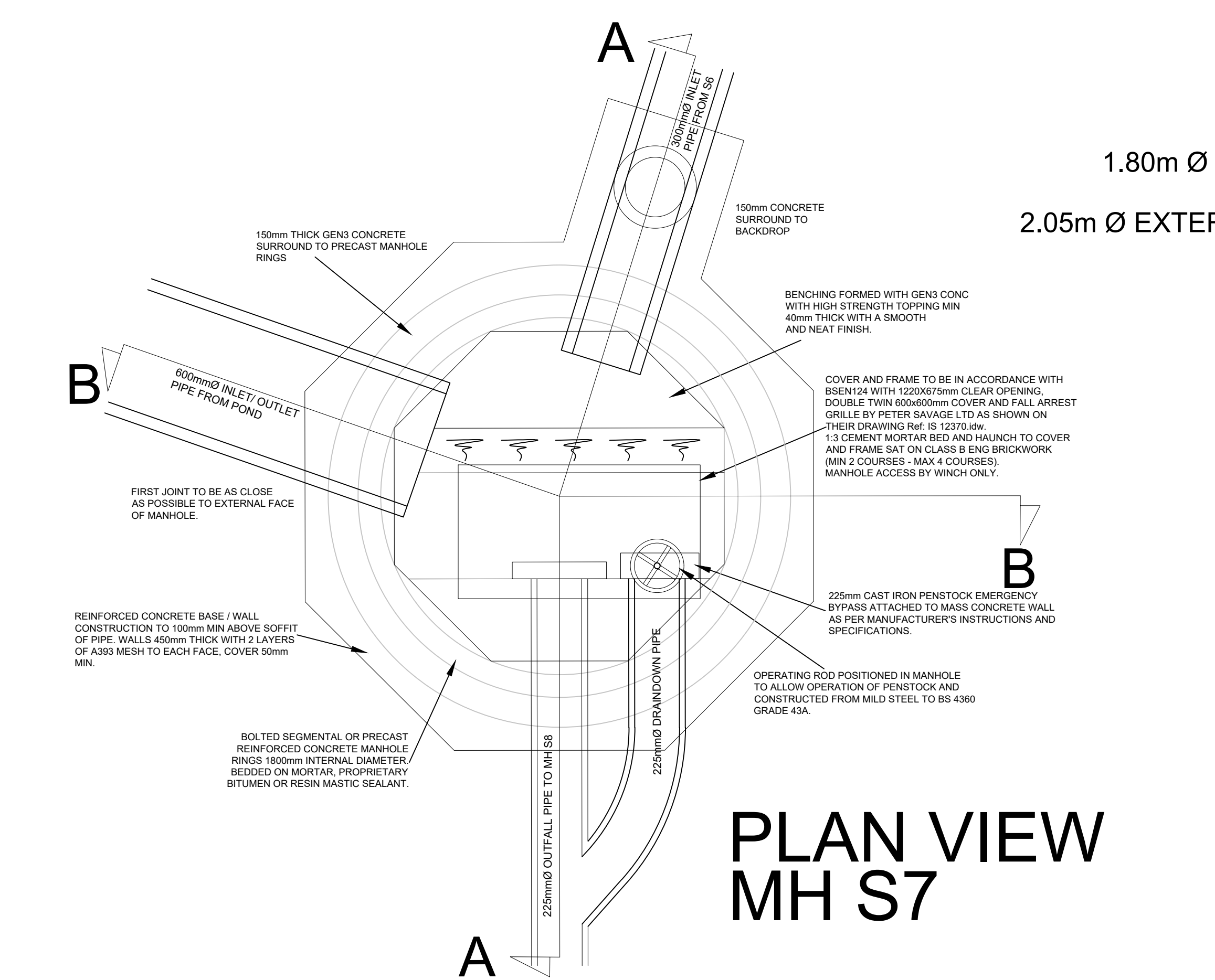




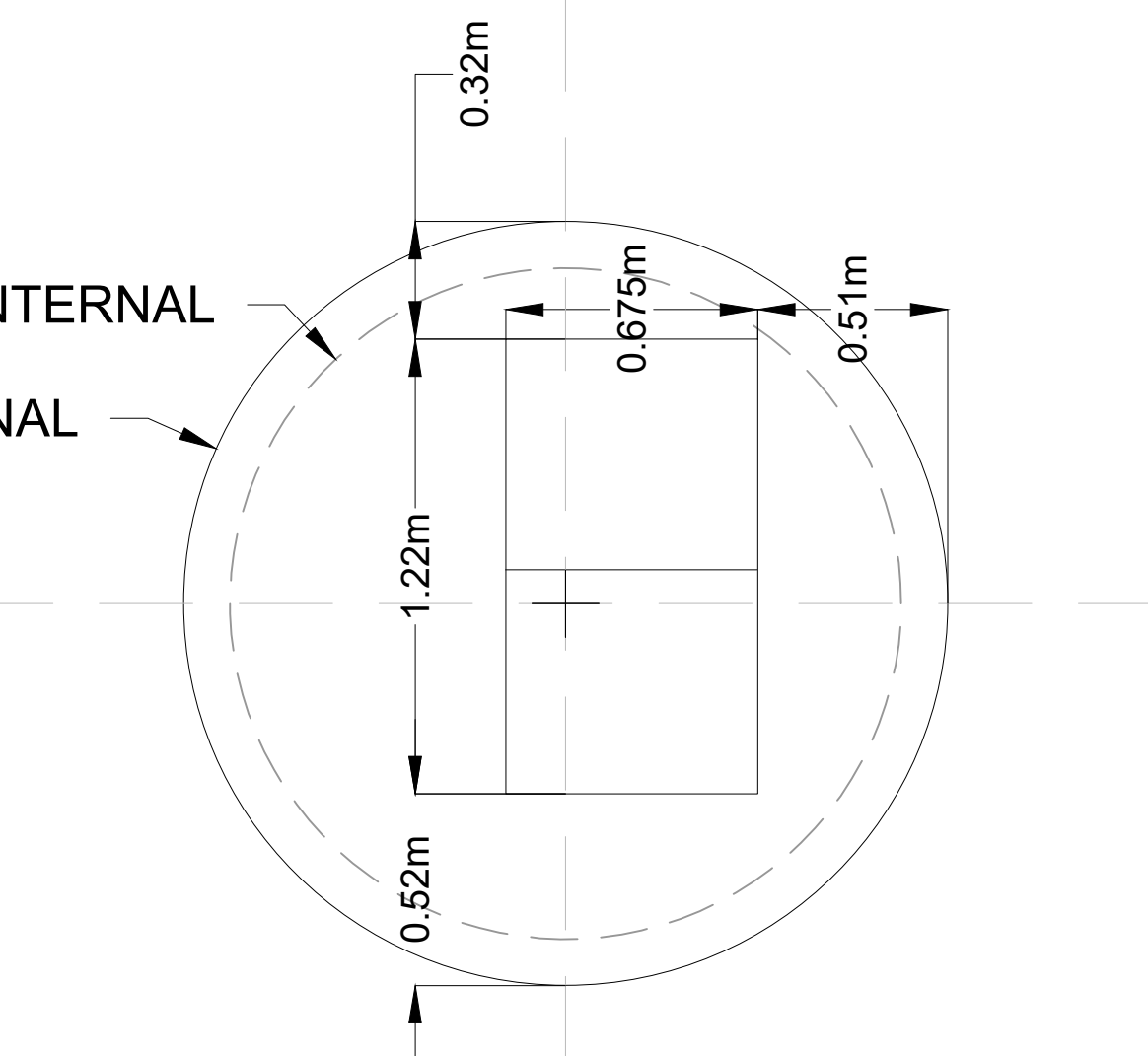
SECTION A-A THROUGH MH S7



SECTION B-B THROUGH MH S7



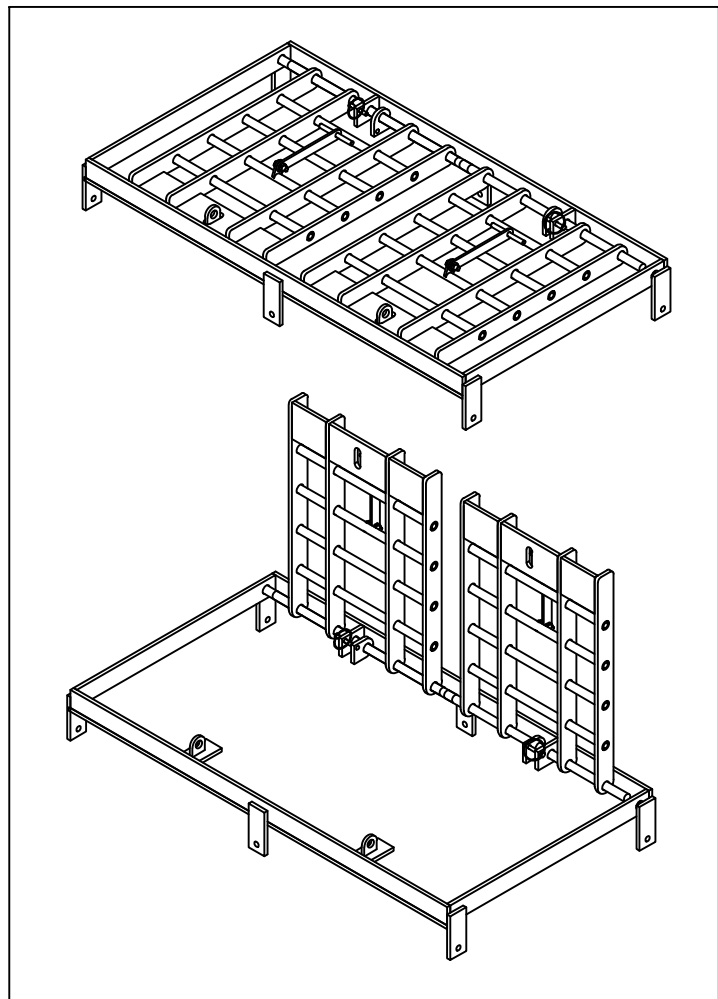
PLAN VIEW MH S7



COVER OPENING MEASUREMENTS

NOTE:
All drainage work and materials to conform to 'Codes for Adoption' and Yorkshire Water Amendments.

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

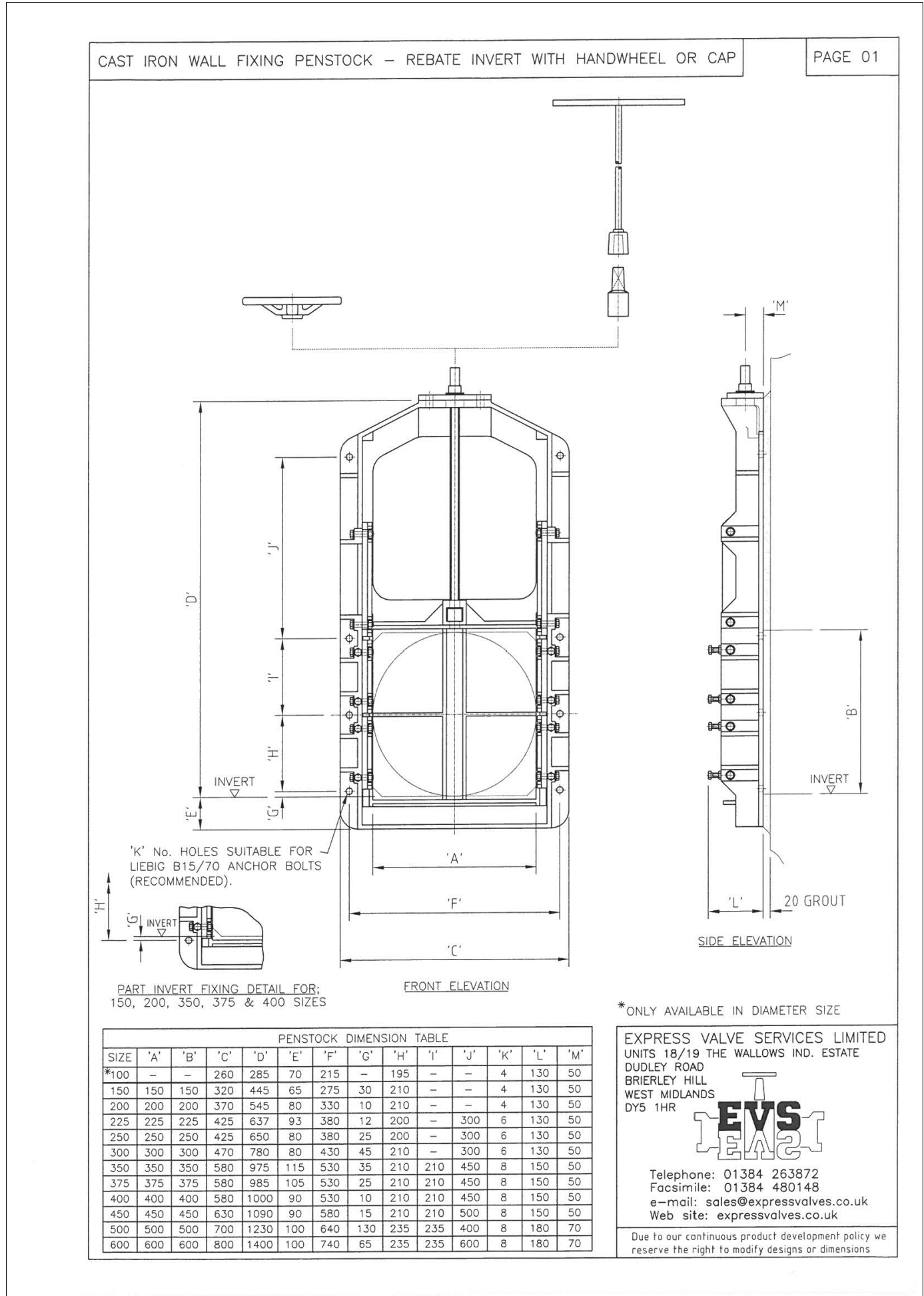


FALL ARREST GRILL
SEE EJ DRAWINGS FOR DETAILS

The benching to Manholes shall be Boxed-out and benched in accordance with Standard Manhole details and the following conditions:-

- Where access into Manholes is restricted and the required headroom can not be achieved.
- Where the pipe internal diameters are 1050mm or greater.
- The width of Boxed-out benching shall be 750mm.
- All access ladders or step irons must continue in accordance with standard Manhole Details and terminate at half channel level.

All Boxing-out of the benching within Manholes shall be approved by Yorkshire Water before work commences.

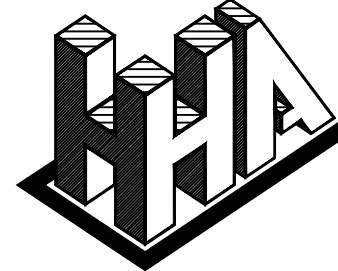


PENSTOCK MANUFACTURERS DETAILS - not to scale

RISK ASSESSMENT - SIGNIFICANT RISKS THAT CANNOT BE DESIGNED OUT		LEVEL OF RISK (H/M)	SUGGESTED ACTION
RISK			
DEEP EXCAVATIONS ASSOCIATED WITH NEW DRAINAGE WORKS		HIGH	ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SUPPORTS
HANDLING LARGE DIAMETER MANHOLE RINGS AND CIRCULAR PIPES		HIGH	USE CORRECT LIFTING EQUIPMENT AND ENSURE OPERATIVES WEAR APPROPRIATE PROTECTIVE CLOTHING/HARD HATS/CORRECT PPE
CONTACT WITH SEWAGE		MED	OPERATIVES TO USE CORRECT BREATHING EQUIPMENT/CORRECT PPE
NOISE		MED	OPERATIVES TO USE CORRECT EAR PROTECTION/CORRECT PPE
DRAINAGE EXCAVATIONS ADJACENT EXISTING BOUNDARY STRUCTURES		HIGH	ENSURE CORRECT SUPPORTS ARE PROVIDED TO TRENCHES AND BUILDINGS WHERE REQUIRED
DRAINAGE EXCAVATION IN PUBLIC HIGHWAY		HIGH	ENSURE CORRECT USE OF TRENCH SUPPORTS IN EXCAVATION AND SCREEN BARRIERS TO PROTECT MEMBERS OF THE PUBLIC
MAINTAIN ACCESS TO ADJACENT PROPERTIES AND OCCUPERS		HIGH	ENSURE WORKS ARE PROTECTED WITH BARRIERS AND SIGNS TO GUIDE THE PUBLIC AWAY FROM THE WORKS
DRAINAGE EXCAVATIONS NEAR TO EXISTING SERVICES		HIGH	ENSURE WORKS ARE PROTECTED WITH BARRIERS AND SIGNS TO GUIDE MEMBERS OF THE PUBLIC AWAY FROM THE AREA
WORKING IN CONFINED SPACES - WORKING IN DRAINS AND MANHOLES		HIGH	CONFINED SPACES WORKING TRAINED PERSONNEL ONLY TO CARRY OUT WORKS UNDER A PERMIT TO WORK SCHEME MANAGED BY CONTRACTOR. GAS TESTING TO TAKE PLACE BEFORE ALL ENTRIES TO CONFINED SPACES
WORKING IN HIGHWAYS / RISKS FROM VEHICLE AND PLANT		HIGH	ALL WORKS TO BE SIGNED AND FENCED FROM NORMAL VEHICULAR TRAFFIC. ALL WORKERS TO WEAR HIGH VISIBILITY CLOTHING ALL PLANT TO HAVE VISUAL AND AUDIBLE WARNING SYSTEMS
ROAD AND DRAINAGE CONSTRUCTION		HIGH	ALL EXCAVATIONS TO BE ADEQUATELY FENCED OFF AND SUPPORTED DURING CONSTRUCTION. ALL OPERATIVES TO BE TRAINED IN CORRECT METHODS OF LIFTING AND WORK IN ACCORDANCE WITH LOLER REGS
IT IS ASSUMED THAT WORKS ASSOCIATED WITH THIS DESIGN WILL BE UNDERTAKEN BY A PERSON OR PERSONS WHO ARE COMPETENT AND HAVE THE REQUIRED LEVEL OF EXPERIENCE AND EXPERTISE			

Rev B Manhole cover detail added
Rev A Notes added regarding penstock

03.07.26 MD
18.02.26 MD



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Client

BEN BAILEY HOMES

Project

CONISTON AVENUE, DARTON

Detail

FLOW CONTROL MANHOLE DETAIL - S7

Dwn

Chkd

Date

Scale

Dwg No.

MD

OCT'25

1:20

@A1

E24/8080/011B