

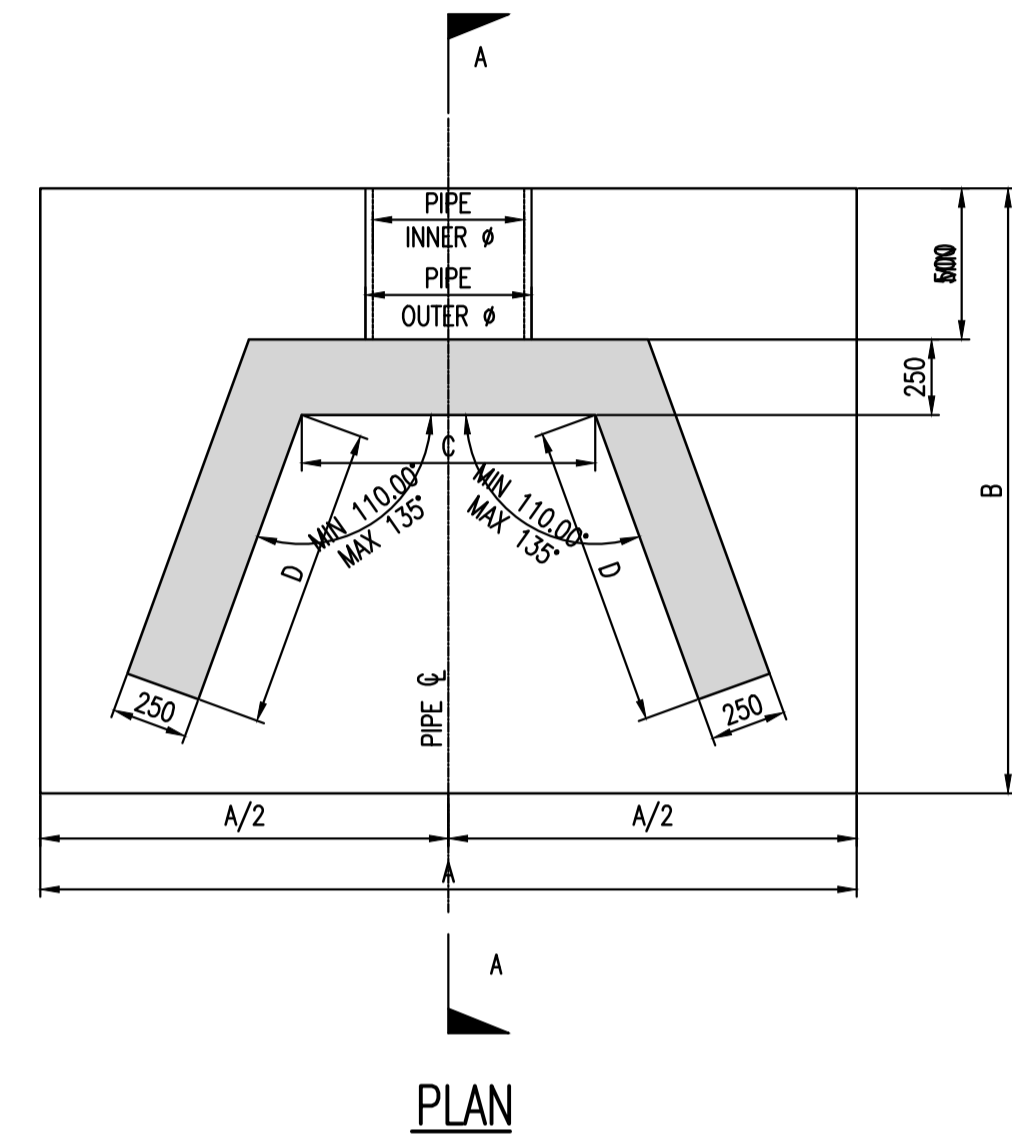
PEDESTRIAN GUARDRAIL TO RCD/300/1 EXCEPT IN URBAN AREAS OR WHERE THERE IS A RISK OF PEDESTRIAN ACCESS TO THE HEADWALL WHERE PEDESTRIAN GUARDRAIL TO IS EN 1317-6 WITH VERTICAL ANT-Climb INFILL SHALL BE PROVIDED.

ELEVATION

SCHEDULE OF MINIMUM DIMENSIONS						
PIPE INNER Ø	A	B	C	D	E	F
<=300	2000	2000	PIPE OUTER Ø +300	1000	400	500
301-600	2500	2500	PIPE OUTER Ø +300	1250	400	600
601-900	3200	3200	PIPE OUTER Ø +300	1550	500	700
901-1200	3900	3900	PIPE OUTER Ø +300	1850	500	800
1201-1500	4700	4700	PIPE OUTER Ø +300	2150	500	900
1501-1800	5200	5200	PIPE OUTER Ø +300	2350	500	1000

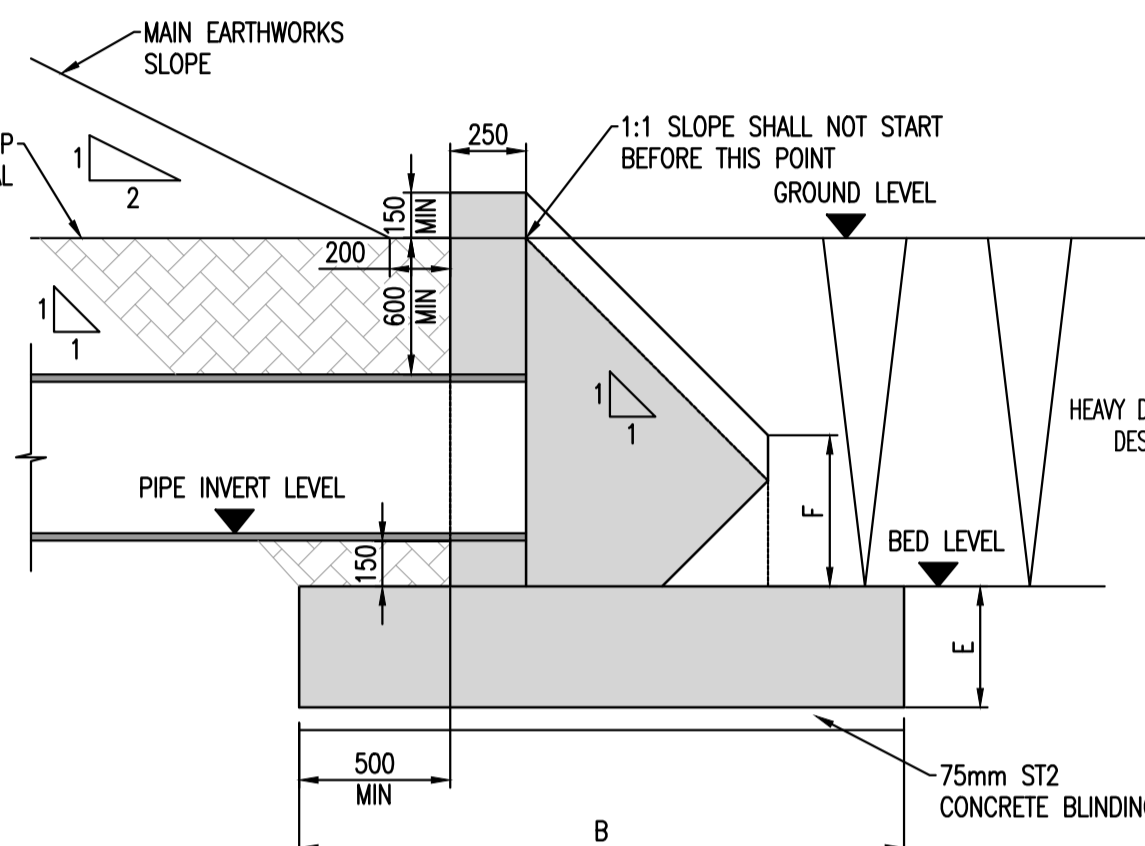
THE DIMENSIONS CONTAINED IN THE TABLE ABOVE ARE MINIMUMS ONLY AND THE DESIGNER SHALL CONFIRM DETAILS FOR SPECIFIC SITE CONDITIONS. THE DIMENSIONS IN THE TABLE ABOVE ARE BASED ON THE FOLLOWING CONSTRAINTS:

- ANGLE BETWEEN HEADWALL AND WINGWALL IS 110°;
- BACKFILL MATERIAL IS FREE DRAINING;
- THERE ARE NO LIVE LOAD EFFECTS ON THE HEADWALL;
- CHARACTERISTIC VALUE OF INTERNAL FRICTION (ϕ) OF THE BACKFILL MATERIAL = 37.5°;
- 600mm COVER TO THE PIPE AT THE REAR OF THE HEADWALL, WITH A 200mm WIDE FLAT AREA BEFORE THE COMMENCEMENT OF THE MAIN EARTHWORKS SLOPE;
- SLOPE OF FILL MEASURED FROM THE REAR FACE OF THE WINGWALLS DOWNWARDS AND FROM BED LEVEL UPWARDS ARE BOTH TO BE 1:1

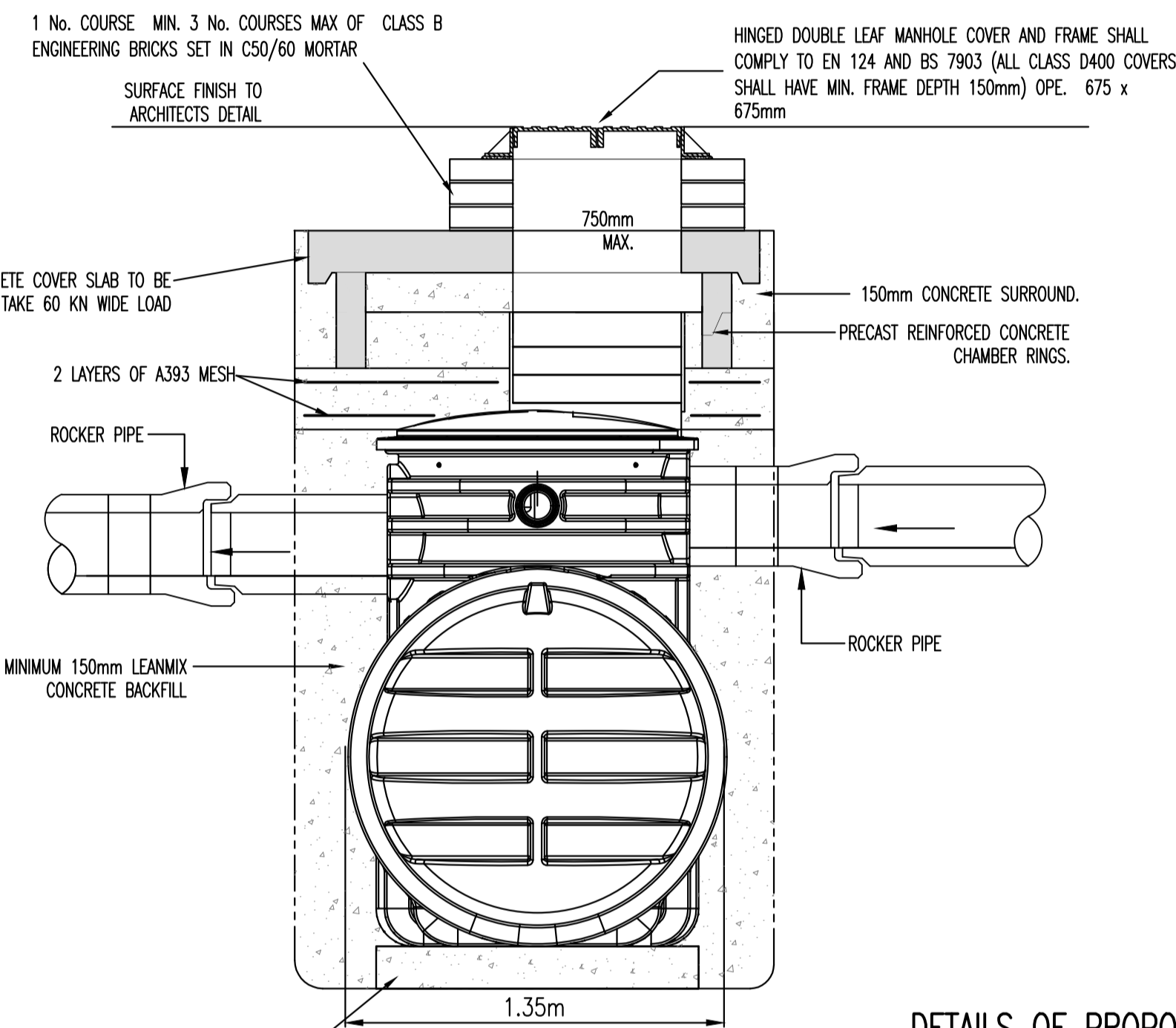


PLAN

TYPICAL HEADWALL DETAIL
N.T.S.

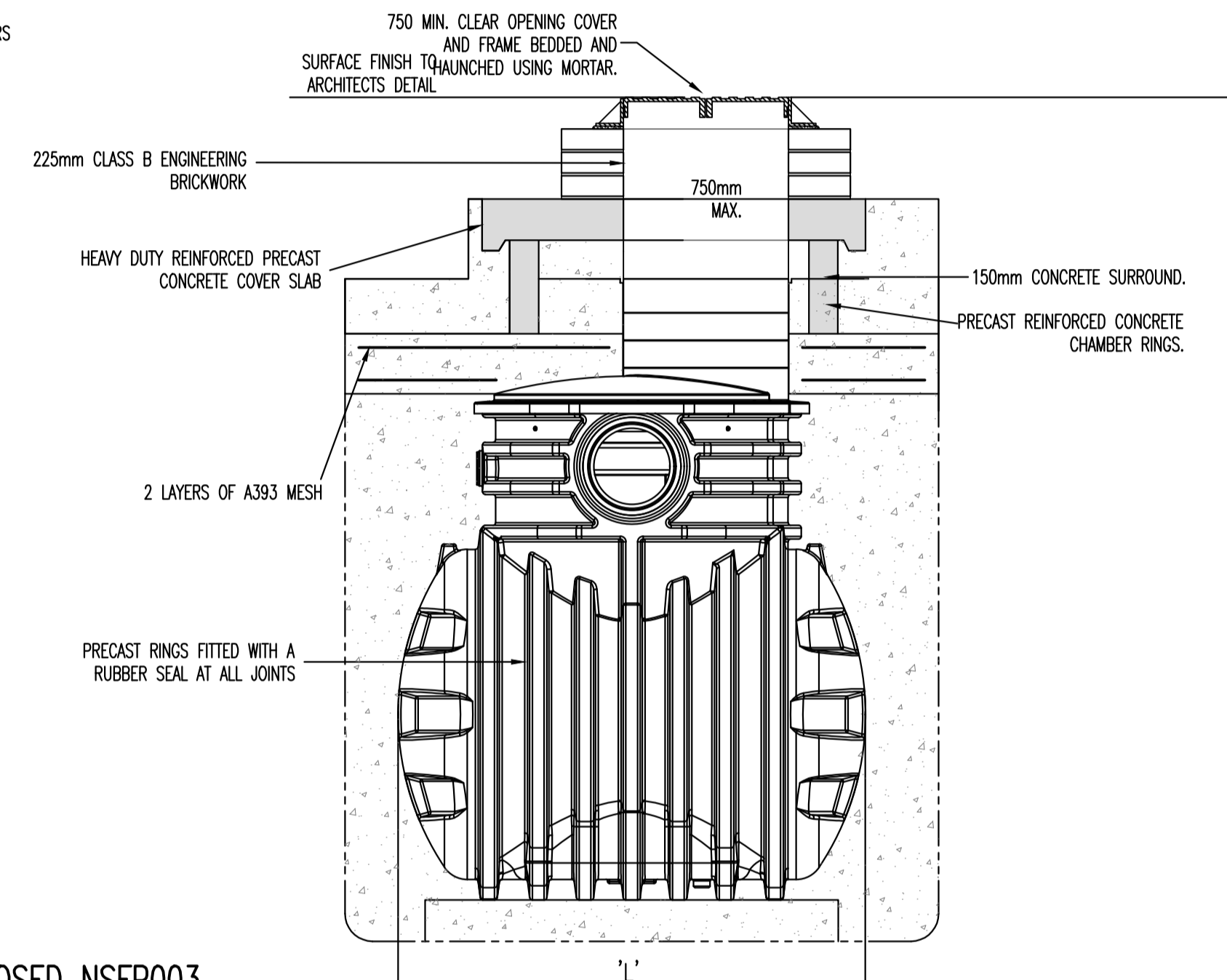


SECTION A-A

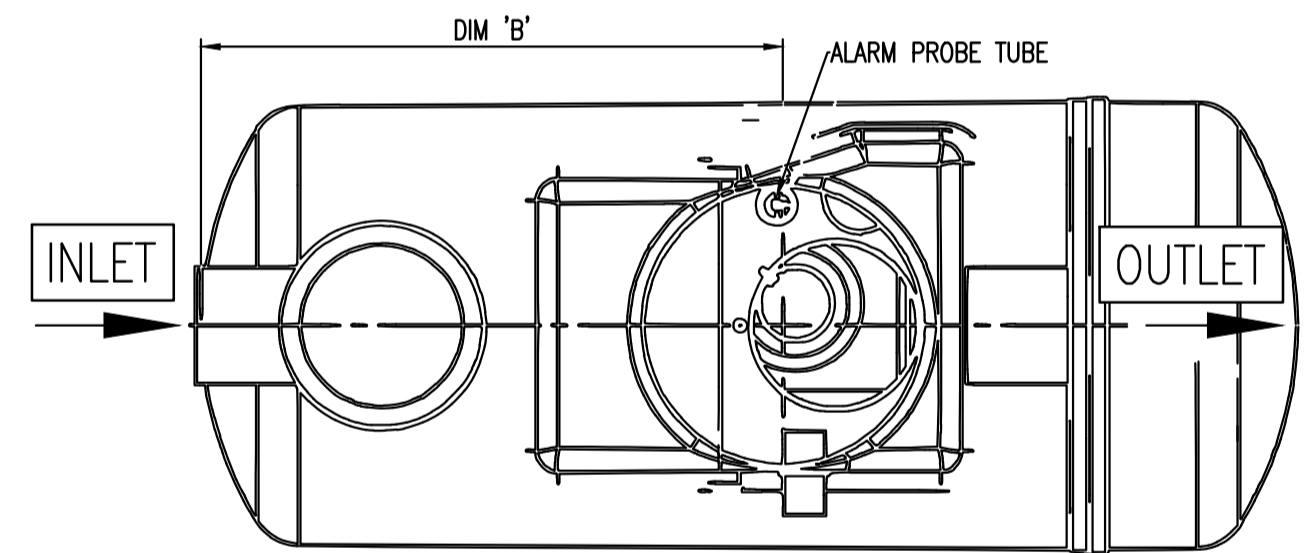


VIEW A
SCALE 1:25

DETAILS OF PROPOSED NSFP03
KLARGESTER BYPASS PETROL INTERCEPTOR

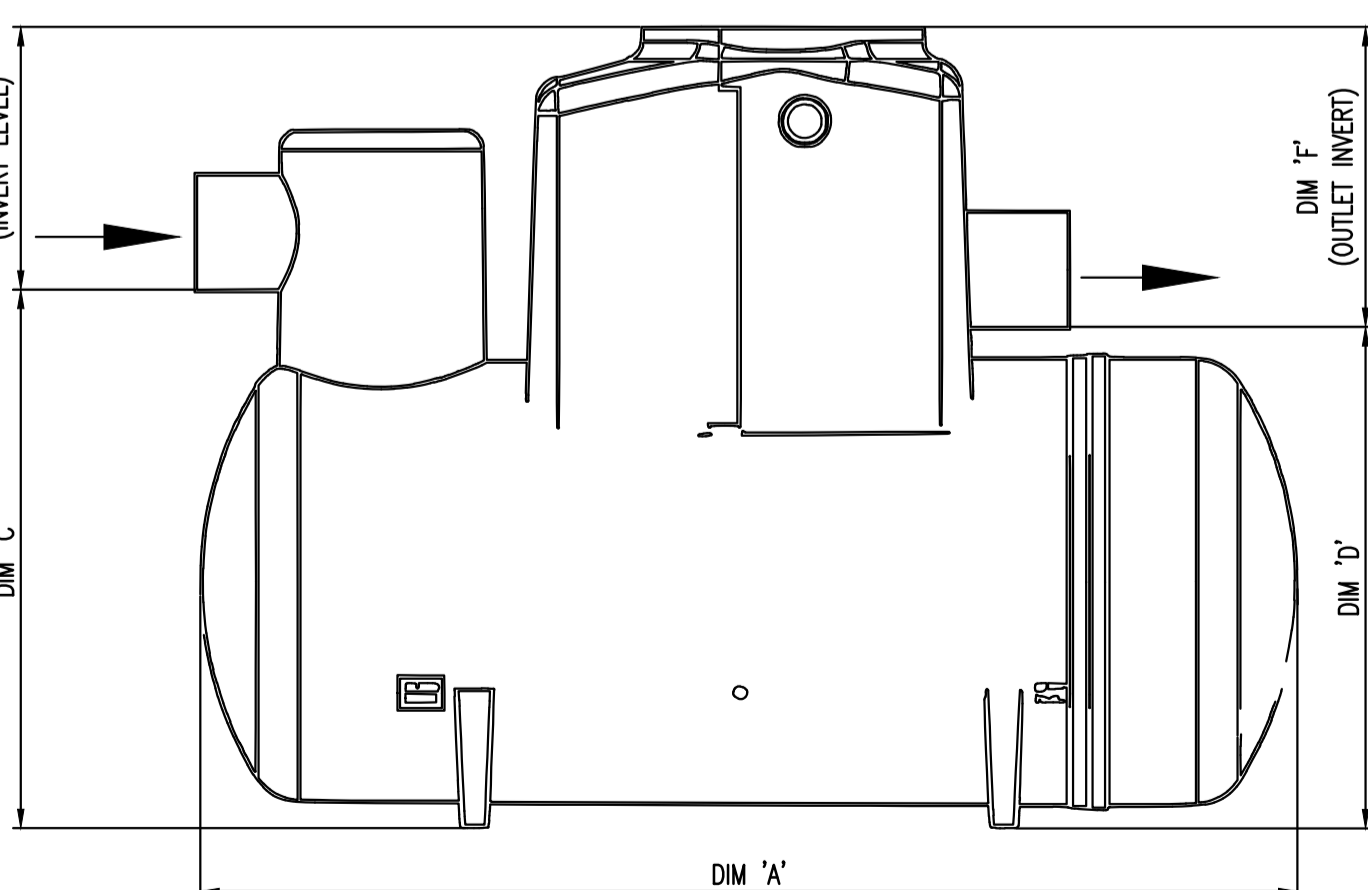


VIEW B
SCALE 1:25



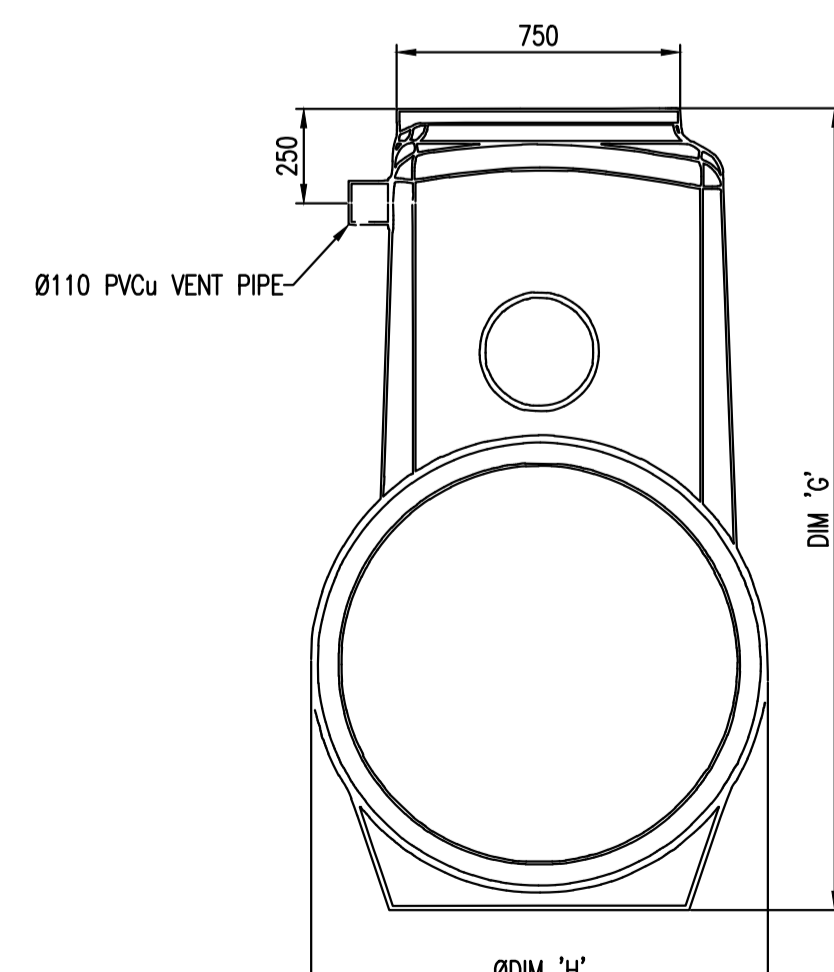
VIEW 'A'
PLAN VIEW
N.T.S.

- NOTES
1. UNITS ARE SUPPLIED WITH THE STANDARD (MINIMUM) PIPEWORK SIZE, AND ORIENTATION SHOWN ON THE DRAWING. THE STANDARD EN858-1 STATES MINIMUM CONNECTION SIZES, UNITS ORDERED WITH DIFFERENT SIZE CONNECTIONS MAY NOT BE FULLY COMPLIANT WITH THE STANDARD. PLEASE CONSULT OUR SALES DEPARTMENT FOR DETAILS OF AVAILABLE OPTIONS, BUT PLEASE NOTE WE DO NOT ALTER INTERNAL PIPEWORK.
 2. ALL UNITS SUPPLIED ARE CLASS 1 AND INCLUDE A COALESCER.
 3. EXTENSION PARTS FOR DEEPER INVERTS CAN BE PROVIDED FOR ON SITE ASSEMBLY.
 4. ALL UNITS REQUIRE APPROPRIATE CONCRETE BASE, COVER AND FRAME TO SUIT APPLIED LOADINGS.
 5. THIS DRAWING SHOULD BE USED FOR DIMENSIONAL INFORMATION ONLY.
 6. A Ø76mm TUBE IS SUPPLIED TO HOUSE AN OIL ALARM PROBE.

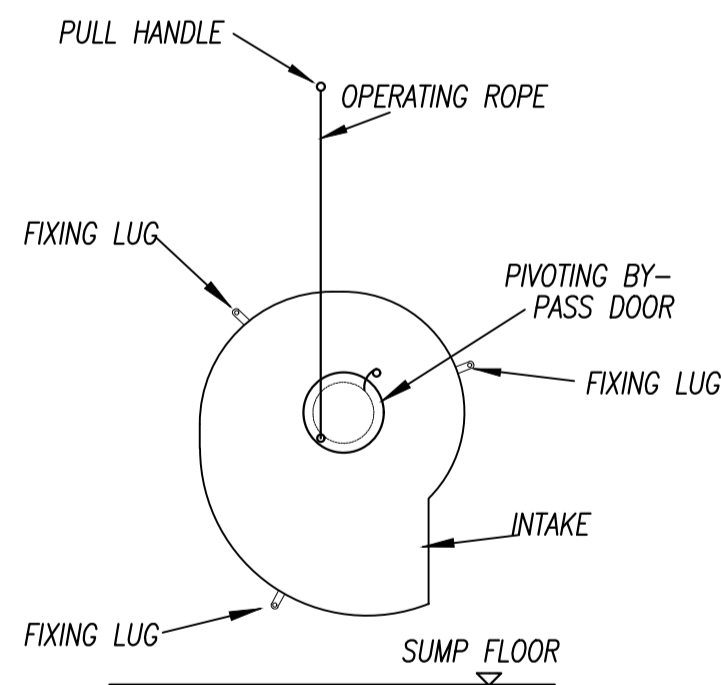


VIEW 'A'
N.T.S.

DETAILS OF PROPOSED NSBE015
KLARGESTER BYPASS PETROL INTERCEPTOR
N.T.S.

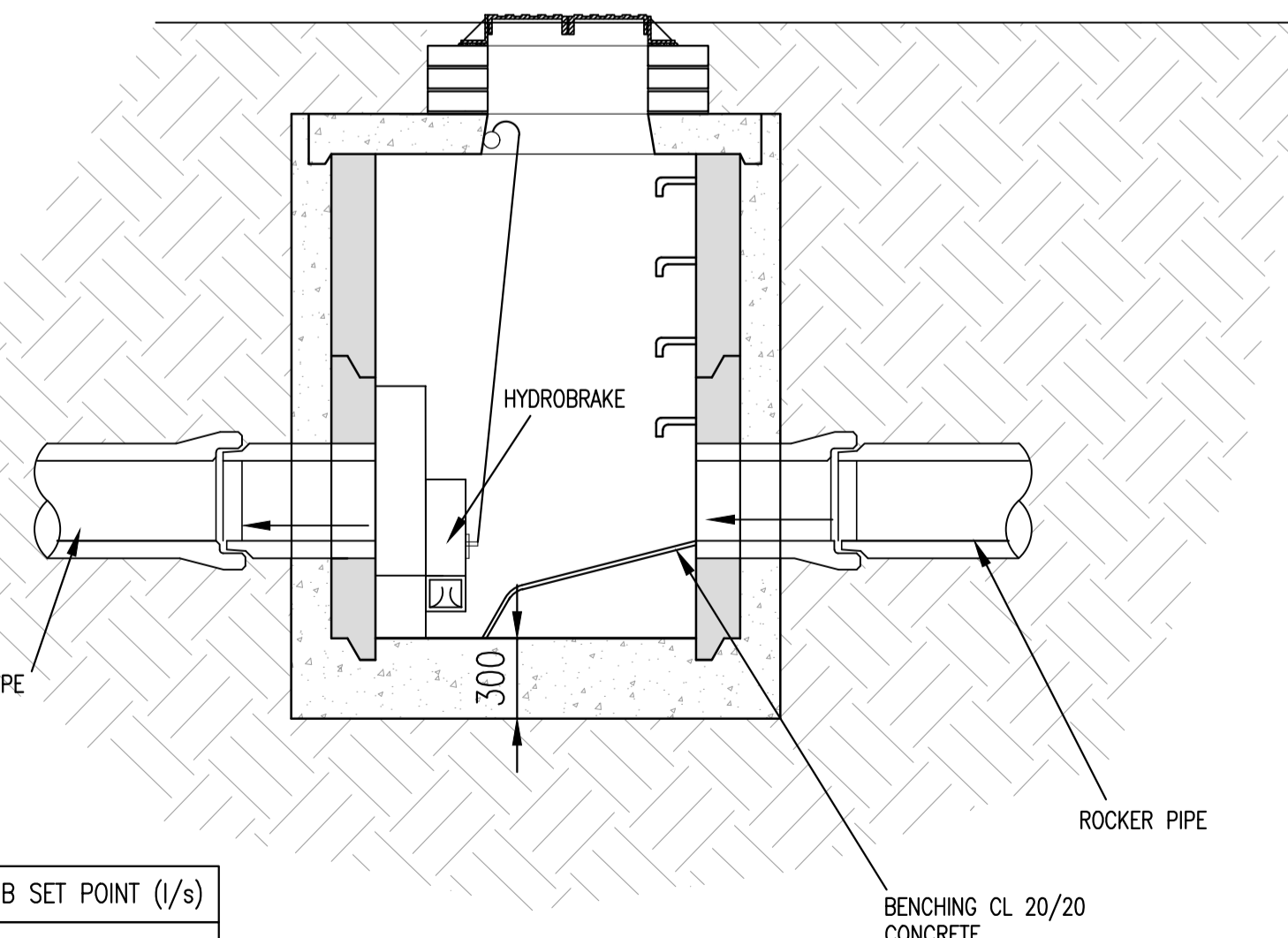


VIEW 'B'
N.T.S.



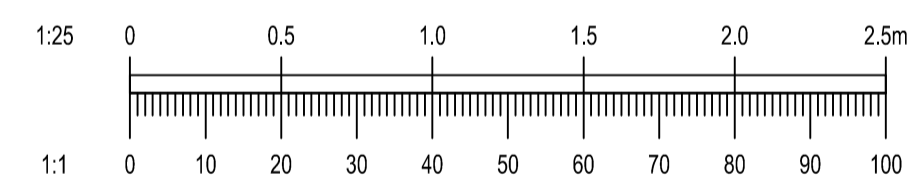
HYDRO BRAKE DETAIL
N.T.S.

NOTE: FOR FURTHER DETAILS ON MANHOLE CONSTRUCTION PLEASE REFER TO DRAWING P230 FOR DETAILS



PROPOSED HYDROBRAKE MANHOLE
SCALE 1:25

HB No.	COVER LEVEL (CL)	INVERT LEVEL (IL)	SUMP INVERT LEVEL	HB SET POINT (I/s)
SW MH1	43.500	41.904	41.604	3.4
SW MH 32_1	39.500	37.421	36.921	4.6
SW MH 5_11	38.000	36.883	36.383	5.8



13/04/22	ISSUED FOR PLANNING	PW	EC
REV. DATE	AMENDMENT	DRN	APPD

STATUS **FOR PLANNING ONLY**
NOT FOR CONSTRUCTION

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CLIENT **J. MURPHY (DEVELOPMENTS) LIMITED**
ARCHITECT **PCOT ARCHITECTS**

PROJECT **FOSTERSTOWN NORTH SHD
FOSTERSTOWN, SWORDS, Co. DUBLIN**

TITLE **PROPOSED PETROL INTERCEPTOR,
HYDROBRAKE & HEADWALL DETAILS**

DRAWN PW	DESIGNED EC	APPROVED JG	DATE APRIL 2022
SCALE AS SHOWN@1	JOB NO. 17-062	DRG. NO. P240	REVISION -