

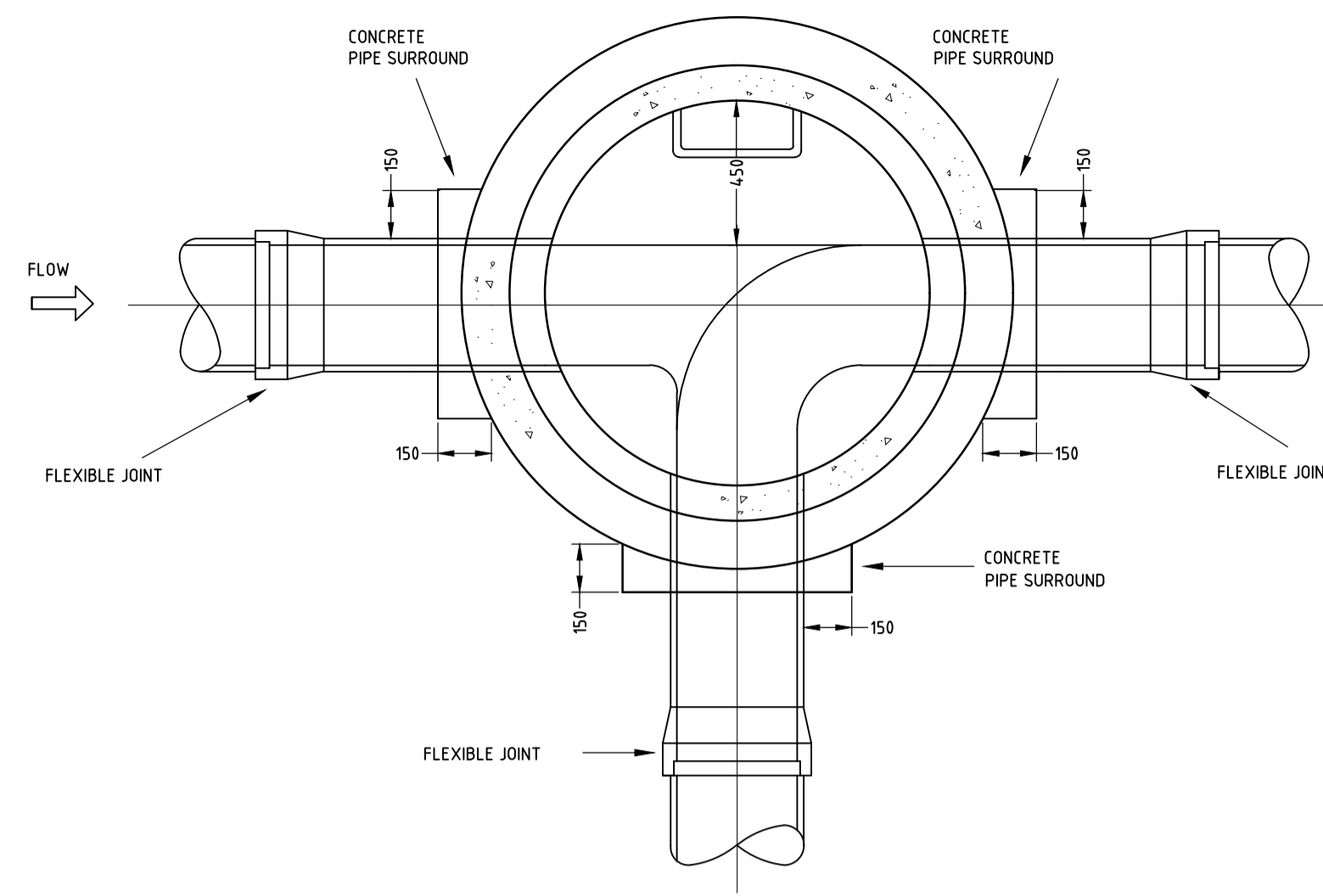
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NOTES:

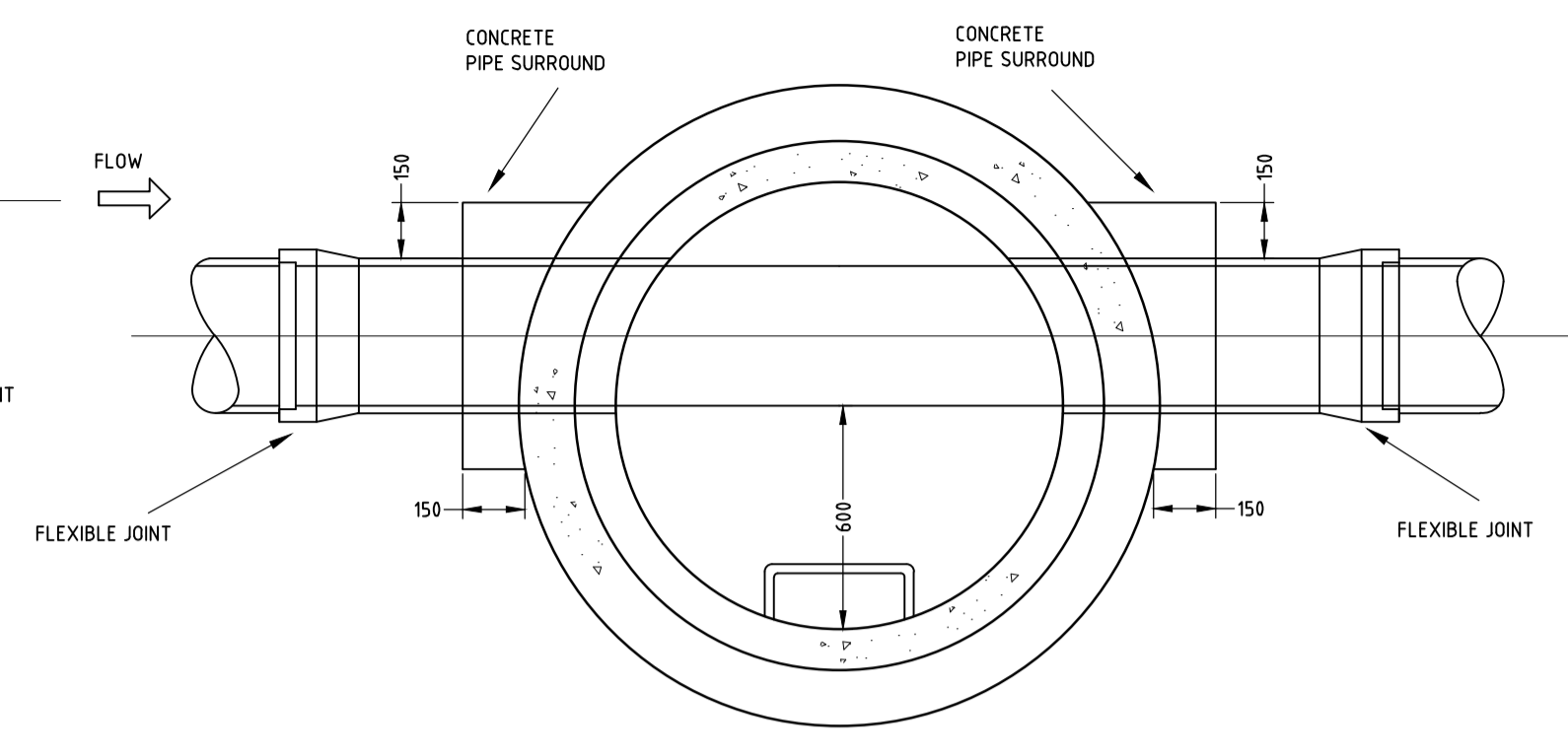
1. ALL HOUSE DRAINS TO BE 150mmØ
2. LOCAL DRAINS TO RUN AT A GRADIENT OF 1/40 UNLESS OTHERWISE NOTED.
3. DOUBLE GULLIES TO BE PROVIDED AT ALL ROAD SAG CURVES & CUL DE SACS WHERE INDICATED. SEPARATE CONNECTIONS 150mm DIA. SHALL BE PROVIDED FOR EACH GULLY. NO GALLEY SHALL BE MORE THAN 10m FROM A SURFACE WATER CONNECTION.
4. HOUSE DRAINS SHALL NOT PASS THROUGH A PROPERTY THEY DO NOT SERVE. ALL CASES.
5. MANHOLES ON HOUSE DRAIN RUNS SHALL BE LOCATED IN PRIVATE PROPERTY IN ALL CASES.
6. FOR SEWER LONG SECTIONS SEE DRAWING No. 138 SERIES
7. FOR ROAD CONSTRUCTION DETAILS SEE DRG. No. 151.
8. FOR MANHOLE DETAILS SEE DRG. No. 152.
9. FOR PIPE BEDDING DETAILS SEE DRG. No. 153.
10. ALL PIPES WHEN ARE TO BE TAKEN IN CHARGE BY THE LOCAL AUTHORITY ARE TO BE CONCRETE PIPES COMPLYING WITH IS. 6 & IS. 166 OR B.S. 5911.

NOTES

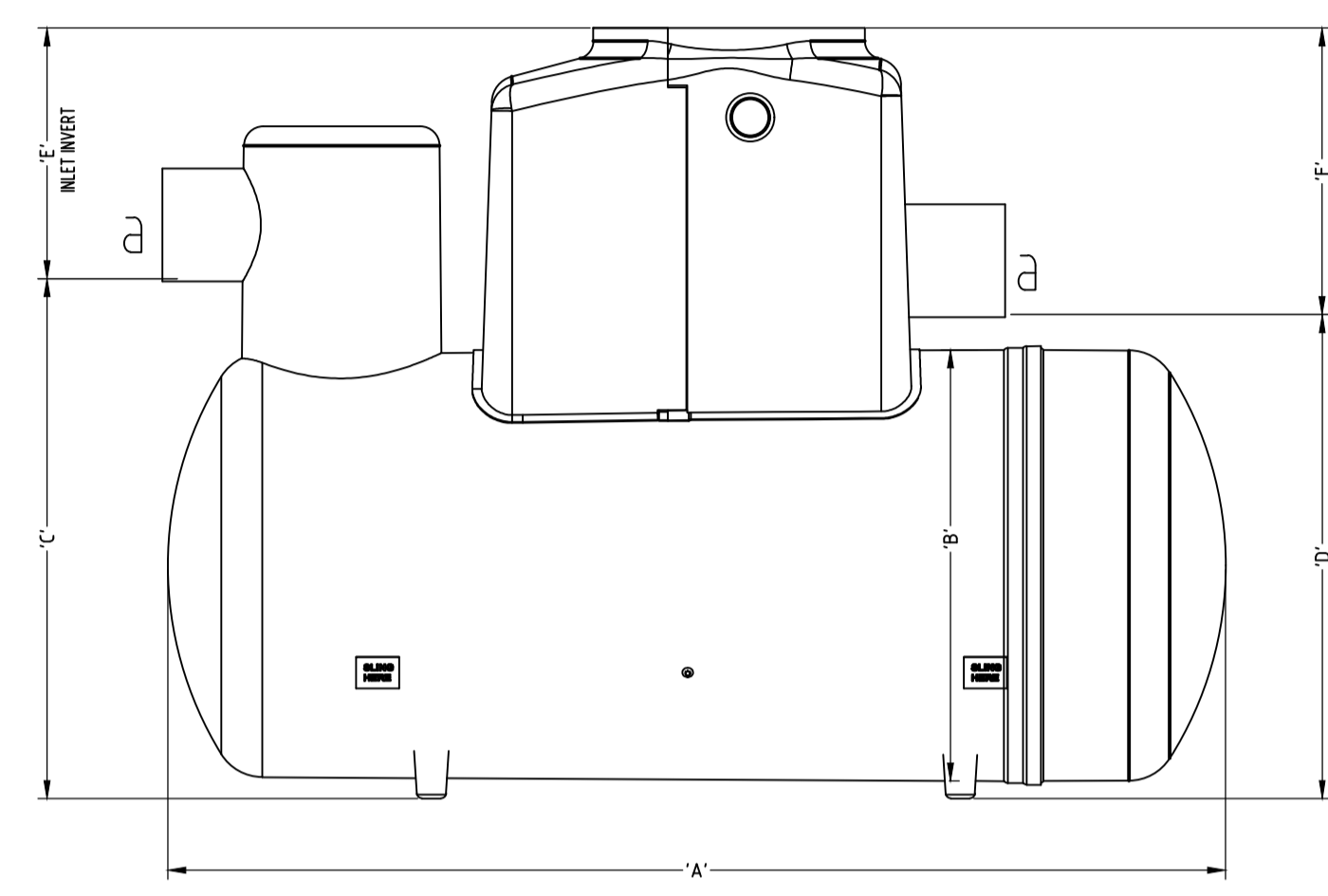
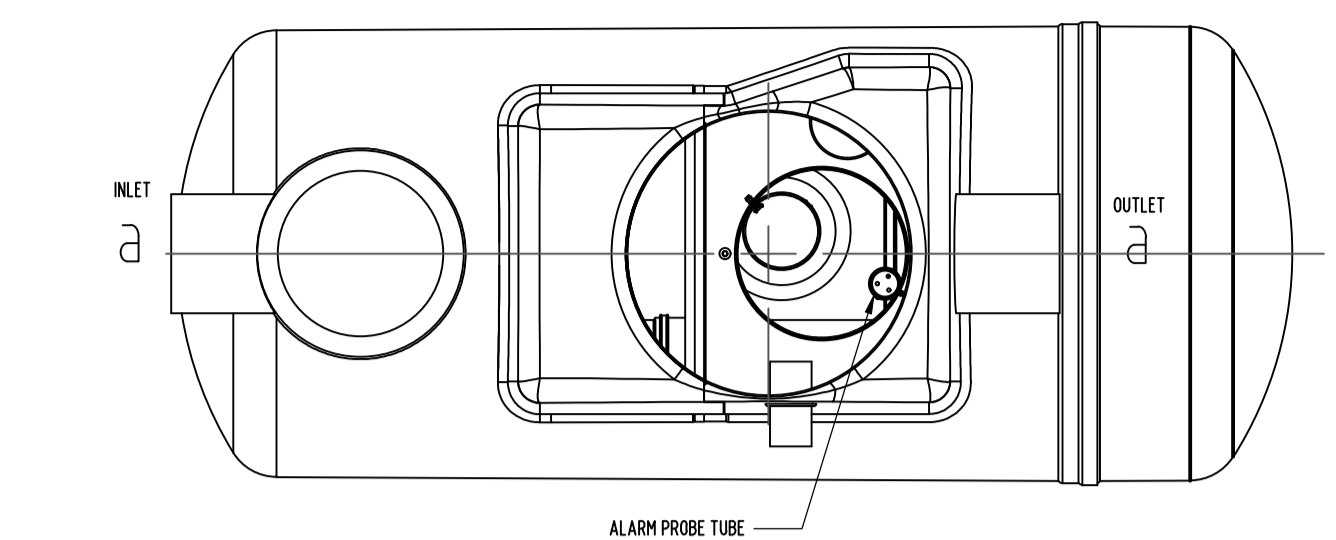
1. UNITS ARE SUPPLIED WITH THE STANDARD (MINIMUM) PIPEWORK SIZE, AND ORIENTATION SHOWN ON THE DRAWING. THE STANDARD EN858-1 STATES MINIMUM CONNECTION SIZES, UNITS ORDERED WITH DIFFERENT SIZE CONNECTIONS MAY NOT BE FULLY COMPLIANT WITH THE STANDARD. PLEASE CONSULT OUR SALES DEPARTMENT FOR DETAILS OF AVAILABLE OPTIONS, BUT PLEASE NOTE WE DO NOT ALTER INTERNAL PIPEWORK.
2. ALL UNITS SUPPLIED ARE CLASS 1 AND INCLUDE A COALESER.
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.



SECTIONAL PLAN A-A
(JUNCTION MANHOLE OR ANGLE = 45°)

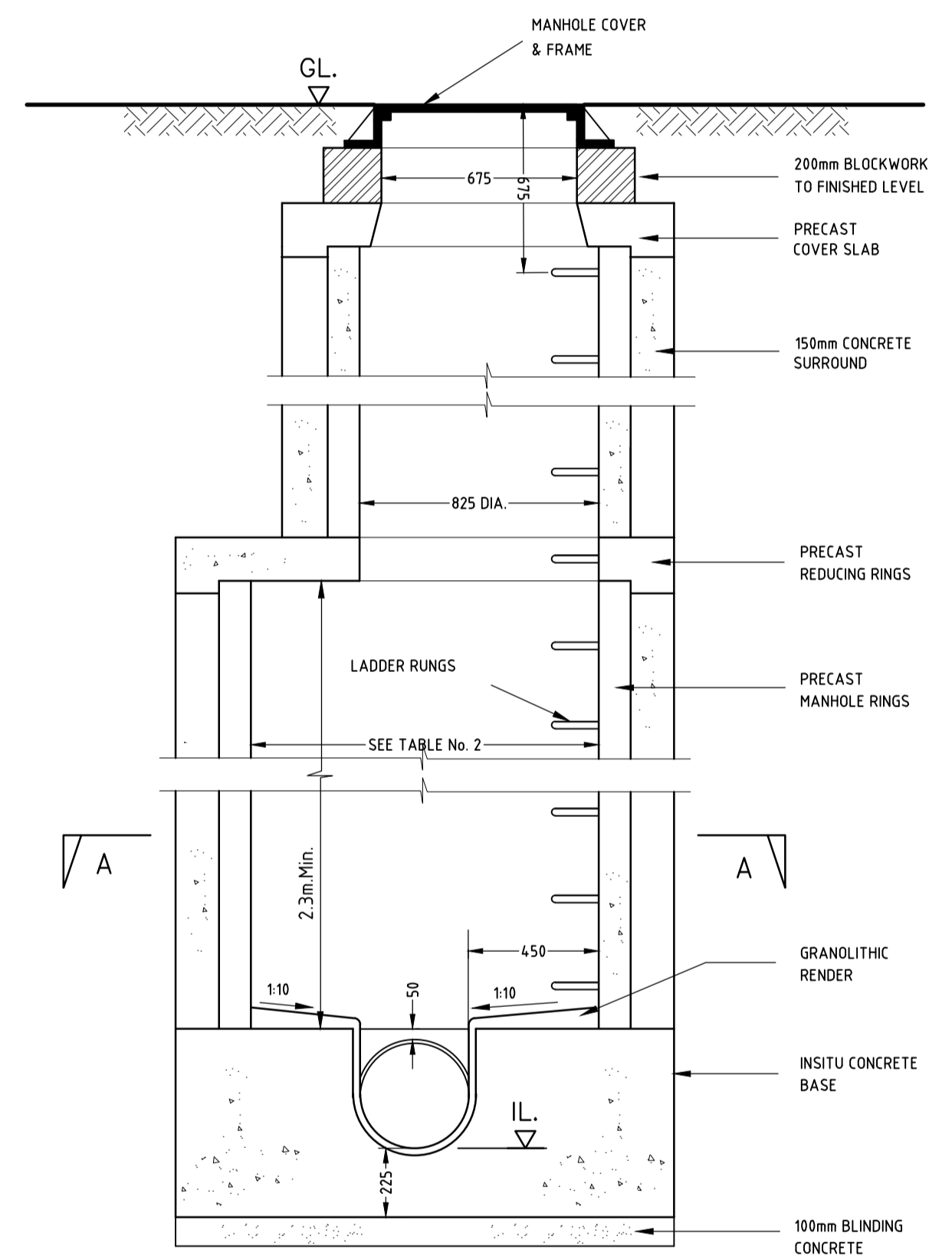
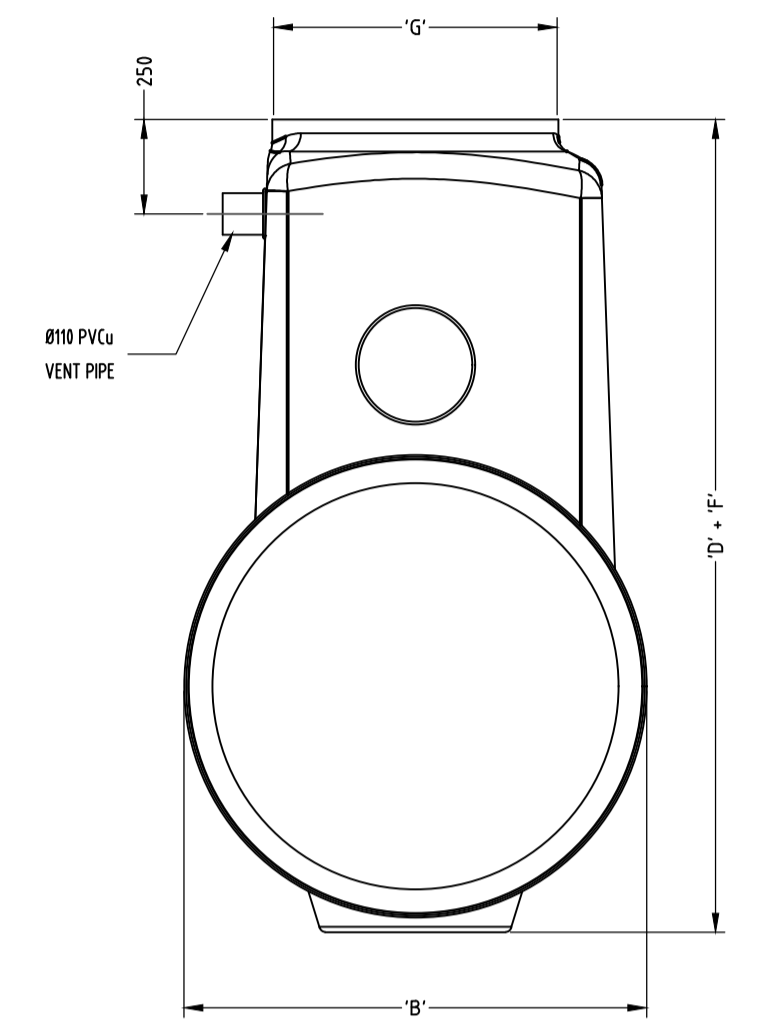


SECTIONAL PLAN A-A
(STRAIGHT THROUGH OR ANGLE = 45°)



UNIT	NOMINAL FLOW (l/sec)	DM 'A'	DM 'B'	DM 'C'	DM 'D'	DM 'E'	DM 'F'	DM 'G'	STD. PIPE Ø
NSBP06	6.0	1100	1350	1420	1320	500	600	600	150

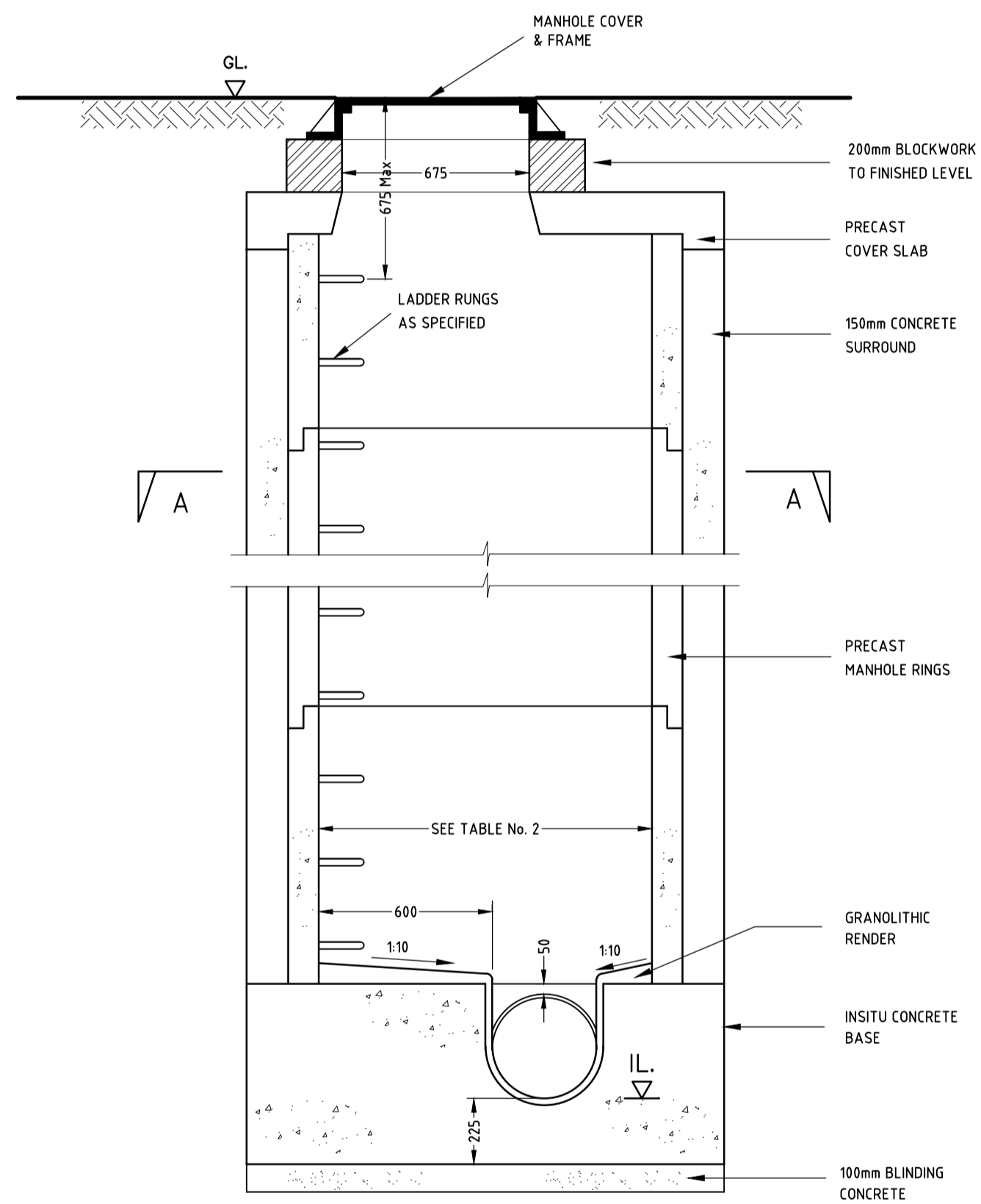
SCALE 1:20



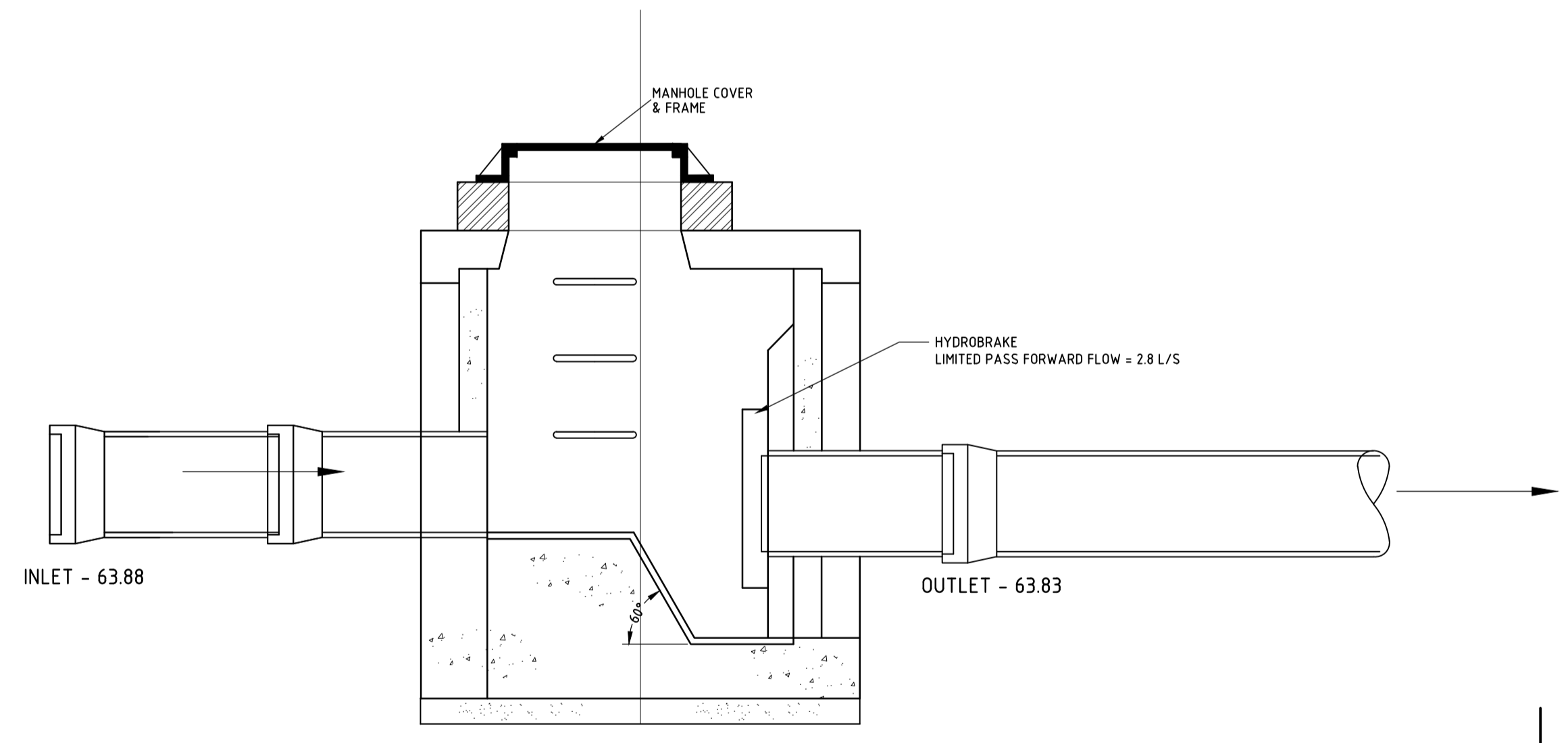
TYPE A MANHOLE
DEPTH FROM GL TO SOFFIT OF PIPE 3.0 TO 6.0m

TABLE No.2

Diameter of largest pipe in manhole (mm)	Internal diameter of manhole (mm)
Less than 375	1200
375 - 450	1350
500 - 700	1500
750 - 900	1800



SURFACE WATER MANHOLE
DEPTH FROM GL TO SOFFIT OF PIPE 3.0m



HYDROBRAKE MANHOLE
HYDROBRAKE FITTED IN PRECAST MANHOLE AS PER MANUFACTURERS SPECIFICATION.

NOT TO BE USED FOR CONSTRUCTION

REV	DATE	DESCRIPTION	BY/CHKD/APPD

Client
TIPPERARY COUNTY COUNCIL

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RESIDENTIAL DEVELOPMENT AT BANSHA, CO. TIPPERARY DRAINAGE DETAILS

Drawn	Scale	Project Number	Rev
POR	AS SHOWN	109-70	~
Chd.	Date	Drawing Number	
POR	20/05/2020	161	A1
Apprd.	Status		
EOD	PLANNING D2		