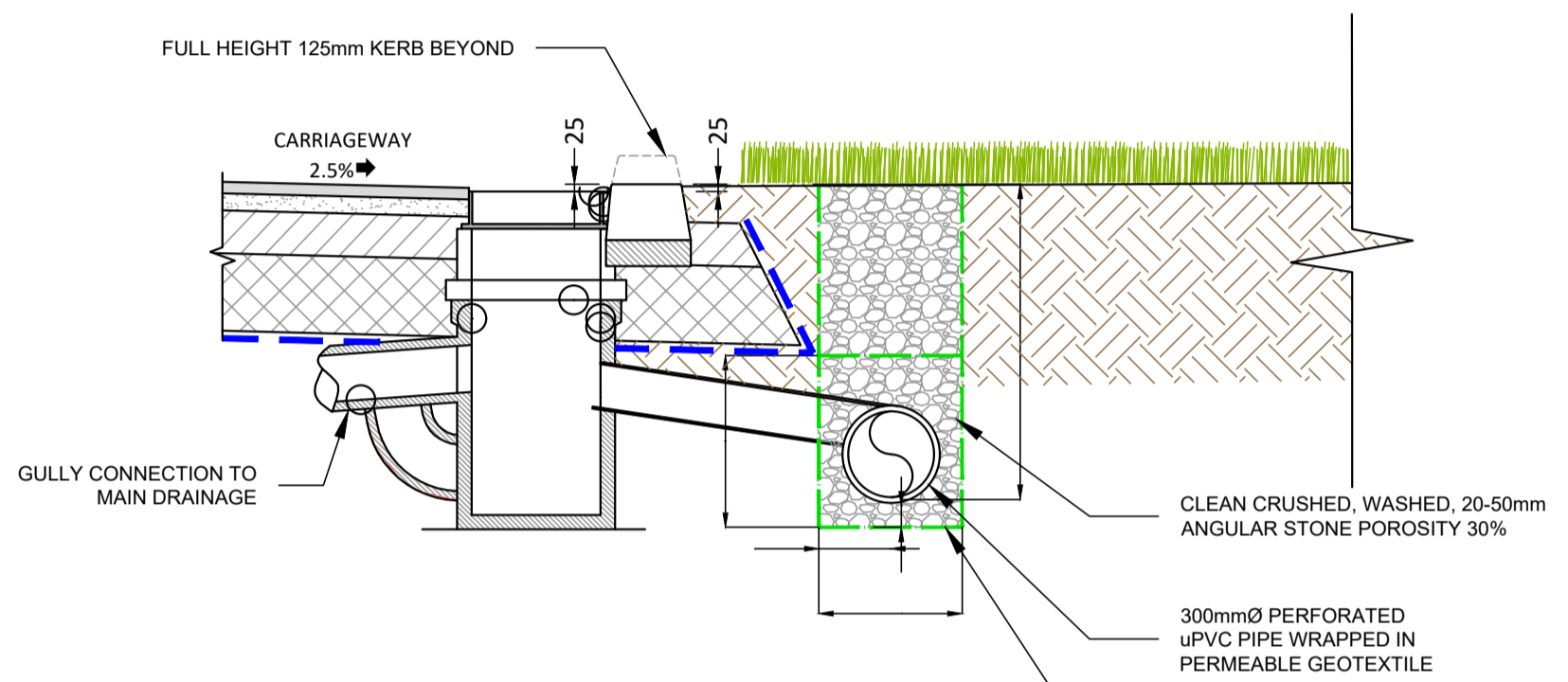
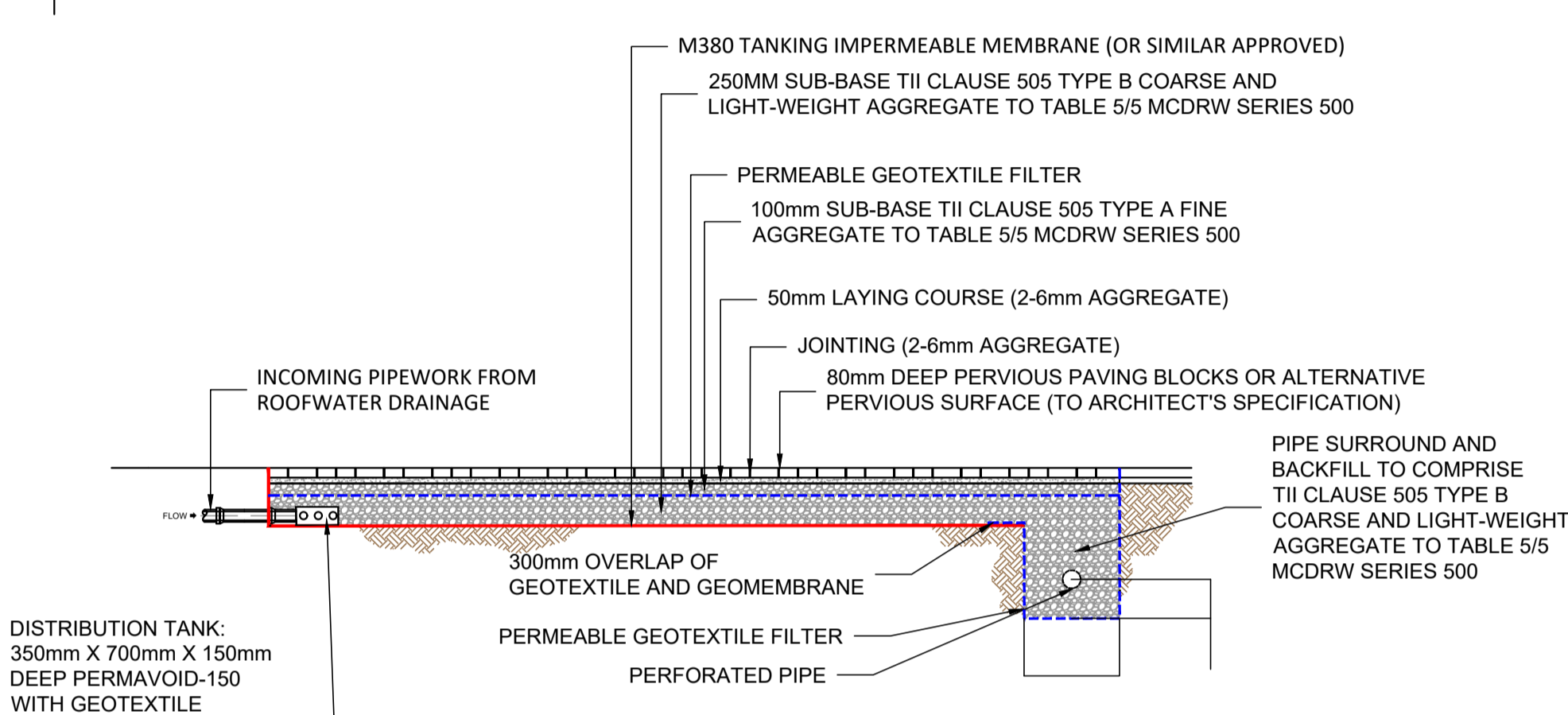


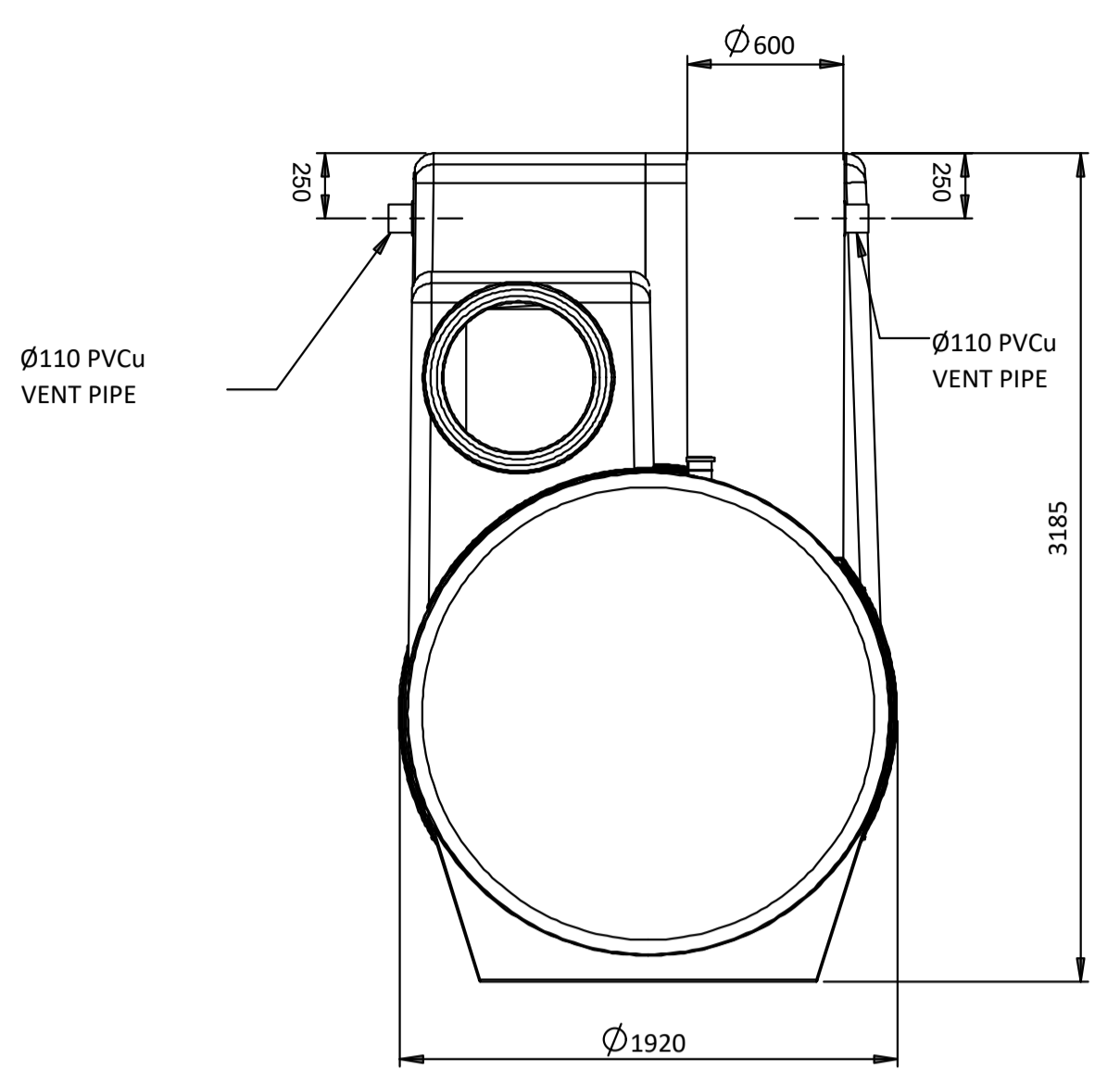
**CONCRETE TANK CROSS SECTION**  
SCALE = 1:50



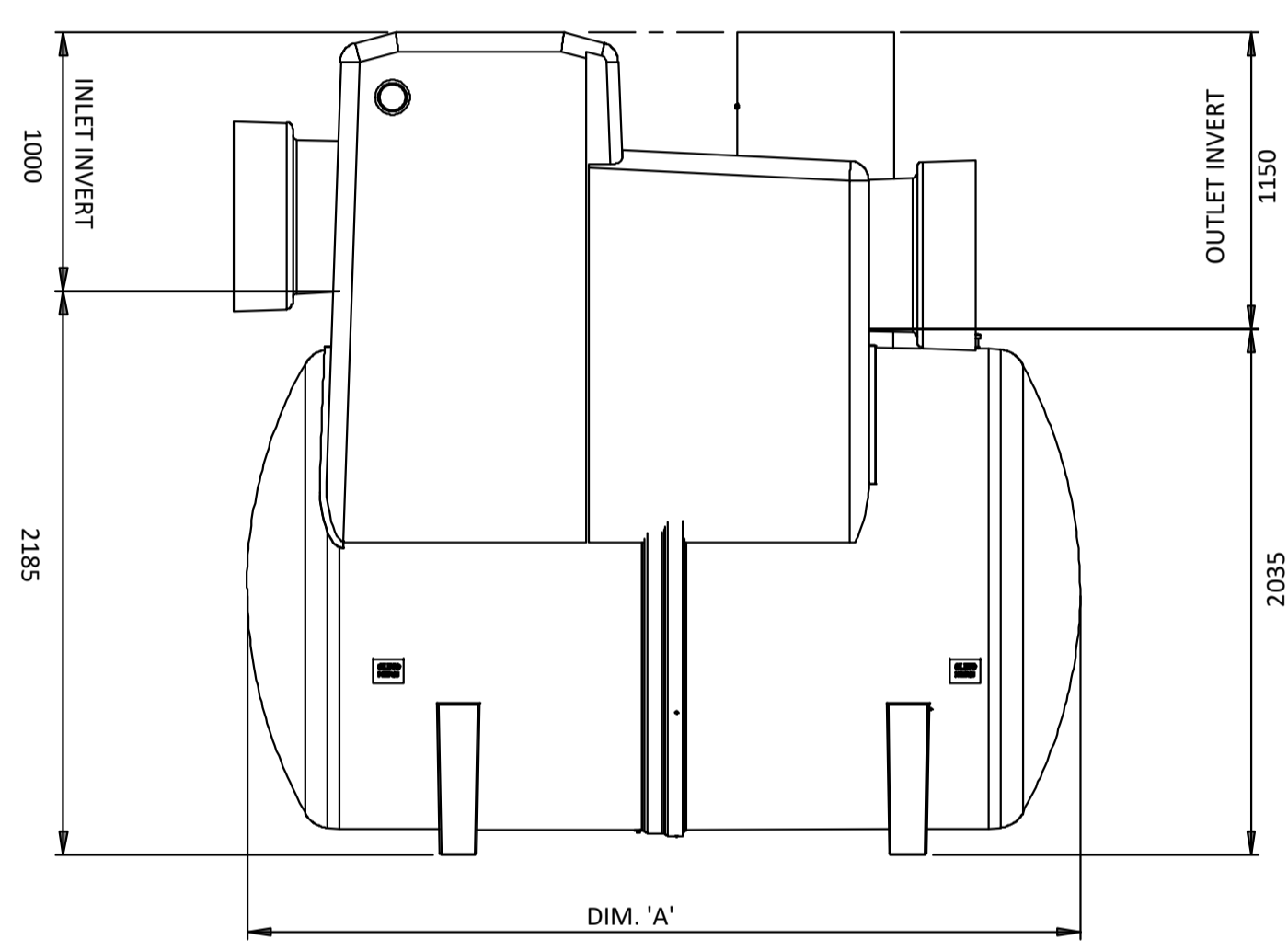
**FILTER DRAIN - TYPICAL SECTION**  
SCALE = 1:25



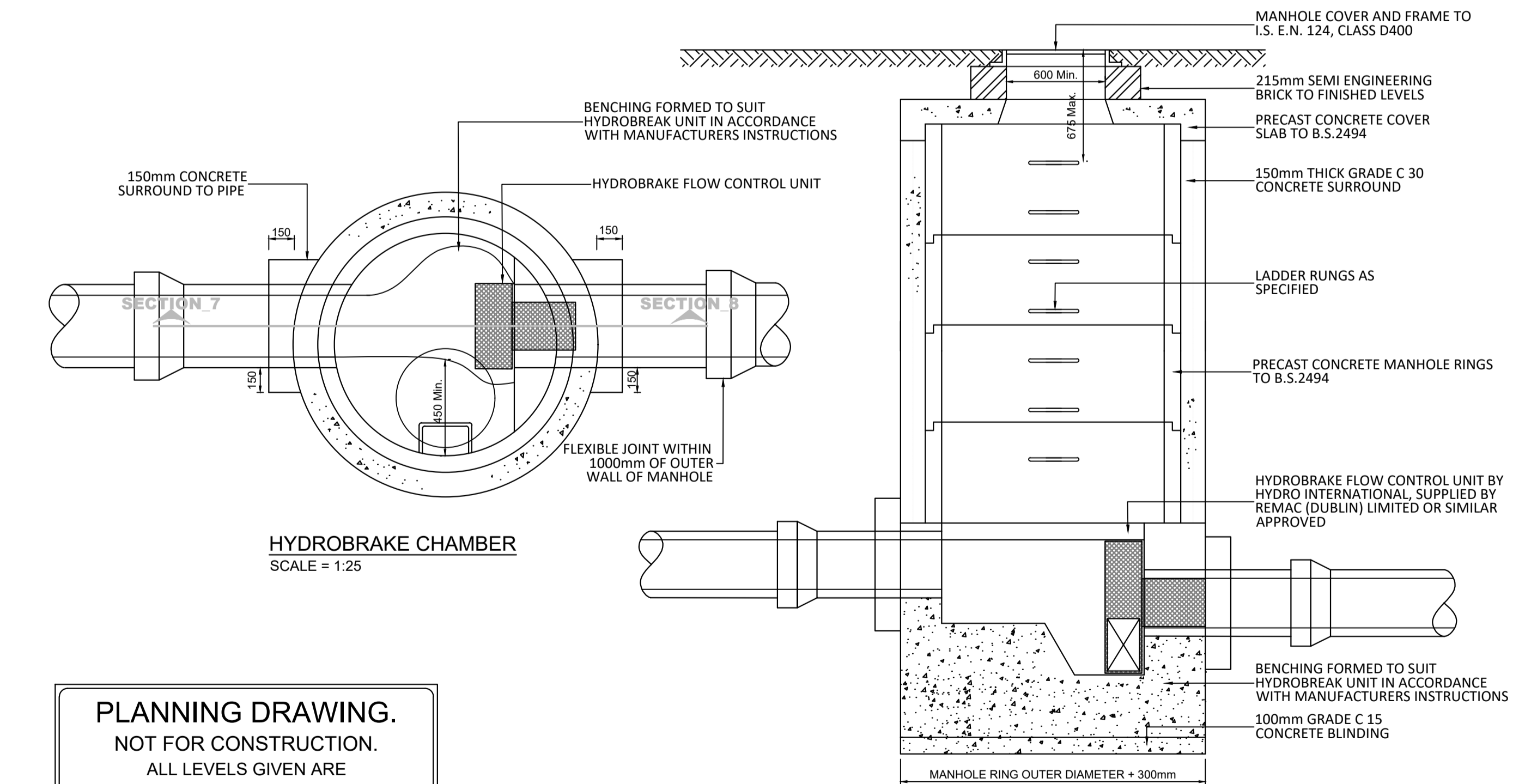
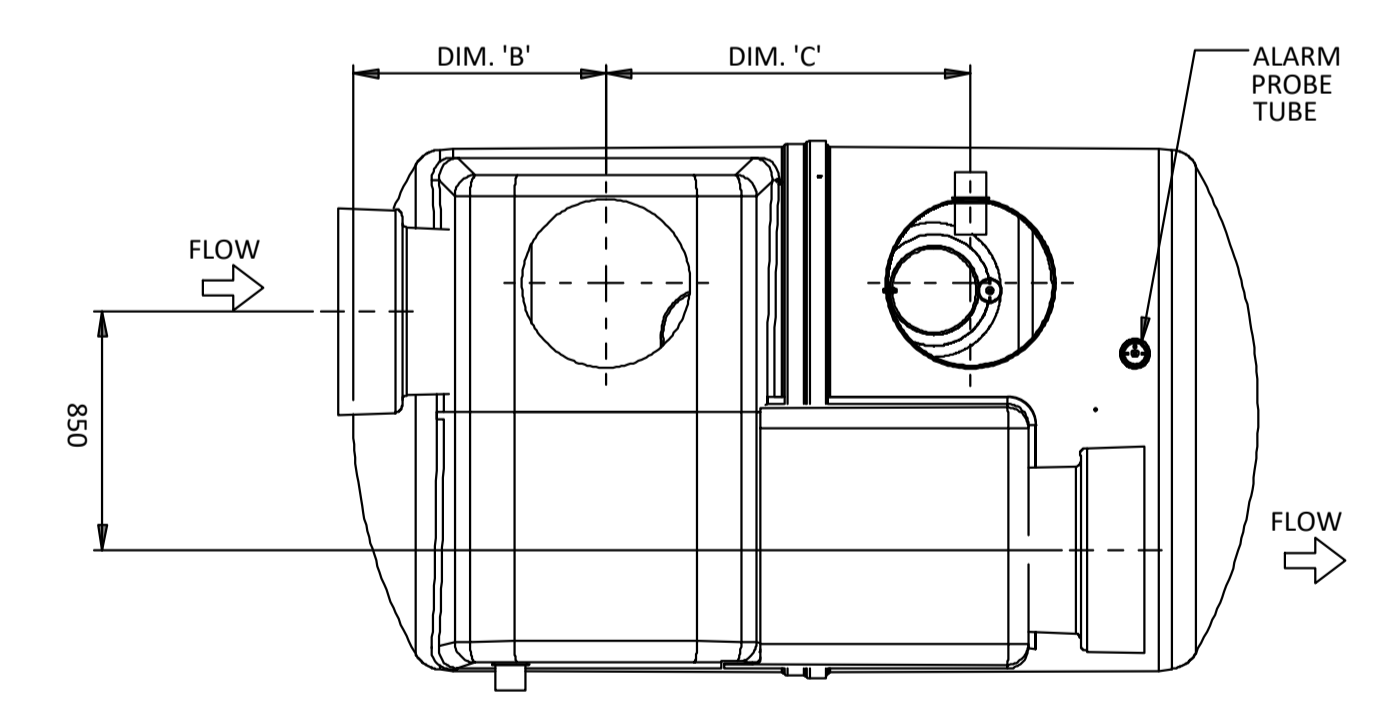
**PERVIOUS PAVING CROSS-SECTION**  
SCALE = 1:50



- 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.



- NOTES:-**
- THE INSTALLATION OF CHAMBERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S LATEST INSTALLATION INSTRUCTIONS
  - GROUND CONDITIONS AND WATER TABLE TO BE ASSESSED PRIOR TO THE UNIT INSTALLATION. INSTALLATION TO BE ADJUSTED ACCORDINGLY. TEMPORARY SUPPORT OF EXCAVATION WALLS TO BE IMPLEMENTED (DESIGNED AND APPROVED BY THE TEMPORARY WORKS SPECIALIST)
  - THERE MUST BE AT LEAST 1 METRE OF CLEAR, LEVEL GROUND ALL AROUND THE ACCESS COVERS TO ALLOW FOR ROUTINE MAINTENANCE.
  - BACKFILLING OF THE UNIT SHALL BE CARRIED OUT SIMULTANEOUSLY WITH POURING THE CLEAN WATER INTO THE UNIT. POUR NO MORE THAN 300-MM DEPTH OF CLEAN WATER INTO THE UNIT, AVOIDING SHOCK LOADS. FOR UNITS WITH MORE THAN ONE CHAMBER, ADD WATER TO EACH CHAMBER SIMULTANEOUSLY. DO NOT OVERFILL; THE UNIT IS NOT DESIGNED TO HOLD WATER WHILST UNSUPPORTED.
  - PLACE CONCRETE BACKFILL TO APPROXIMATELY 300MM DEPTH UNDER AND TO THE SIDES OF THE TANK ENSURING GOOD COMPACTION TO REMOVE VOIDS. DO NOT USE VIBRATING POKERS. CONTINUE ADDING CONCRETE BACKFILL, SIMULTANEOUSLY KEEPING THE INTERNAL WATER LEVEL NO MORE THAN 200 MM ABOVE THE BACKFILL LEVEL AT ALL TIMES, UNTIL THE BACKFILL IS JUST BELOW THE UNDERSIDE OF THE OUTLET DRAIN, GIVING SUFFICIENT ROOM TO CONNECT THE INLET AND OUTLET PIPEWORK.
  - ACCESS COVERS SHOULD BE SELECTED WITH REFERENCE TO THE LOCATION OF THE UNIT AND TRAFFIC LOADS TO BE ACCOMMODATED.
  - INSTALLATION SHOULD ONLY BE CARRIED OUT BY SUITABLY QUALIFIED AND EXPERIENCED CONTRACTORS IN ACCORDANCE WITH CURRENT HEALTH AND SAFETY REGULATIONS.



**HYDROBRAKE CHAMBER SECTION A-A**  
SCALE = 1:25

**PLANNING DRAWING.**  
NOT FOR CONSTRUCTION.  
ALL LEVELS GIVEN ARE RELATIVE TO ORDENANCE DATUM.  
THIS DRAWING HAS BEEN ISSUED FOR INFORMATION PURPOSES ONLY AND MUST NOT BE USED FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

UNIT	NOMINAL FLOW (l/sec.)	DIM. 'A'	DIM. 'B'	DIM. 'C'	STD. PIPE Ø	APPROX. EMPTY WEIGHT (kg)	FALL ACROSS UNIT
NSBE040	40.0	3230	902	1300	500	713	150

**NSBE040 PETROL INTERCEPTOR W/ ALARM**  
SCALE = 1:25

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Rev No.	Date	Revision Note	Drn by	Chkd by	Rev No.	Date	Revision Note	Drn by	Chkd by
P01	04/10/21	SUITABLE FOR STAGE APPROVAL	RM	DR					
P02	04/05/22	SUITABLE FOR SYAGE APPROVAL	RB	ZB					

- FOR SETTING OUT REFER TO ARCHITECT'S DRAWINGS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTURAL AND ENGINEERING DRAWINGS AND ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
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Client: **BEO PROPERTIES LIMITED**  
Project: **RATOATH SOUTH SHD**

Title: **DRAINAGE DETAILS SHEET 3 OF 3**

Code	Originator	Zone	Level	Type	Role	Number	Status	Revision
L308	OCSC	XX	XX	DR	C	0522	S4	P02

Date: 01.04.20 Scale: SHWN @ A1 Drn by: RM Chkd by: DR Aprvd by: AH