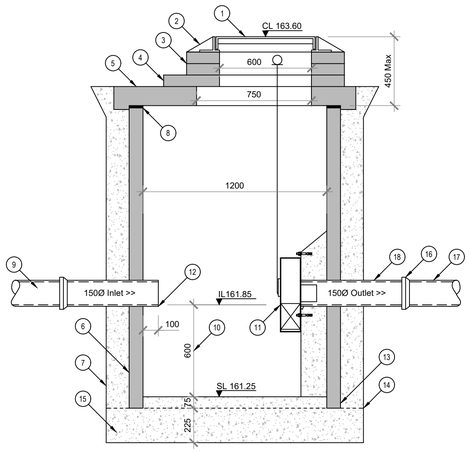
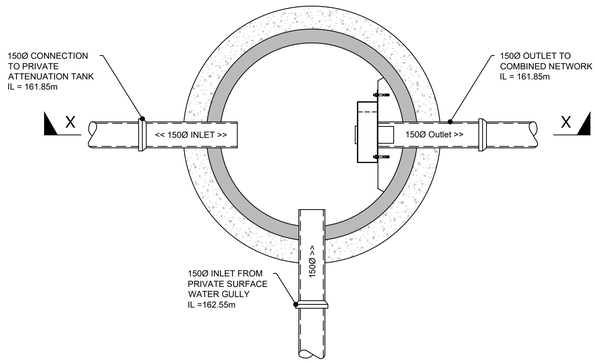


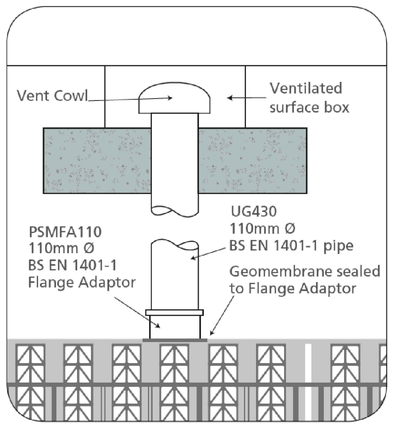
SECTION X-X

1. DOUBLE TRIANGULAR DUCTILE IRON COVER AND FRAME TO BS EN 124, CLASS D400, WITH 600 x 600mm CLEAR OPENING. PERMANENTLY MARKED WITH THE LETTERING 'SW' FOR STORM WATER.
2. COVER FRAME TO BE BEDDED ON AND HAUNCHED IN CLASS M1, M2 OR EPOXY MORTAR NO GREATER THAN 20mm THICK. APPROVED PACKING MATERIAL MAY BE USED IF REQUIRED.
3. TYPE 2 COVER FRAME SEATING RINGS WITH 600 x 600mm CENTRAL ACCESS OPENING OR 2 - 4 COURSES OF CLASS B ENGINEERING BRICKWORK LAID IN ENGLISH BOND.
4. TYPE 1 COVER FRAME SEATING RING WITH 600 x 600mm ECCENTRIC ACCESS OPENING TO BS EN 752-3, BEDDED ON MORTAR.
5. REINFORCED PRECAST CONCRETE (SULPHATE RESISTING) HEAVY DUTY COVER SLAB TO BS EN 752-3 WITH 750 x 600mm ECCENTRIC ACCESS OPENING, BEDDED ON MORTAR.
6. PRECAST CONCRETE (SULPHATE RESISTING) CHAMBER SECTIONS TO BS 5911:PART 200. LIFTING EYES TO BE POINTED.
7. 150mm THICK GEN 3, SULPHATE RESISTING CONCRETE SURROUND.
8. 10mm UNCOMPRESSED THICKNESS OF APPROVED COMPRESSIBLE SEALANT TO ALL HORIZONTAL JOINTS.
9. PROPOSED 150mmØ INLET PIPE CONNECTION FROM THE PRIVATE ATTENUATION TANK.
10. MIN. 600mm SUMP BELOW OUTLET INVERT LEVEL.
11. HYDRO-BRAKE OPTIMUM MD-SHE-0049-1000-0800-1000 FLOW CONTROL (WITH PIVOTING BYPASS DOOR) FIXED WITH MASONRY STUD ANCHOR BOLTS TO MANUFACTURER'S SPECIFICATION. STEEL ROPE AND EYE BRACKET TO OPERATE PIVOTING BYPASS DOOR.
12. PIPE TO EXTEND MIN. 100mm FROM INSIDE FACE OF CHAMBER.
13. BOTTOM PRECAST CONCRETE CHAMBER SECTION TO BE SET MIN. 75mm INTO CONCRETE BASE SLAB.
14. CONSTRUCTION JOINT.
15. GEN 3 MIX, SULPHATE RESISTING CONCRETE.
16. ALL PIPES ENTERING OR LEAVING MANHOLES SHALL HAVE A FLEXIBLE JOINT WITHIN 600mm OF THE INSIDE FACE OF THE MANHOLE.
17. ROCKER PIPE TO BE 600mm LONG.
18. SHORT LENGTH OF PIPE TO BE SIMILAR LENGTH AS ROCKER PIPE.

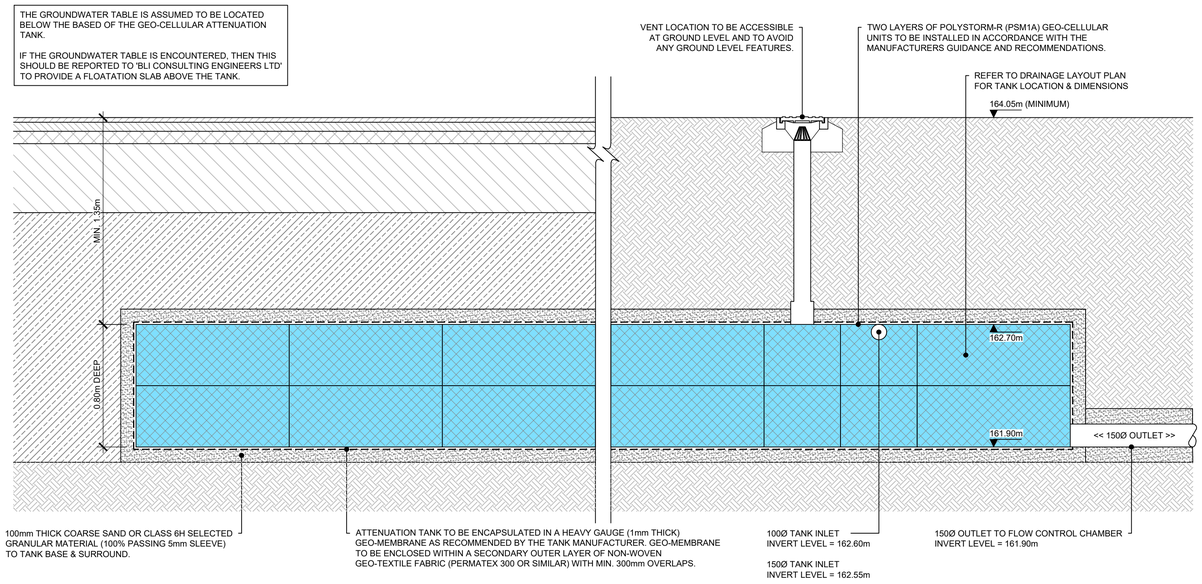


PLAN VIEW

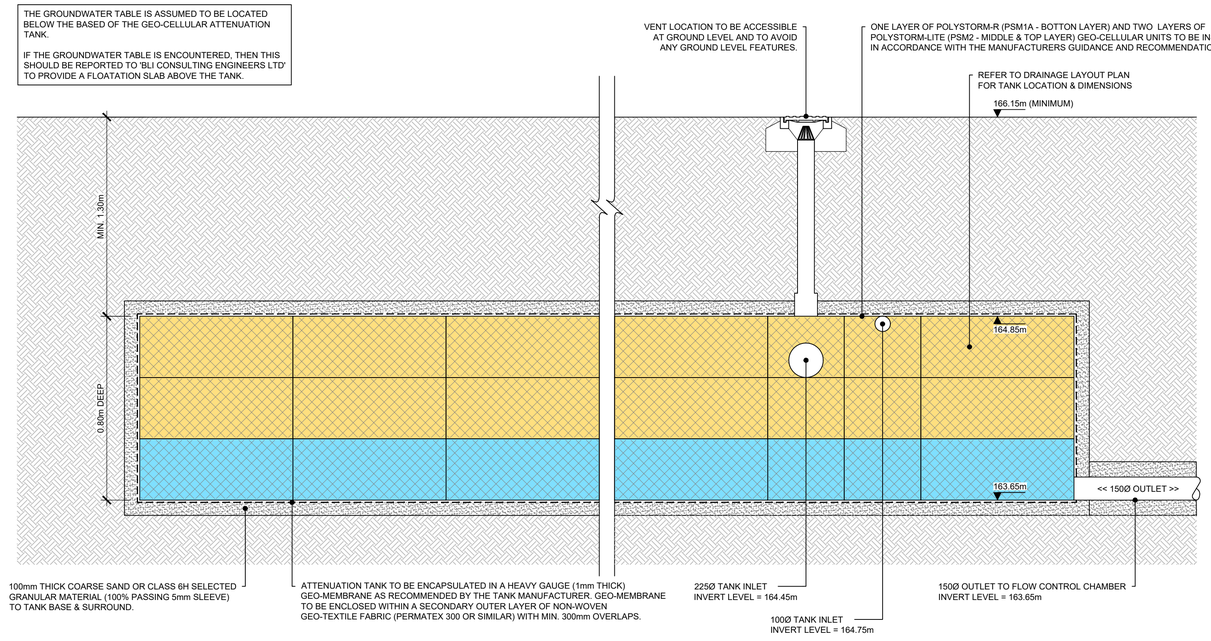
FLOW CONTROL CHAMBER - (NO.1)
SCALE 1:20



TYPICAL POLYSTORM VENT DETAIL
SCALE NTS



PRIVATE ATTENUATION TANK NO.1 - TYPICAL SECTION DETAIL
SCALE 1:20



PRIVATE ATTENUATION TANK NO.2 - TYPICAL SECTION DETAIL
SCALE 1:20

© Copyright BLI Consultant Engineers Ltd.

Rev.	Date	Description	Drawn	Chk'd
P2	20/05/26	Tank No.2 specification adjusted to suit client discussion.	RSM	RSM
P1	25/01/26	First Issue	RSM	RSM

DESIGN NOTES

1. Refer to BLI Consulting Engineers Ltd Drawing No. BLI.2025.90-C-01 for full Design Notes.

Consultant Engineers

client: HANSON SERVICES LTD
project: TUSSOCKS & HILLCREST, THE CAUSEWAY, THERFIELD, HERTS
dwg title: **CONSTRUCTION DETAILS (SHEET 2 OF 4)**

discipline	drawn	chk'd	date:	scale @ A1
CIVIL ENGINEERING	RSM	RSM	FEB 2026	AS NOTED

project no.	dwg no.	rev.	status.
BLI.2025.90	C 08	P2	COMMENT / APPROVAL

BLI Consulting Engineers Ltd.
7 Melton Drive
Norwich
Norfolk
NR8 6TT
T: 07918 725 983
richard.martin@bli-consulting.co.uk