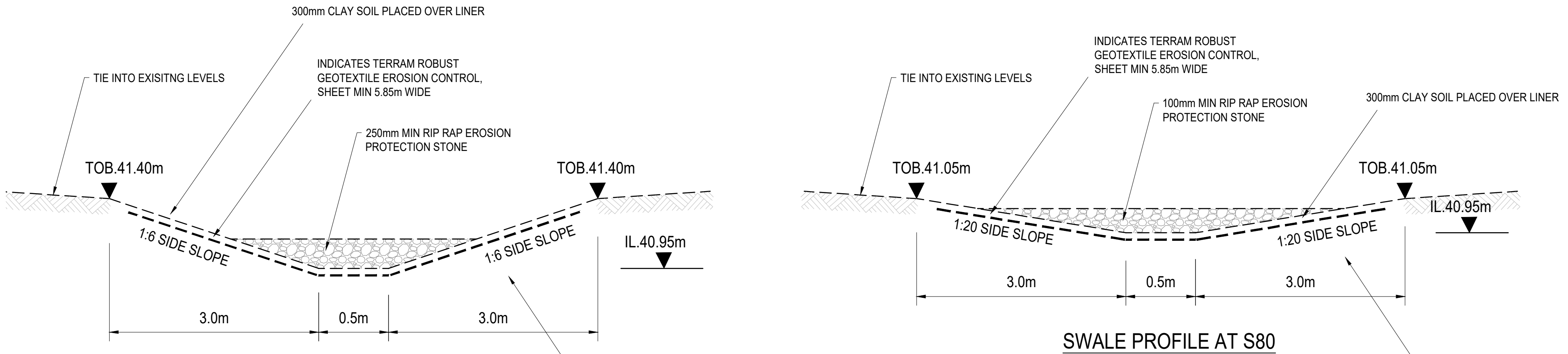
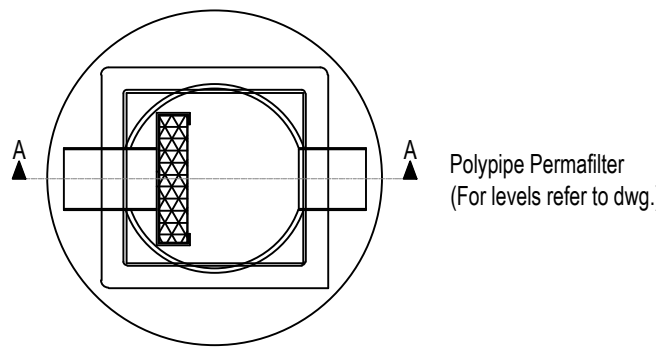
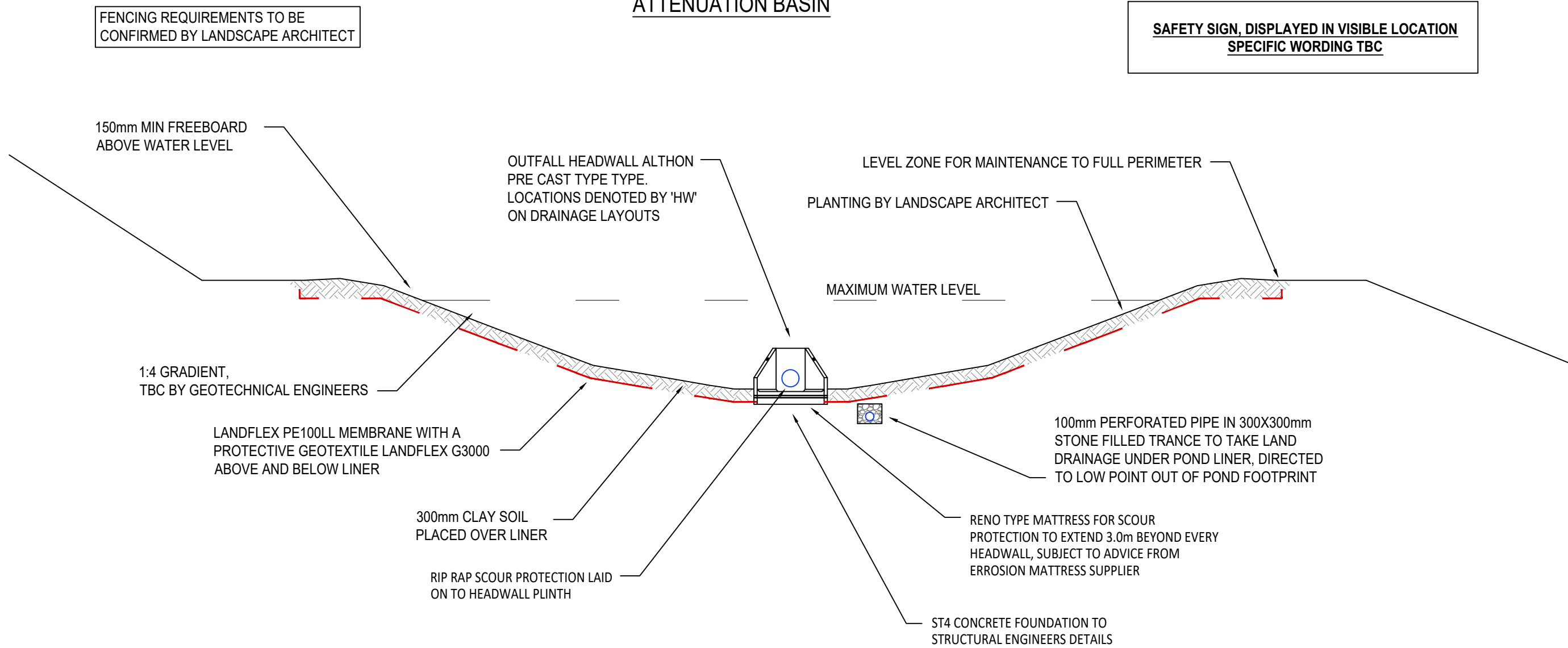




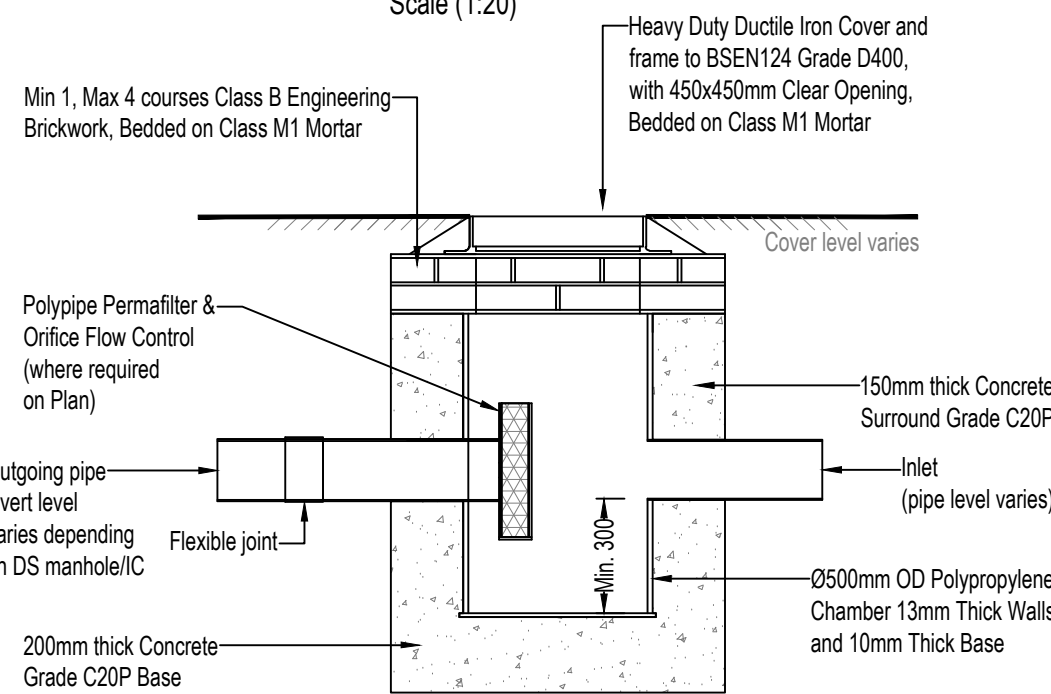
SWALE PROFILE AT HW.10

SWALE PROFILE AT S80

TYPICAL CONSTRUCTION SECTION
ATTENUATION BASIN

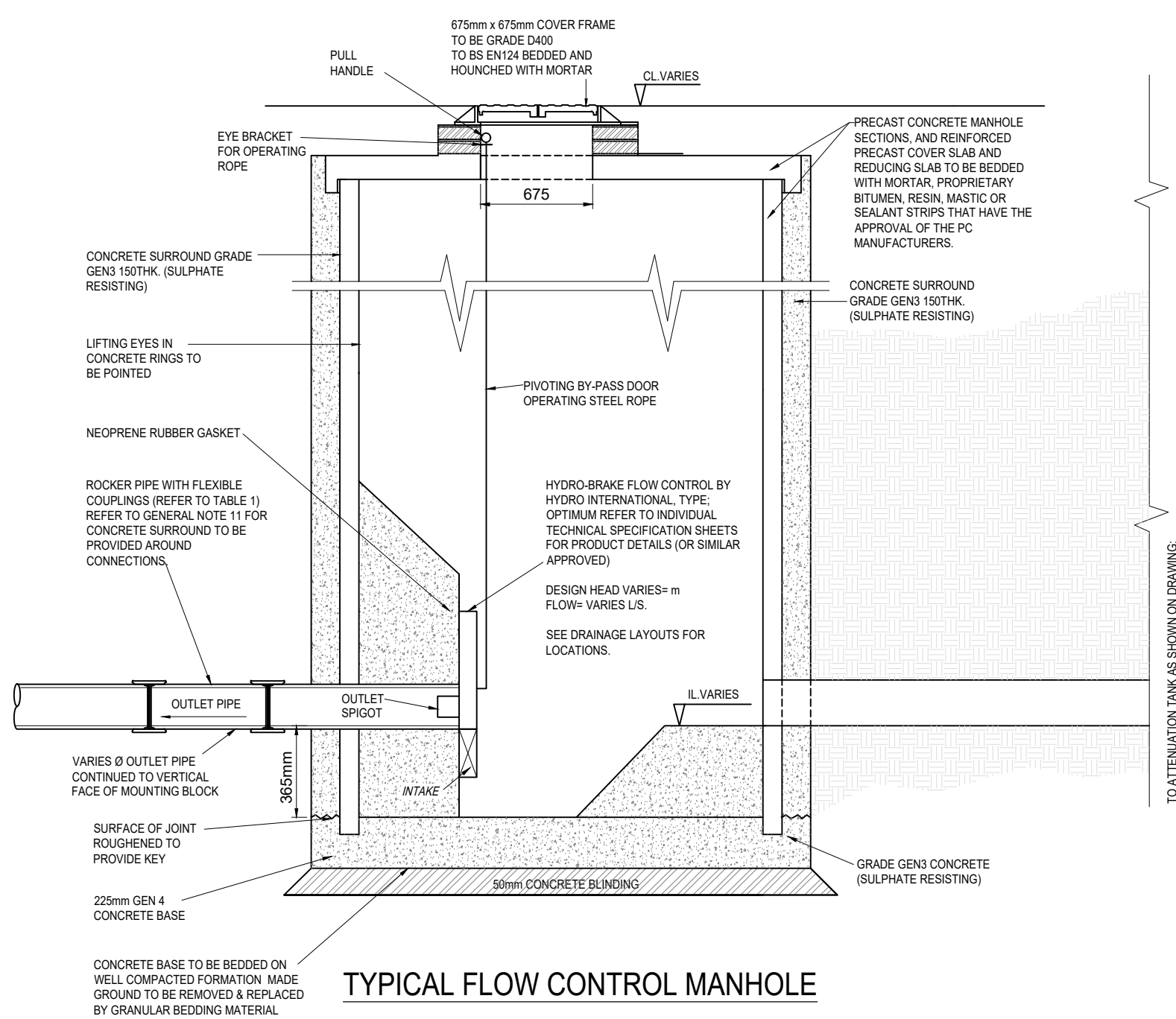


PLAN
Scale (1:20)



SECTION A-A

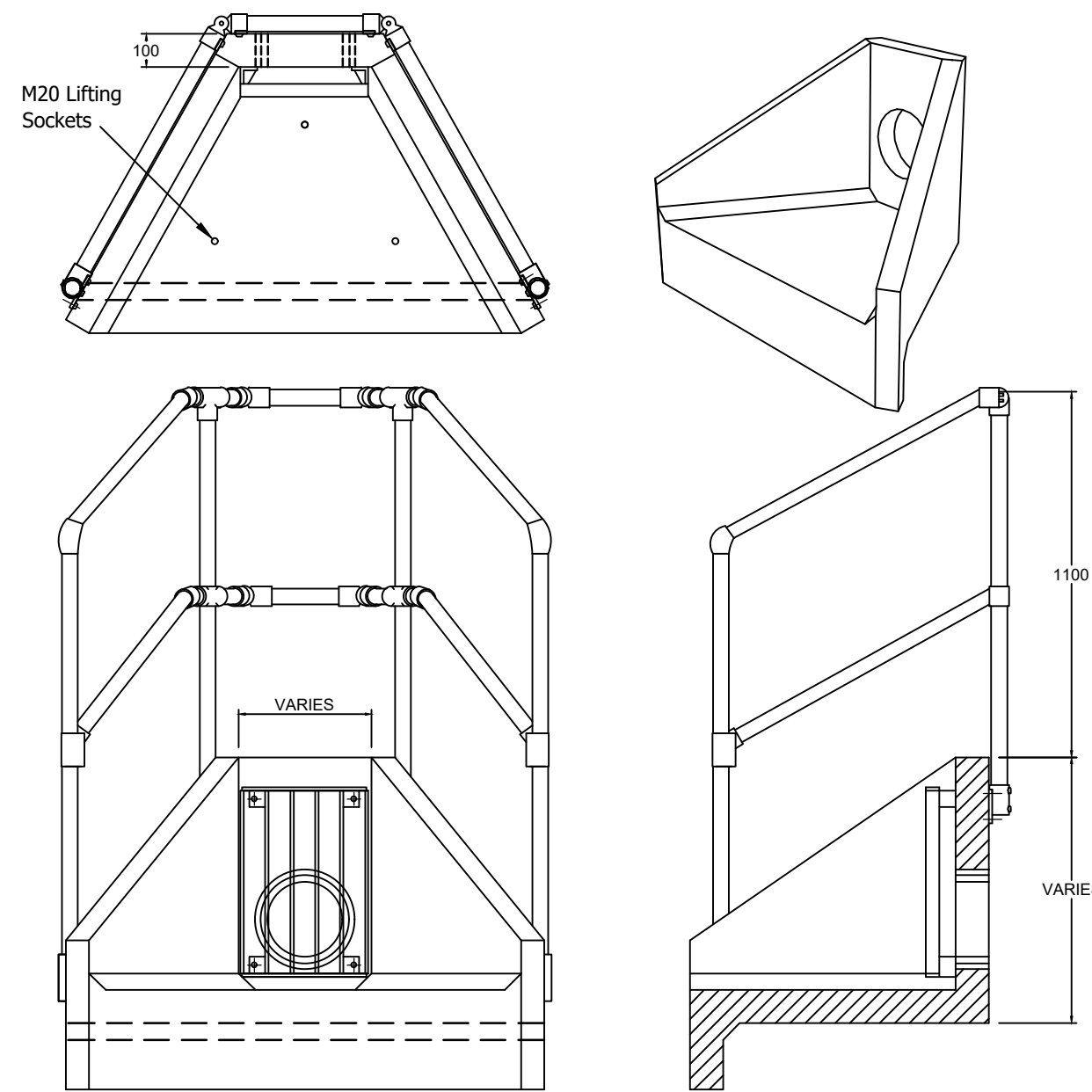
TYPE 5 Ø500mm POLYPIPE CATCHPIT INSPECTION CHAMBER
INCORPORATING FLOW CONTROL AND DEBRIS DEVICE



TYPICAL FLOW CONTROL MANHOLE

CONTROL MANHOLE NOTES

- ALL DIMENSION ARE IN MILLIMETERS AND METERS
- PRECAST CONCRETE UNITS TO BE BS9111 PART 200 AND TO BE CONSTRUCTED WITH A MINIMUM CLASS 3 SULPHATE RESISTING CEMENT.
- ALL INITU CONCRETE TO BE CLASS STANDARD MIX ST4 (GRADE C20) IN ACCORDANCE WITH SECTION 4 OF BS5328 PART 2
- MATERIALS FOR JOINTING MANHOLE RINGS TO BE A RUBBER BITUMEN COMPOUND OF APPROVED MANUFACTURER 'TOKSTROP' OR SIMILAR.
- ALL BRICKWORK TO BE CLASS B ENGINEERING - 2 COURSES MIN 4 COURSES MAX 20mm THICK - BS5628 PART 3
- 20mm THICK GRANULITHIC CONCRETE BENCHING TO BE BROUGHT UP TO A DENSE SMOOTH FACE NEATLY SHAPED AND FINISHED TO ALL BRANCH CONNECTIONS WHERE BENCHING IS LESS THAN 450mm WIDE. SLOPE TO BE 1:10 MORE THAN 450mm, 1:20
- PIPES ENTERING MANHOLES TO HAVE A FLEXIBLE JOINT AS CLOSE AS FEASIBLE TO OUTSIDE FACE OF ANY STRUCTURE INTO WHICH THE PIPE IS BUILT IN ORDER TO FACILITATE MOVEMENT OF THE JOINT. THE LENGTH OF THE NEXT PIPE (ROCKERS PIPELINES, BEDDING, LAYING AND JOINTING OF PIPES AND BACKFILLING OF TRENCHES SHALL BE IN ACCORDANCE WITH THE DCS GUIDANCE.



HEADWALL ALTHON SFA TYPE (TYPICAL SPECIFICATION, VARIES)
OR SIMILAR APPROVED. WITH KEE KLAMP HANDRAIL AND SAFETY GRILLE.
Scale 1:20

- NOTES
- DO NOT SCALE THIS DRAWING ON PRINT OR ELECTRONICALLY. WORK FROM FIGURED DIMENSIONS ONLY.
 - No deviation from the details shown on this drawing is allowed without IESIS's prior permission in writing.
 - Read this drawing with all Architects, Service Engineers and IESIS's relevant details and drawings. NB. Setting-out dimensions as per the Architect's drawings take precedence.
 - All work is to be in accordance with the relevant specifications issued by IESIS, British Standard Codes of Practice, Statutory requirements and the Contract Documents.
 - DRAWING STATUS
P - PRELIMINARY - Evolving drawings for approvals, Tenders, Billings, etc.
C - CONSTRUCTION - Fully developed drawings issued under instruction for construction.
- ONLY STATUS C DRAWINGS TO BE USED FOR CONSTRUCTION.
- SUITABILITY CODE
WORK IN PROGRESS:
S0 - Work in progress
S1 - For coordination, S2 - For information, S3 - For internal review and comment, S4 - For construction approval.
DOCUMENTATION (FOR CONTRACTOR PURPOSES):
D1 - For costing, D2 - For Tender, D3 - For contractor design, D4 - For manufacture / procurement.
CONSTRUCTION:
A - For construction, B - For construction but with comments (i.e. areas in abeyance), C - Comprehensive revisions required.

SUBJECT TO TECHNICAL APPROVAL

DESIGNED TO CURRENT VERSION OF WATER UK'S
DESIGN AND CONSTRUCTION GUIDANCE

P2	SIGN NOTE UPDATED ON BASIN DETAIL, SWALE DETAILS ADDED	30.09.25	KW
P1	ISSUED FOR APPROVAL	08.09.25	KW
Status/Rev	Description	Date	By

IESISCIVILS

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Job Title	LAND AT WINNERSH FARM - PHASE 1
Client	TAYLOR WIMPEY WEST LONDON

DRAINAGE DETAILS
SHEET 5

drawn	date	scale @ A1	C1 checked	IESIS Project No.
KW	SEPT'25	NTS	-	SE2326
Drq No.	22586-18-05	Suitability	D2	Status/Revision
				P2