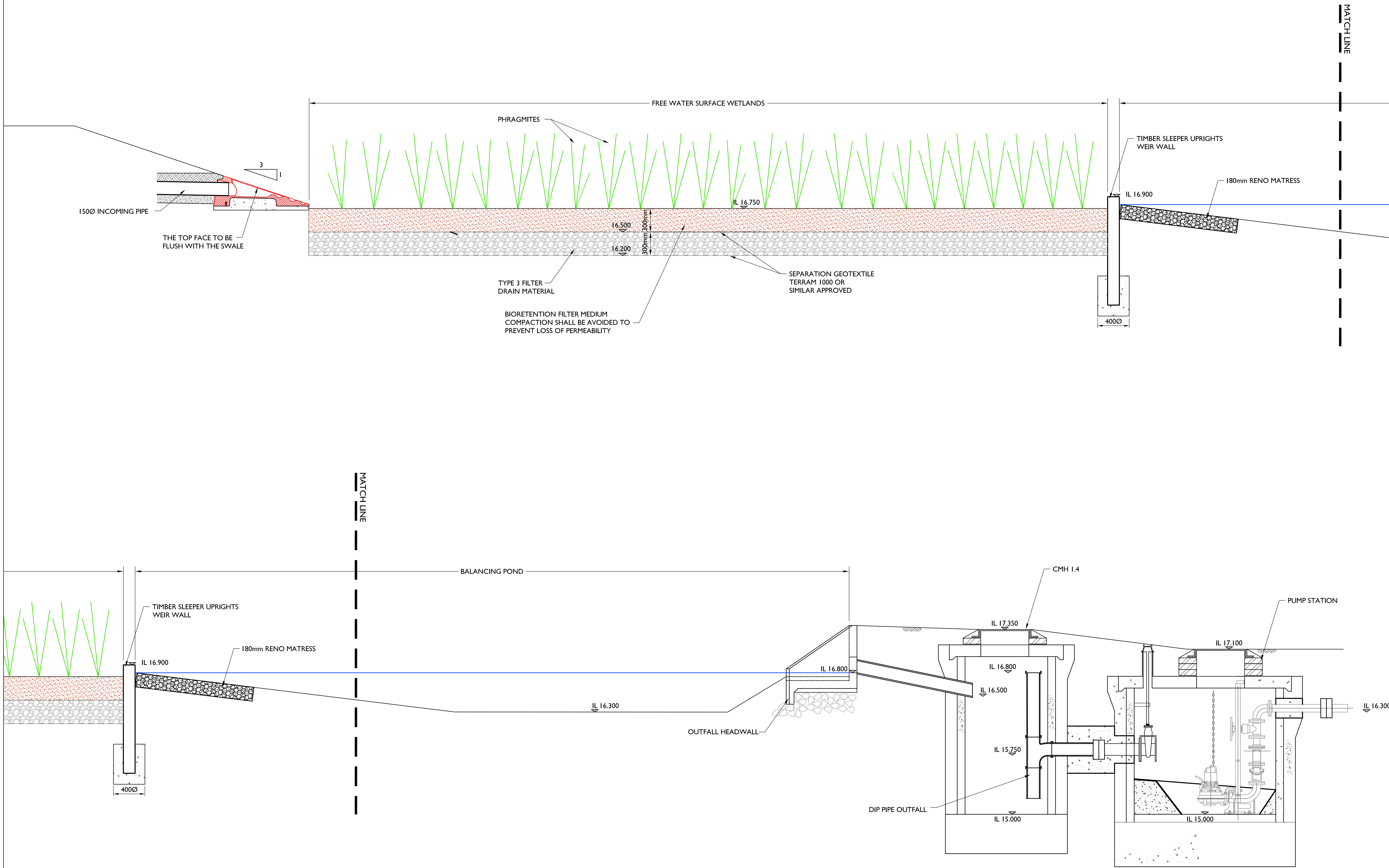




NOTES

- ALL LEVELS AS SHOWN ARE AS PER TOPOGRAPHICAL SURVEY.
- CONSTRUCTION AND TESTING OF DRAINS AND SEWERS TO COMPLY WITH BS EN 1610. CONTRACTOR SHALL NOTE THAT TOLERANCES OF + OR - 5% OF THE PIPES INTERNAL DIAMETER MUST BE ACHIEVED UP TO A MAXIMUM OF 20mm
- FOR MANHOLE CONSTRUCTION INFORMATION REFER TO STANDARD DETAILS DRAWINGS.
- PRECAST MANHOLES SHALL COMPLY WITH BS EN 1917
- POLYPROPYLENE CHAMBERS TO COMPLY WITH BS 7158.
- BRICKWORK CHAMBERS WILL TO BE CONSTRUCTED FROM CLASS B ENGINEERING BRICKS COMPLYING WITH BS 3921. BRICKS SHALL ALSO BE FROST-RESISTANT CATEGORY F.
- CLAY PIPES TO COMPLY TO BS EN 295
- CONCRETE PIPES TO COMPLY TO BS EN 1916
- TYPE OF PIPE "PERF" REFERS TO PERFORATED FILTER DRAINS TO COMPLY TO BS 4962.
- PLASTIC PIPE ALTERNATIVES IN NON-AGRESSIVE SOIL CONDITIONS PLASTIC PIPE ALTERNATIVES WILL BE DEEMED ACCEPTABLE. IF THE CONTRACTOR INTENDS TO USE PLASTIC PIPEWORK IN ACCORDANCE WITH BS 4660 - THE FOLLOWING STANDARDS WILL BE REQUIRED:
DRAINAGE CONNECTIONS OF LESS THAN 1500 SHALL BE SOLID WALL uPVC PIPES COMPLYING WITH BS EN 1401-1
PIPE SIZES 150-9000 (TO BE USED IN FOUL OR COMBINED FLOW DRAINAGE SYSTEMS) SHALL BE THERMOPLASTIC STRUCTURED WALL PIPE COMPLYING WITH WIS 4-35-01
PIPE SIZES 150-9000 (TO BE USED IN SURFACE WATER DRAINAGE SYSTEMS) SHALL BE THERMOPLASTIC STRUCTURED WALL PIPES WITH BBA & HAPAS ACCREDITATION.
THE CONTRACTOR SHALL SUBMIT DETAILS OF THE PROPOSED PLASTIC PRODUCTS FOR APPROVAL BY THE ENGINEER.
- THE CONTRACTOR SHALL ALSO NOTE THAT CONNECTIONS TO PUBLIC SEWERS & MATERIALS USED IS SUBJECT TO AGREEMENT WITH THE ADOPTING AUTHORITY AND THE CONTRACTOR SHALL THEREFORE ASSUME THAT TRADITIONAL MATERIALS MUST BE USED UNLESS EXPRESSLY INFORMED OTHERWISE.
- MOULDED PPIC BASES HAVE A CAST IN SLOPE OF 20mm ACROSS THE MAIN CHANNEL AND A STEP OF 75mm FROM THE MAIN CHANNEL TO INCOMING BRANCHES. WHERE PPIC MANHOLES ARE SHOWN, LEVELS HAVE BEEN CALCULATED TO REFLECT THE SLOPE / STEP AS NECESSARY.
- MOULDED MINI PPIC BASES HAVE A CAST IN SLOPE OF 10mm ACROSS THE MAIN CHANNEL AND A STEP OF 35mm FROM THE MAIN CHANNEL TO INCOMING BRANCHES. WHERE MINI PPIC MANHOLES ARE SHOWN, LEVELS HAVE BEEN CALCULATED TO REFLECT THE SLOPE / STEP AS NECESSARY.

REV	DESCRIPTION	BY	CHK	APR	DATE
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+44 (0)1244 956000 | www.jpstructural.co.uk | info@jpstructural.co.uk

PURPOSE OF ISSUE		PRELIMINARY		STATUS	P
PROJECT PROPOSED RESIDENTIAL DEVELOPMENT AT BANGOR ON DEE					
TITLE DRAINAGE SCHEME REED BED / POND DETAIL					
CLIENT MR RETIEF JORDAAN					
DRAWN BY SB		CHECKED BY RH		APPROVED BY JP	
DATE 18.06.2026		SCALE (@ A1) 1:25		PROJECT NUMBER 95033	
DRAWING NUMBER 0608				REV	P01