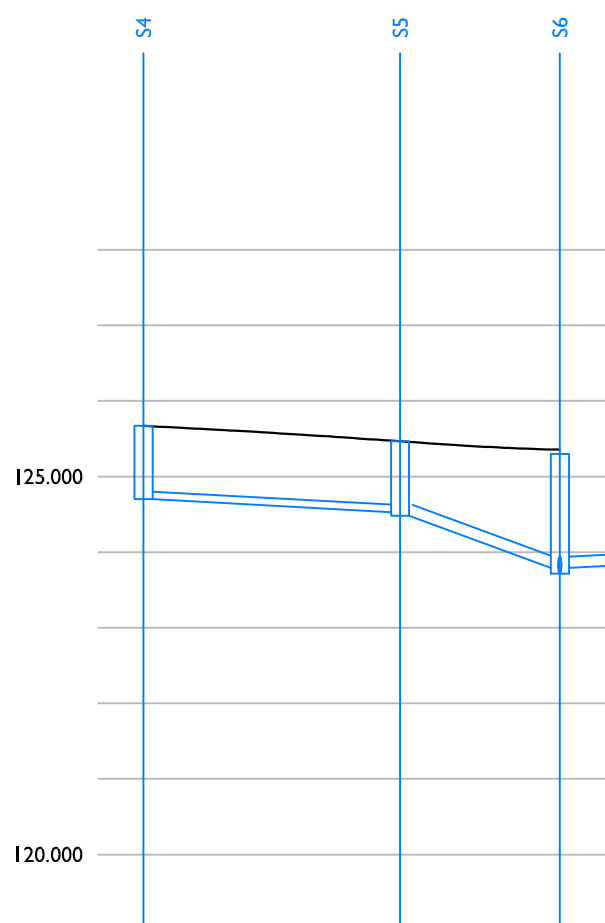
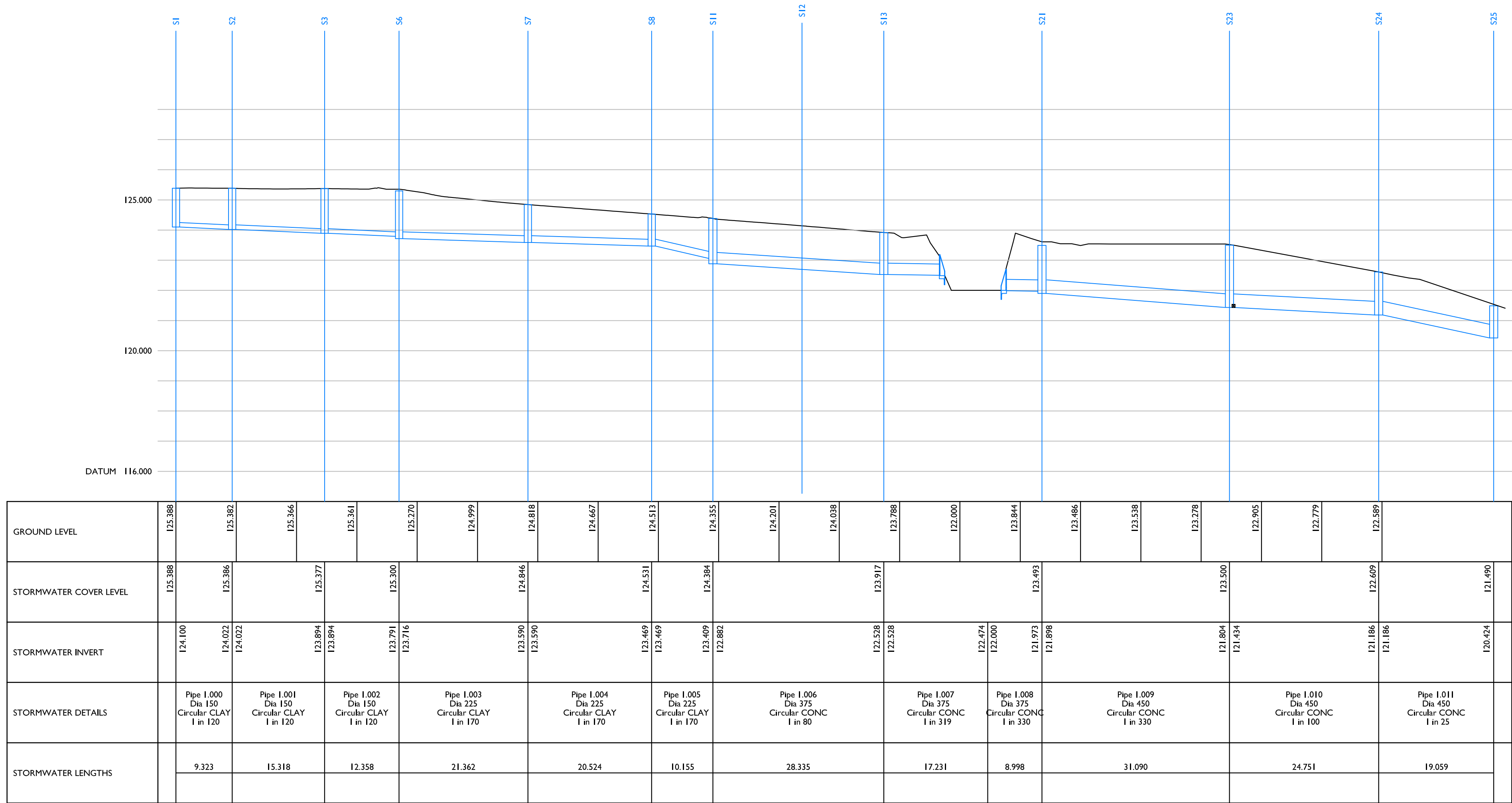
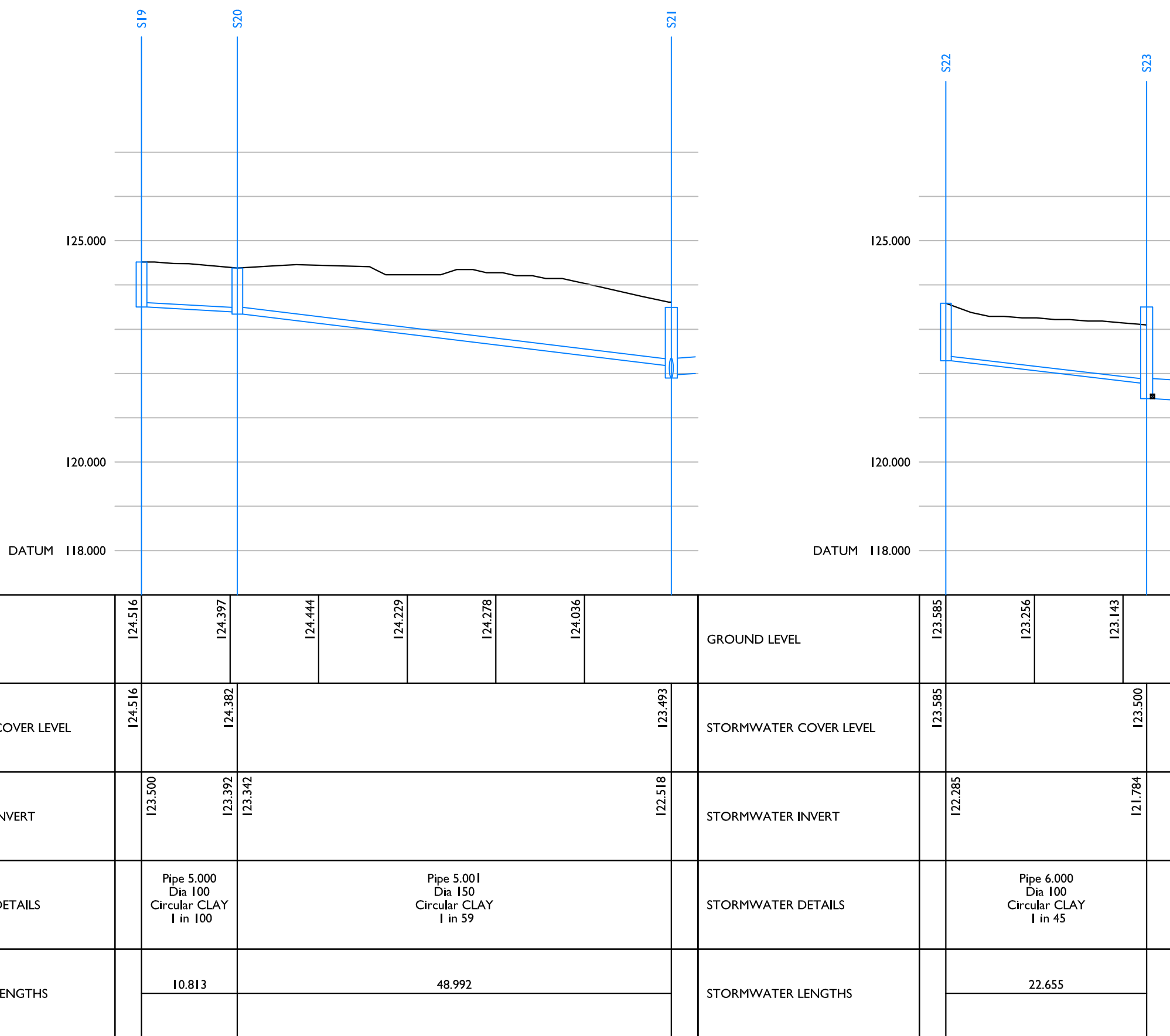
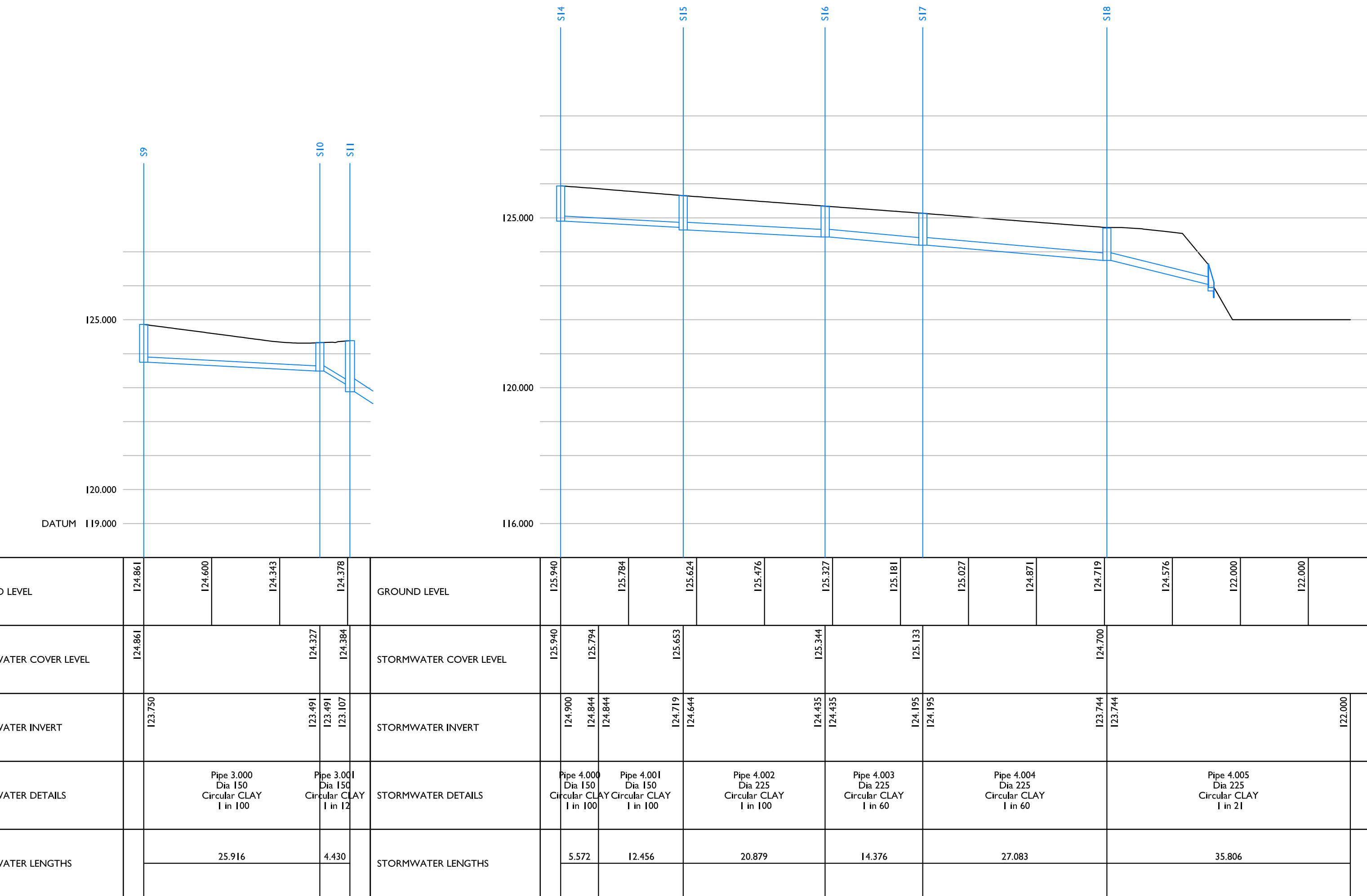




GROUND LEVEL	125.670	125.559	125.405	
STORMWATER COVER LEVEL	125.670	125.466	125.300	
STORMWATER INVERT	124.700	124.530 124.480	124.274	
STORMWATER DETAILS	Pipe 2.000 Dia 100 Circular CLAY 1 in 100	Pipe 2.001 Dia 150 Circular CLAY 1 in 100		
STORMWATER LENGTHS	16.968	10.566		



- 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 150Ø SHALL BE SOLID WALL uPVC PIPES COMPLYING WITH BS EN 1401-1

PIPE SIZES 150-900Ø (TO BE USED IN FOUL OR COMBINED FLOW DRAINAGE SYSTEMS) SHALL BE THERMOPLASTIC STRUCTURED WALL PIPE COMPLYING WITH WIS 4-35-01

PIPE SIZES 150-900Ø (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 20mm 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.

P02		DESIGN DEVELOPED		RH	MM	JP	18.03.21
REV		DESCRIPTION		BY	CHK	APR	DATE

PURPOSE OF ISSUE		STATUS					
PRELIMINARY		-					
PROJECT							
WYNNSTAY PARK RUABON							
TITLE							
DRAINAGE SCHEME SURFACE WATER LONGITUDINAL SECTIONS							
CLIENT							
DRAWN BY		CHECKED BY		APPROVED BY			
RH		MM		JP			
DATE		SCALE (@ A1)		PROJECT NUMBER			
08.03.2021		1:500H 1:100V		19010			
DRAWING NUMBER						REV	
506						P02	