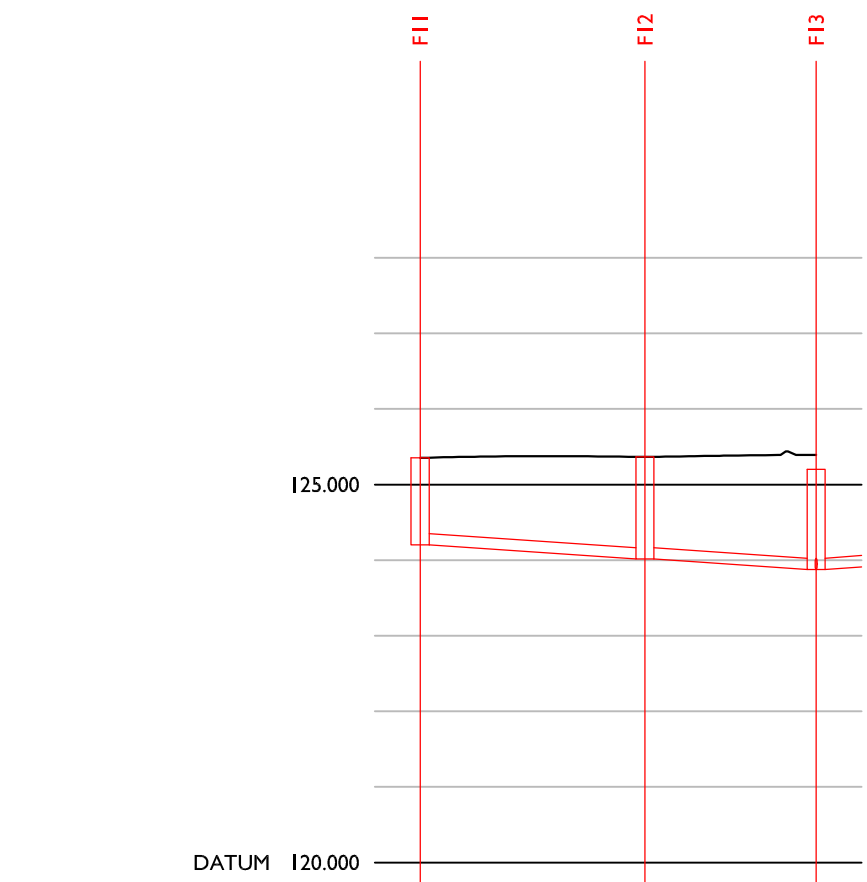




GROUND LEVEL	125.352	125.374	125.381	
FOULWATER COVER LEVEL	125.352	125.345	125.200	
FOULWATER INVERT	124.202	124.016	123.874	
FOULWATER DETAILS		Pipe 3.000 Dia 150 Circular CLAY 1 in 80	Pipe 3.001 Dia 150 Circular CLAY 1 in 80	
FOULWATER LENGTHS		14.869	11.325	

ALL LEVELS AS SHOWN ARE AS PER TOPOGRAPHICAL SURVEY.

2. 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

3. FOR MANHOLE CONSTRUCTION INFORMATION REFER TO STANDARD DETAILS DRAWINGS.

4. PRECAST MANHOLES SHALL COMPLY WITH BS EN 1917

5. POLYPROPYLENE CHAMBERS TO COMPLY WITH BS 7158.

6. BRICKWORK CHAMBERS WILL TO BE CONSTRUCTED FROM CLASS B ENGINEERING BRICKS COMPLYING WITH BS 3921. BRICKS SHALL ALSO BE FROST-RESISTANT CATEGORY F.

7. CLAY PIPES TO COMPLY TO BS EN 295

8. CONCRETE PIPES TO COMPLY TO BS EN 1916

9. TYPE OF PIPE "PER" REFERS TO PERFORATED FILTER DRAINS TO COMPLY TO BS 4962.

10. PLASTIC PIPE ALTERNATIVES IN NON-AGGRESSIVE 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:

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.

1. 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 EXPRESSIVELY INFORMED OTHERWISE.

2. 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.

3. 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

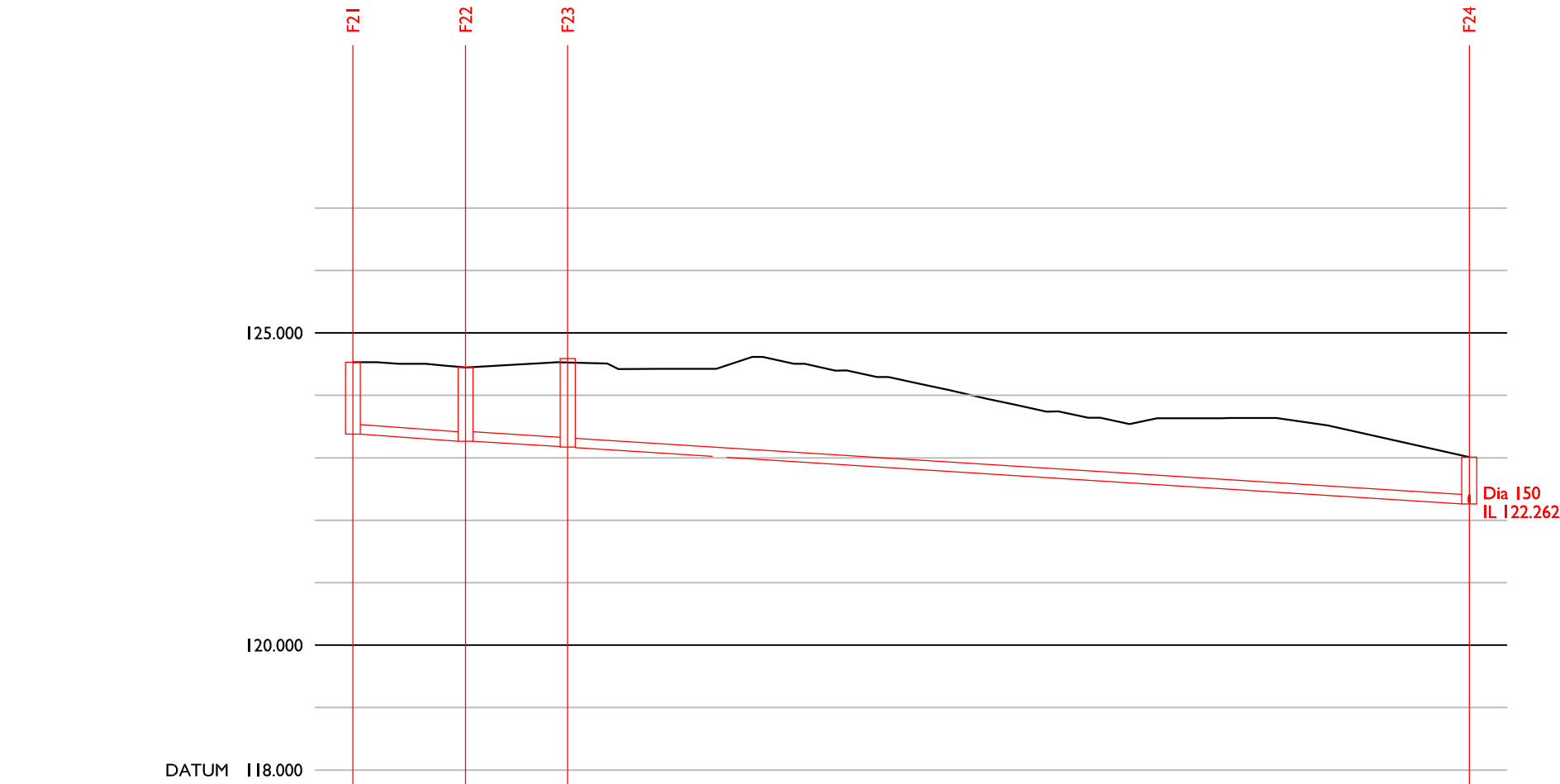


TITLE

DRAINAGE SCHEME
FOUL
LONGITUDINAL SECTIONS



DRAWING NUMBER	505	REV	P02
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GROUND LEVEL	124.530	124.458	124.511	124.485	124.377	123.980	123.633	123.635	123.452	
FOULWATER COVER LEVEL	124.530	124.447	123.387							123.013
FOULWATER INVERT	123.380 123.367 123.367	123.163 123.163								122.262
FOULWATER DETAILS	Pipe 4.000 Dia 150 Circular CLAY 1 in 80					Pipe 4.001 Dia 150 Circular CLAY 1 in 80				
FOULWATER LENGTHS	9.018	8.176				72.163				