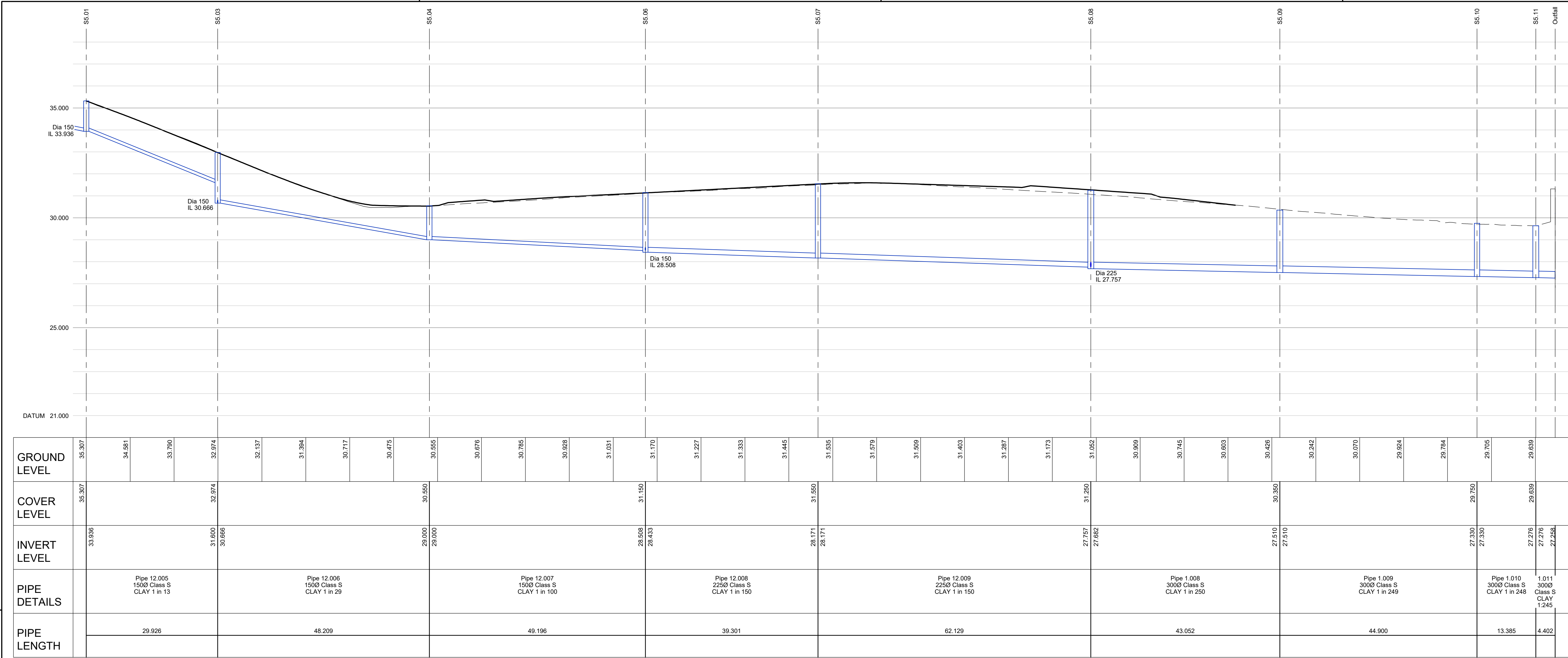




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- ### NOTES
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS.
 - ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
 - BEFORE STARTING ANY WORKS, CONTRACTOR TO CHECK INVERT LEVELS AND POSITIONS OF EXISTING DRAINS, SEWERS, INSPECTIONS CHAMBERS AND MANHOLES AGAINST INFORMATION SHOWN ON THIS DRAWING.
 - ROCKER PIPES ARE TO BE PROVIDED AT ALL CONCRETE CASED INTERFACES.
 - CLASS 2 CONCRETE SURROUND TO BE PROVIDED FOR PIPES WITH COVER LESS THAN 1.2m ABOVE THE CROWN OF THE PIPE FOR ROADS AND 0.8m FOR SOFT AND PEDESTRIAN AREAS ONLY AND UNDER ALL FOUNDATIONS AND WHERE PIPES LAID WITHIN 1m OF FOUNDATIONS.
 - CONNECTIONS TO EXISTING PUBLIC SEWERS IN ACCORDANCE WITH UNITED UTILITIES REQUIREMENTS, TO BE APPROVED / AGREED WITH THE WATER AUTHORITY.
 - PROPOSED COVER LEVELS ARE APPROXIMATE AND SHALL BE CHECKED BY THE CONTRACTOR ON SITE TO SUIT THE EXACT FINISHED LEVEL AND GRADIENT.
 - ALL DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY AND IN CONJUNCTION WITH ALL RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND SEWERS FOR ADOPTION 7th EDITION.
 - ACCESS COVERS AND FRAMES SHALL COMPLY WITH THE LOADINGS SPECIFIED AND TO BS EN 124
 - THE PROPOSED BUILDING LAYOUTS SHOWN ON THIS DRAWING ARE FOR INFORMATION ONLY. REFER TO ARCHITECTS PLANS FOR PRECISE LOCATION SETTING OUT INFORMATION AND DETAILS
 - ALL DRAINAGE PIPEWORK SHOWN SHALL BE 100mm DIAMETER FOR FOUL AND 150mm FOR SURFACE WATER UNLESS NOTED OTHERWISE. ALL DRAINAGE PIPEWORK SHALL BE LAID SOFFIT TO SOFFIT UNLESS OTHERWISE STATED.
 - ALL PRIVATE DRAINAGE PIPEWORK FOR FOUL AND SURFACE WATER SYSTEMS HAVE BEEN DESIGNED ON THE BASIS OF UPVC TO BS EN 1401-1, UNLESS NOTED OTHERWISE.
 - CONCRETE ENCASMENT OF THE PIPEWORK SHALL BE REQUIRED WHERE THE VERTICAL CLEARANCE BETWEEN TWO PIPES CROSSING IS LESS THAN 300mm.
 - ALL NEW DRAINAGE INSTALLATIONS TOGETHER WITH ANY EXISTING DRAINAGE RETAINED SHALL BE JETTED AND CCTV SURVEYED UPON COMPLETION CONTRACTOR TO ENSURE THAT THE DRAINAGE SYSTEM IS FULLY OPERATIONAL, FREE OF EXCESS DEBRIS/SILT AND ALL IDENTIFIED FAULTS RECTIFIED.

KEY:
--- EXISTING GROUND PROFILE
— PROPOSED GROUND PROFILE

MANHOLE SCHEDULE

Sheet 1 of 2

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
S5.00	36.000 1.830	1 0	1 12.003	34.020	150	450	D	D400
E. 384799.428 N. 399511.041			0 12.004	34.020	150			
S5.01	35.307 1.221	1 0	1 12.004	33.936	150	1200	C	D400
E. 384800.472 N. 399519.424			0 12.005	33.936	150			
S5.02	33.050 2.176	1 0	1 14.001	30.724	150	450	D	D400
E. 384769.988 N. 399520.045			0 14.002	30.724	150			
S5.03	32.974 2.158	2 1 0	1 14.002 2 12.005	30.666 31.600	150 150	1200	B	D400
E. 384771.282 N. 399526.021			0 12.006	30.666	150			
S5.04	30.550 1.400	1 0	1 12.006	29.000	150	1200	B	D400
E. 384724.098 N. 399535.909			0 12.007	29.000	150			
S5.05	31.320 2.424	1 0	1 16.011	28.746	150	600	D	D400
E. 384685.695 N. 399503.591			0 16.012	28.746	150			

MANHOLE SCHEDULE

Sheet 2 of 2

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
S5.06	31.150 2.492	2 1 0	1 16.012 2 12.007	28.508 28.508	150 150	1200	B	D400
E. 384680.271 N. 399513.561			0 12.008	28.433	225			
S5.07	31.550 3.154	1 0	1 12.008	28.171	225	1200	A	D400
E. 384645.762 N. 399494.752			0 12.009	28.171	225			
S5.08	31.250 3.268	2 1 0	1 1.007 2 12.009	27.757 27.757	225 225	1350	A	D400
E. 384591.210 N. 399465.019			0 1.008	27.682	300			
S5.09	30.350 2.540	1 0	1 1.008	27.510	300	1350	B	D400
E. 384553.441 N. 399444.356			0 1.009	27.510	300			
S5.10	29.750 2.120	1 0	1 1.009	27.330	300	1200	B	D400
E. 384514.464 N. 399422.066			0 1.010	27.330	300			
S5.11	29.639 2.063	1 0	1 1.010	27.276	300	1350	B	D400
E. 384506.391 N. 399411.390			0 1.011	27.276	300			

P01 12/09/25 FIRST ISSUE ARJ JAS
REV DATE DETAILS DRN CHK

DRAWING STATUS
PRELIMINARY

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STAGE 4

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DRAWN ARJ	DATE SEP 25	SCALES 1:200
CHECKED FAW	DATE SEP 25	THE ABOVE SCALES APPLY WHEN PLOTTED AT A1 SIZE --DO NOT SCALE--
APPRVD. JAS	DATE SEP 25	EMAIL FOR DRAWINGS info@roccoconsulting.com

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PROJECT TITLE
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DRAWING TITLE
**SURFACE WATER DRAINAGE
S104 LONG SECTION & SCHEDULE
DANTZIC STREET**
DRAWING No.
RDB/ROC/XX/XX/DR/C/83/0502
REV.
P01