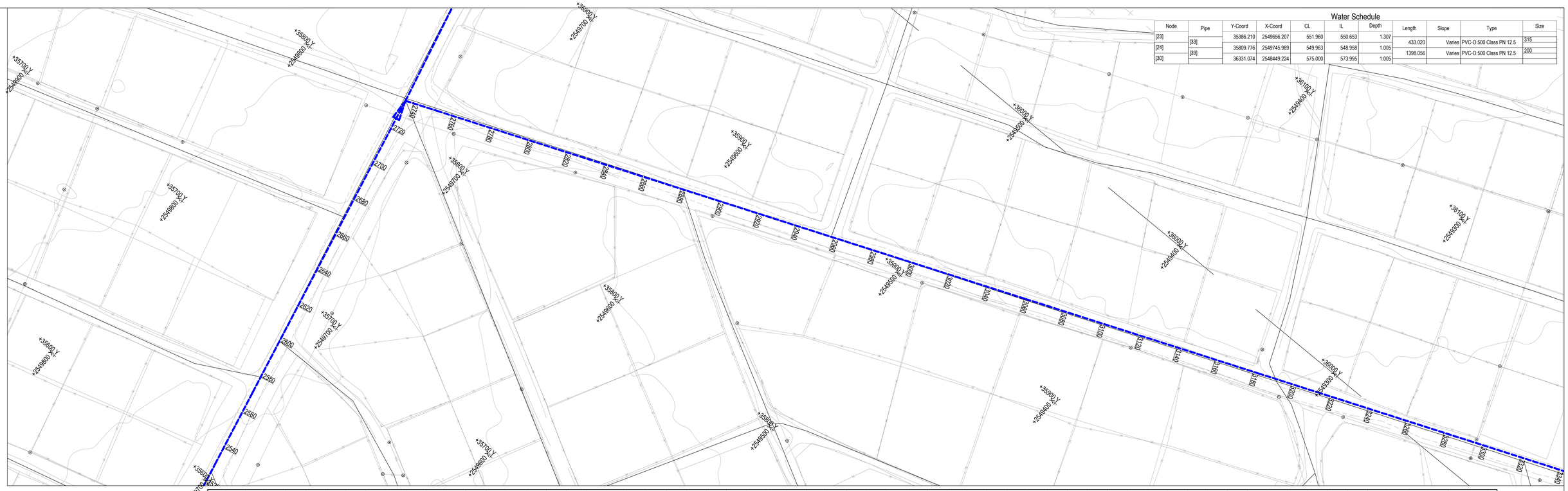
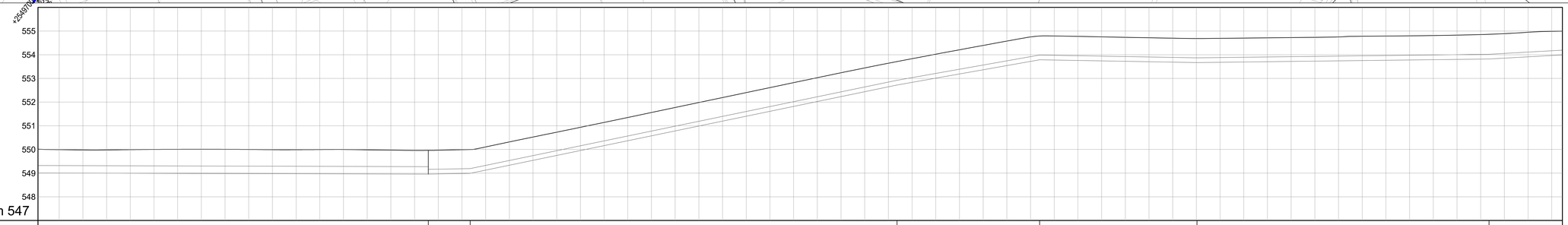


Water Schedule

Node	Pipe	Y-Coord	X-Coord	CL	IL	Depth	Length	Slope	Type	Size
[23]		35386.210	2549656.207	551.960	550.653	1.307				
	[33]						433.020	Varies	PVC-O 500 Class PN 12.5	315
[24]		35809.776	2549745.989	549.963	548.958	1.005				200
	[39]						1398.056	Varies	PVC-O 500 Class PN 12.5	
[30]		36331.074	2548449.224	575.000	573.995	1.005				



SCALES:
HORIZONTAL 1:1000
VERTICAL 1:100
Datum 547

Ground Level	550.012	549.963	549.997	553.728	554.791	554.675	554.826	554.998
Inlet Level / Outlet Level	549.007	548.958	548.958	548.991	552.721	553.786	553.670	553.821	553.993
Node Name		[24]							
Pipe Name	[33]	[39]							
Link Type / Link Size	PVC-O 500 Class PN 12.5 315	PVC-O 500 Class PN 12.5 200							
Length / Slope	164.743 m 0.029%	17.663 m 0.187%	180.219 m 2.070%	60.183 m 1.770%	66.432 m 0.175%	123.286 m 0.122%	30.970 m 0.556%	
Flow	39.374 l/s	20.000 l/s							
Velocity	0.560 m/s	0.705 m/s							
Pressure (bar)	4.016	4.004 4.004	3.996 3.996	3.583 3.583	3.462 3.462	3.456 3.456	3.408 3.408	3.383
Hydraulic Grade (m) / Head Loss	0.435 m	589.788	3.779 m						
Chainage	2571.058	2735.800	2753.464	2933.844	2993.818	3060.250	3183.536	3214.506

Node [23] to [24]

Rev.	Date	Description	Des.	Verif.	Appd
A	06/10/2025	ISSUED FOR INFORMATION			

VHEMBE DISTRICT MUNICIPALITY
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THOHOYANDOU
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Drawn EG	Date	
Checked SN	Date	
Designed SN	Date	
Verified SN	Date	
Approved SN		

Client: **VHEMBE DISTRICT MUNICIPALITY**

Project: **CONSULTANT FOR NANDONI RWS (CONSTRUCTION OF BULK WATER SUPPLY PIPELINE, STORAGE RESERVOIR, GRAVITY MAIN AND CONNECTION TO EXISTING SYSTEM AT MPHAMBO, MPHAMBO EXTENSION, XIGAMANE, AND MUSWANE VILLAGES)**

Title: **BULK MAIN LONGSECTION SHEET 5 OF 7**

Status: INFORMATION / TENDER / CONSTRUCTION / AS-BUILT

Datum	Date	Scale	Size
AMSL	06-10-2025	AS SHOWN	A1

Drawing Number: 175-PH2-WAT-304

Revision: 00