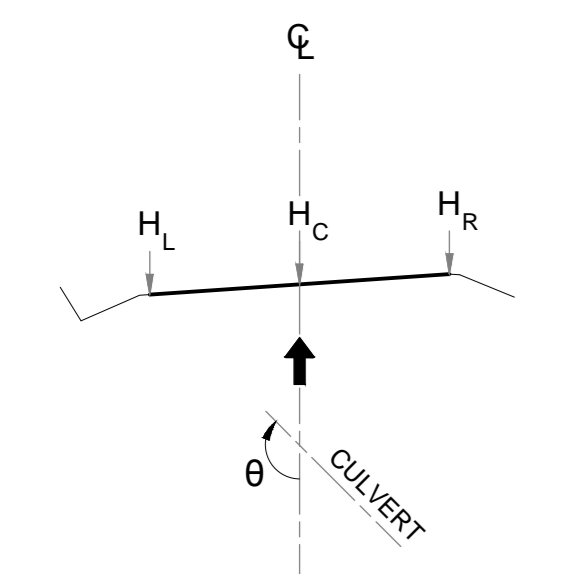


ALIGNMENT DATA: SILVER STREET						
SEGMENT	CHAINAGE	Y-COORD	X-COORD	RADIUS	D.A. / BEARING	LENGTH
L1	Km 0.000 to Km 0.179	-37958.298 -37990.406	2640190.241 2640069.826		227°39'00"	178.752 m
CURVE 4	BC: Km 0.179 EC: Km 0.274	BC: -37990.406 PI: -38028.684 EC: -38022.272	BC: 2640069.826 PI: 2640034.936 EC: 2639983.542	100.000 m	Δ: 54°45'40"	95.578 m
L2	Km 0.274 to Km 0.409	-38022.272 -38005.598	2639983.542 2639849.972		172°53'22"	134.705 m
CURVE 5	BC: Km 0.409 EC: Km 0.515	BC: -38005.598 PI: -37998.387 EC: -38045.109	BC: 2639849.972 PI: 2639792.071 EC: 2639757.284	100.000 m	Δ: 60°26'30"	105.490 m
L3	Km 0.515 to Km 0.694	-38045.109 -38189.265	2639757.284 2639649.953		233°19'50"	179.725 m

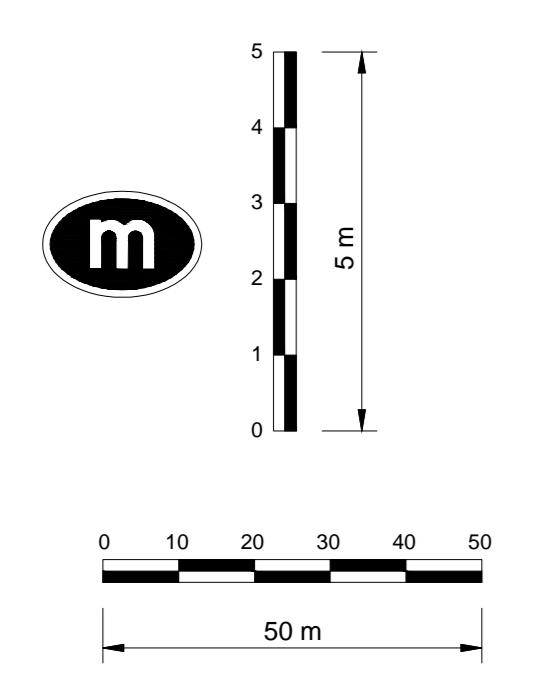
**CURVE 4**  
 R = 100.000  
 L = 95.578  
 Δ = 54°45'40"  
 PI Y = -38028.684  
 PI X = 2640034.936

**CURVE 5**  
 R = 100.000  
 L = 105.490  
 Δ = 60°26'30"  
 PI Y = -37998.387  
 PI X = 2639792.071

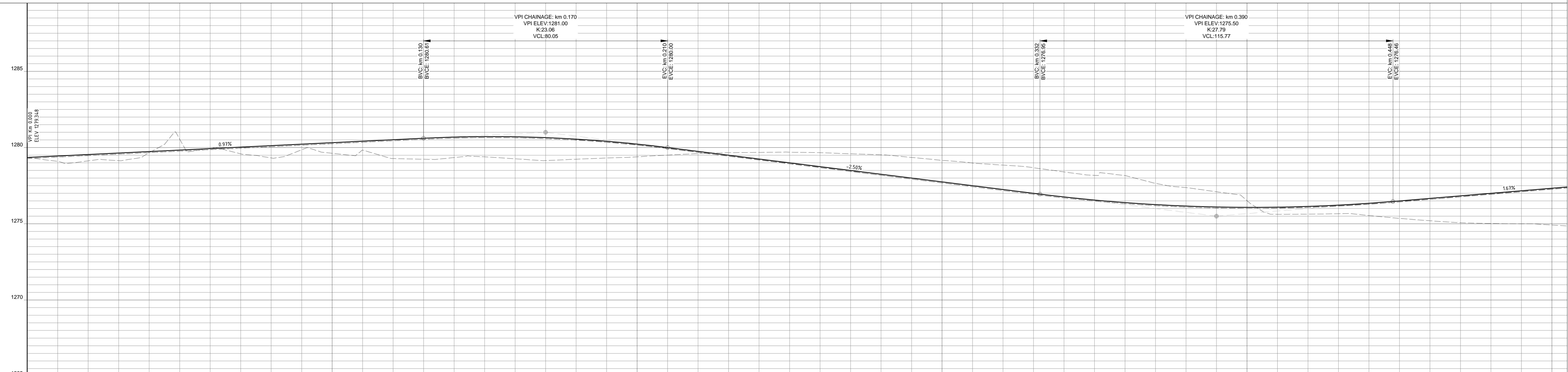


PROFILE OF GRADE LINE

SCALE:  
 HORIZONTAL 1:500  
 VERTICAL 1:100



DATUM 1265.000



VERTICAL CURVES		GRADE		0.97%		K=23.1		VCL=80 m		-2.50%		K=27.8		VCL=116 m		1.67%		
FINAL ROAD LEVELS	H <sub>L</sub>	LEFT	1279.348	1279.348	1279.348	1279.348	1279.348	1279.348	1279.348	1279.348	1279.348	1279.348	1279.348	1279.348	1279.348	1279.348	1279.348	
	H <sub>C</sub>	ON CL	1279.348	1279.446	1279.543	1279.641	1279.737	1279.834	1279.931	1280.028	1280.126	1280.223	1280.320	1280.417	1280.514	1280.611	1280.708	1280.805
	H <sub>R</sub>	RIGHT	1279.348	1279.446	1279.543	1279.641	1279.737	1279.834	1279.931	1280.028	1280.126	1280.223	1280.320	1280.417	1280.514	1280.611	1280.708	1280.805
SUPER ELEVATION				K=23.1		K=27.8		K=23.1		K=27.8		K=23.1		K=27.8				
GROUND LEVELS AT GRADE LINE				1279.348		1279.348		1279.348		1279.348		1279.348		1279.348		1279.348		
KILOMETER DISTANCE				0.000		0.010		0.020		0.030		0.040		0.050		0.060		
HORIZONTAL ALIGNMENT				STRAIGHT		R=100.00m		STRAIGHT		R=100.00m		STRAIGHT		R=100.00m				
DRAINAGE				KILOMETER DISTANCE		SIZE AND ANGLE												