

Escala: 1__700

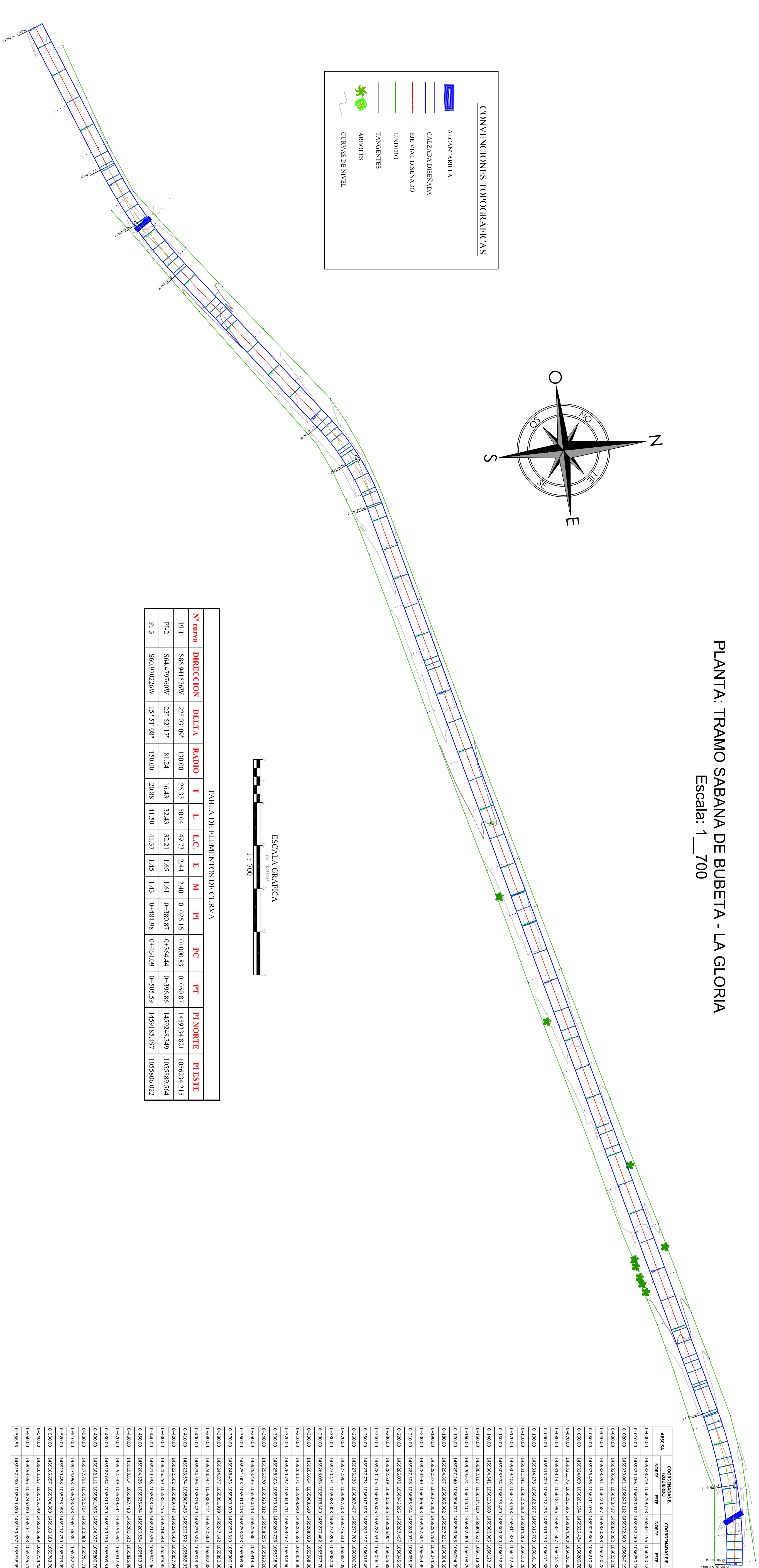
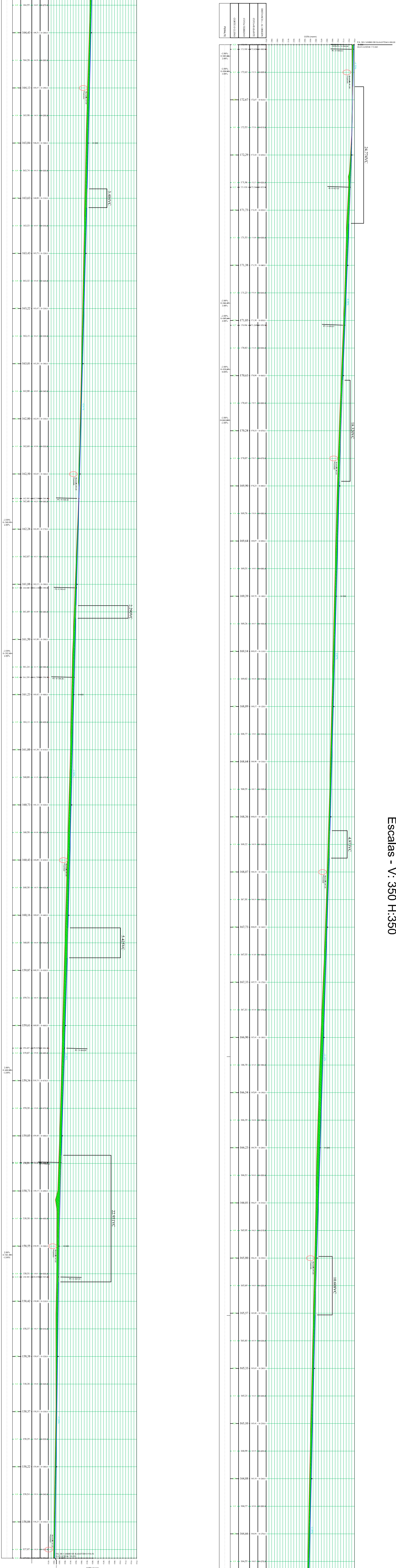


TABLA DE ELEMENTOS DE CURVA										
Nº curva	DELTA	RADIO	T	LC	E	M	PC	PT	PI	PT
P-1	586/541.576W	13000	25.53	50.04	4.93	2.40	0.002616	0.000813	0.650157	145935.8421
P-2	584/479700W	22-52-17"	81.24	16.43	32.43	32.21	1.05	1.61	0.380187	0.350144
P-3	586/970226W	15-51-08"	15000	30.88	41.40	41.37	1.45	1.43	0.484498	0.444149
								0.505139	145915.5497	1055806.622
										106262.2151




ESCALA GRAFICA

Perfil Longitudinal: SABANA DE BUBETA - LA GLORIA
Escalas - V: 350 H:350



CATERPILLAR COORDINATES DATA									
P.K.	Ordinate	Station	CHL	PR. PROF.	CHL	PR. PROF.	CHL	PR. PROF.	CHL
0+00+03	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+03
0+00+06	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+06
0+00+09	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+09
0+00+12	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+12
0+00+15	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+15
0+00+18	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+18
0+00+21	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+21
0+00+24	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+24
0+00+27	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+27
0+00+30	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+30
0+00+33	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+33
0+00+36	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+36
0+00+39	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+39
0+00+42	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+42
0+00+45	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+45
0+00+48	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+48
0+00+51	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+51
0+00+54	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+54
0+00+57	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+57
0+00+60	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+60
0+00+63	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+63
0+00+66	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+66
0+00+69	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+69
0+00+72	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+72
0+00+75	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+75
0+00+78	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+78
0+00+81	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+81
0+00+84	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+84
0+00+87	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+87
0+00+90	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+90
0+00+93	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+93
0+00+96	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+96
0+00+99	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+00+99
0+01+02	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+02
0+01+05	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+05
0+01+08	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+08
0+01+11	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+11
0+01+14	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+14
0+01+17	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+17
0+01+20	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+20
0+01+23	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+23
0+01+26	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+26
0+01+29	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+29
0+01+32	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+32
0+01+35	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+35
0+01+38	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+38
0+01+41	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+41
0+01+44	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+44
0+01+47	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+47
0+01+50	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+50
0+01+53	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+53
0+01+56	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+56
0+01+59	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+01+59
0+02+02	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+02
0+02+05	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+05
0+02+08	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+08
0+02+11	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+11
0+02+14	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+14
0+02+17	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+17
0+02+20	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+20
0+02+23	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+23
0+02+26	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+26
0+02+29	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+29
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0+02+35	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+35
0+02+38	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+38
0+02+41	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+41
0+02+44	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+44
0+02+47	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+47
0+02+50	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+50
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0+02+56	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+56
0+02+59	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+02+59
0+03+02	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+02
0+03+05	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+05
0+03+08	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+08
0+03+11	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+11
0+03+14	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+14
0+03+17	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+17
0+03+20	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+20
0+03+23	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+23
0+03+26	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+26
0+03+29	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+29
0+03+32	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+32
0+03+35	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+35
0+03+38	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+38
0+03+41	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+41
0+03+44	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+44
0+03+47	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+47
0+03+50	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+50
0+03+53	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+53
0+03+56	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+56
0+03+59	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+03+59
0+04+02	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+04+02
0+04+05	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+04+05
0+04+08	459131.31	105050.12	121.24	121.24	459131.31	105050.12	121.24	121.24	0+04+08</

<div>MUNICIPIO DE LA GLORIA DEPARTAMENTO CESAR</div> <div></div>																			
PROYECTO: MEJORAMIENTO MEDIANTE CONSTRUCCION DE PLACA HUELLO DE VIAS TERCARIAS DEL MUNICIPIO DE LA GLORIA - CESAR																			
PRESENTA: ALCALDIA MUNICIPAL DE LA GLORIA REPRESENTANTE LEGAL FERMIN AUGUSTO CRUZ QUINTERO ALCALDE MUNICIPAL																			
PRESENTADO A: Agencia de Renovación de Territorio - ART Obras por Impuestos																			
CONTIENE: PLANTA - PERFIL DISEÑO GEOMÉTRICO DEL TRAMO VEREDA SABANA DE BUBETA - LA GLORIA L = 556,56m																			
DISEÑO: ING. CARLOS F. GUTIERREZ RAMIREZ M.P. No. 54202-251171 NTS																			
REVISÓ: ING. CIVIL DANIS DAMIAN LAZARO ROBLETS M.P. No. 54202-353759 NTS																			
REVISIONES <table><thead><tr><th>REFERENCIA</th><th>FECHA</th><th>RESPONSABLE</th></tr></thead><tbody><tr><td>001</td><td>26/02/2018</td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>		REFERENCIA	FECHA	RESPONSABLE	001	26/02/2018													
REFERENCIA	FECHA	RESPONSABLE																	
001	26/02/2018																		
OBSERVACIONES: Diseños tomados de la resolución numero 0004401 del 17 de Octubre de 2017, por la cual se adopta la guía de diseño de pavimentos con placa huela, Ministerio de Transporte																			
ESCALAS: INDICADAS																			
FECHA: 26 DE FEBRERO DE 2018																			
DISEÑO GEOMÉTRICO 9 DE 19																			
APROBACION SECTORA DE PLANEACION Y OBRAS PUBLICAS LA GLORIA - CESAR																			