

OHARRAK :
NOTAS :

PUNTOS DE REPLANTEO				
VIA - 1				
Pk	X	Y	Z	
78+414,688	560.651,82918	4.793.433,80867	10,93	
78+442,595	560.676,24363	4.793.447,32470	10,93	
78+517,225	560.744,47088	4.793.477,40651	10,93	
78+524,284	560.751,14319	4.793.479,71274	10,93	
78+560,011	560.785,85239	4.793.487,99494	11,01	
78+588,716	560.814,39715	4.793.490,96306	11,13	
78+662,011	560.887,45302	4.793.496,88097	11,43	
78+713,331	560.938,69202	4.793.499,34540	11,69	
78+762,678	560.987,65670	4.793.493,83729	12,07	
78+800,992	561.024,71832	4.793.484,15692	12,37	
78+815,586	561.038,74352	4.793.480,12462	12,48	
78+826,156	561.048,92834	4.793.477,29758	12,56	
78+872,222	561.094,48293	4.793.471,24288	12,91	
78+872,223	561.094,48354	4.793.471,24287	12,91	

PUNTOS DE REPLANTEO				
VIA - 2				
Pk	X	Y	Z	
78+419,857	560.657,56465	4.793.433,24453	10,93	
78+436,057	560.671,67981	4.793.441,19413	10,93	
78+512,230	560.740,97964	4.793.472,63700	10,93	
78+536,530	560.764,08954	4.793.480,12449	10,94	
78+573,044	560.800,00581	4.793.486,41692	11,07	
78+610,246	560.837,08222	4.793.489,46969	11,22	
78+633,622	560.860,20283	4.793.492,81442	11,32	
78+636,733	560.863,24853	4.793.493,44827	11,33	
78+660,360	560.886,61936	4.793.496,81343	11,43	
78+660,360	560.886,61972	4.793.496,81346	11,43	

PUNTOS DE REPLANTEO				
VIA MANGO				
Pk	X	Y	Z	
0+000,000	560.741,51036	4.793.463,39079	10,93	
00+091,594	560.829,95812	4.793.485,57180	11,19	

PUNTOS DE REPLANTEO				
VIA COCHERAS-1				
Pk	X	Y	Z	
78+631,844	560.855,55740	4.793.487,67958	11,30	
78+648,359	560.871,83021	4.793.490,38465	11,36	
78+649,892	560.873,31622	4.793.490,75982	11,37	
78+669,640	560.892,82736	4.793.493,57624	11,50	
78+706,592	560.929,74977	4.793.495,03238	11,84	
78+731,866	560.954,86178	4.793.492,84324	11,90	
78+805,000	561.026,33797	4.793.477,35982	11,90	
78+805,000	561.026,33809	4.793.477,35979	11,90	

PUNTOS DE REPLANTEO				
VIA COCHERAS-2				
Pk	X	Y	Z	
78+689,418	560.912,06440	4.793.494,33490	11,68	
78+705,933	560.928,54515	4.793.493,62320	11,84	
78+715,373	560.937,91102	4.793.492,43937	11,89	
78+724,133	560.946,54229	4.793.490,96194	11,90	
78+804,999	561.025,57534	4.793.473,84153	11,90	
78+805,000	561.025,57623	4.793.473,84133	11,90	

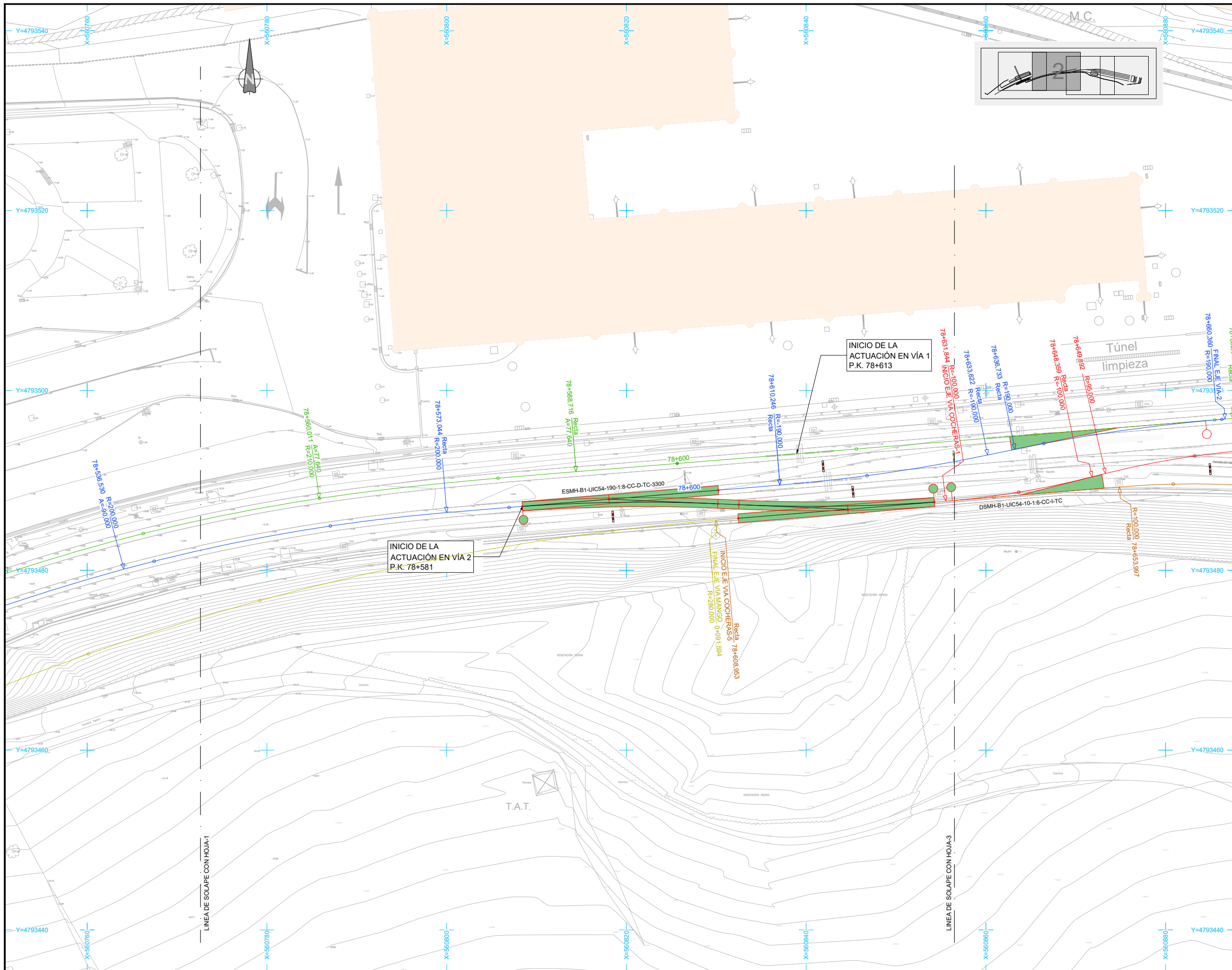
PUNTOS DE REPLANTEO				
VIA COCHERAS-3				
Pk	X	Y	Z	
78+670,039	560.892,12797	4.793.493,54866	11,50	
78+686,554	560.908,60871	4.793.492,83696	11,65	
78+711,874	560.933,72900	4.793.489,66180	11,88	
78+720,634	560.942,36027	4.793.488,18436	11,90	
78+804,999	561.024,81324	4.793.470,32312	11,90	
78+805,000	561.024,81399	4.793.470,32295	11,90	

PUNTOS DE REPLANTEO				
VIA COCHERAS-4				
Pk	X	Y	Z	
78+690,980	560.912,97348	4.793.492,28526	11,50	
78+707,495	560.929,11299	4.793.488,87382	11,65	
78+722,579	560.943,56338	4.793.484,54779	11,88	
78+730,334	560.951,07162	4.793.482,61378	11,90	
78+804,999	561.024,04393	4.793.466,80627	11,90	
78+805,000	561.024,04448	4.793.466,80615	11,90	

PUNTOS DE REPLANTEO				
VIA COCHERAS-5				
Pk	X	Y	Z	
78+608,953	560.829,95812	4.793.485,57180	11,19	
78+653,997	560.874,84974	4.793.489,26805	11,38	
78+683,544	560.904,22700	4.793.487,33850	11,60	
78+805,000	561.022,92937	4.793.461,62478	11,90	
78+805,000	561.022,92959	4.793.461,62473	11,90	

A	PRIMERA EMISION	Nov. 22	TYPSA	ETS
REV.	CLASE DE MODIFICACION	FECHA	NOMBRE	COMP. OBRA
BERRIKUSPENAK / REVISIONES				

AHOLKULARIA / CONSULTOR	INGENIARI EGILEA INGENIERO AUTOR
AHOLKULARIAREN ERREFERENTZIA REFERENCIA CONSULTOR	ERREFERENTZIA REFERENCIA
3-DT-22-009-A	



OHARRAK :
NOTAS :

PUNTOS DE REPLANTEO				
VIA - 1				
Pk	X	Y	Z	
78+414,688	560.651,82918	4.793.433,80867	10,93	
78+442,595	560.676,24363	4.793.447,32470	10,93	
78+517,225	560.744,47088	4.793.477,40651	10,93	
78+524,284	560.751,14319	4.793.479,71274	10,93	
78+560,011	560.785,85239	4.793.487,99494	11,01	
78+588,716	560.814,39715	4.793.490,96306	11,13	
78+662,011	560.887,45302	4.793.496,88097	11,43	
78+713,331	560.938,69202	4.793.499,34540	11,69	
78+762,678	560.987,65670	4.793.493,83729	12,07	
78+800,992	561.024,71832	4.793.484,15692	12,37	
78+815,586	561.038,74352	4.793.480,12462	12,48	
78+826,156	561.048,92834	4.793.477,29758	12,56	
78+872,222	561.094,48293	4.793.471,24288	12,91	
78+872,223	561.094,48354	4.793.471,24287	12,91	

PUNTOS DE REPLANTEO				
VIA - 2				
Pk	X	Y	Z	
78+419,857	560.657,56465	4.793.433,24453	10,93	
78+436,057	560.671,67981	4.793.441,19413	10,93	
78+512,230	560.740,97964	4.793.472,63700	10,93	
78+536,530	560.764,08954	4.793.480,12449	10,94	
78+573,044	560.800,00581	4.793.486,41692	11,07	
78+610,246	560.837,08222	4.793.489,46969	11,22	
78+633,622	560.860,20283	4.793.492,81442	11,32	
78+636,733	560.863,24853	4.793.493,44827	11,33	
78+660,360	560.886,61936	4.793.496,81343	11,43	
78+660,360	560.886,61972	4.793.496,81346	11,43	

PUNTOS DE REPLANTEO				
VIA MANGO				
Pk	X	Y	Z	
0+000,000	560.741,51036	4.793.463,39079	10,93	
00+091,594	560.829,95812	4.793.485,57180	11,19	

PUNTOS DE REPLANTEO				
VIA COCHERAS-1				
Pk	X	Y	Z	
78+631,844	560.855,55740	4.793.487,67958	11,30	
78+648,359	560.871,83021	4.793.490,38465	11,36	
78+649,892	560.873,31622	4.793.490,75982	11,37	
78+669,640	560.892,82736	4.793.493,57624	11,50	
78+706,592	560.929,74977	4.793.495,03238	11,84	
78+731,866	560.954,86178	4.793.492,84324	11,90	
78+805,000	561.026,33977	4.793.477,35962	11,90	
78+805,000	561.026,33809	4.793.477,35979	11,90	

PUNTOS DE REPLANTEO				
VIA COCHERAS-2				
Pk	X	Y	Z	
78+689,418	560.912,06440	4.793.494,33490	11,68	
78+705,933	560.928,54515	4.793.493,62320	11,84	
78+715,373	560.937,91102	4.793.492,43937	11,89	
78+724,133	560.946,54229	4.793.490,96194	11,90	
78+804,999	561.025,57534	4.793.473,84153	11,90	
78+805,000	561.025,57623	4.793.473,84133	11,90	

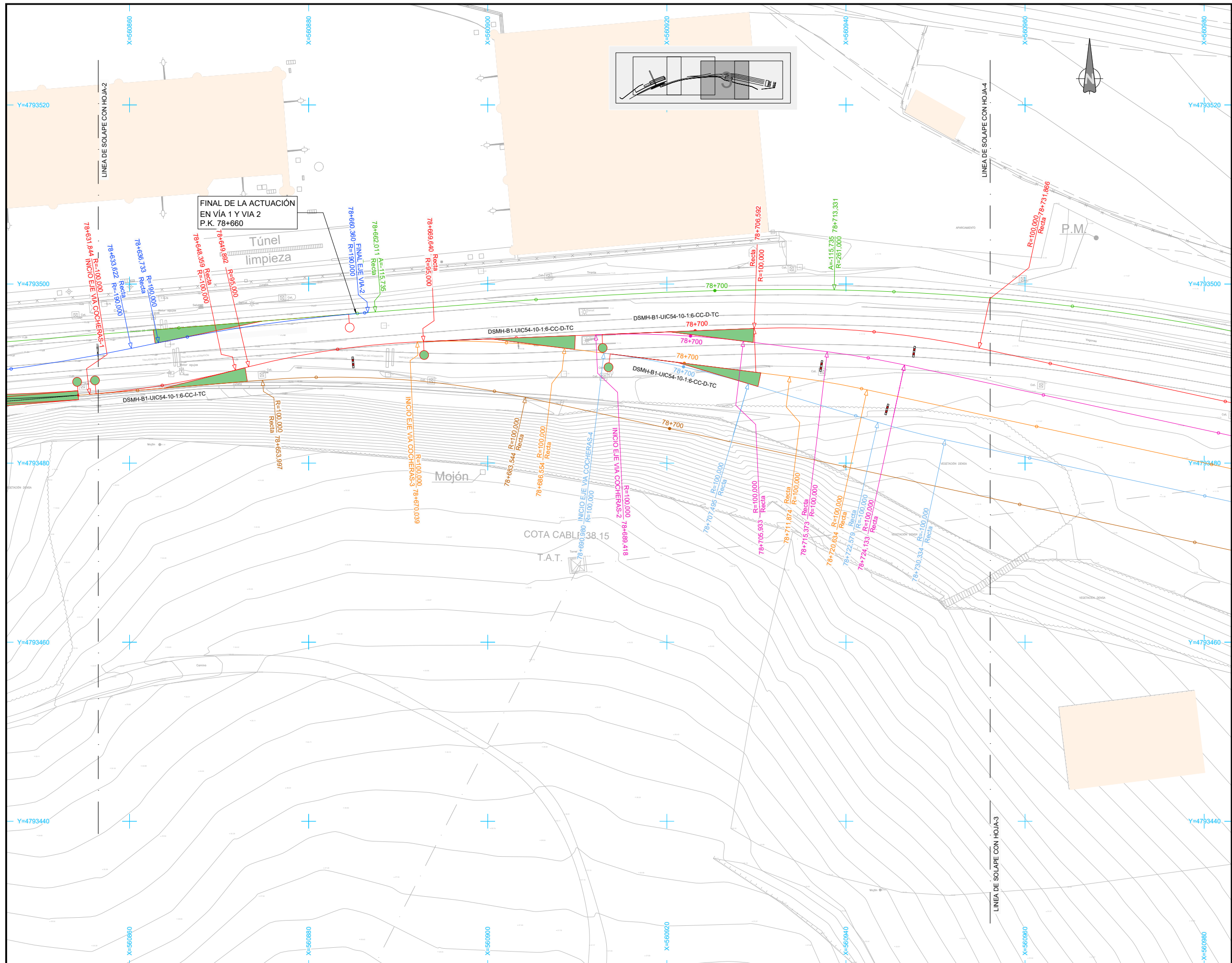
PUNTOS DE REPLANTEO				
VIA COCHERAS-3				
Pk	X	Y	Z	
78+670,039	560.892,12797	4.793.493,54866	11,50	
78+686,554	560.908,60871	4.793.492,83696	11,65	
78+711,874	560.933,72900	4.793.489,66180	11,88	
78+720,634	560.942,36027	4.793.488,18436	11,90	
78+804,999	561.024,81324	4.793.470,32312	11,90	
78+805,000	561.024,81399	4.793.470,32295	11,90	

PUNTOS DE REPLANTEO				
VIA COCHERAS-4				
Pk	X	Y	Z	
78+690,980	560.912,97348	4.793.492,28526	11,50	
78+707,495	560.929,11299	4.793.488,87382	11,65	
78+722,579	560.943,56338	4.793.484,54779	11,88	
78+730,334	560.951,07162	4.793.482,61378	11,90	
78+804,999	561.024,04393	4.793.466,80627	11,90	
78+805,000	561.024,04448	4.793.466,80615	11,90	

PUNTOS DE REPLANTEO				
VIA COCHERAS-5				
Pk	X	Y	Z	
78+608,953	560.829,95812	4.793.485,57180	11,19	
78+653,997	560.874,84974	4.793.489,26805	11,38	
78+683,544	560.904,22700	4.793.487,33850	11,60	
78+805,000	561.022,92937	4.793.461,62478	11,90	
78+805,000	561.022,92959	4.793.461,62473	11,90	

A	PRIMERA EMISION	Nov. 22	TYPSA	ETS
REV.	CLASE DE MODIFICACION	FECHA	NOMBRE	COMP. OBRA
BERRIKUSPENAK / REVISIONES				

AHOLKULARIA / CONSULTOR 	INGENIARI EGILEA INGENIERO AUTOR ALESANDER GALLASATEGUI URIARTE Ingeniero Caminos C.C. Y P.P. Col. N° 9.880
AHOLKULARIAREN ERREFERENTZIA REFERENCIA CONSULTOR	ERREFERENTZIA REFERENCIA
3-DTZ-22-010-A	



OHARRAK :
NOTAS :

PUNTOS DE REPLANTEO			
VIA - 1			
Pk	X	Y	Z
78+414,688	560.651,82918	4.793.433,80867	10,93
78+442,595	560.676,24363	4.793.447,32470	10,93
78+517,225	560.744,47088	4.793.477,40651	10,93
78+524,284	560.751,14319	4.793.479,71274	10,93
78+560,011	560.785,85239	4.793.487,99494	11,01
78+588,716	560.814,39715	4.793.490,96306	11,13
78+662,011	560.887,45302	4.793.496,88097	11,43
78+713,331	560.938,69202	4.793.499,34540	11,69
78+762,678	560.987,65670	4.793.493,83729	12,07
78+800,992	561.024,71832	4.793.484,15692	12,37
78+815,586	561.038,74352	4.793.480,12462	12,48
78+826,156	561.048,92834	4.793.477,29758	12,56
78+872,222	561.094,48293	4.793.471,24288	12,91
78+872,223	561.094,48354	4.793.471,24287	12,91

PUNTOS DE REPLANTEO			
VIA - 2			
Pk	X	Y	Z
78+419,857	560.657,56465	4.793.433,24453	10,93
78+436,057	560.671,67981	4.793.441,19413	10,93
78+512,230	560.740,97964	4.793.472,63700	10,93
78+536,530	560.764,08954	4.793.480,12449	10,94
78+573,044	560.800,00581	4.793.486,41692	11,07
78+610,246	560.837,08222	4.793.489,46969	11,22
78+633,622	560.860,20283	4.793.492,81442	11,32
78+636,733	560.863,24853	4.793.493,44827	11,33
78+660,360	560.886,61936	4.793.496,81343	11,43
78+660,360	560.886,61972	4.793.496,81346	11,43

PUNTOS DE REPLANTEO			
VIA MANGO			
Pk	X	Y	Z
0+000,000	560.741,51036	4.793.463,39079	10,93
00+091,594	560.829,95812	4.793.485,57180	11,19

PUNTOS DE REPLANTEO			
VIA COCHERAS-1			
Pk	X	Y	Z
78+631,844	560.855,55740	4.793.487,67958	11,30
78+648,359	560.871,83021	4.793.490,38465	11,36
78+649,892	560.873,31622	4.793.490,75982	11,37
78+669,640	560.892,82736	4.793.493,57624	11,50
78+706,592	560.929,74977	4.793.495,03238	11,84
78+731,866	560.954,86178	4.793.492,84324	11,90
78+805,000	561.026,33797	4.793.477,35962	11,90
78+805,000	561.026,33809	4.793.477,35979	11,90

PUNTOS DE REPLANTEO			
VIA COCHERAS-2			
Pk	X	Y	Z
78+689,418	560.912,06440	4.793.494,33490	11,68
78+705,933	560.928,54515	4.793.493,62320	11,84
78+715,373	560.937,91102	4.793.492,43937	11,89
78+724,133	560.946,54229	4.793.490,96194	11,90
78+804,999	561.025,57534	4.793.473,84153	11,90
78+805,000	561.025,57623	4.793.473,84133	11,90

PUNTOS DE REPLANTEO			
VIA COCHERAS-3			
Pk	X	Y	Z
78+670,039	560.892,12797	4.793.493,54866	11,50
78+686,554	560.908,60871	4.793.492,83696	11,65
78+711,874	560.933,72900	4.793.489,66180	11,88
78+720,634	560.942,36027	4.793.488,18436	11,90
78+804,999	561.024,81324	4.793.470,32312	11,90
78+805,000	561.024,81399	4.793.470,32295	11,90

PUNTOS DE REPLANTEO			
VIA COCHERAS-4			
Pk	X	Y	Z
78+690,980	560.912,97348	4.793.492,28526	11,50
78+707,495	560.929,11299	4.793.488,87382	11,65
78+722,579	560.943,56338	4.793.484,54779	11,88
78+730,334	560.951,07162	4.793.482,61378	11,90
78+804,999	561.024,04393	4.793.466,80627	11,90
78+805,000	561.024,04448	4.793.466,80615	11,90

PUNTOS DE REPLANTEO			
VIA COCHERAS-5			
Pk	X	Y	Z
78+608,953	560.829,95812	4.793.485,57180	11,19
78+653,997	560.874,84974	4.793.489,26805	11,38
78+683,544	560.904,22700	4.793.487,33850	11,60
78+805,000	561.022,92937	4.793.461,62478	11,90
78+805,000	561.022,92959	4.793.461,62473	11,90

REV.	PRIMERA EMISION	Nov. 22	TYPSA	ETS
REV.	CLASE DE MODIFICACION	FECHA	NOMBRE	COMP. OBRA

BERRIKUSPENAK / REVISIONES

AHOLKULARIA / CONSULTOR TYPSA	INGENIARI EGILEA INGENIERO AUTOR ALEXANDER GALLASTEGUIARTE Ingeniero Caminos C.C. Y P.P. Col. Nº 9.880
AHOLKULARIAREN ERREFERENTZIA REFERENCIA CONSULTOR	ERREFERENTZIA REFERENCIA

PLANOAREN IZENBURUA TITULO DEL PLANO TRAZADURA. OINPLANO DEFINIZIO GEOMETRIKOA ETA ZUINKETA TRAZADO. PLANTA DEFINICIÓN GEOMÉTRICA Y REPLANTEO	PLANO ZK. / N. PLANO 5.1 ORRIA / HOJA 3 Sigue 4
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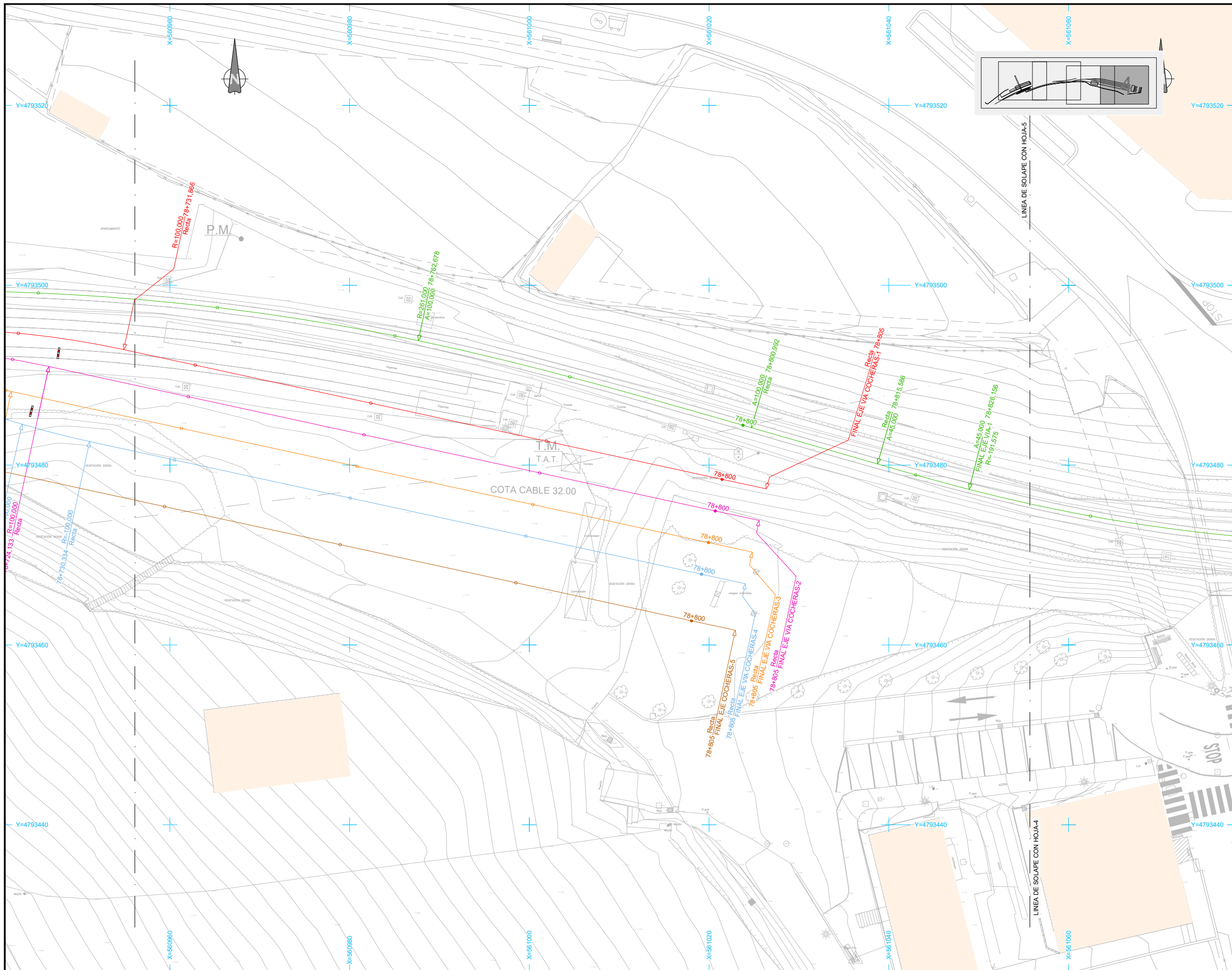
EUSKO JAURLARITZA **GOBIERNO VASCO**
LURRALDE PLANGINTZA, ETXEBIZITZA ETA GARRAIO SAILA
DEPARTAMENTO DE PLANIFICACIÓN TERRITORIAL, VIVIENDA Y TRANSPORTES

euskal trenbide sarea
PROIEKTUAREN IKUSKAPENA ETA ZUZENDARITZA
INSPECCIÓN Y DIRECCIÓN DEL PROYECTO

ESKALA ORIGINALA
ESCALA ORIGINAL 0 2 4 6 8 10 12 14 16 18 20
1:200
EN DIN A1
ESKALA GRAFIKOA
ESCALA GRAFICA

PROIEKTUAREN IZENBURUA
TITULO DEL PROYECTO
ZUMAIA TREN-BILTEGI BAT ERAIKITZEKO PROIEKTUA
PROYECTO CONSTRUCTIVO DE UN DEPÓSITO DE TRENS EN ZUMAIA

PLANOAREN IZENBURUA
TITULO DEL PLANO
TRAZADURA. OINPLANO
DEFINIZIO GEOMETRIKOA ETA ZUINKETA
TRAZADO. PLANTA
DEFINICIÓN GEOMÉTRICA Y REPLANTEO



OHARRAK :
NOTAS :

PUNTOS DE REPLANTEO				
VIA - 1				
Pk	X	Y	Z	
78+414,688	560.651,82918	4.793.433,80867	10,93	
78+442,595	560.676,24363	4.793.447,32470	10,93	
78+517,225	560.744,47088	4.793.477,40651	10,93	
78+524,284	560.751,14319	4.793.479,71274	10,93	
78+560,011	560.785,85239	4.793.487,99494	11,01	
78+588,716	560.814,39715	4.793.490,96306	11,13	
78+662,011	560.887,45302	4.793.496,88097	11,43	
78+713,331	560.938,69202	4.793.499,34540	11,69	
78+762,678	560.987,65670	4.793.493,83729	12,07	
78+800,992	561.024,71832	4.793.484,15692	12,37	
78+815,586	561.038,74352	4.793.480,12462	12,48	
78+826,156	561.048,92834	4.793.477,29758	12,56	
78+872,222	561.094,48293	4.793.471,24288	12,91	
78+872,223	561.094,48354	4.793.471,24287	12,91	

PUNTOS DE REPLANTEO				
VIA - 2				
Pk	X	Y	Z	
78+419,857	560.657,56465	4.793.433,24453	10,93	
78+436,057	560.671,67981	4.793.441,19413	10,93	
78+512,230	560.740,97964	4.793.472,63700	10,93	
78+536,530	560.764,08954	4.793.480,12449	10,94	
78+573,044	560.800,00581	4.793.486,41692	11,07	
78+610,246	560.837,08222	4.793.489,46969	11,22	
78+633,622	560.860,20283	4.793.492,81442	11,32	
78+636,733	560.863,24853	4.793.493,44827	11,33	
78+660,360	560.886,61936	4.793.496,81343	11,43	
78+660,360	560.886,61972	4.793.496,81346	11,43	

PUNTOS DE REPLANTEO				
VIA MANGO				
Pk	X	Y	Z	
0+000,000	560.741,51036	4.793.463,39079	10,93	
00+091,594	560.829,95812	4.793.485,57180	11,19	

PUNTOS DE REPLANTEO				
VIA COCHERAS-1				
Pk	X	Y	Z	
78+631,844	560.855,55740	4.793.487,67958	11,30	
78+648,359	560.871,83021	4.793.490,38465	11,36	
78+649,892	560.873,31622	4.793.490,75982	11,37	
78+669,640	560.892,82736	4.793.493,57624	11,50	
78+706,592	560.929,74977	4.793.495,03238	11,84	
78+731,866	560.954,86178	4.793.492,84324	11,90	
78+805,000	561.026,33797	4.793.477,35962	11,90	
78+805,000	561.026,33809	4.793.477,35979	11,90	

PUNTOS DE REPLANTEO				
VIA COCHERAS-2				
Pk	X	Y	Z	
78+689,418	560.912,06440	4.793.494,33490	11,68	
78+705,933	560.928,54515	4.793.493,62320	11,84	
78+715,373	560.937,91102	4.793.492,43937	11,89	
78+724,133	560.946,54229	4.793.490,96194	11,90	
78+804,999	561.025,57534	4.793.473,84153	11,90	
78+805,000	561.025,57623	4.793.473,84133	11,90	

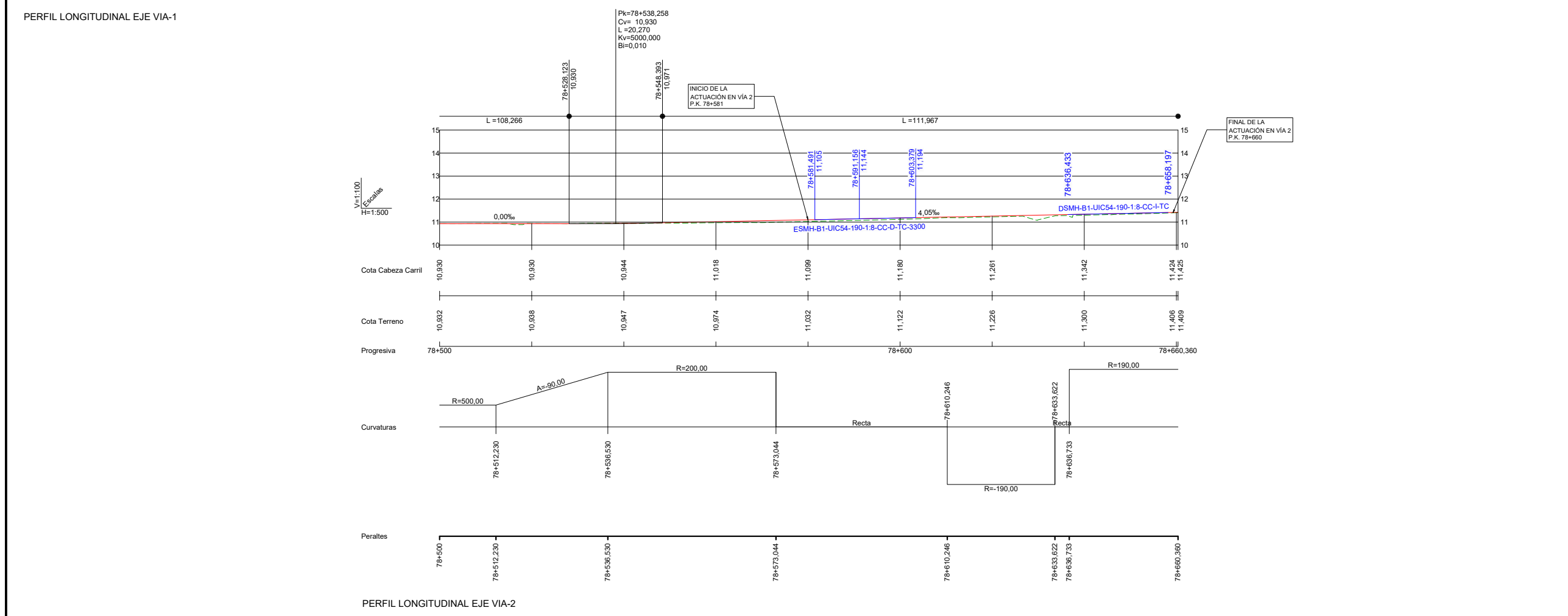
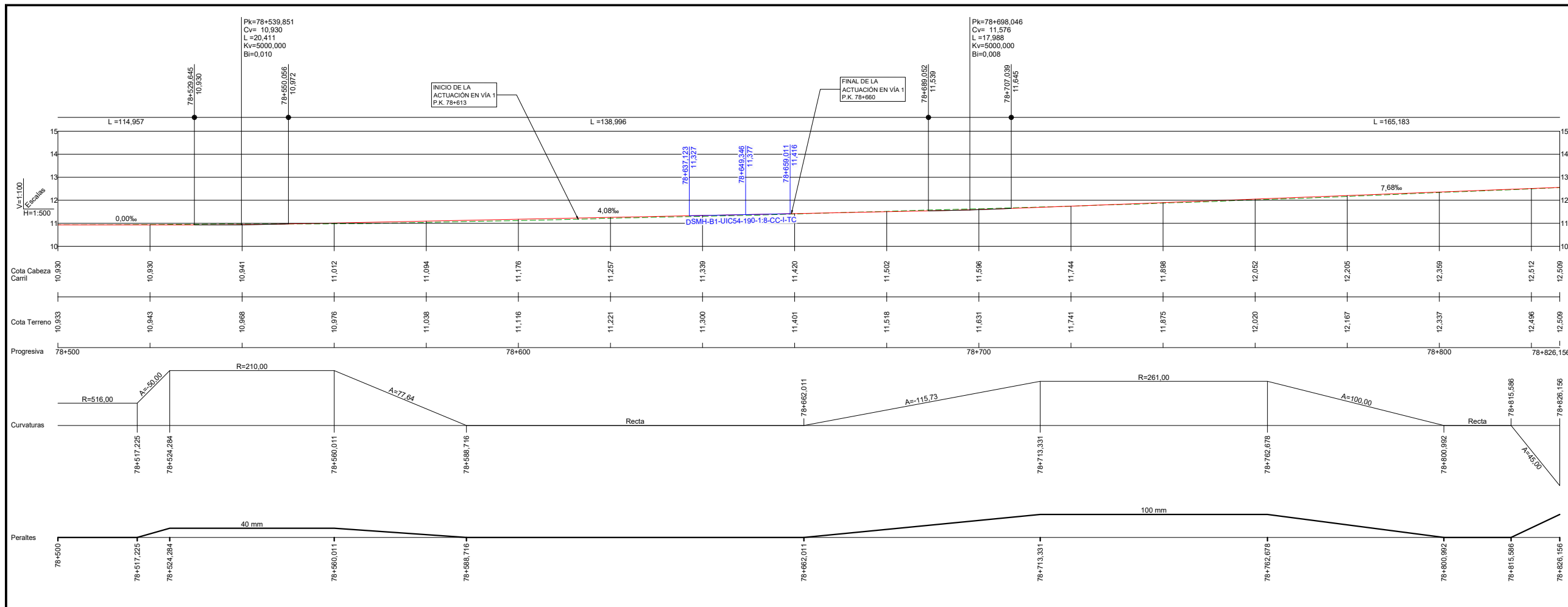
PUNTOS DE REPLANTEO				
VIA COCHERAS-3				
Pk	X	Y	Z	
78+670,039	560.892,12797	4.793.493,54866	11,50	
78+686,554	560.908,60871	4.793.492,83696	11,65	
78+711,874	560.933,72900	4.793.489,66180	11,88	
78+720,634	560.942,36027	4.793.488,18436	11,90	
78+804,999	561.024,81324	4.793.470,32312	11,90	
78+805,000	561.024,81399	4.793.470,32295	11,90	

PUNTOS DE REPLANTEO				
VIA COCHERAS-4				
Pk	X	Y	Z	
78+690,980	560.912,97348	4.793.492,28526	11,50	
78+707,495	560.929,11299	4.793.488,87382	11,65	
78+722,579	560.943,56338	4.793.484,54779	11,88	
78+730,334	560.951,07162	4.793.482,61378	11,90	
78+804,999	561.024,04393	4.793.466,80627	11,90	
78+805,000	561.024,04448	4.793.466,80615	11,90	

PUNTOS DE REPLANTEO				
VIA COCHERAS-5				
Pk	X	Y	Z	
78+608,953	560.829,95812	4.793.485,57180	11,19	
78+653,997	560.874,84974	4.793.489,26805	11,38	
78+683,544	560.904,22700	4.793.487,33850	11,60	
78+805,000	561.022,92937	4.793.461,62478	11,90	
78+805,000	561.022,92959	4.793.461,62473	11,90	

REV.	PRIMERA EMISION	Nov. 22	TYPSA	ETS
	CLASE DE MODIFICACION	FECHA	NOMBRE	COMP. OBRA

BERRIKUSPENAK / REVISIONES	
AHOLKULARIA / CONSULTOR	INGENIARI EGILEA INGENIERO AUTOR
AHOLKULARIAREN ERREFERENTZIA REFERENCIA CONSULTOR	ERREFERENTZIA REFERENCIA
3-DTZ-22-012-A	



OHARRAK :
NOTAS :

PUNTOS DE REPLANTEO				
VIA-1				
PK	X	Y	Z	
78+414,688	560.651,82918	4.793.433,80867	10,93	
78+529,645	560.756,25380	4.793.481,33031	10,93	
78+539,851	560.766,09051	4.793.484,04713	10,94	
78+550,056	560.776,04661	4.793.486,28266	10,97	
78+689,052	560.914,42372	4.793.498,81891	11,54	
78+698,046	560.923,40906	4.793.499,20955	11,58	
78+707,039	560.932,40012	4.793.499,38268	11,65	
78+872,222	561.094,48293	4.793.471,24288	12,91	

PUNTOS DE REPLANTEO				
VIA-2				
PK	X	Y	Z	
78+419,857	560.657,56465	4.793.433,24453	10,93	
78+528,123	560.756,02040	4.793.477,76669	10,93	
78+538,258	560.765,75922	4.793.480,56938	10,94	
78+548,393	560.775,62455	4.793.482,88704	10,97	
78+660,360	560.886,61936	4.793.496,81343	11,43	

PUNTOS DE REPLANTEO				
VIA-MANGO				
PK	X	Y	Z	
0+000,000	560.741,51036	4.793.463,39	10,93000	
00+017,055	560.757,35374	4.793.469,70	10,93000	
00+027,232	560.766,98045	4.793.473,00	10,94000	
00+037,409	560.776,72070	4.793.475,94	10,97100	
00+091,594	560.829,95763	4.793.485,57	11,19200	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-1				
PK	X	Y	Z	
78+631,844	560.855,55740	4.793.487,67958	11,30	
78+654,538	560.877,84736	4.793.491,78652	11,39	
78+659,724	560.882,95701	4.793.492,66949	11,42	
78+664,910	560.888,10721	4.793.493,27225	11,46	
78+705,603	560.928,76201	4.793.494,99342	11,84	
78+712,554	560.935,71108	4.793.495,08964	11,88	
78+719,505	560.942,65019	4.793.494,70786	11,90	
78+805,000	561.026,33797	4.793.477,35982	11,90	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-2				
PK	X	Y	Z	
78+689,418	560.912,06440	4.793.494,33490	11,68	
78+705,812	560.928,42522	4.793.493,63829	11,83	
78+712,833	560.935,39081	4.793.492,75792	11,88	
78+719,854	560.942,34232	4.793.491,77810	11,90	
78+804,999	561.025,57534	4.793.473,84153	11,90	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-3				
PK	X	Y	Z	
78+670,039	560.892,12797	4.793.493,54866	11,50	
78+706,105	560.928,00552	4.793.490,38524	11,83	
78+713,137	560.934,98097	4.793.489,49551	11,88	
78+720,168	560.941,90497	4.793.488,28188	11,90	
78+804,999	561.024,81324	4.793.470,32312	11,90	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-4				
PK	X	Y	Z	
78+690,980	560.912,97348	4.793.492,28526	11,69	
78+705,903	560.927,58442	4.793.489,31820	11,83	
78+712,996	560.934,38302	4.793.487,29612	11,88	
78+720,090	560.941,17902	4.793.485,26159	11,90	
78+804,999	561.024,04393	4.793.466,80627	11,90	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-5				
PK	X	Y	Z	
78+608,953	560.829,95812	4.793.485,57	11,19200	
78+656,552	560.877,39899	4.793.489,45	11,38600	
78+661,481	560.882,32498	4.793.489,60	11,41200	
78+666,410	560.887,25274	4.793.489,52	11,45000	
78+709,639	560.929,73002	4.793.481,81	11,83900	
78+716,389	560.936,32701	4.793.480,38	11,88500	
78+723,139	560.942,92400	4.793.478,96	11,90000	
78+805,000	561.022,92937	4.793.461,62	11,90000	

A	PRIMERA EMISION	Nov. 22	TYPSA	ETS
REV.	CLASE DE MODIFICACION	FECHA	NOMBRE	COMP. OBRA
BERRIKUSPENAK / REVISIONES				

AHOLKULARIA / CONSULTOR TYPSA	INGENIARI EGILEA INGENIERO AUTOR ALEXANDER GALLASTEGUI URIARTE Ingeniero Caminos C.C. Y P.P. Col. N.º 9.880
AHOLKULARIAREN ERREFERENTZIA REFERENCIA CONSULTOR	ERREFERENTZIA REFERENCIA

3-DTZ-22-013-A

EUSKO JAURLARITZA **GOBIERNO VASCO**

LURRALDE PLANGINTZA, ETXEBIZITZA ETA GARRAIO SAILA

DEPARTAMENTO DE PLANIFICACION TERRITORIAL, VIVIENDA Y TRANSPORTES

ets euskal trenbide sarea

PROIEKTUAREN IKUSKAPENA ETA ZUZENDARITZA
INSPECCION Y DIRECCION DEL PROYECTO

ESKALA ORIGINALA
ESCALA ORIGINAL 0 5 10 15 20 25 30 35 40 45 50

V 1:100
H 1:500
EN DIN A1

ESKALA GRAFIKOA
ESCALA GRAFICA

PROIEKTUAREN IZENBURUA
TITULO DEL PROYECTO

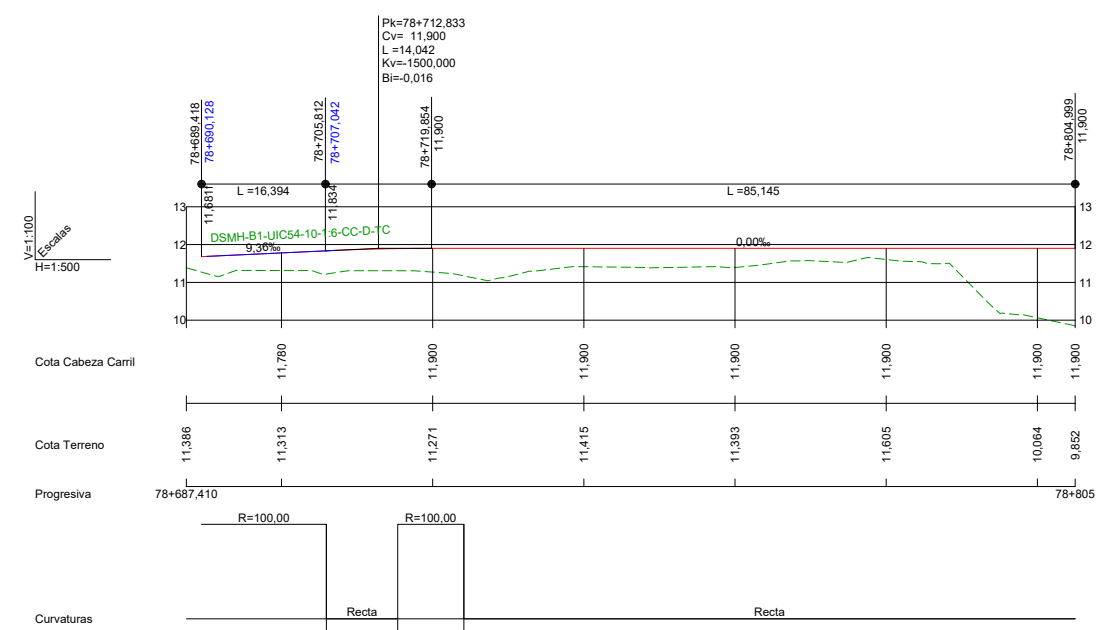
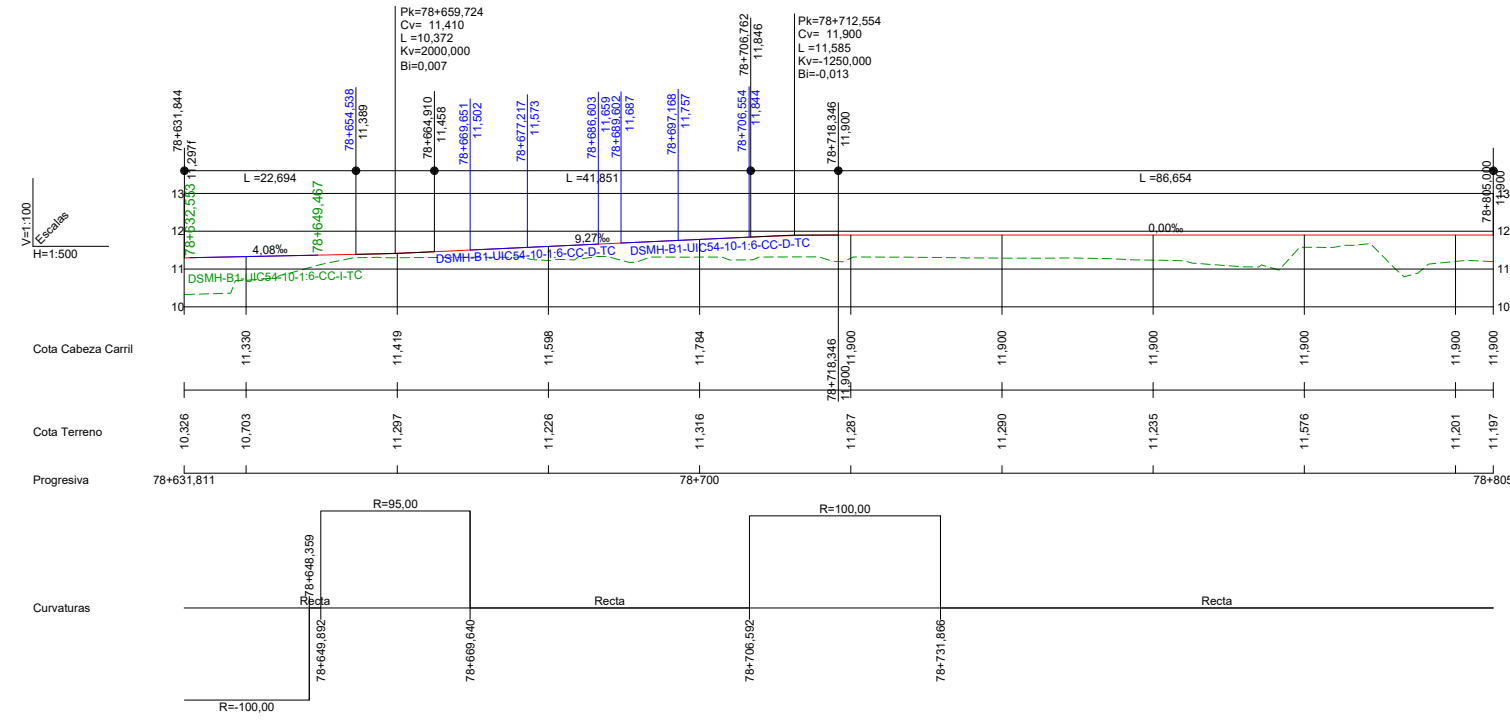
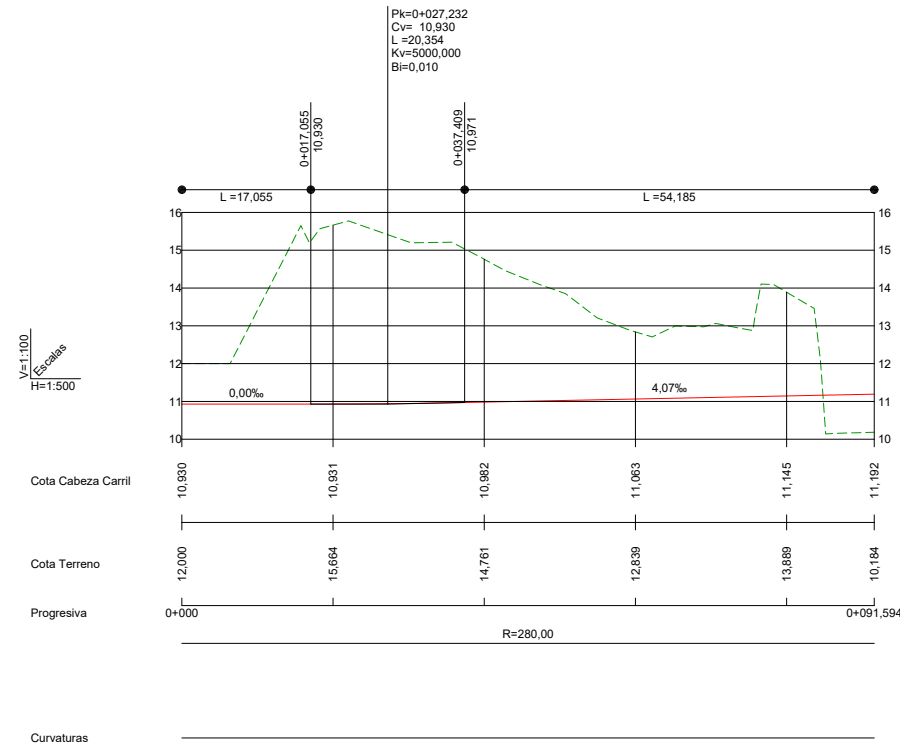
ZUMAIAIN TREN-BILTEGI BAT ERAIKITZEKO PROIEKTUA
PROYECTO CONSTRUCTIVO DE UN DEPÓSITO DE TRENES EN ZUMAIA

PLANOAREN IZENBURUA
TITULO DEL PLANO

TRAZADURA .LJUZETARAKO PROFILAK
TRAZADO. PERFILES LONGITUDINALES

PLANO ZK. / N. PLANO
5.2

ORRIA / HOJA
1 Sigue 2



OHARRAK :
NOTAS :

PUNTOS DE REPLANTEO				
VIA-1				
PK	X	Y	Z	
78+414,688	560.651,82918	4.793.433,80867	10,93	
78+529,645	560.756,25380	4.793.481,33031	10,93	
78+539,851	560.766,09051	4.793.484,04713	10,94	
78+550,056	560.776,04661	4.793.486,28266	10,97	
78+689,052	560.914,42372	4.793.488,81891	11,54	
78+698,046	560.923,40906	4.793.499,20955	11,58	
78+707,039	560.932,40012	4.793.499,38268	11,65	
78+872,222	561.094,48293	4.793.471,24288	12,91	

PUNTOS DE REPLANTEO				
VIA-2				
PK	X	Y	Z	
78+419,857	560.657,56465	4.793.433,24453	10,93	
78+528,123	560.756,02040	4.793.477,76669	10,93	
78+538,258	560.765,75922	4.793.480,56938	10,94	
78+548,393	560.775,62455	4.793.482,88704	10,97	
78+660,360	560.886,61936	4.793.496,81343	11,43	

PUNTOS DE REPLANTEO				
VIA-MANGO				
PK	X	Y	Z	
0+000,000	560.741,51036	4.793.463,39	10,93000	
00+017,055	560.757,35374	4.793.469,70	10,93000	
00+027,232	560.766,98045	4.793.473,00	10,94000	
00+037,409	560.776,72070	4.793.475,94	10,97100	
00+091,594	560.829,95763	4.793.485,57	11,19200	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-1				
PK	X	Y	Z	
78+631,844	560.855,55740	4.793.487,67958	11,30	
78+654,538	560.877,84736	4.793.491,78662	11,39	
78+659,724	560.882,95701	4.793.492,66949	11,42	
78+664,910	560.888,10721	4.793.493,27225	11,46	
78+705,603	560.928,76201	4.793.494,99342	11,84	
78+712,554	560.935,71108	4.793.495,08964	11,88	
78+719,505	560.942,65019	4.793.494,70786	11,90	
78+805,000	561.026,33797	4.793.477,35982	11,90	

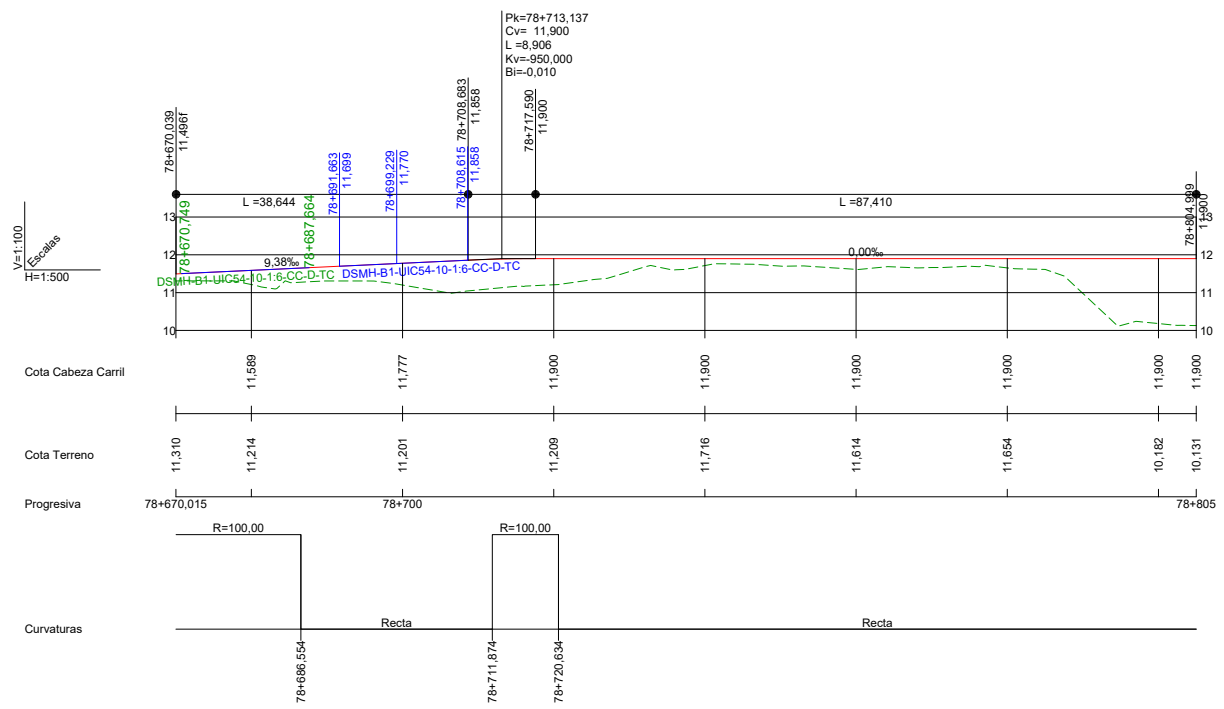
PUNTOS DE REPLANTEO				
VIA-COCHERAS-2				
PK	X	Y	Z	
78+689,418	560.912,06440	4.793.494,33490	11,68	
78+705,812	560.928,42522	4.793.493,63829	11,83	
78+712,833	560.935,39081	4.793.492,75792	11,88	
78+719,854	560.941,90497	4.793.491,77810	11,90	
78+804,999	561.025,57534	4.793.473,84153	11,90	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-3				
PK	X	Y	Z	
78+670,039	560.892,12797	4.793.493,54866	11,50	
78+706,105	560.928,00552	4.793.490,38524	11,83	
78+713,137	560.934,98097	4.793.489,49551	11,88	
78+720,168	560.941,90497	4.793.488,28188	11,90	
78+804,999	561.024,81324	4.793.470,32312	11,90	

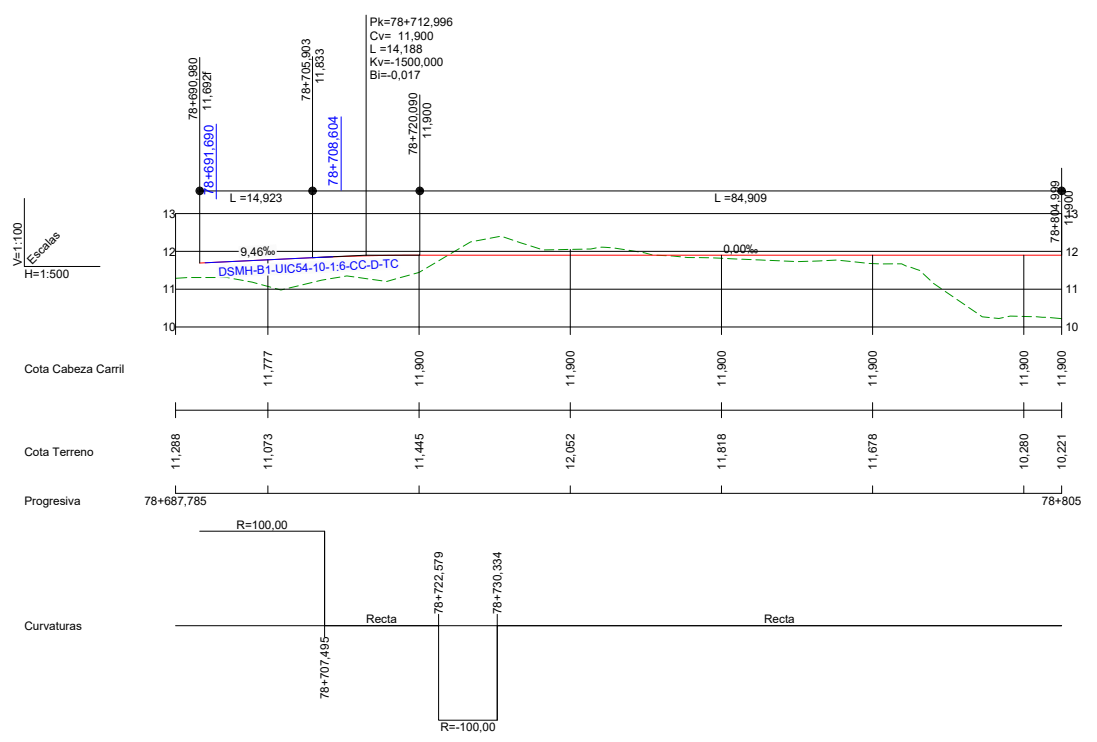
PUNTOS DE REPLANTEO				
VIA-COCHERAS-4				
PK	X	Y	Z	
78+690,980	560.912,97348	4.793.492,28526	11,69	
78+705,903	560.927,58442	4.793.489,31820	11,83	
78+712,996	560.934,38302	4.793.487,29612	11,88	
78+720,090	560.941,17902	4.793.485,26159	11,90	
78+804,999	561.024,04393	4.793.466,80627	11,90	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-5				
PK	X	Y	Z	
78+608,953	560.829,95812	4.793.485,57	11,19200	
78+656,552	560.877,39899	4.793.489,45	11,38600	
78+661,481	560.882,32498	4.793.489,60	11,41200	
78+666,410	560.887,25274	4.793.489,52	11,45000	
78+709,639	560.929,73002	4.793.481,81	11,83900	
78+716,389	560.936,32701	4.793.480,38	11,88500	
78+723,139	560.942,92400	4.793.478,96	11,90000	
78+805,000	561.022,92937	4.793.461,62	11,90000	

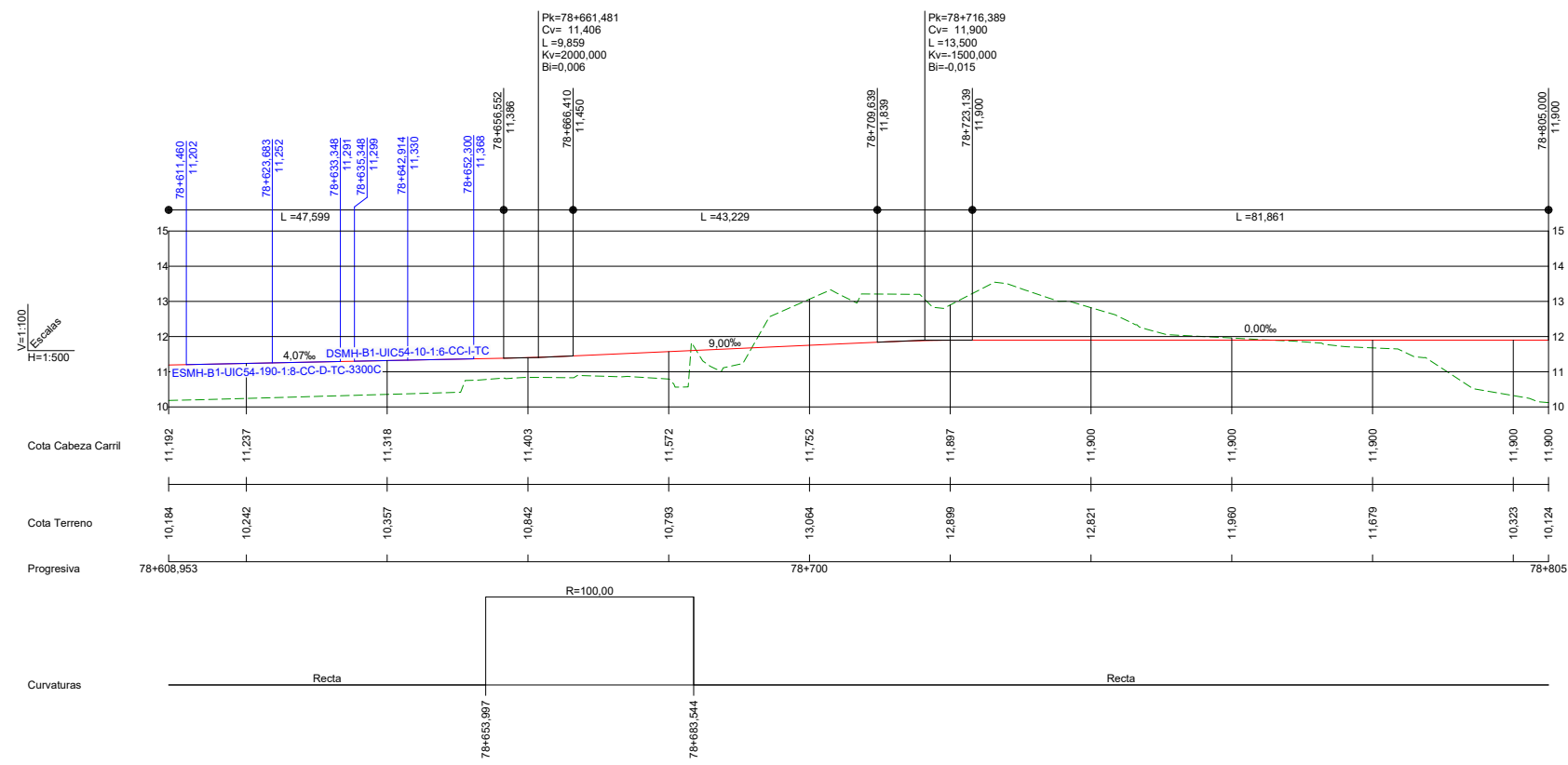
A	PRIMERA EMISION	Nov. 22	TYPSA	ETS
REV.	CLASE DE MODIFICACION	FECHA	NOMBRE	COMP. OBRA
BERRIKUSPENAK / REVISIONES				
AHOLKULARIA / CONSULTOR		INGENIARI EGILEA INGENIERO AUTOR		
AHOLKULARIAREN ERREFERENTZIA REFERENCIA CONSULTOR		ERREFERENTZIA REFERENCIA		
3-DTZ-22-014-A				



PERFIL LONGITUDINAL VIA COCHERAS-3



PERFIL LONGITUDINAL VIA COCHERAS-4



PERFIL LONGITUDINAL VIA COCHERAS-5

OHARRAK :

NOTAS :

PUNTOS DE REPLANTEO				
VIA-1				
Pk	X	Y	Z	
78+414,688	560.651,82918	4.793.433,80867	10,93	
78+529,645	560.756,25380	4.793.481,33031	10,93	
78+539,851	560.766,09051	4.793.484,04713	10,94	
78+550,056	560.776,04661	4.793.486,28266	10,97	
78+689,052	560.914,42372	4.793.488,81891	11,54	
78+698,046	560.923,40906	4.793.499,20955	11,58	
78+707,039	560.932,40012	4.793.499,38268	11,65	
78+872,222	561.094,48293	4.793.471,24288	12,91	

PUNTOS DE REPLANTEO				
VIA-2				
Pk	X	Y	Z	
78+419,857	560.657,56465	4.793.433,24453	10,93	
78+528,123	560.756,02040	4.793.477,76669	10,93	
78+538,258	560.765,75922	4.793.480,56938	10,94	
78+548,393	560.775,62455	4.793.482,88704	10,97	
78+660,360	560.886,61936	4.793.496,81343	11,43	

PUNTOS DE REPLANTEO				
VIA-MANGO				
Pk	X	Y	Z	
0+000,000	560.741,51036	4.793.463,39	10,93000	
00+017,055	560.757,35374	4.793.469,70	10,93000	
00+027,232	560.766,98045	4.793.473,00	10,94000	
00+037,409	560.776,72070	4.793.475,94	10,97000	
00+091,594	560.829,95763	4.793.485,57	11,19200	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-1				
Pk	X	Y	Z	
78+631,844	560.855,55740	4.793.487,67958	11,30	
78+654,538	560.877,84736	4.793.491,78662	11,39	
78+659,724	560.882,95701	4.793.492,66949	11,42	
78+664,910	560.888,10721	4.793.493,27225	11,46	
78+705,603	560.928,76201	4.793.494,99342	11,84	
78+712,554	560.935,71108	4.793.495,08964	11,88	
78+719,505	560.942,65019	4.793.494,70786	11,90	
78+805,000	561.026,33797	4.793.477,35982	11,90	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-2				
Pk	X	Y	Z	
78+689,418	560.912,06440	4.793.494,33490	11,68	
78+705,812	560.928,42522	4.793.493,63829	11,83	
78+712,833	560.935,39081	4.793.492,75792	11,88	
78+719,854	560.942,34232	4.793.491,77810	11,90	
78+804,999	561.025,57534	4.793.473,84153	11,90	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-3				
Pk	X	Y	Z	
78+670,039	560.892,12797	4.793.493,54866	11,50	
78+706,105	560.928,00552	4.793.490,38524	11,83	
78+713,137	560.934,98097	4.793.489,49551	11,88	
78+720,168	560.941,90497	4.793.488,28188	11,90	
78+804,999	561.024,81324	4.793.470,32312	11,90	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-4				
Pk	X	Y	Z	
78+690,980	560.912,97348	4.793.492,28526	11,69	
78+705,903	560.927,58442	4.793.489,31820	11,83	
78+712,996	560.934,38302	4.793.487,29612	11,88	
78+720,090	560.941,17902	4.793.485,26159	11,90	
78+804,999	561.024,04393	4.793.466,80627	11,90	

PUNTOS DE REPLANTEO				
VIA-COCHERAS-5				
Pk	X	Y	Z	
78+608,953	560.829,95812	4.793.485,57	11,19200	
78+656,552	560.877,39899	4.793.489,45	11,38600	
78+661,481	560.882,32498	4.793.489,60	11,41200	
78+666,410	560.887,25274	4.793.489,52	11,45000	
78+709,639	560.929,73002	4.793.481,81	11,83900	
78+716,389	560.936,32701	4.793.480,38	11,88500	
78+723,139	560.942,92400	4.793.478,96	11,90000	
78+805,000	561.022,92937	4.793.461,62	11,90000	

A	PRIMERA EMISION	Nov. 22	TYPSA	ETS
REV.	CLASE DE MODIFICACION	FECHA	NOMBRE	COMP. OBRA
BERRIKUSPENAK / REVISIONES				

AHOLKULARIA / CONSULTOR	INGENIARI EGILEA INGENIERO AUTOR
TYPSA	ALESANDER GALLASTEGI URIARTE Ingeniero Caminos C.C. y P.P. Col. Nº 9.880
AHOLKULARIAREN ERREFERENTZIA REFERENCIA CONSULTOR	ERREFERENTZIA REFERENCIA
3-DTZ-22-015-A	