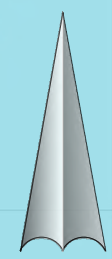
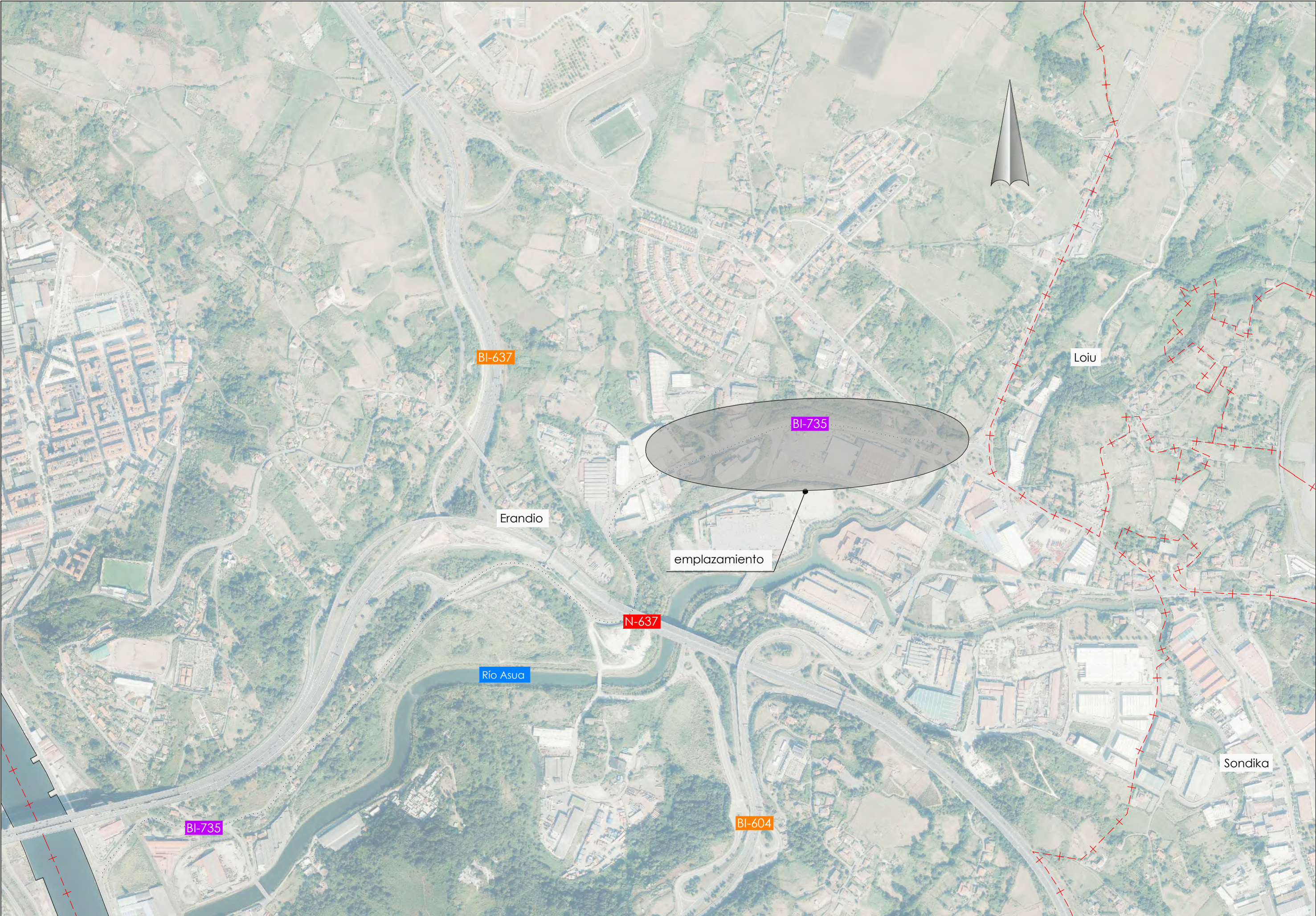
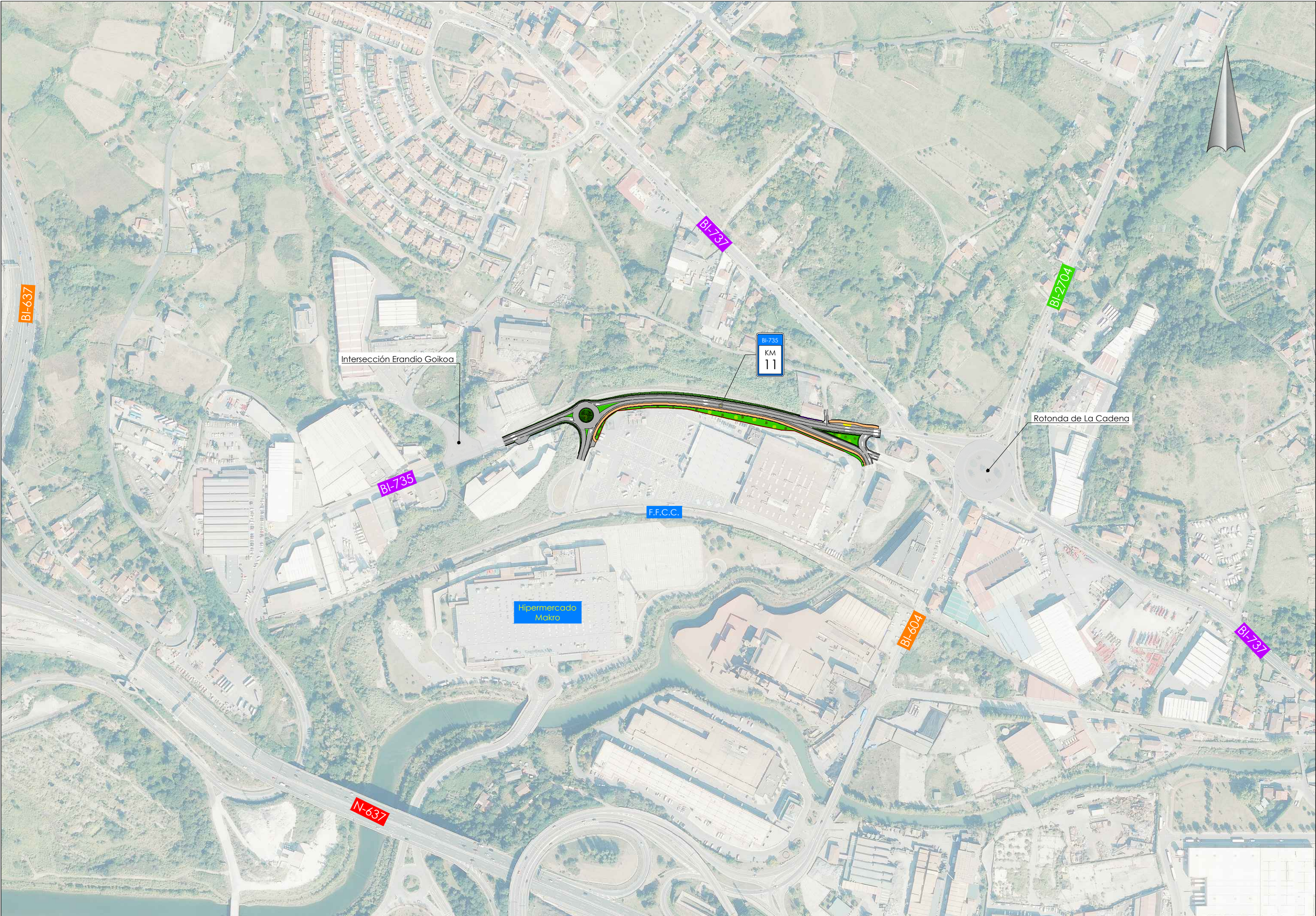


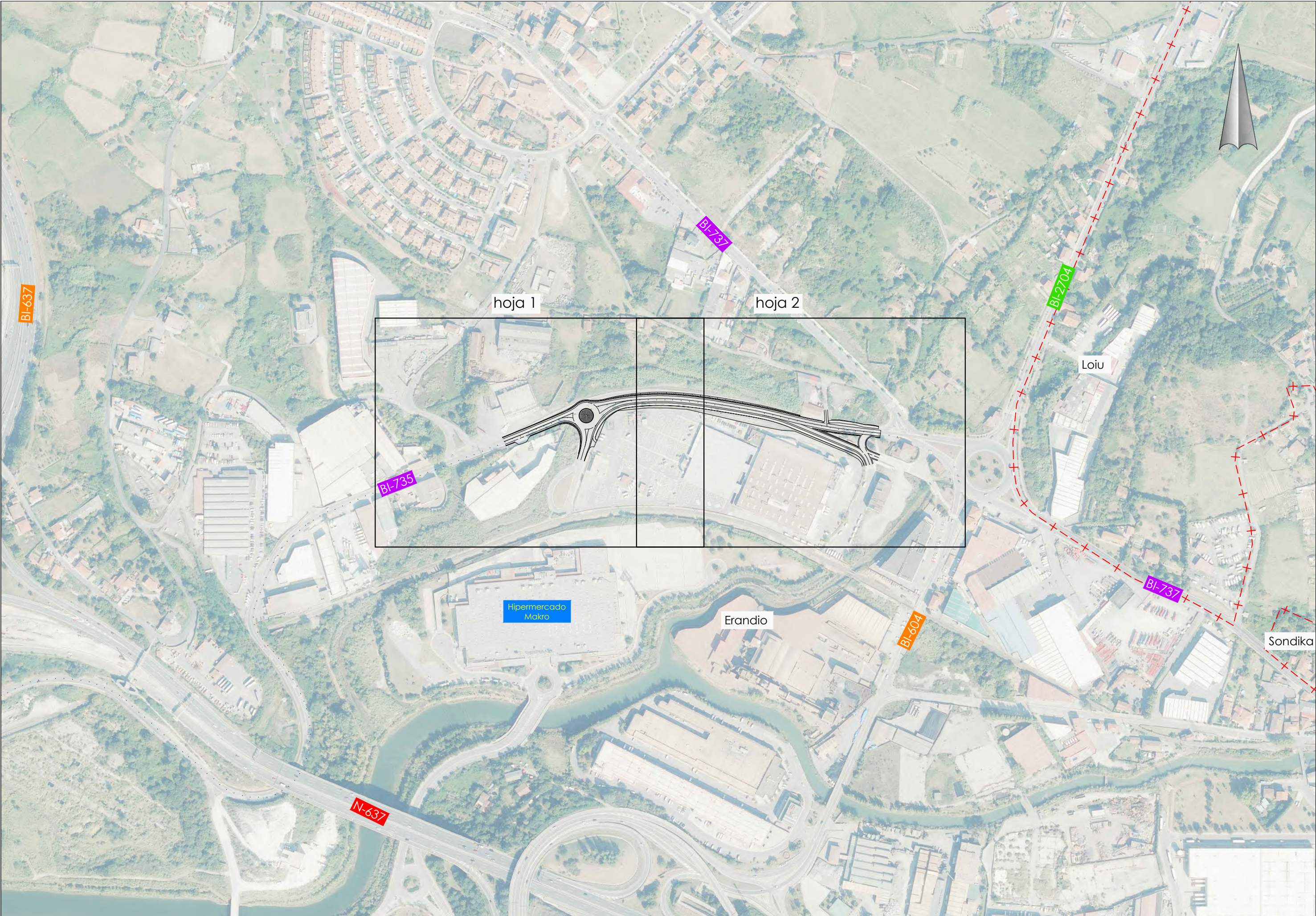
Proyecto de trazado para la reordenación de la carretera BI-735
en el entorno de Makro en Asua (T.M. de Erandio)

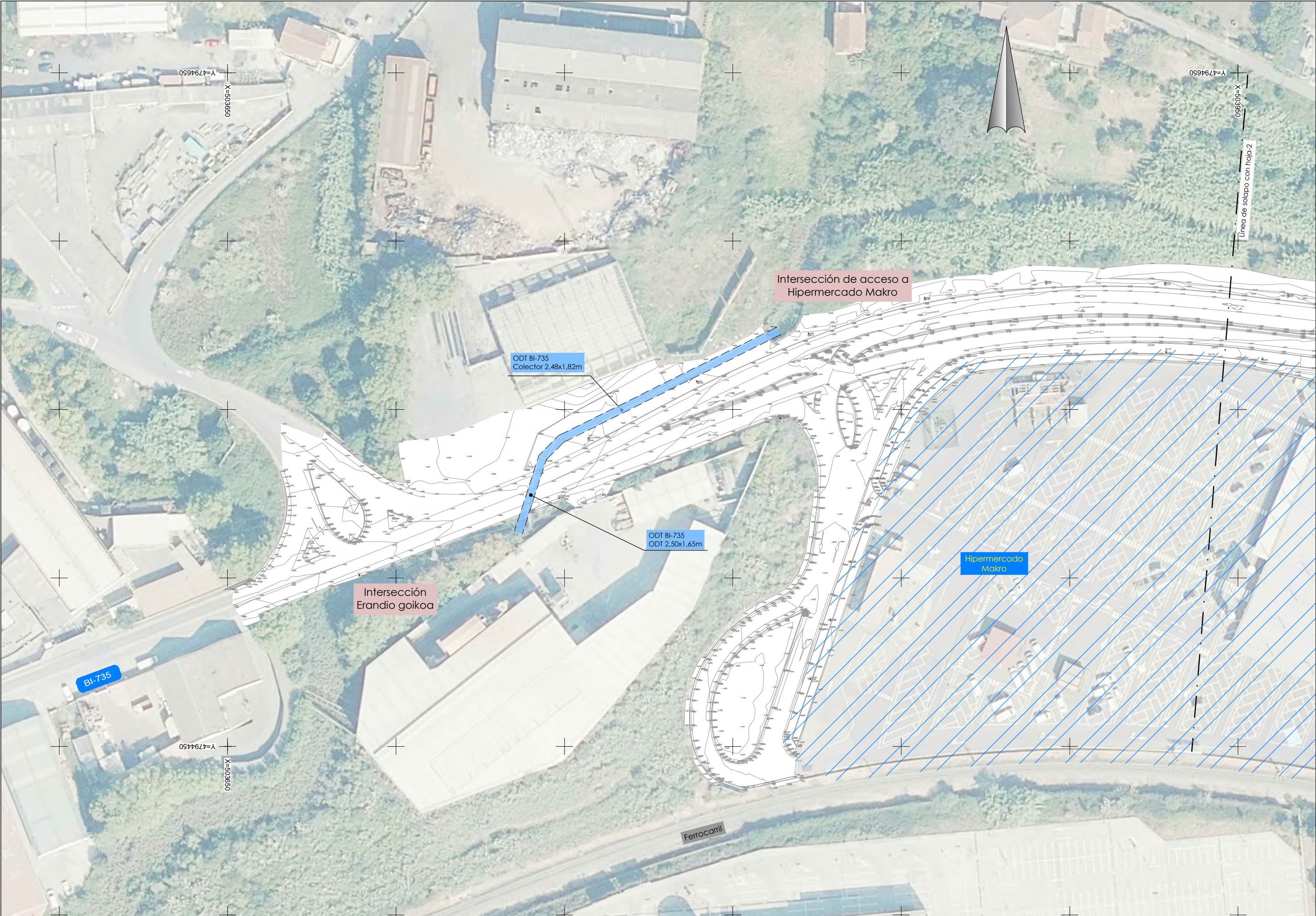
0. Índice de planos	1 hoja	7. Servicios afectados	
		7.1. Servicios existentes	2 hojas
1. Planos de conjunto		7.2. Reposición de servicios	2 hojas
1.1. Situación	1 hoja	Total por grupo	4 hojas
1.2. Emplazamiento	1 hoja		
1.3. Conductor de hojas	1 hoja	8. Fases de obra	
Total por grupo	3 hojas	8.1. Planta actual de tráfico	1 hoja
		8.2. Propuesta de ejecución de fases	4 hojas
2. Plantas generales		8.3. Desvío provisional del tráfico de paso	1 hoja
2.1. Situación actual	2 hojas	8.4. Desvío provisional del acceso a Makro	2 hojas
2.2. Definición geométrica	2 hojas	8.5. Desvío provisional del autobús de línea	1 hoja
2.3. Definición geométrica. Rotonda Makro	1 hoja	Total por grupo	9 hojas
2.4. Urbanización	2 hojas		
Total por grupo	7 hojas	9. Señalización, balizamiento y defensas	2 hojas
3. Perfiles longitudinales		10. Parcelario	2 hojas
3.1. Tronco y rotonda	5 hojas		
3.2. Accesos	2 hojas		
Total por grupo	7 hojas		
4. Secciones tipo	1 hoja		
5. Perfiles transversales			
5.1. Tronco y rotonda	13 hojas		
5.2. Accesos	2 hojas		
Total por grupo	15 hojas		
6. Drenaje			
6.1. Plantas drenaje existente	2 hojas		
6.2. Plantas drenaje proyectado	2 hojas		
6.3. Avenidas de inundación	1 hoja		
6.4. Longitudinales sobre avenidas de inundación	3 hojas		
Total por grupo	8 hojas		

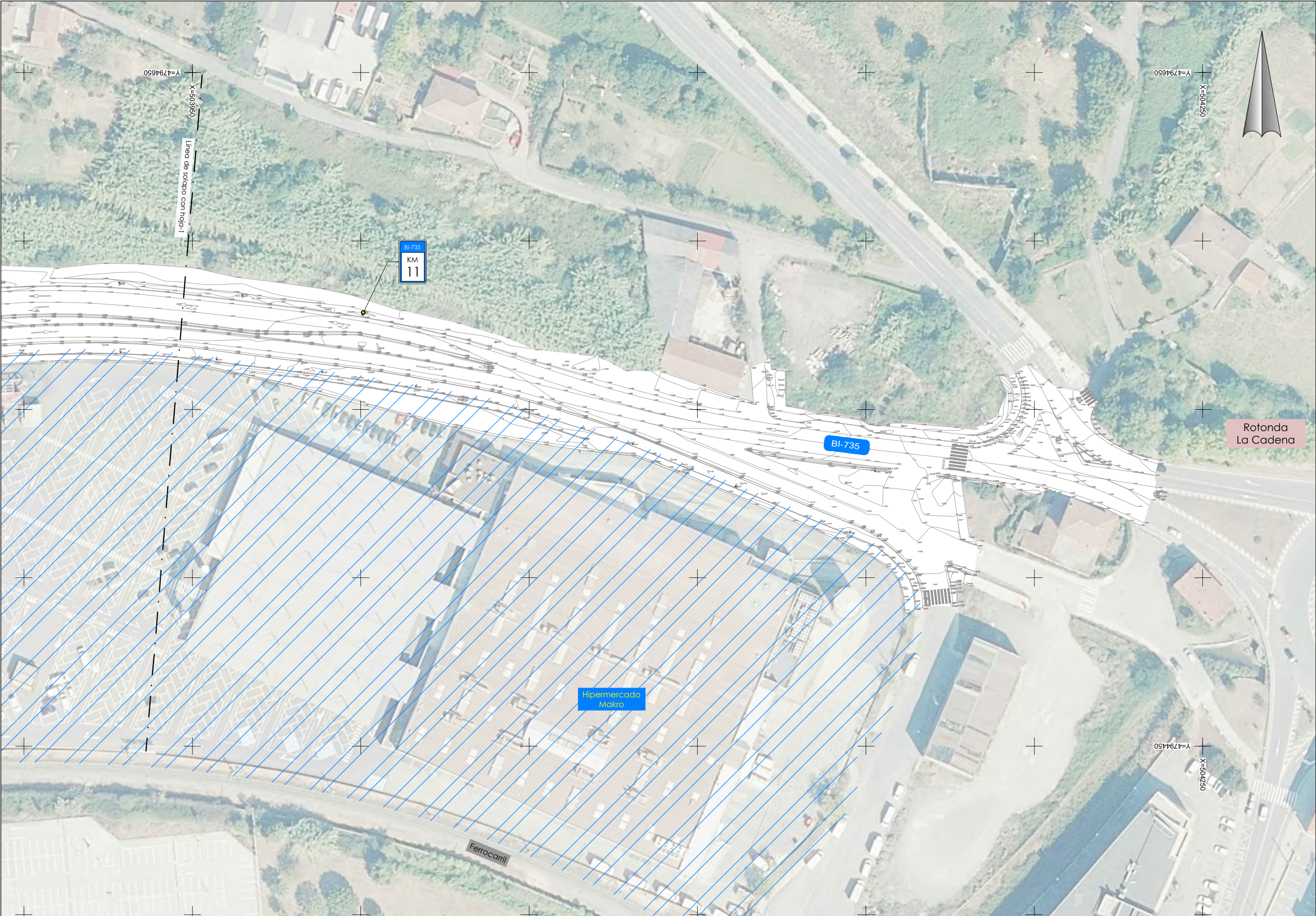


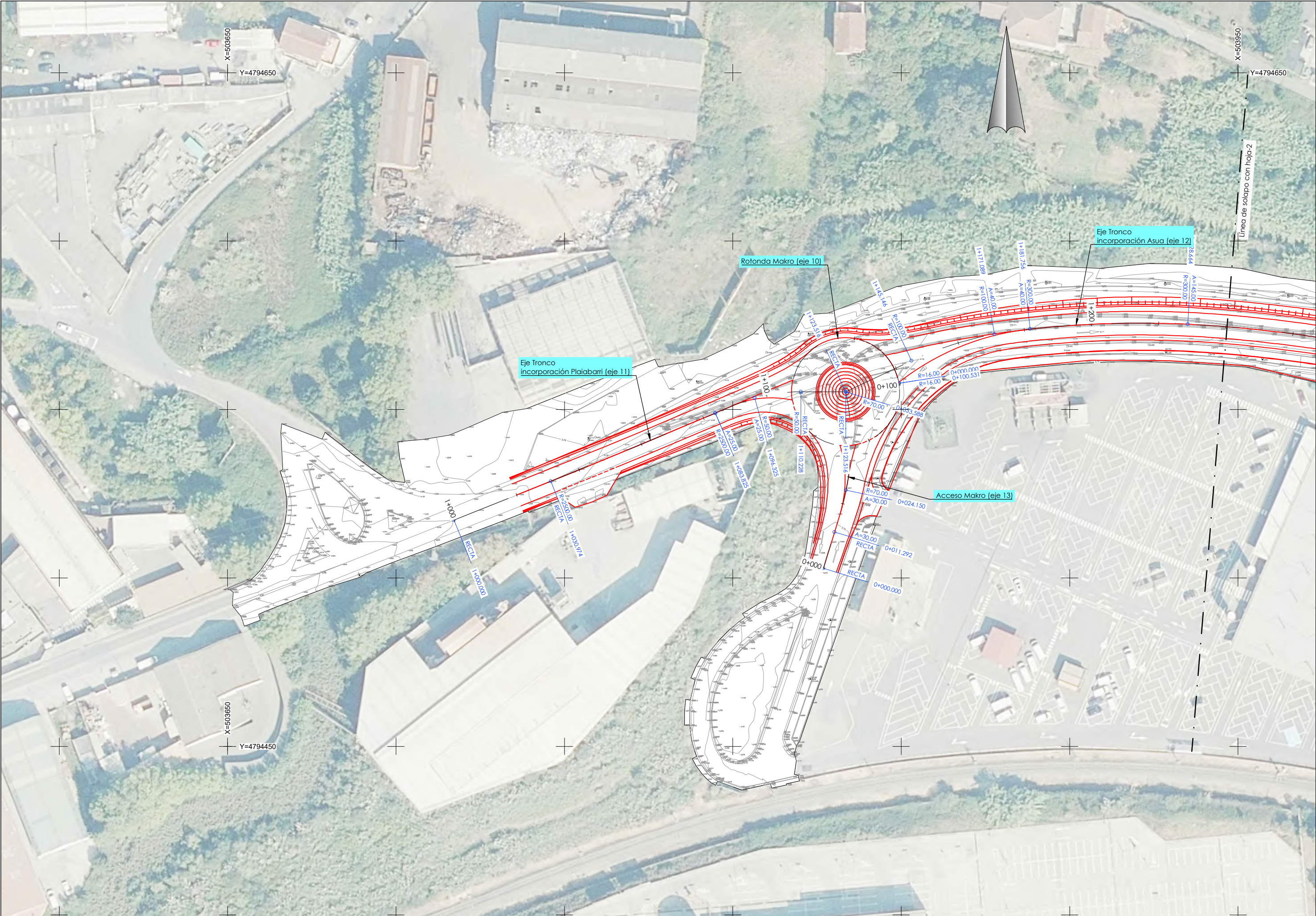


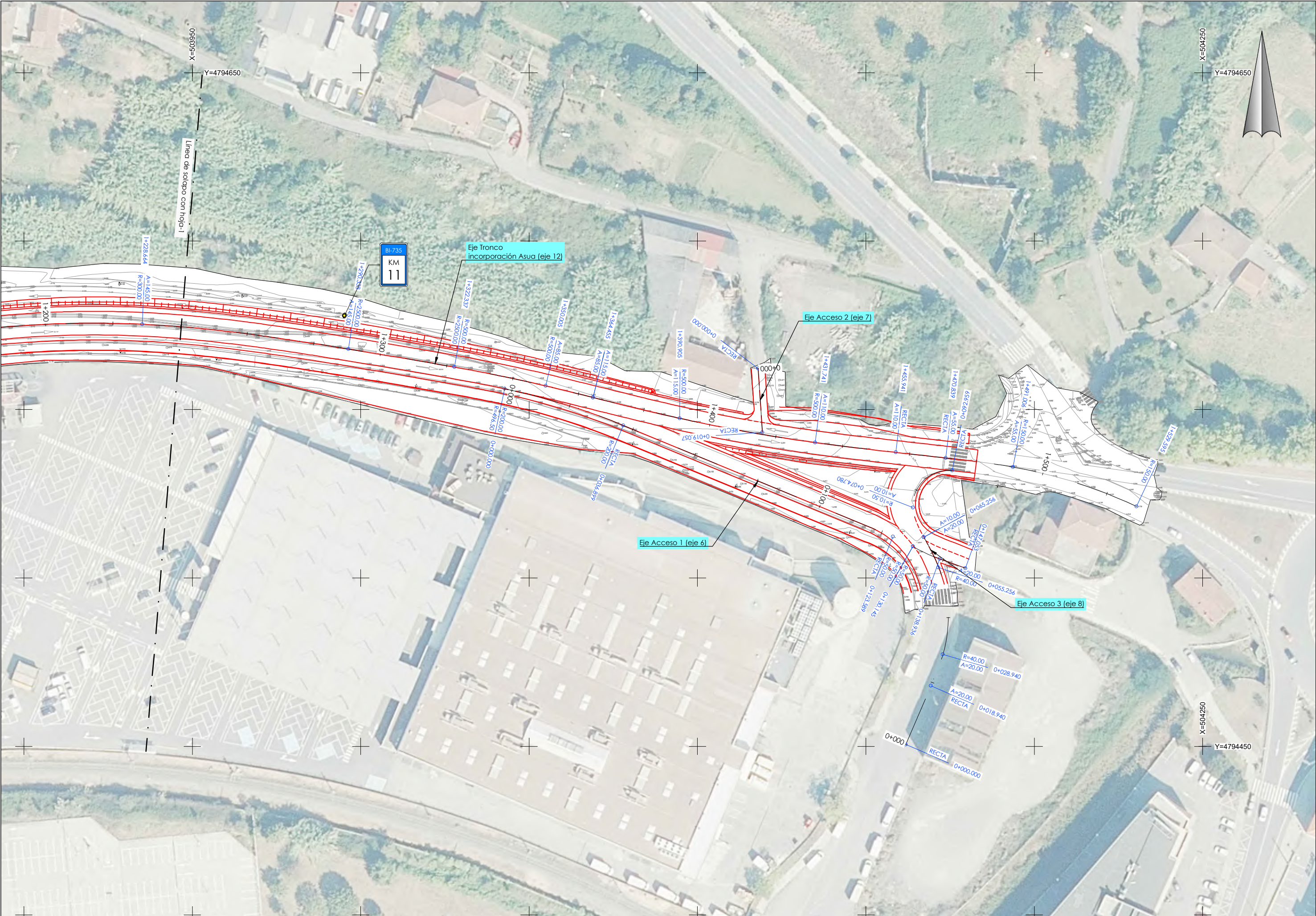


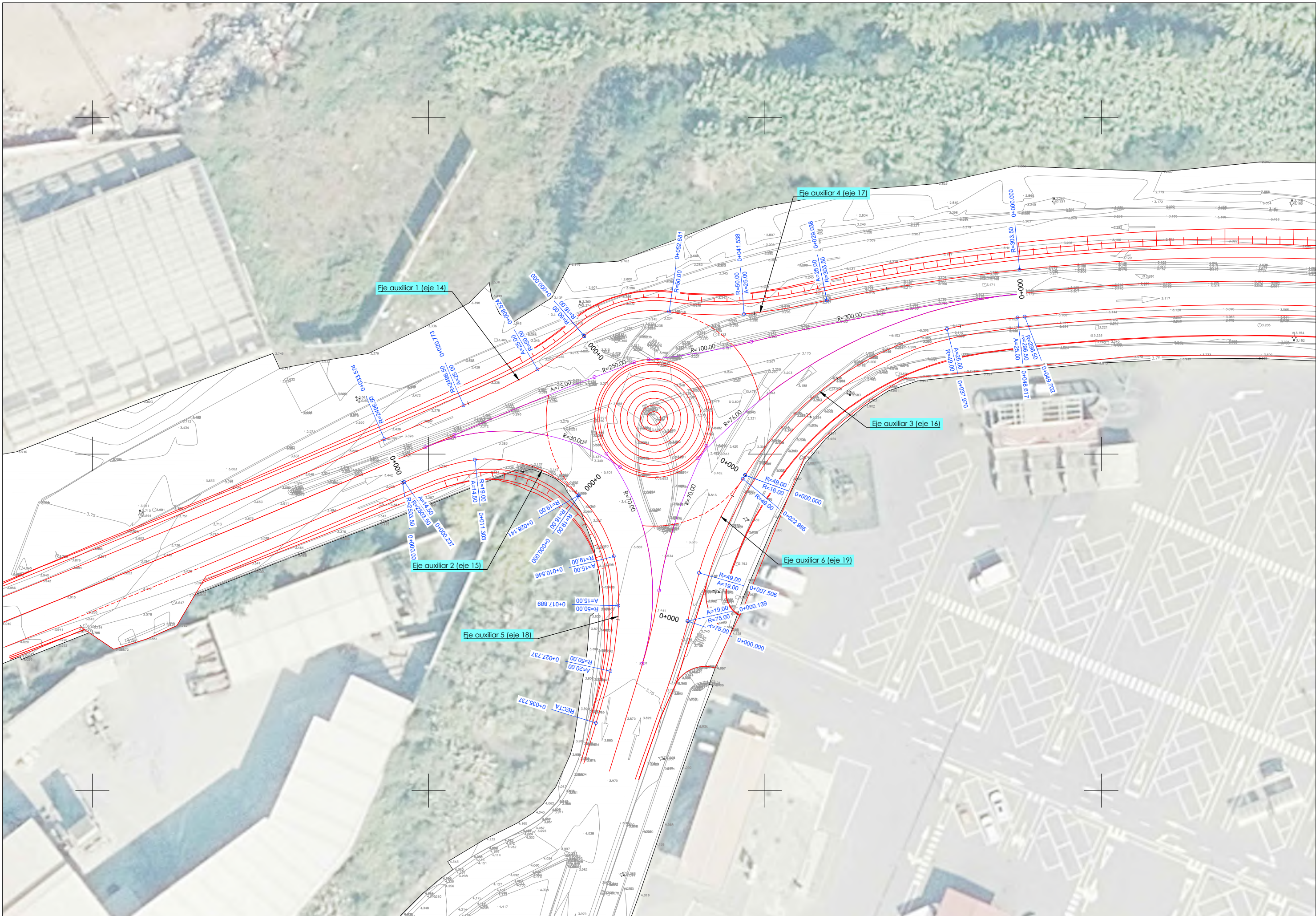


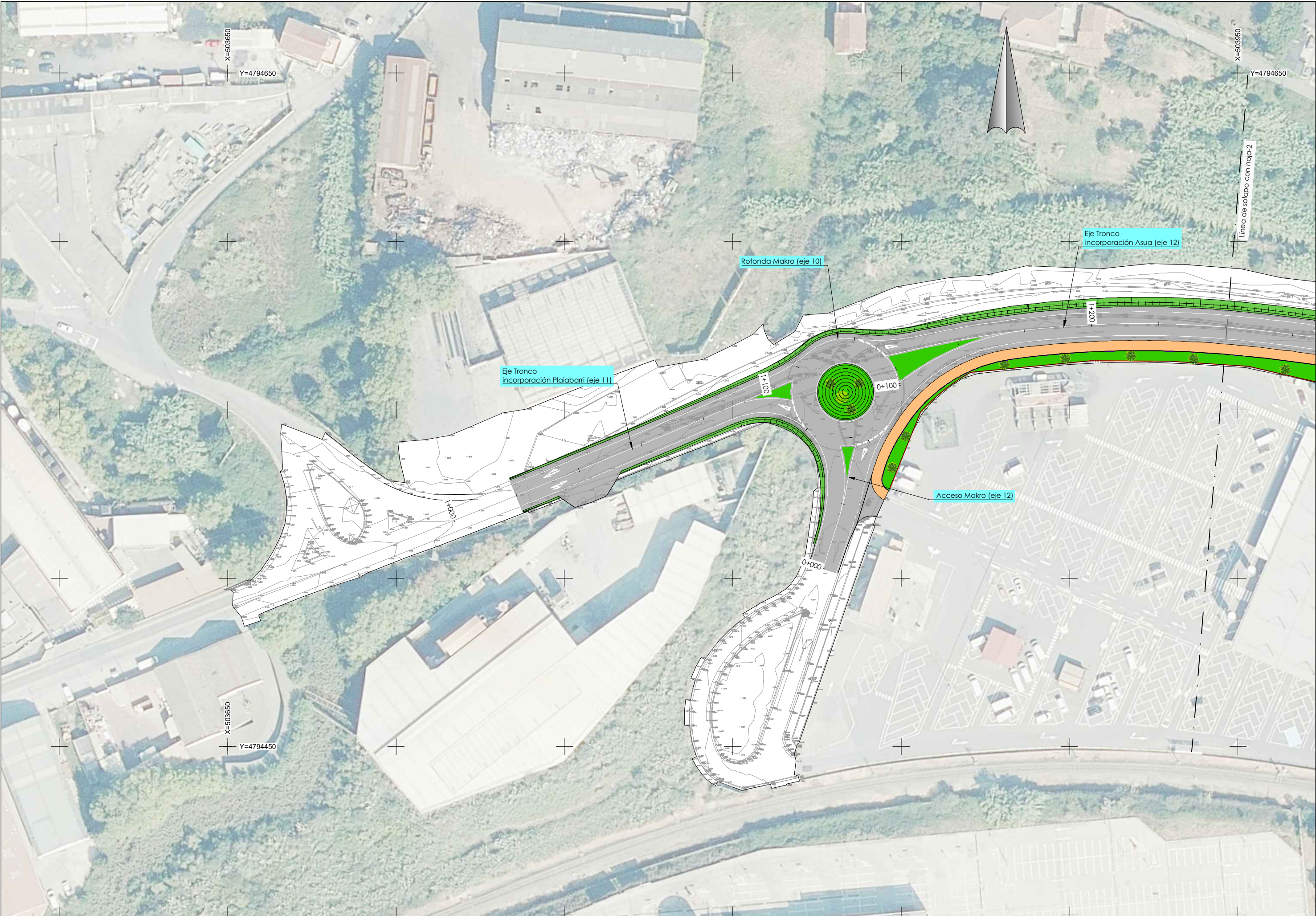


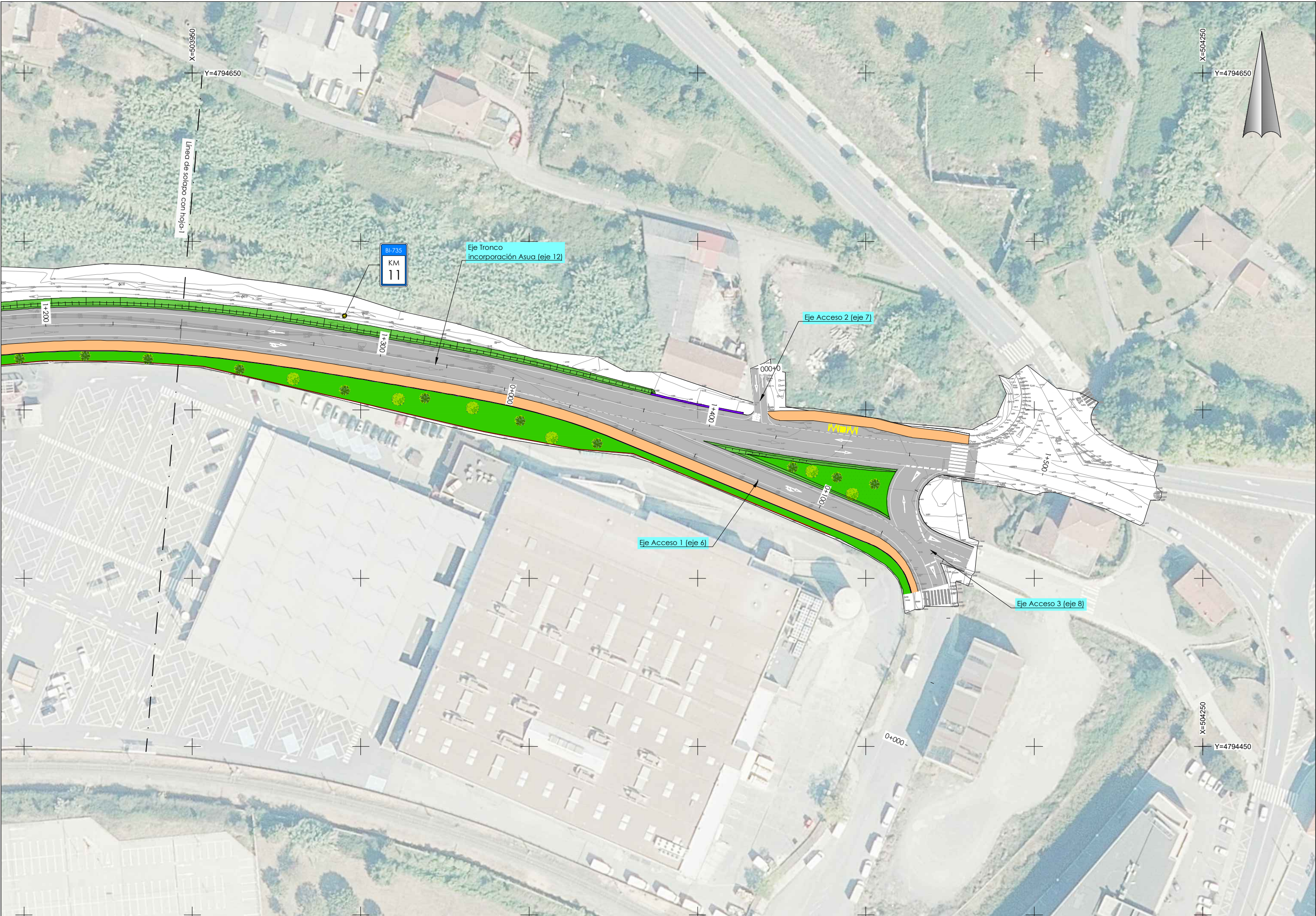


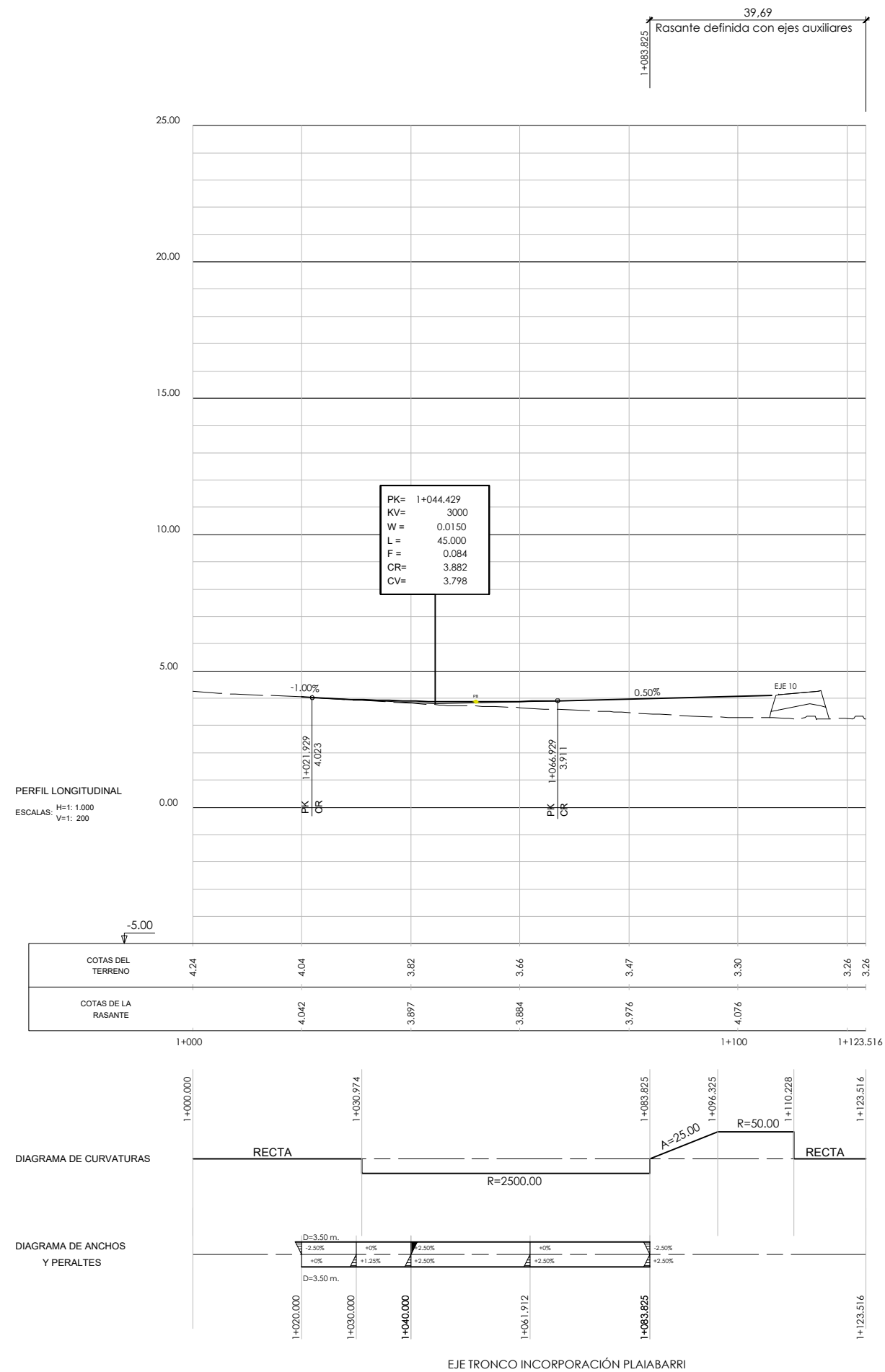
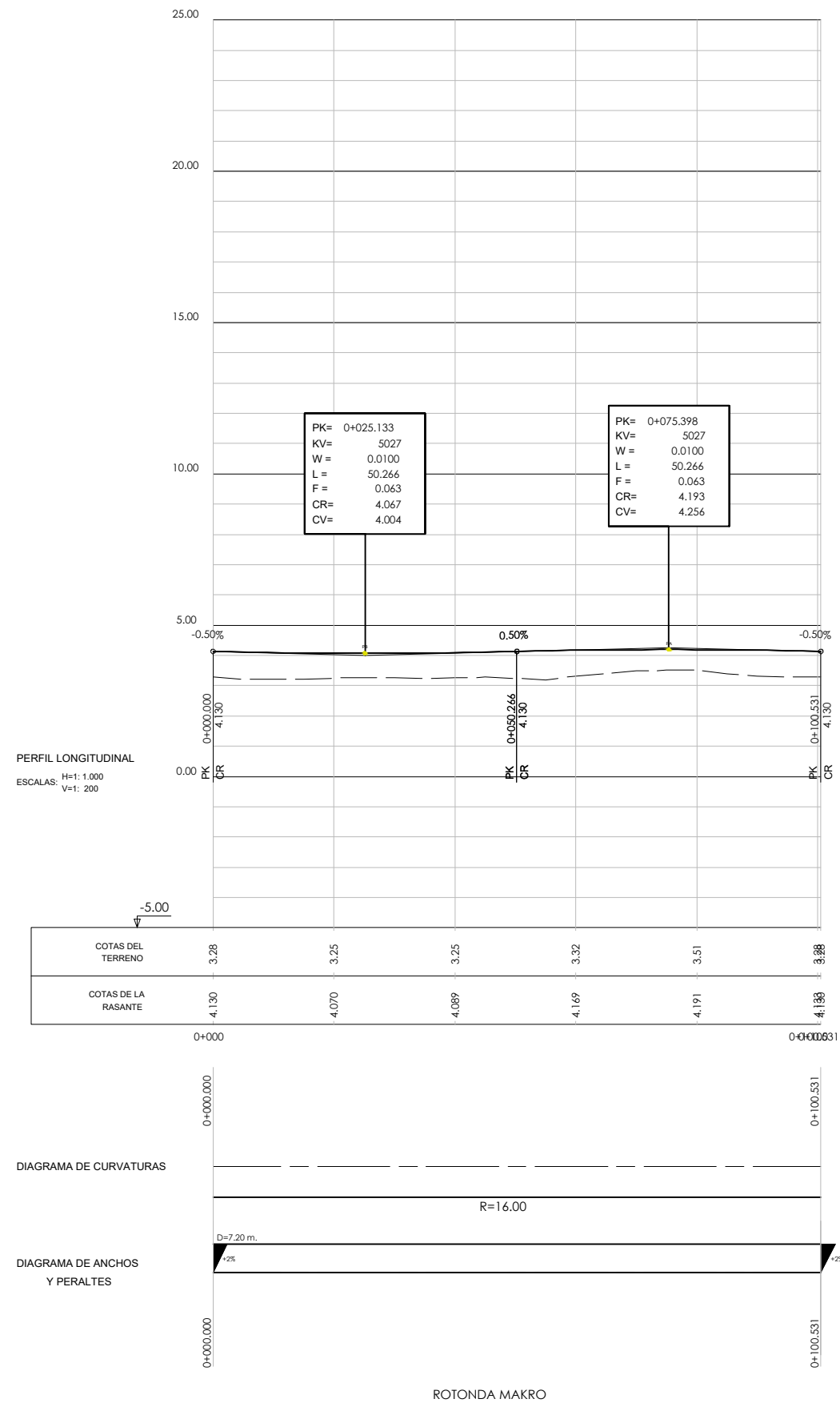


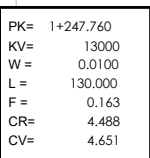


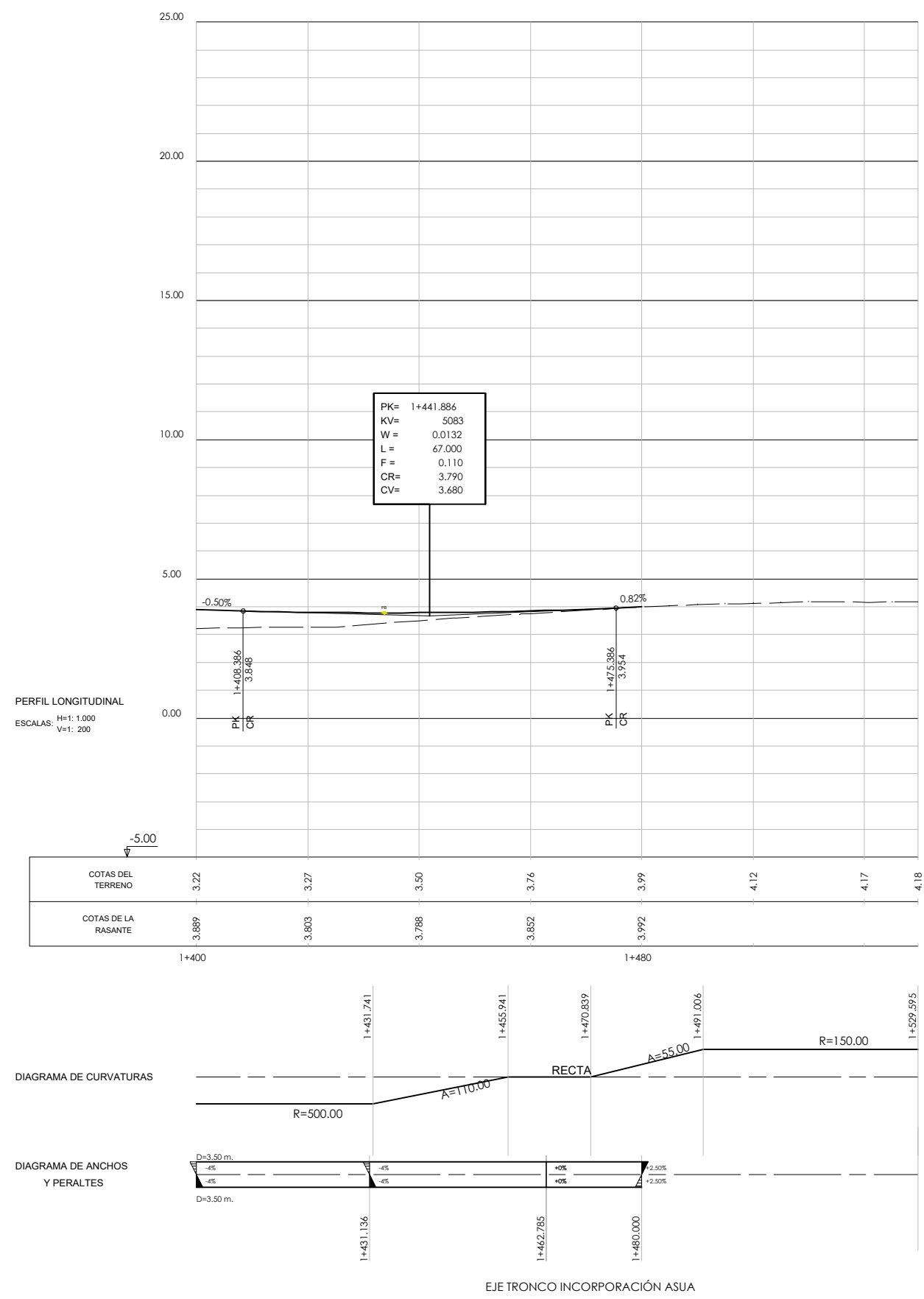


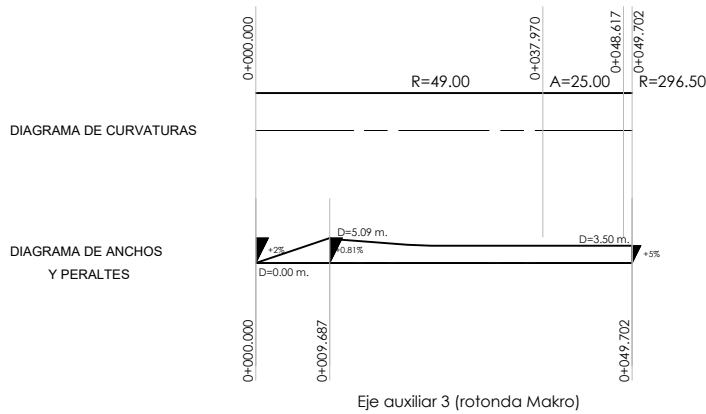
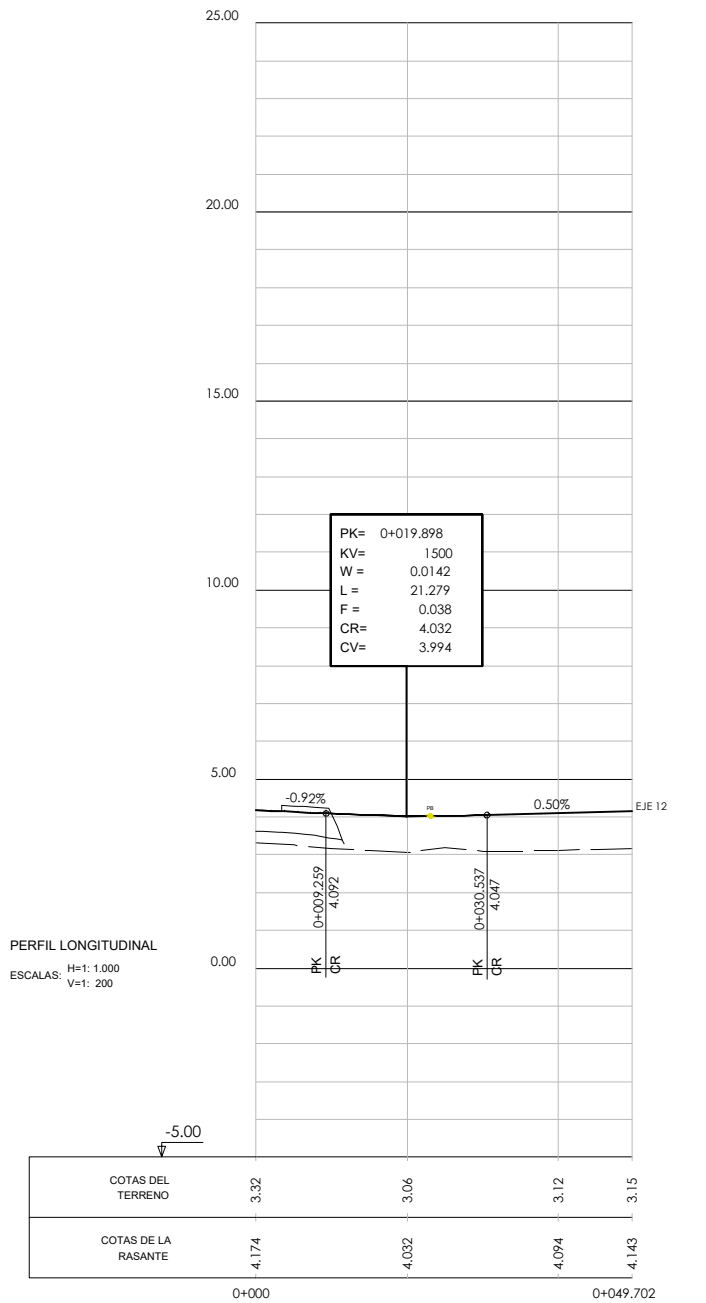
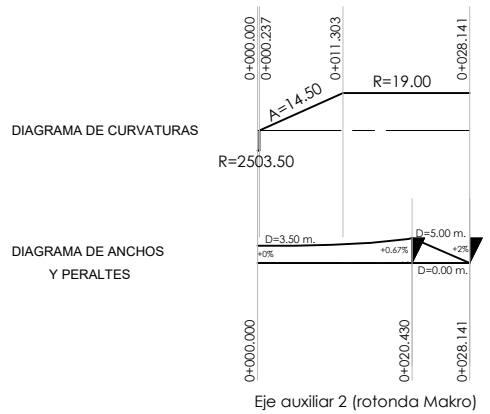
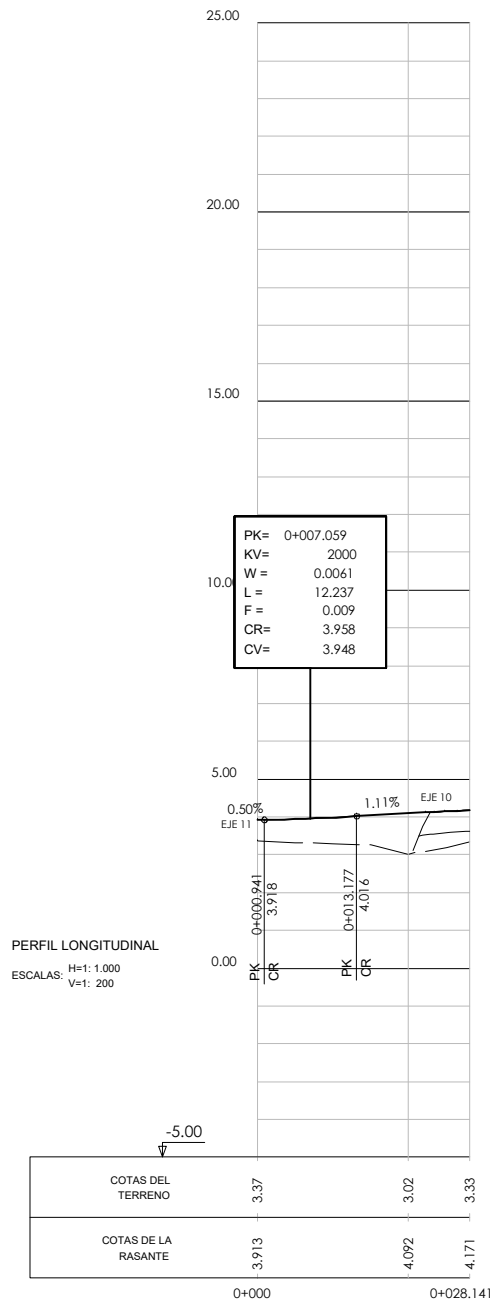
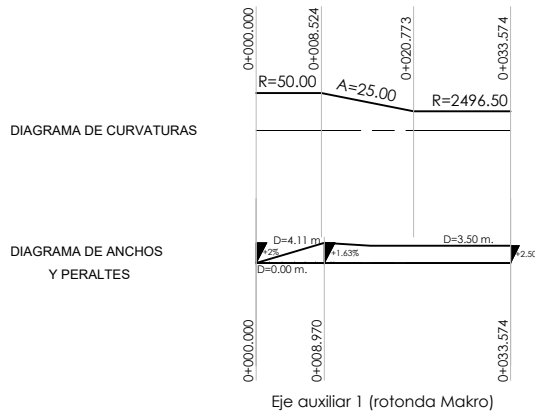
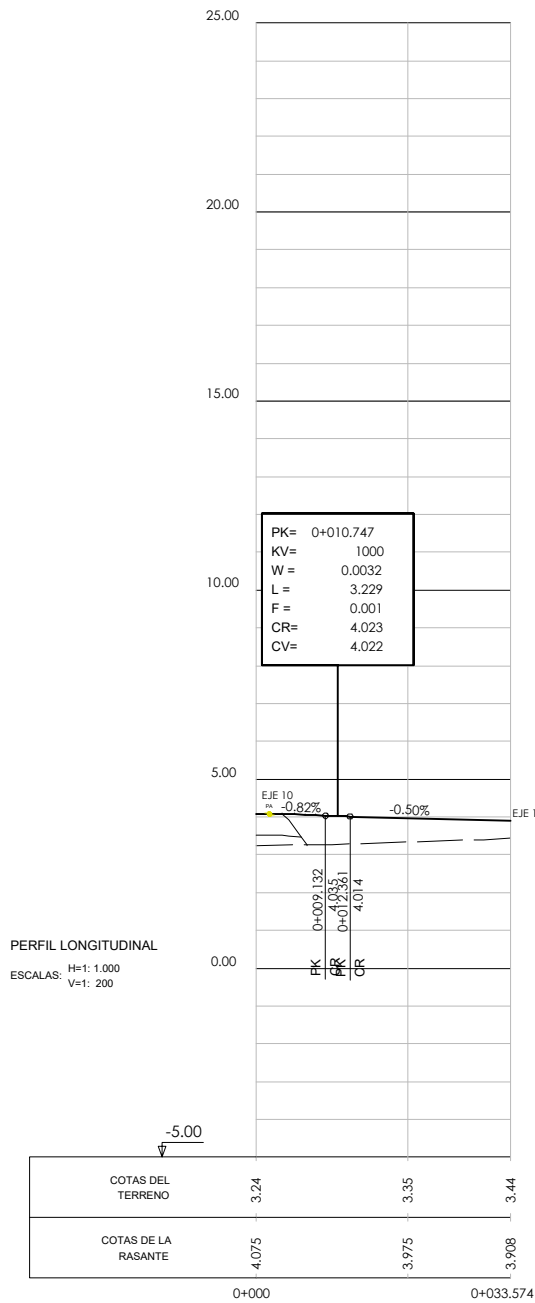


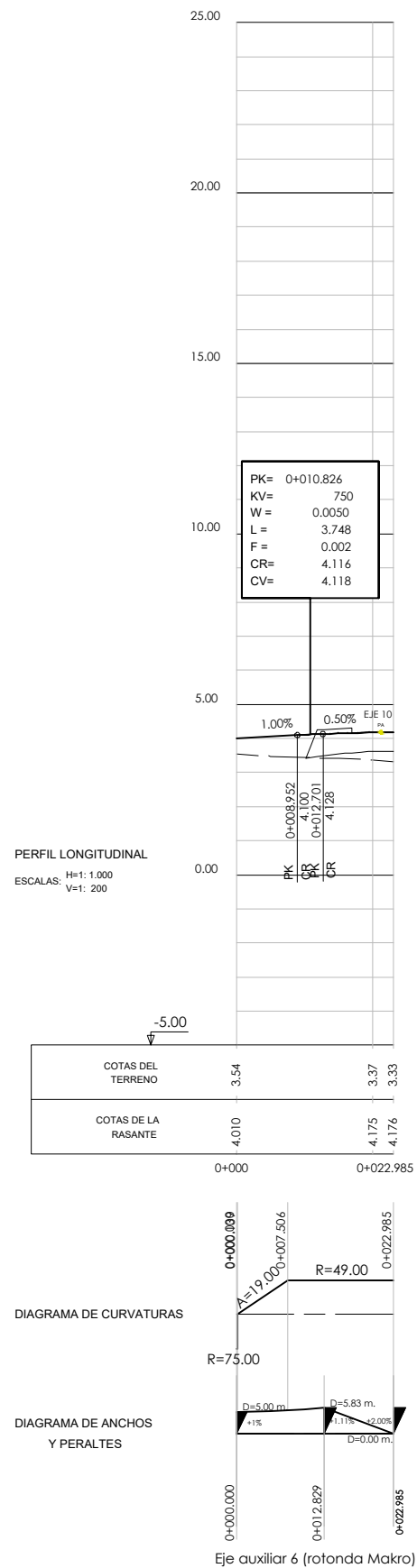
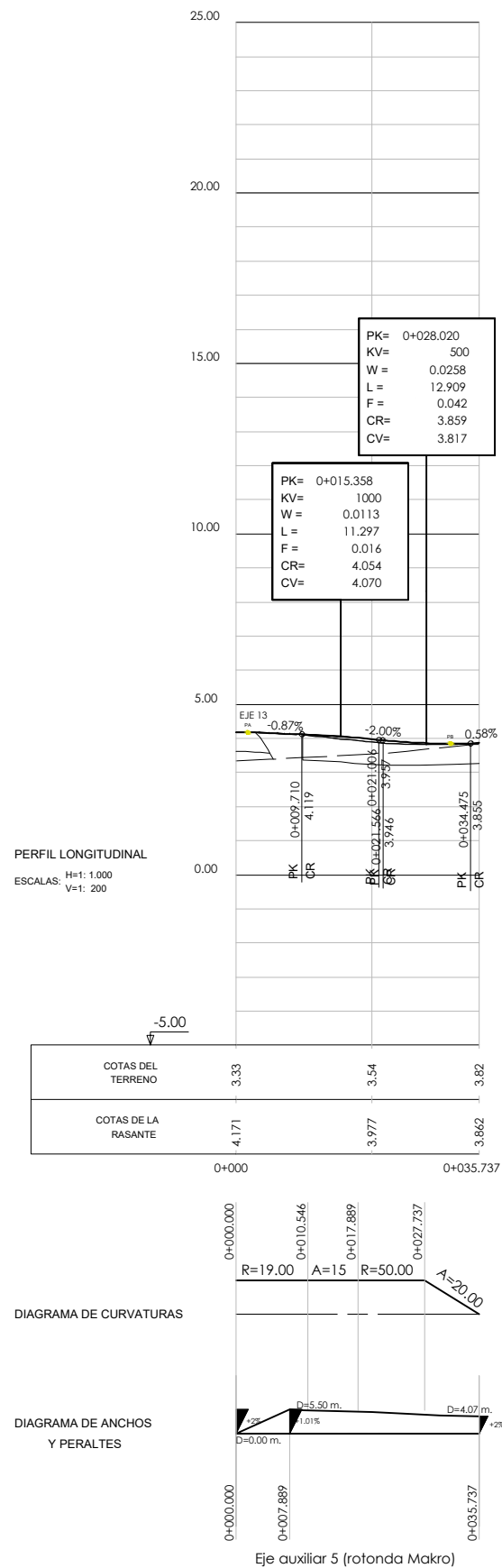
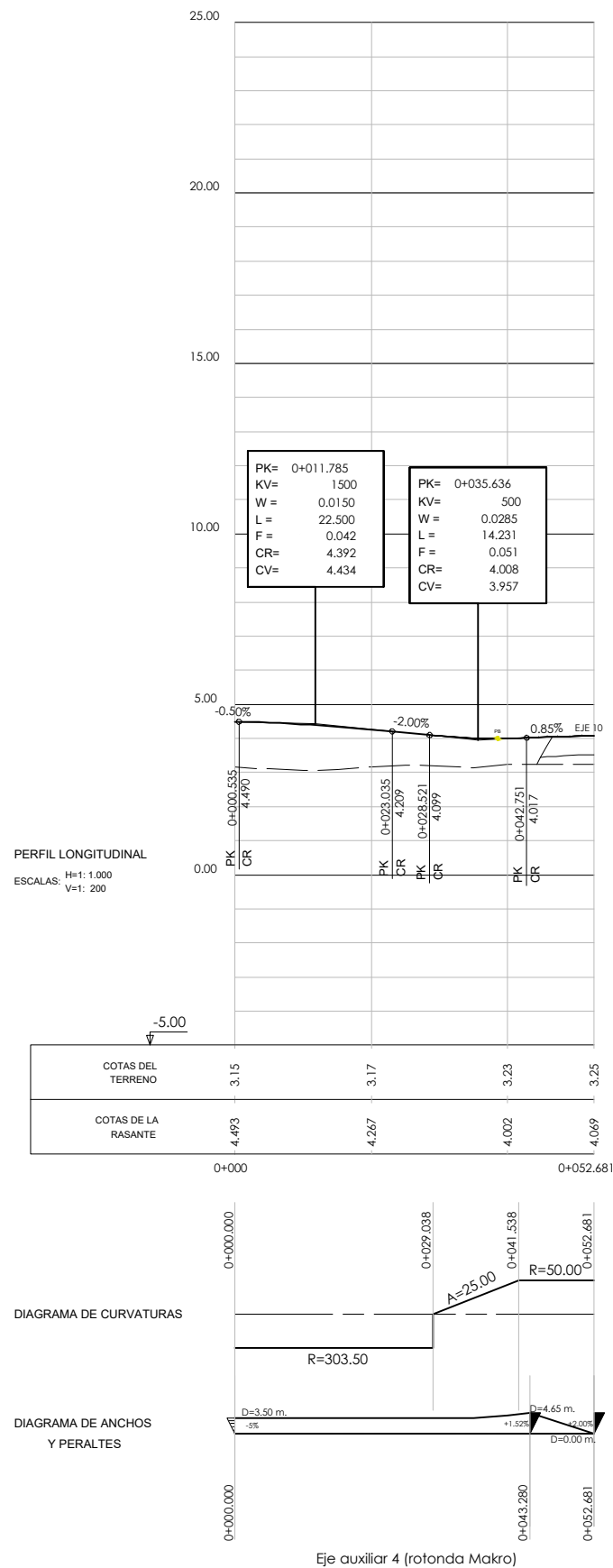


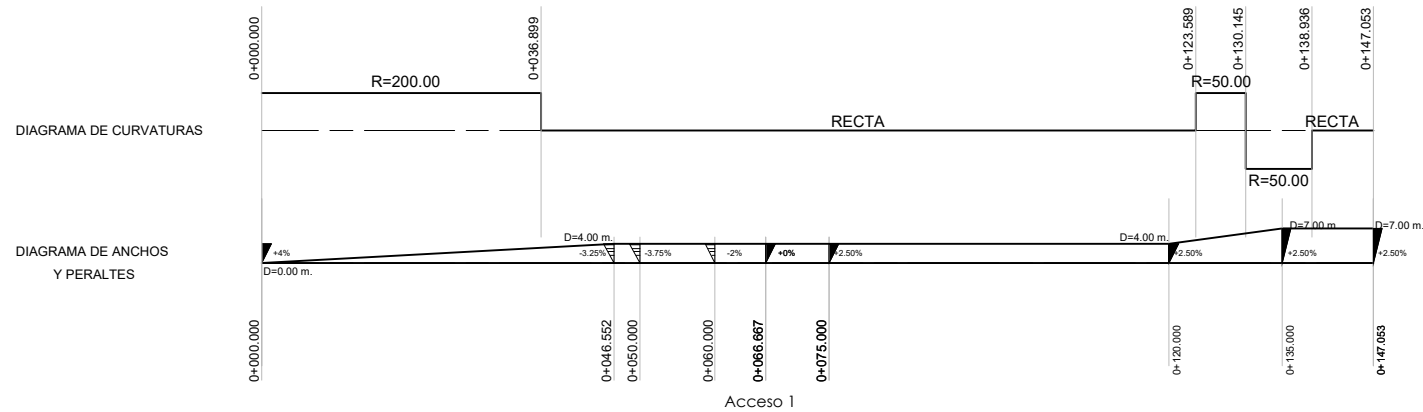
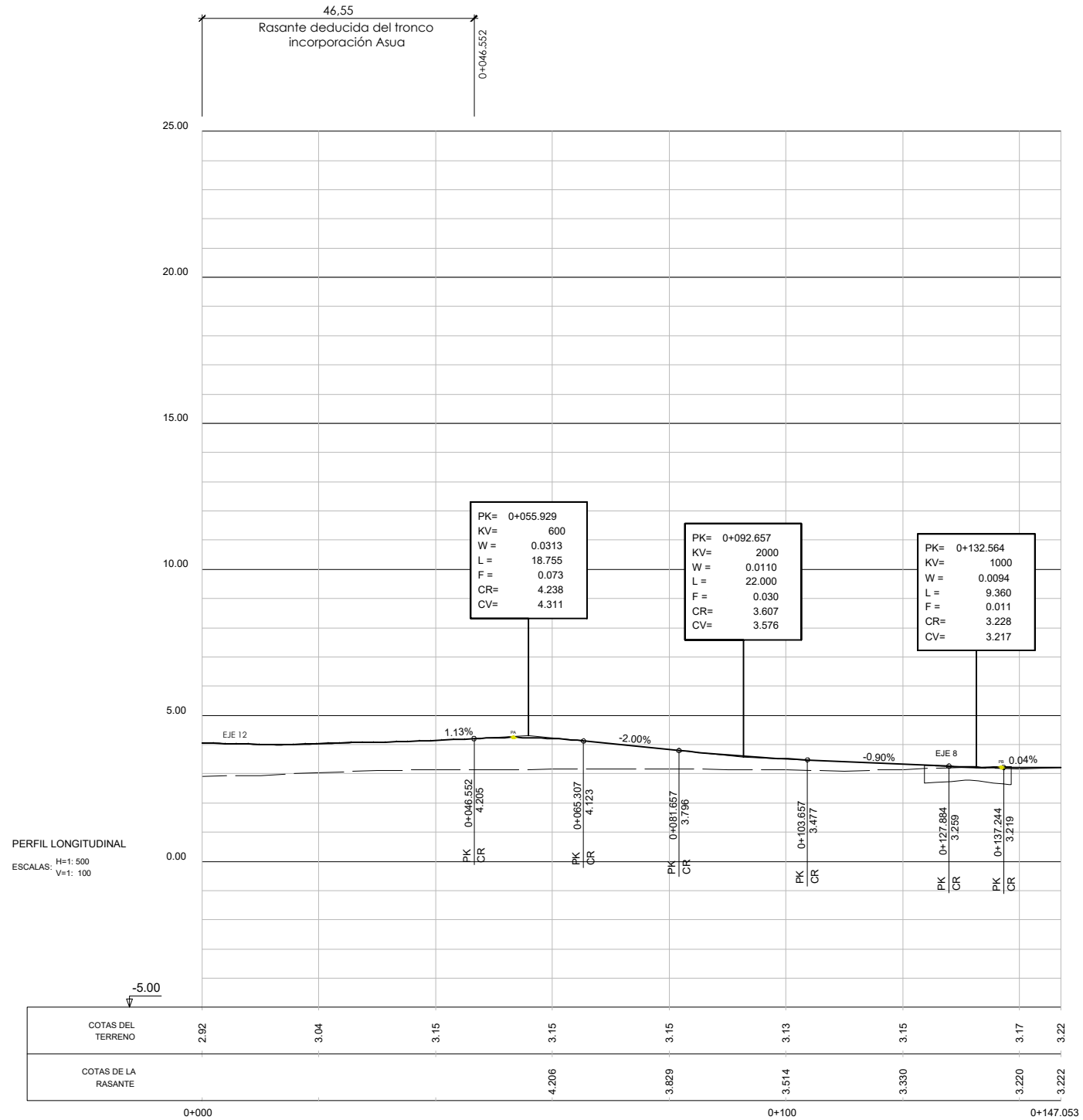
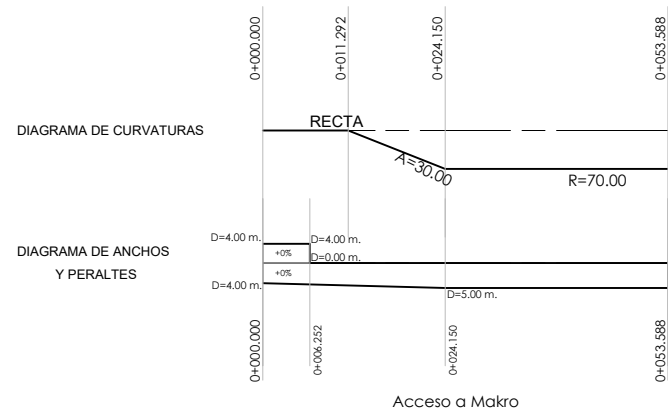
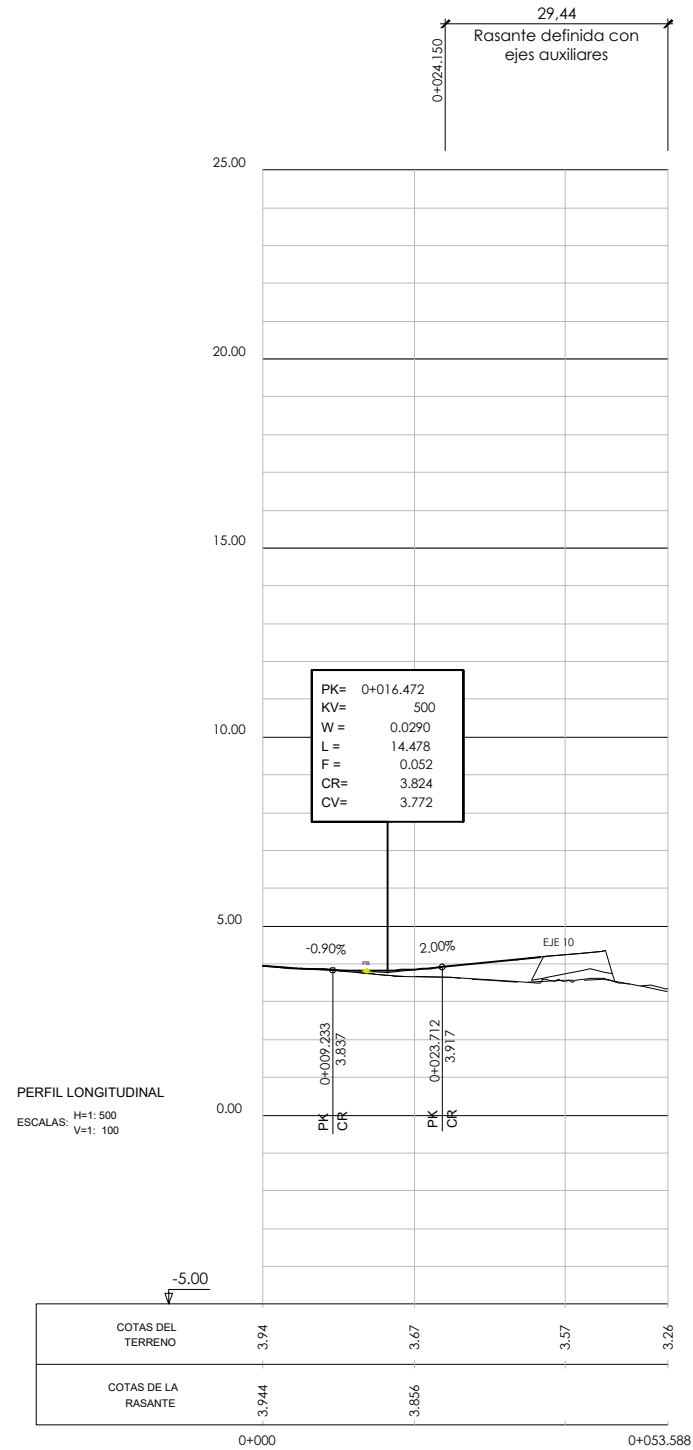


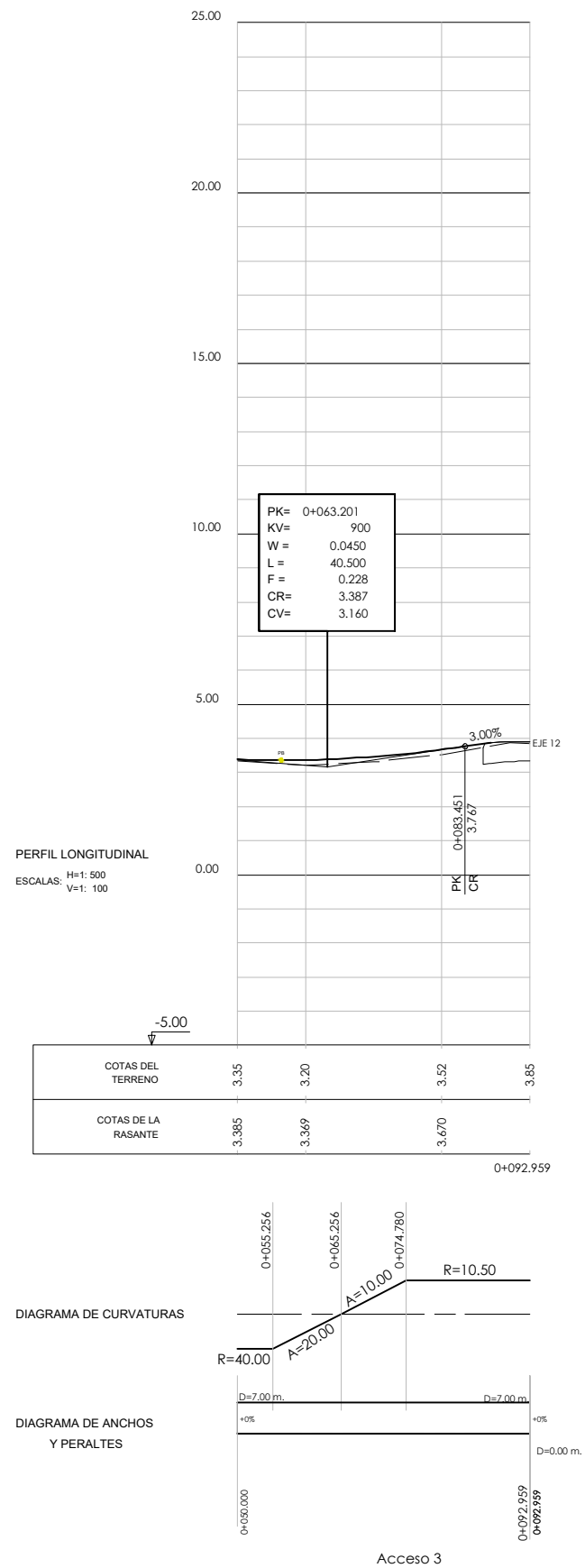
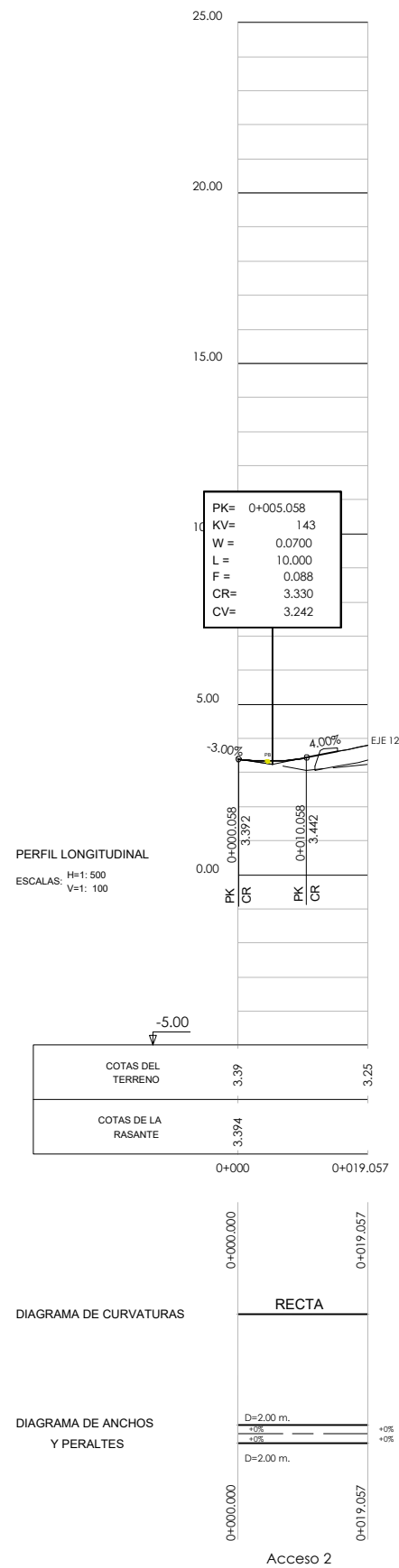


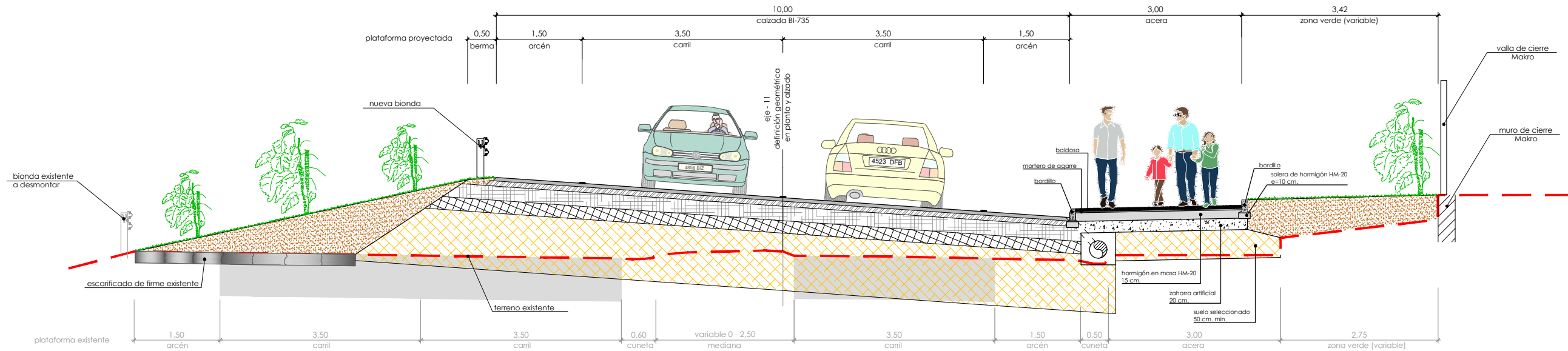




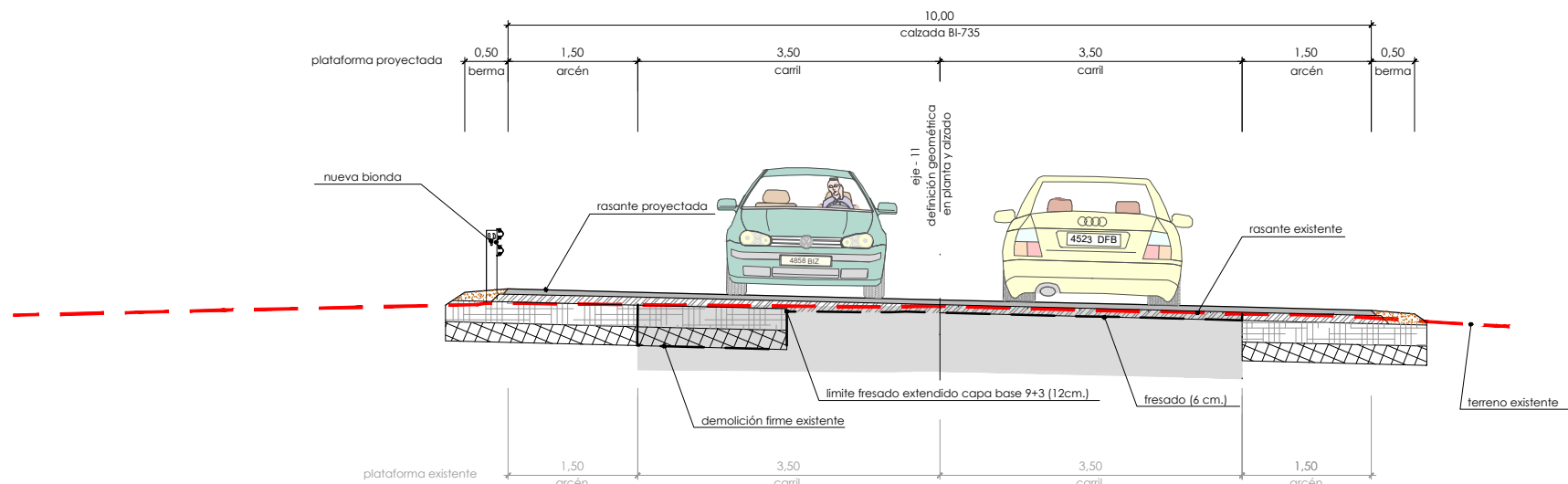






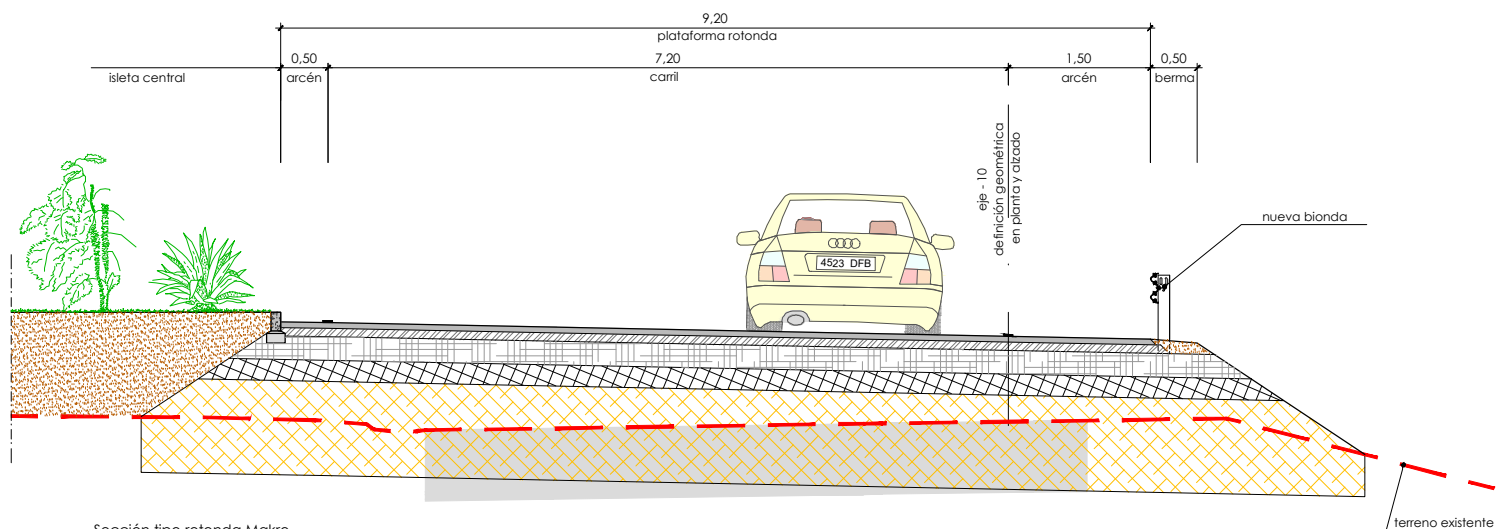


Sección tipo eje incorporación Asua
escala: 1/40

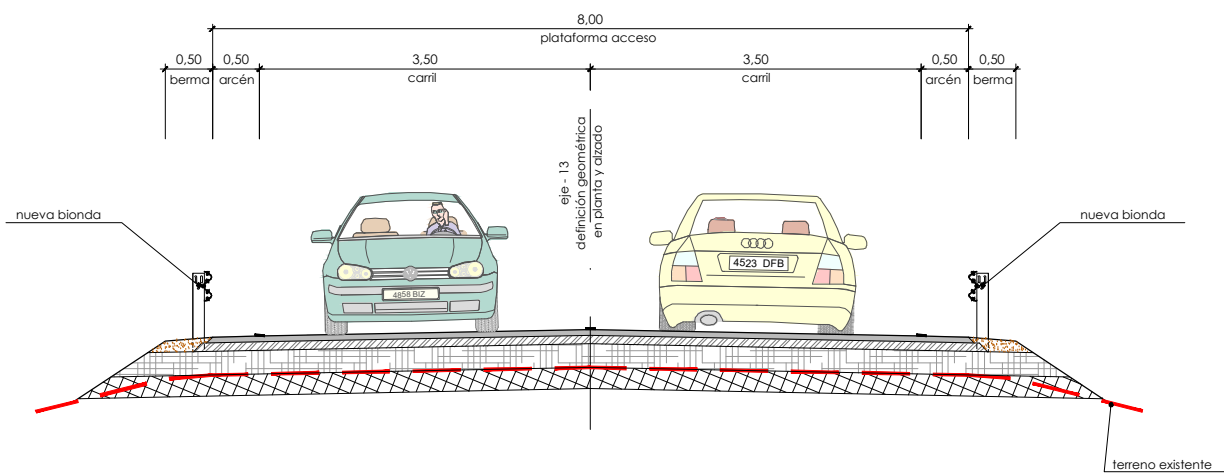


Sección tipo eje tronco incorporación Plaibarri
escala: 1/40

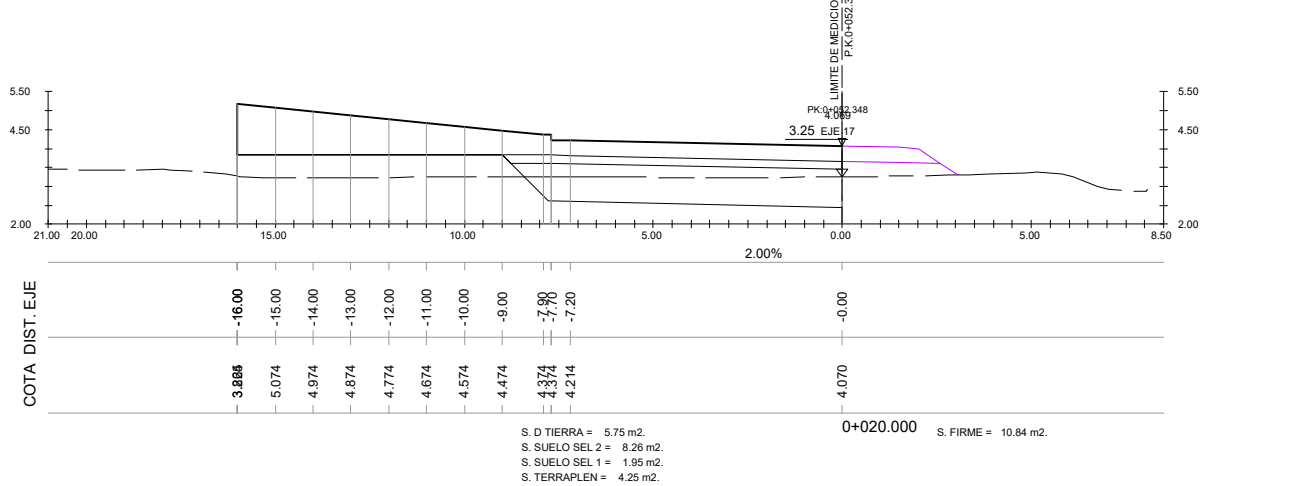
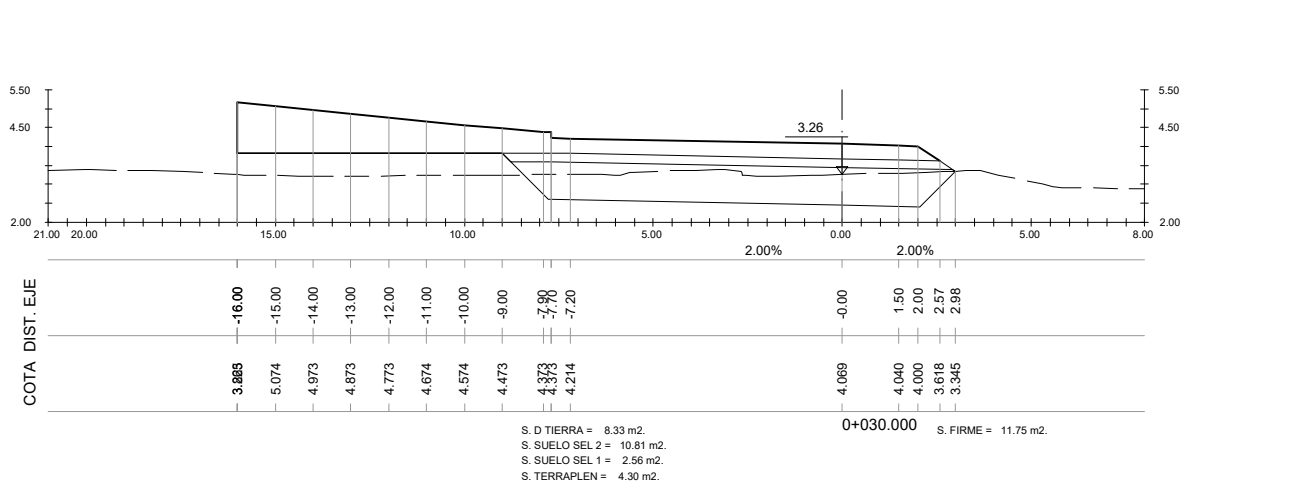
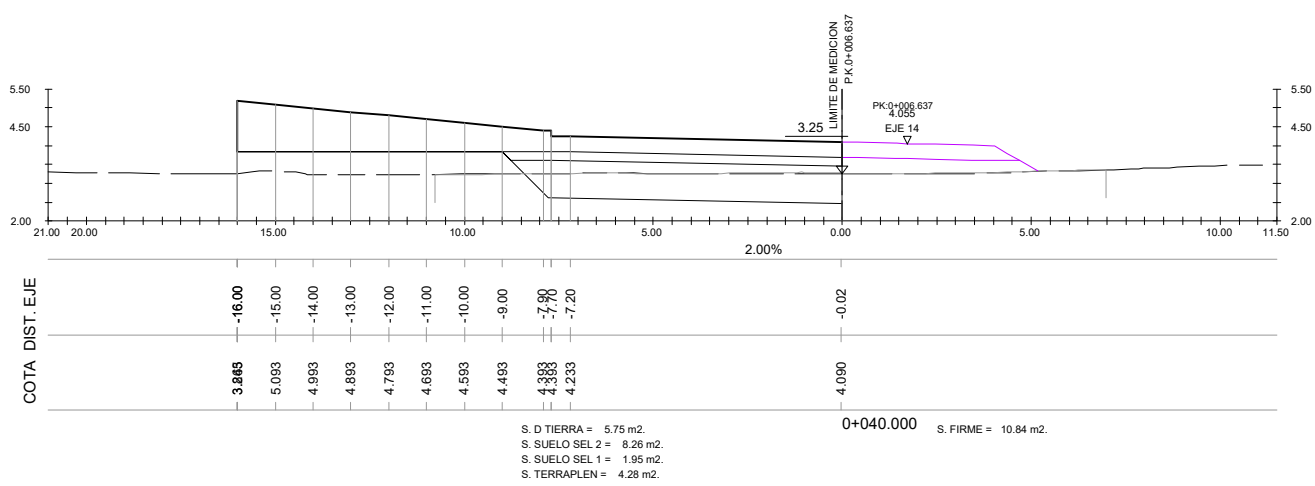
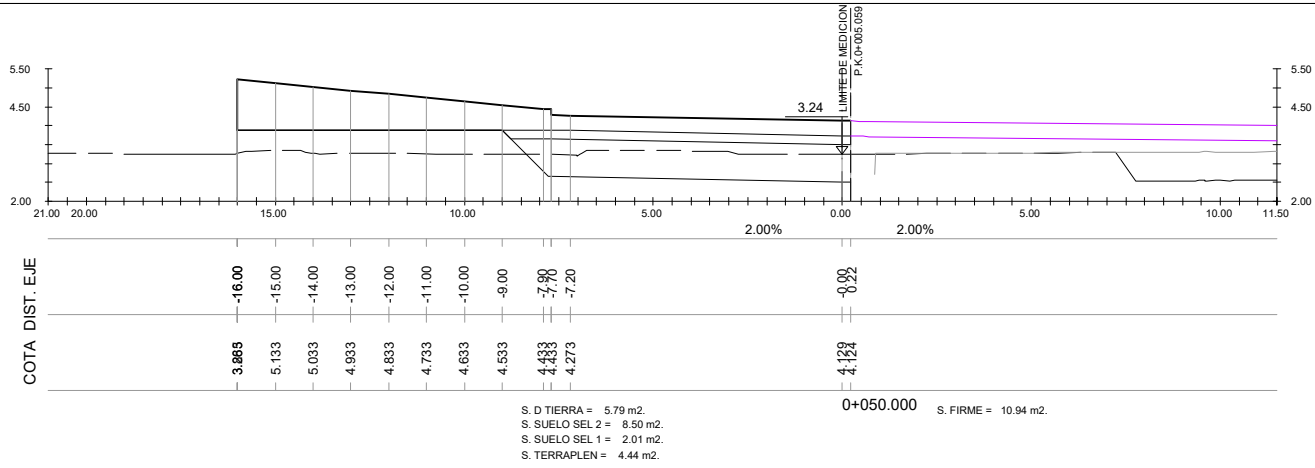
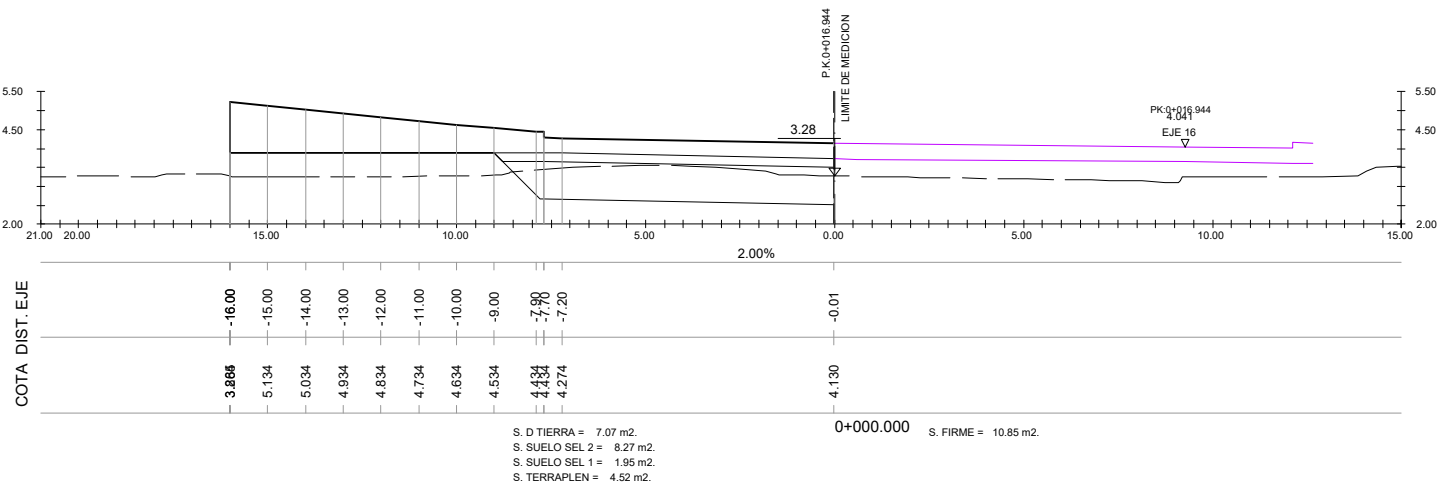
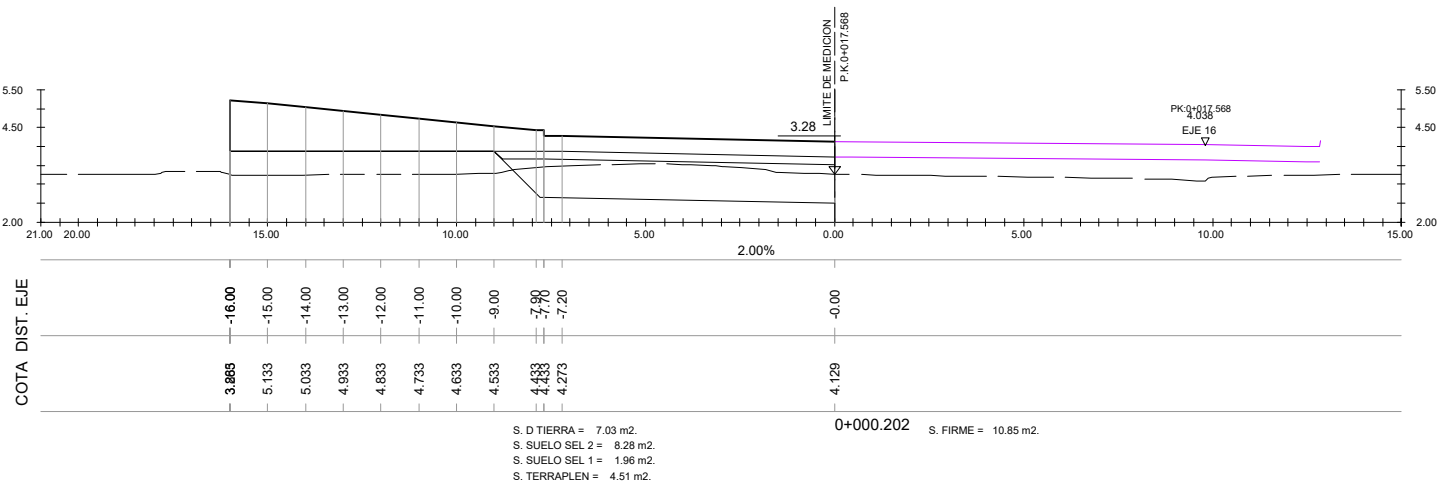
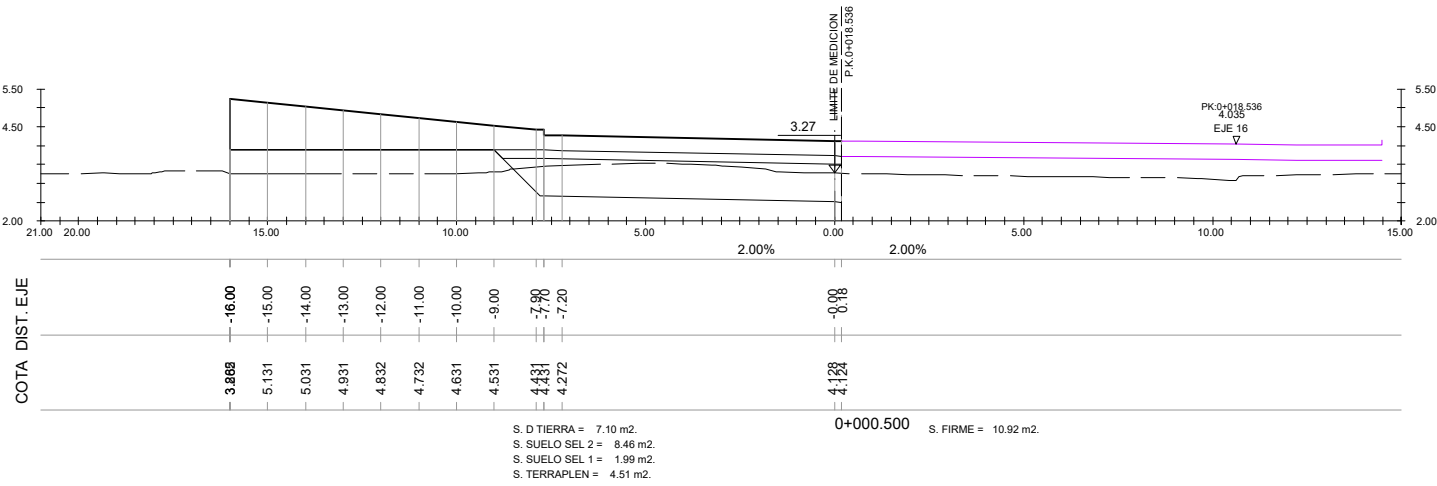
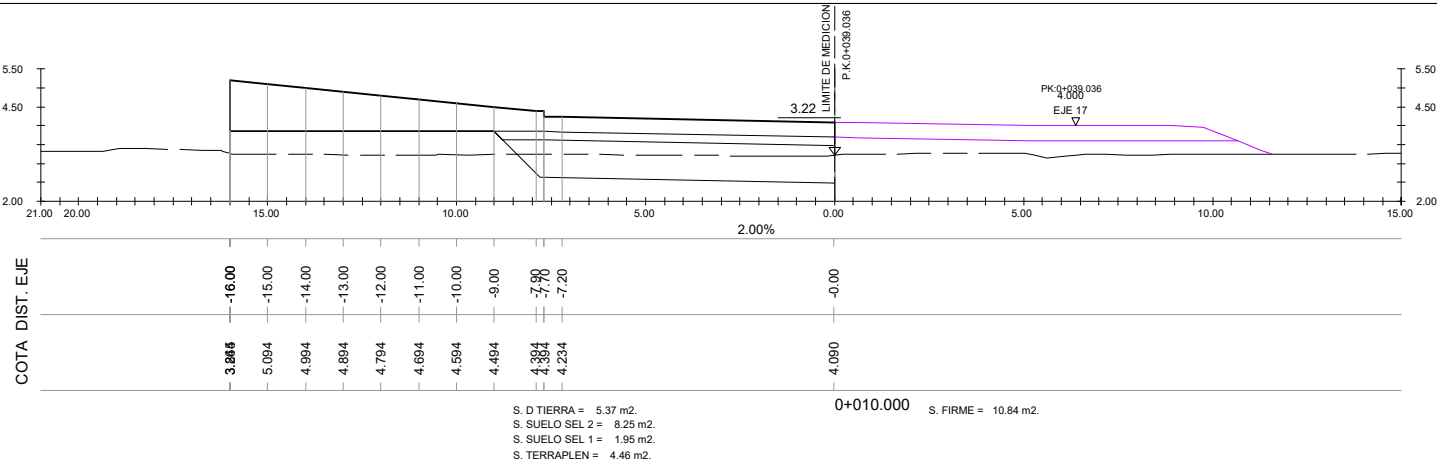
cuadro de materiales sobre granular		
tipo	material	espesor cm
a	capa de rodadura mezcla bituminosa en caliente AC22 SURF S siderúrgico	6
b	riego de adherencia c60bp4ter	9
	capa de base bituminosa en caliente AC22 base S caliza	
	riego de adherencia c60bp4ter	
c	riego de curado	25
	gravacemento	
d	S-EST3	22
e	suelo seleccionado en terraplén	100



Sección tipo rotonda Makro
escala: 1/40



Sección tipo acceso a Makro
escala: 1/40



rotonda Makro (eje 10)



azpiegiturarako eta lurralde
garapenerako saila
departameto de infraestrukturak
y desarrollo territorial

Kontzerbazio Zerbitzua
Servicio de Conservacion

aholkularia
consultor



proiektu izenburua / título del proyecto:

Proyecto de trazado para la reordenación de la carretera BI-735
en el entorno de Makro en Asua (T.M. de Erandio)

gakoak
clave

data
fecha

Febrero 2022

izendura / designación

perfiles transversales
tronco y rotonda. hoja 1

eskala (k) / escala (s)

1/100

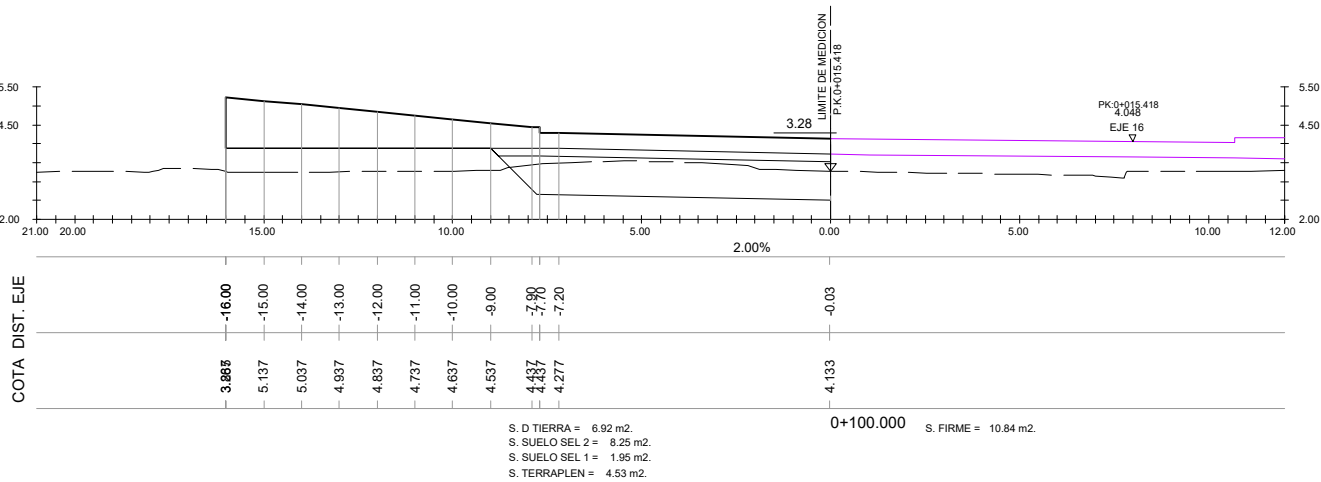
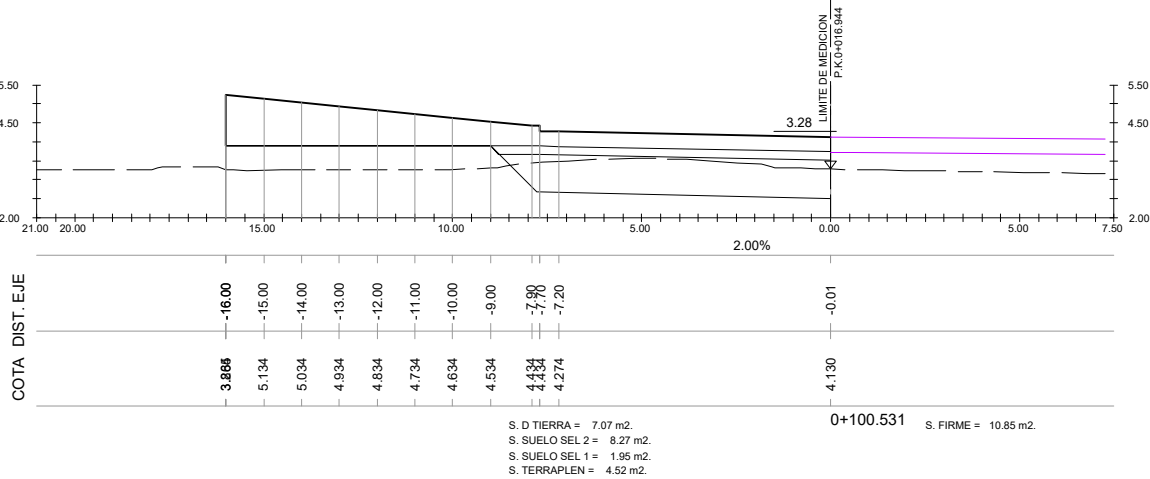
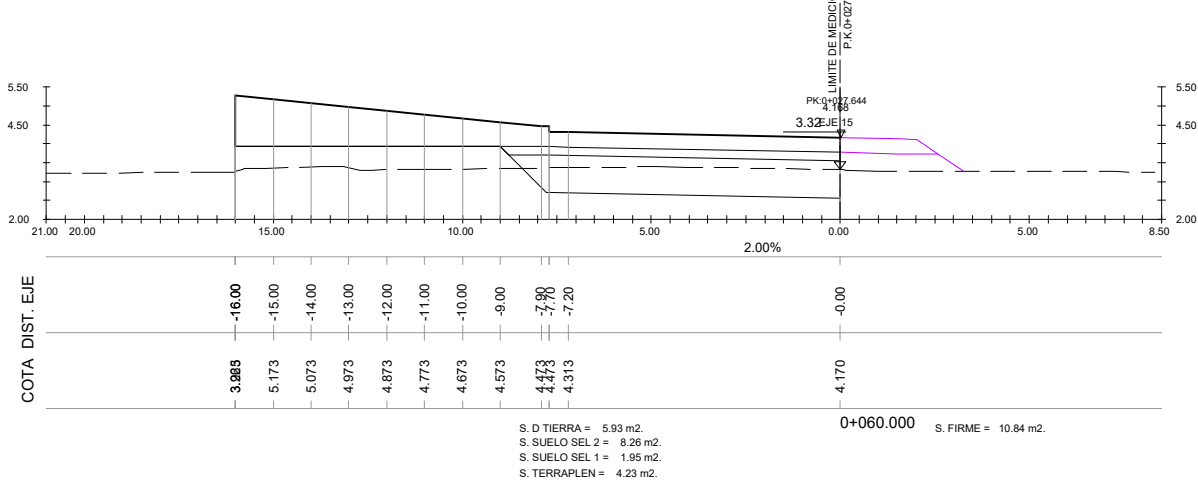
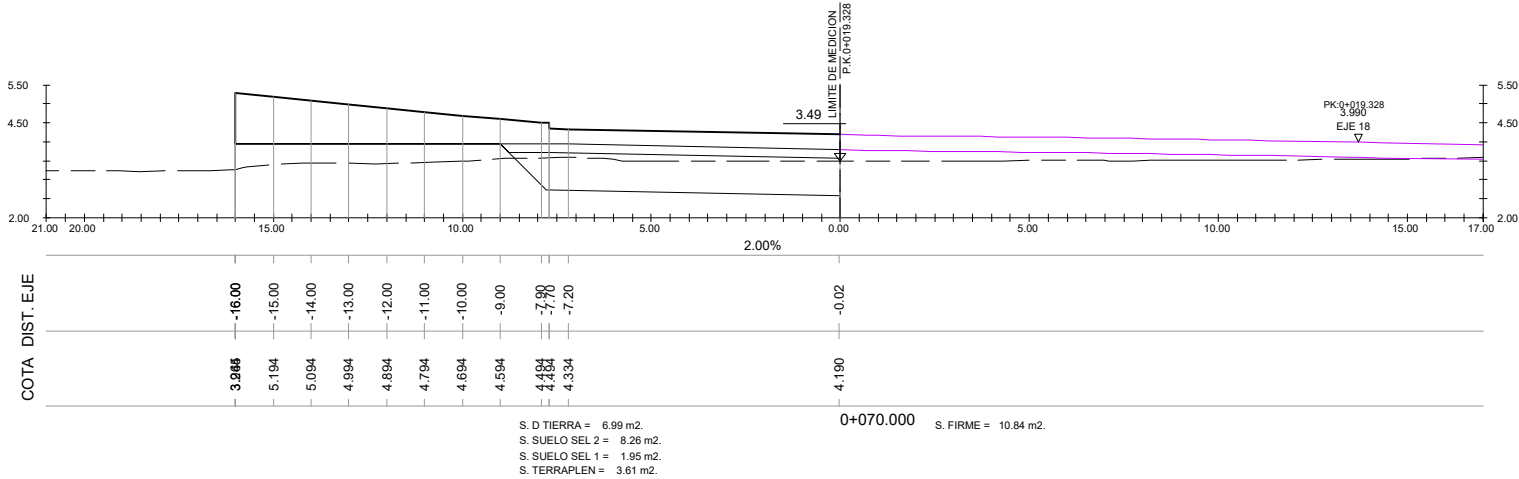
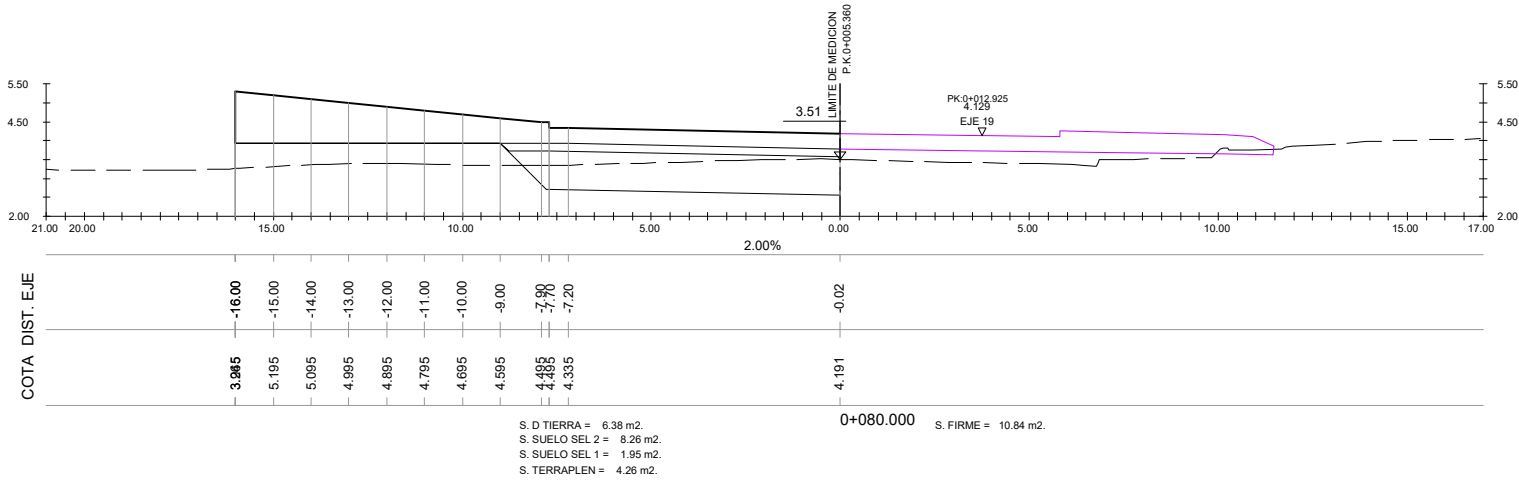
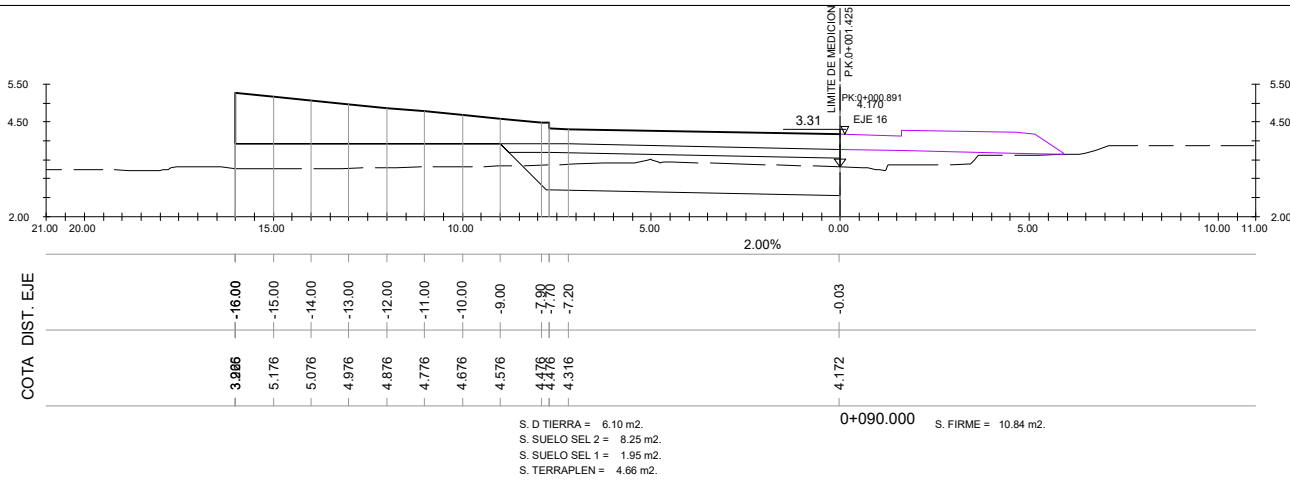
(escala original en a1)

z^{bia} / n^o:

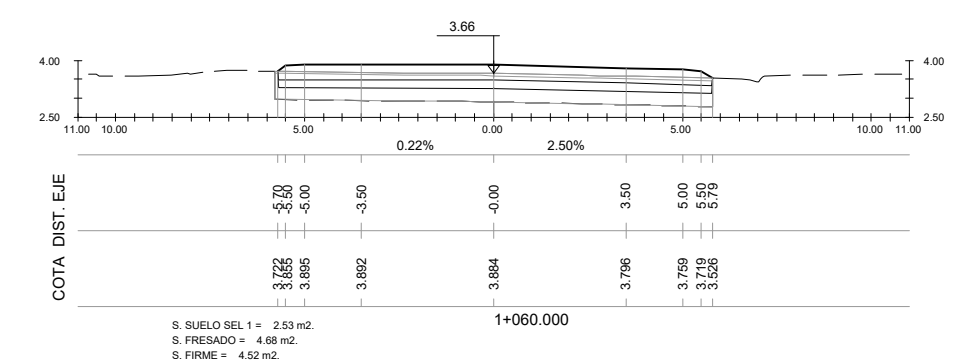
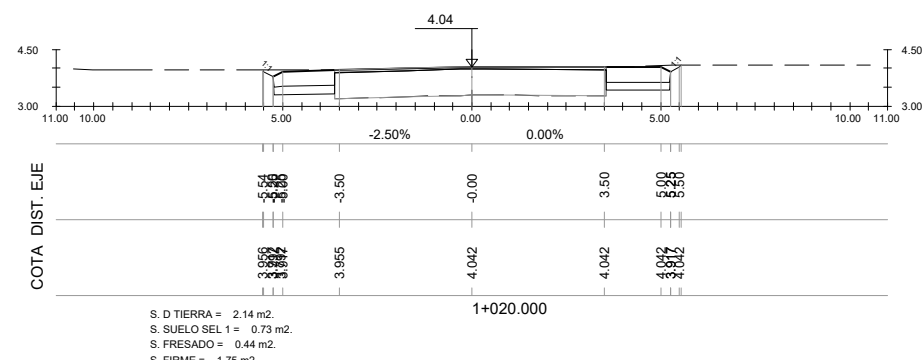
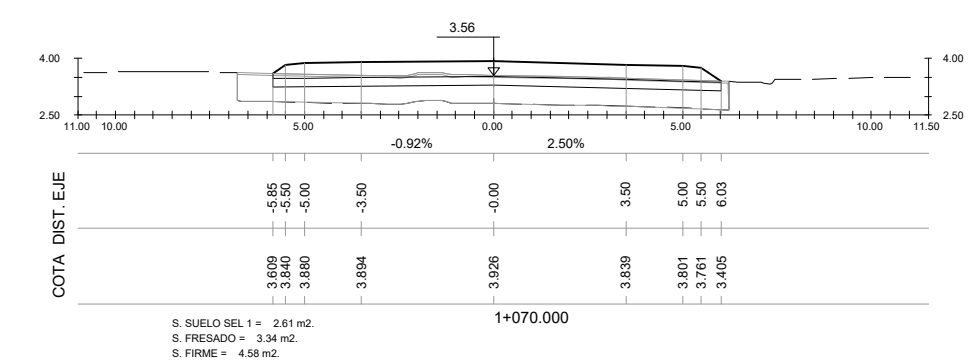
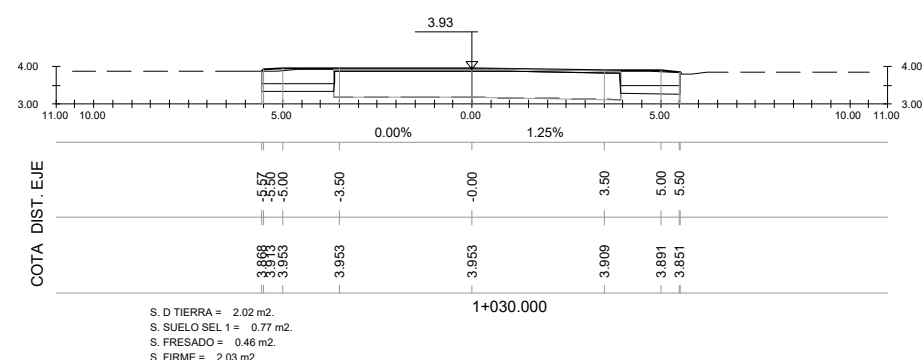
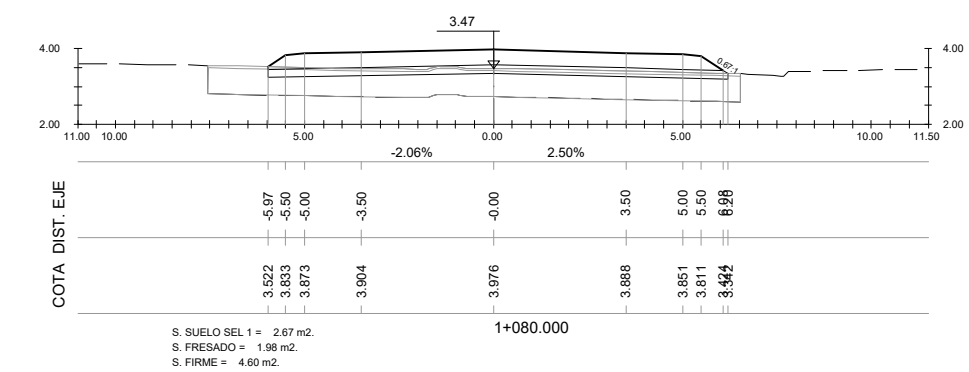
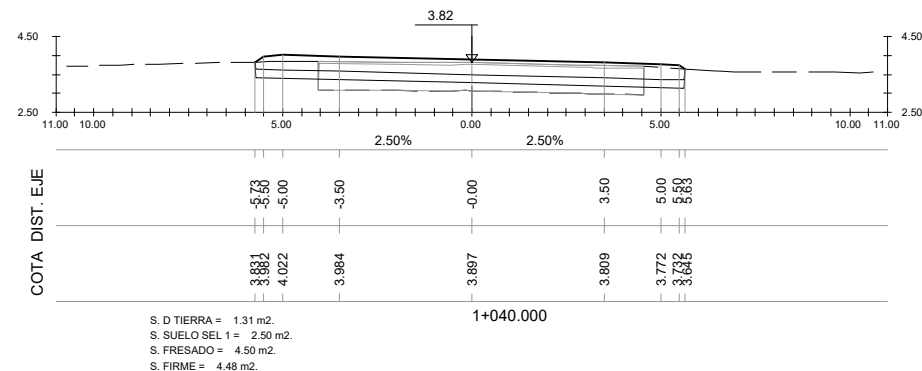
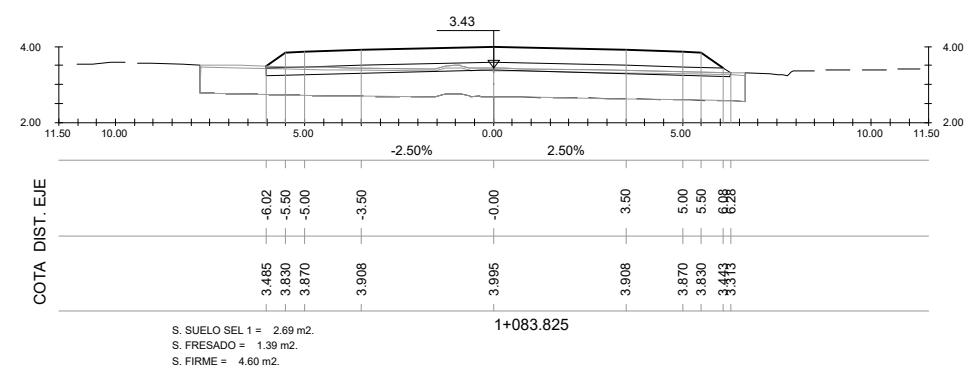
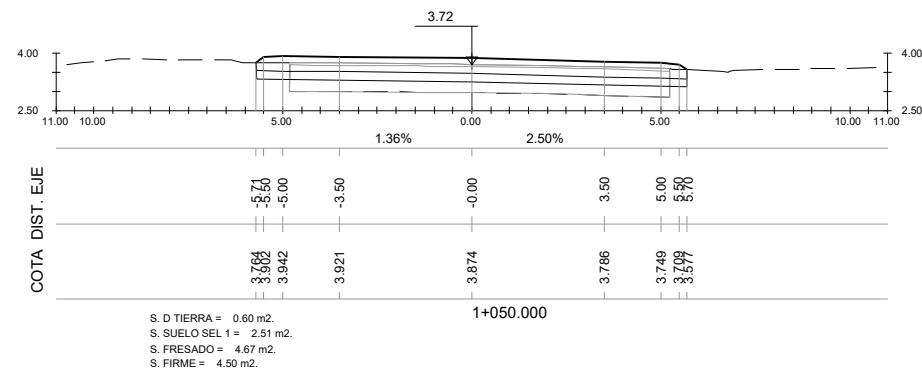
5.1

13 tik 1 orria

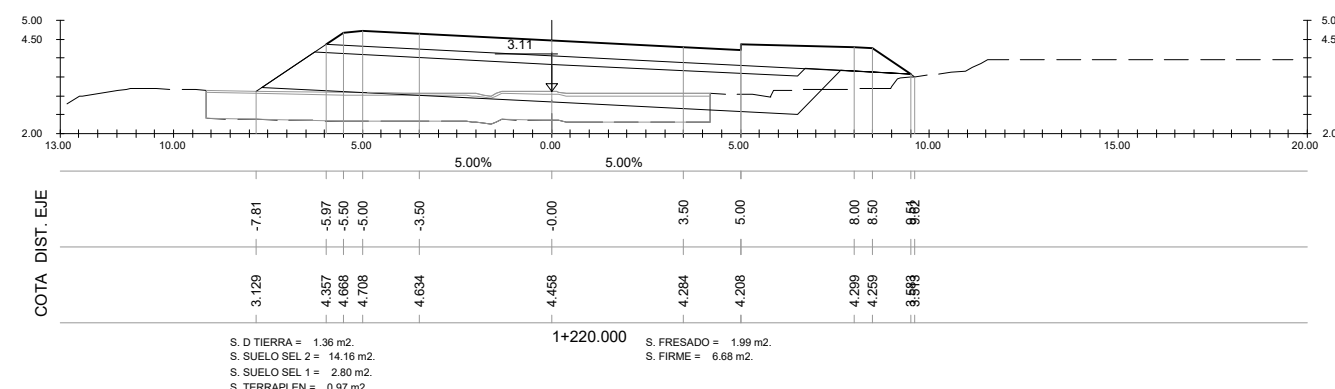
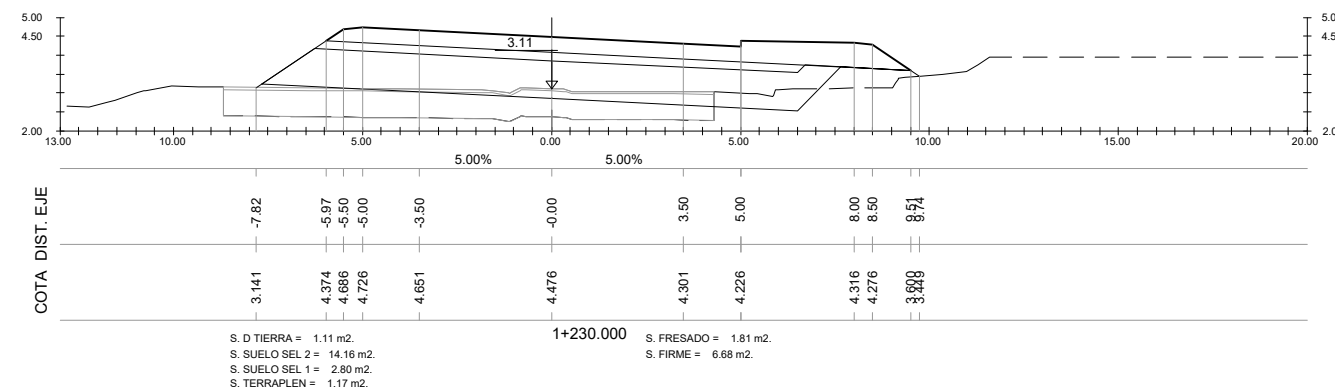
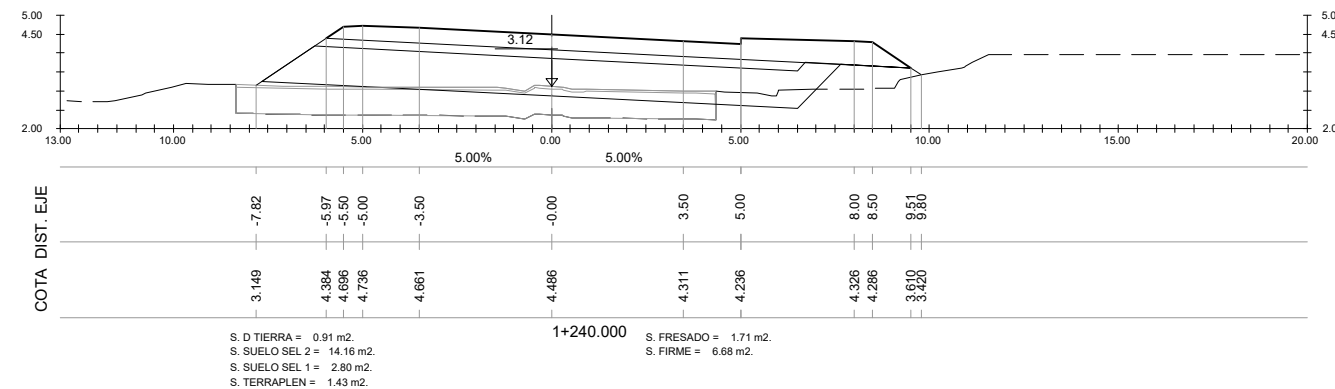
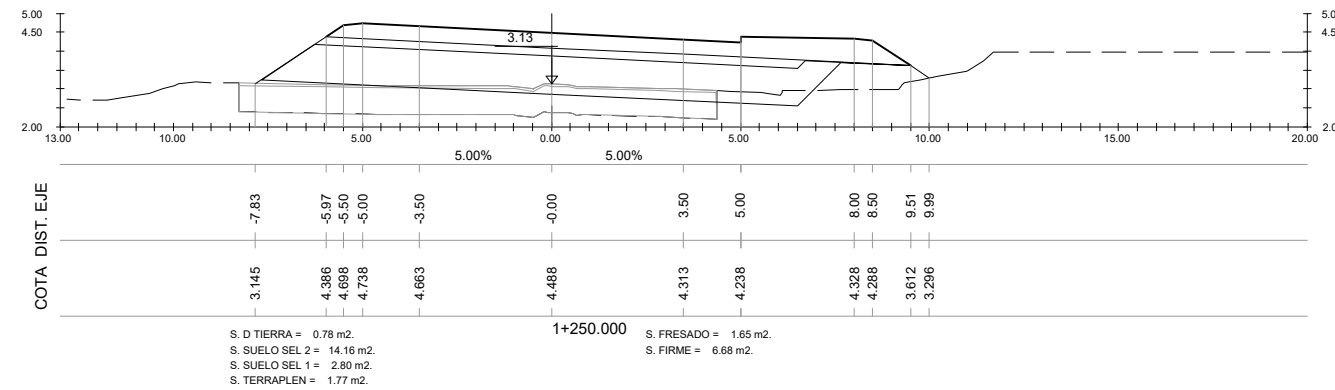
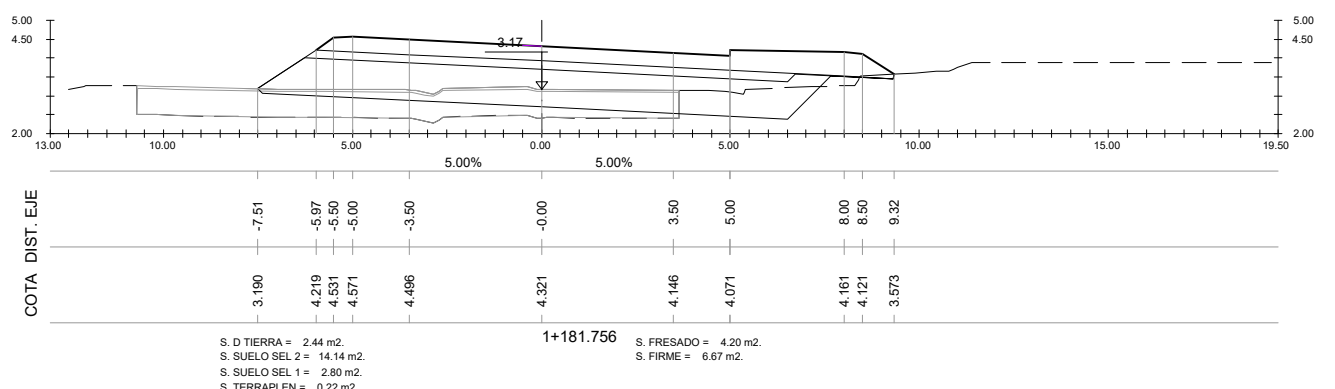
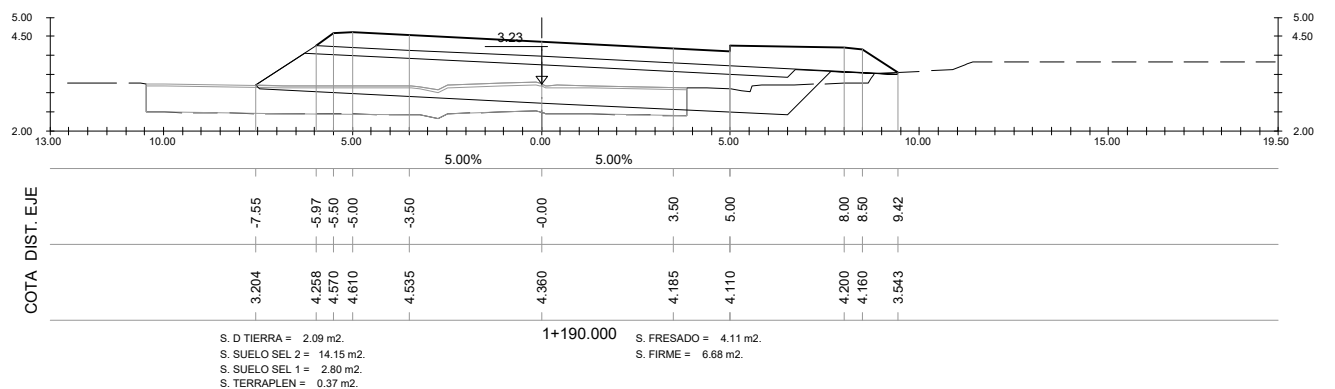
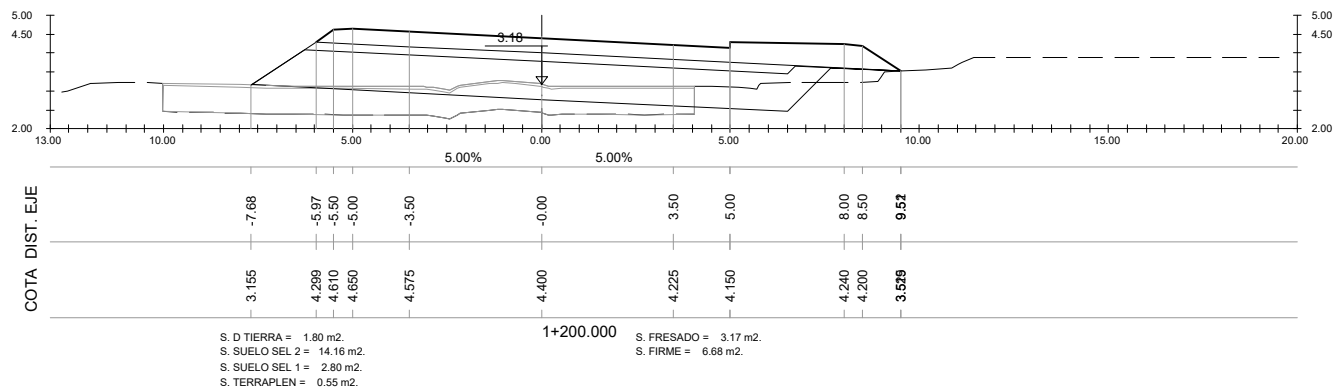
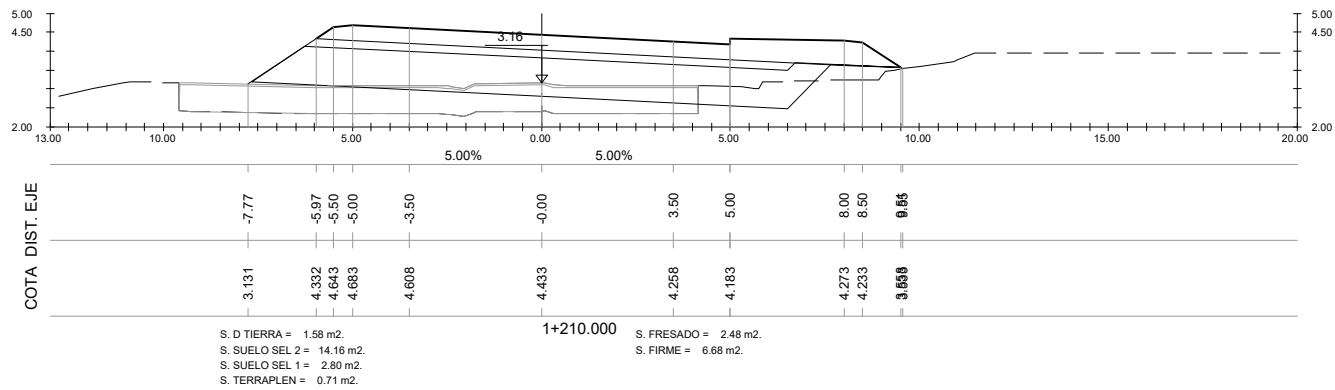
hoja 1 de 13



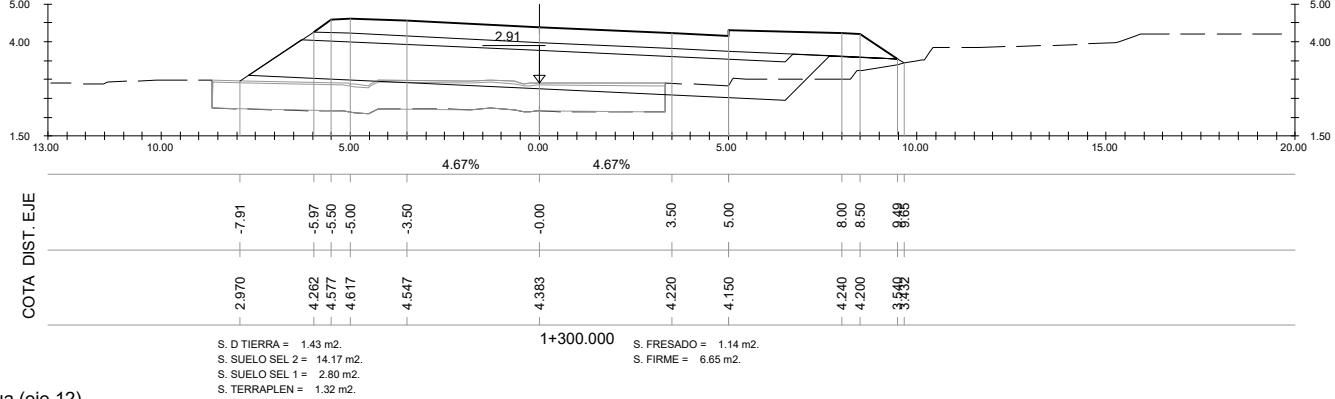
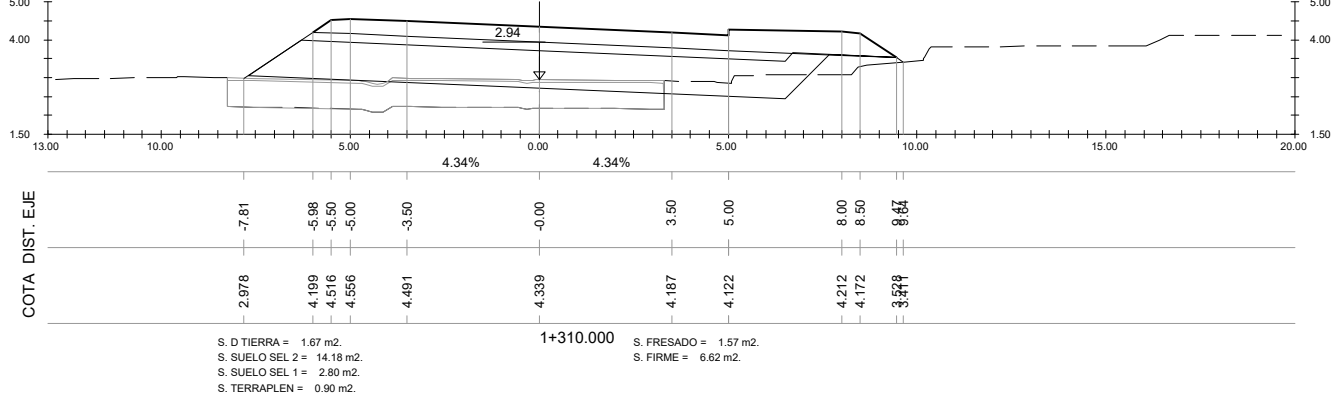
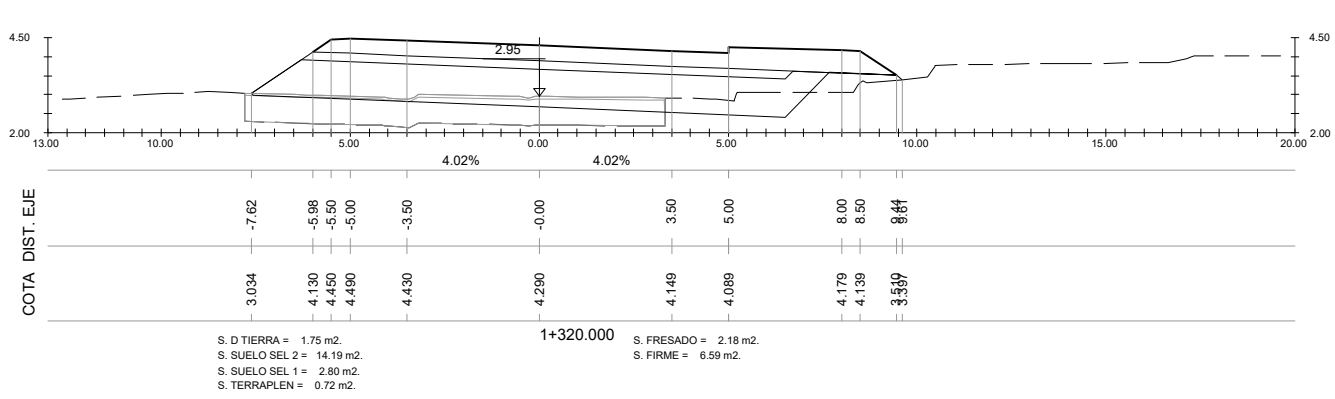
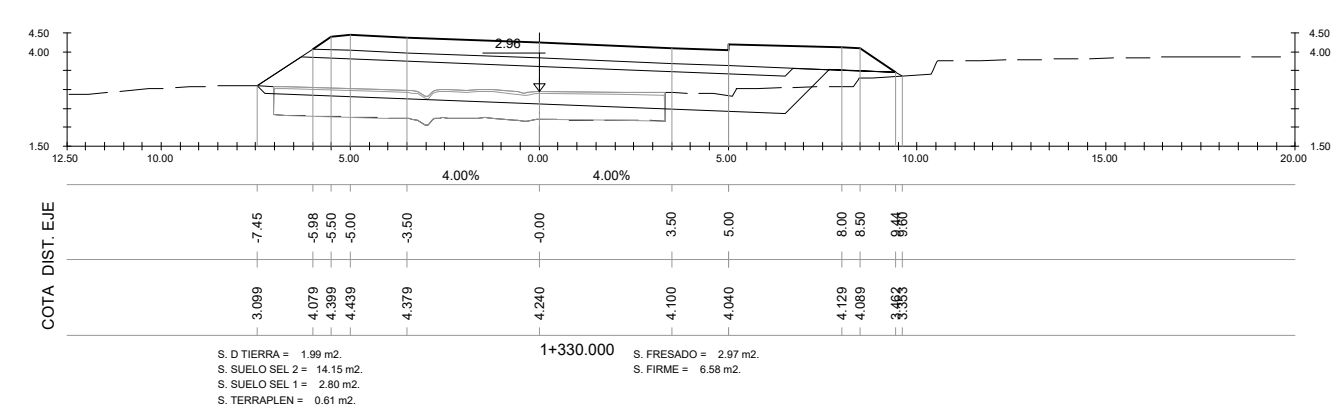
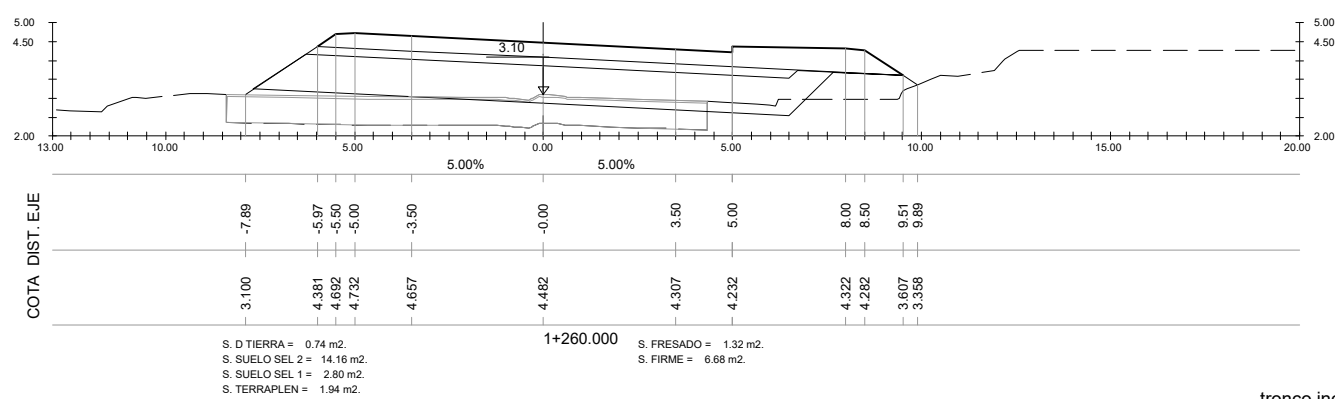
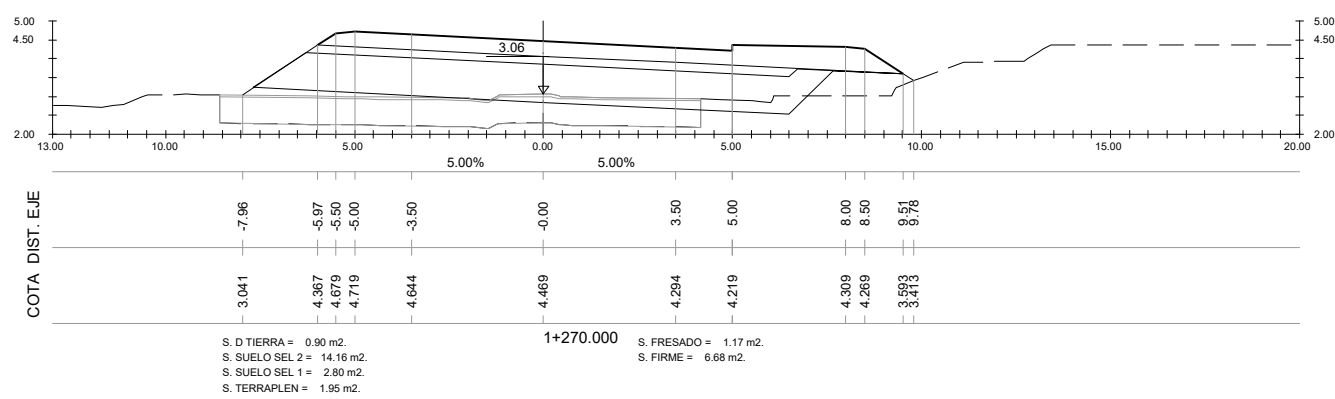
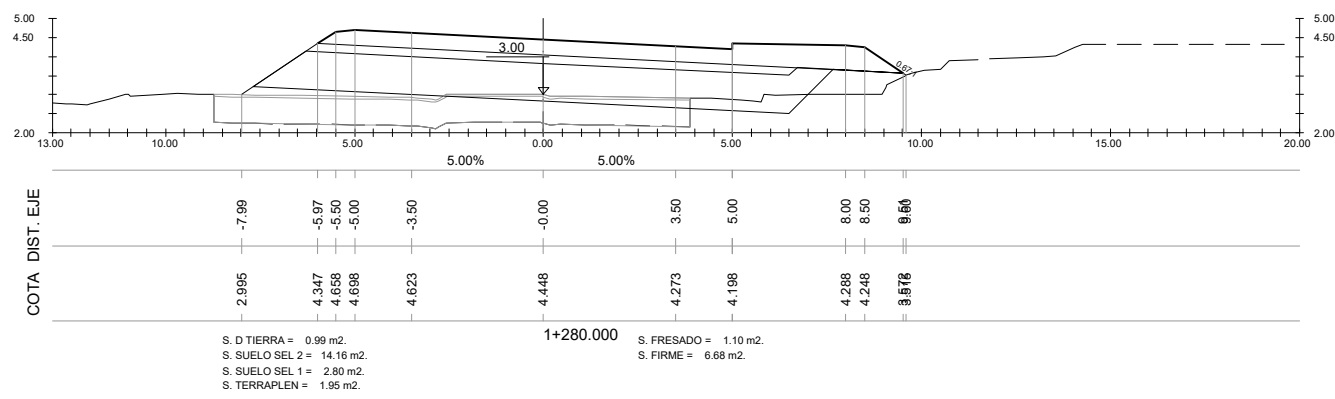
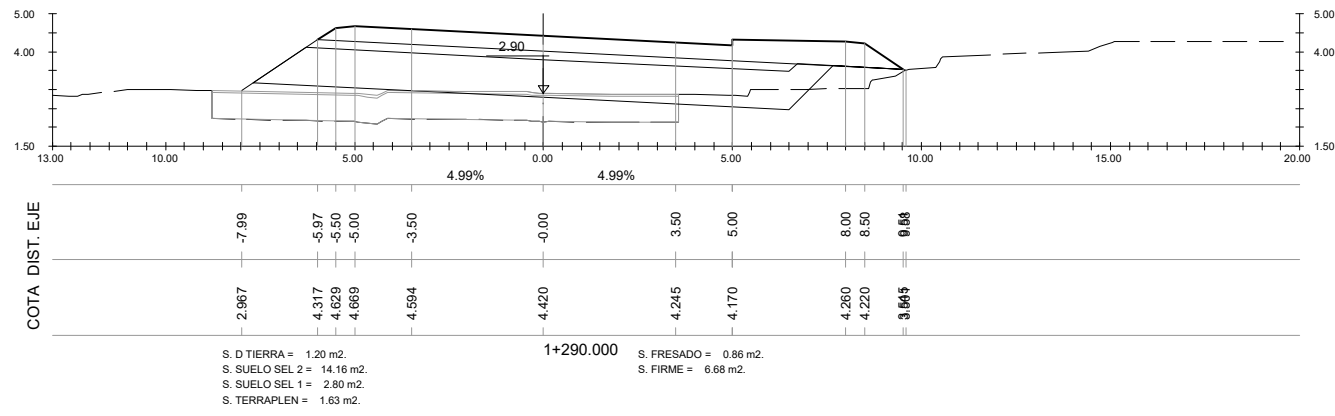
rotonda Makro (eje 10)



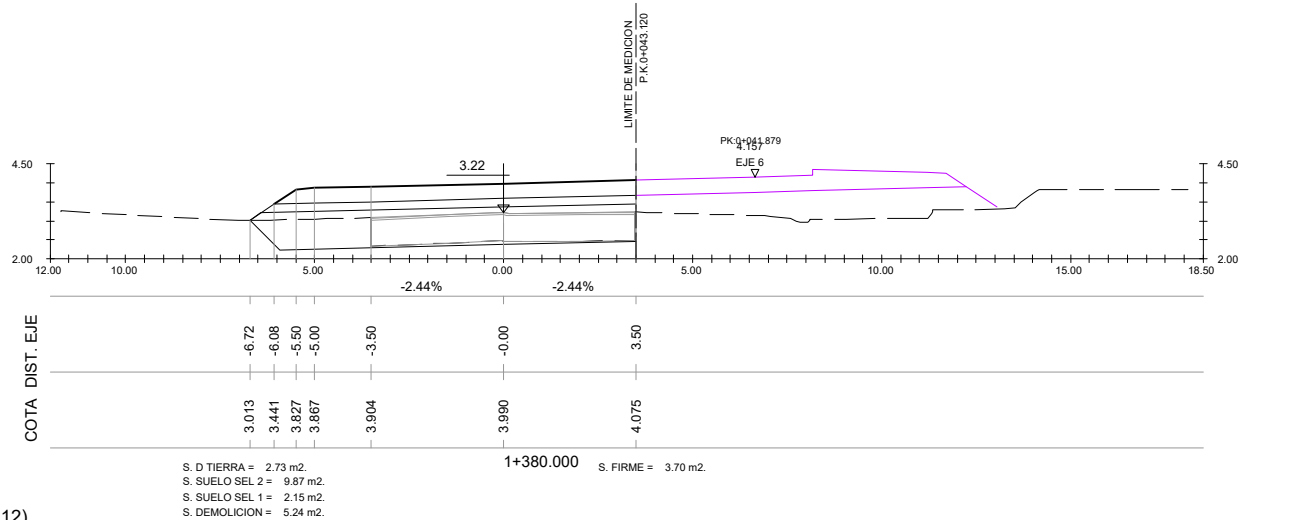
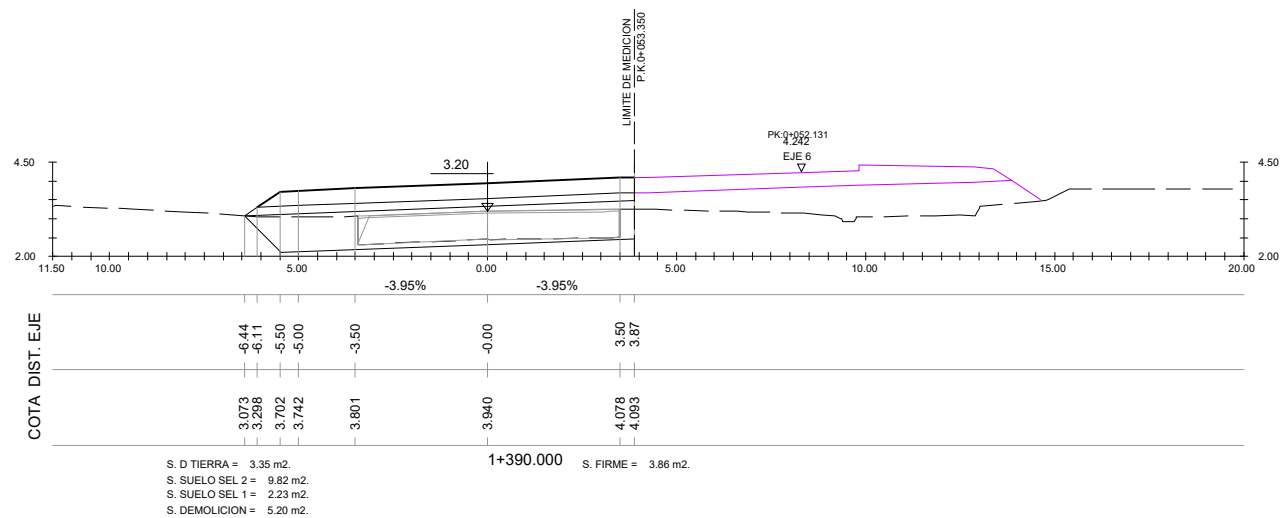
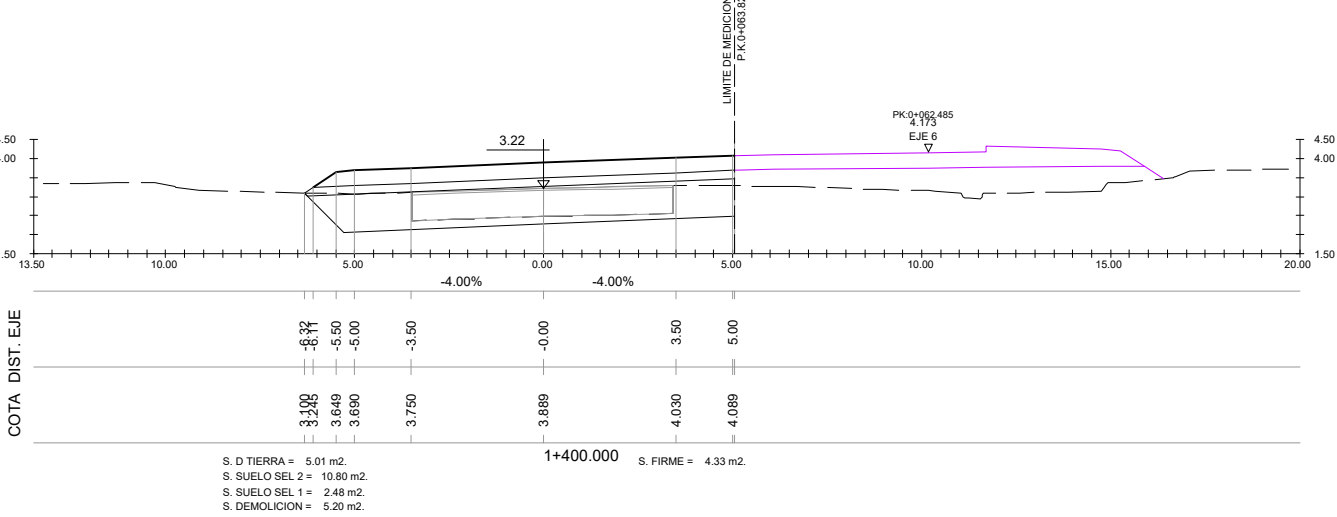
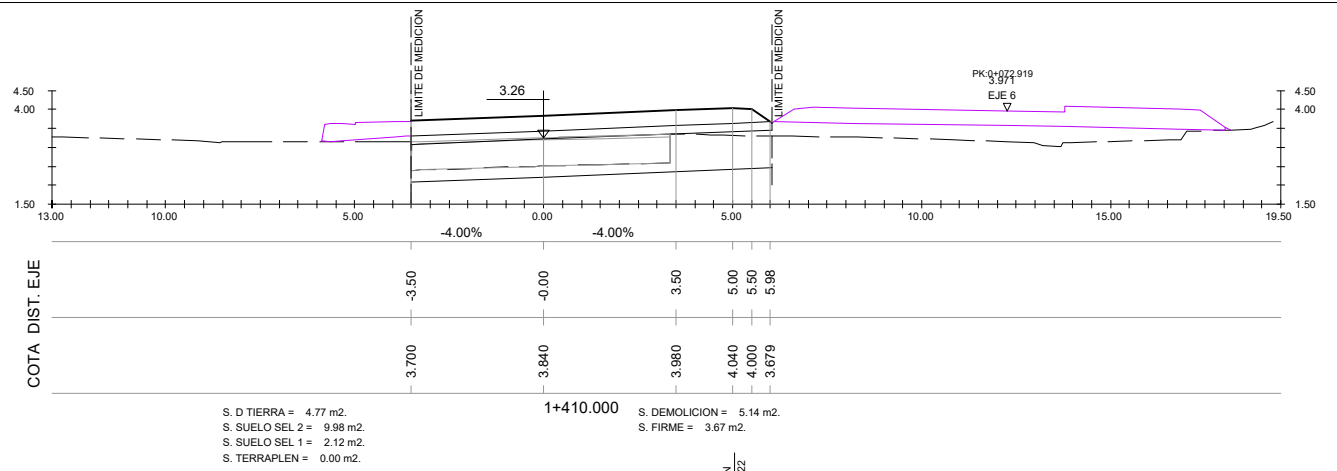
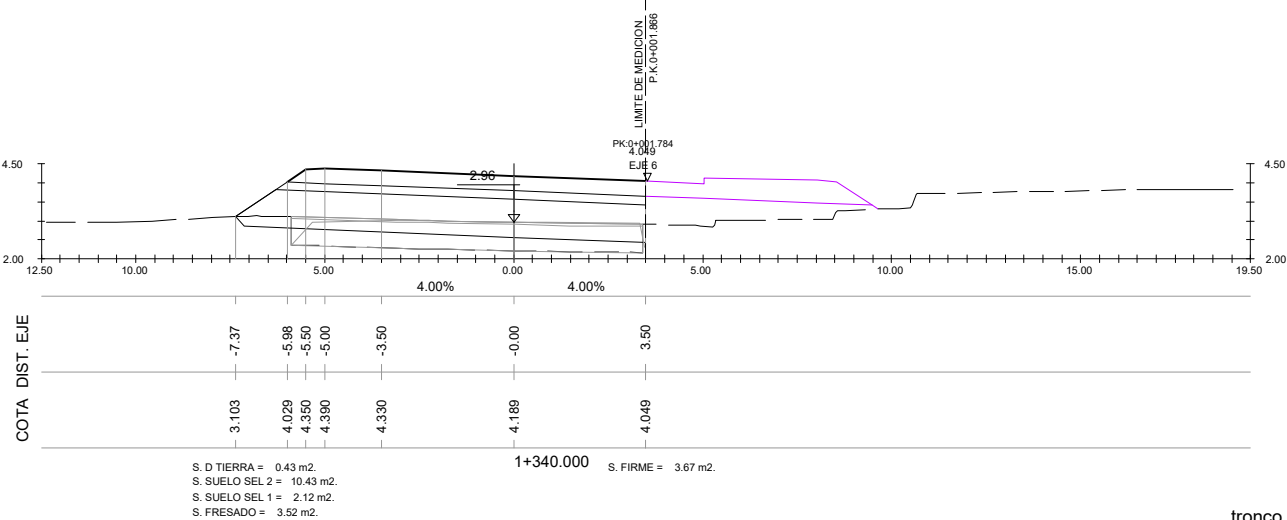
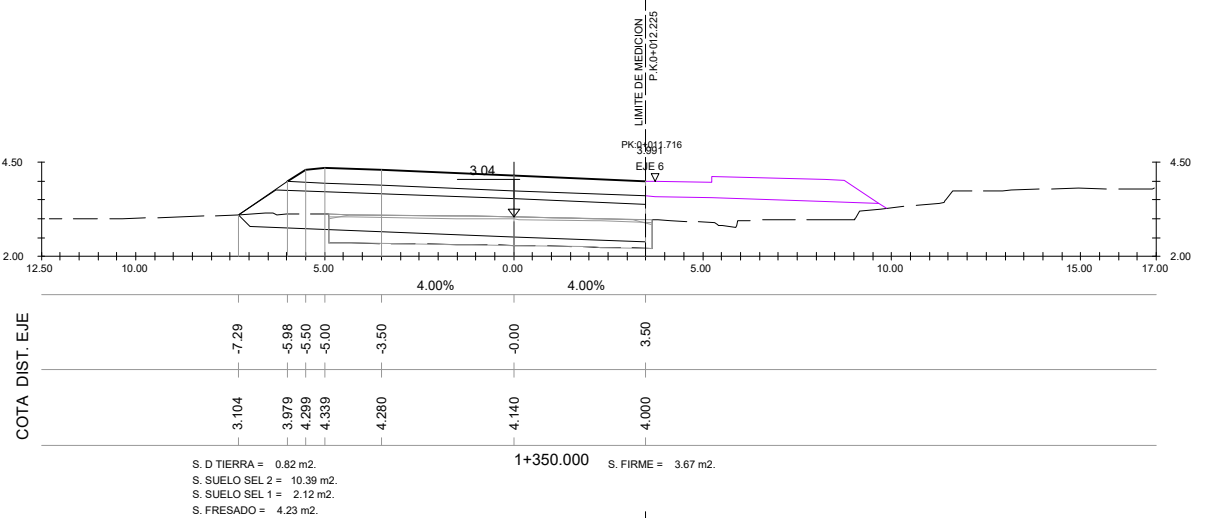
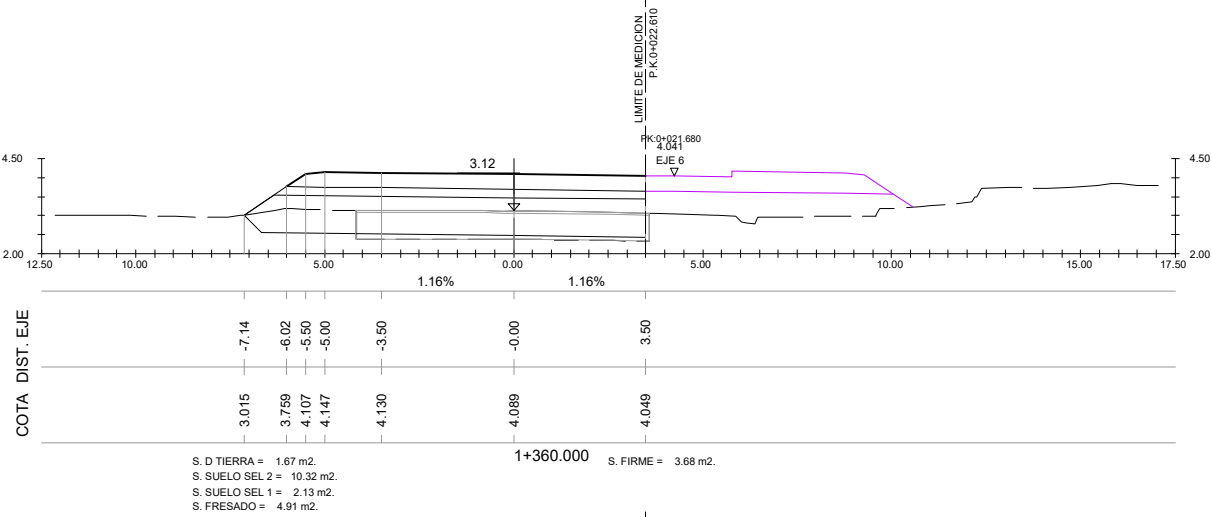
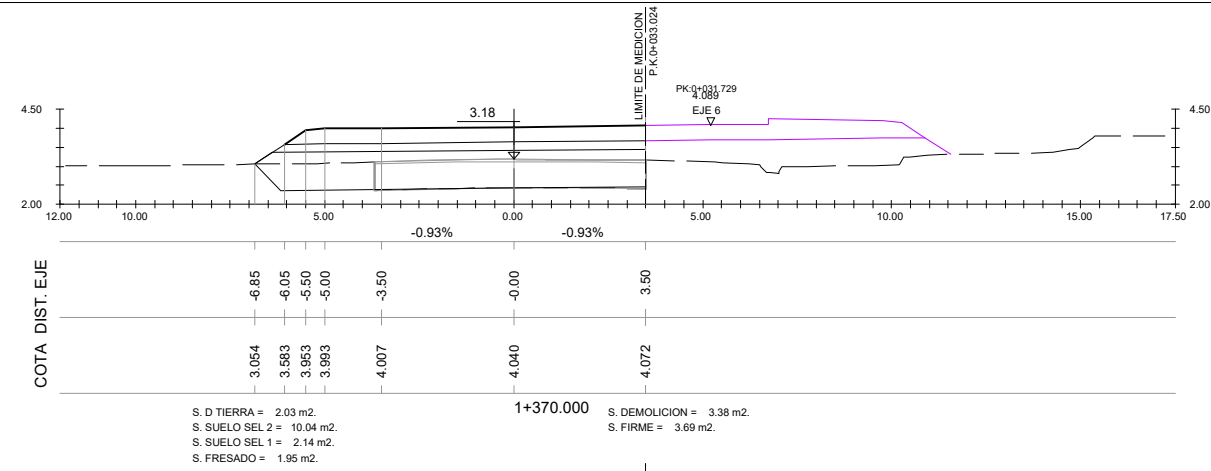
tronco incorporación Plaiabarri (eje 11)



tronco incorporación Asua (eje 12)



tronco incorporación Asua (eje 12)



tronco incorporación Asua (eje 12)



azpegiarantzako eta lurralde
garapenerako saila
departamentu de infraestruturas
y desarrollo territorial

Kontzerbazio Zerbitzua
Servicio de Conservacion

aholkularia
consultor



proiektu izenburua / título del proyecto:

Proyecto de trazado para la reordenación de la carretera BI-735
en el entorno de Makro en Asua (T.M. de Erandio)

gakoak
clave

data
fecha

Febrero 2022

izendura / designación

perfiles transversales
tronco y rotonda. hoja 3

eskala (k) / escala (s)

1/100

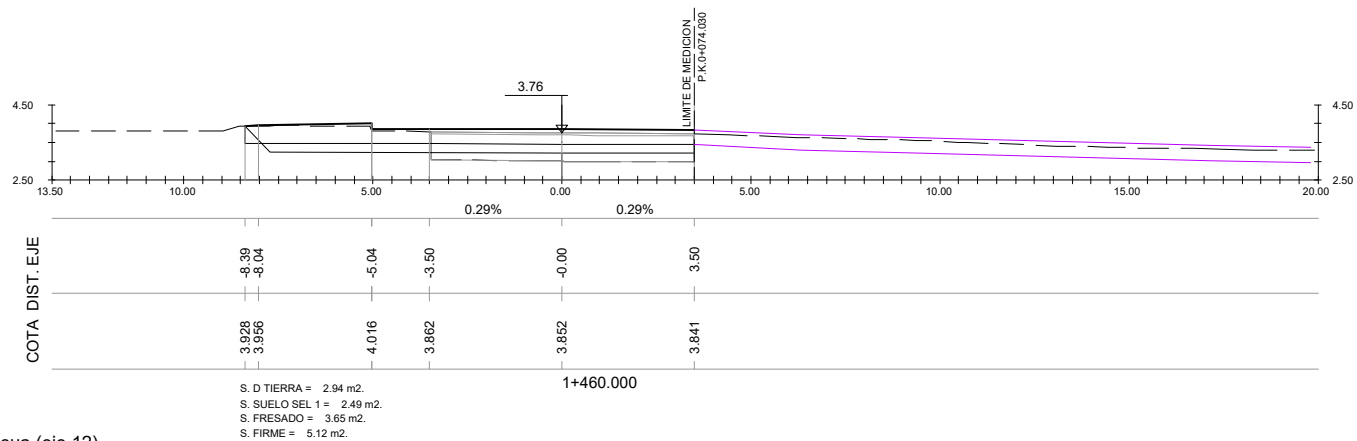
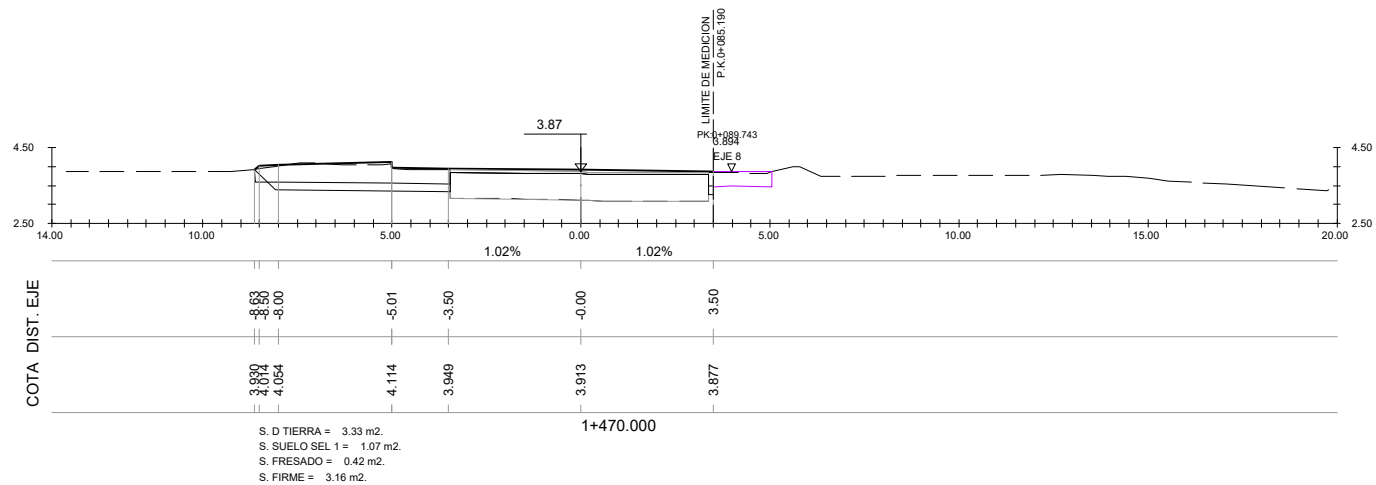
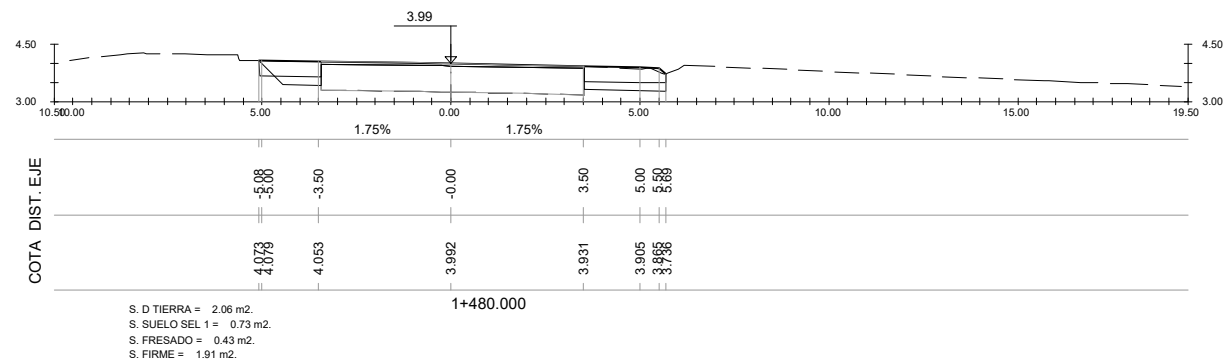
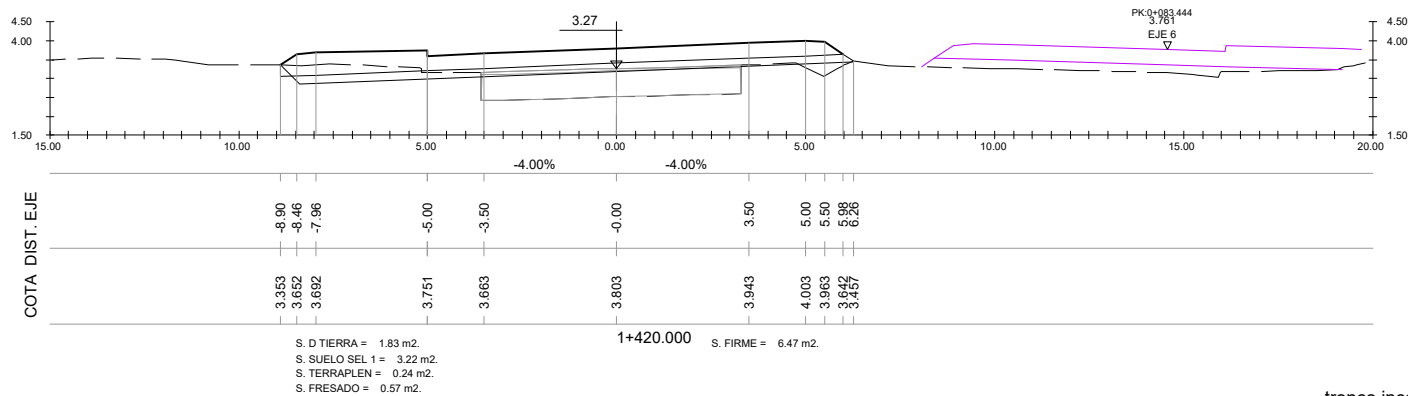
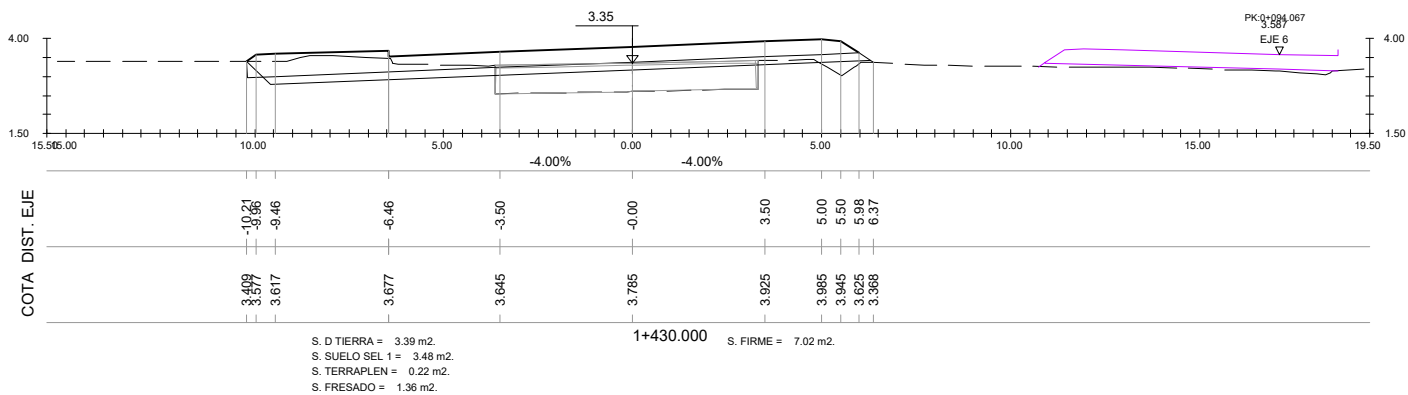
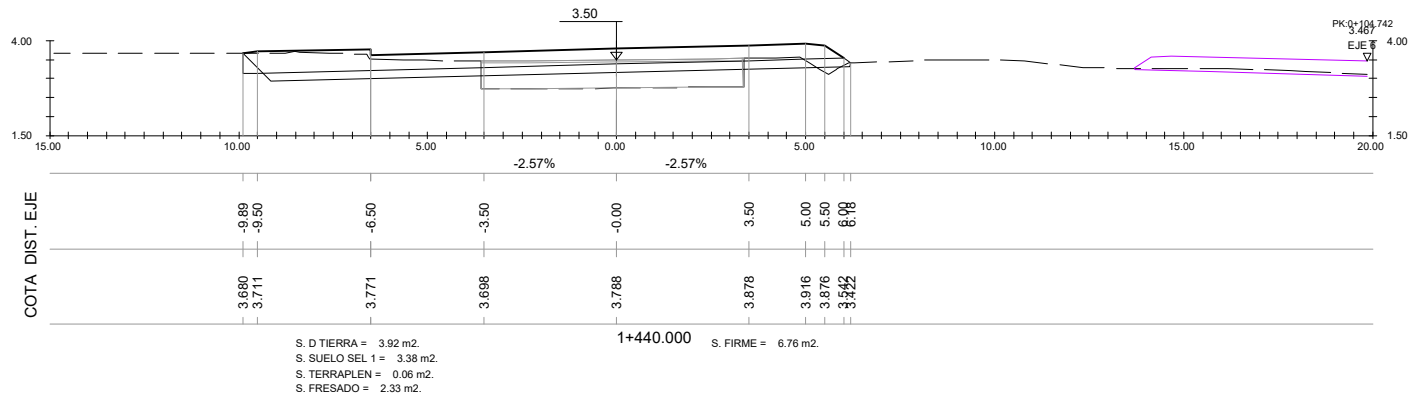
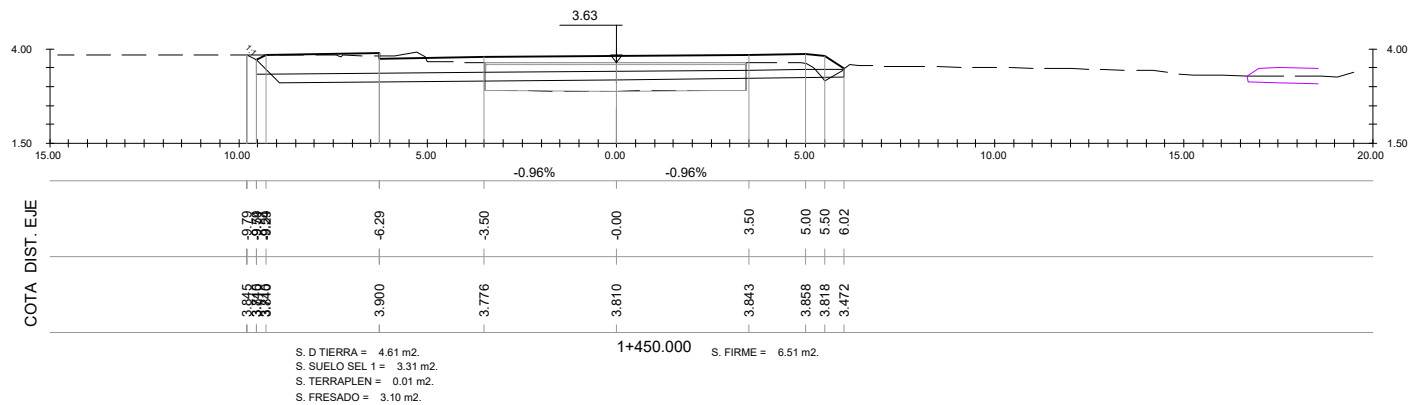
(escala original en a1)

z^{bia} / n^o:

5.1

13 tik 6 orria

hoja 6 de 13



tronco incorporación Asua (eje 12)



azpegiarantzako eta lurralde
garapenerako saila
departamento de infraestructuras
y desarrollo territorial

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Servicio de Conservacion

aholkularia
consultor



proiektu izenburua / título del proyecto:

Proyecto de trazado para la reordenación de la carretera BI-735
en el entorno de Makro en Asua (T.M. de Erandio)

gakoak
clave

data
fecha Febrero 2022

izendura / designación

perfiles transversales
tronco y rotonda. hoja 4

eskala (k) / escala (s)

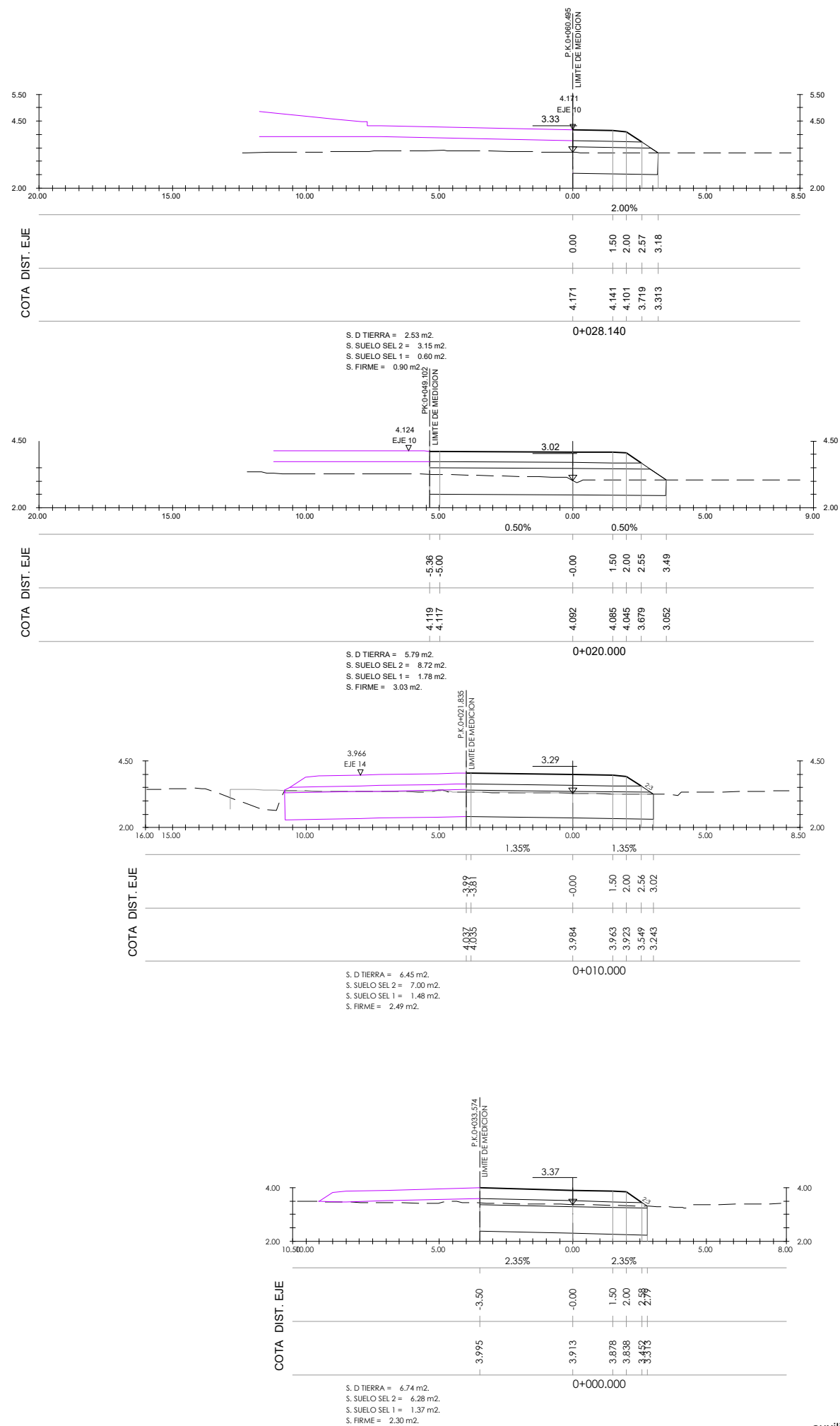
1/100
(escala original en a1)

z. b. / n.º :

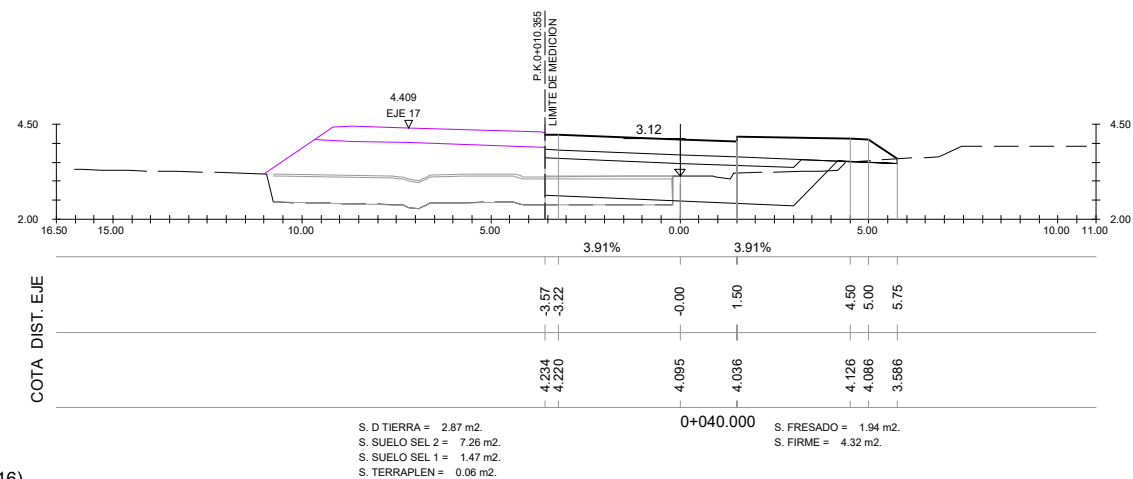
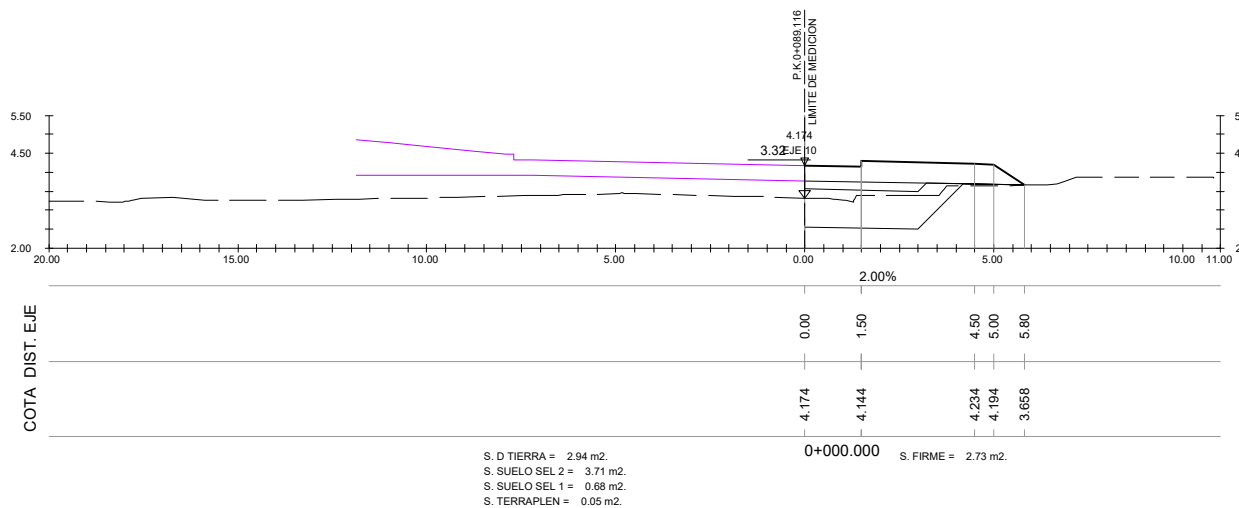
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13 tik 7 orria

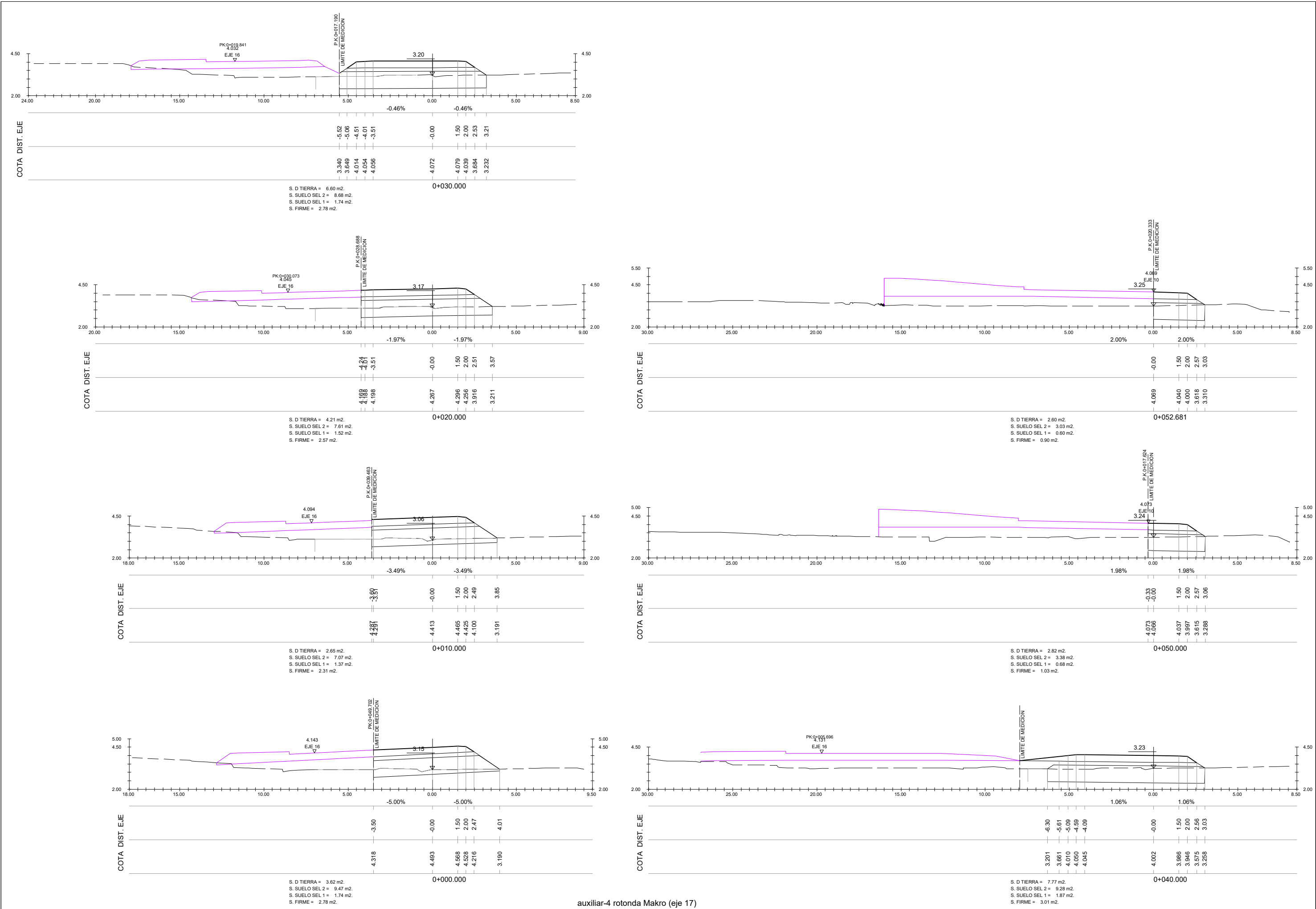
hoja 7 de 13



auxiliar-2 rotonda Makro (eje 15)



13 tik 10 orria
 hoja 10 de 13



auxiliar-4 rotonda Makro (eje 17)



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garapenerako saila
departamentu de infraestrukturak
y desarrollo territorial

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consultor



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Proyecto de trazado para la reordenación de la carretera BI-735
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clave

data
fecha Febrero 2022

izenburua / designación

perfiles transversales
tronco y rotonda. hoja 1

eskala (k) / escala (s)

1/100

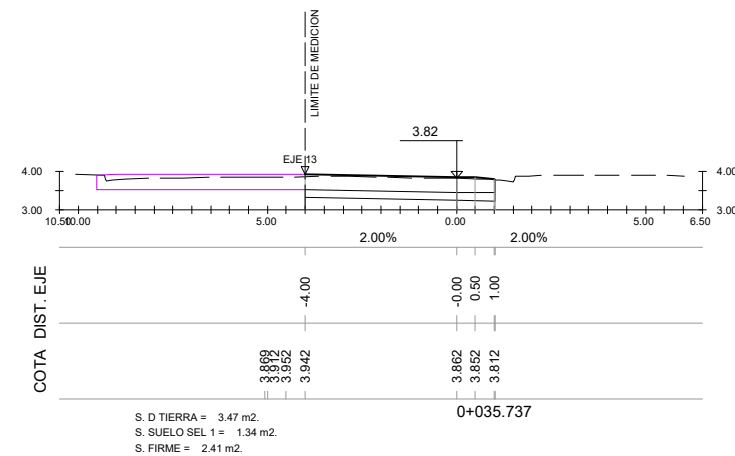
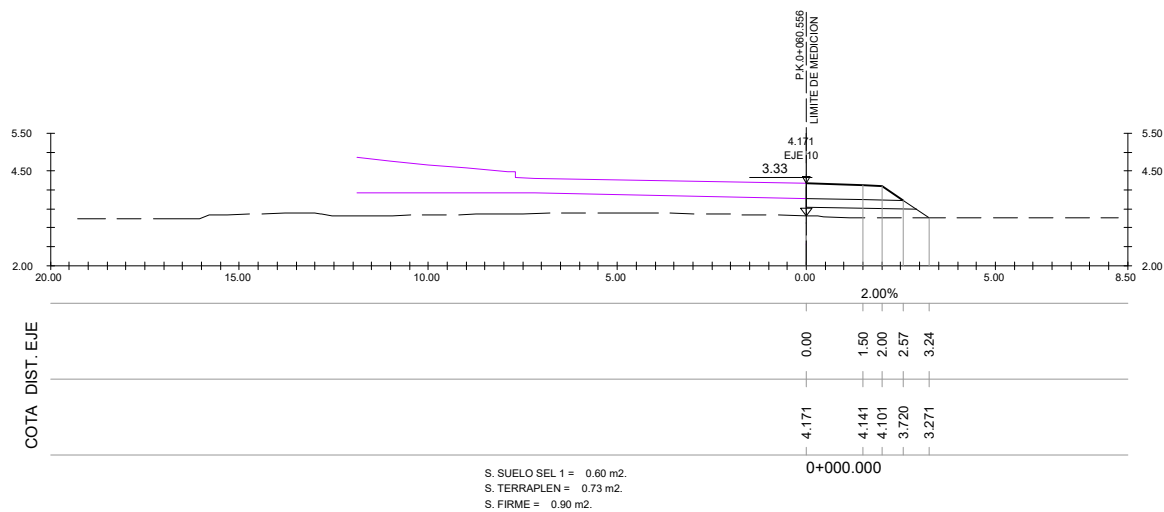
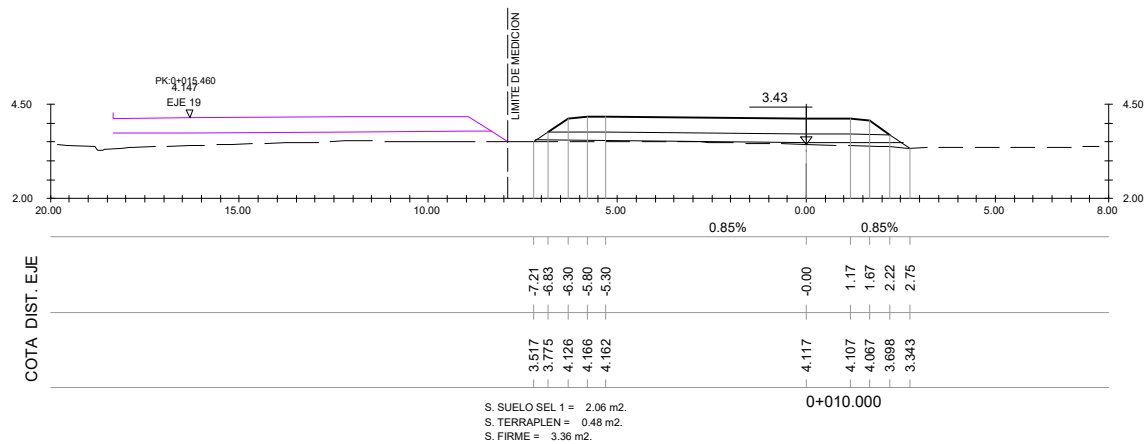
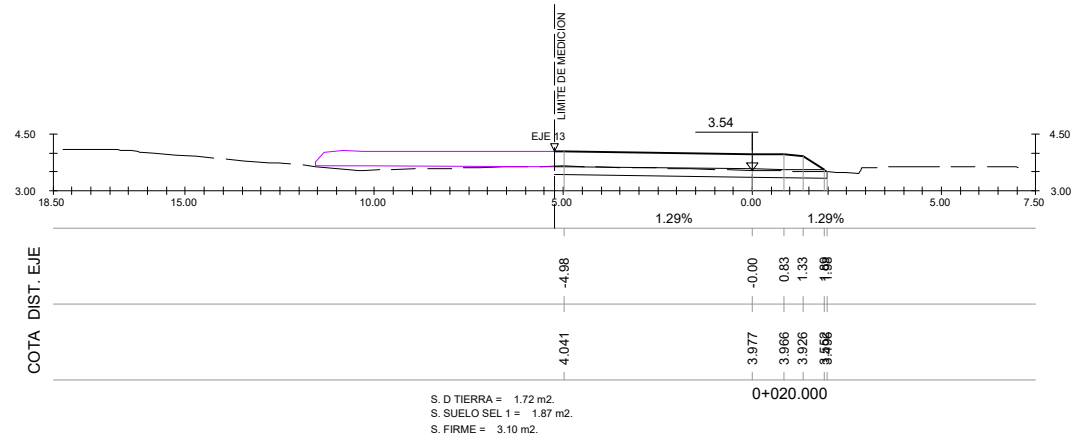
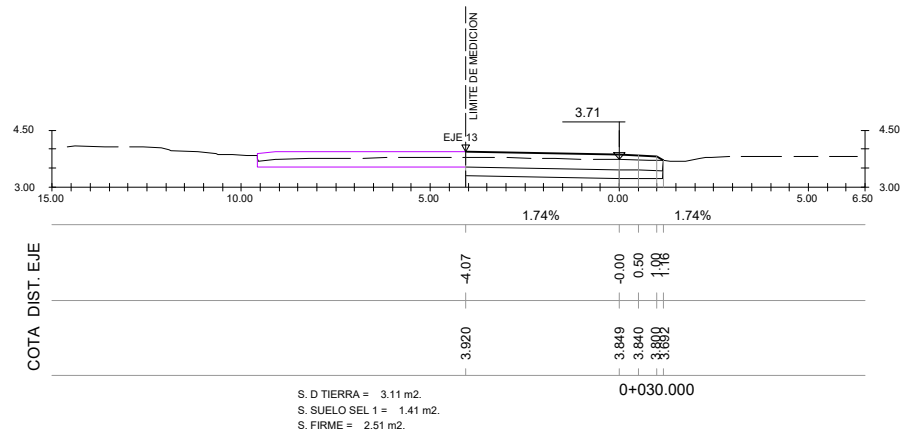
(escala original en a1)

z^{max} / n^o:

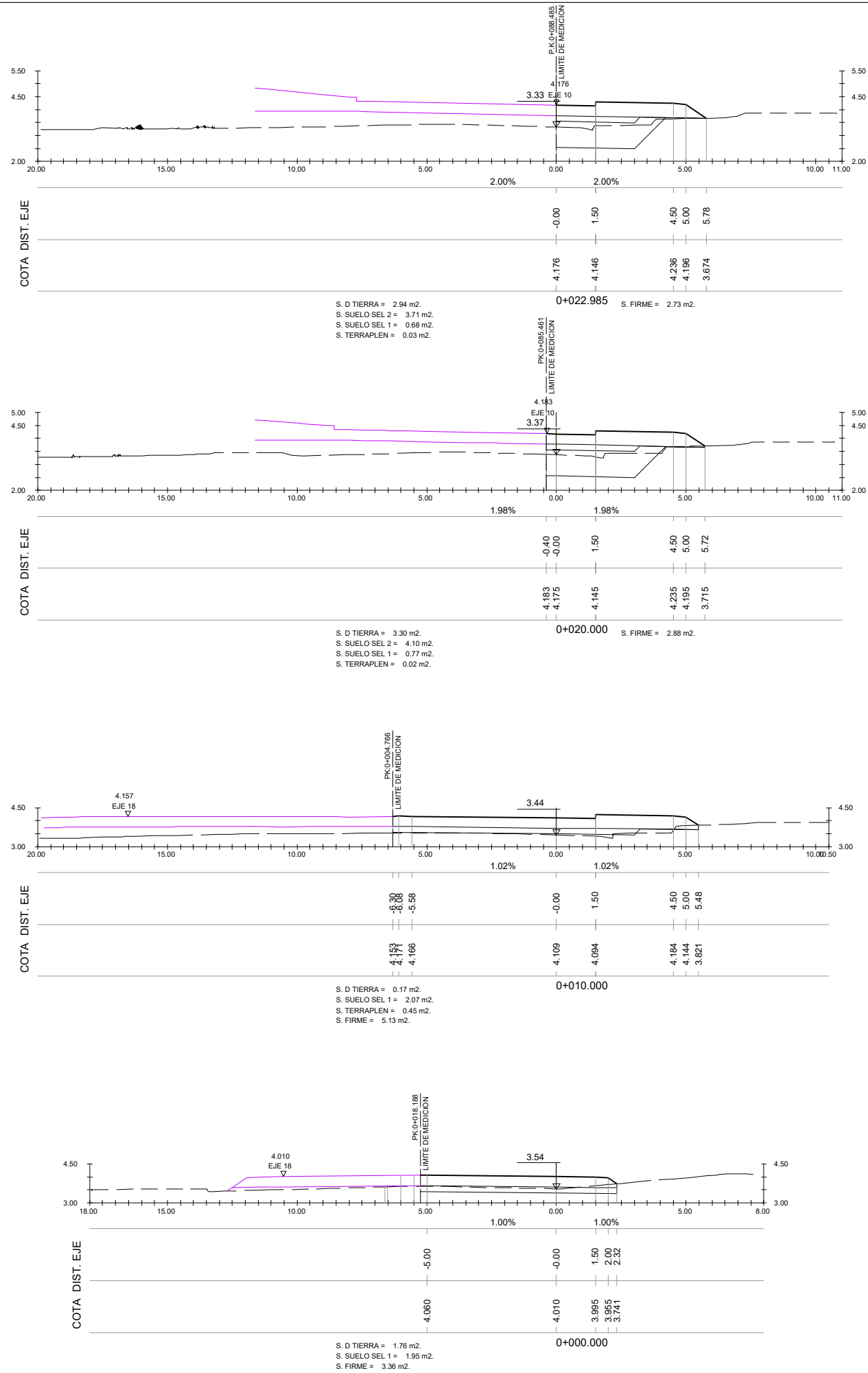
5.1

13 tik 11 orria

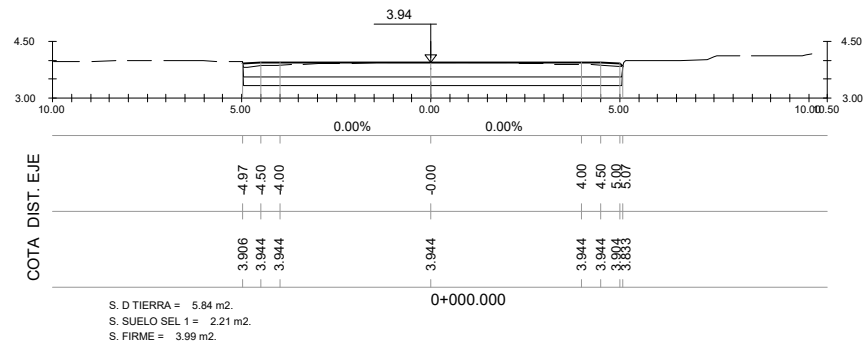
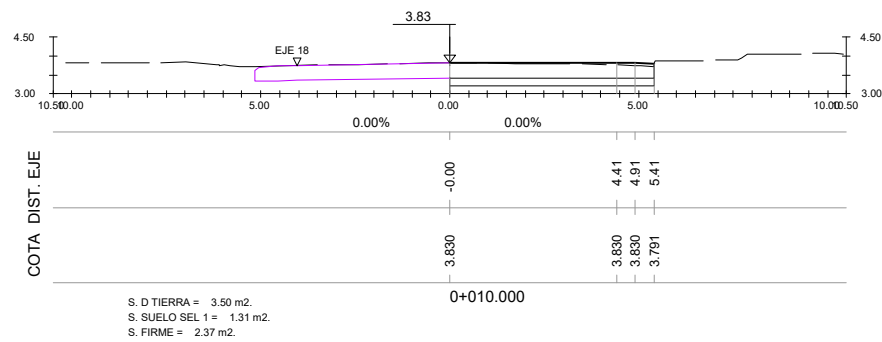
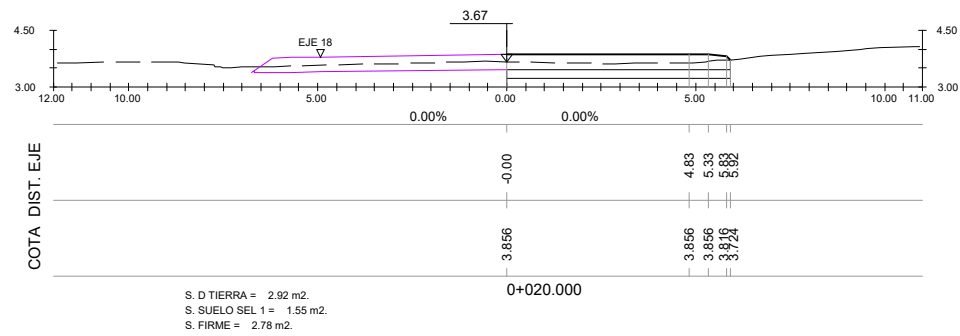
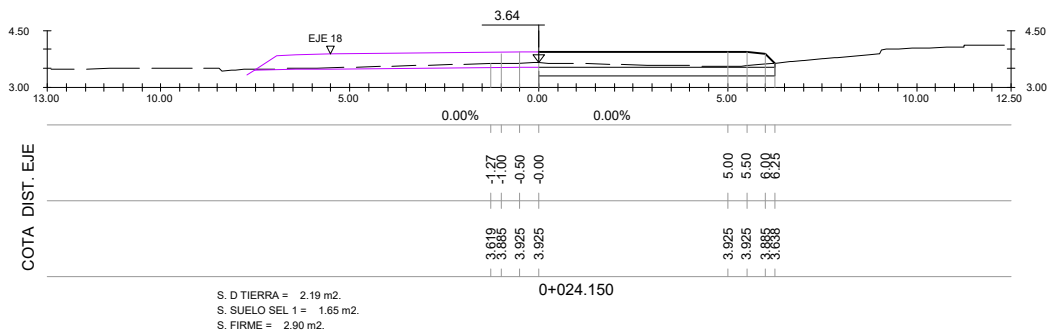
hoja 11 de 13



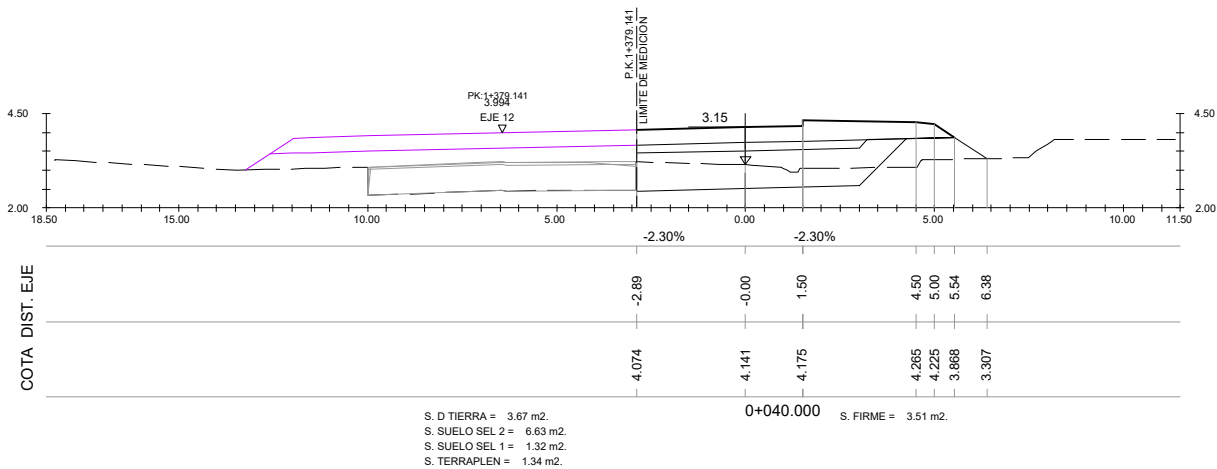
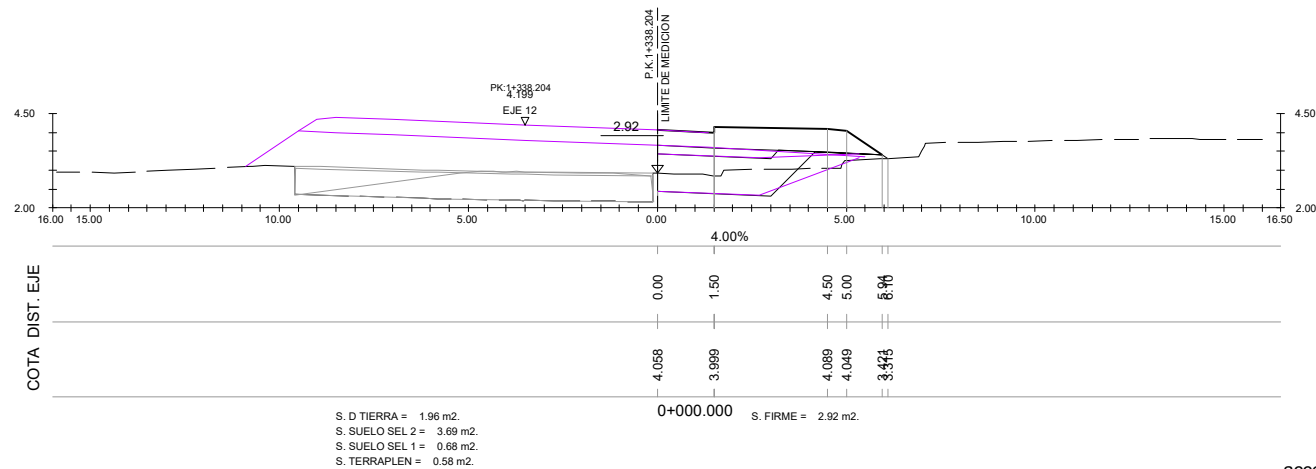
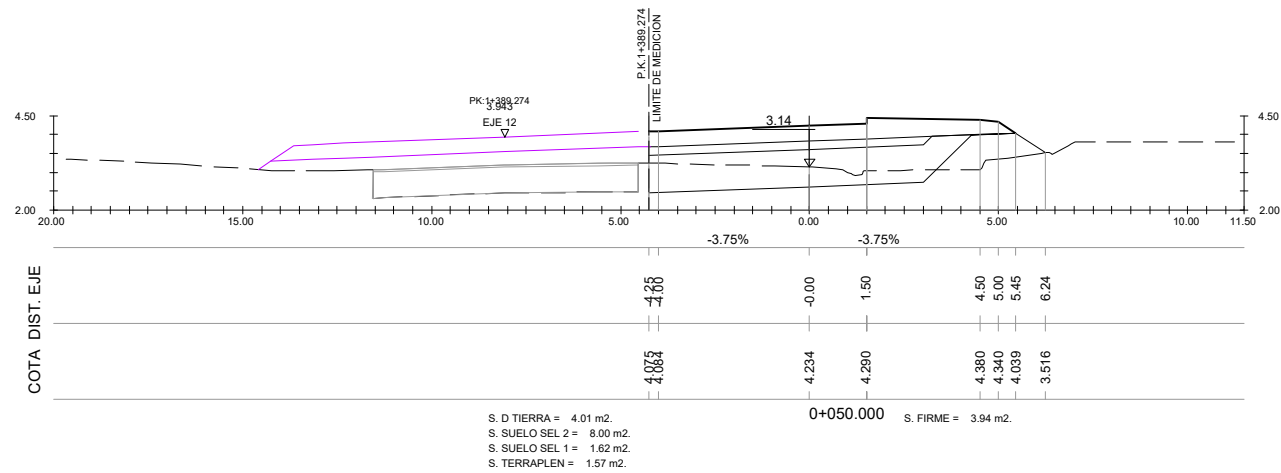
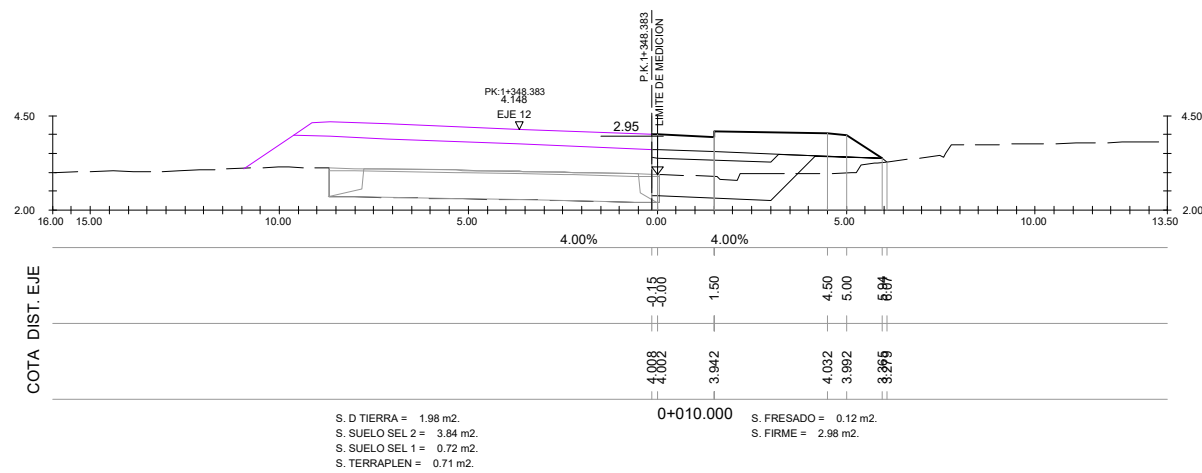
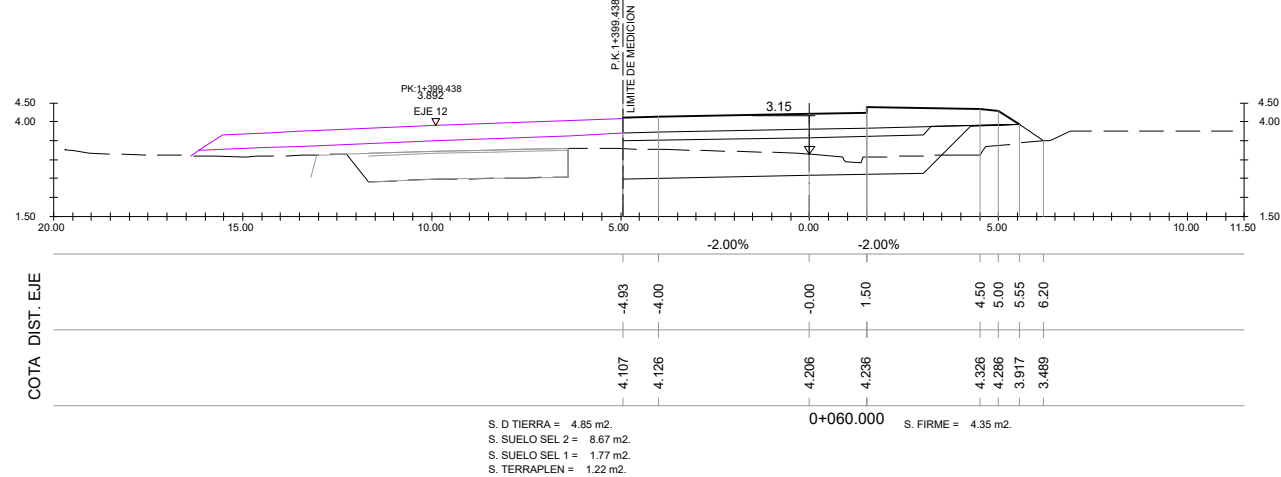
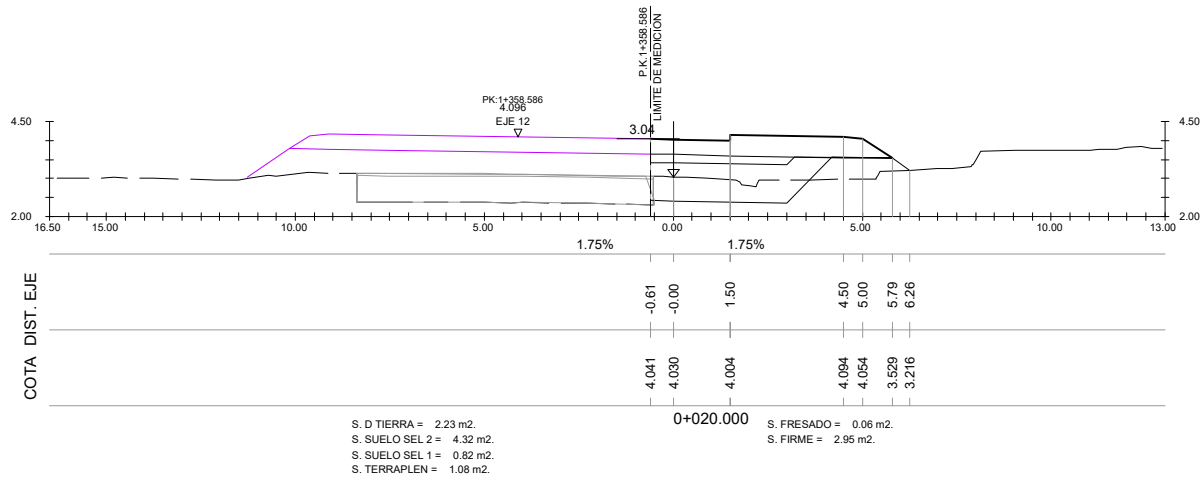
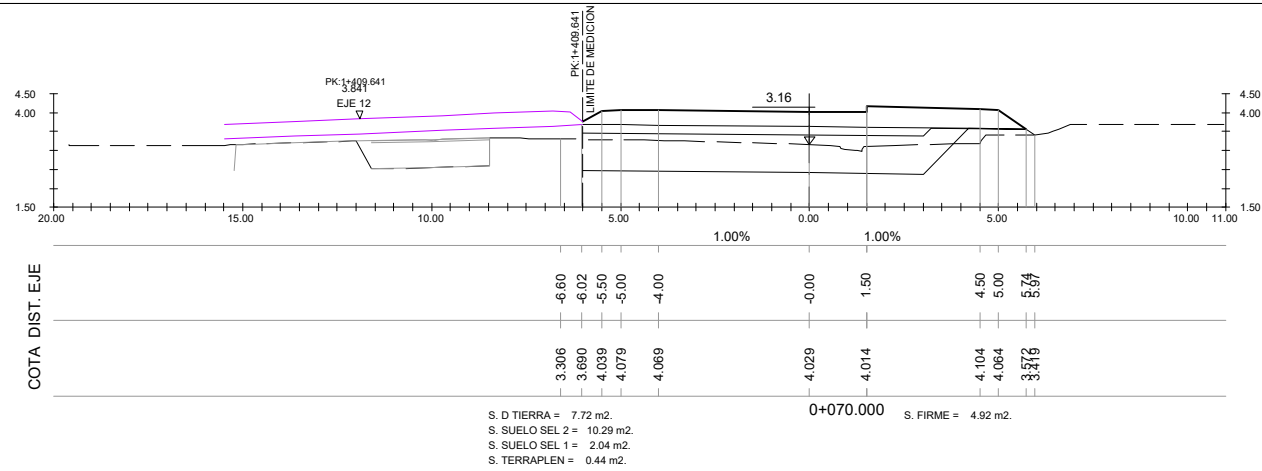
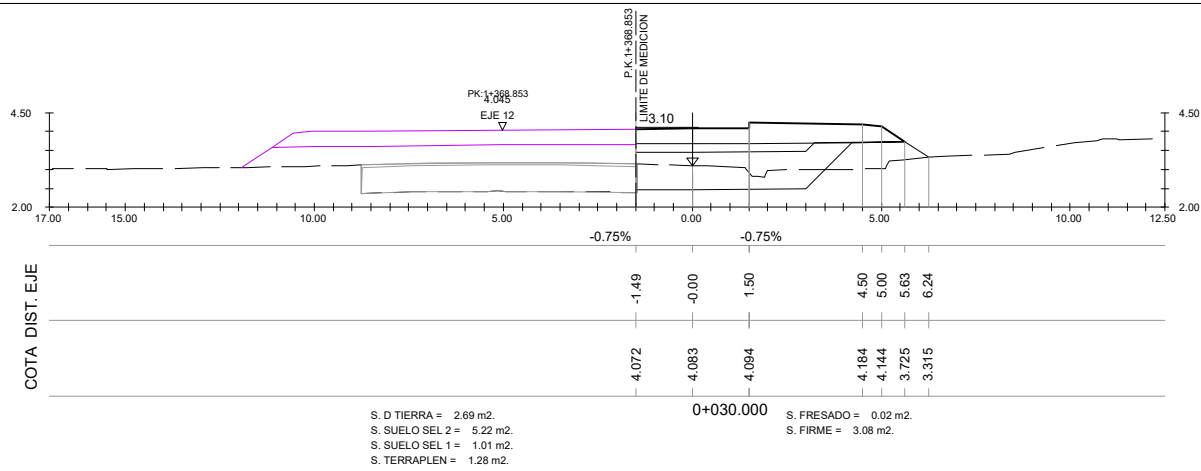
auxiliar-5 rotonda Makro (eje 18)



auxiliar-6 rotonda Makro (eje 19)



accesos a Makro (eje 13)



acceso 1(eje 6)



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departamentu de infraestructuras
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clave

data
fecha Febrero 2022

izendura / designación

perfiles transversales
accesos. hoja 1

eskala (k) / escala (s)

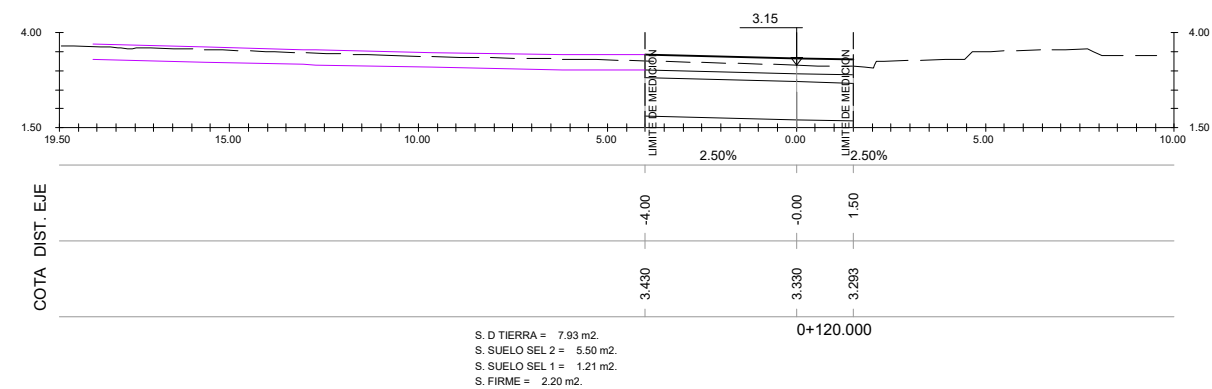
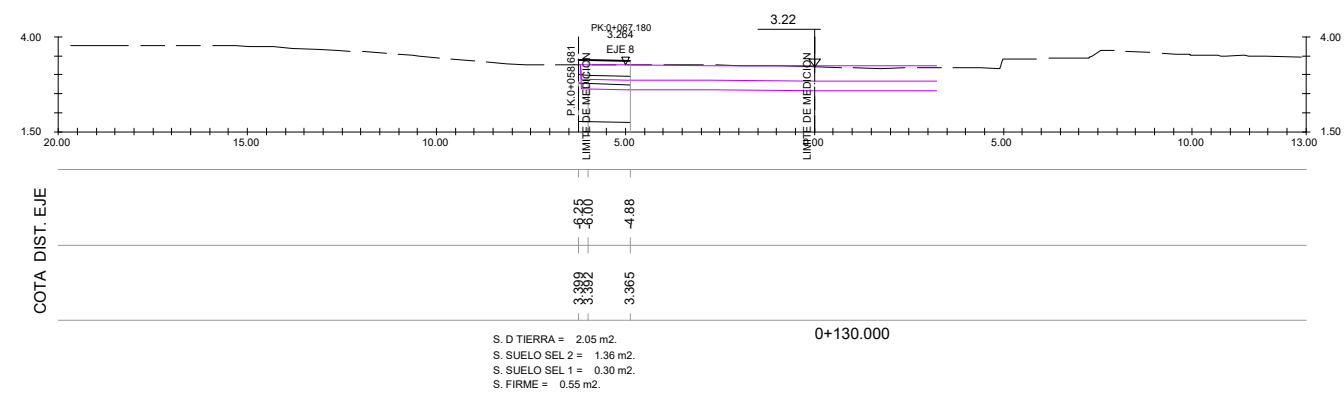
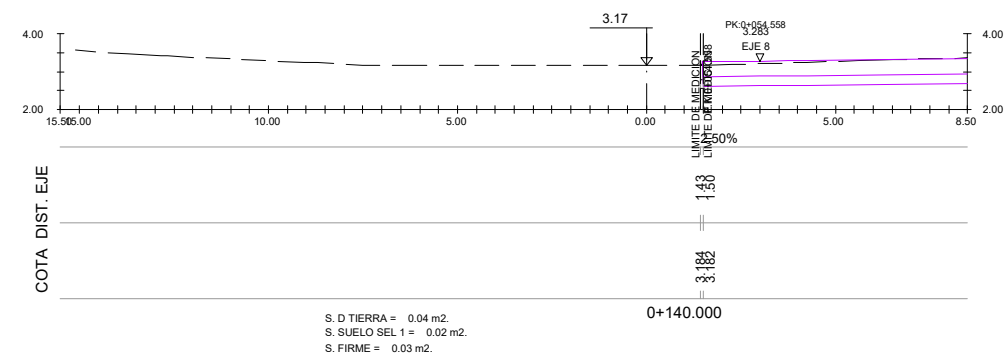
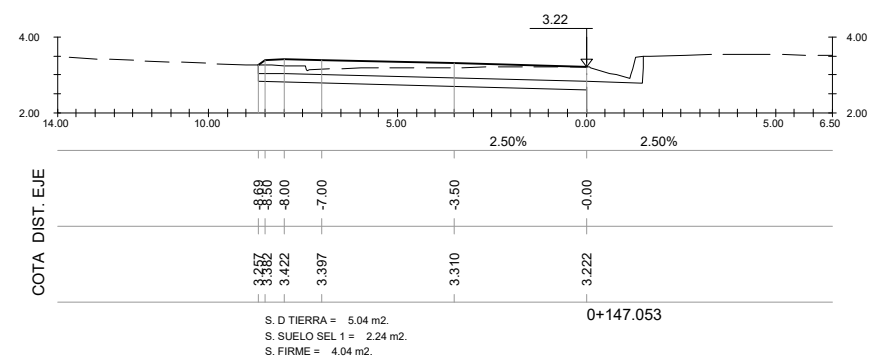
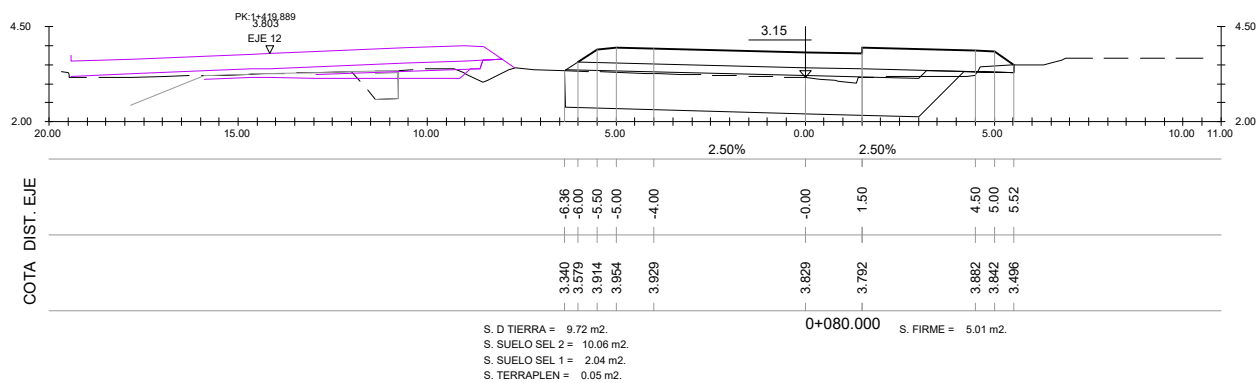
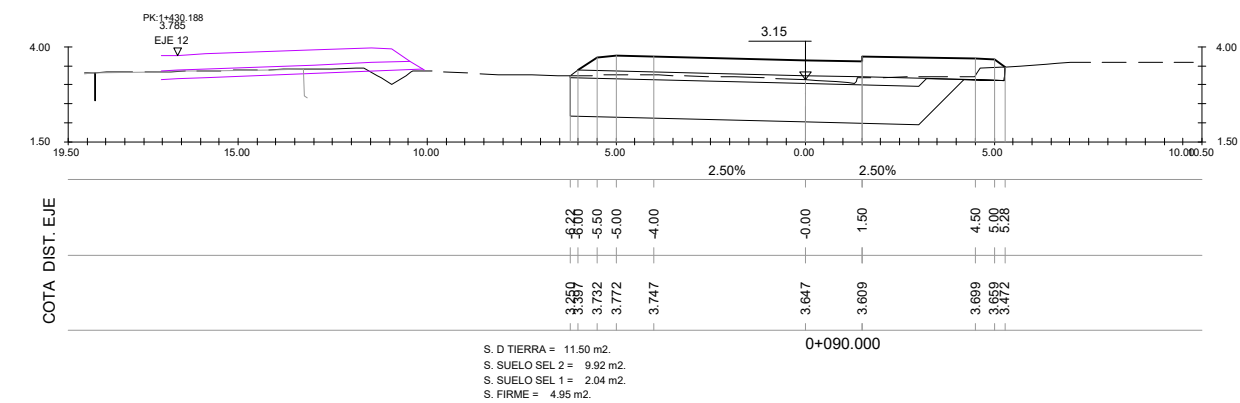
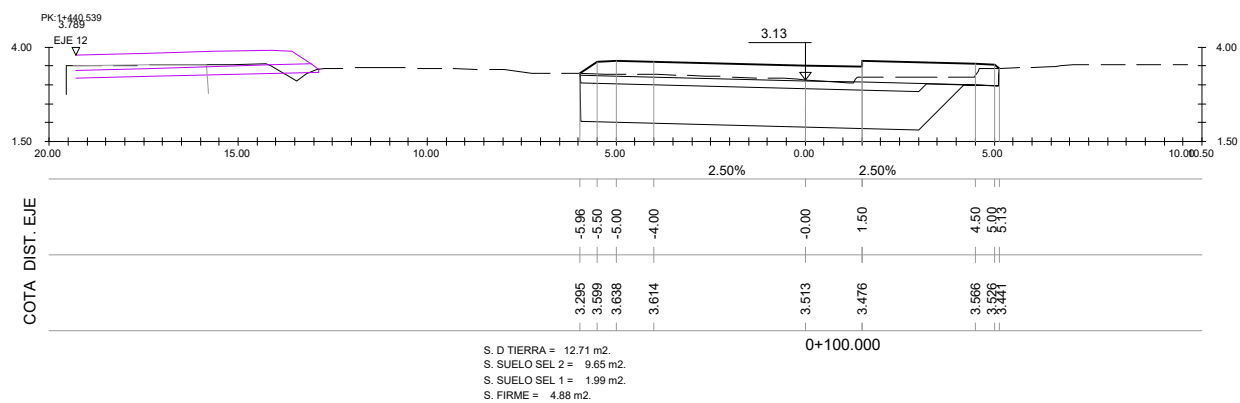
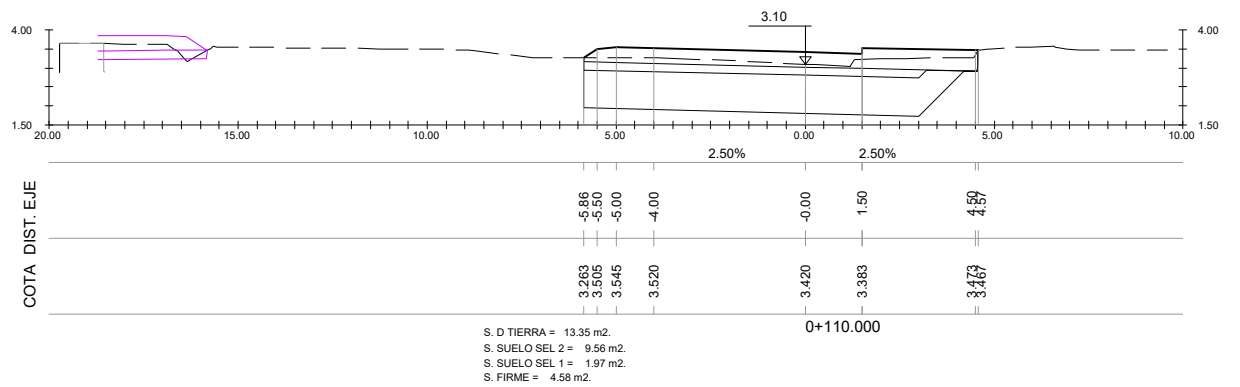
1/100
(escala original en a1)

z^{max} / n^o

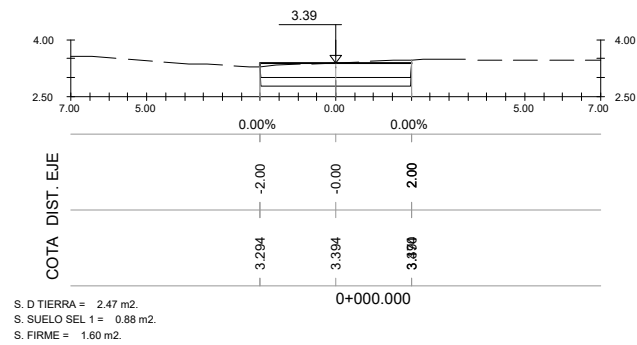
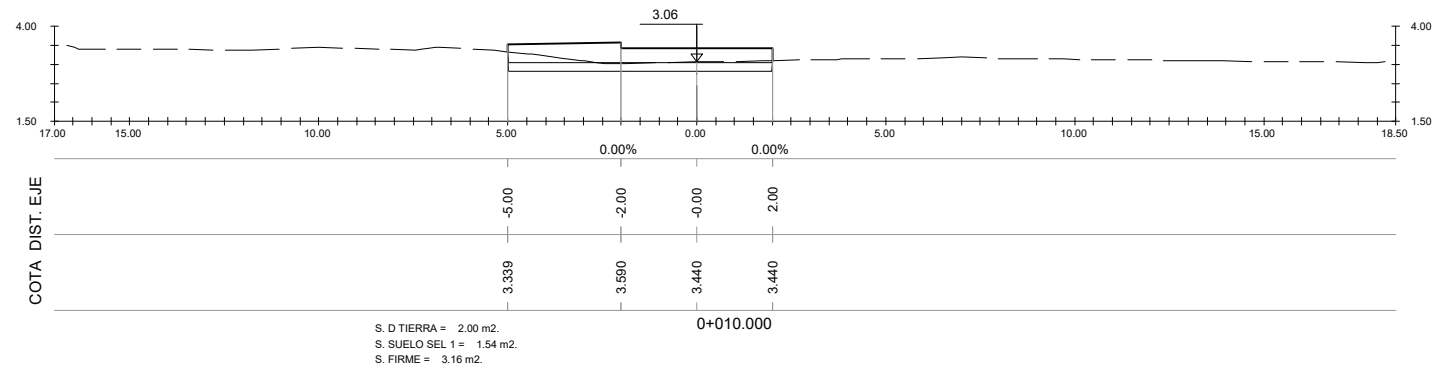
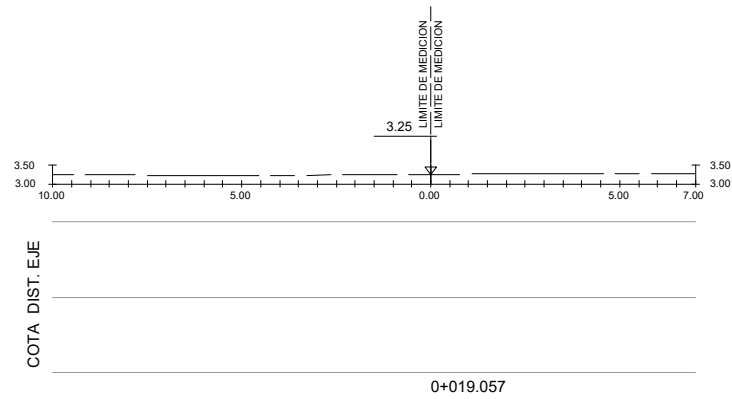
5.2

6 tik 2 orria

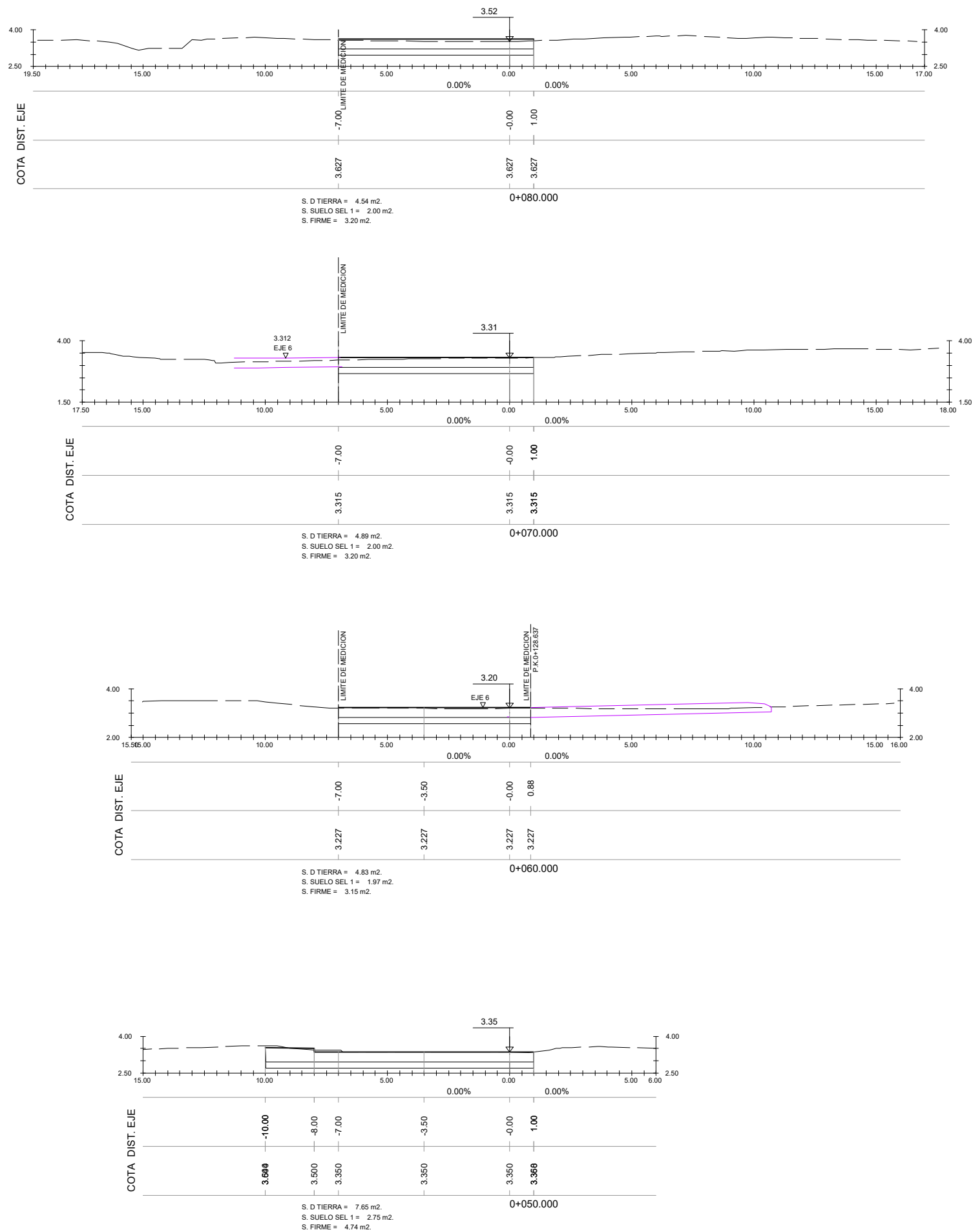
hoja 2 de 6



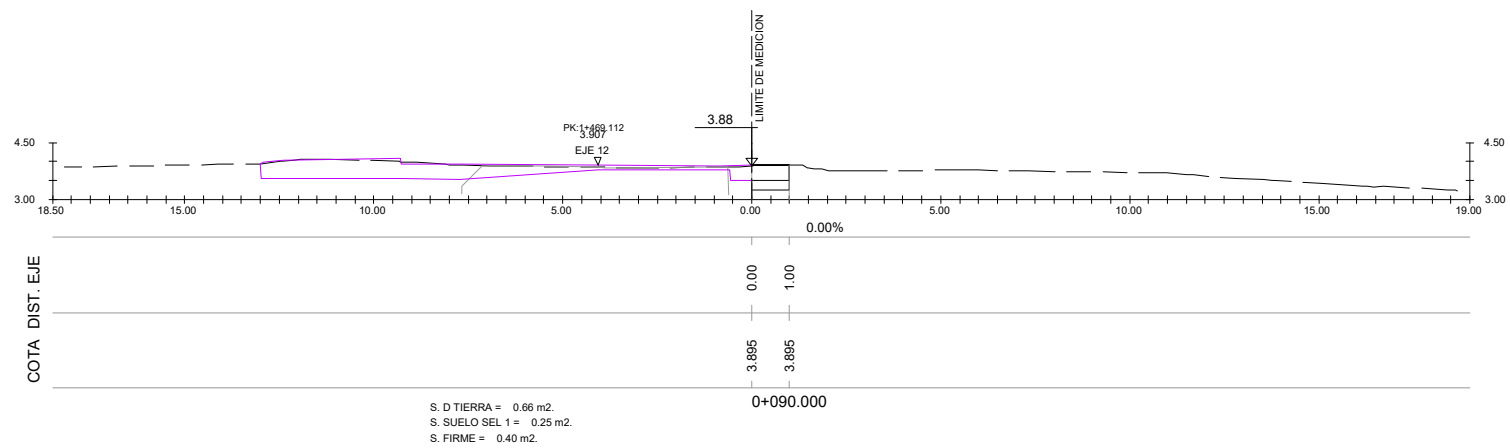
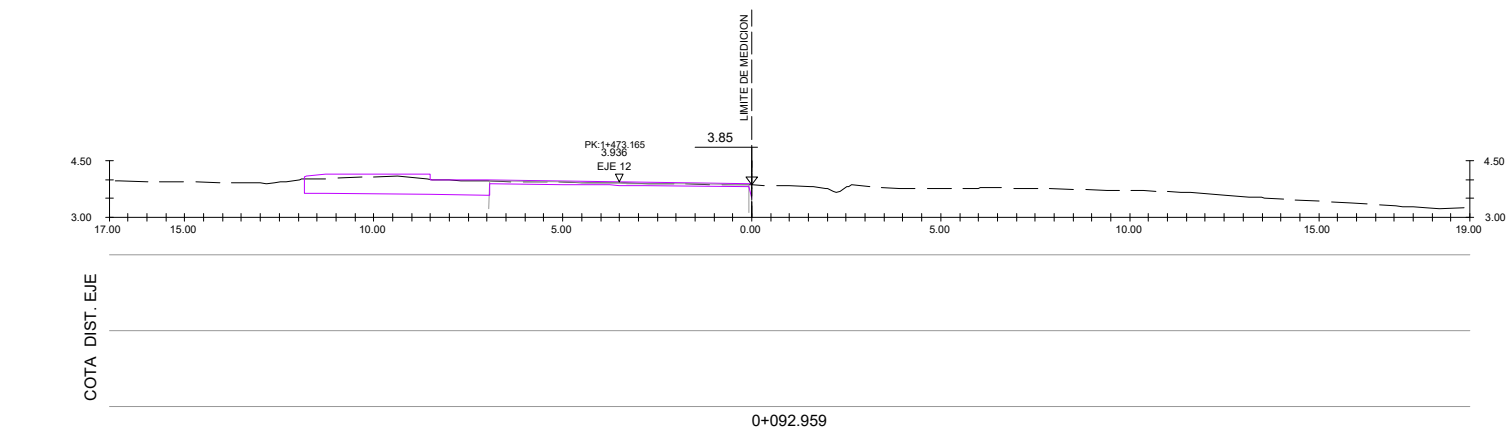
acceso 1 (eje 6)



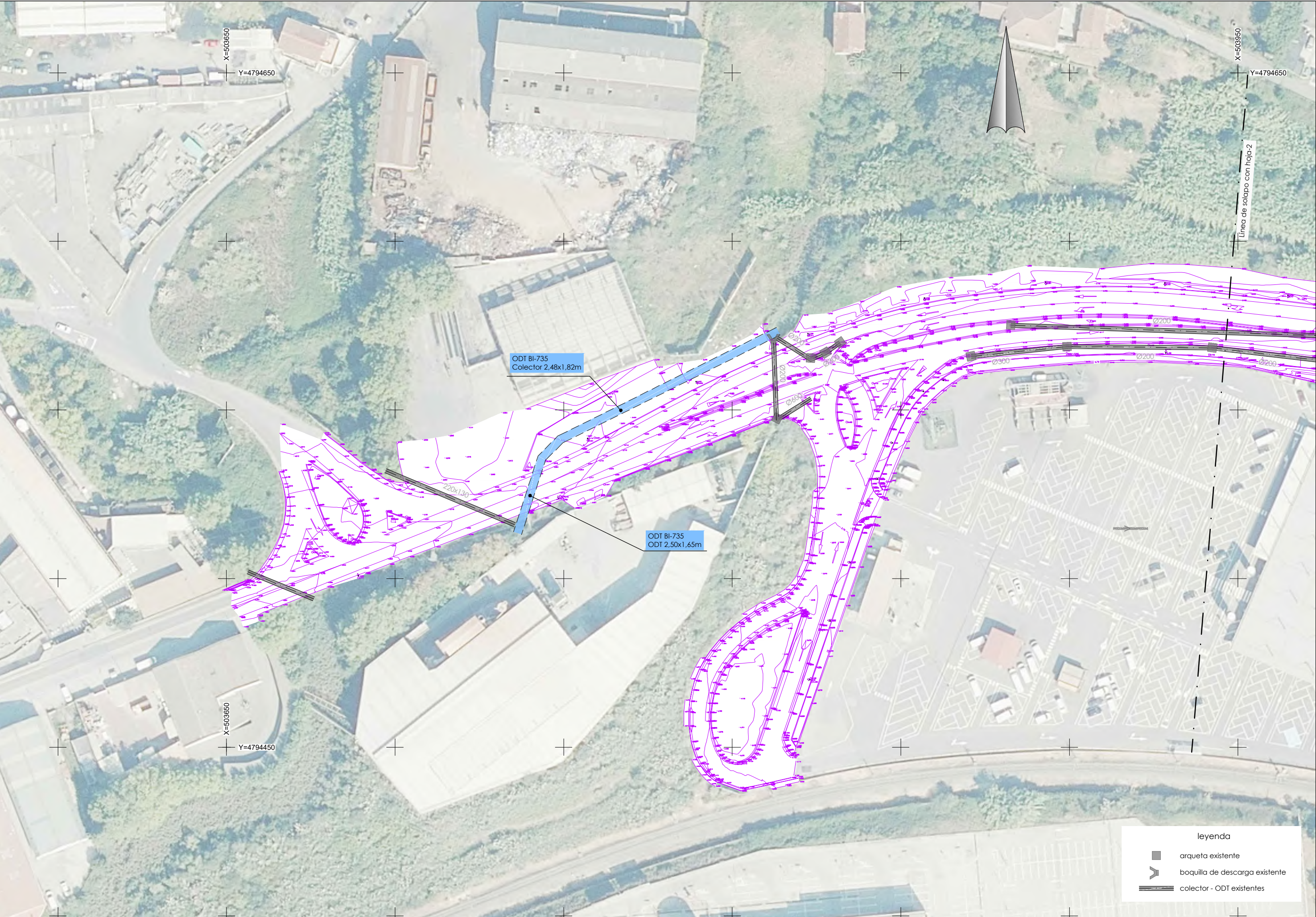
acceso 2 (eje 7)



acceso 3 (eje 8)



acceso 3 (eje 8)



leyenda

■

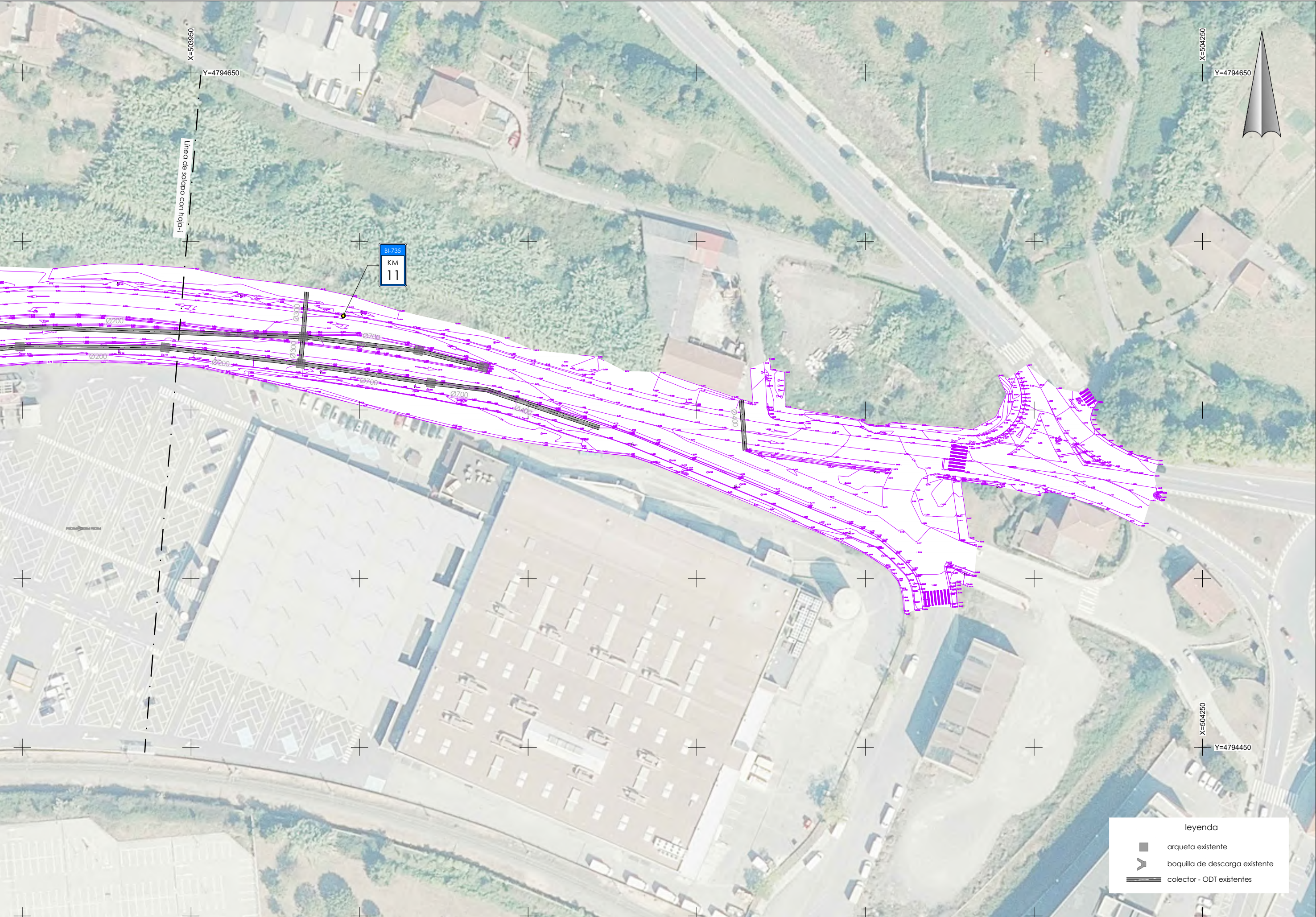
arqueta existente

➤

boquilla de descarga existente

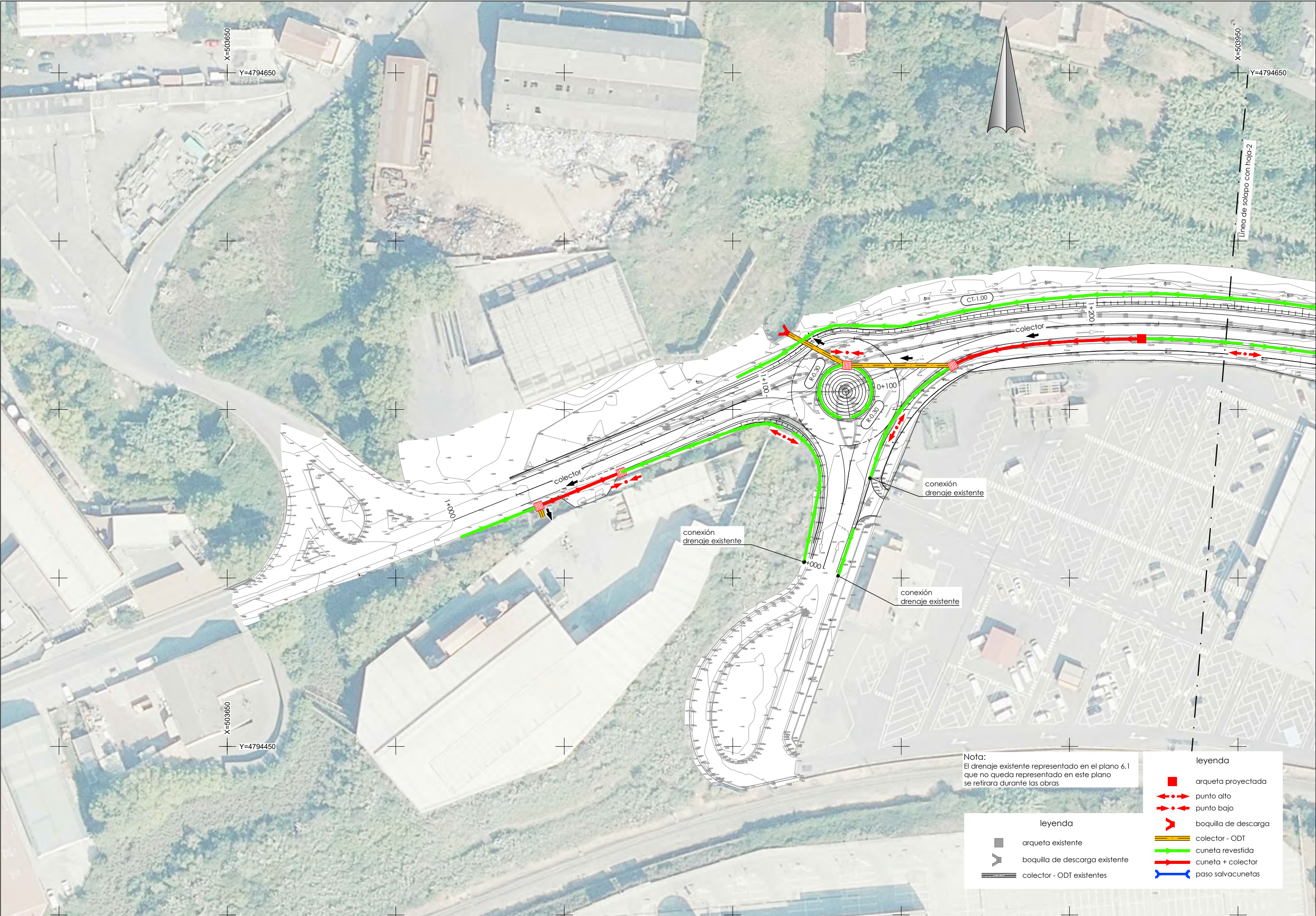
══

colector - ODT existentes



leyenda

- arqueta existente
- boquilla de descarga existente
- === colector - ODT existentes



Nota:
El drenaje existente representado en el plano 6.1
que no queda representado en este plano
se retirará durante las obras

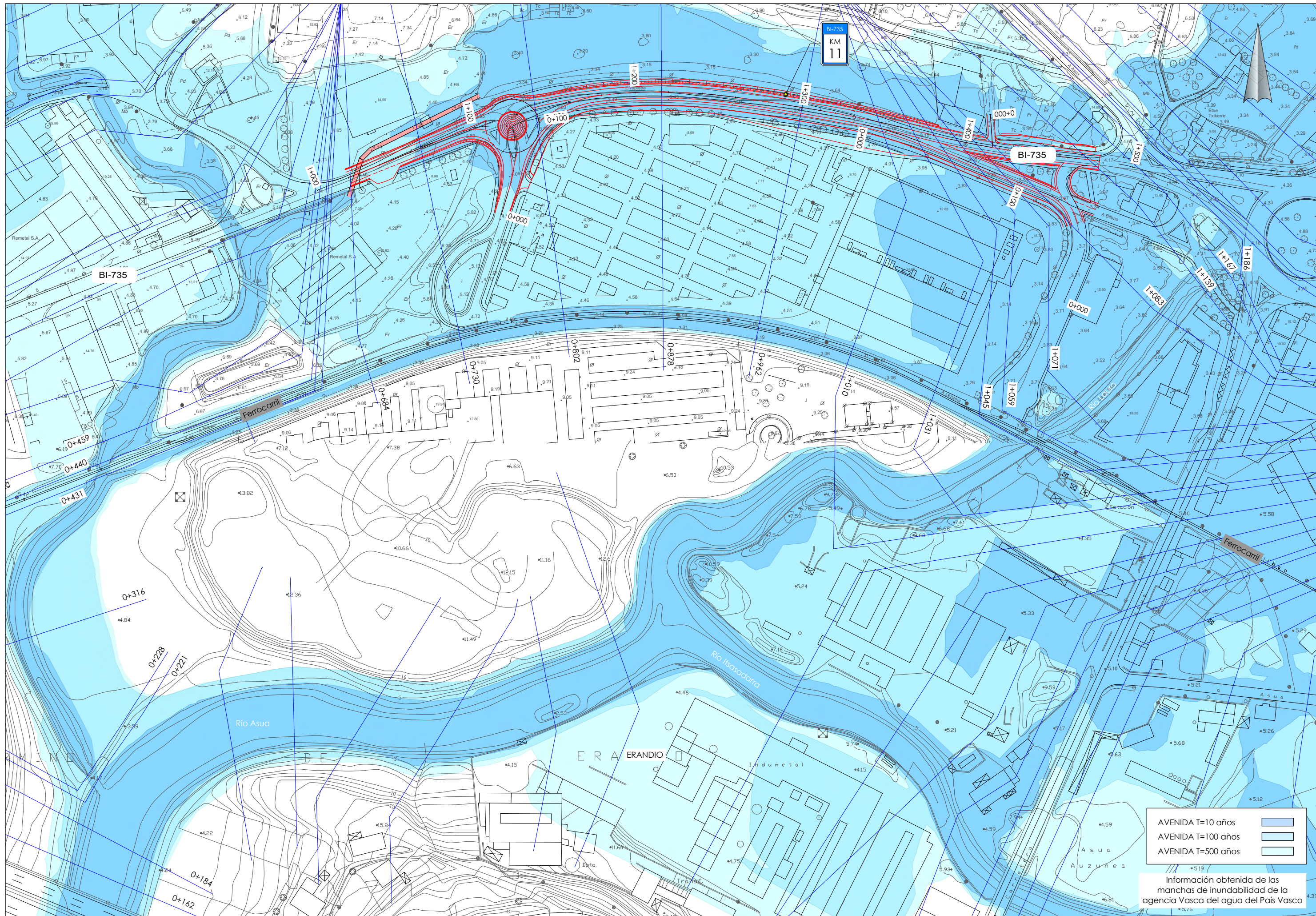
- leyenda
- arqueta existente
 - boquilla de descarga existente
 - colector - ODT existentes

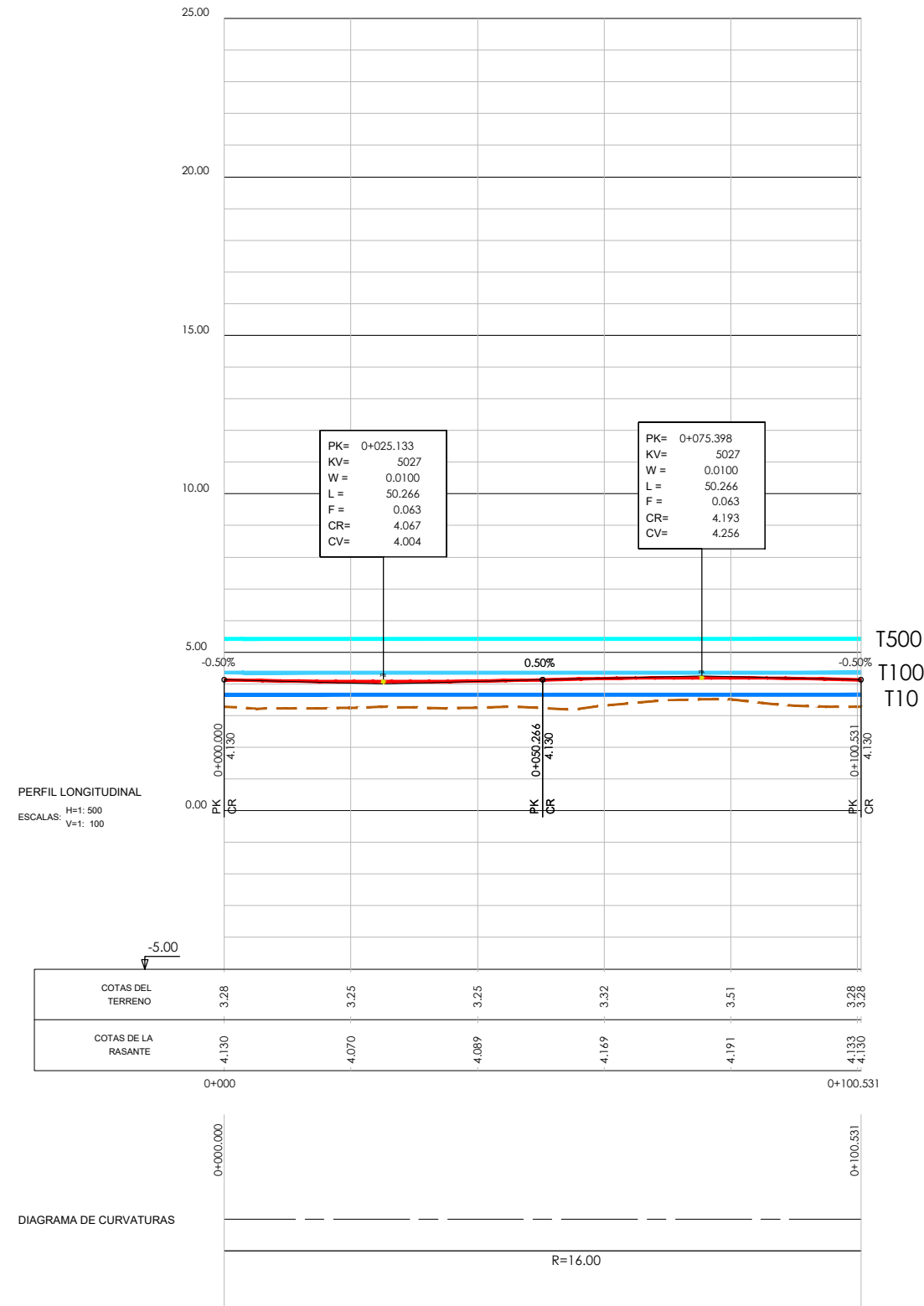
- leyenda
- arqueta proyectada
 - punto alto
 - punto bajo
 - boquilla de descarga
 - colector - ODT
 - cuneta revestida
 - cuneta + colector
 - paso salvacunetas



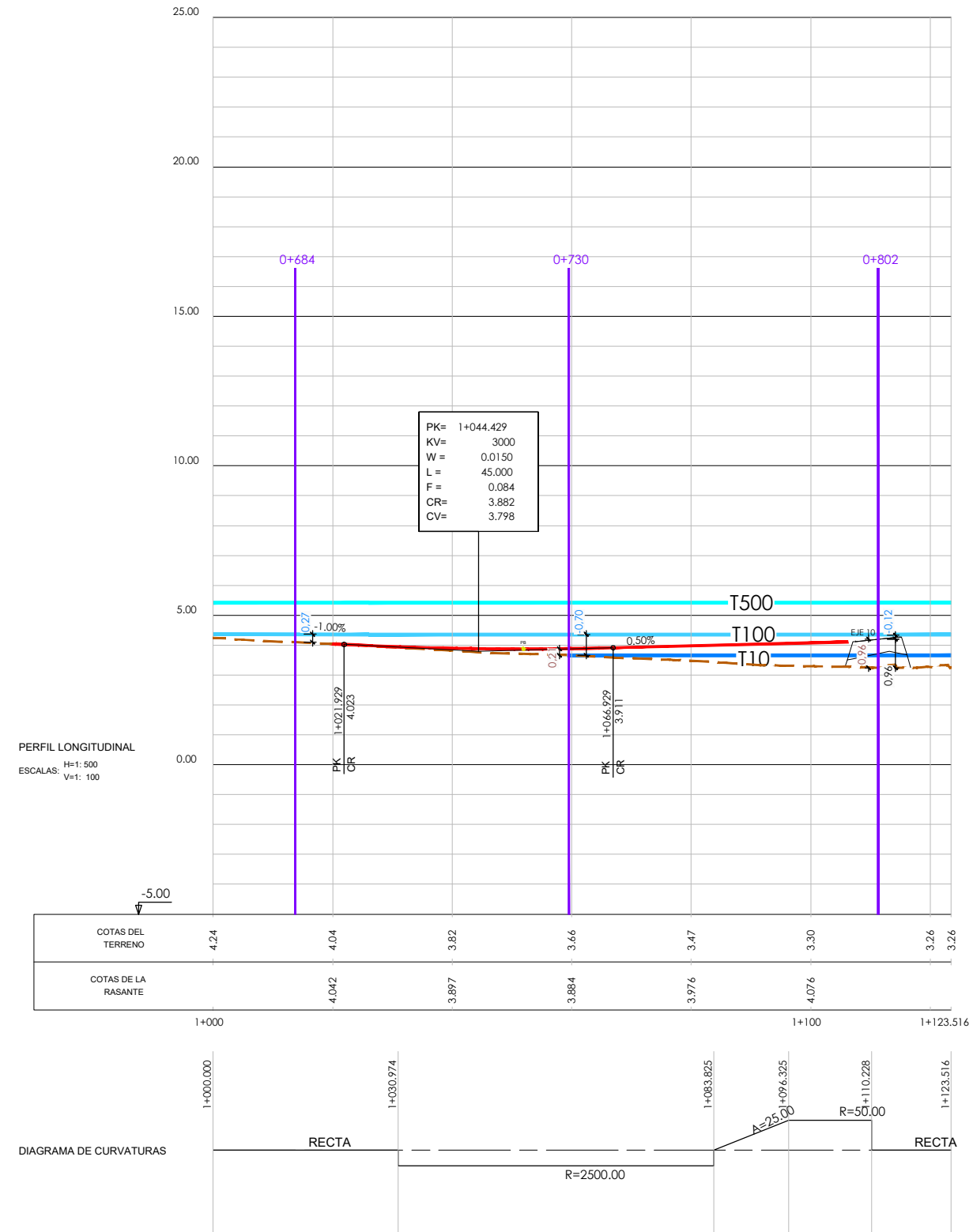
Kontzerbazio Zerbitzua
Servicio de Conservacion

2 tik 2 orria
hoja 2 de 2



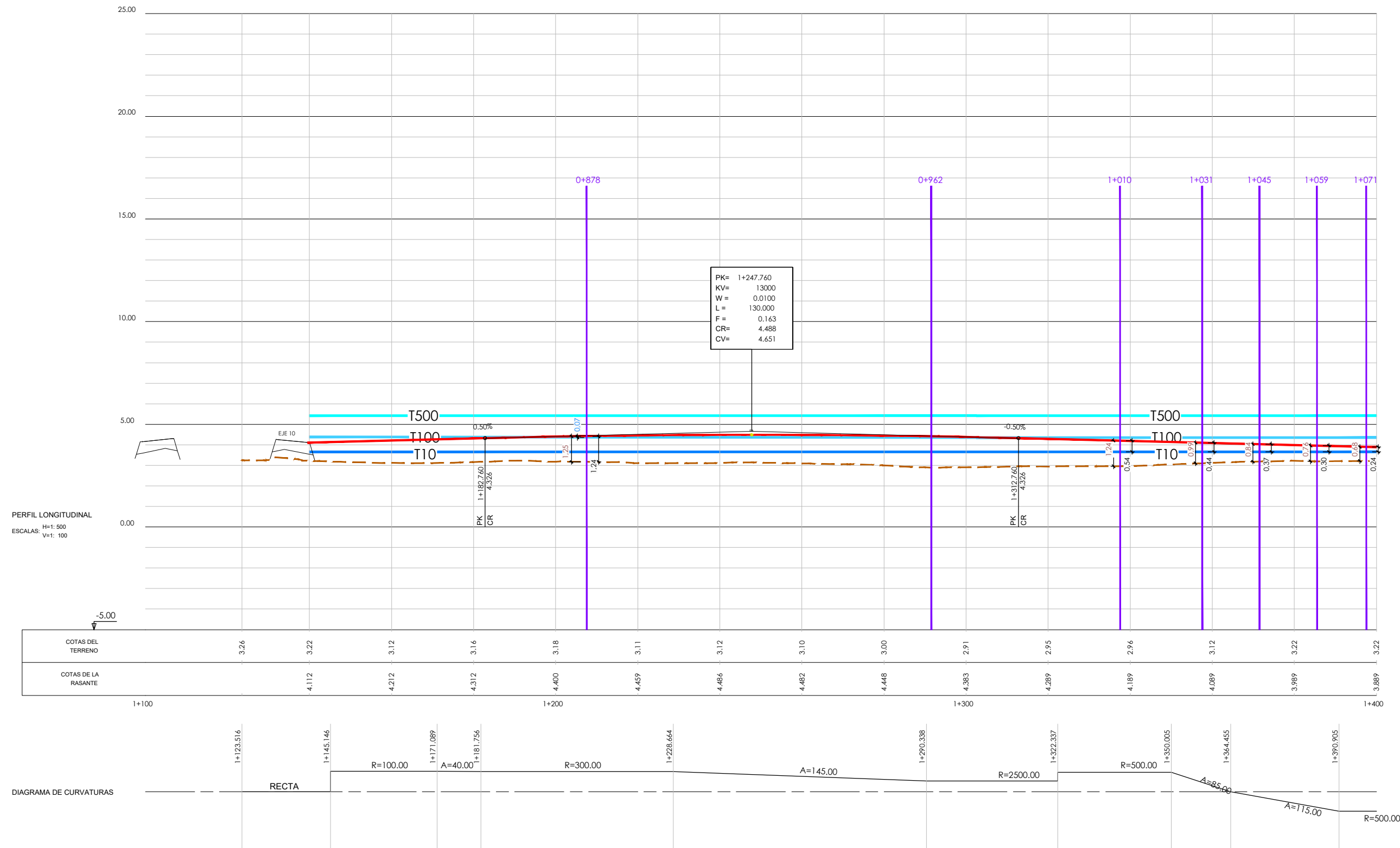


ROTONDA MAKRO



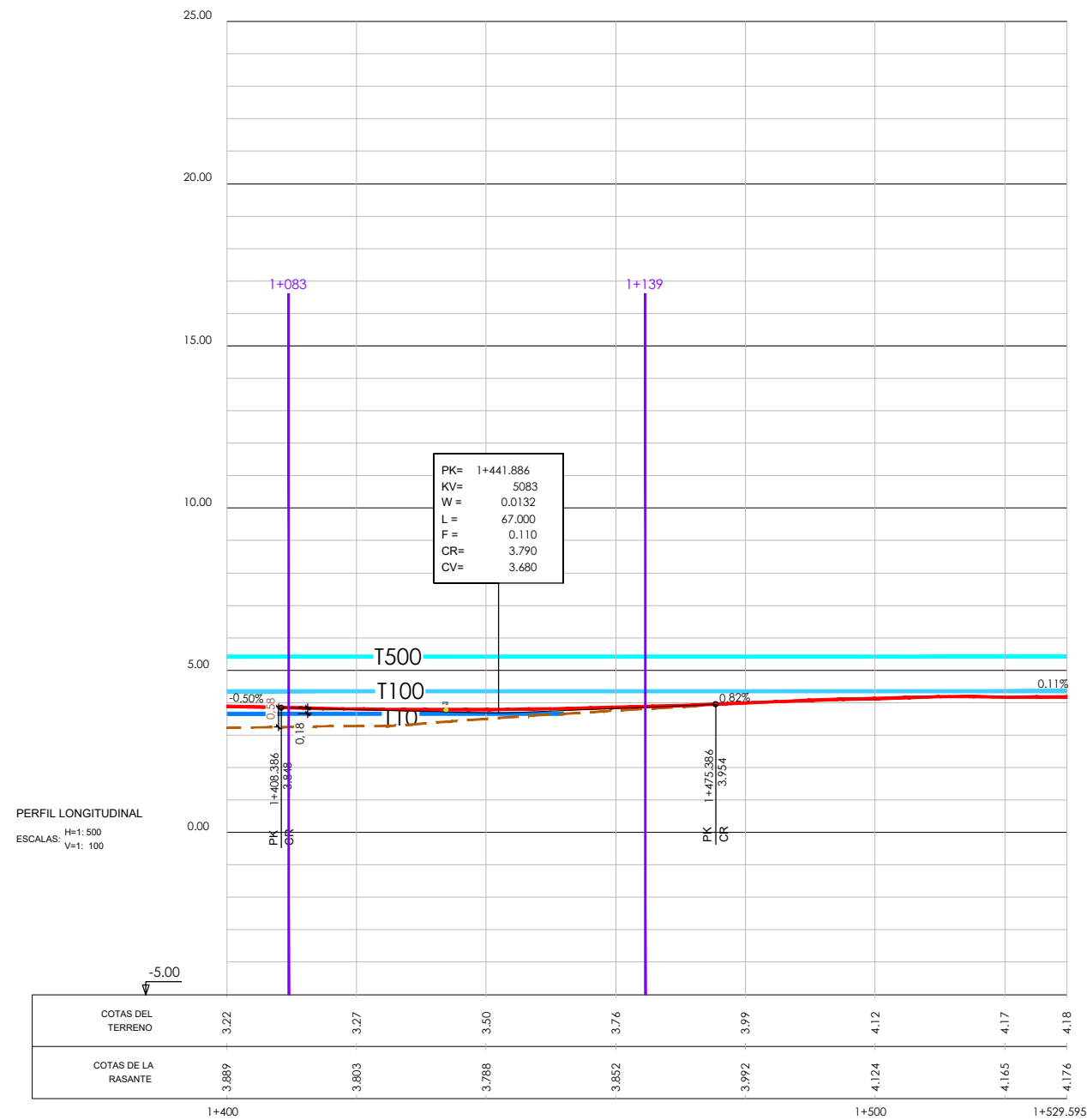
EJE TRONCO INCORPORACIÓN PLAIABARRI

Leyenda	
—	Rasante propuesta
- - -	Rasante original
—	Avenida T=10 años
—	Avenida T=100 años
—	Avenida T=500 años
—	Perfiles hidráulicos
0.00	Altura de relleno
0.00	Altura libre Avenida T10
0.00	Altura libre Avenida T100

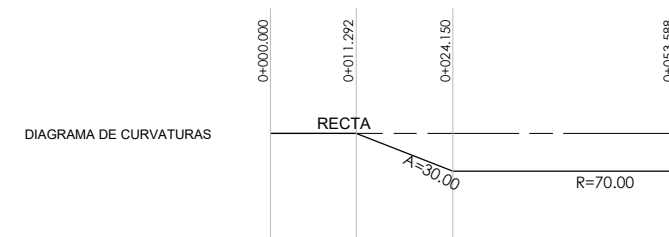
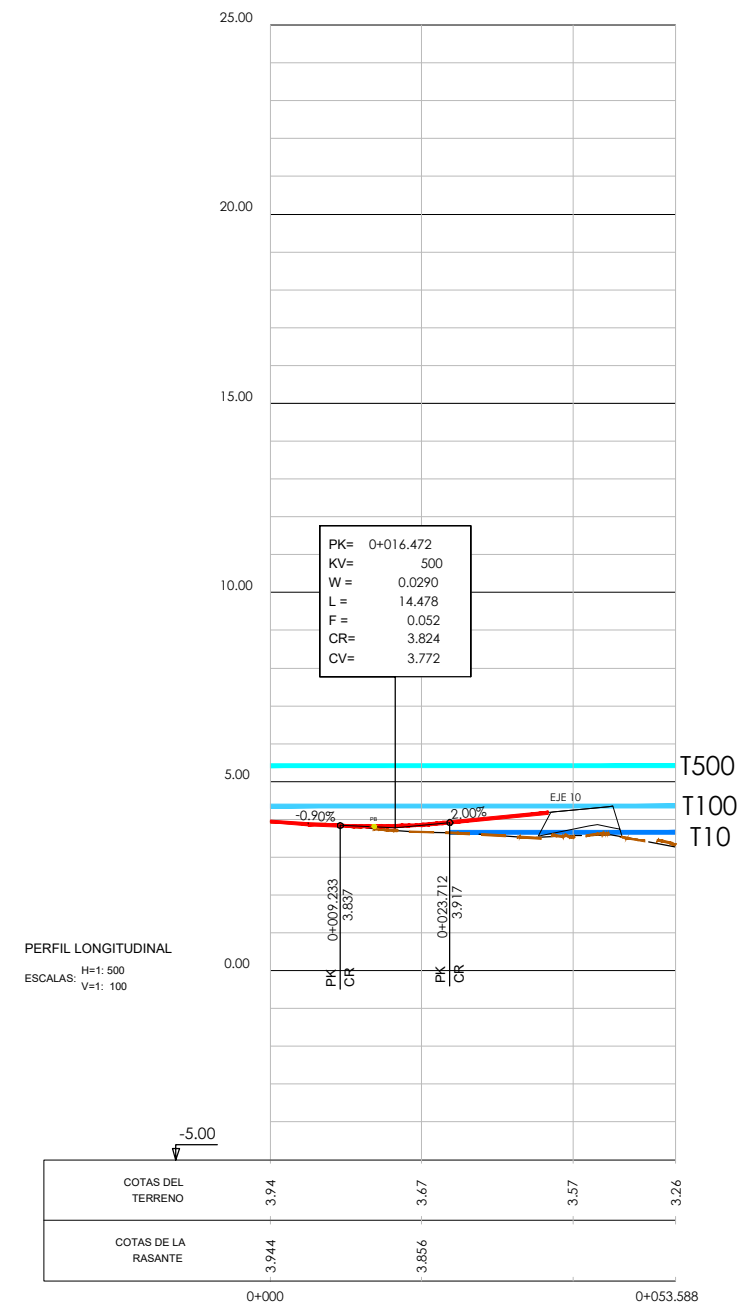


Leyenda

- Rasante propuesta
- Rasante original
- Avenida T=10 años
- Avenida T=100 años
- Avenida T=500 años
- Perfiles hidráulicos
- Altura de relleno
- Altura libre Avenida T10
- Altura libre Avenida T100

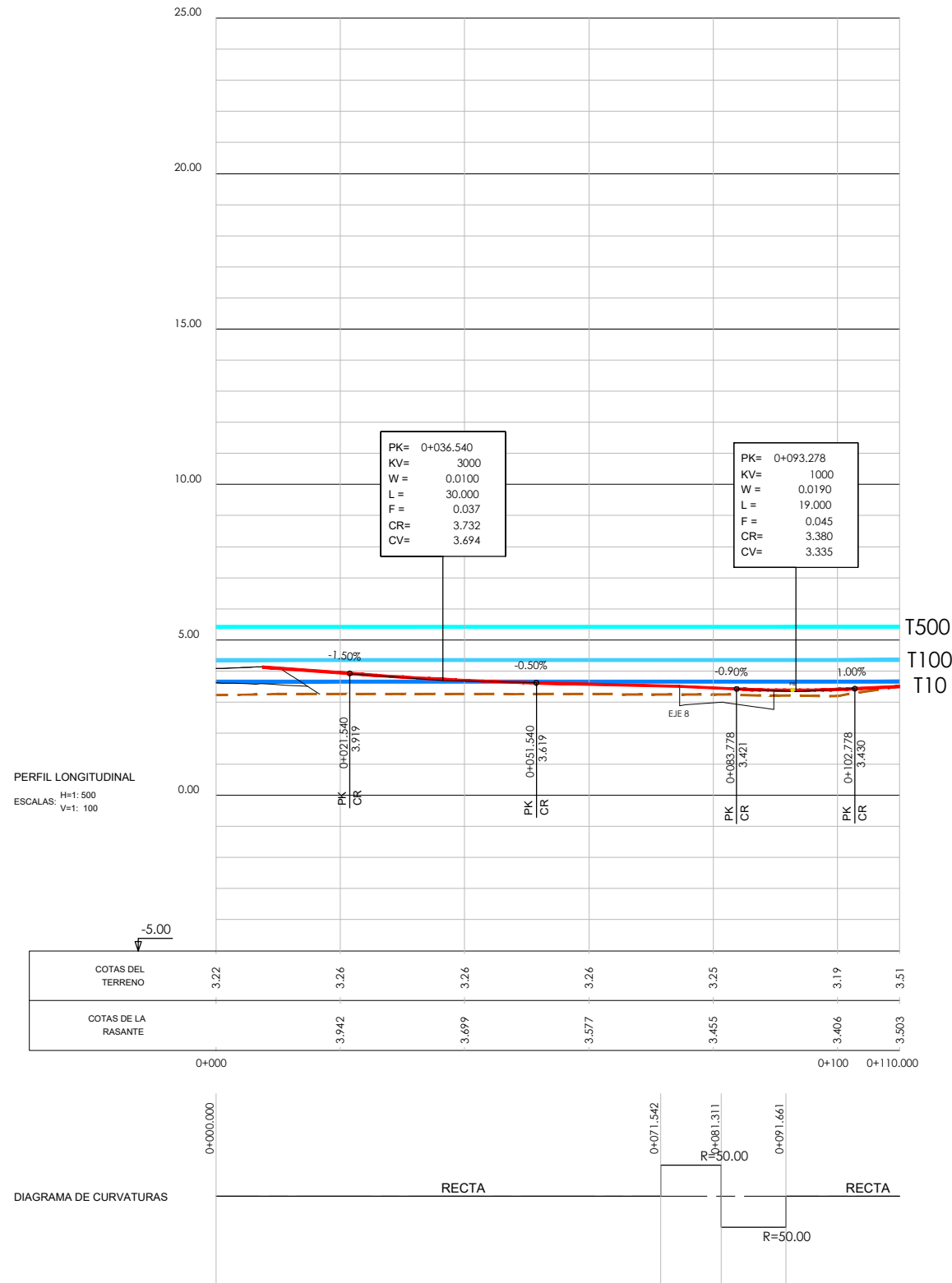


EJE TRONCO INCORPORACIÓN ASUA

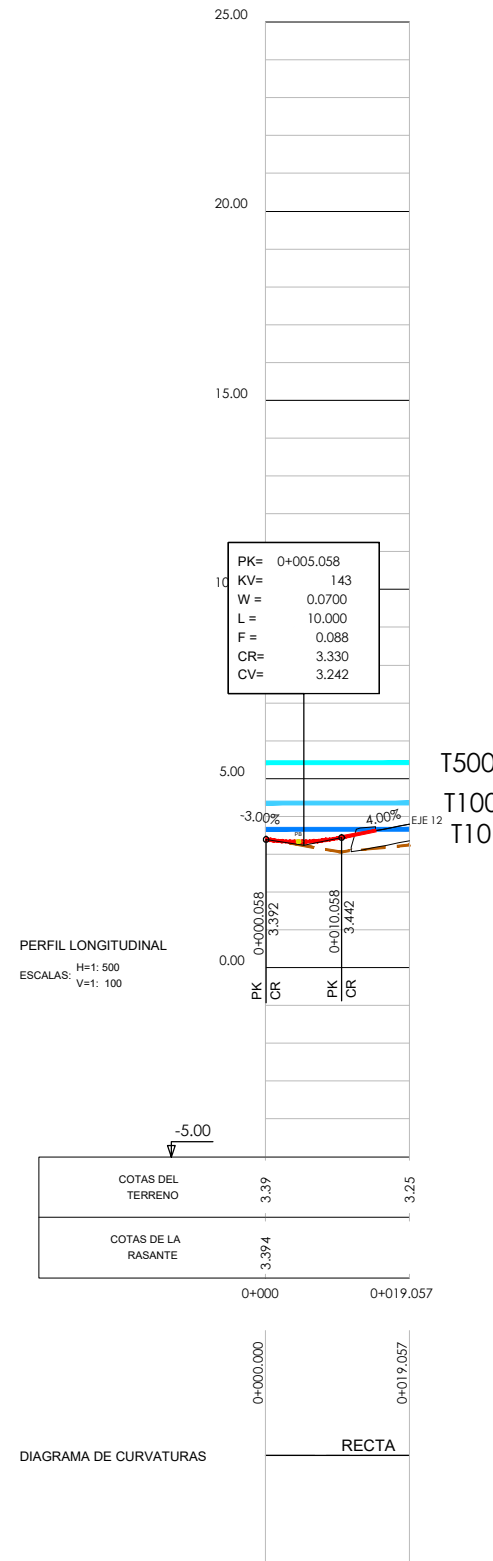


Acceso a Makro

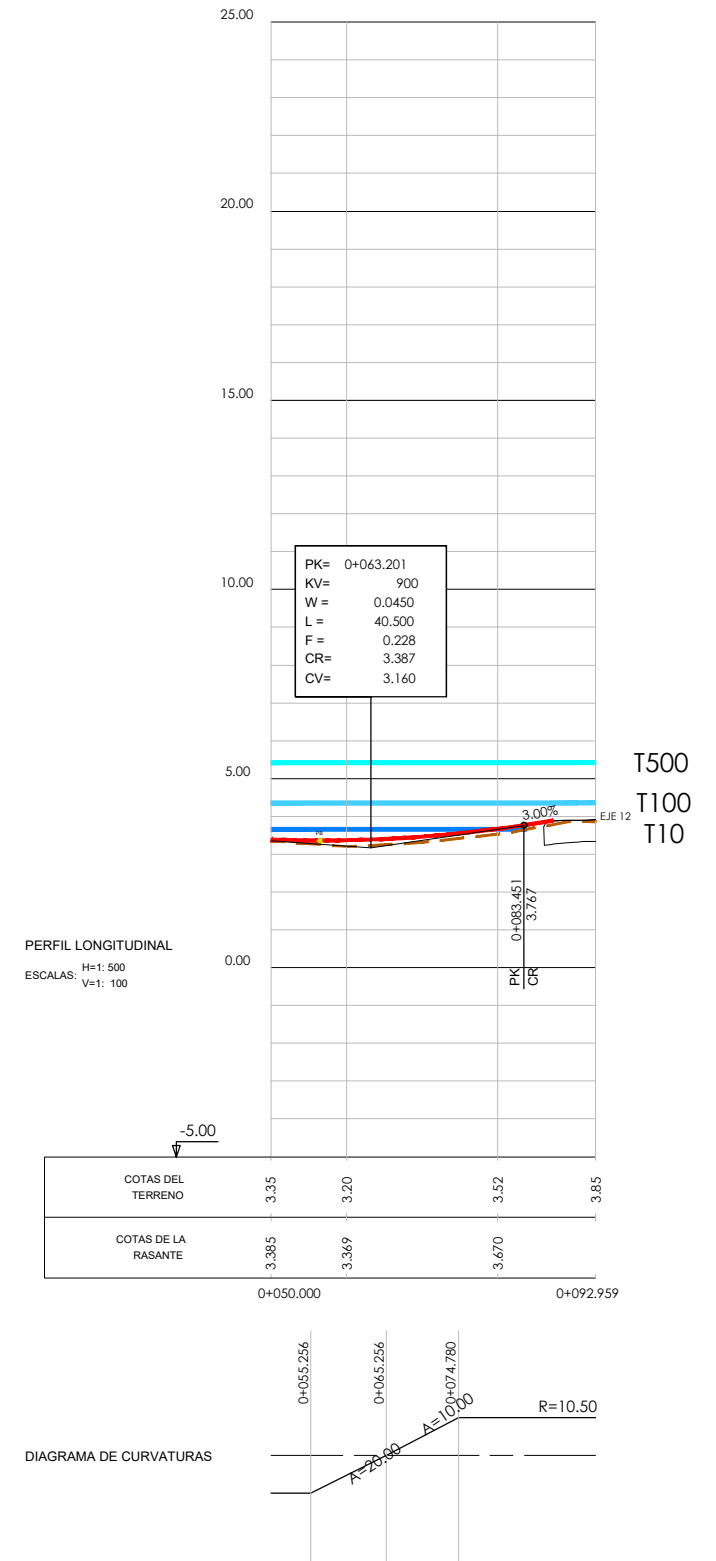
Leyenda	
—	Rasante propuesta
- - -	Rasante original
—	Avenida T=10 años
—	Avenida T=100 años
—	Avenida T=500 años
—	Perfiles hidráulicos
0.00	Altura de relleno
0.00	Altura libre Avenida T10
0.00	Altura libre Avenida T100



Acceso 1

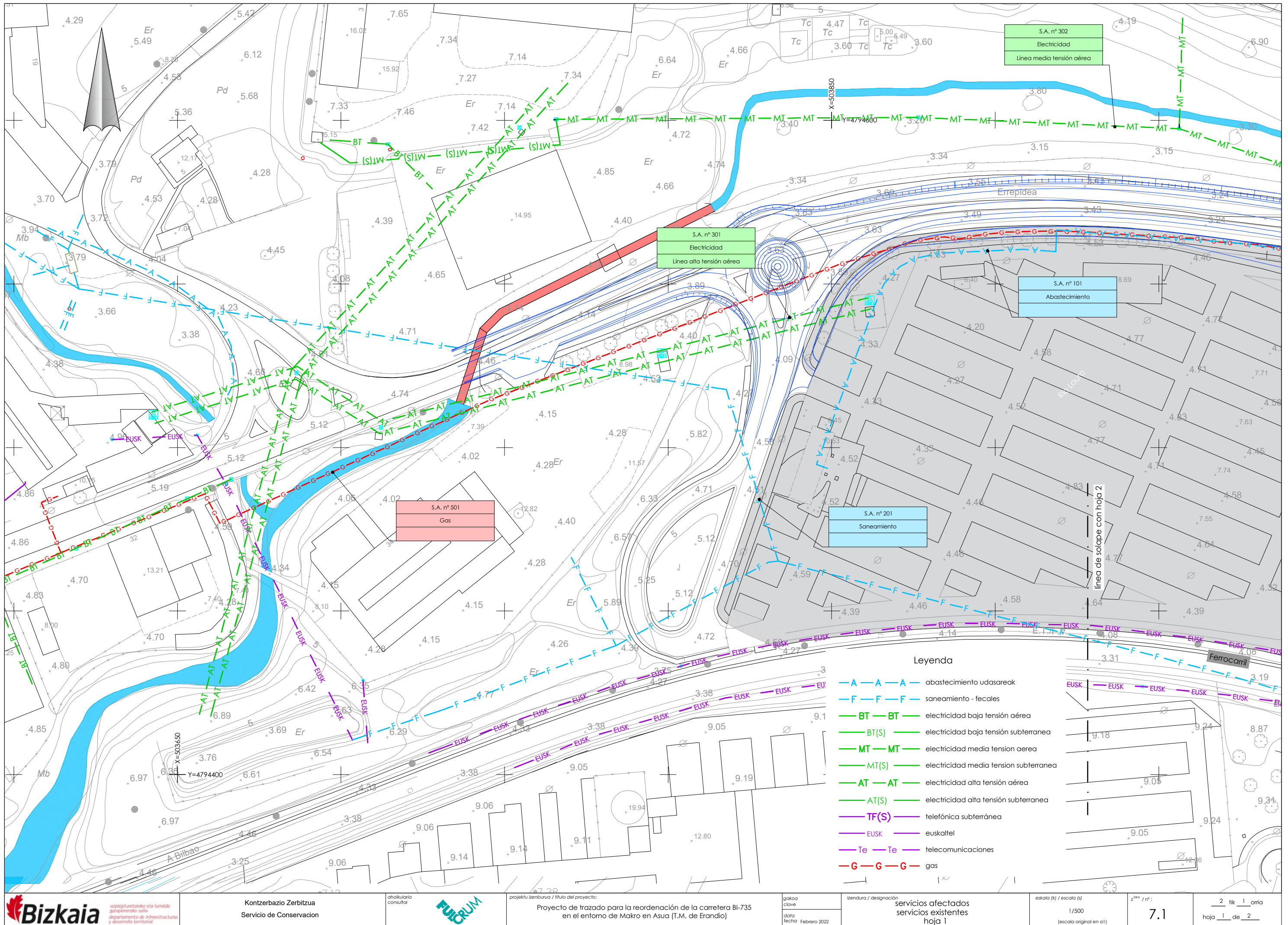


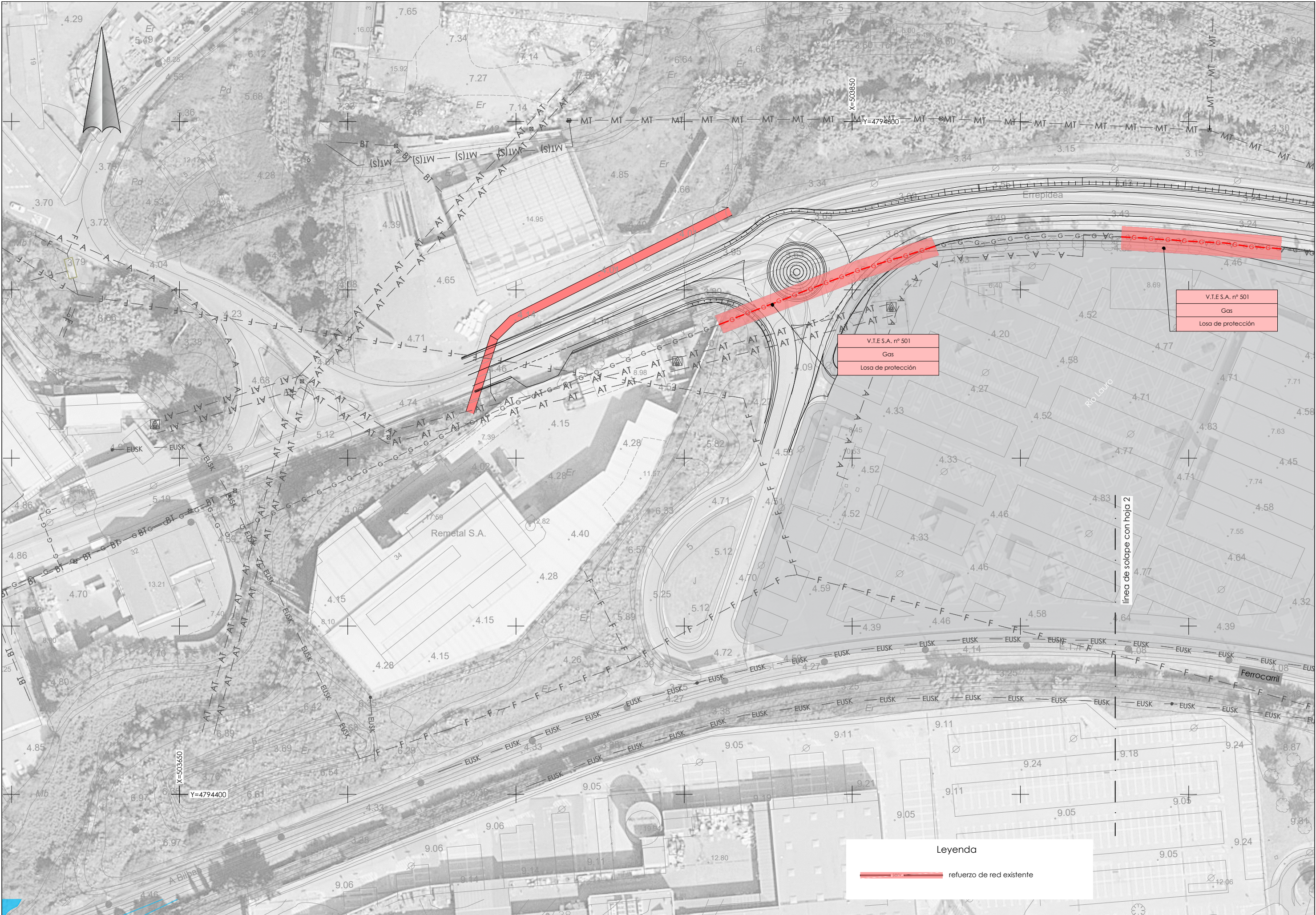
Acceso 2

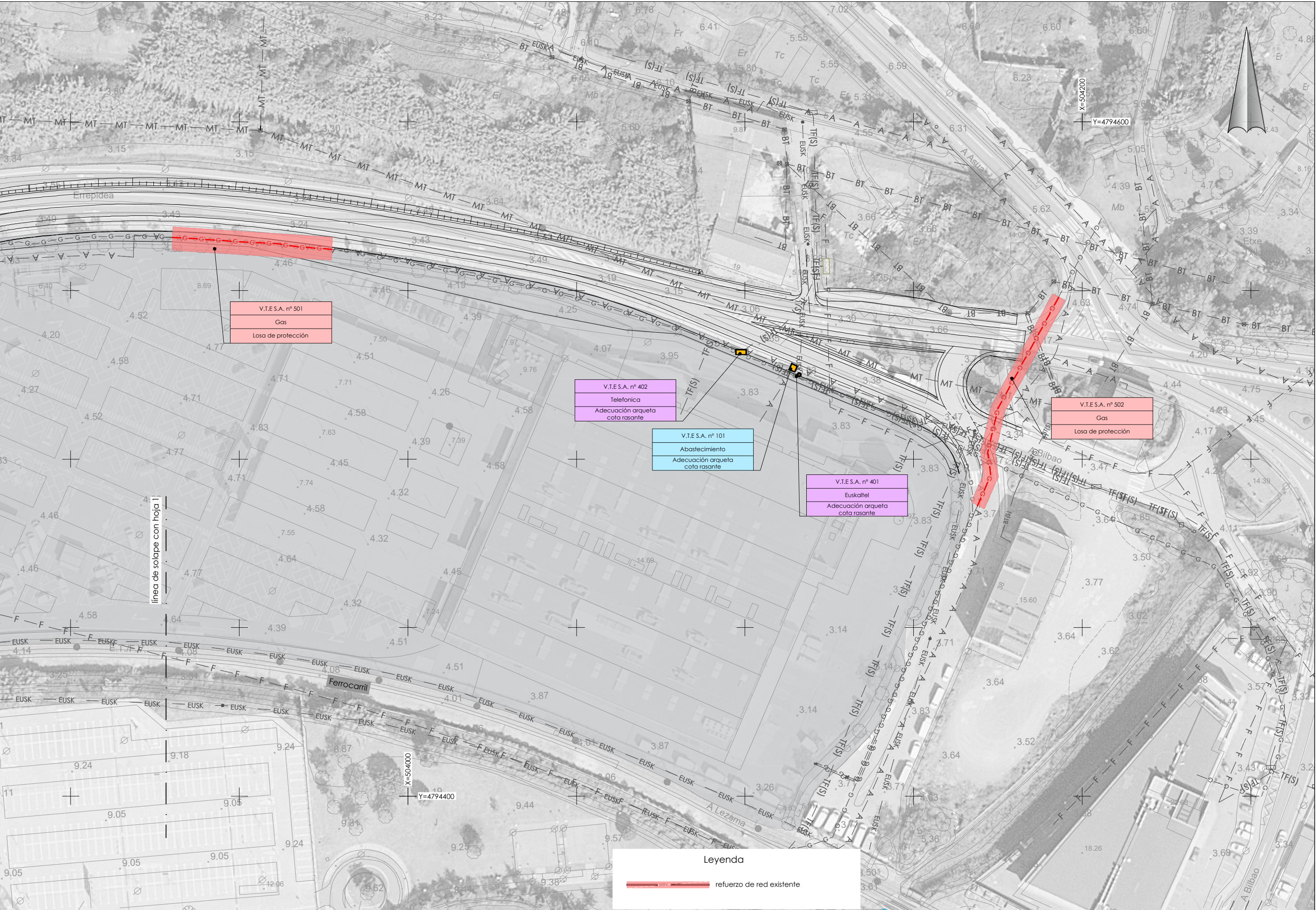


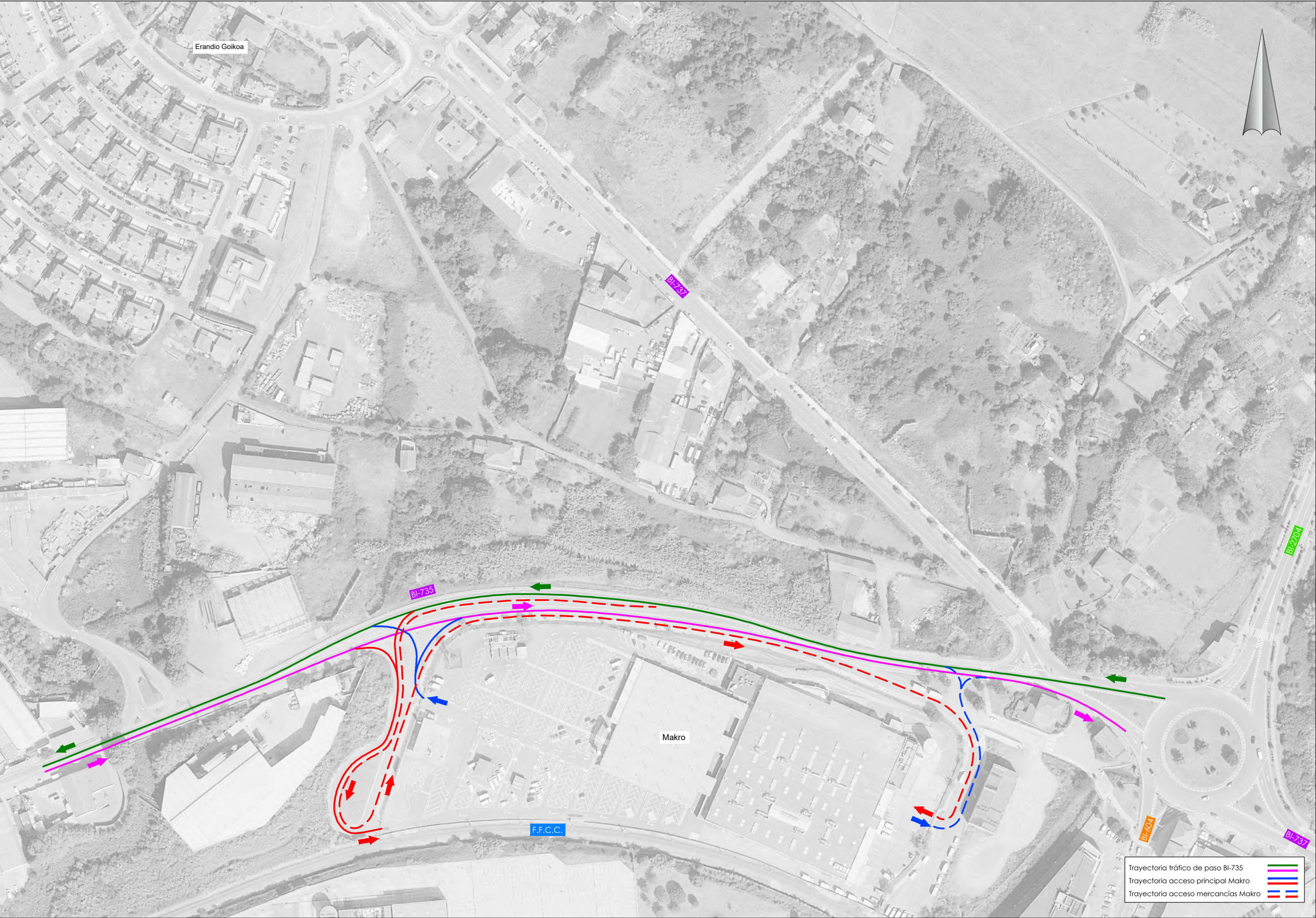
Leyenda

- Rasante propuesta
- Rasante original
- Acceso 3
- Avenida T=10 años
- Avenida T=100 años
- Avenida T=500 años
- Perfiles hidráulicos
- Altura de relleno
- Altura libre Avenida T10
- Altura libre Avenida T100





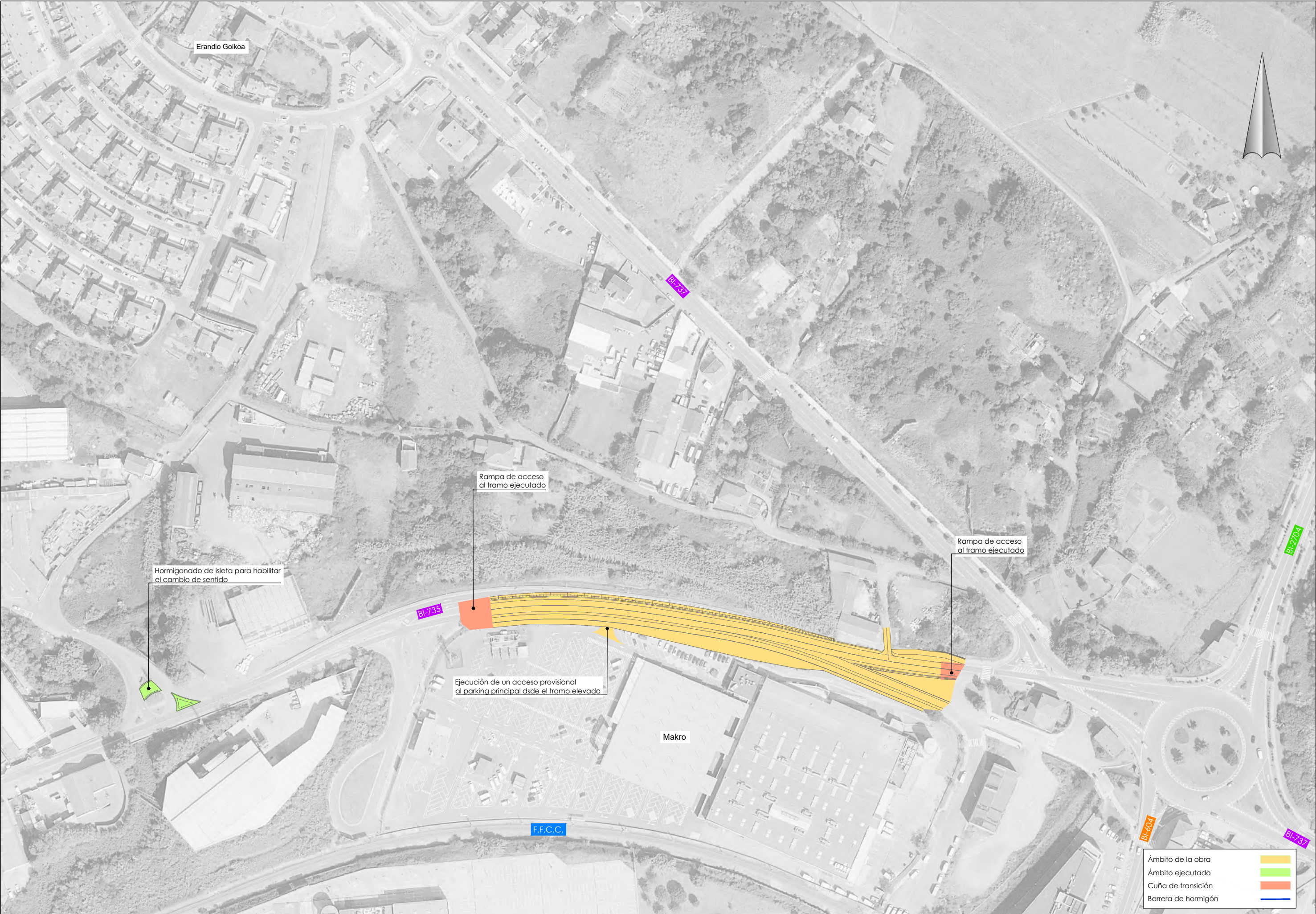


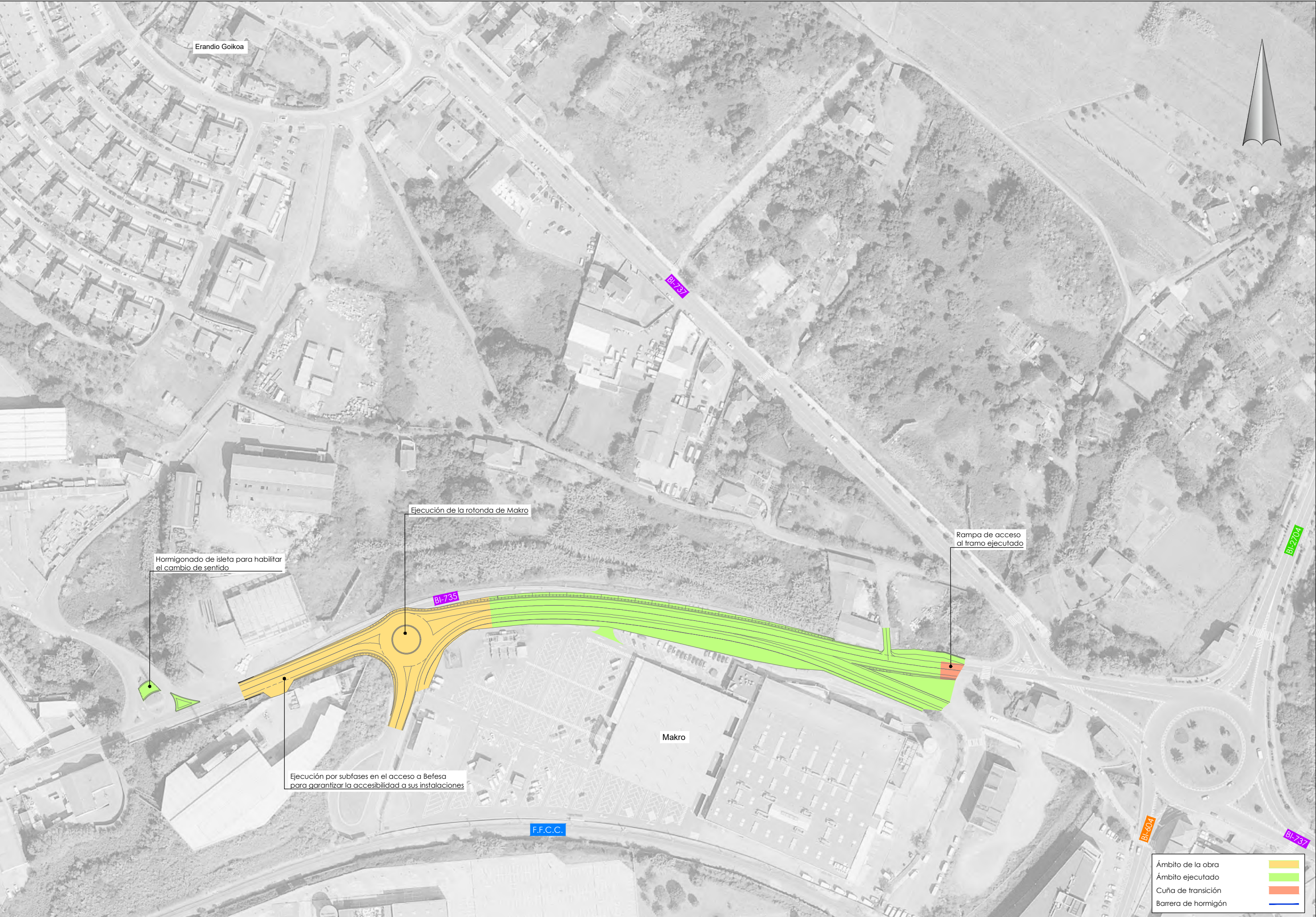


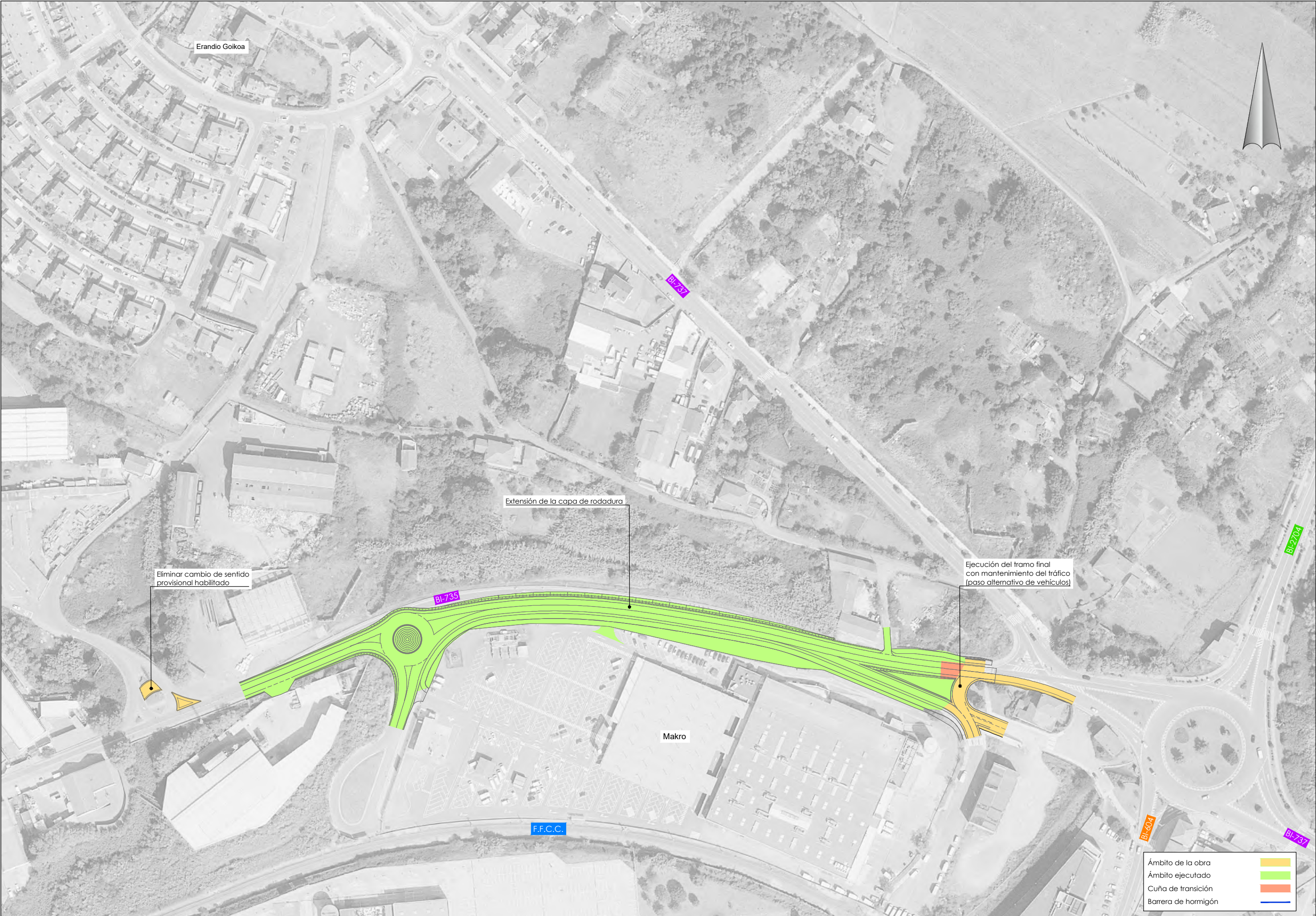


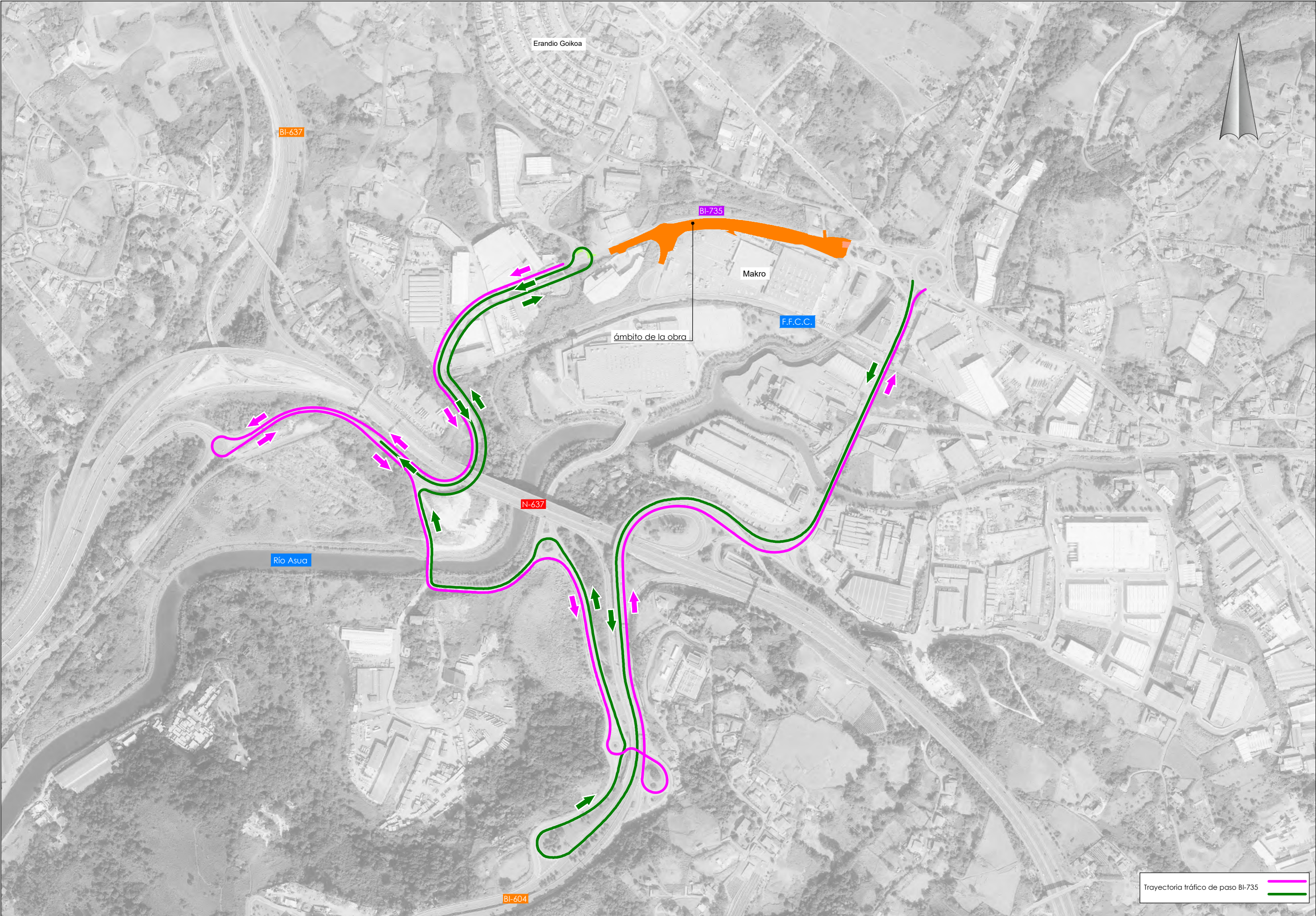
Hormigonado de isletas para habilitar el cambio de sentido

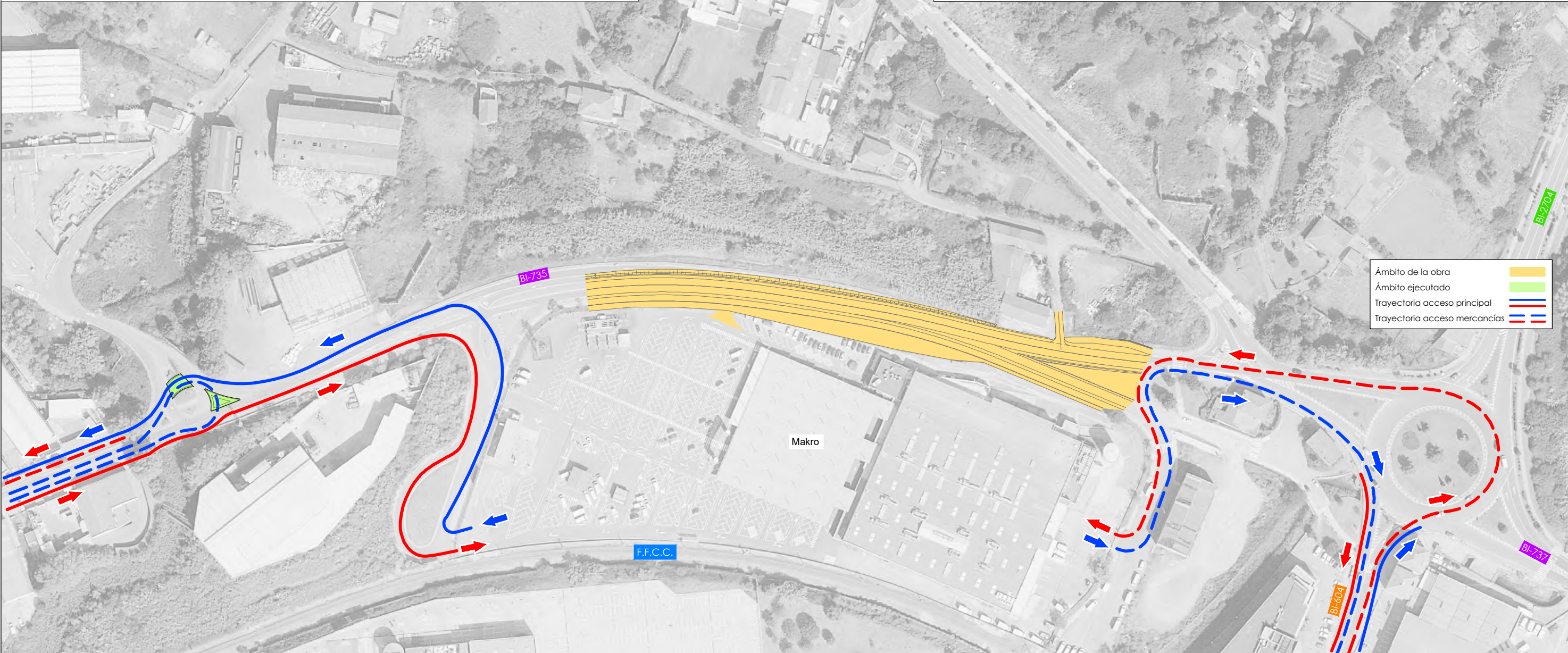
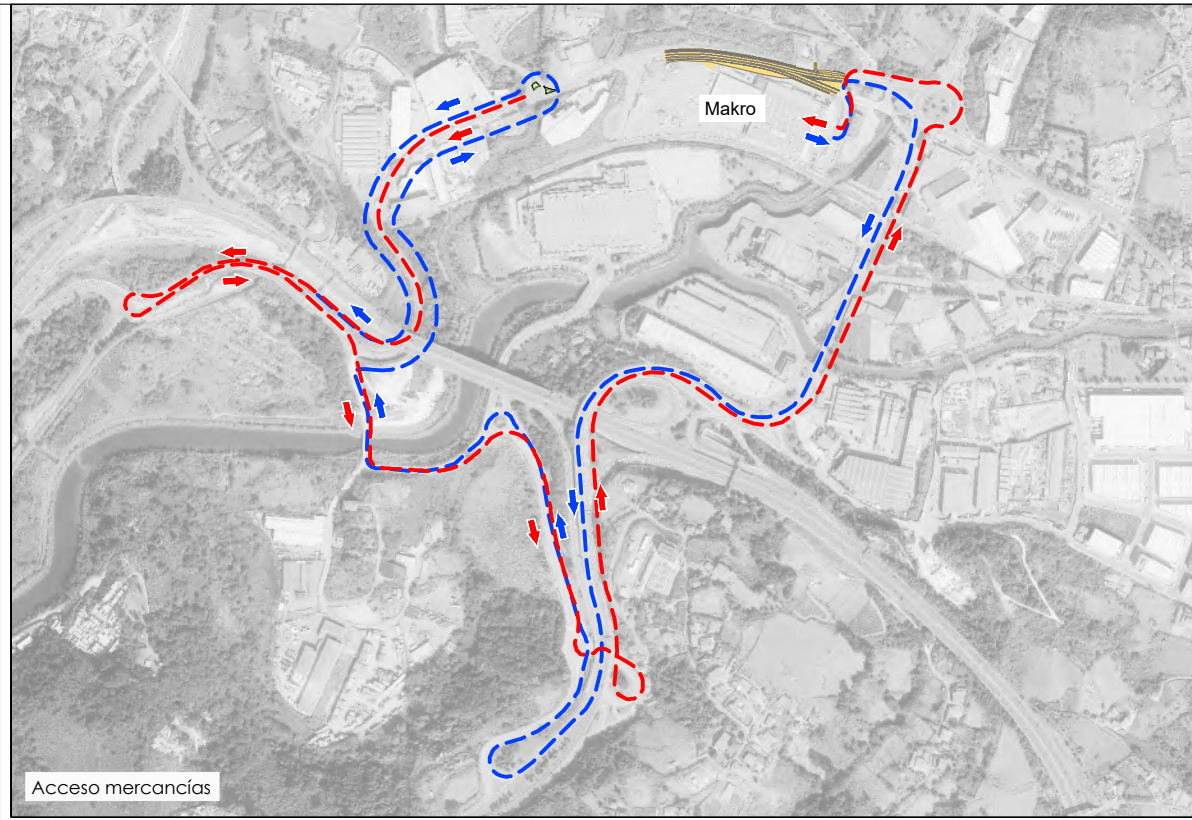
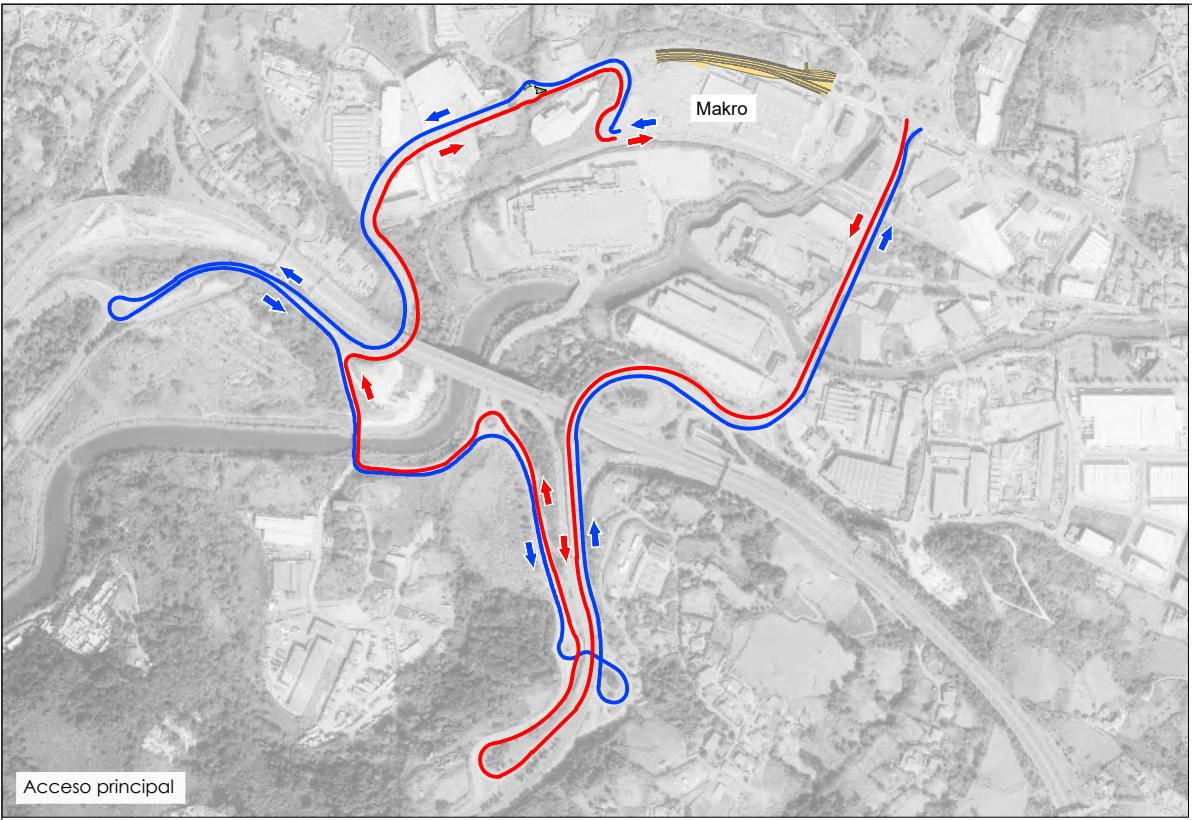
Ámbito de la obra	
Ámbito ejecutado	
Cuña de transición	
Barrera de hormigón	

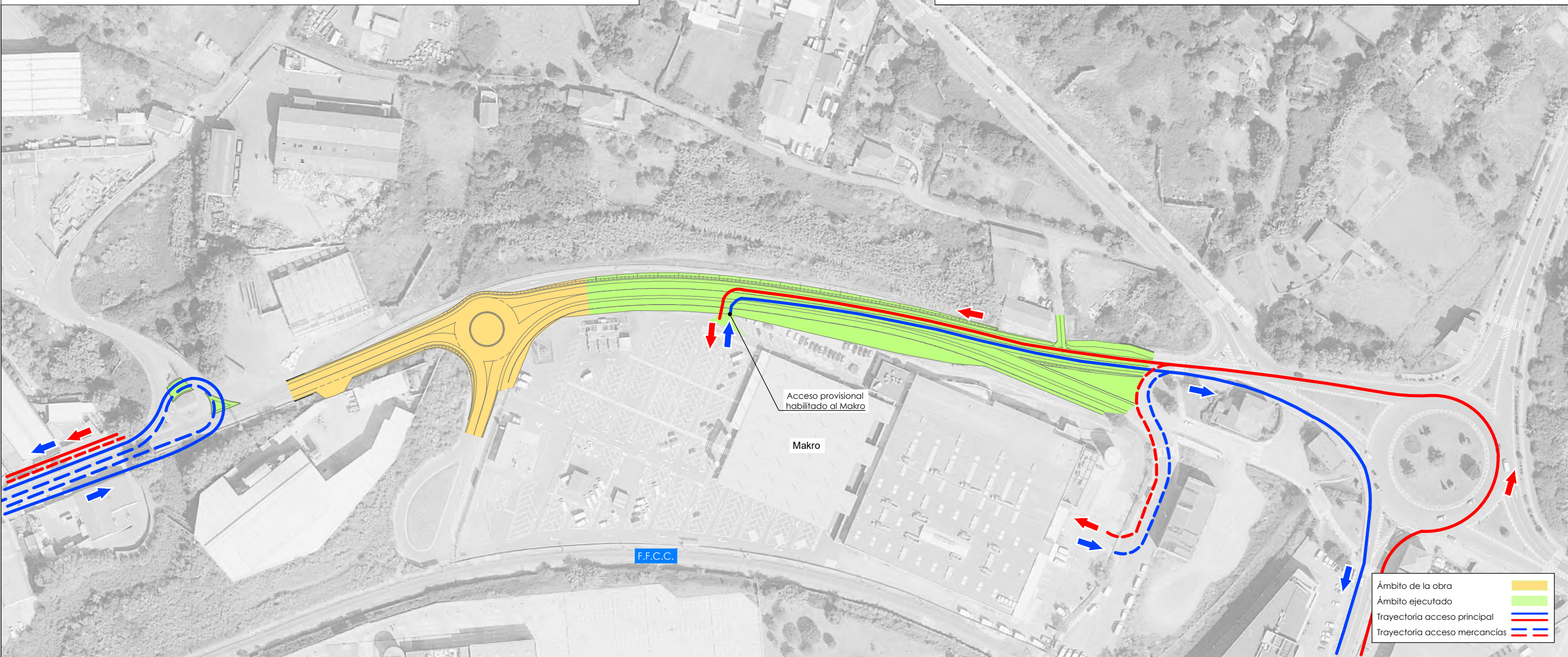
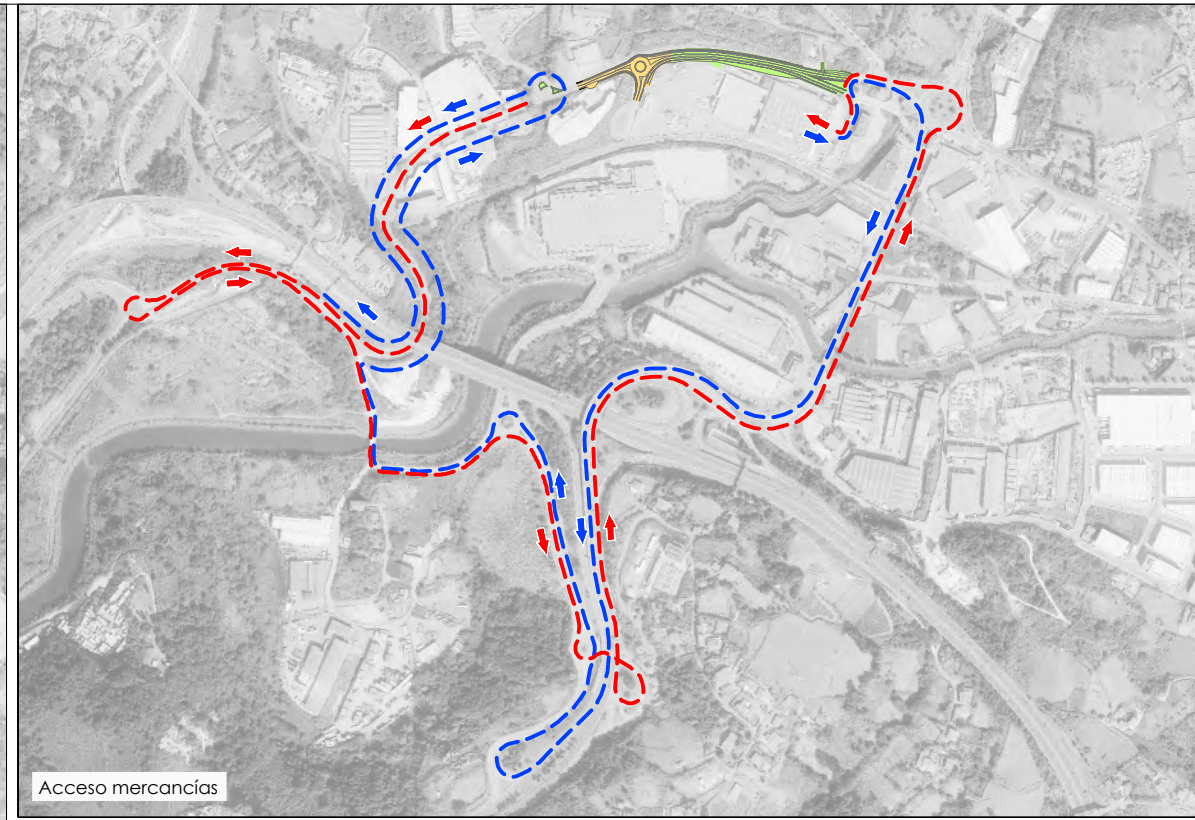
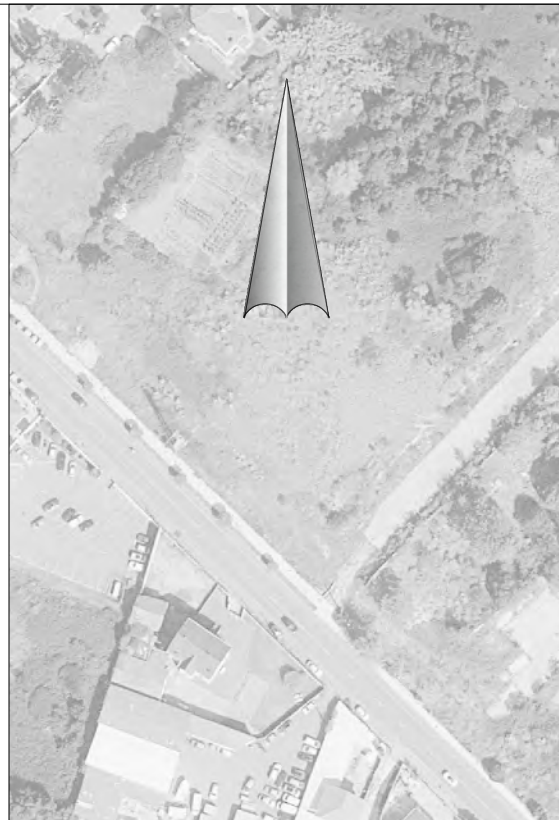
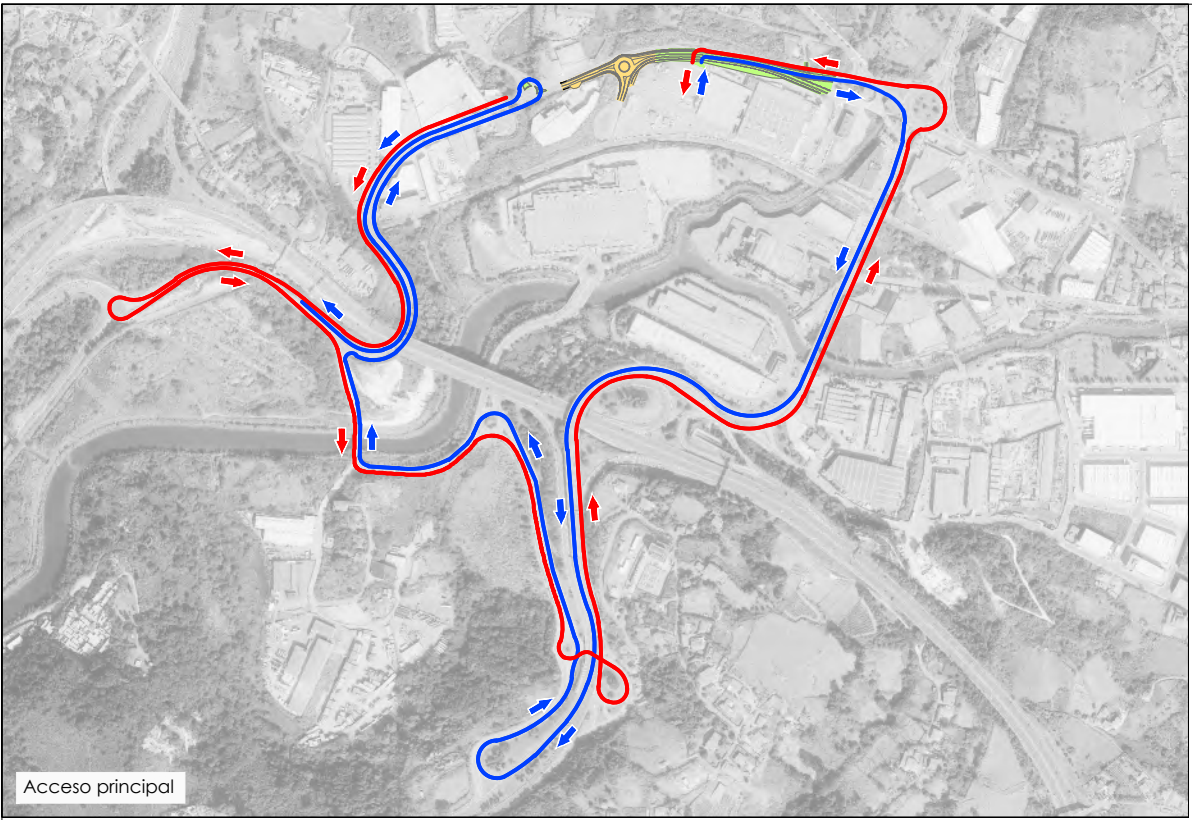


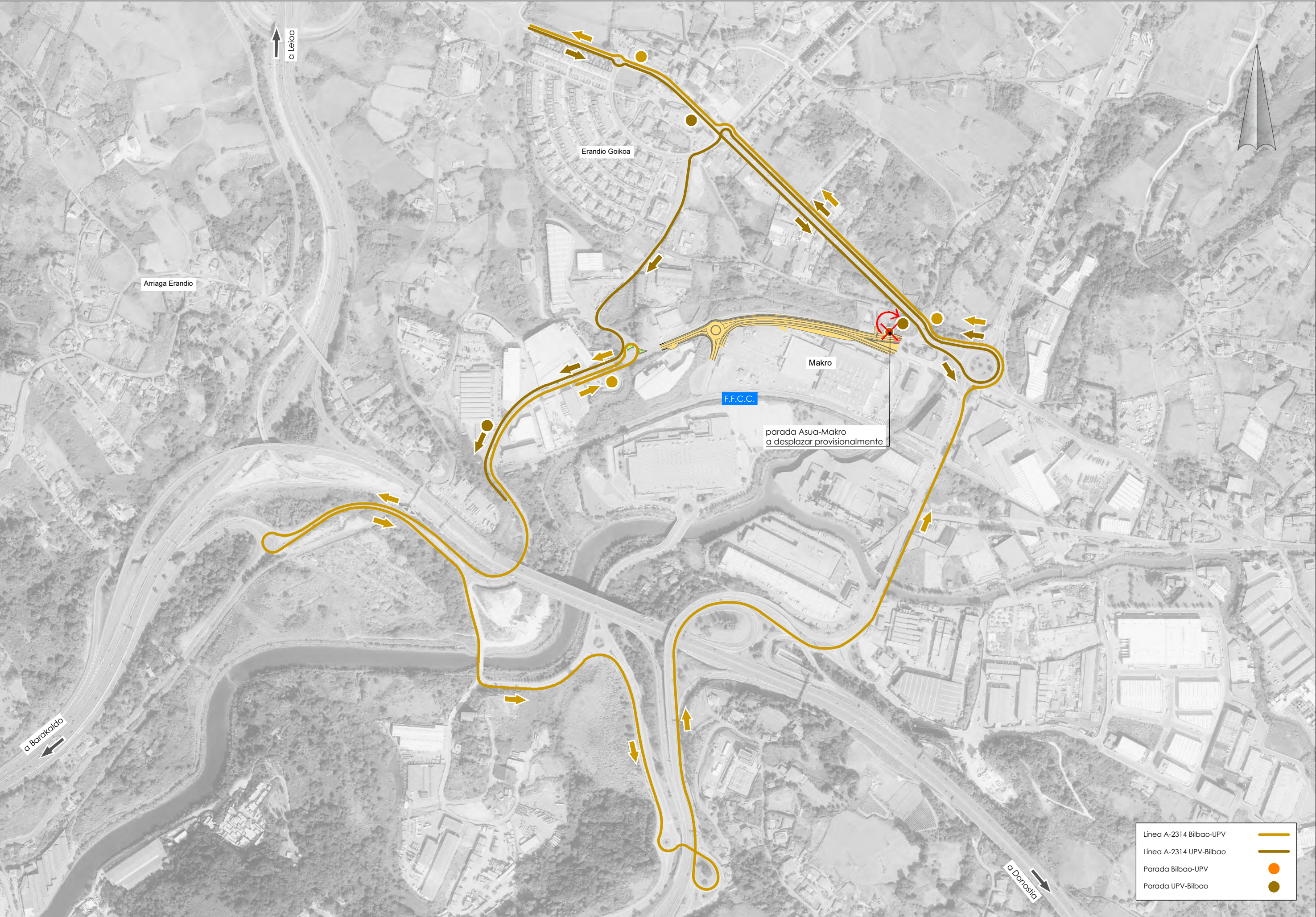




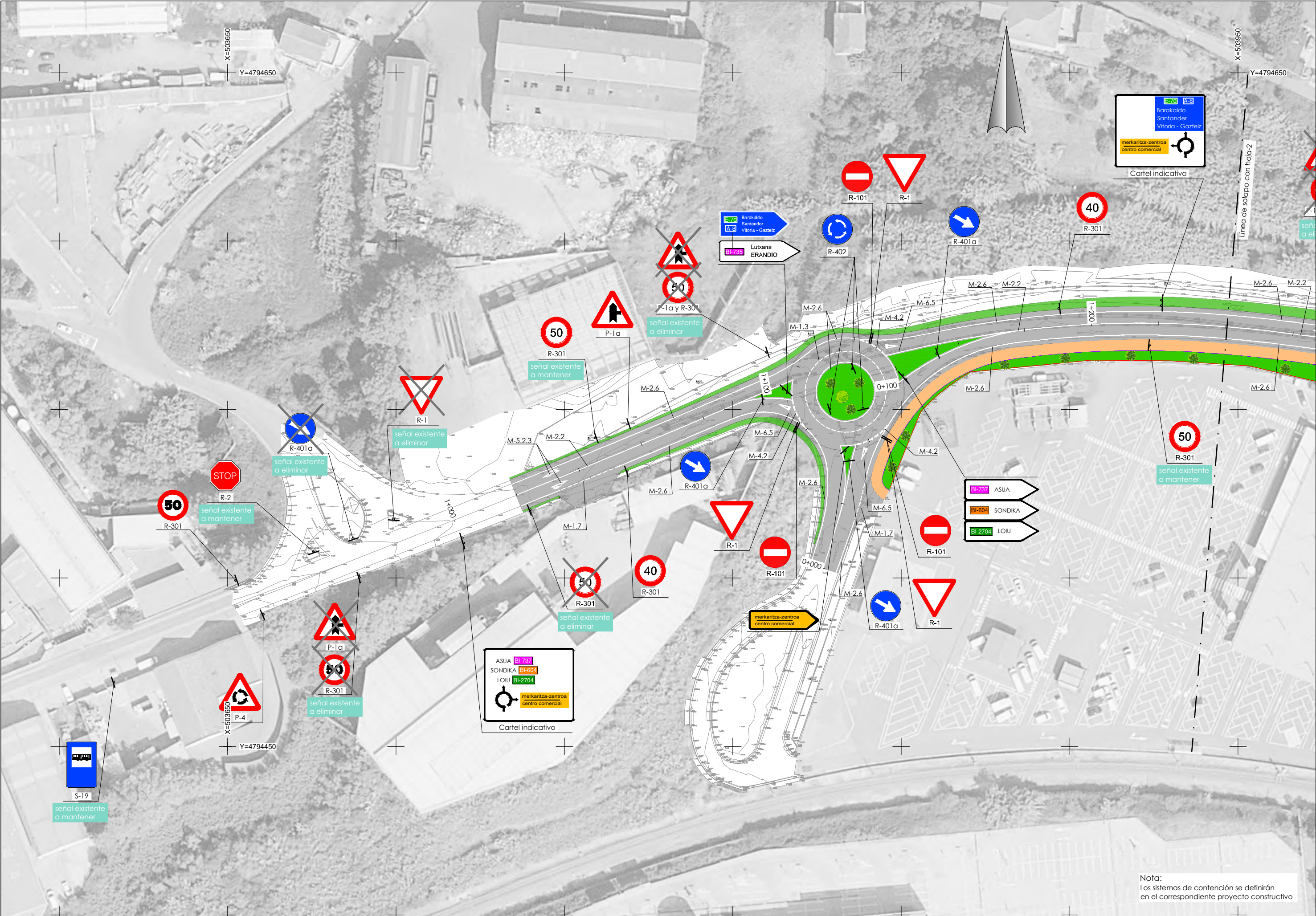




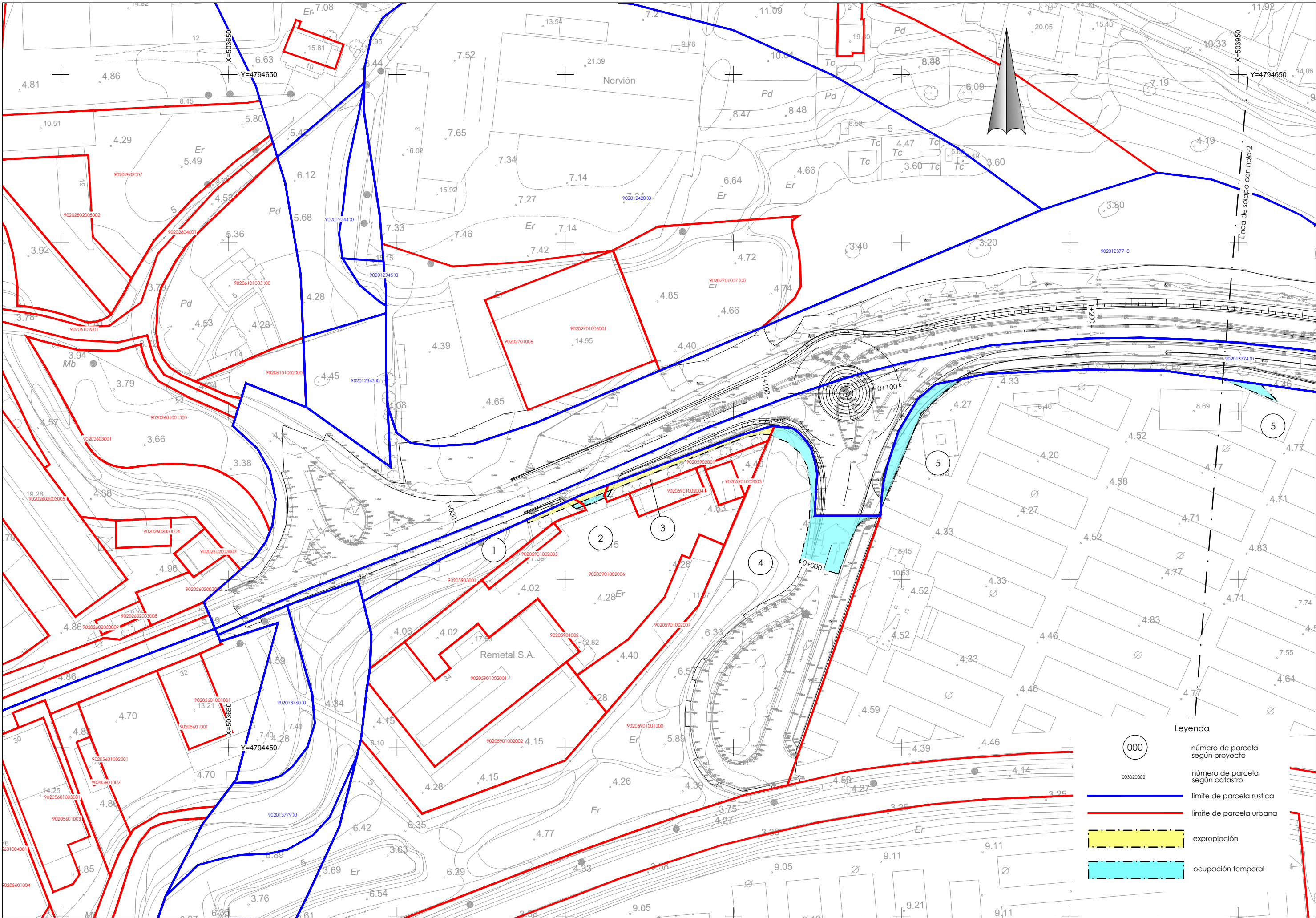


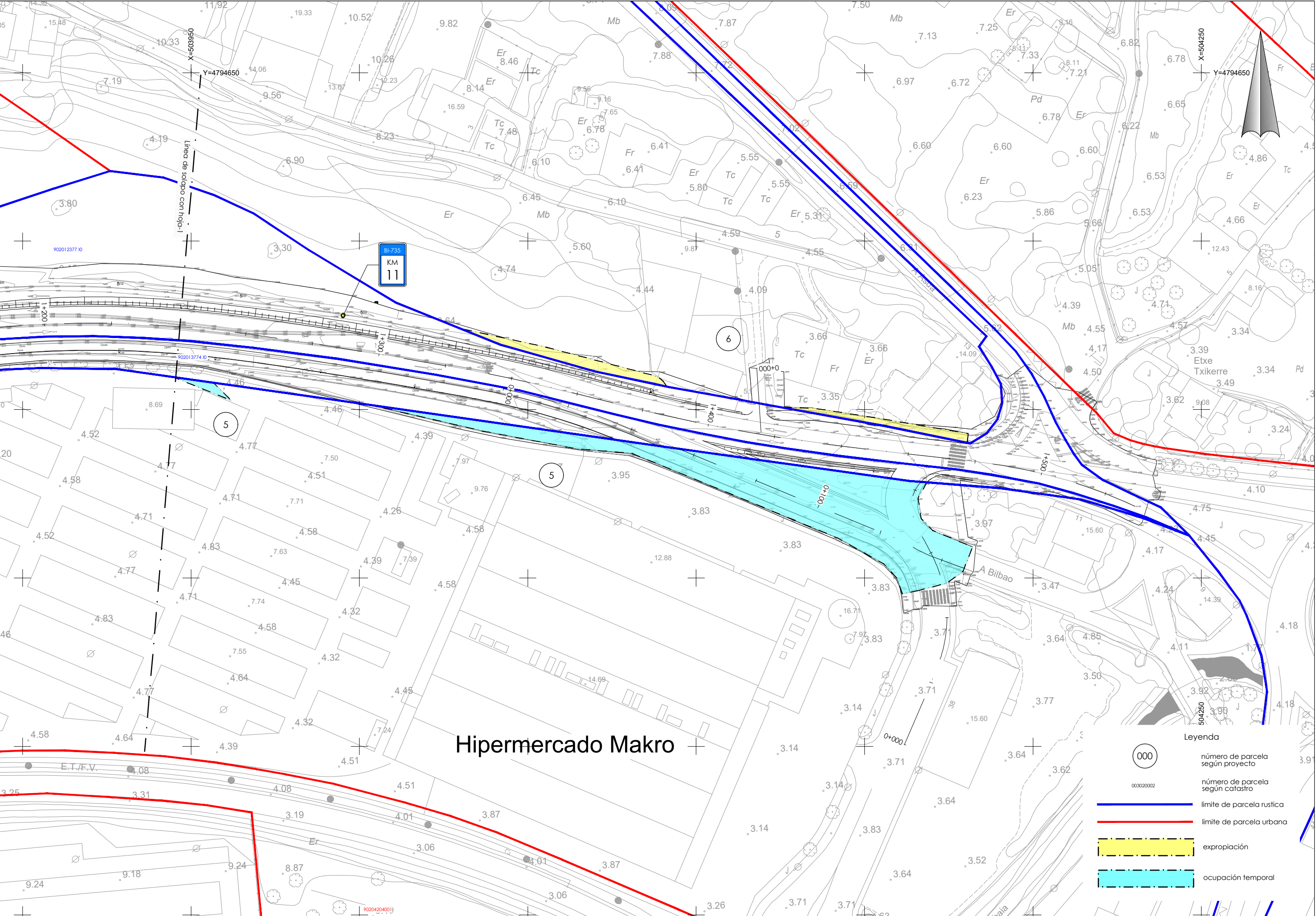


Línea A-2314 Bilbao-UPV	
Línea A-2314 UPV-Bilbao	
Parada Bilbao-UPV	
Parada UPV-Bilbao	









Hipermercado Makro

Leyenda

- 000 número de parcela según proyecto
- 003020002 número de parcela según catastro
- límite de parcela rustica
- límite de parcela urbana
- expropiación
- ocupación temporal