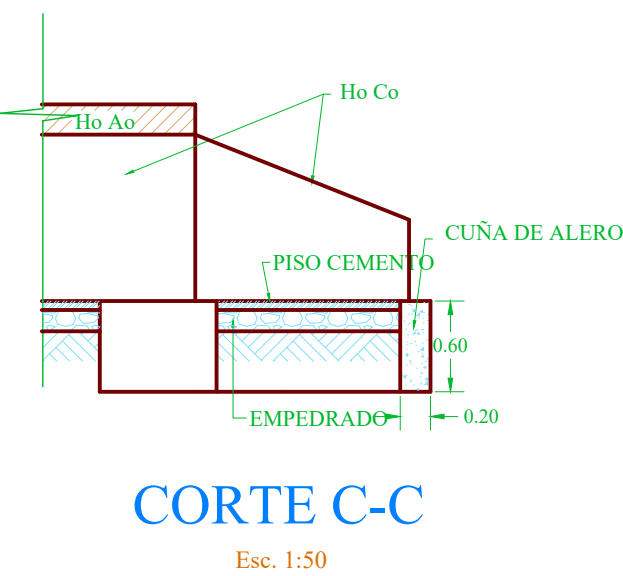
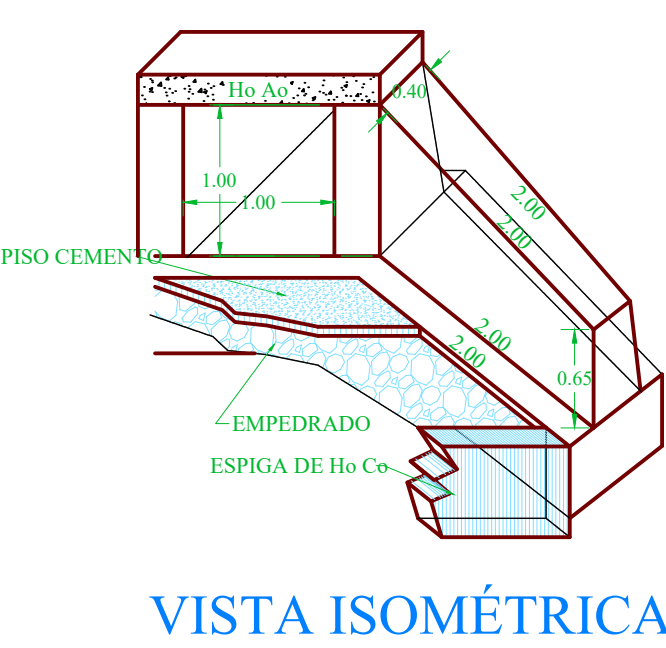
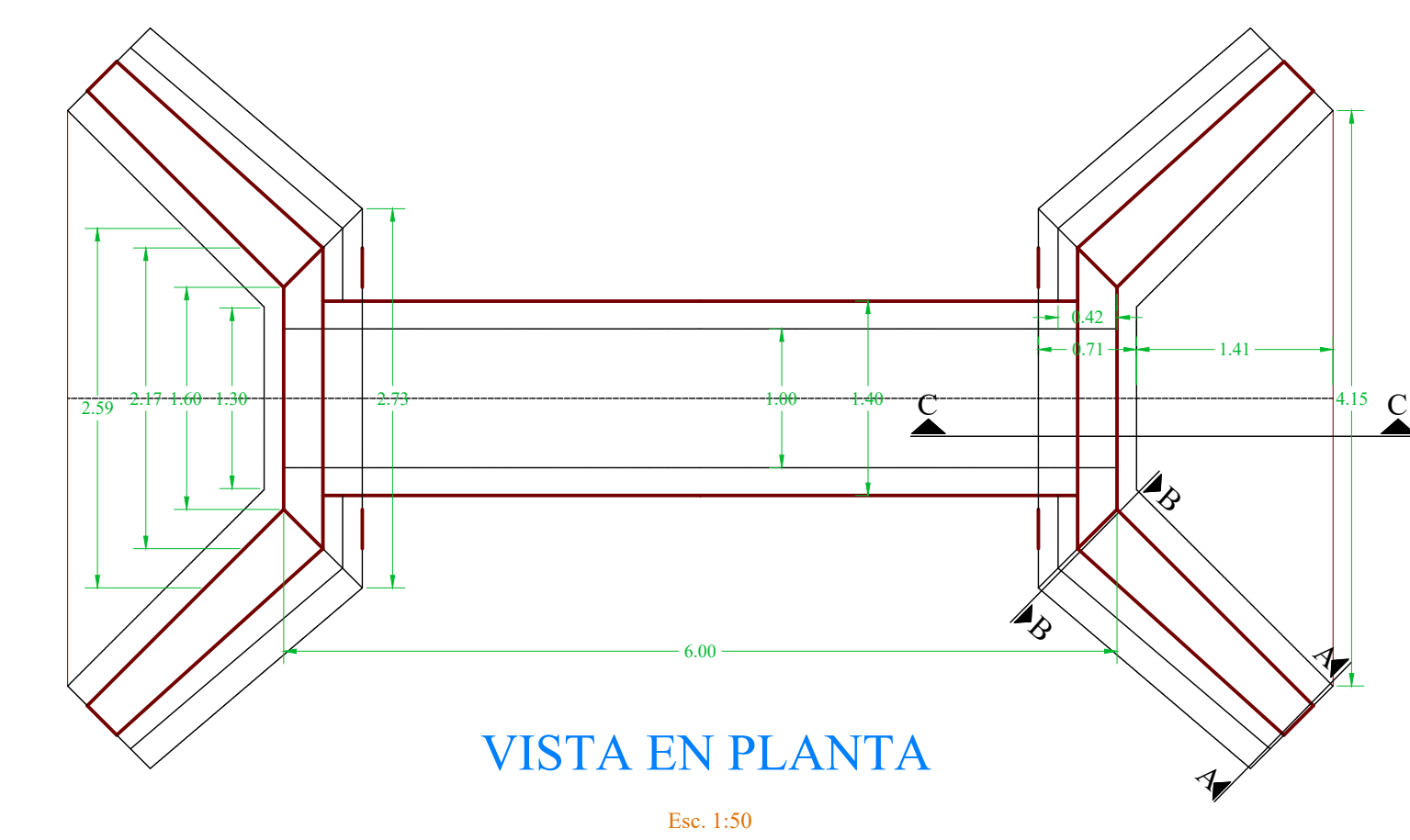


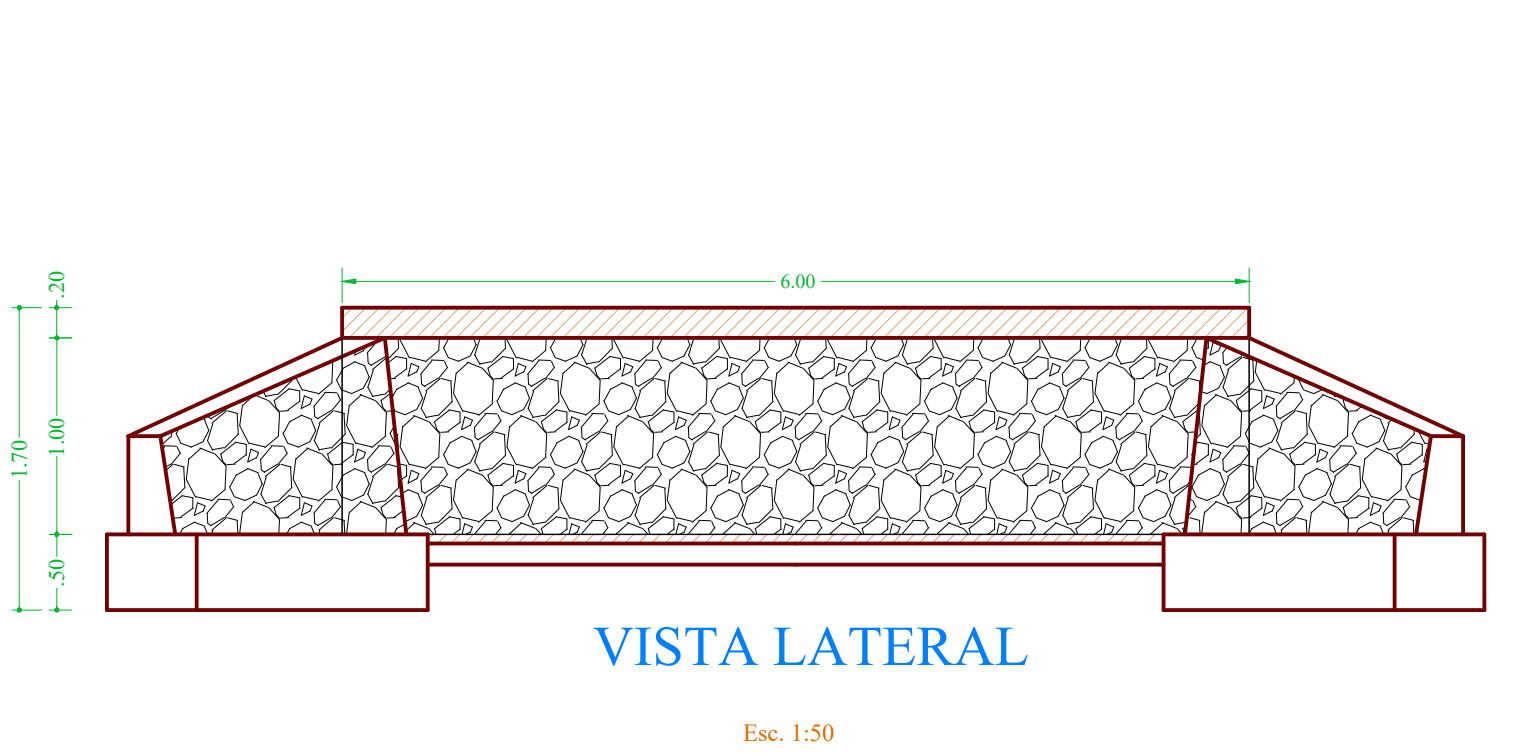
ALCANTARILLAS DE CRUCE



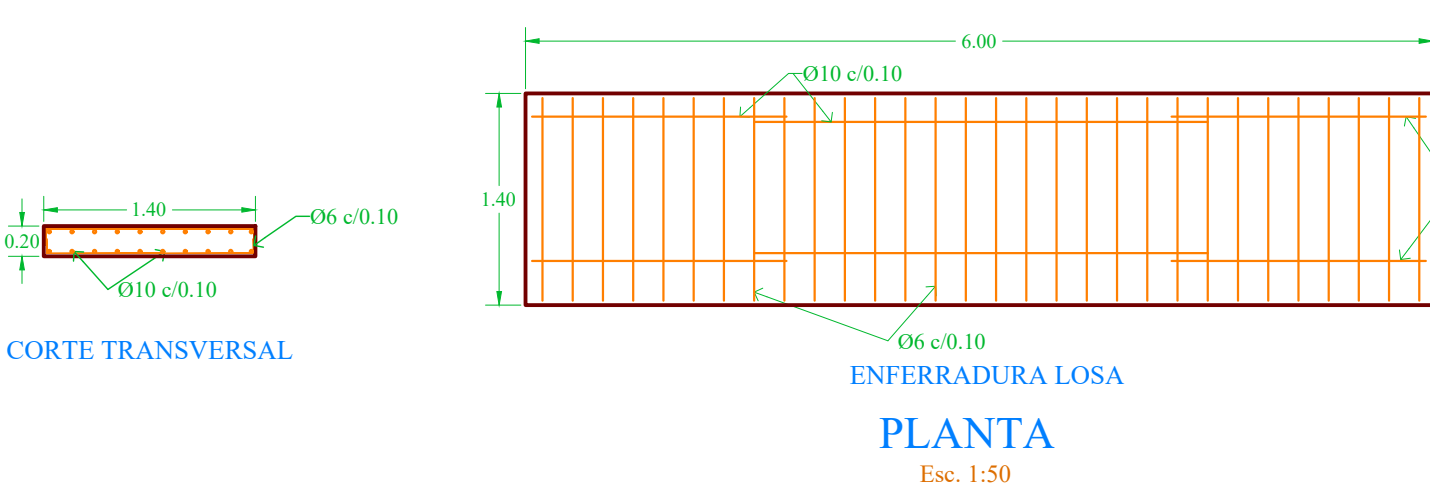
CUADRO DE VOLUMENES

ALCANTARILLA CON PAREDES LATERALES DE H° C° LOSA H° A° ALEROS H° C° PISO CEMENTO SOBRE EMPEDRADO LUZ 1M

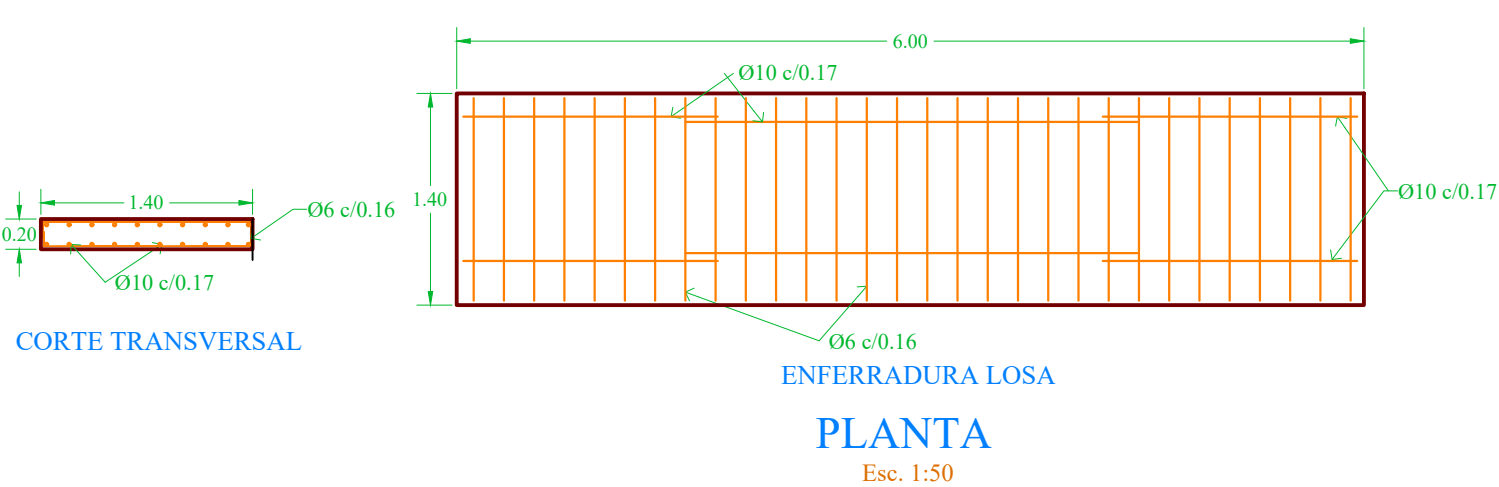
ÍTEM	DIMENSIONES (M)					ÁREA M2	LONGITUD (ML)	VOLUMENES (M3)
	a	b	c	d	e			
Paredes laterales de H° C°	0.20	1.00				2.00	0.40	2.40
Losa H° A°	0.20	1.40				0.28		1.92
Piso de cemento c/empedrado	0.20	1.00				0.20		1.68
Espiga de H° C°	0.20	0.60	4.15			2.00		1.99
vol.						0.72		
Alero H° C°						4.00		2.88
Fundación lateral (a+b)/2 * h * 50	1.00	0.96	2.00		0.50	4.00		3.92
Fundación central (a+b)/2 * h * 30	2.73	1.30	0.71		0.50	2.00		2.86
Cuña alero (L * L)/2 * h * 4	0.28	0.28	1.30			4.00		0.20
TOTAL								10.86
Piso de cemento c/empedrado	3.75	1.32	1.22		0.20	2.00		1.23
Alero								



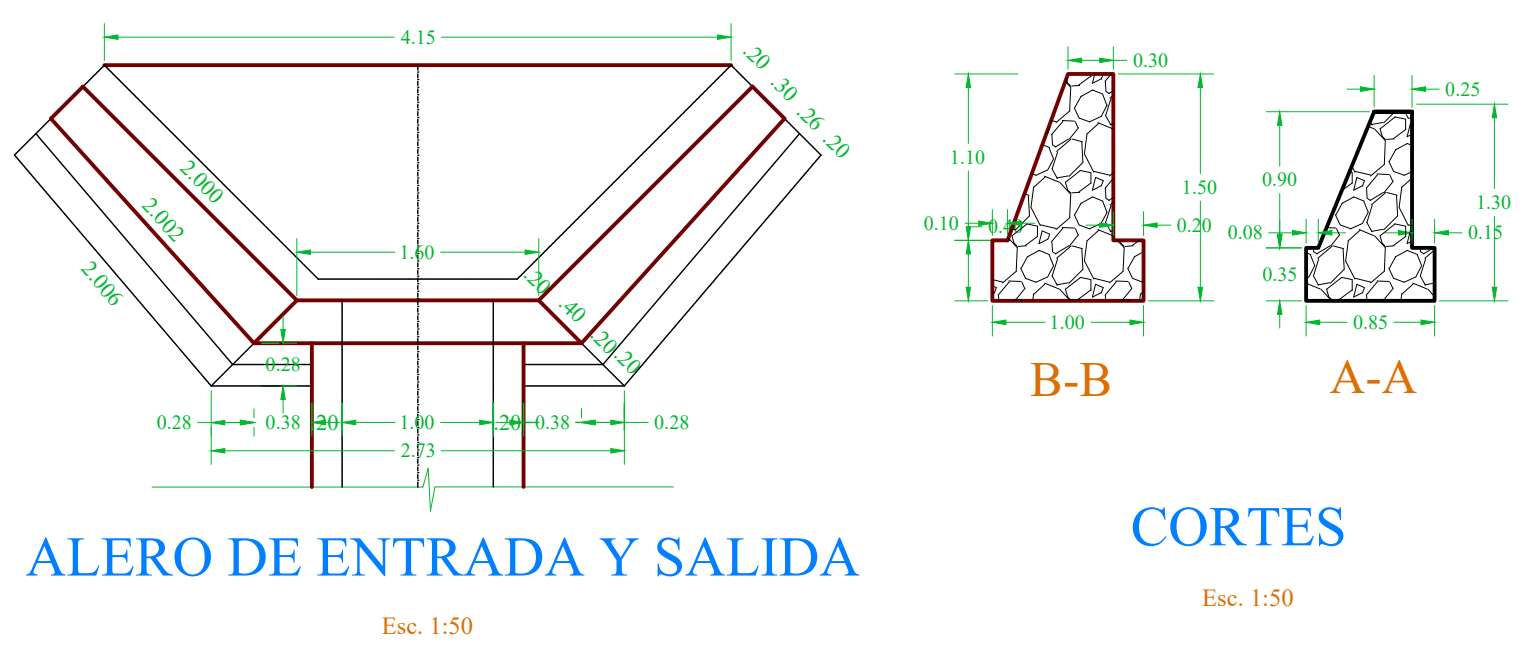
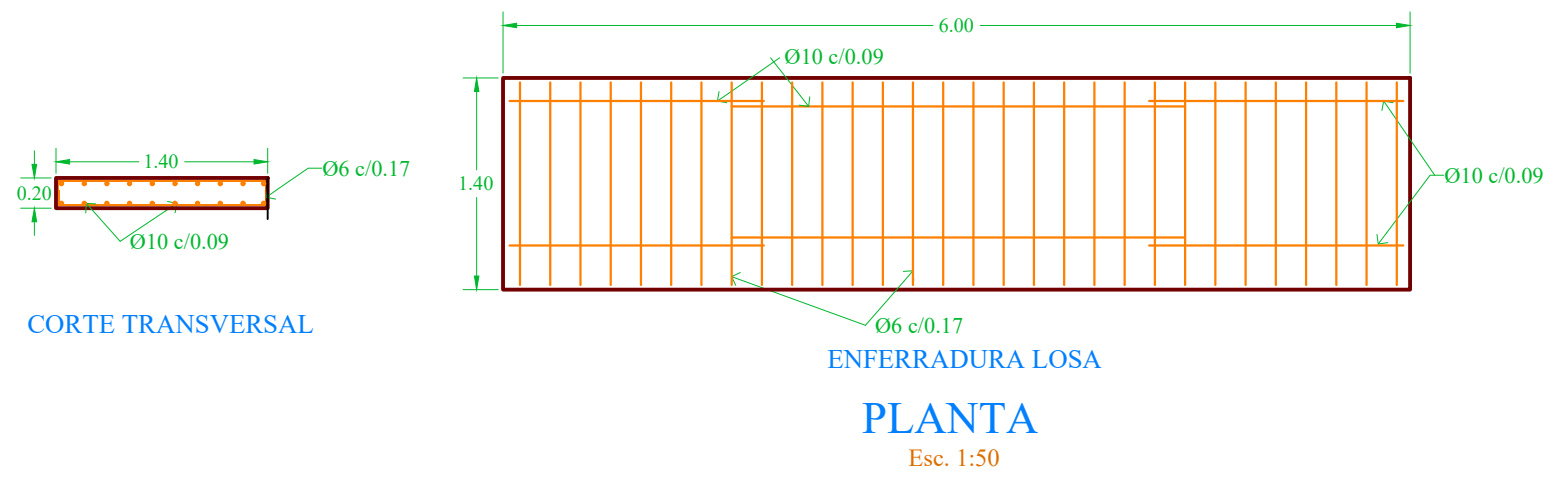
ARMADURA TIPO 1



ARMADURA TIPO 2

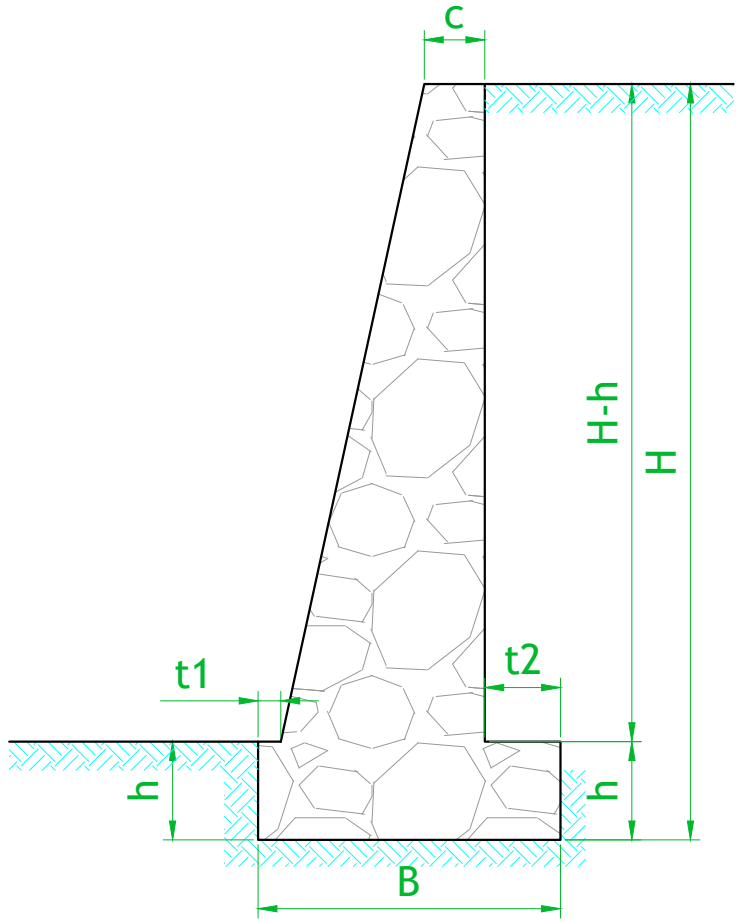


ARMADURA TIPO 3

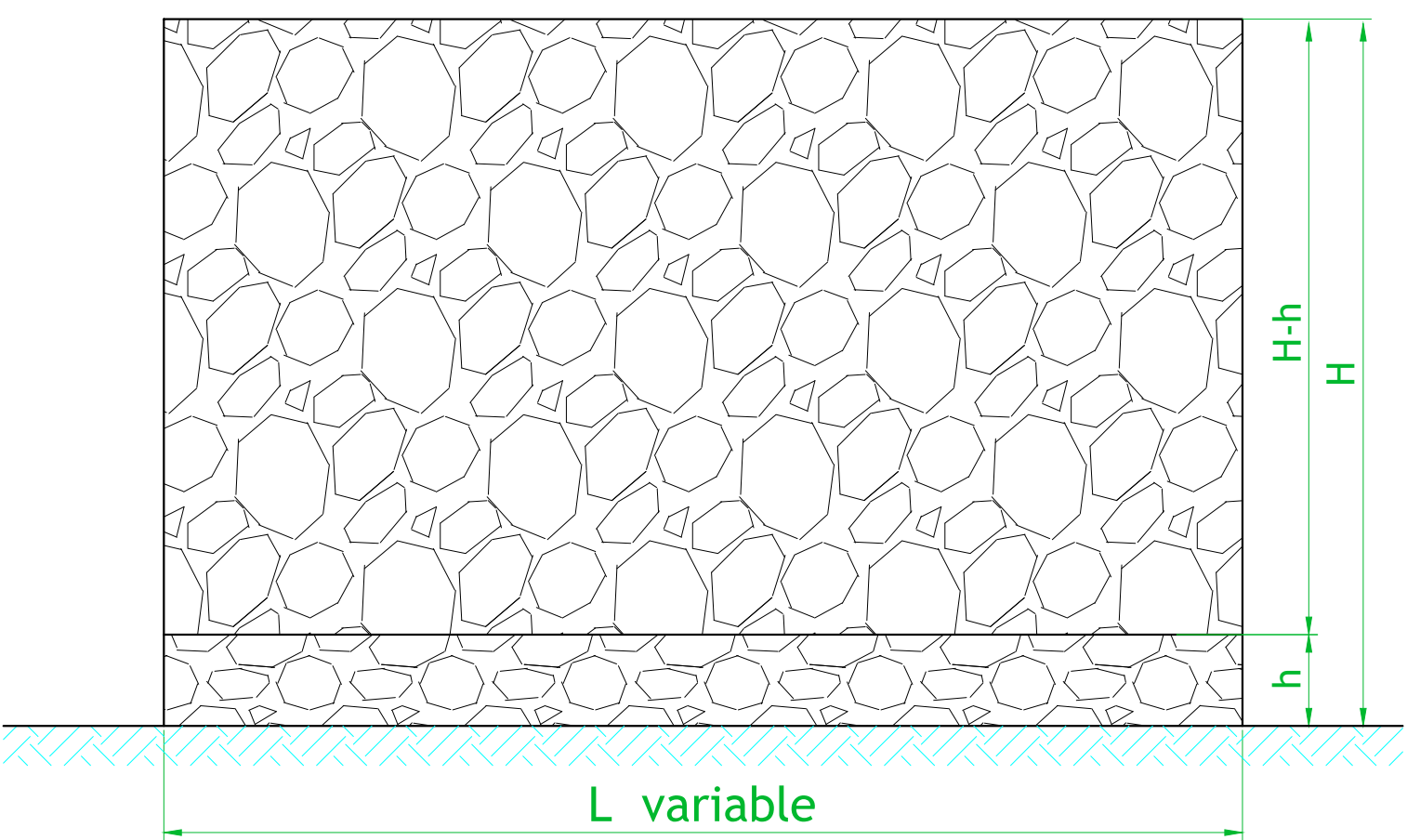


MUROS DE CONTENCIÓN DE H° C°

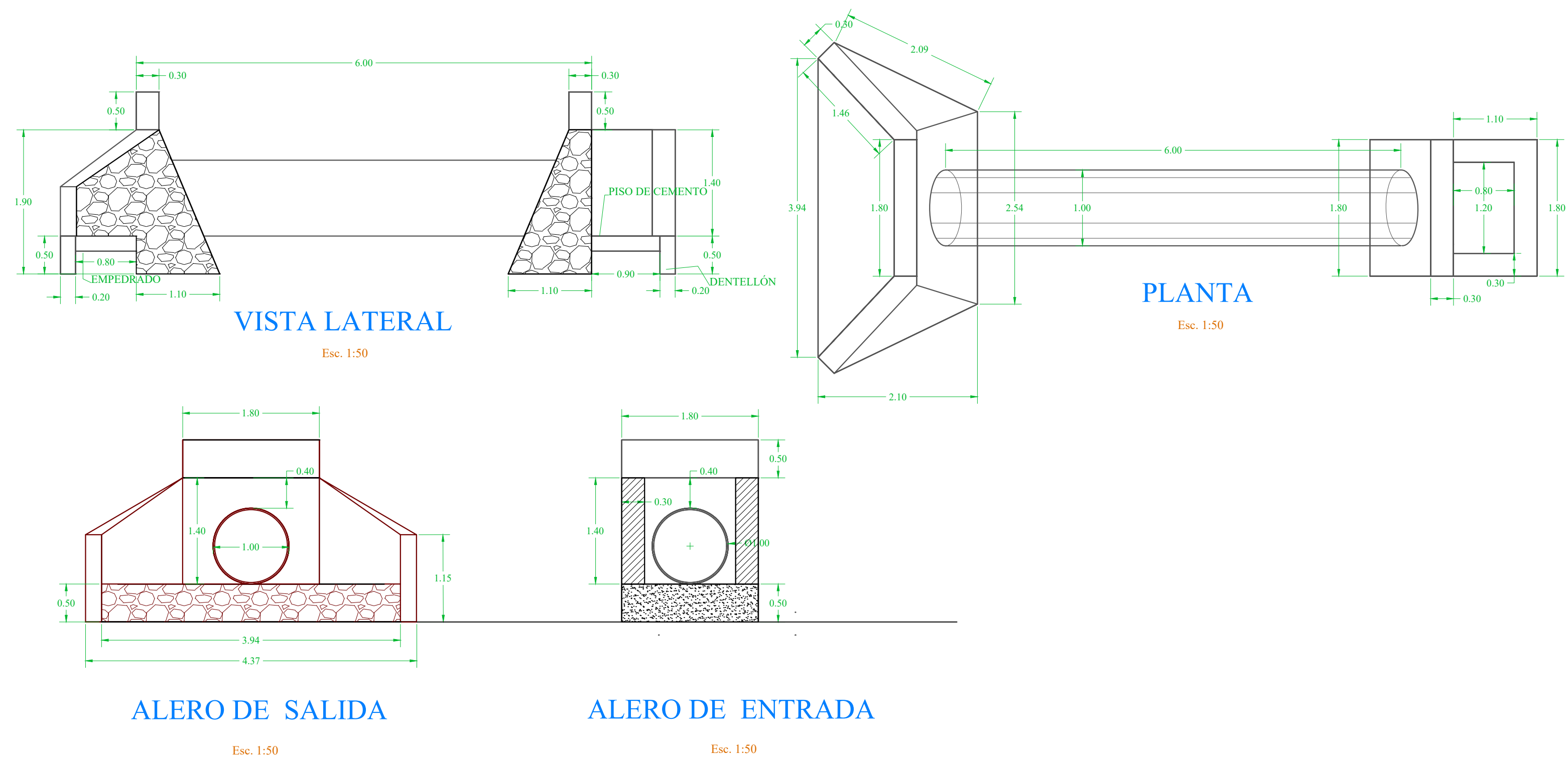
VISTA LATERAL



VISTA FRONTAL

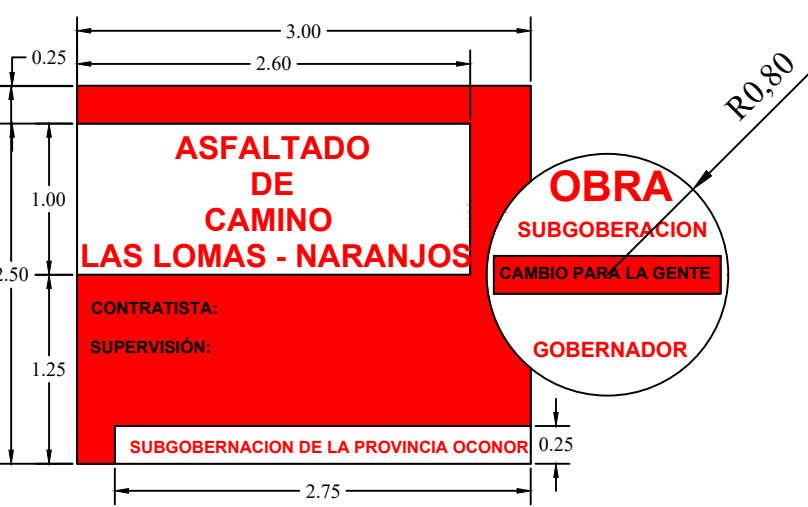


ALCANTARILLAS TIPO ALIVIO

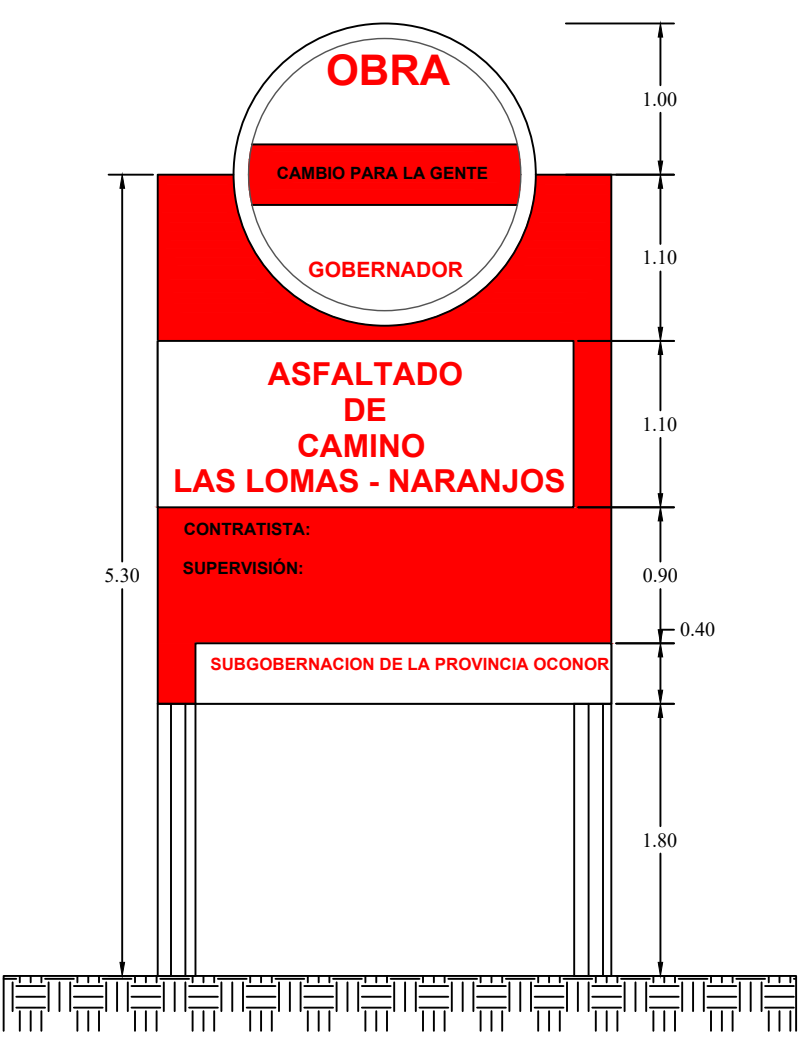


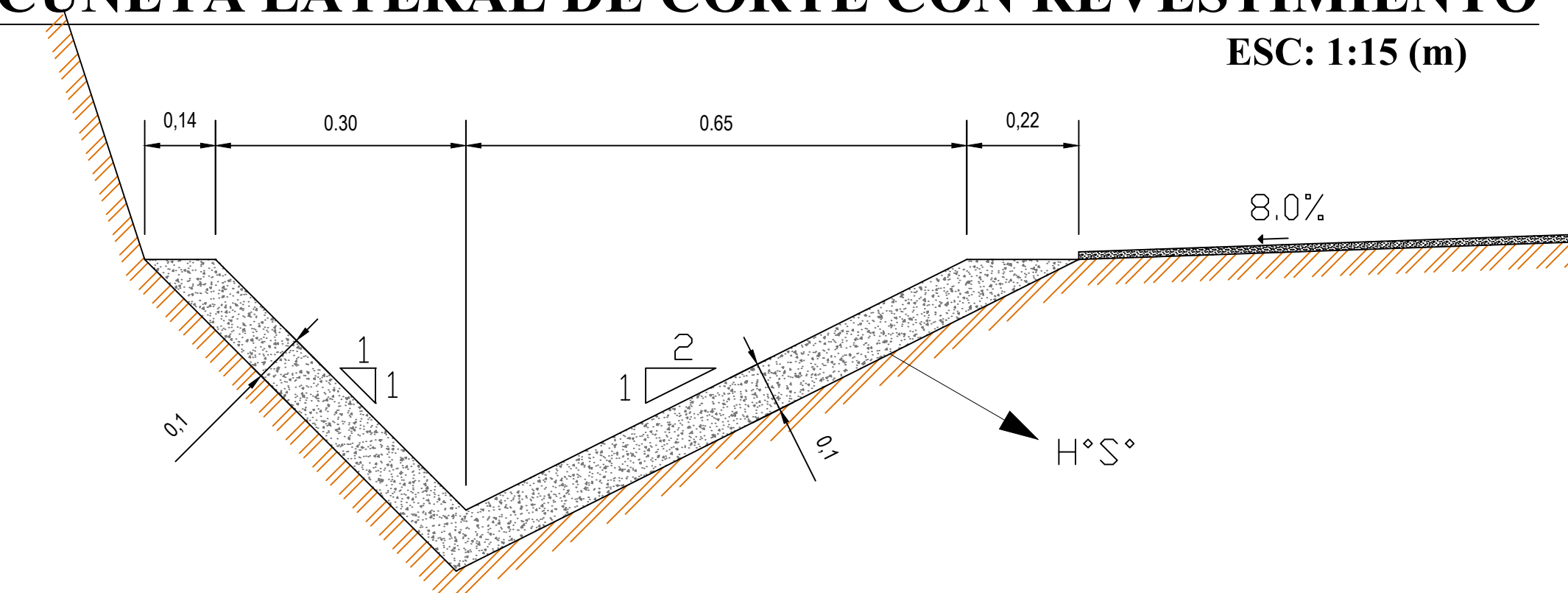
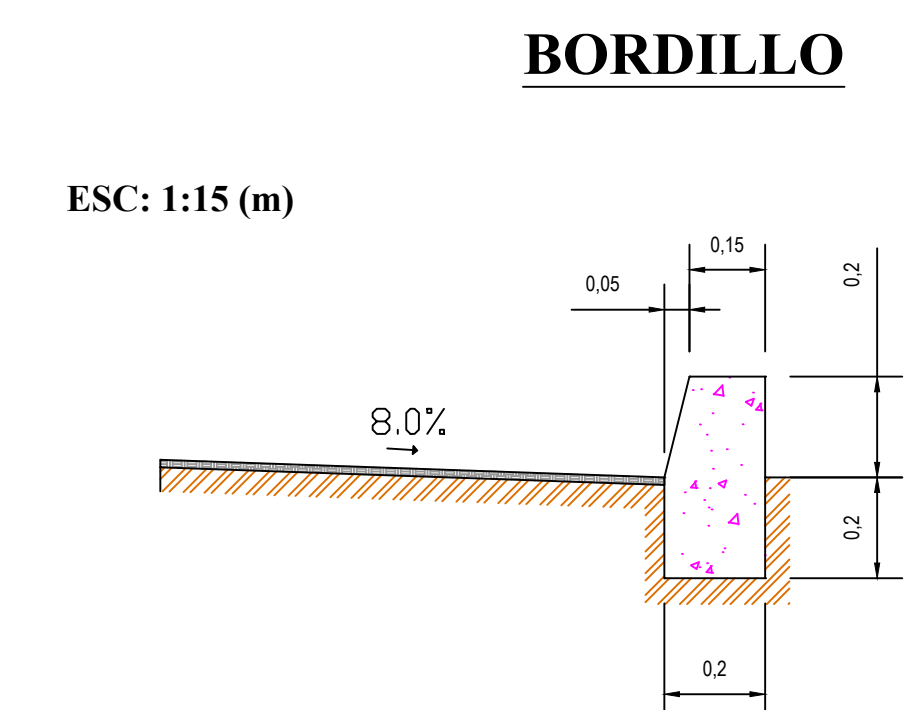
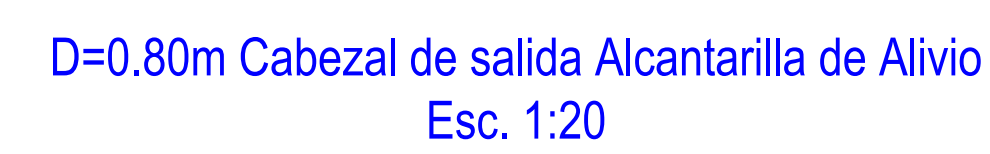
CARTELES DE OBRA

HORIZONTAL



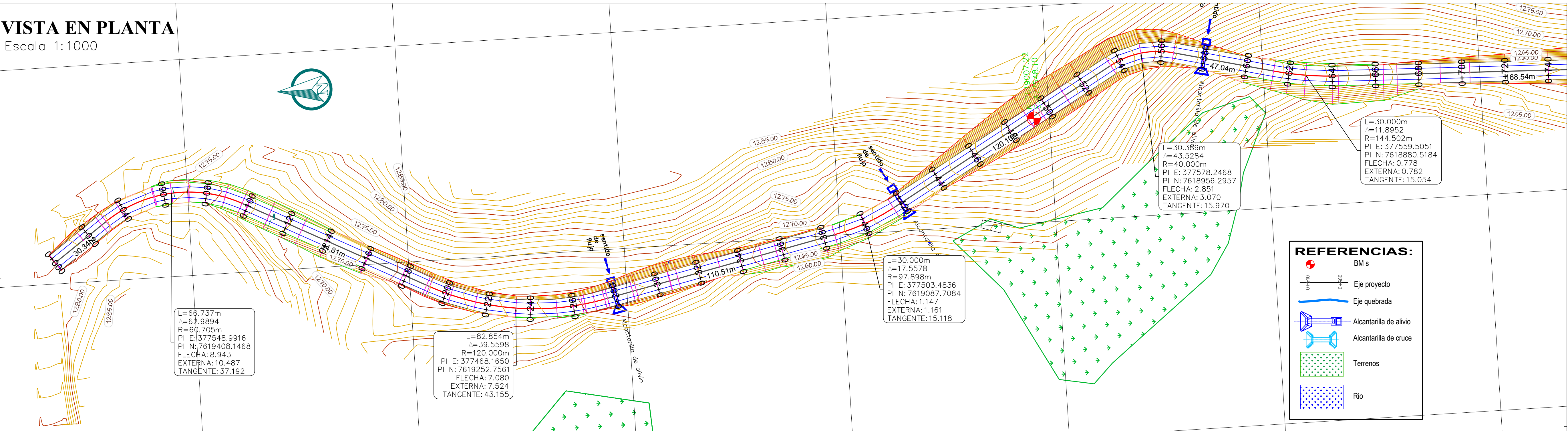
VERTICAL





VISTA EN PLANTA

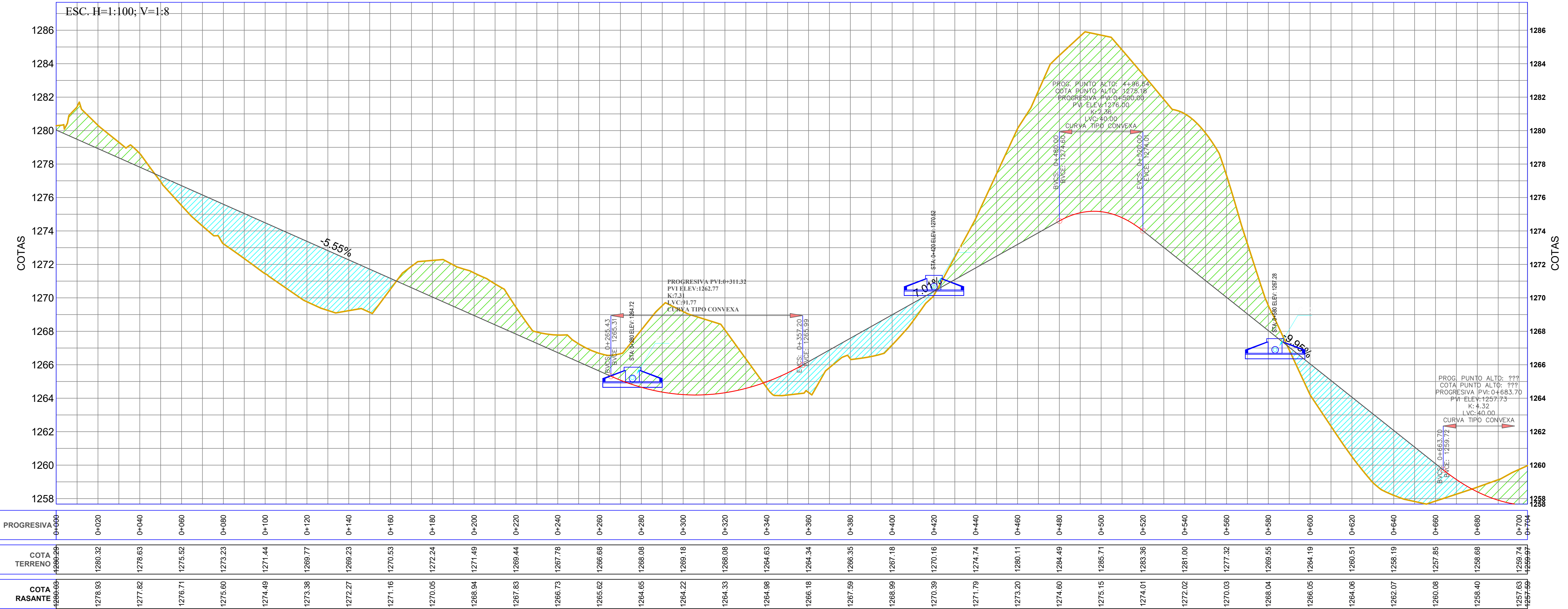
Escala 1:1000



PERFIL LONGITUDINAL

ESC. H=1:100; V=1:8

PERFIL



UNIVERSIDAD:

JUAN MISAEL SARACHO

PROYECTO:

DISEÑO DE INGENIERIA DEL TRAMO LAS LOMAS- NARANJOS (ENTRE- RIOS)

DISEÑO :

JHILMAR SUNAGUA CACERES

FIRMA:

CARACTER:

PLANO BIMODAL PROG. 0+000 A 0+704

ESCALA:

1 : 1000

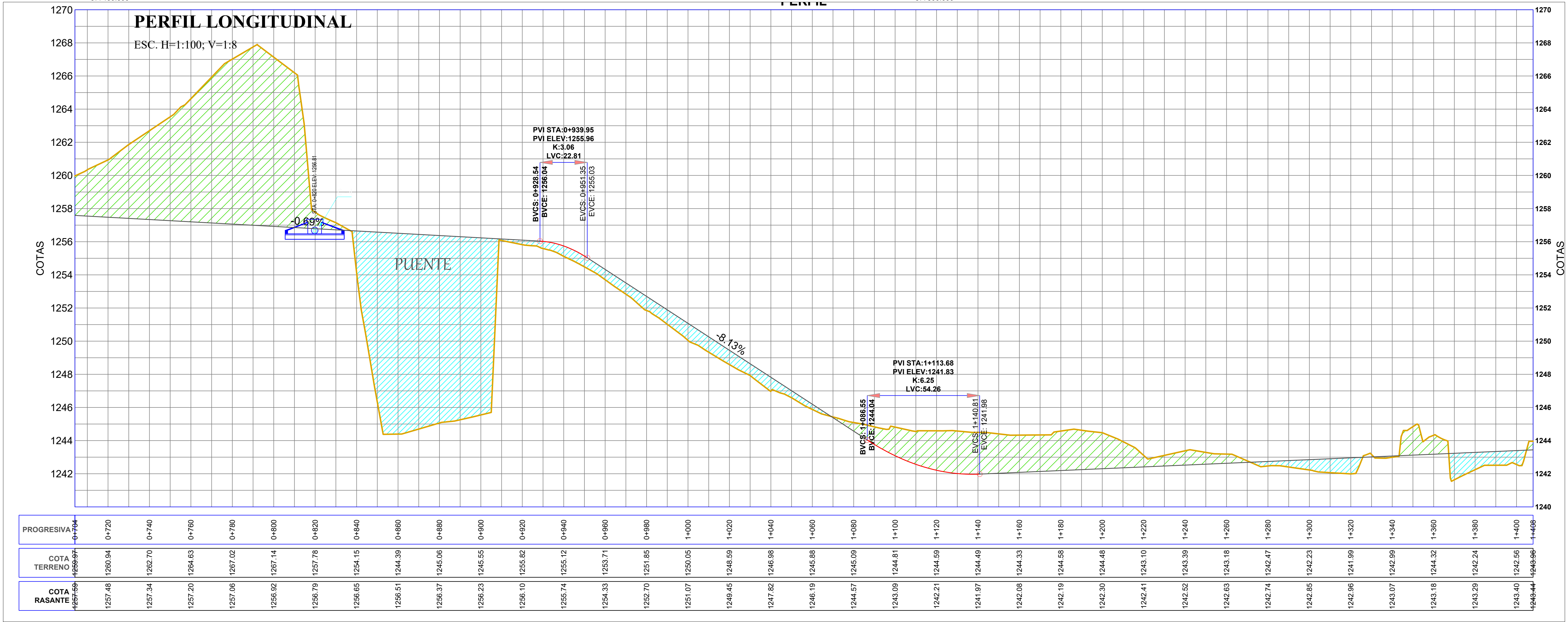
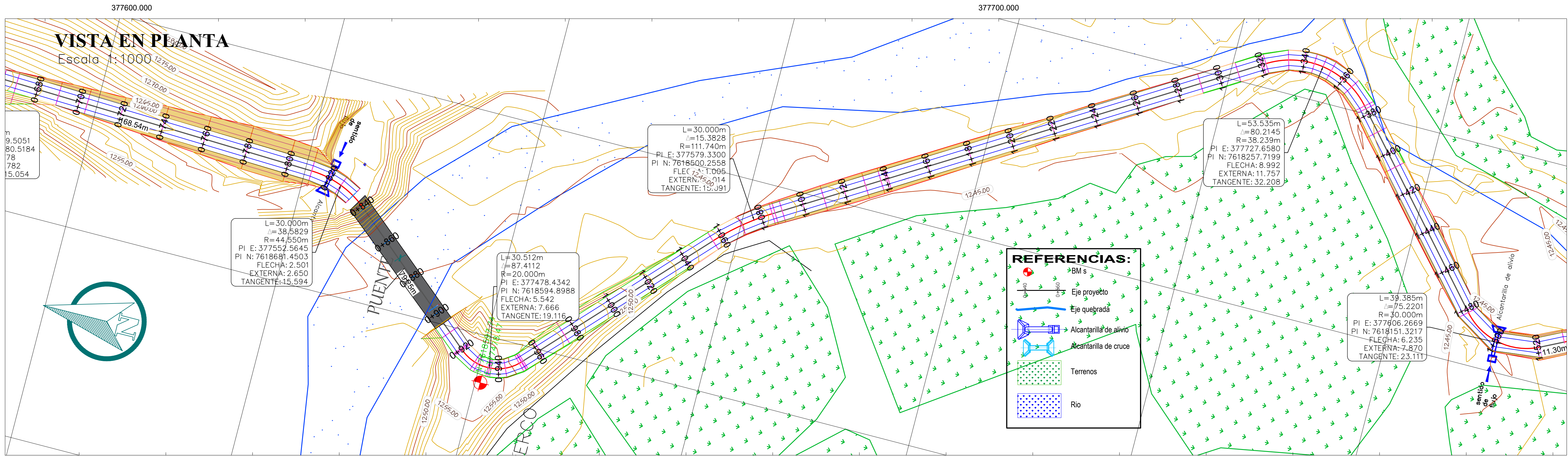
FECHA:

TJA./MARZO/2019

LAMINA N°:

1/10





UNIVERSIDAD:
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PROYECTO:
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FIRMA:

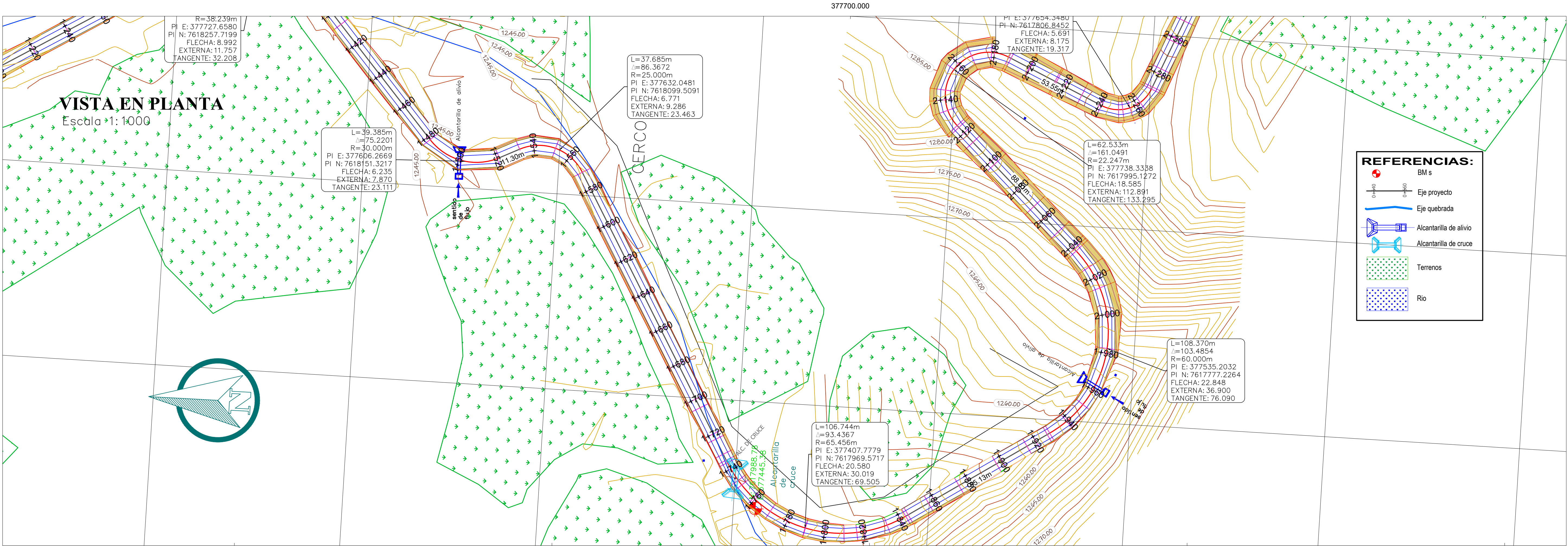
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A 1+408

ESCALA:
1 : 1000

FECHA:
TJA/MARZO/2019

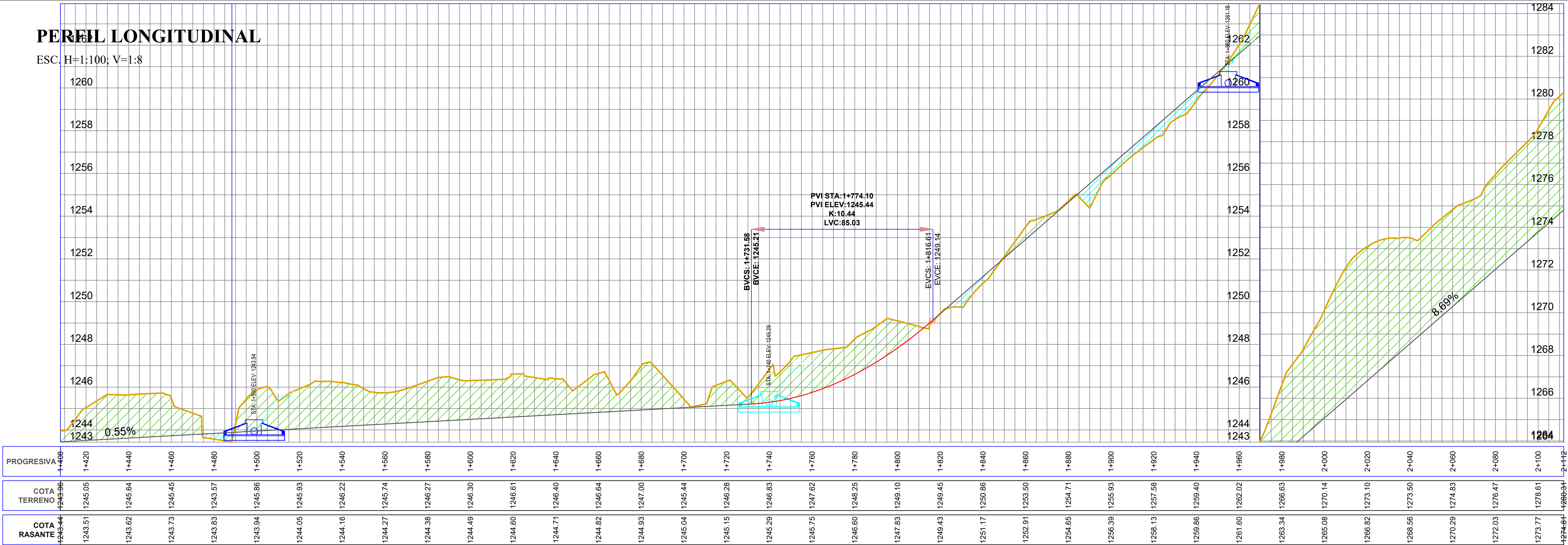
LAMINA N°:
2/10

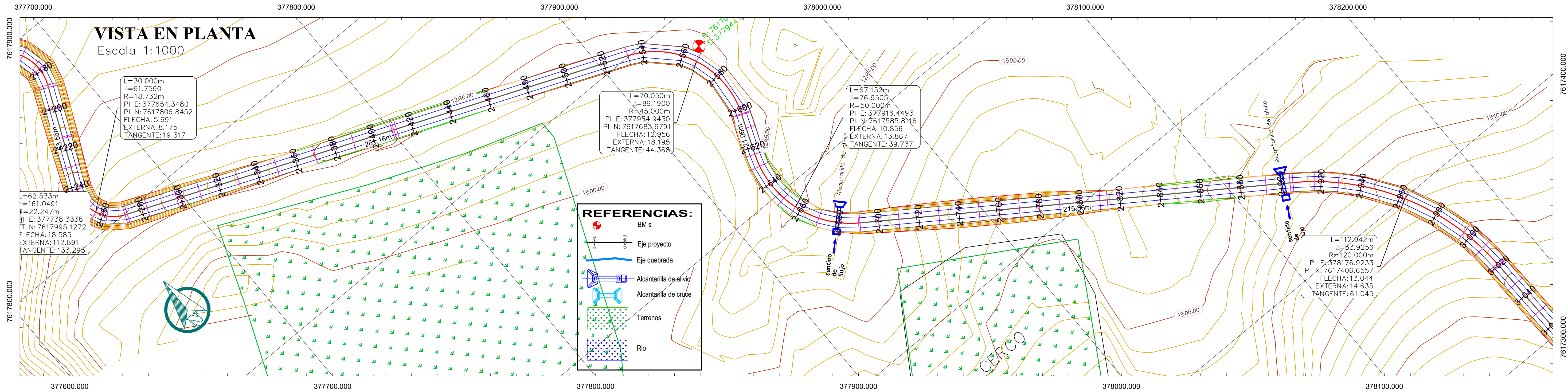




PERFIL LONGITUDINAL

ESC. H=1:100; V=1:8

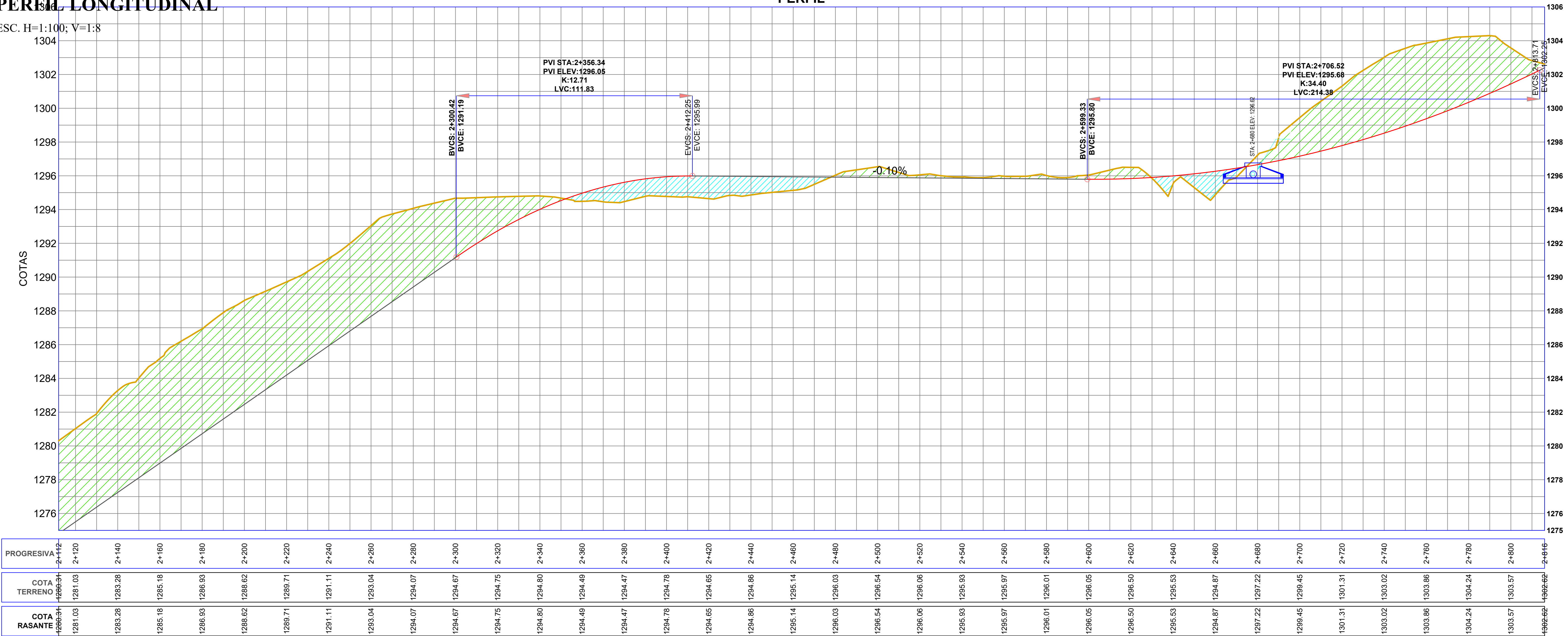


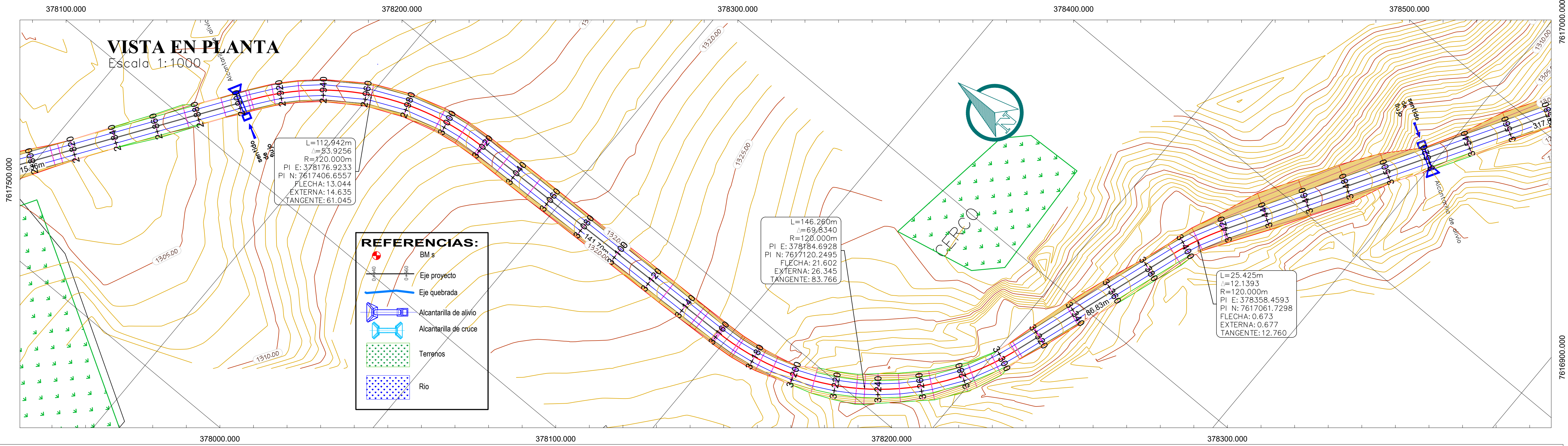


PERFIL LONGITUDINAL

ESC. H=1:100; V=1:8

PERFIL





PERFIL

