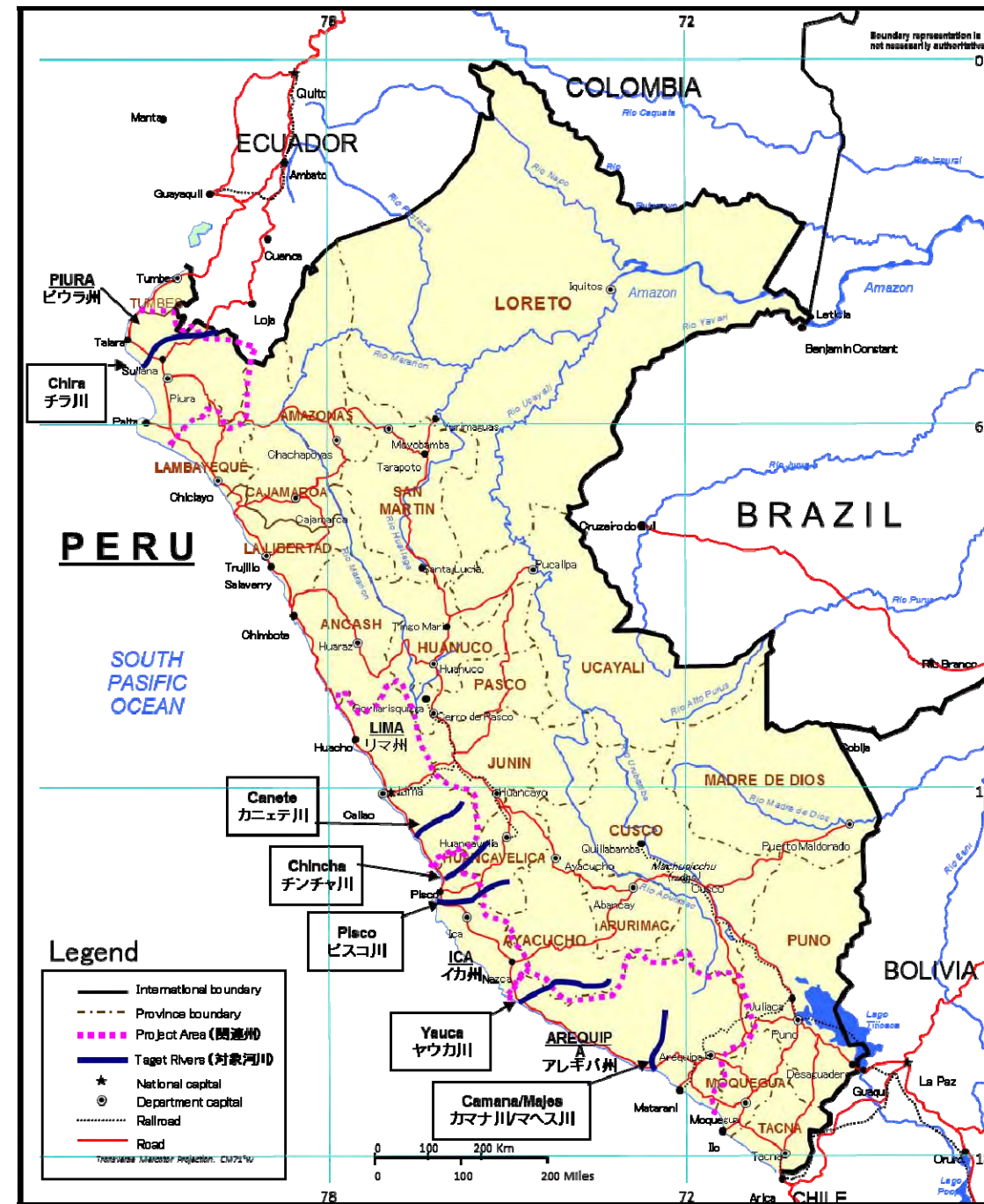


ペルー国
溪谷村落洪水対策事業準備調査

ファイナルレポート
I-6 サポートイングレポート
Annex-15 設計図集

平成 25 年 3 月
(2013 年 3 月)

独立行政法人 国際協力機構
八千代エンジニアリング株式会社
日本工営株式会社
中南米工営株式会社



付図 調査対象地域

I 採択流域

1. カニエテ川流域

図 面 目 録

河川名 : Rio Canete	
番号	図 面 名 称
1.	Rio Canete CA-1 平面図 Km. 4+200~Km. 5+200
2.	Rio Canete CA-2 平面図 Km. 6+700~Km. 8+300
3.	Rio Canete CA-3 平面図 Km. 10+200~Km. 11+200
4.	Rio Canete CA-4 平面図 Km. 24+500~Km. 25+000
5.	Rio Canete CA-5 平面図 Km. 25+000~Km. 26+800
6.	Rio Canete CA-1 縦断図 Km. 4+200~Km. 5+200
7.	Rio Canete CA-2 縦断図 Km. 6+300~Km. 7+200
8.	Rio Canete CA-2 縦断図 Km. 7+300~Km. 8+400
9.	Rio Canete CA-3 縦断図 Km. 10+200~Km. 11+200
10.	Rio Canete CA-4 縦断図 Km. 24+600~Km. 25+000
11.	Rio Canete CA-5 縦断図 Km. 25+100~Km. 26+000
12.	Rio Canete CA-5 縦断図 Km. 26+100~Km. 26+800
13.	Rio Canete 堤防・護岸 標準断面図
14.	Rio Canete CA-1 横断図 Km. 4+200~Km. 5+200
15.	Rio Canete CA-2 横断図 Km. 6+700~Km. 7+600
16.	Rio Canete CA-2 横断図 Km. 7+700~Km. 8+300
17.	Rio Canete CA-3 横断図 Km. 10+200~Km. 10+600
18.	Rio Canete CA-3 横断図 Km. 10+700~Km. 10+800
19.	Rio Canete CA-3 横断図 Km. 10+900~Km. 11+200
20.	Rio Canete CA-4 横断図 Km. 24+600~Km. 25+00
21.	Rio Canete CA-5 横断図 Km. 25+100~Km. 25+600
22.	Rio Canete CA-5 横断図 Km. 25+700~Km. 26+000
23.	Rio Canete CA-5 横断図 Km. 26+100~Km. 26+400
24.	Rio Canete CA-5 横断図 Km. 26+500~Km. 26+600

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

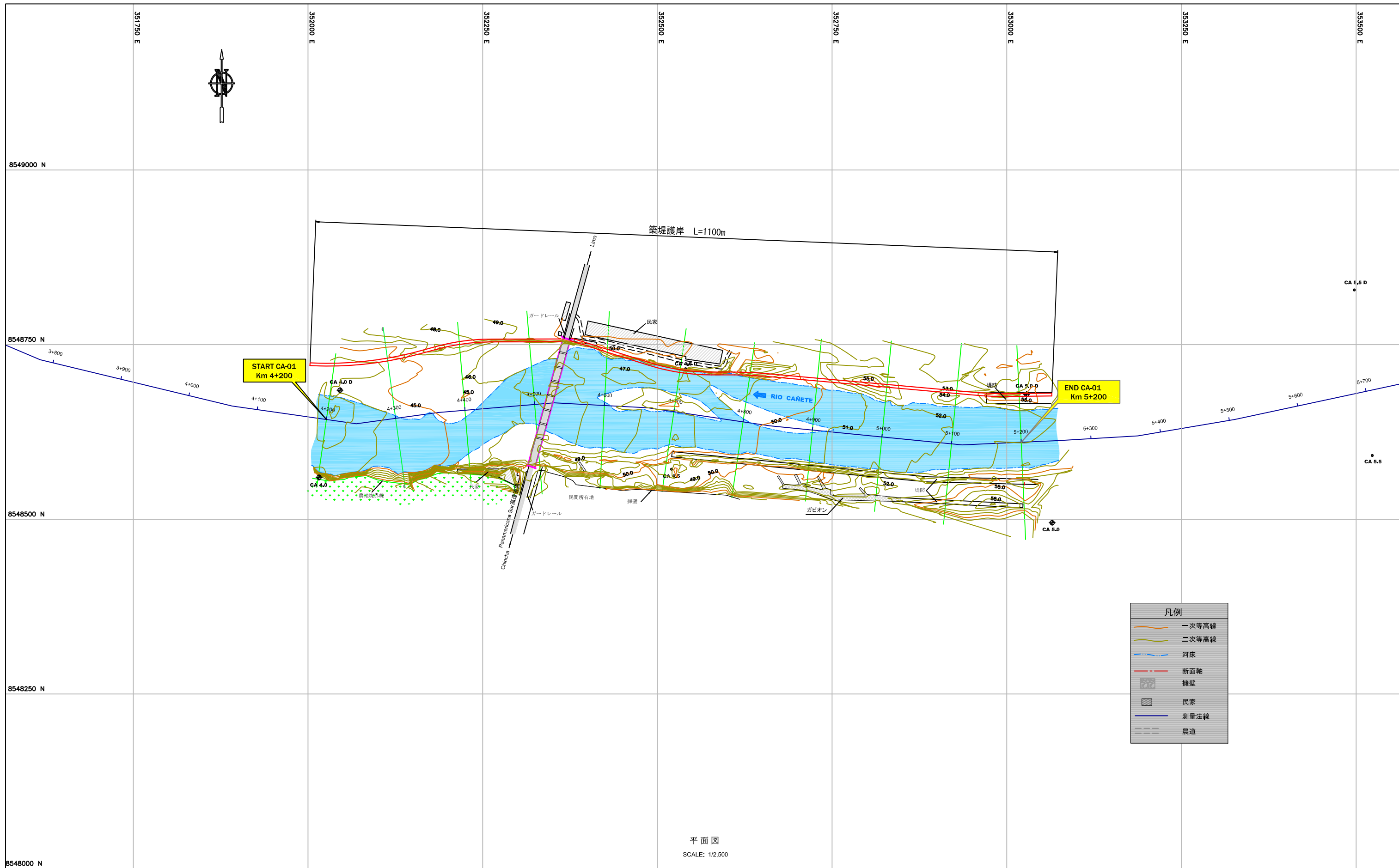
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

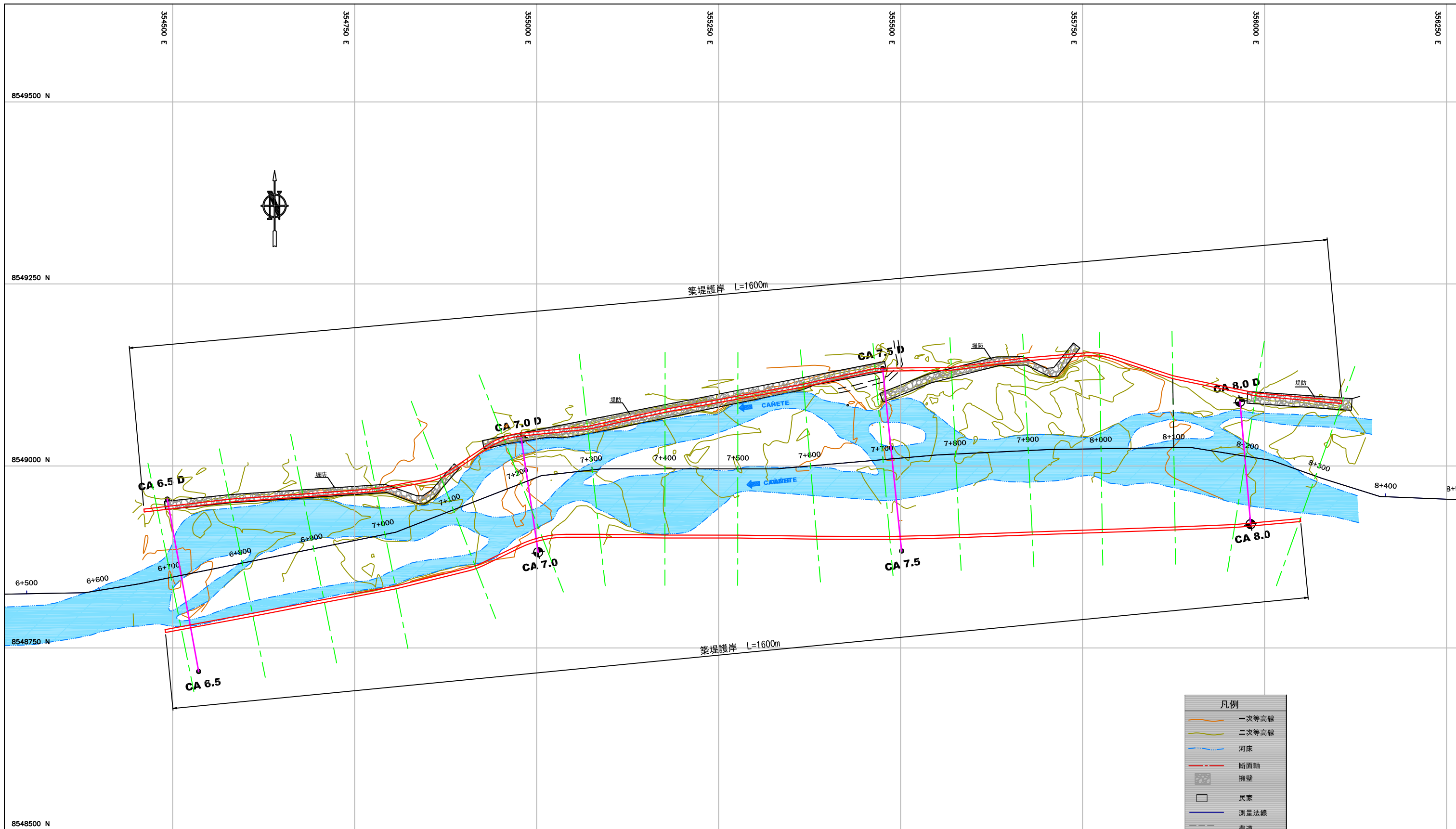
1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



凡例	
	一次等高線
	二次等高線
	河床
	断面軸
	堰壁
	民家
	測量法線
	農道

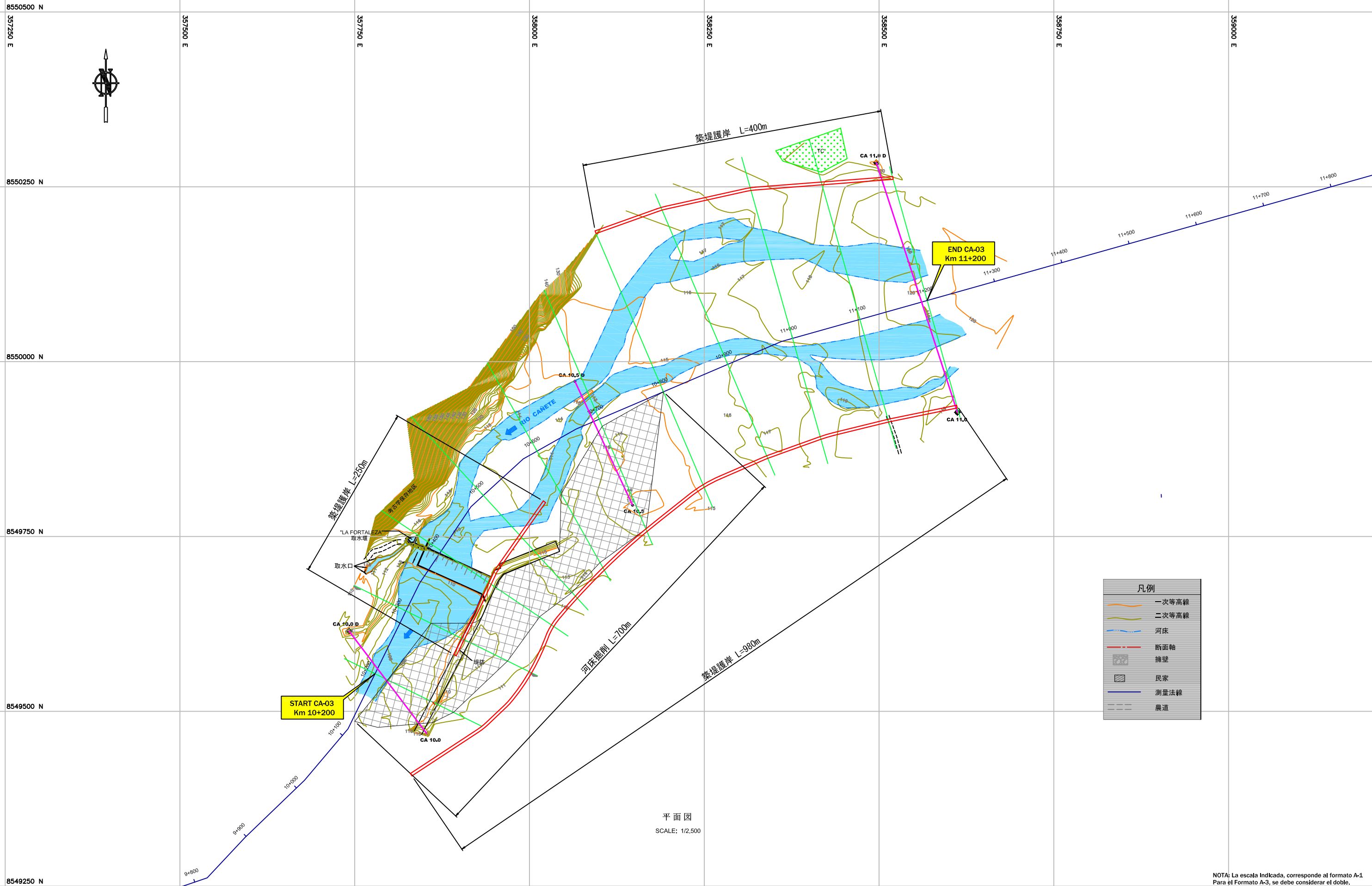
NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.



平面图
SCALE: 1/2,500

凡例	
	一次等高線
	二次等高線
	河床
	断面軸
	擁壁
	民家
	測量法線
	農道

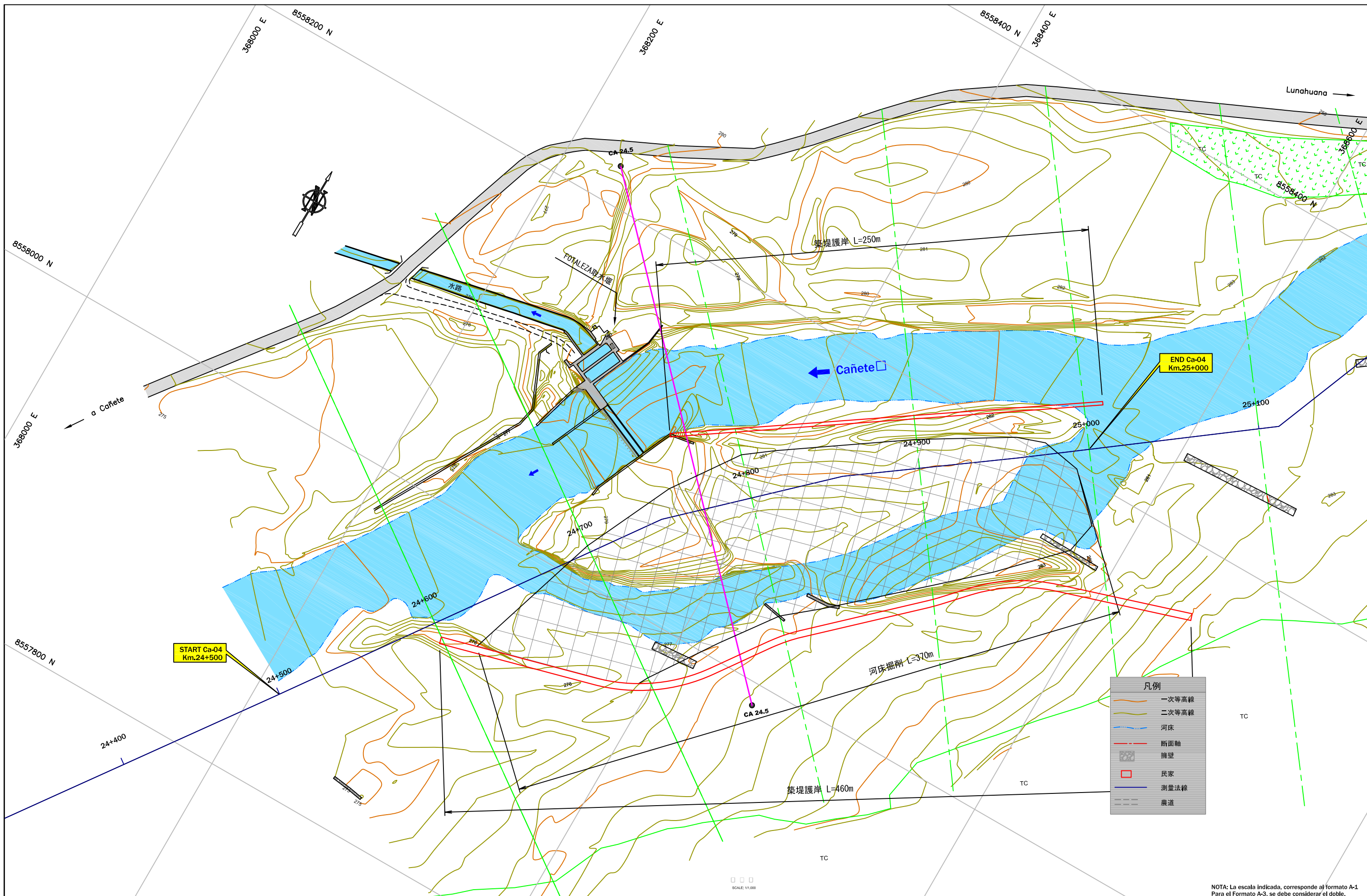
NOTA: La escala indicada, corresponde al formato A-1. Para el Formato A-3, se debe considerar el doble.



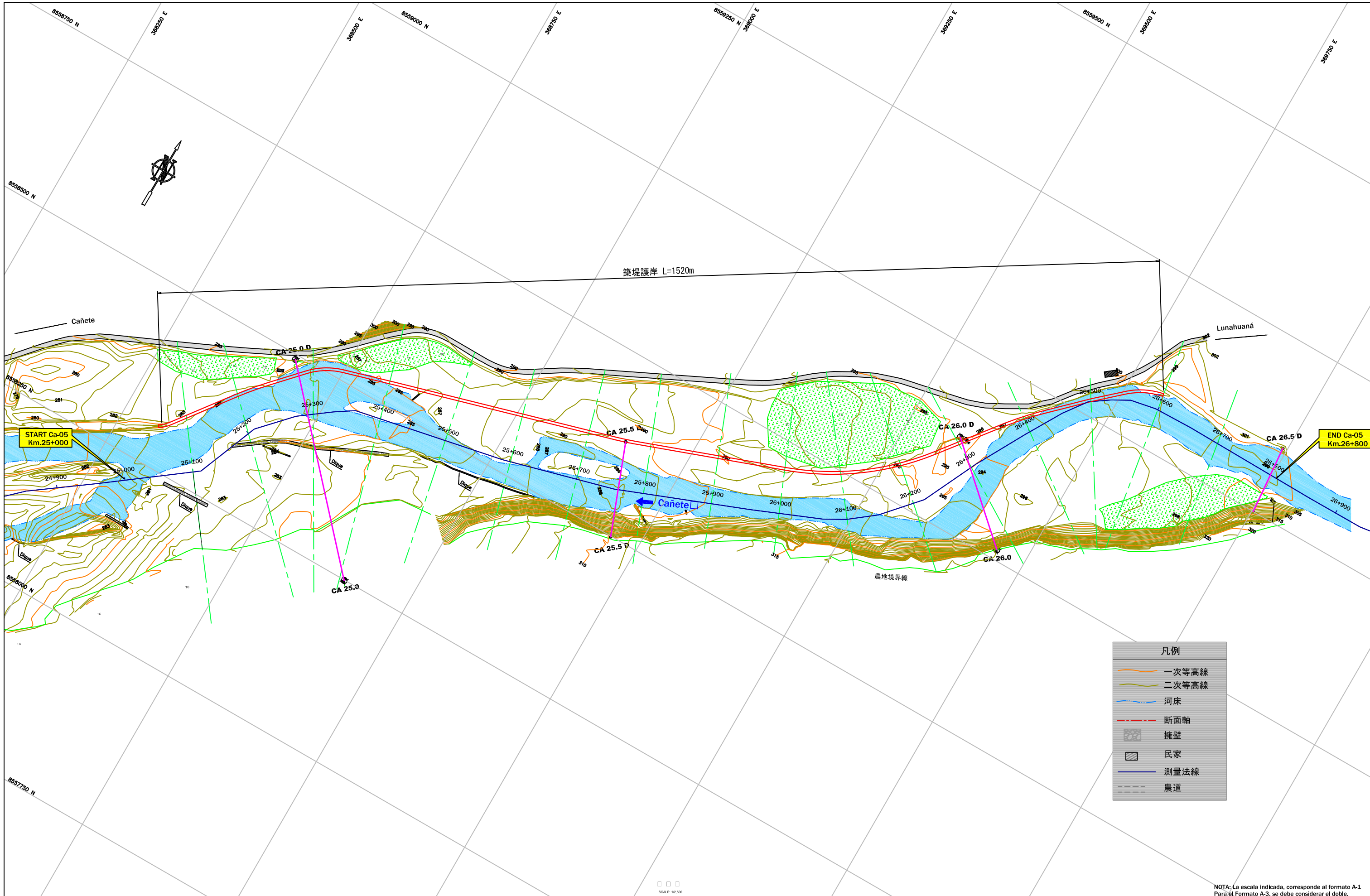
凡例	
	一次等高線
	二次等高線
	河床
	断面軸
	擁壁
	民家
	測量法線
	農道

平面图
SCALE: 1/2,500

NOTA: La escala indicada, corresponde al formato A-1. Para el Formato A-3, se debe considerar el doble.



NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.



凡例

	一次等高線
	二次等高線
	河床
	断面軸
	擁壁
	民家
	測量法線
	農道

NOTA: La escala indicada, corresponde al formato A-1 Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

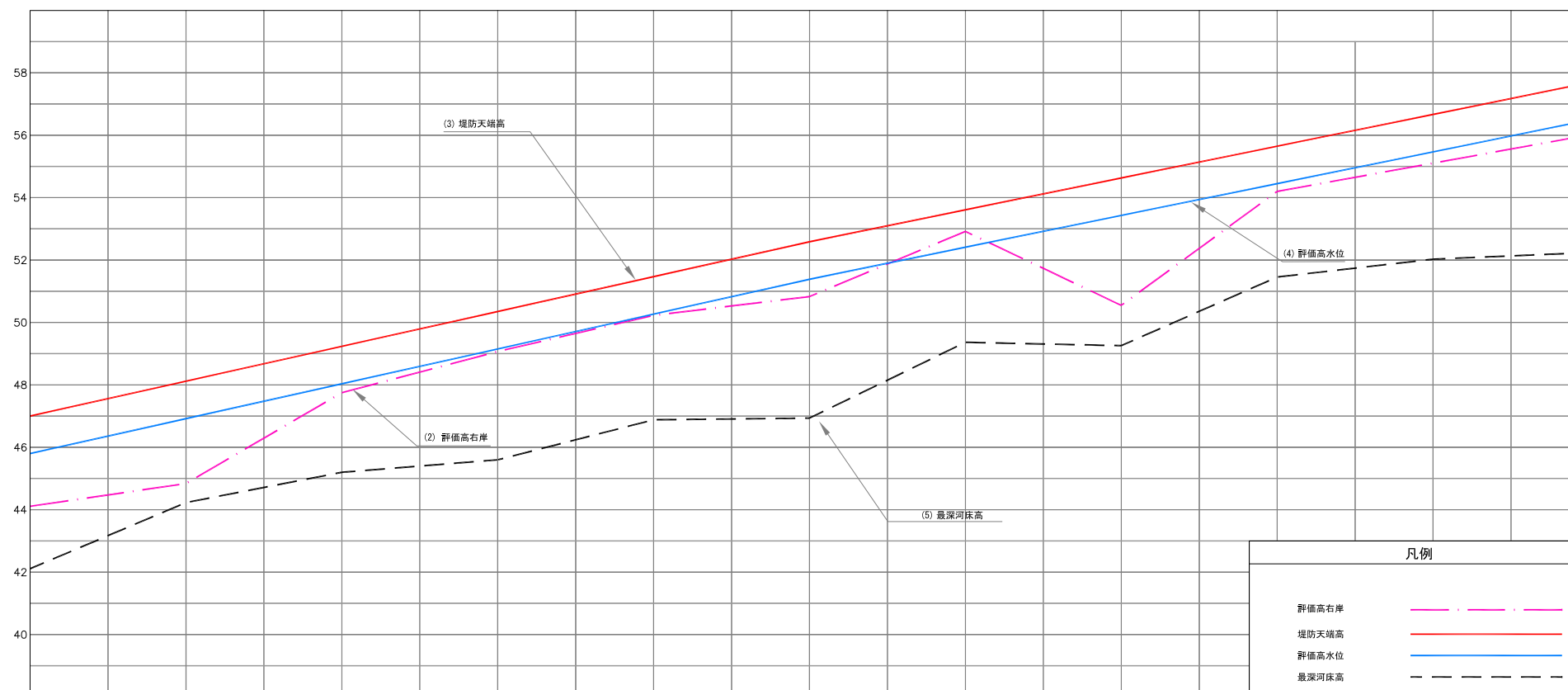
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



距離標 (m)	4+200	4+300	4+400	4+500	4+600	4+700	4+800	4+900	5+000	5+100
(2) 評値高右岸	44.11	44.84	47.75	49.07	50.23	50.83	52.92	50.55	54.20	55.11
(3) 堤防天端高	47.00	48.12	49.24	50.35	51.47	52.59	53.61	54.63	55.65	56.67
(4) 評値高水位	45.80	46.92	48.04	49.15	50.27	51.39	52.41	53.43	54.45	55.47
(5) 最深河床高	42.11	42.79	43.79	45.12	46.88	46.94	49.37	49.26	51.46	52.10

CANETE川
クリティカルポイント N° 1
縦断面図

NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

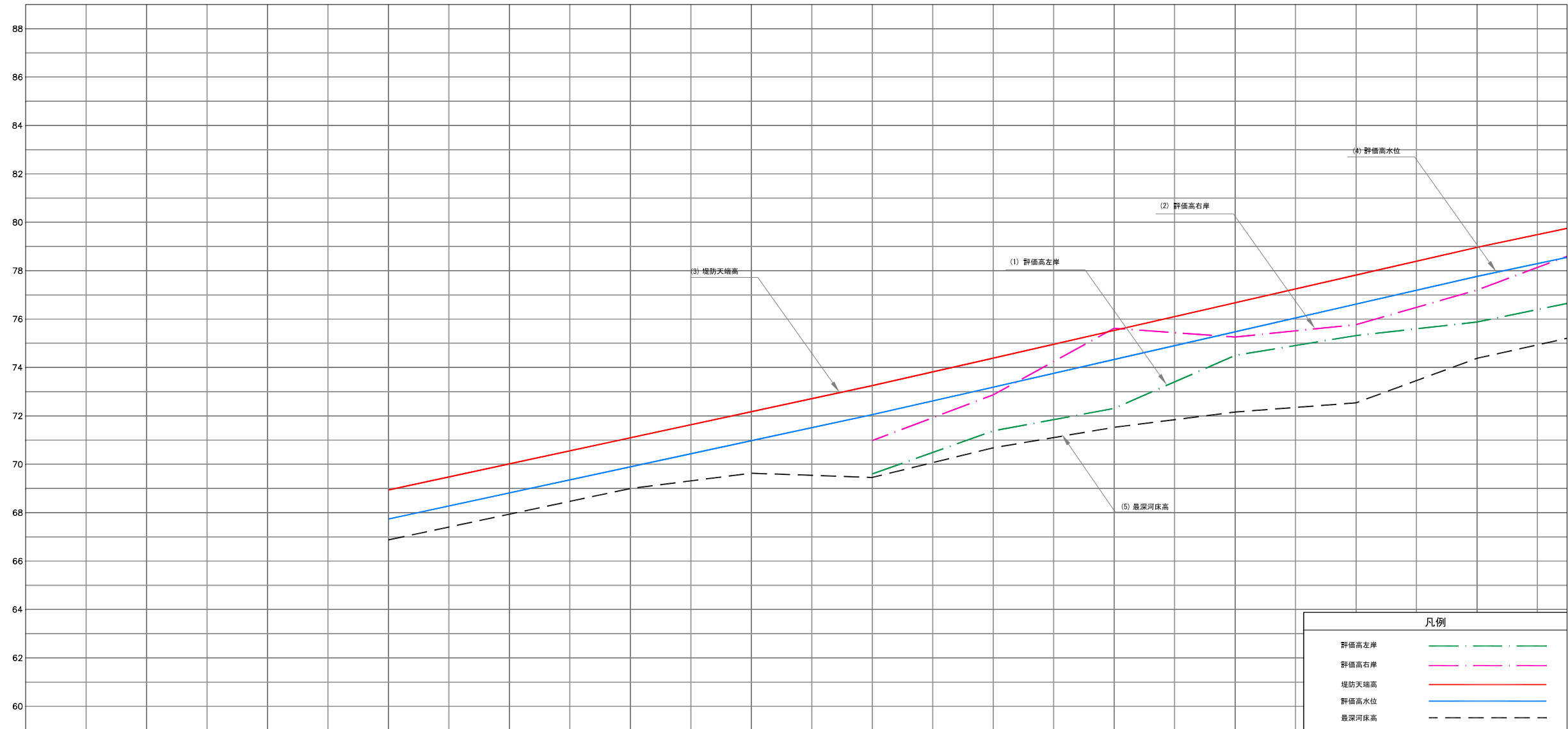
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



距離標 (m)	6+300	6+400	6+500	6+600	6+700	6+800	6+900	7+000	7+100	7+200
(1) 評価高左岸					69.60	71.38	72.31	74.50	75.32	75.88
(2) 評価高右岸					70.98	72.87	75.62	75.26	75.77	77.20
(3) 堤防天端高		70.02	71.10	72.17	73.25	74.39	75.53	76.68	77.82	78.96
(4) 評価高水位		68.82	69.90	70.97	72.05	73.19	74.33	75.48	76.62	77.76
(5) 最深河床高		67.94	69.00	69.63	70.46	70.69	71.53	72.16	72.54	74.38

CANETE川
クリティカルポイントN°2 (1/2)
縦断面図

NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

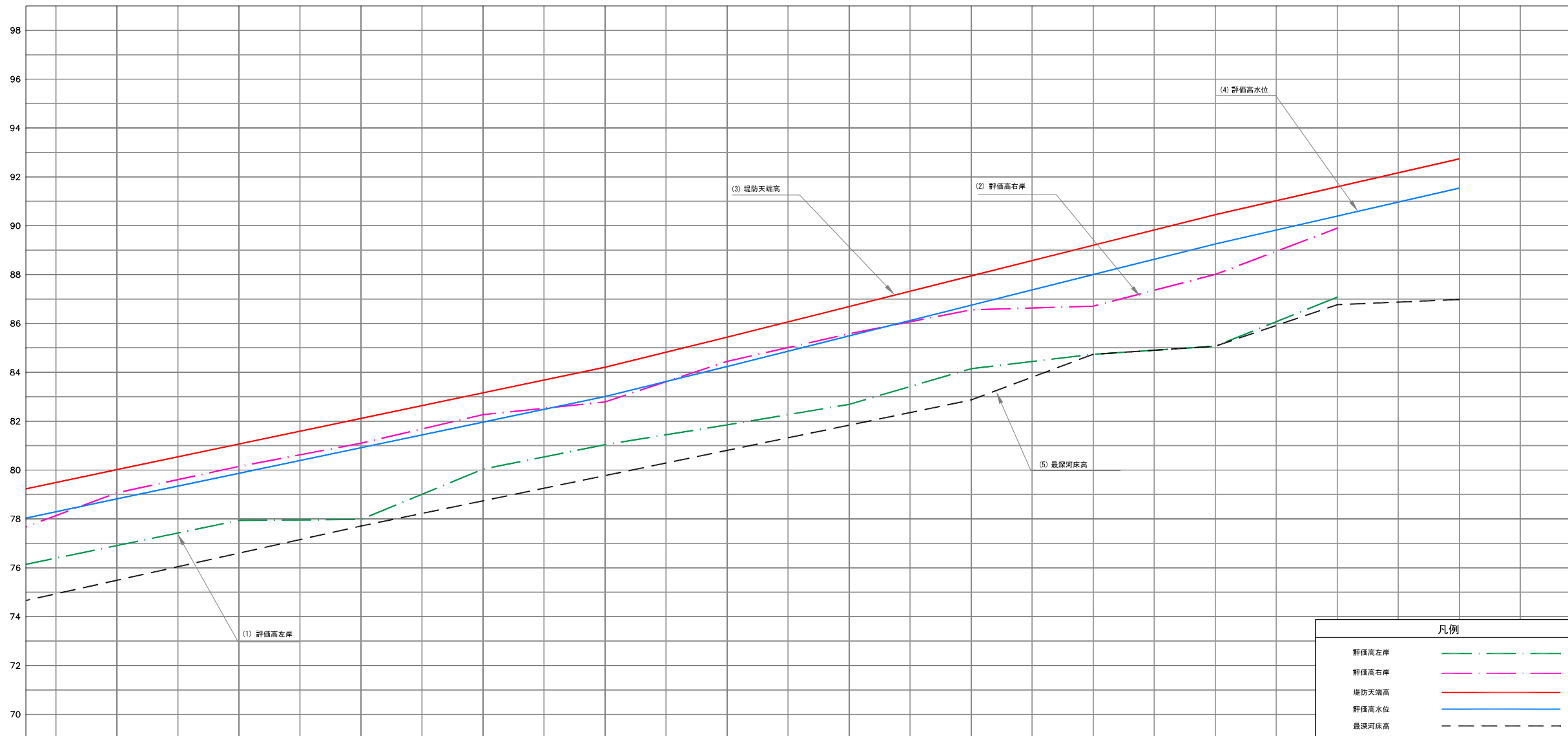
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



凡例	
評価高左岸	— · — · —
評価高右岸	— · — · —
堤防天端高	—————
評価高水位	—————
最深河床高	—————

距離標 (m)	7+300	7+400	7+500	7+600	7+700	7+800	7+900	8+000	8+100	8+200	8+300	8+400	8+500
(1) 評価高左岸	76.91	77.94	77.98	80.04	81.04	81.85	82.69	84.15	84.74	85.07	87.08	0.00	
(2) 評価高右岸	79.07	80.15	81.10	82.27	82.79	84.45	85.58	86.56	86.71	88.01	89.90	0.00	
(3) 堤防天端高	80.02	81.07	82.12	83.16	84.21	85.44	86.69	87.95	89.20	90.45	91.60	92.74	
(4) 評価高水位	78.82	79.87	80.92	81.96	83.01	84.24	85.49	86.75	88.00	89.25	90.40	91.54	
(5) 最深河床高	75.49	76.60	77.71	78.74	79.77	80.81	81.84	82.87	84.74	85.74	86.77	86.98	

CANETE川
クリティカルポイントN°2 (2/2)
縦断面

NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

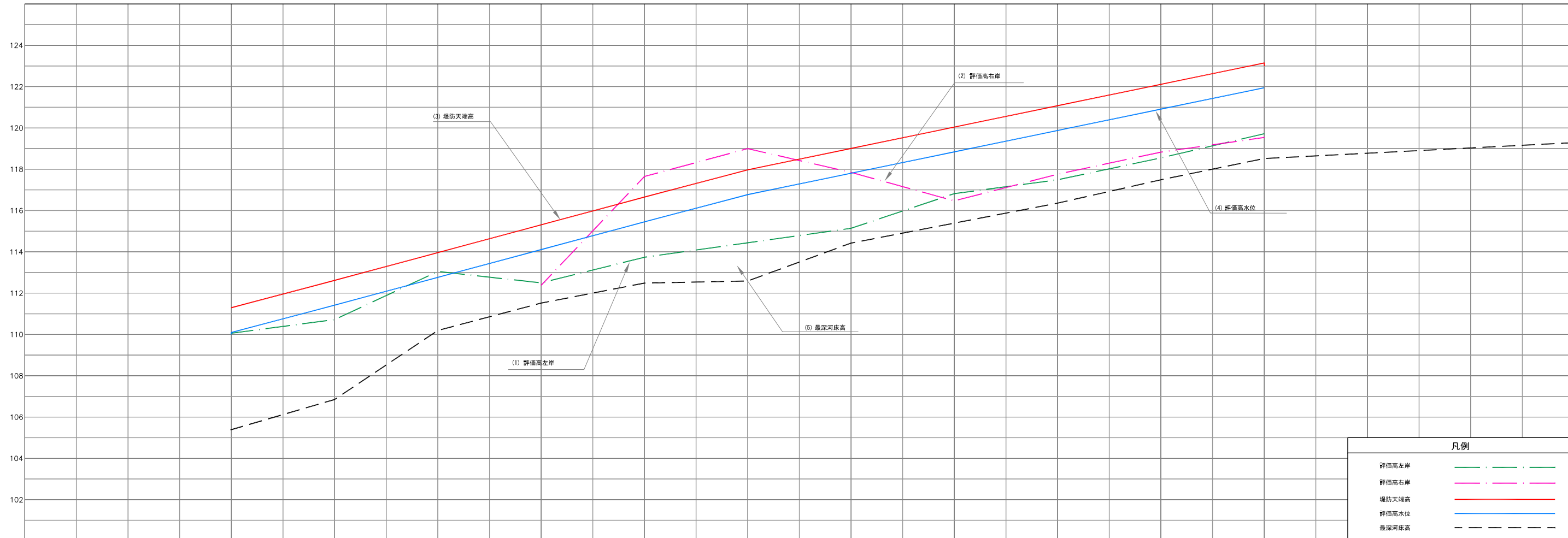
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



距離標 (m)	10+000	10+100	10+200	10+300	10+400	10+500	10+600	10+700	10+800	10+900	11+000	11+100	11+200	11+300	11+400
(1) 評価高左岸			110.06	110.72	113.05	112.50	113.74	114.44	115.14	116.82	117.49	118.55	119.72	79.81	39.91
(2) 評価高右岸			0.00	0.00	0.00	112.38	113.74	114.44	115.14	116.47	117.76	118.83	119.54	79.69	39.85
(3) 堤防天端高			111.29	112.62	113.96	115.31	116.65	117.97	119.01	120.04	121.08	122.11	123.15	82.10	41.05
(4) 評価高水位			110.09	111.42	112.76	114.11	115.45	116.77	117.81	118.84	119.88	120.91	121.95	81.30	40.65

CAÑETE川
クリティカルポイントN°3
縦断面図

NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

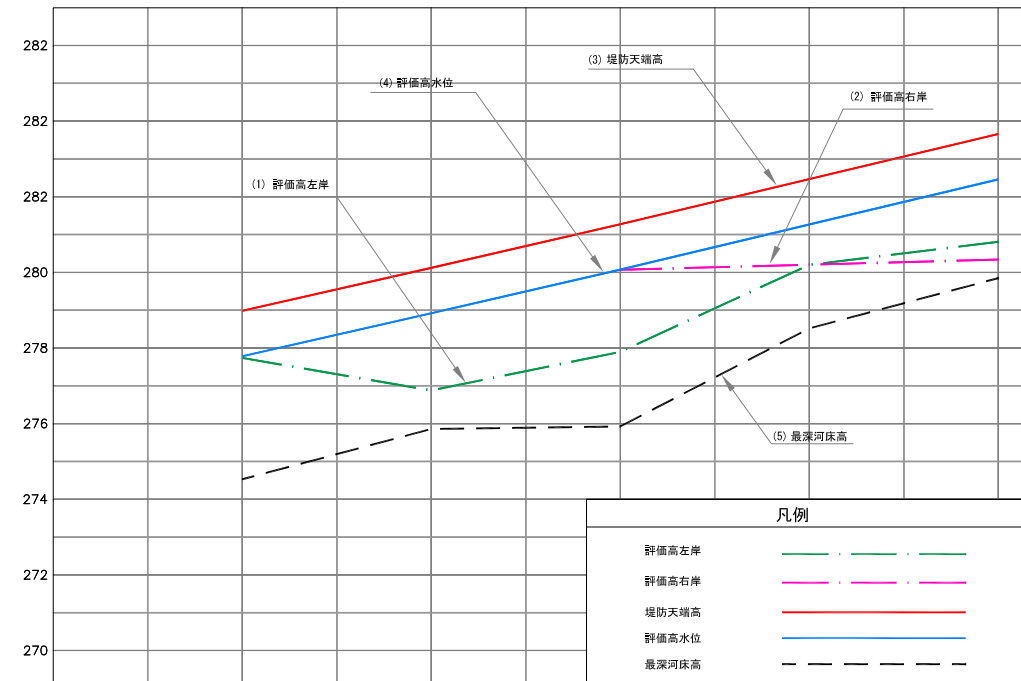
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



距離標 (m)	24+500	24+600	24+700	24+800	24+900	25+000
(1) 評価高左岸		274.53	276.88	277.90	280.20	280.89
(2) 評価高右岸		0.00	0.00	280.07	280.21	280.34
(3) 堤防天端高		278.98	280.12	281.27	282.47	283.66
(4) 評価高水位		277.78	278.92	280.07	281.27	282.46
(5) 最深河床高		274.53	275.86	275.92	278.52	280.01

CANETE川
クリティカルポイントN°4
縦断面図

NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

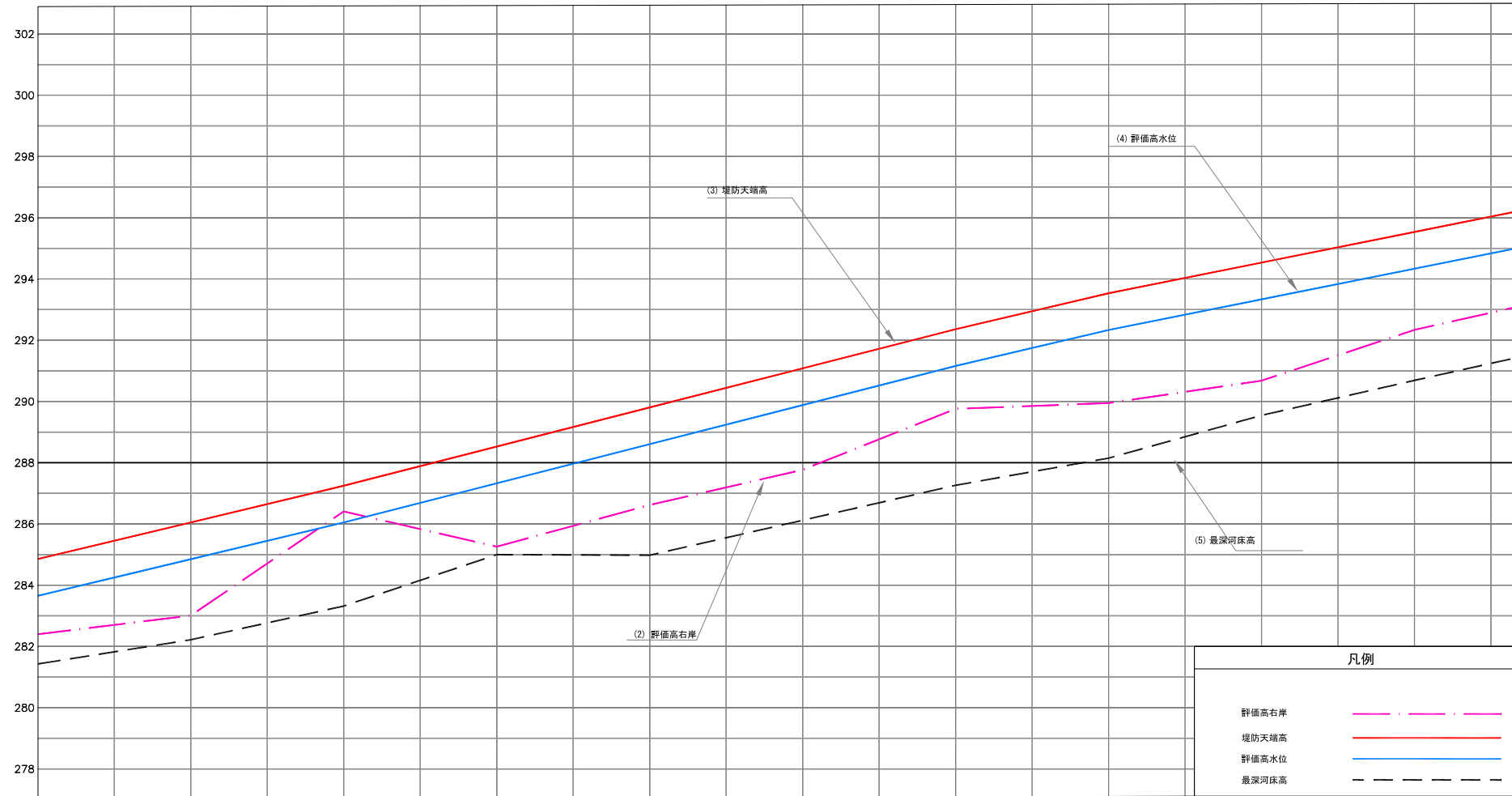
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



距離標 (m)	25+100	25+200	25+300	25+400	25+500	25+600	25+700	25+800	25+900	26+000
(2) 評値高右岸	281.43/283.66/284.86/282.40	282.44/284.85/286.05/283.01	283.32/286.05/287.25/286.41	284.89/287.33/288.53/285.26	284.98/288.61/289.81/286.62	286.12/289.88/291.08/287.77	287.26/291.16/292.36/289.76	288.15/292.33/293.53/289.95	289.55/293.34/294.54/290.68	290.69/294.34/295.54/292.34
(3) 堤防天端高										
(4) 評値高水位										
(5) 最深河床高										

CAÑETE川
クリティカルポイントN°5 (1/2)
縦断面図

NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

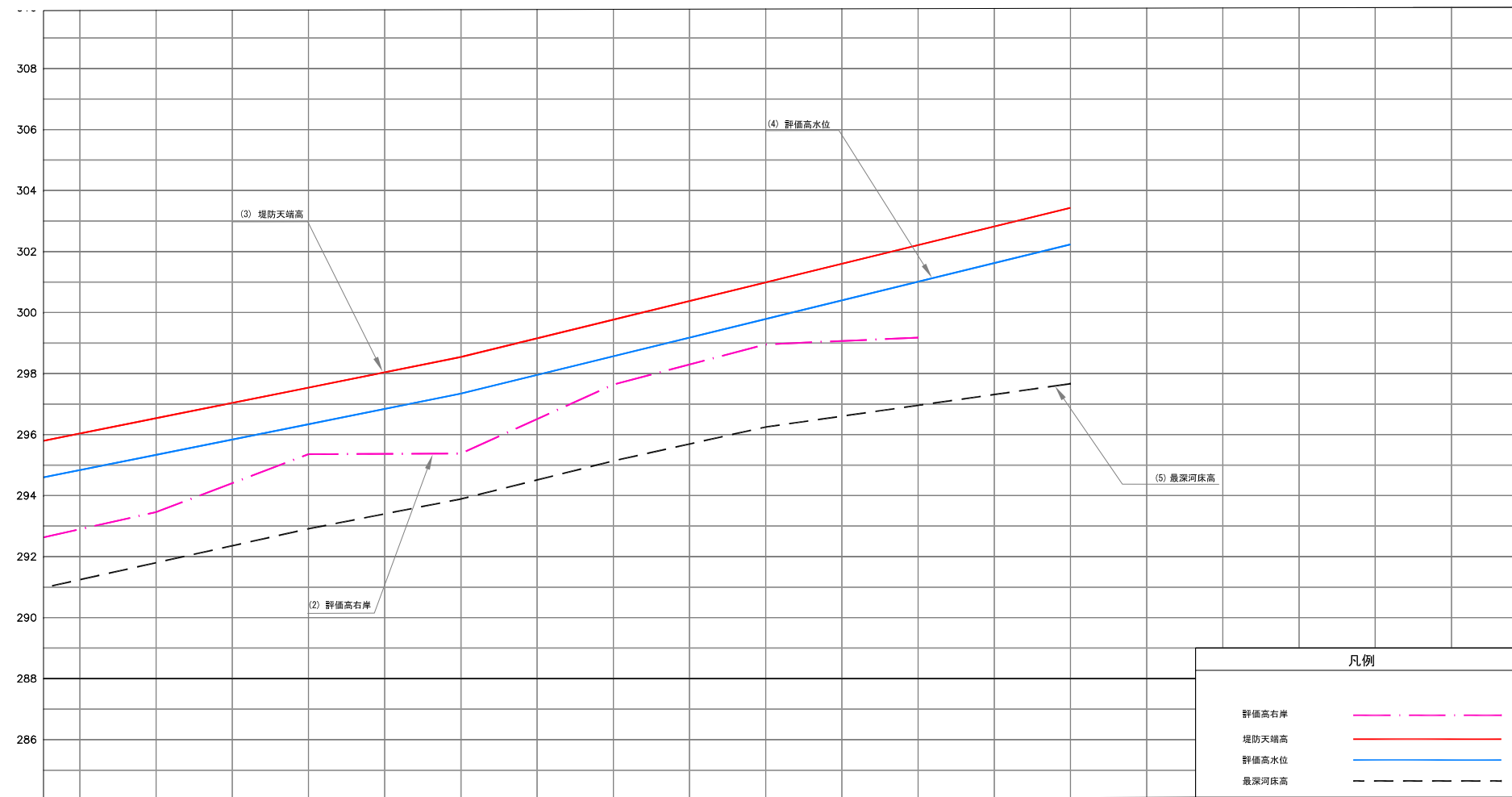
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

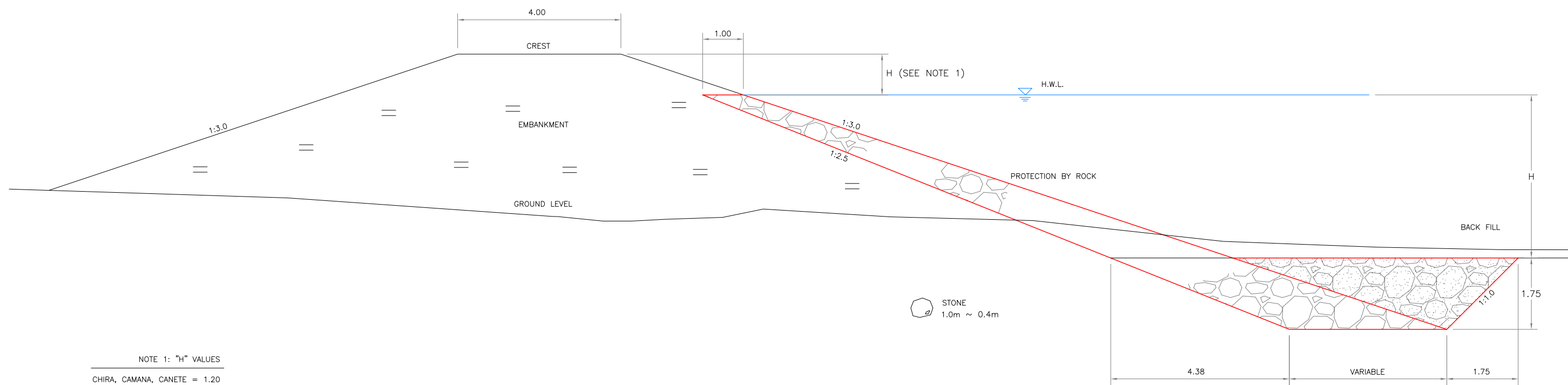
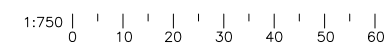
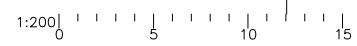
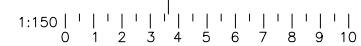
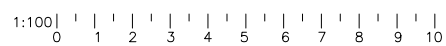
1:750 0 10 20 30 40 50 60



距離標 (m)	26+100	26+200	26+300	26+400	26+500	26+600	26+700	26+800	26+900	27+000
(2) 評価高右岸	291.80	292.91	293.89	295.14	296.25	296.96	297.67			
(3) 堤防天端高	296.54	297.54	298.55	299.77	300.99	302.21	303.44			
(4) 評価高水位	295.34	296.34	297.35	298.57	299.79	301.01	302.24			
(5) 最深河床高	293.46	295.36	296.38	297.64	298.96	300.18	301.44			

CAÑETE川
クリティカルポイント N°5 (2/2)
縦断面図

NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.



NOTE 1: "H" VALUES
 CHIRA, CAMANA, CANETE = 1.20
 PISCO = 1.00
 CHINCHA, YAUCA = 0.80

堤防標準断面図

NOTA: La escala indicada, corresponde al formato A-1
 Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

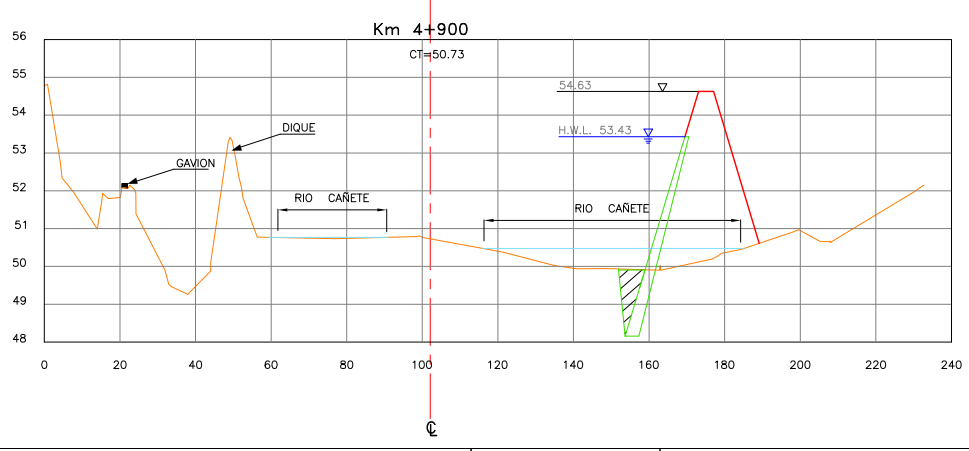
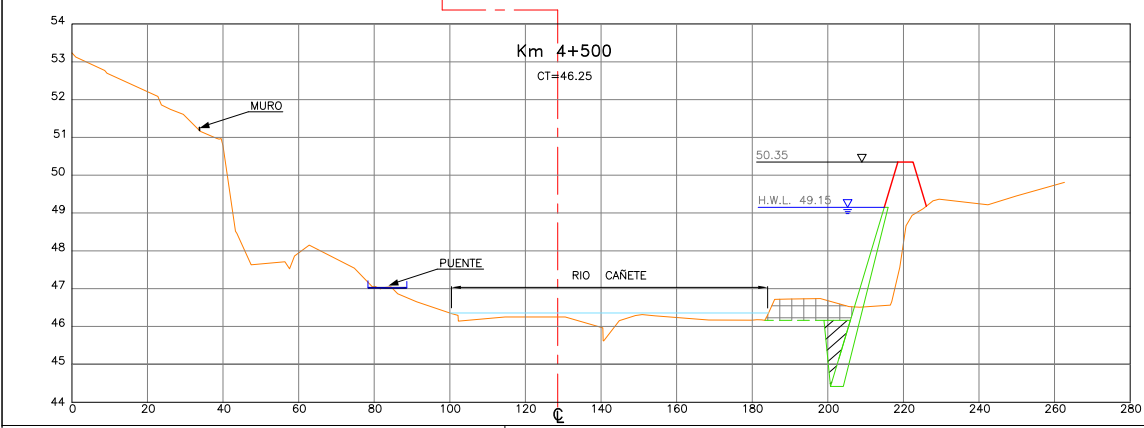
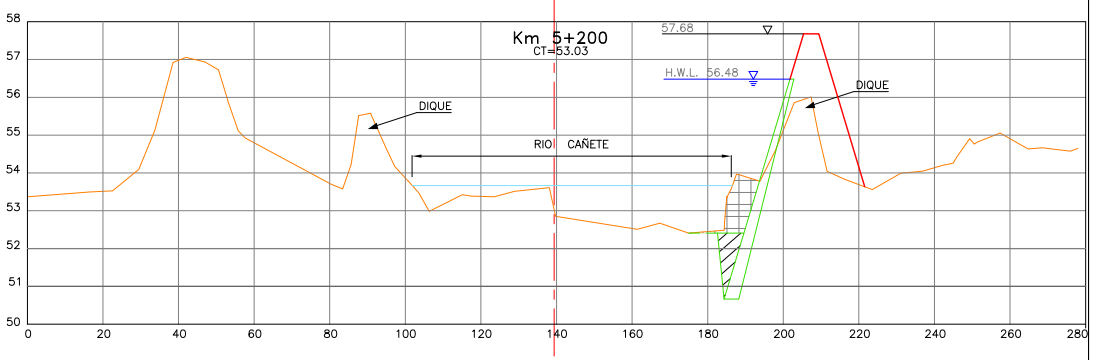
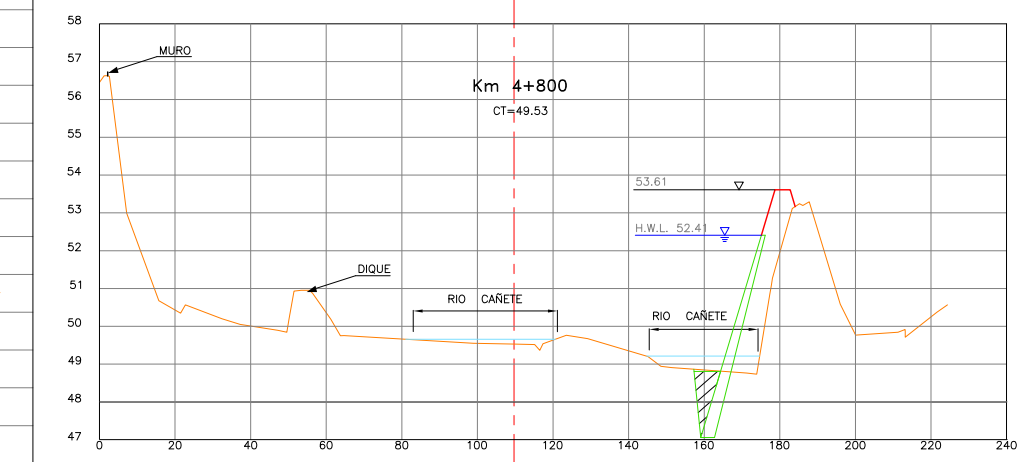
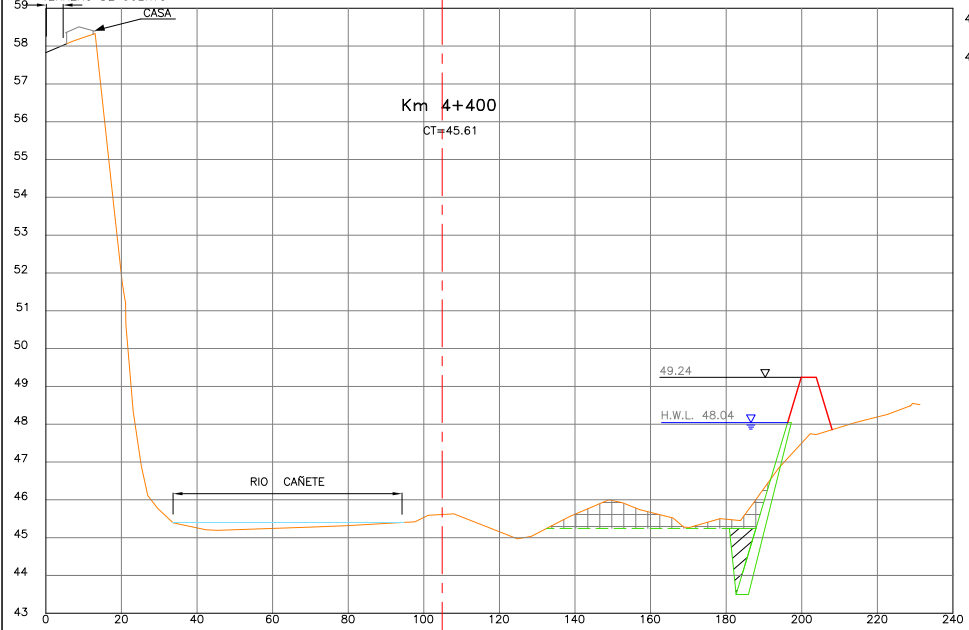
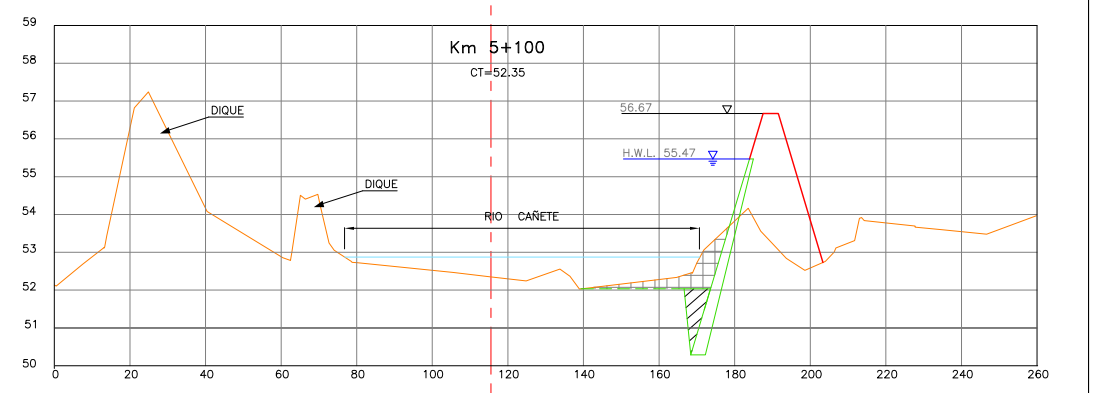
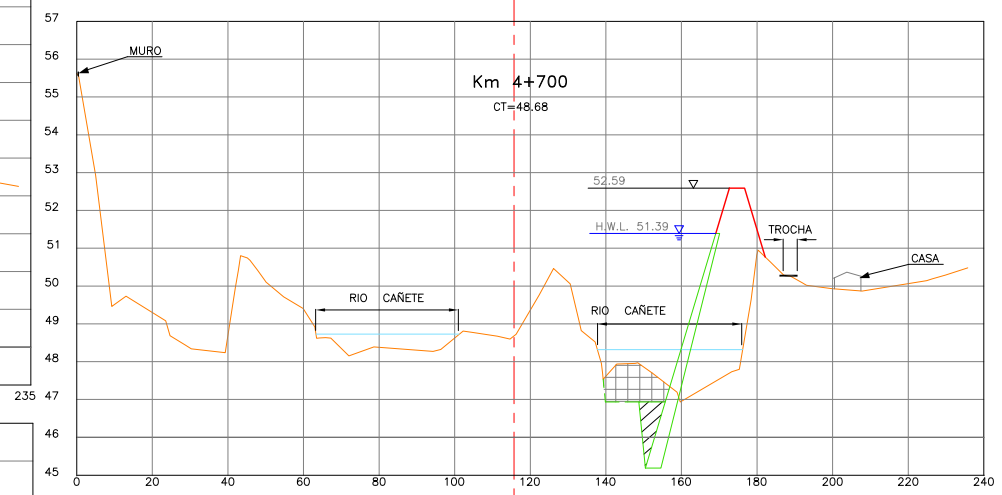
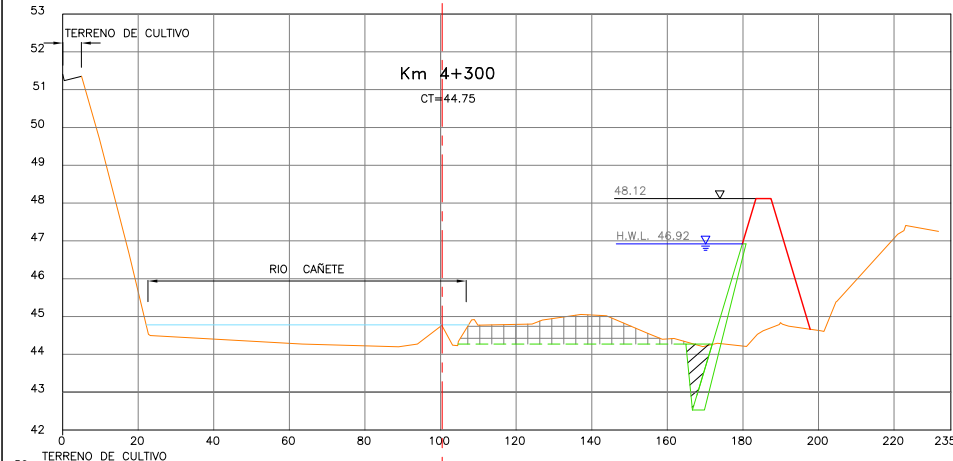
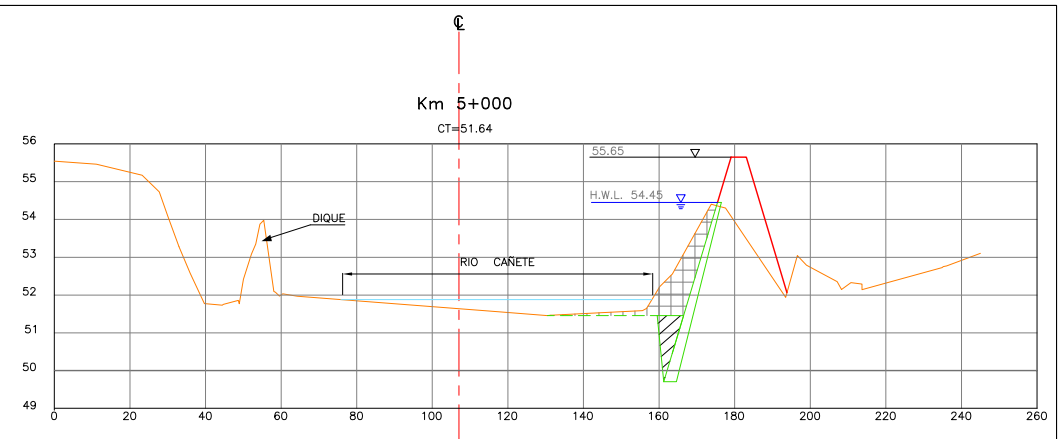
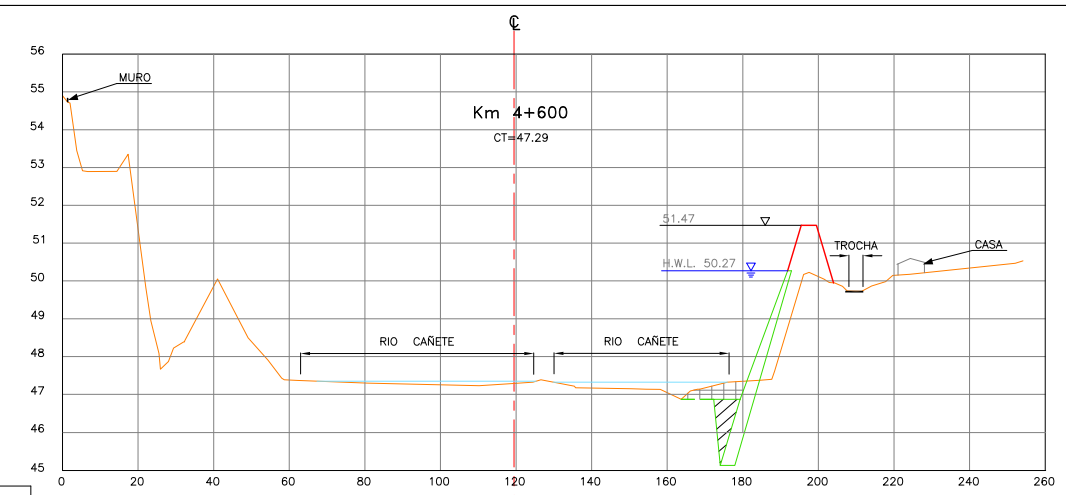
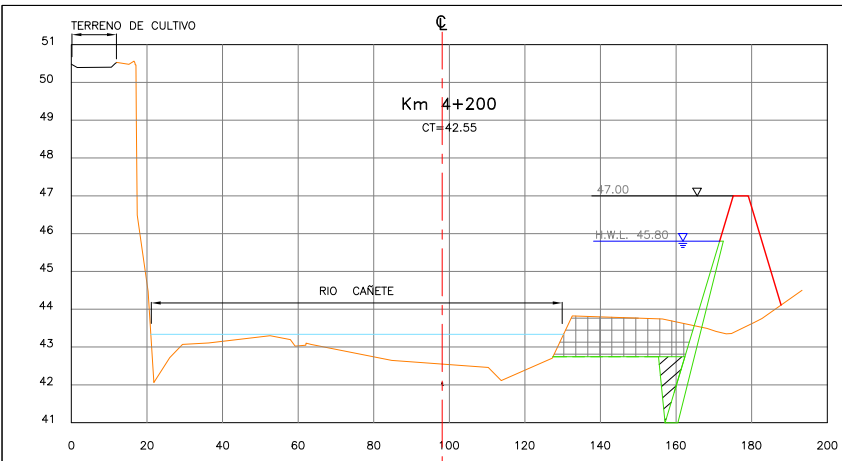
1:200 0 5 10 15 20

1:250 0 5 10 15 20

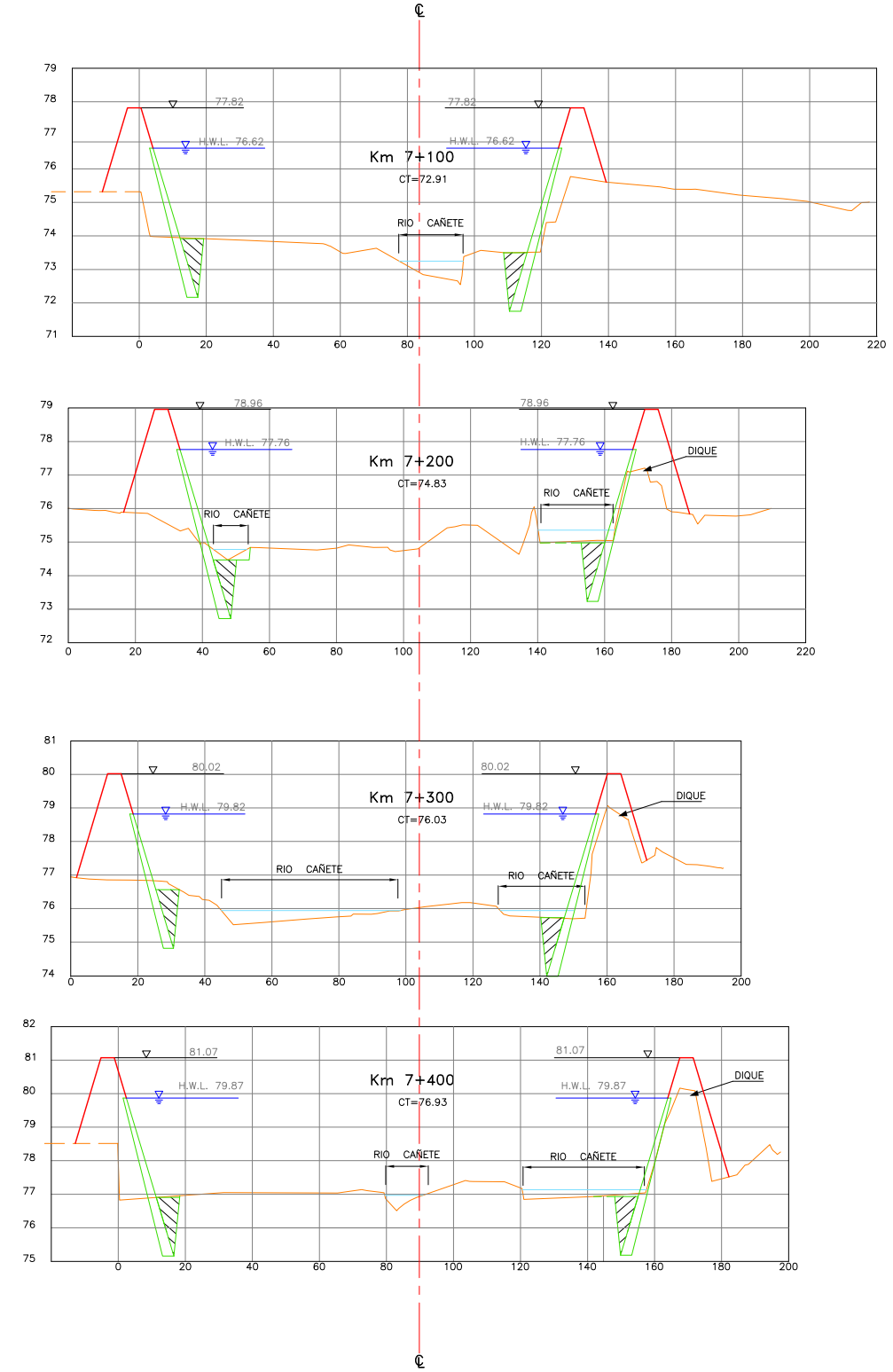
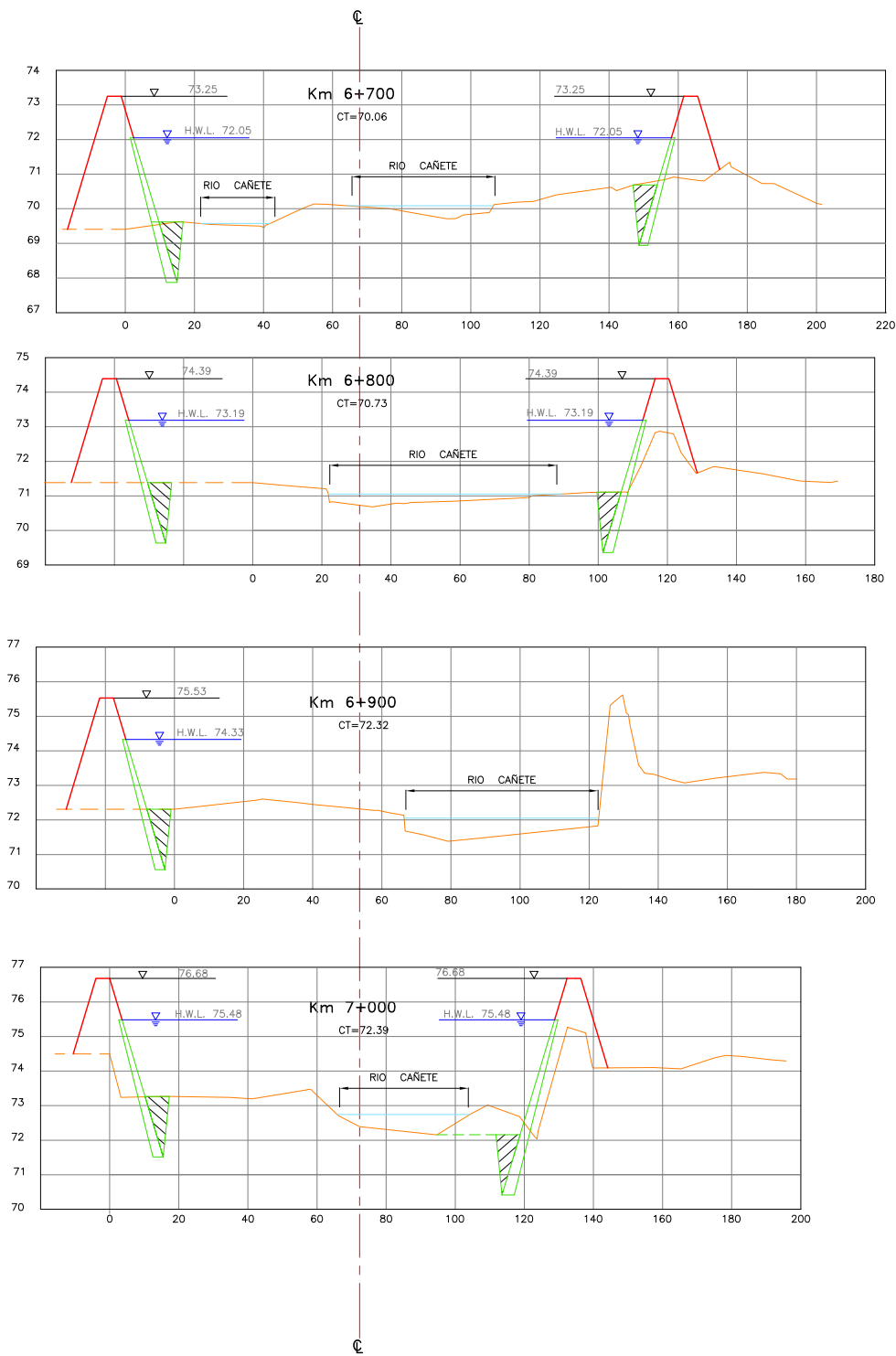
1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

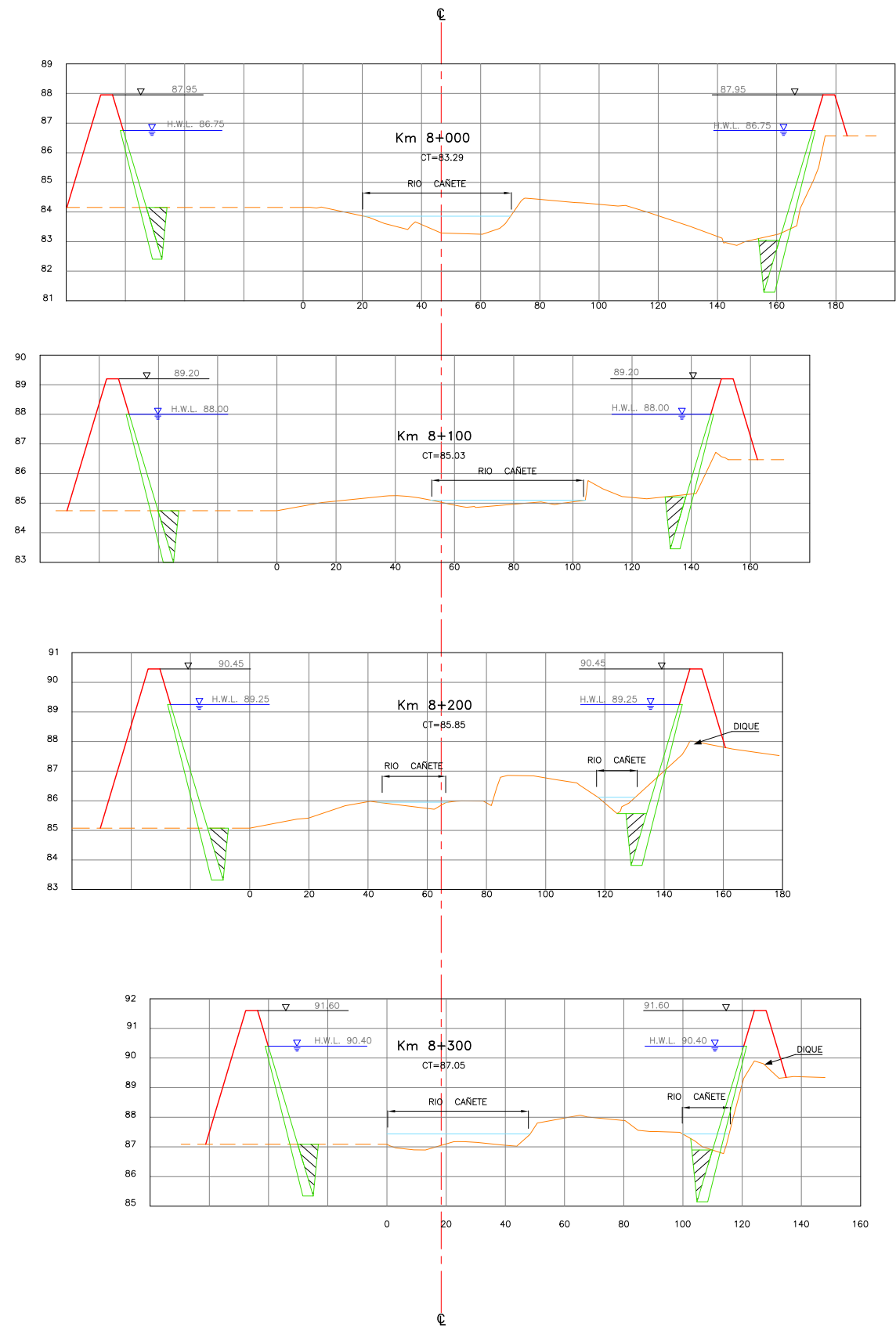
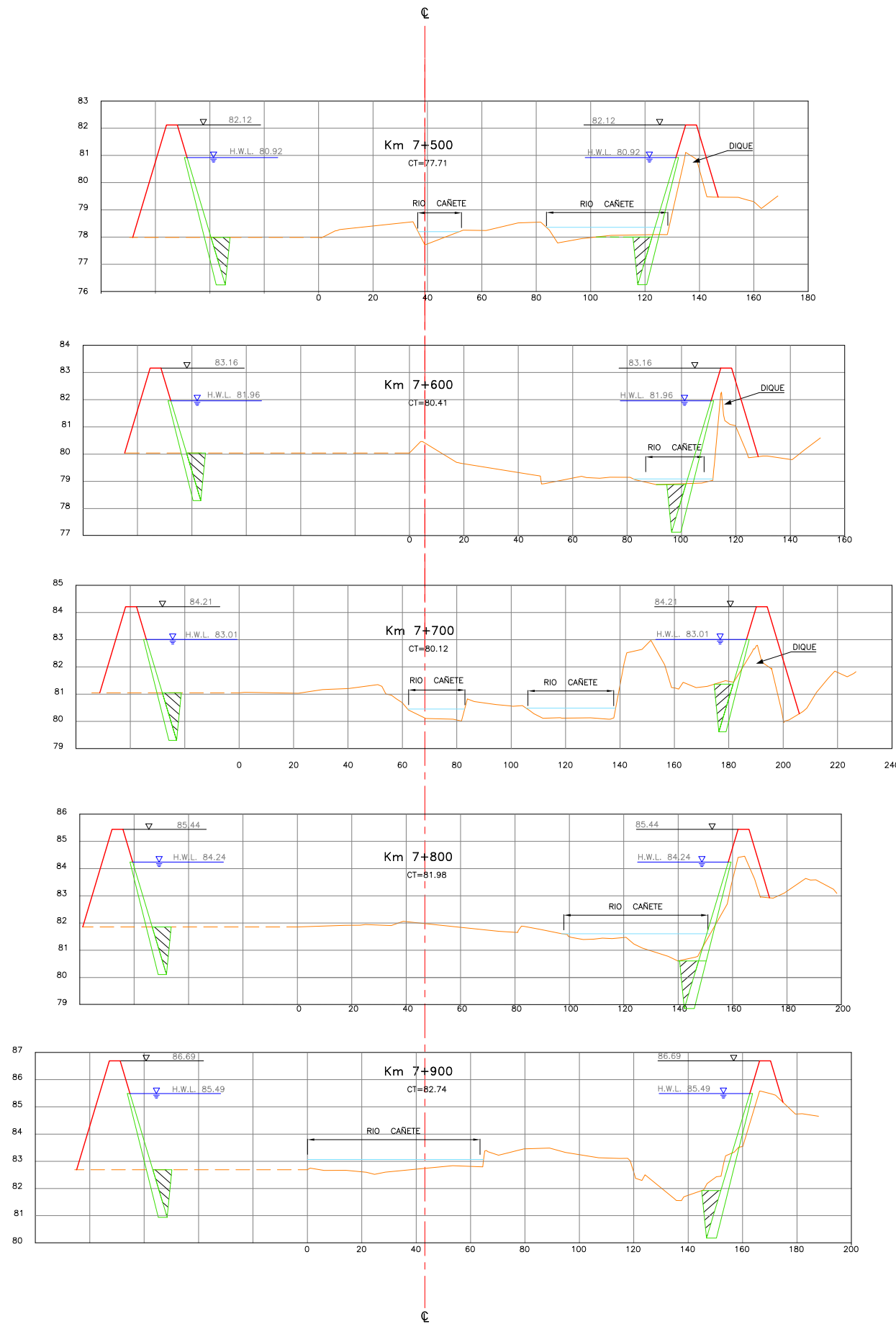
1:750 0 10 20 30 40 50 60



NOTA: La escala indicada, corresponde al formato A-1 Para el Formato A-3, se debe considerar el doble.



NOTA: La escala indicada, corresponde al formato A-1
 Para el Formato A-3, se debe considerar el doble.



NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

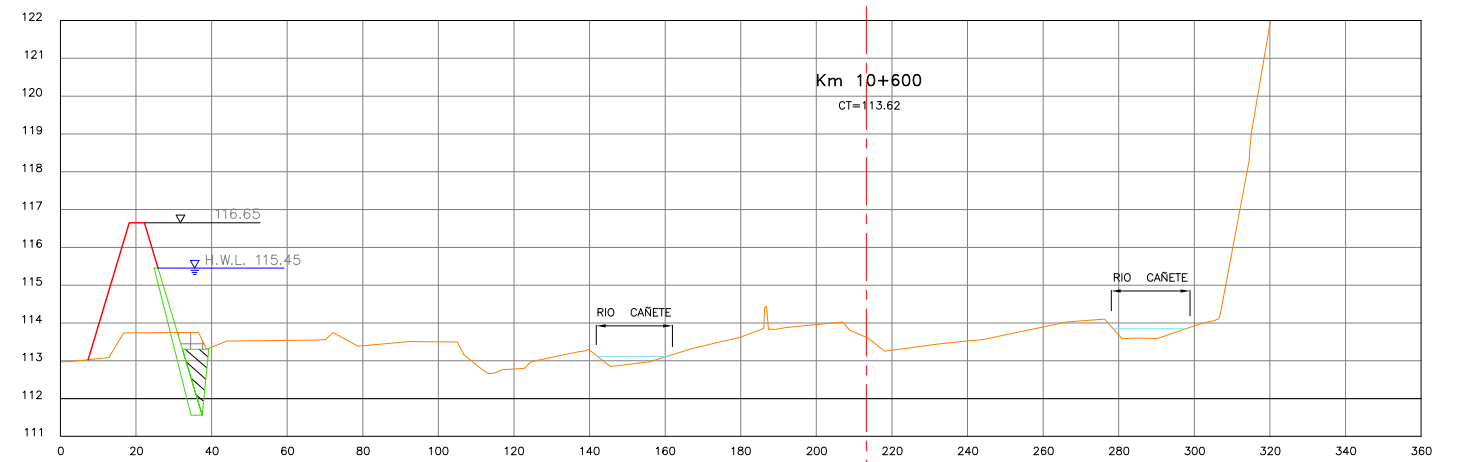
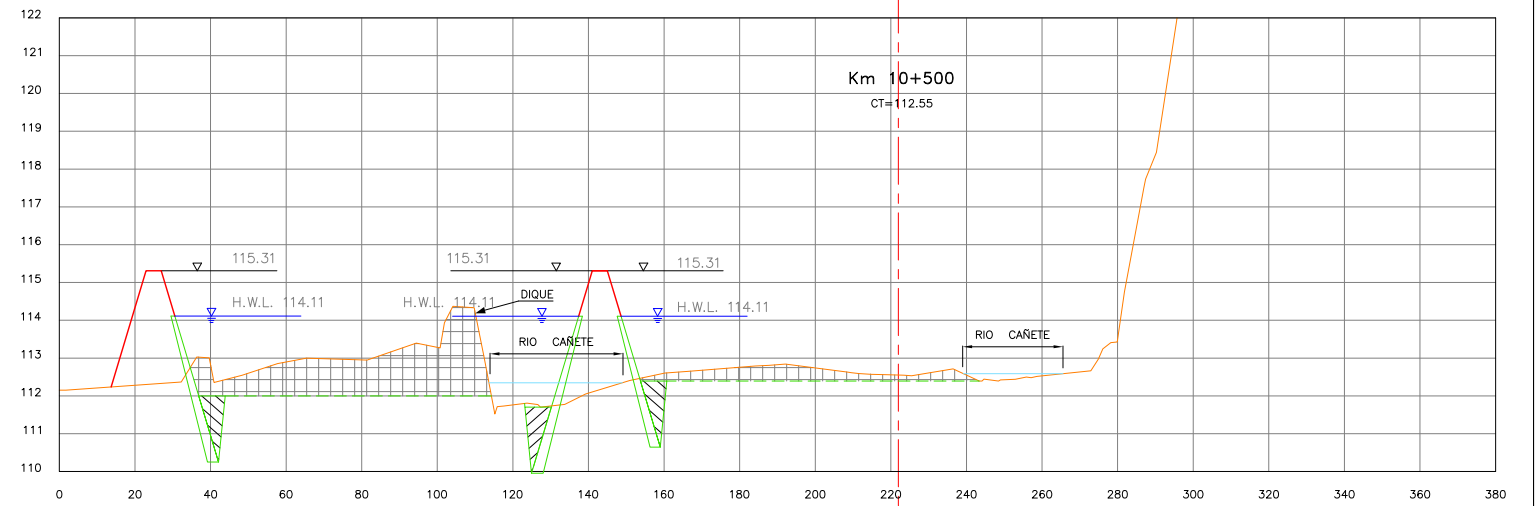
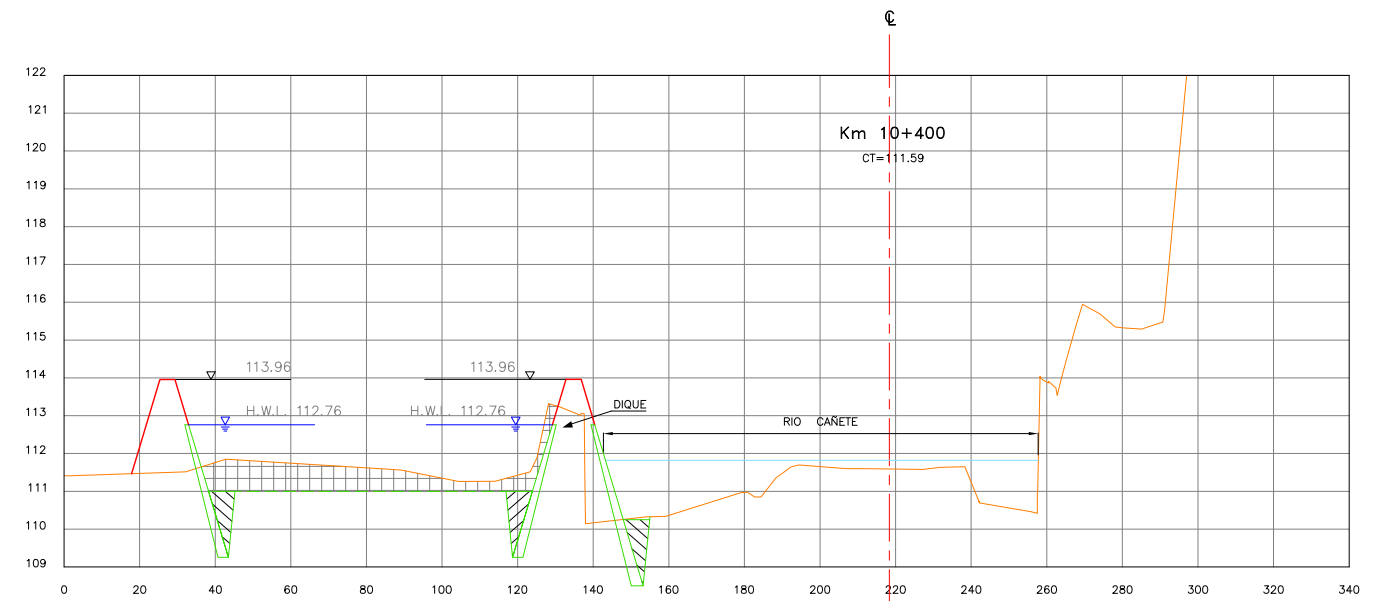
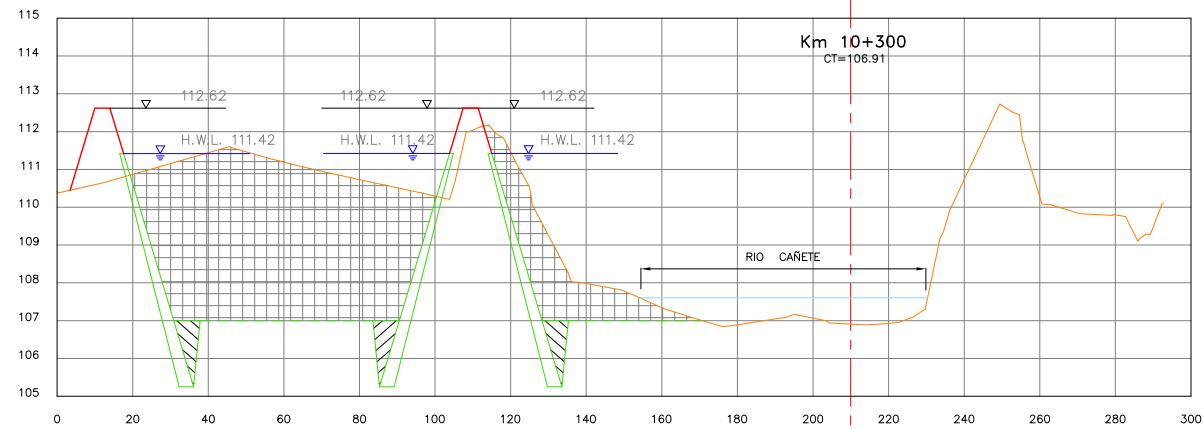
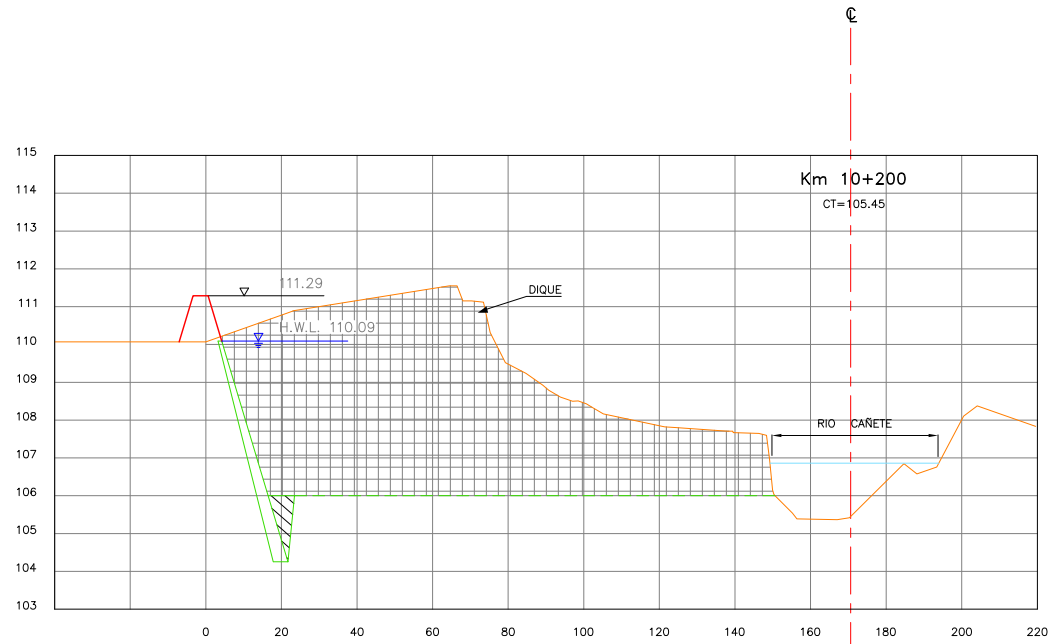
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



NOTA: La escala indicada, corresponde al formato A-1
Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

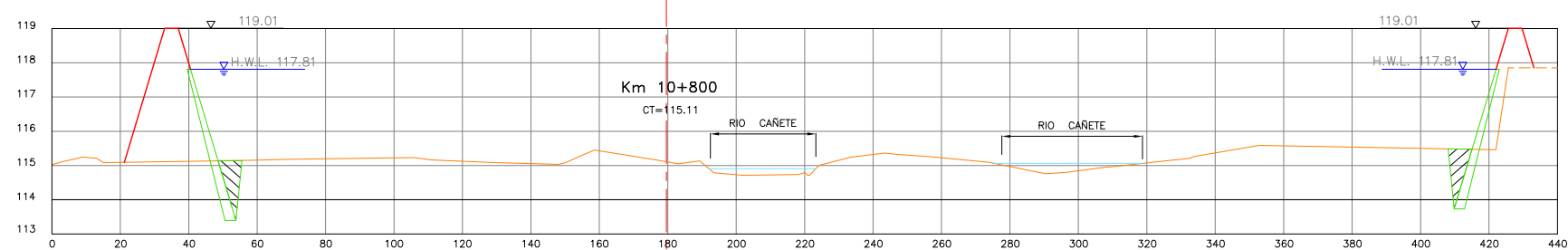
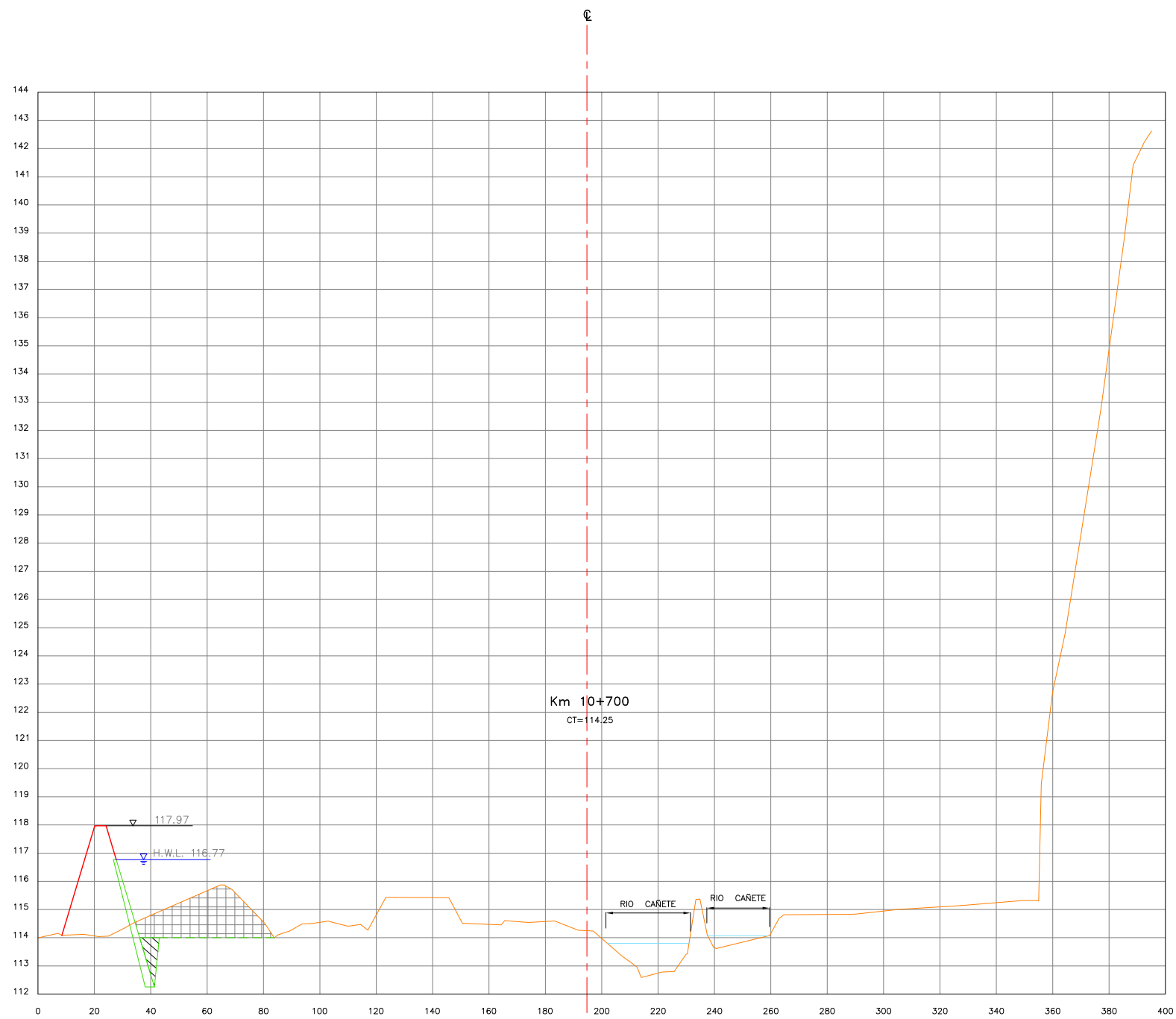
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



NOTA: La escala indicada, corresponde al formato A-1 Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

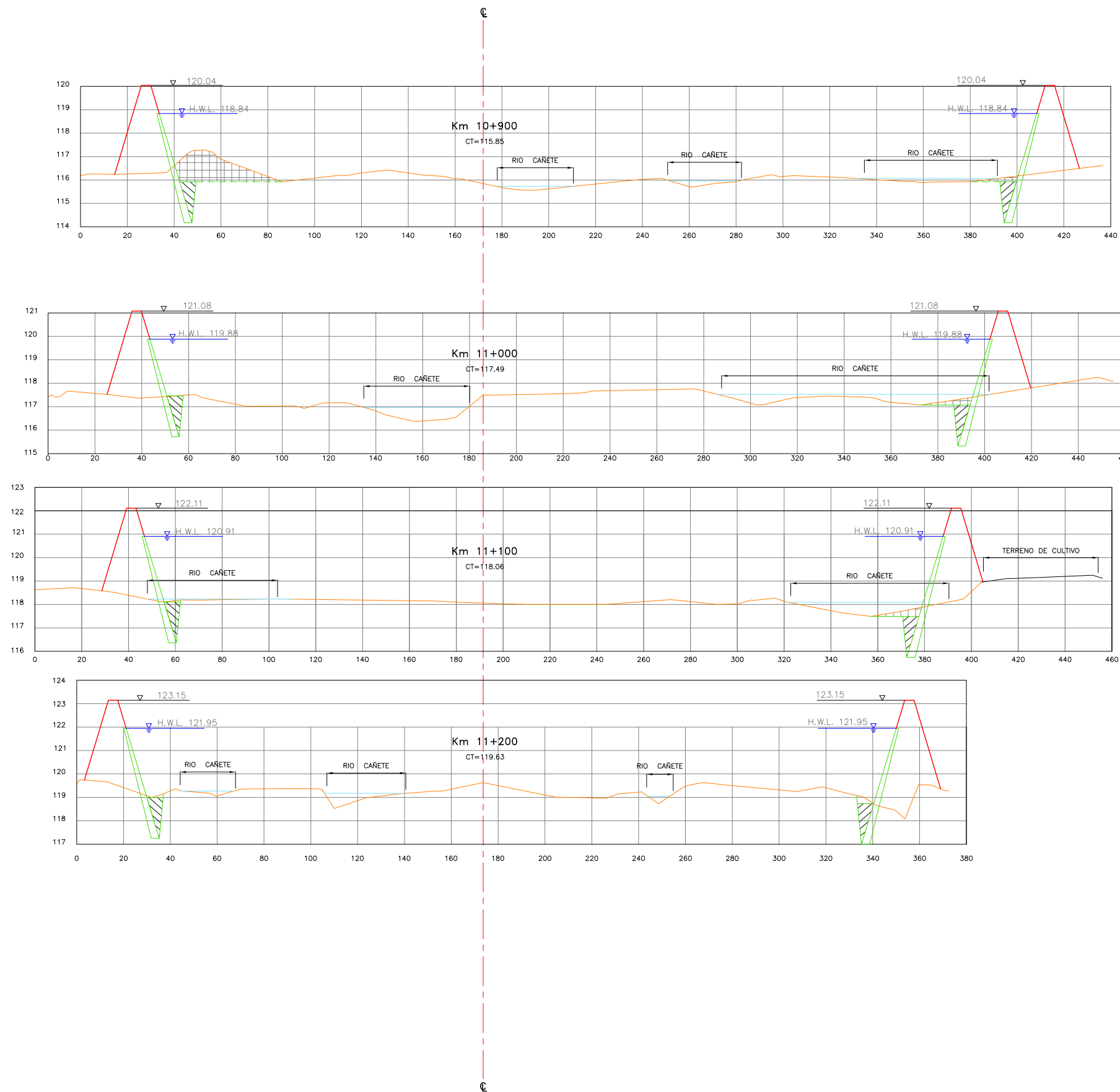
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



NOTA: La escala indicada, corresponde al formato A-1 Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

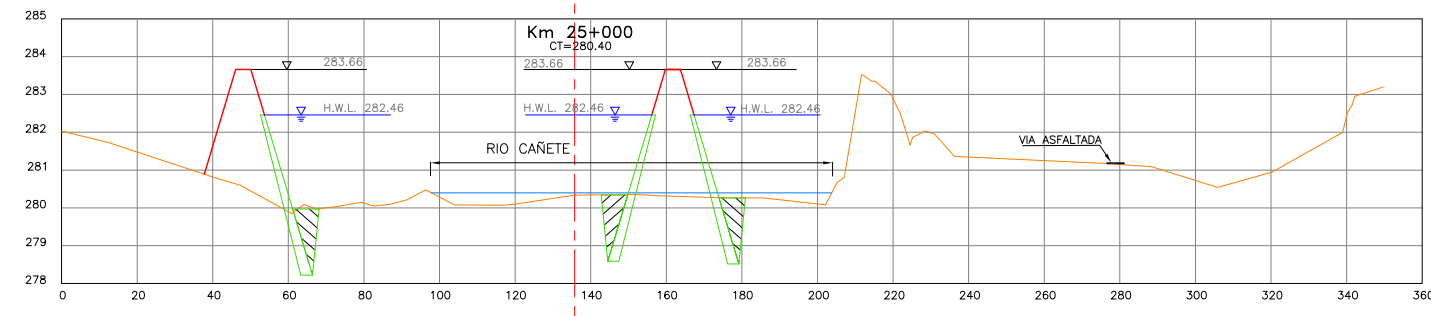
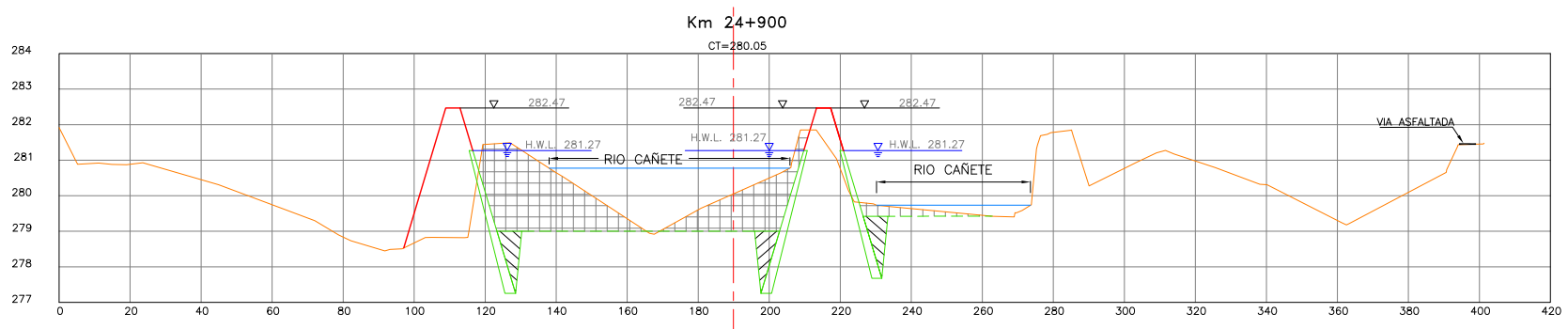
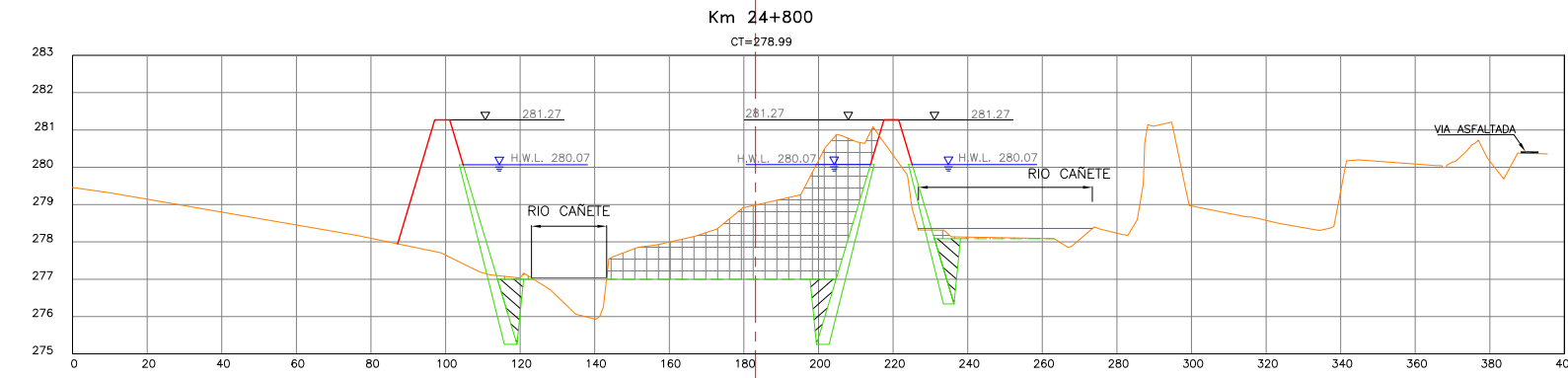
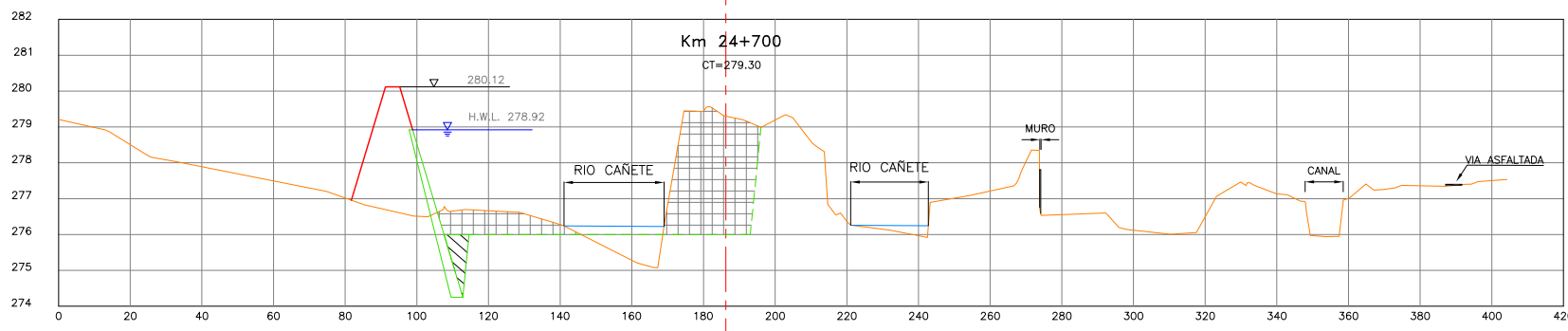
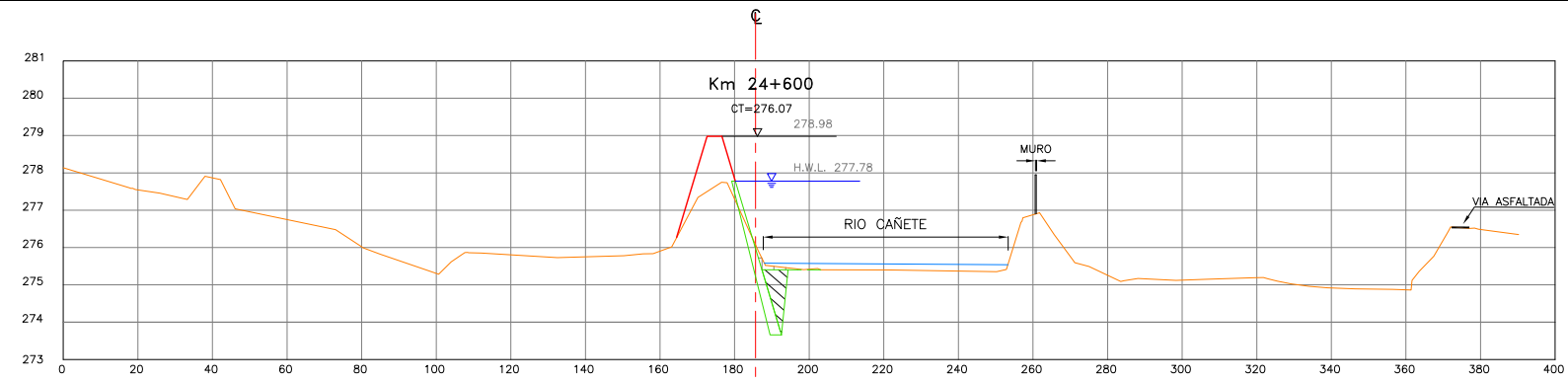
1:200 0 5 10 15

1:250 0 5 10 15 20

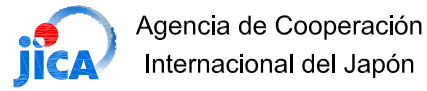
1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



NOTA: La escala indicada, corresponde al formato A-1 Para el Formato A-3, se debe considerar el doble.



Consultores:
Yeo
Yachyo Engineering Co., Ltd.



Diseño: M.SOYA
Revisado: M.KITANO
Aprobado: Y.NAKAGAWA
Revisión: REV_3

Proyecto:
PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES VULNERABLES ANTE INUNDACIONES EN LA REPÚBLICA DEL PERÚ

Plano:
RIO CAÑETE: CA-4
SECCIONES TRANSVERSALES
KM. 24+600 - KM. 25+000

ESCALA: INDICADA
FECHA: MARZO-2013
CÓDIGO: **CA-4-ST-01**

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

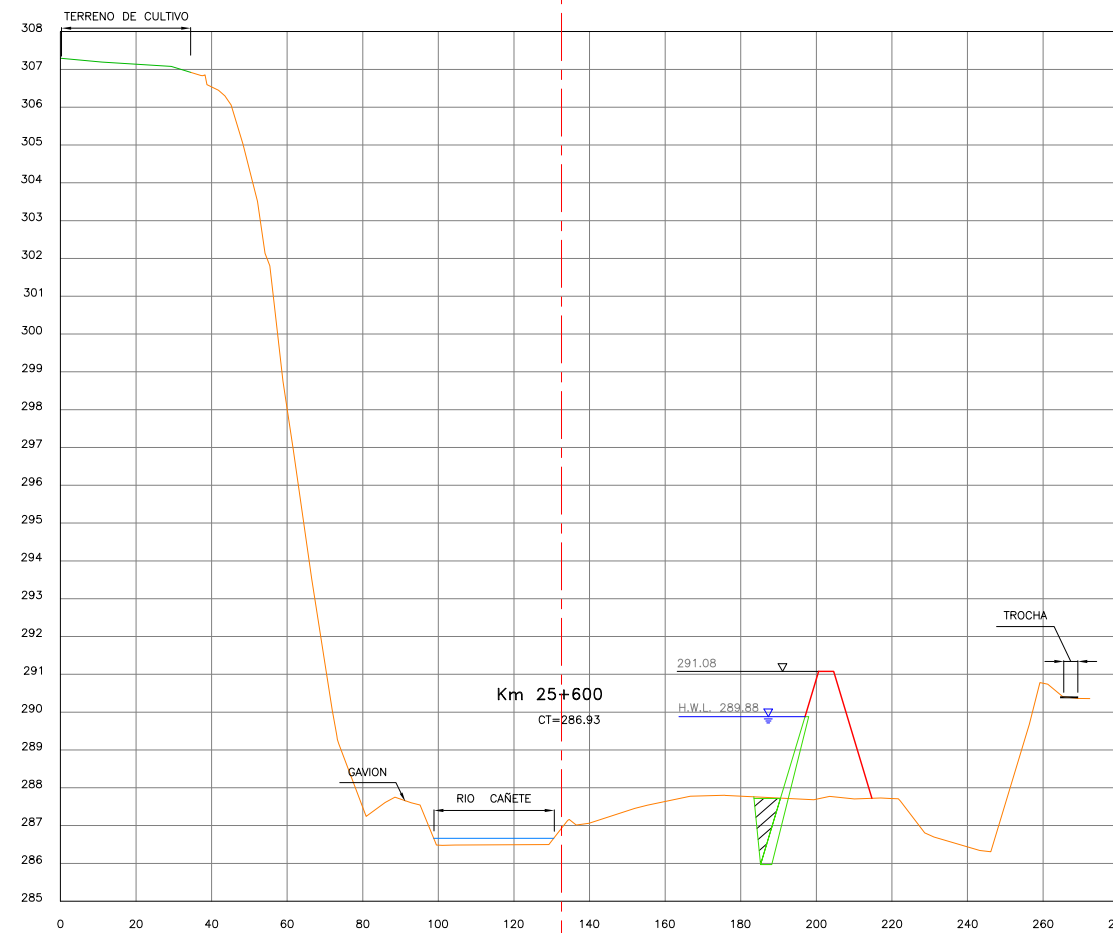
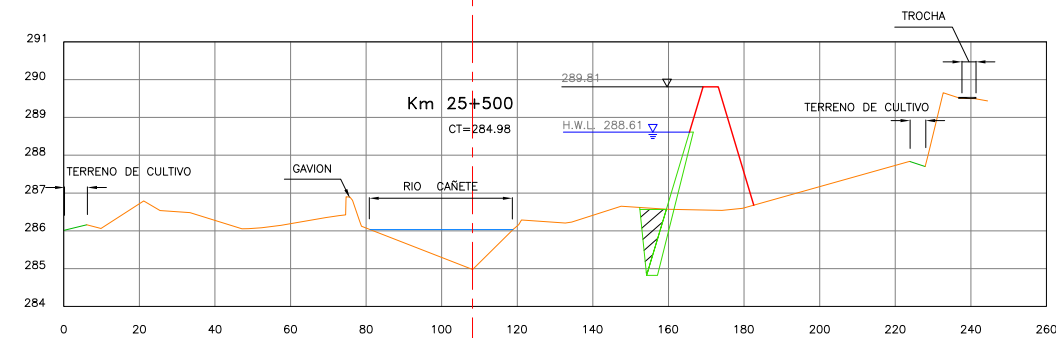
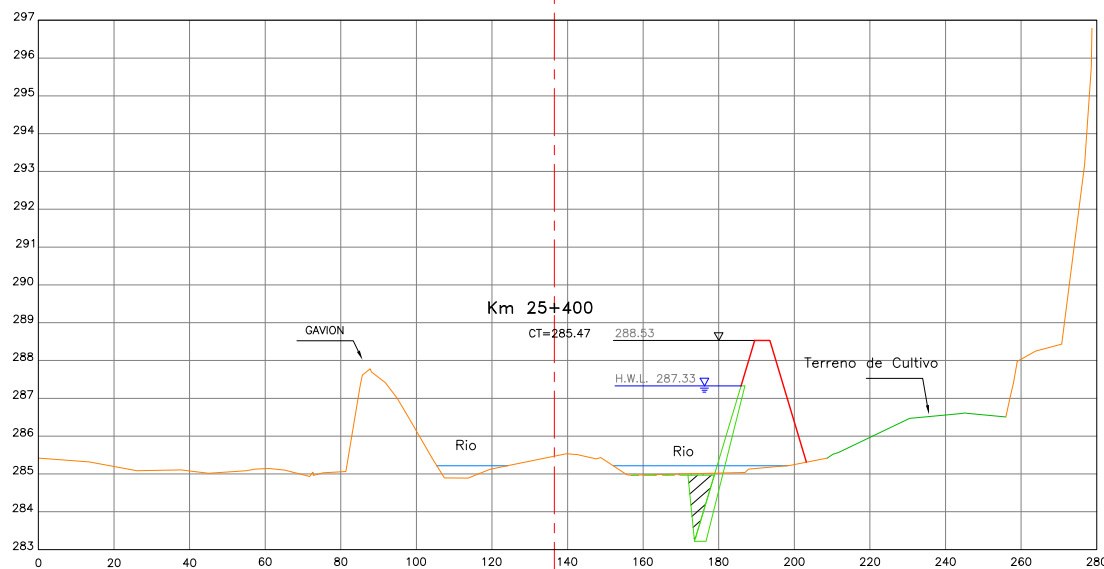
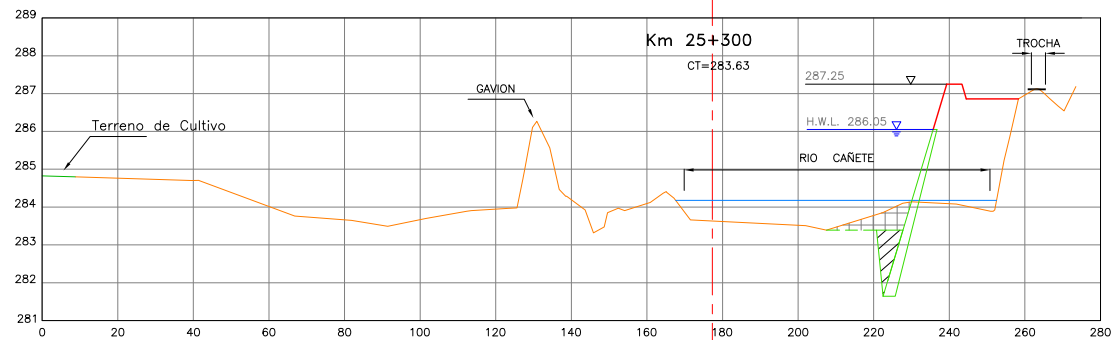
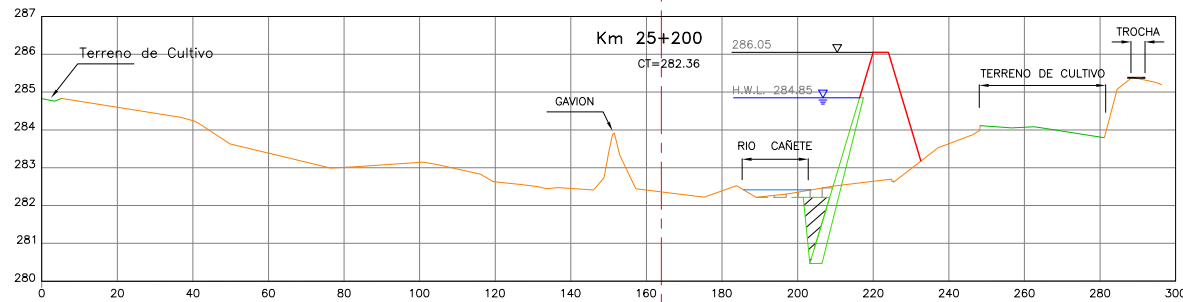
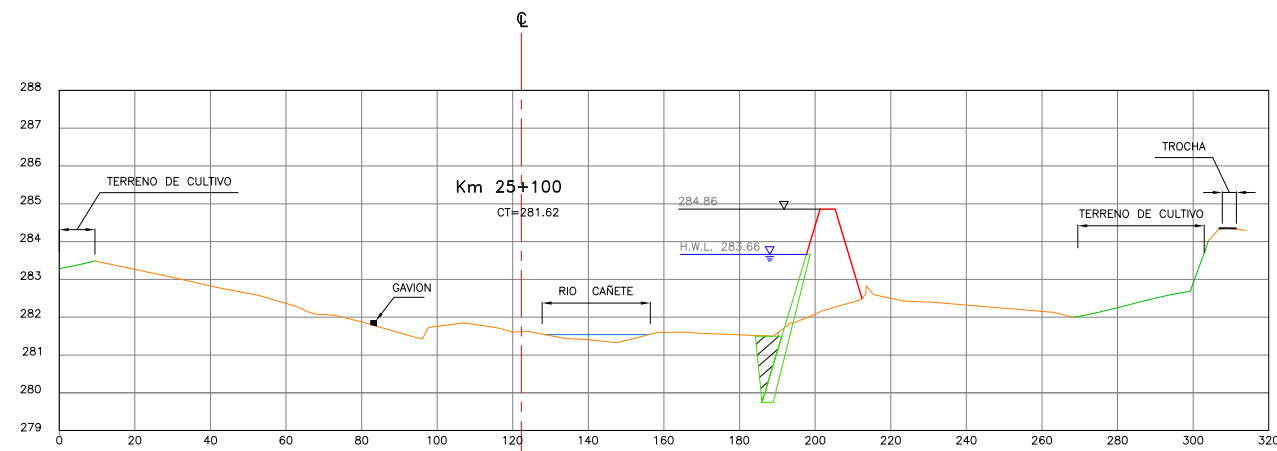
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



NOTA: La escala indicada, corresponde al formato A-1 Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

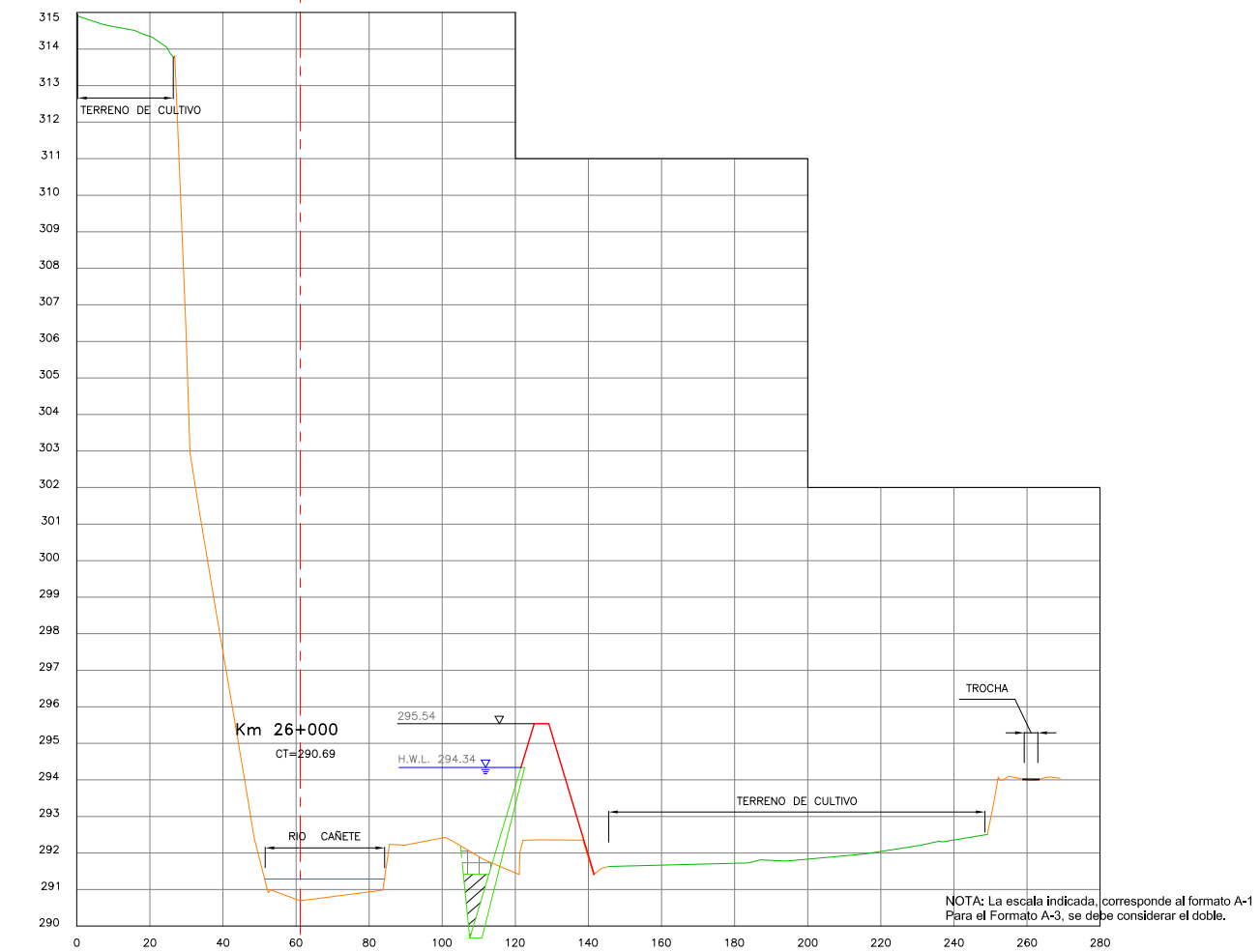
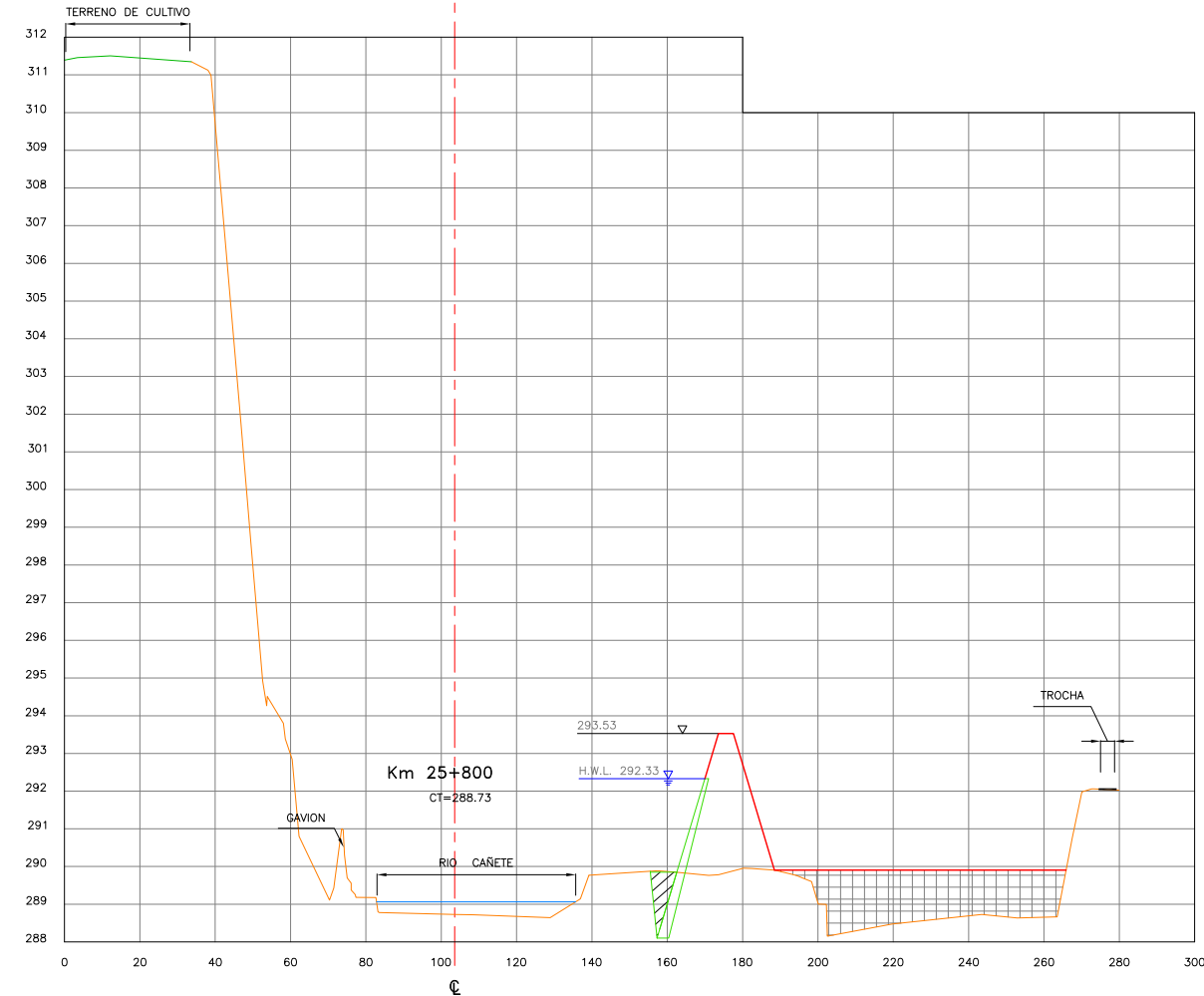
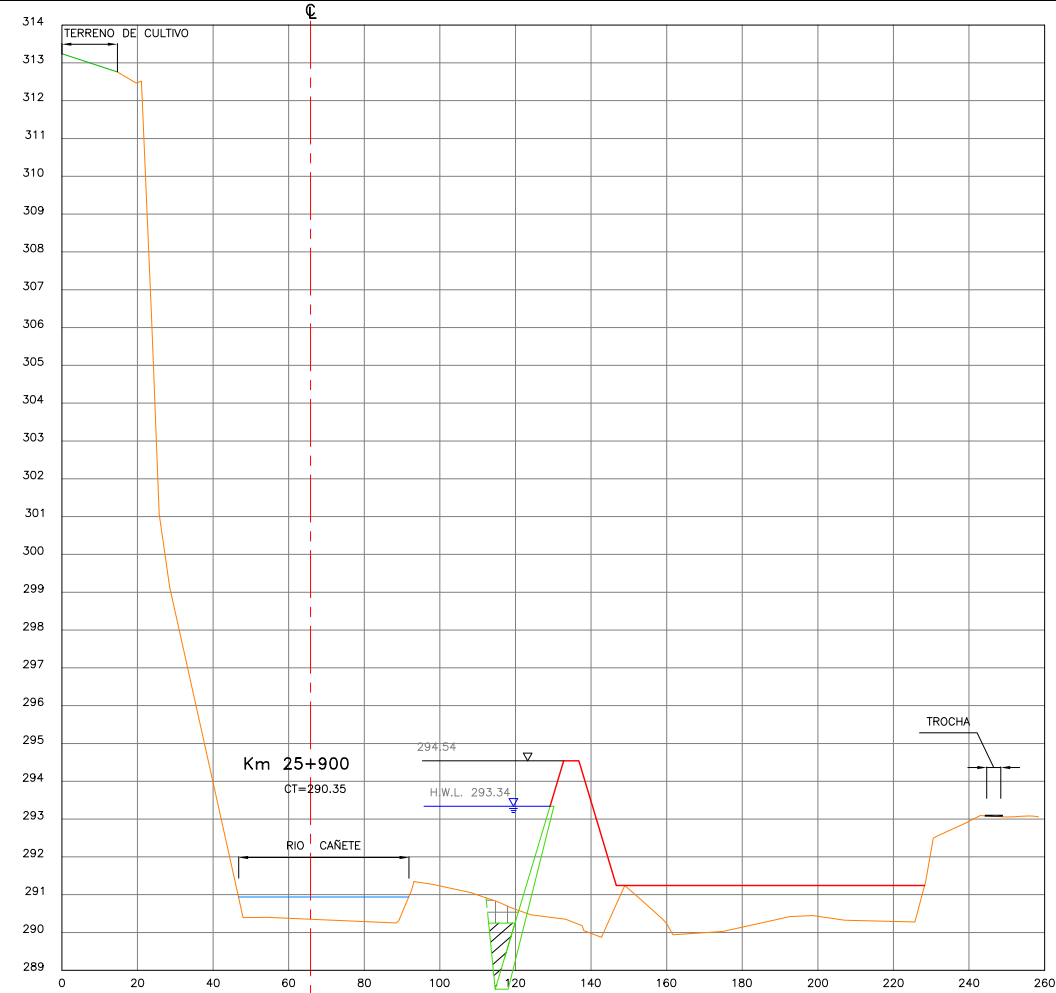
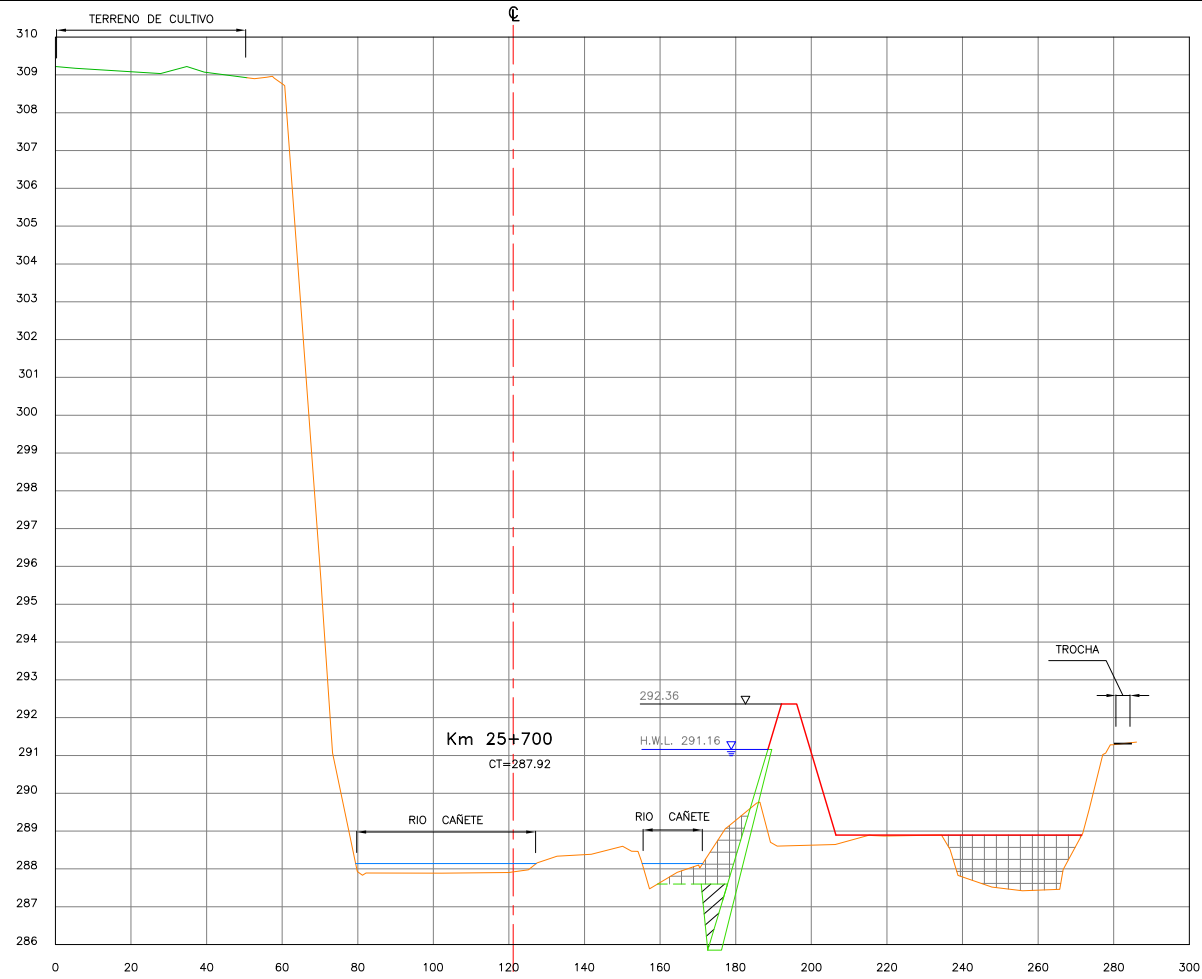
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

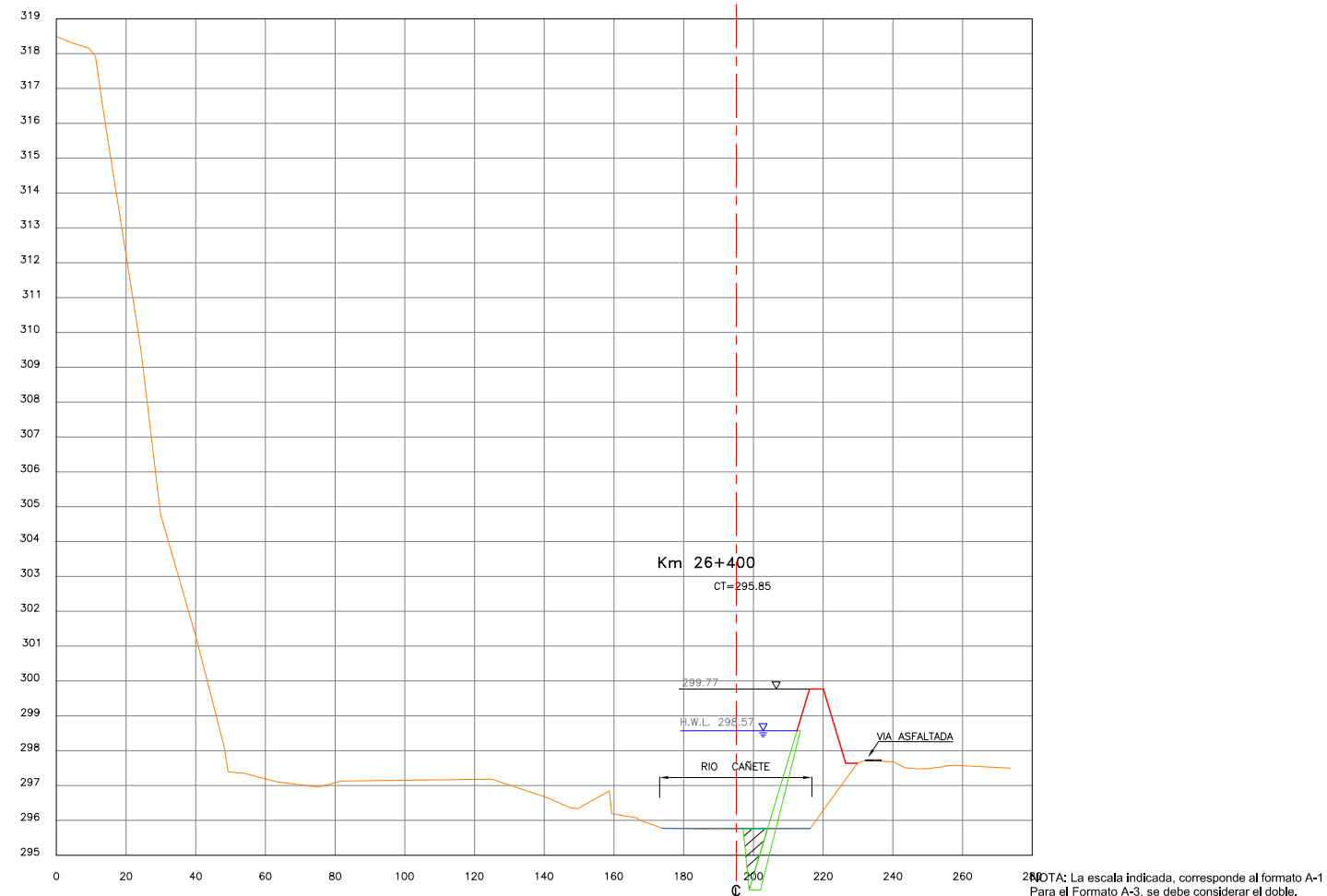
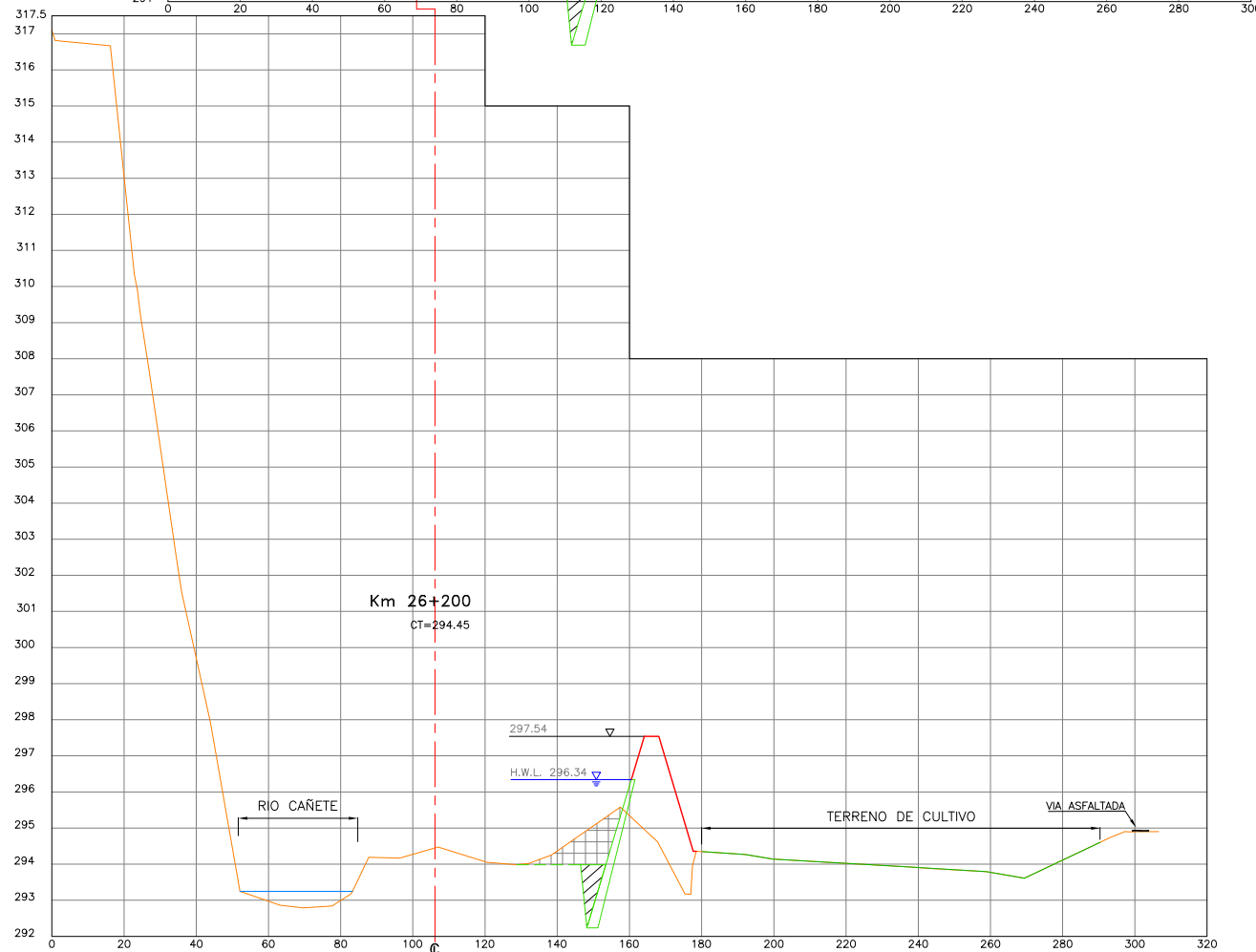
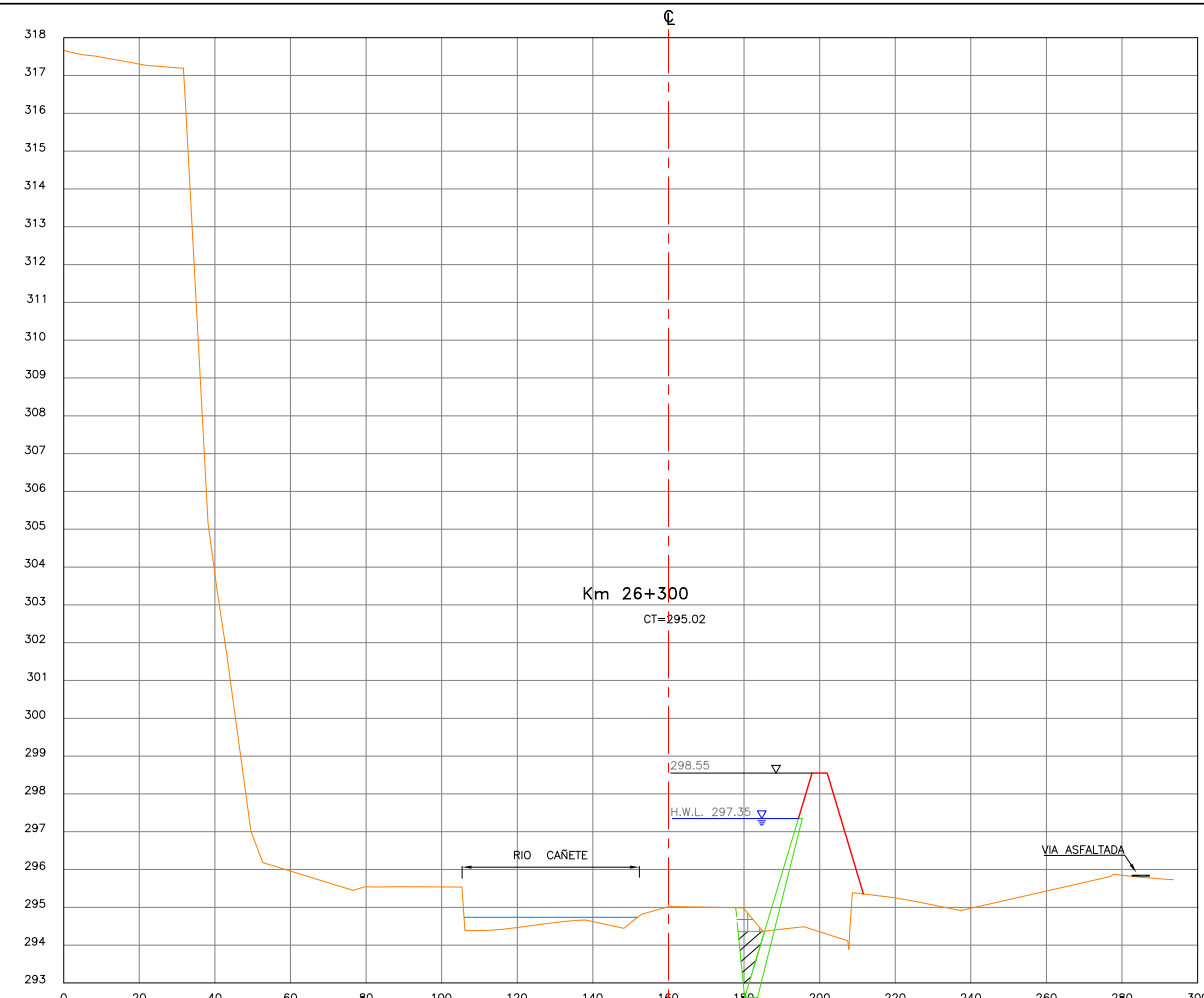
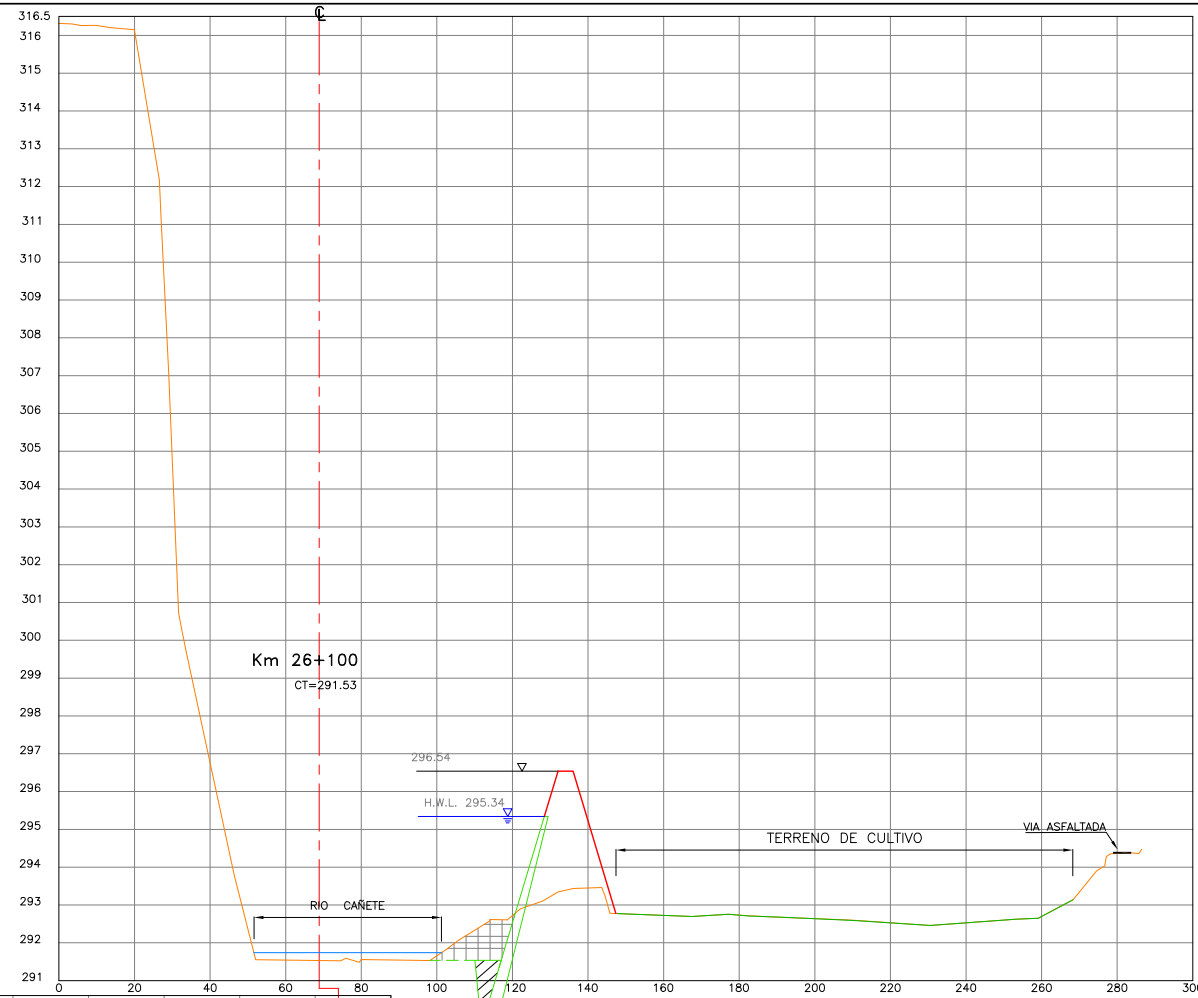
1:200 0 5 10 15

1:250 0 5 10 15 20

1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



NOTA: La escala indicada, corresponde al formato A-1. Para el Formato A-3, se debe considerar el doble.

1:100 0 1 2 3 4 5 6 7 8 9 10

1:150 0 1 2 3 4 5 6 7 8 9 10

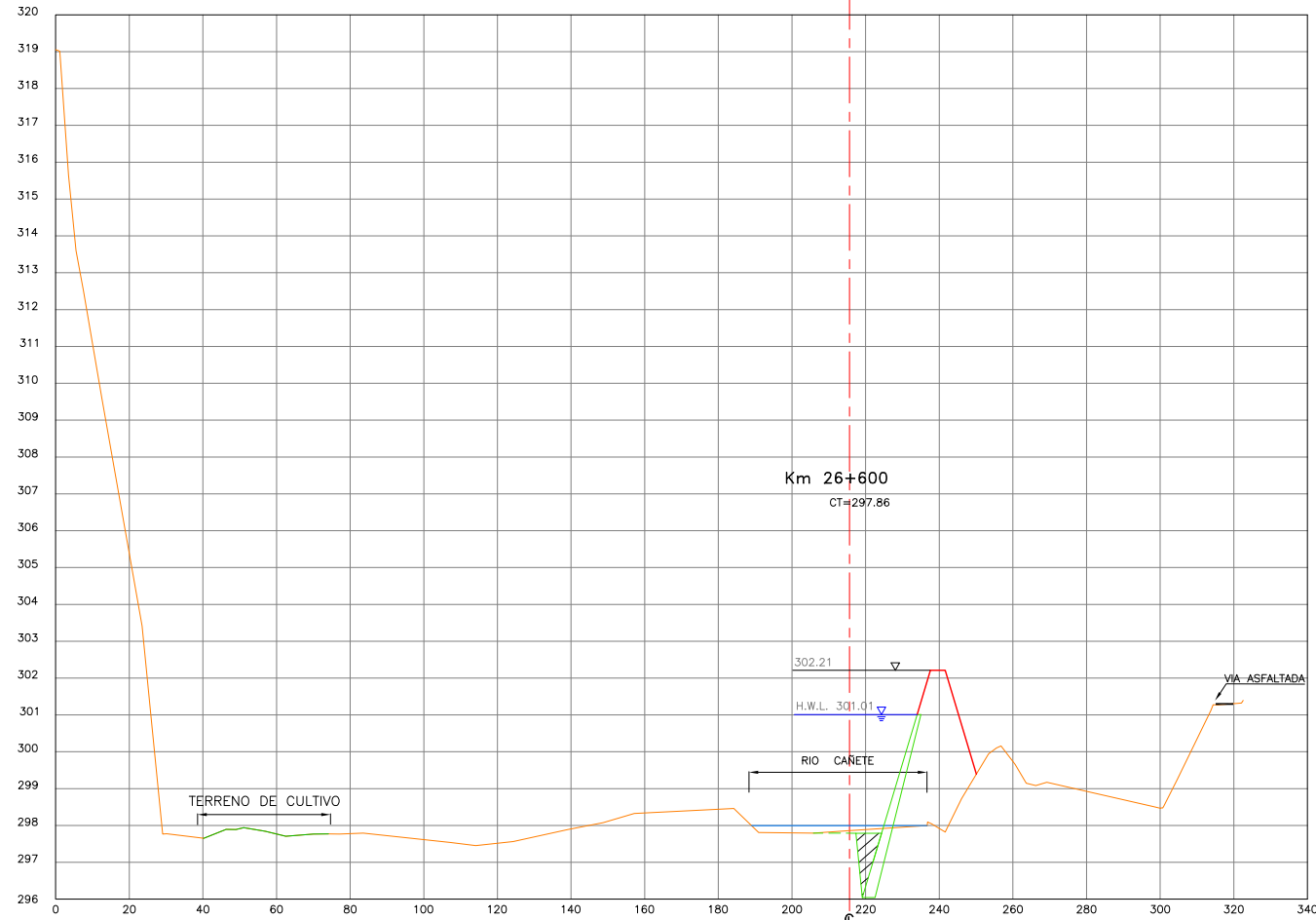
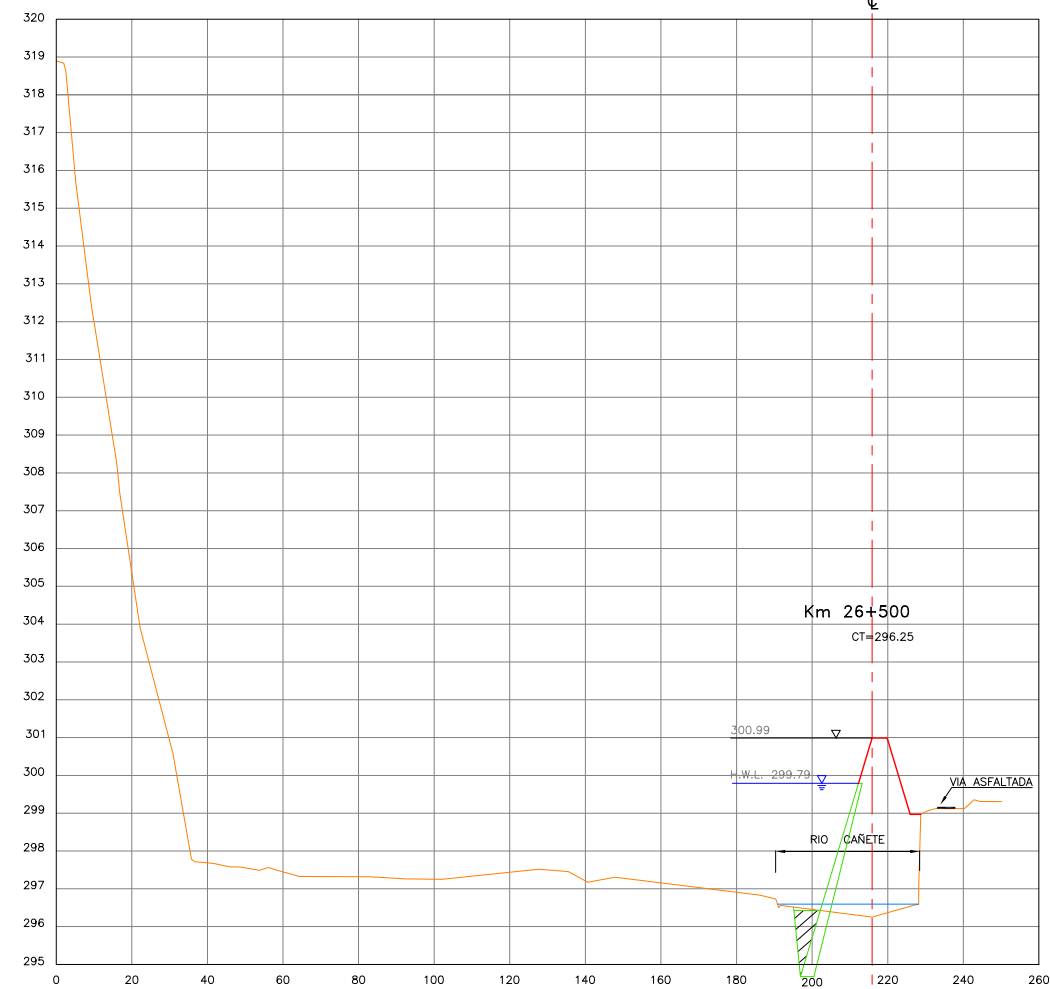
1:200 0 5 10 15

1:250 0 5 10 15 20

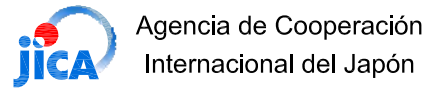
1:333.3 0 5 10 15 20 25 30

1:1000 0 5 10 15 20 25 30 35 40

1:750 0 10 20 30 40 50 60



NOTA: La escala indicada, corresponde al formato A-1 Para el Formato A-3, se debe considerar el doble.



Consultores:
Yeo
 Yachiyo Engineering Co., Ltd.



Diseño: M.SOYA
 Revisado: M.KITANO
 Aprobado: Y.NAKAGAWA
 Revisión: REV_3

Proyecto:
 PROGRAMA DE PROTECCIÓN DE VALLES Y POBLACIONES RURALES VULNERABLES ANTE INUNDACIONES EN LA REPÚBLICA DEL PERÚ

Plano:
RIO CAÑETE: CA-5
SECCIONES TRANSVERSALES
KM 26+500 - KM 26+600

ESCALA: INDICADA
 FECHA: MARZO-2013
 CÓDIGO: **CA-5-ST-04**