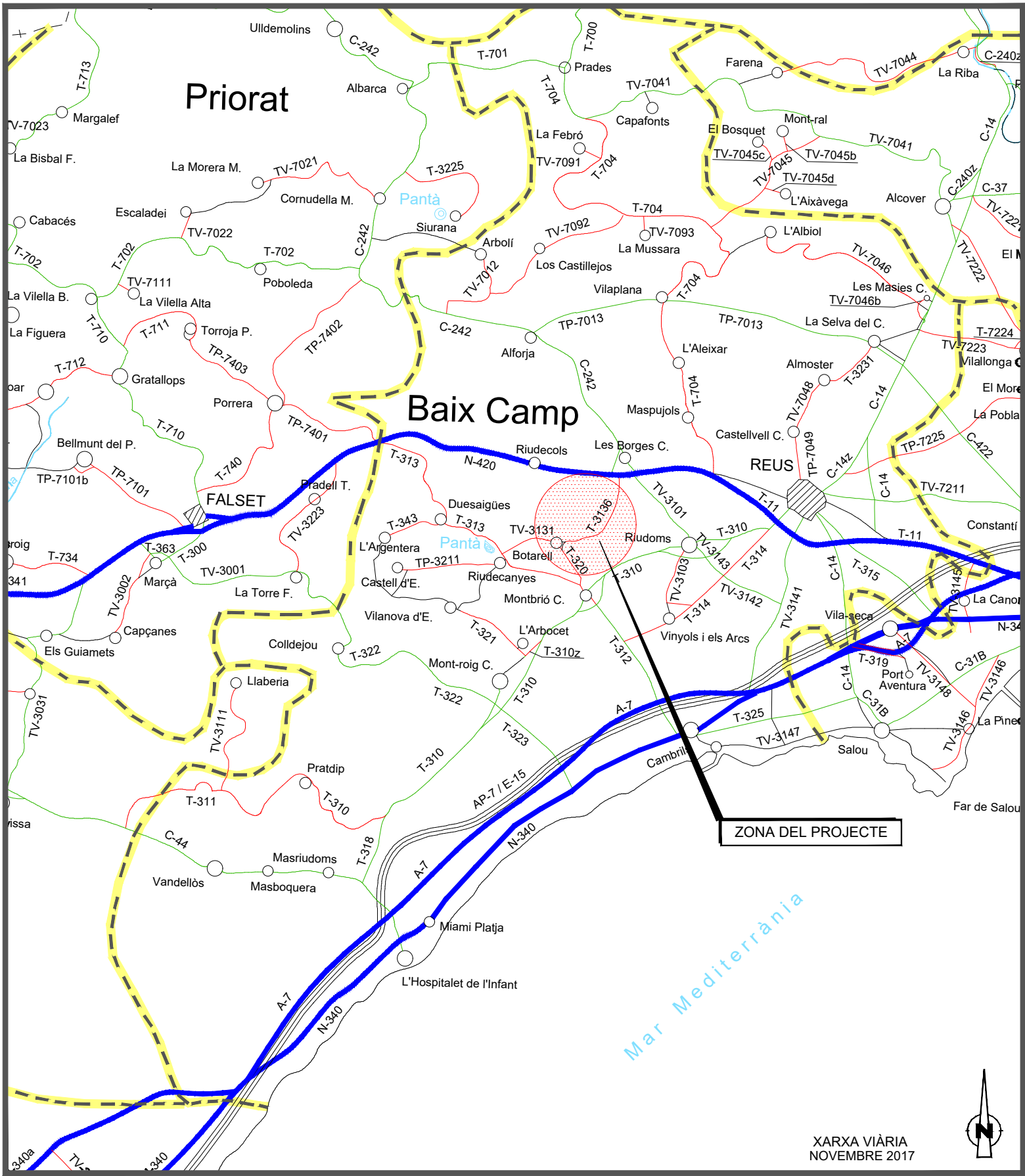

DOCUMENT 2 PLÀNOLS

PLÀNOL DE SITUACIÓ
ESCALA 1:100.000

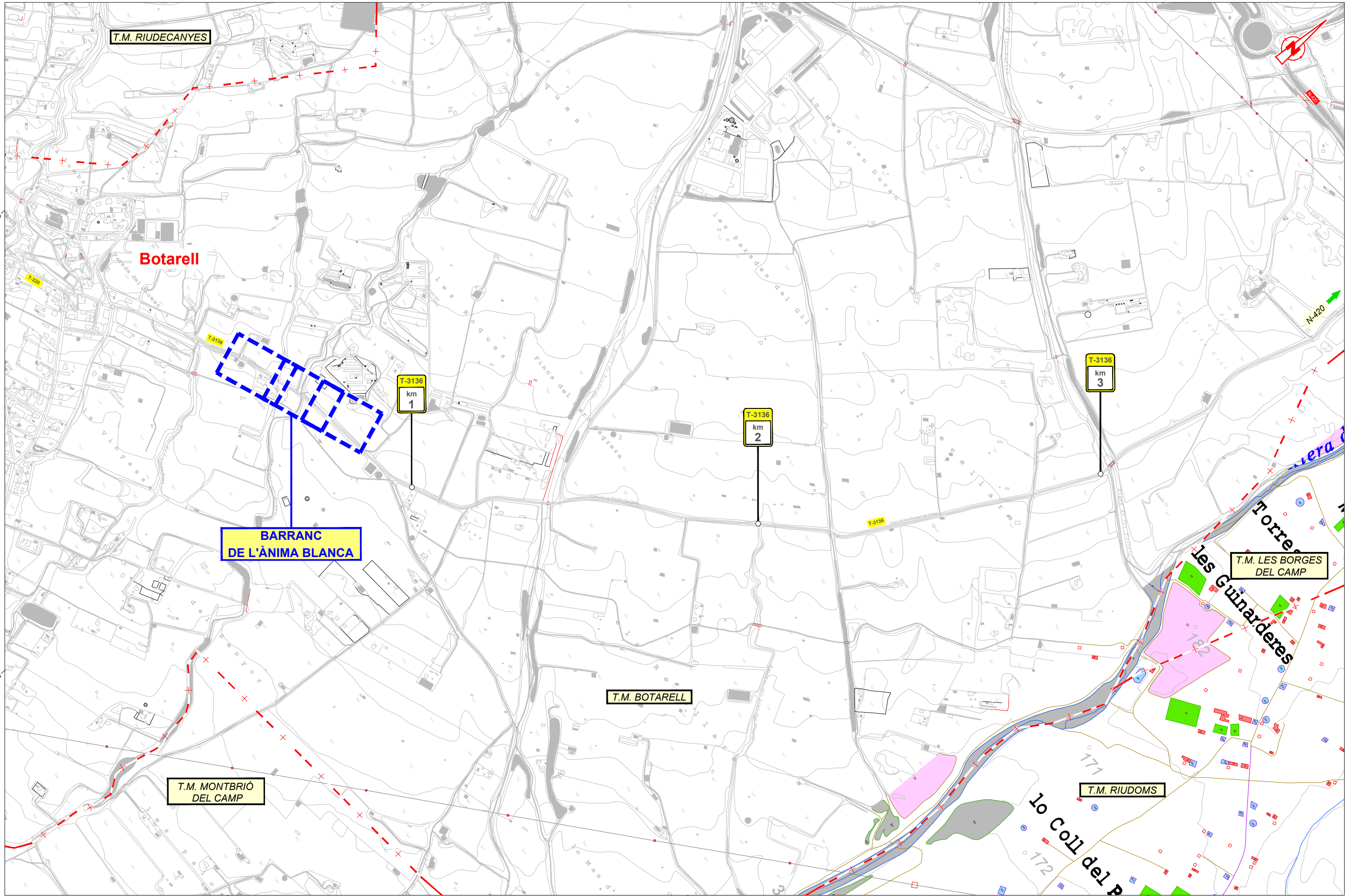


DIPUTACIÓ DE TARRAGONA
SERVEIS TÈCNICS TERRITORIALS

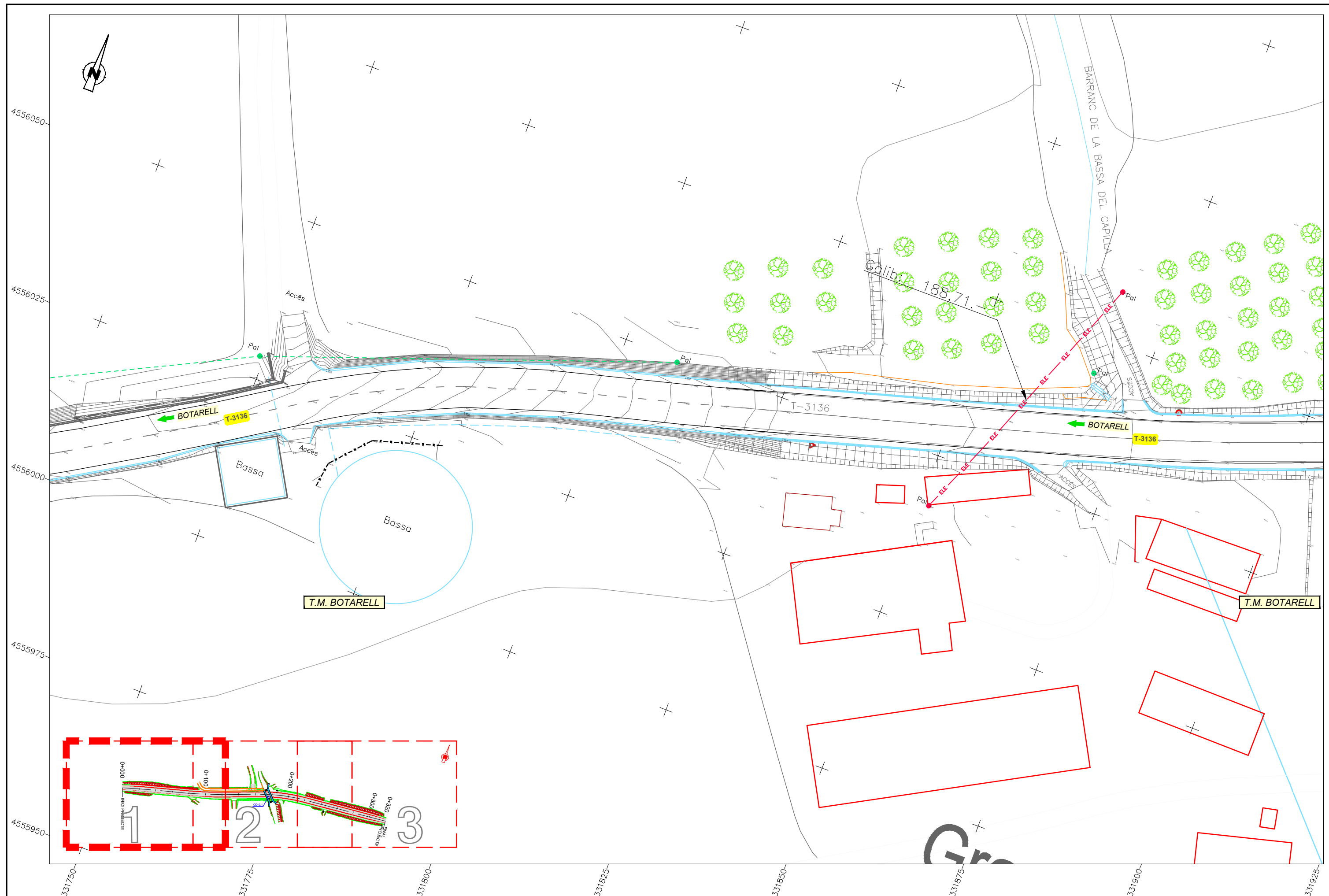
TEXT REFÓS DEL PROJECTE CONSTRUCTIU D'ACTUACIÓ PUNTUAL
DE SEGURETAT I DRENATGE A LA CARRETERA T-3136 DE
BOTARELL A LA N-420

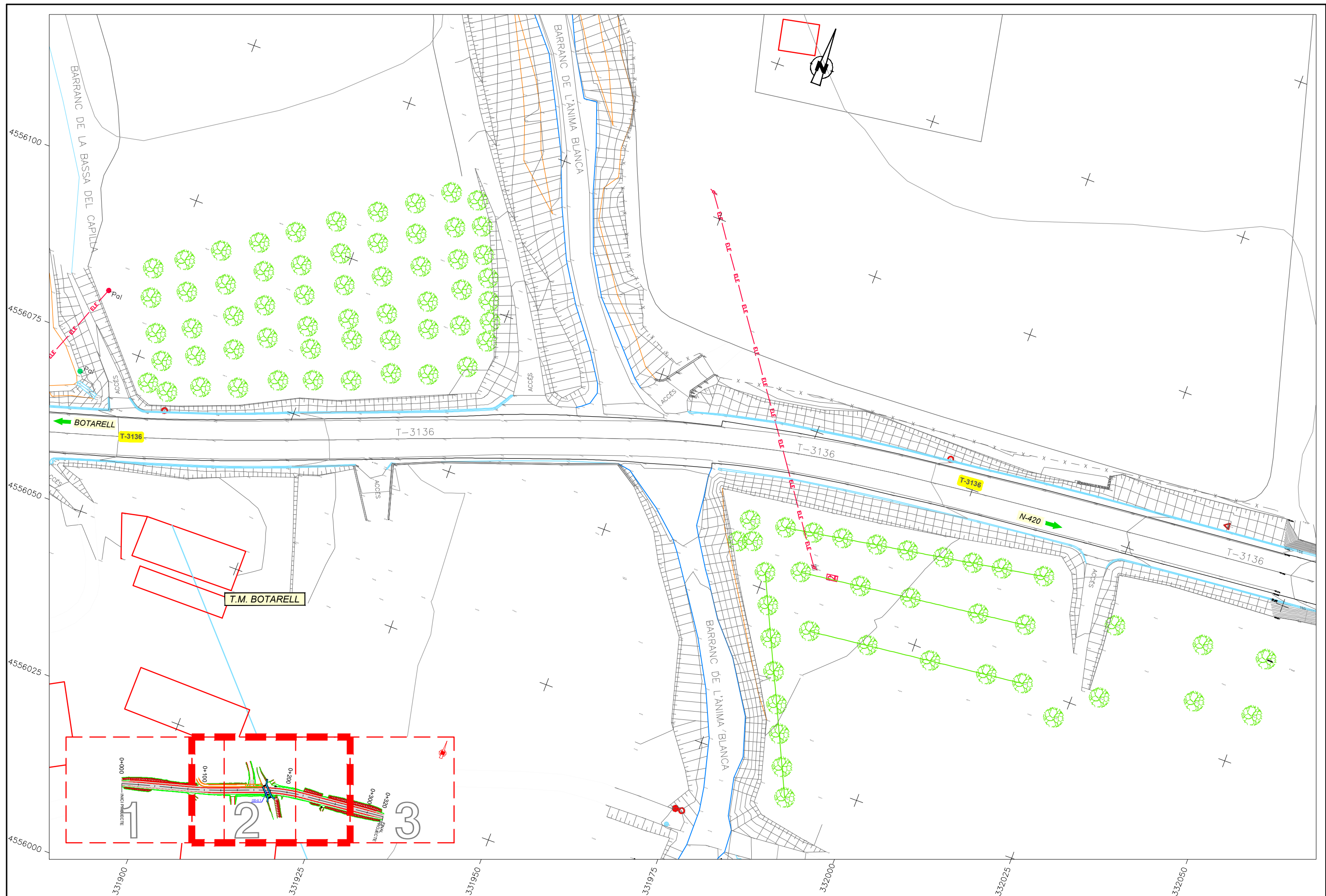
CLAU: P05-2025

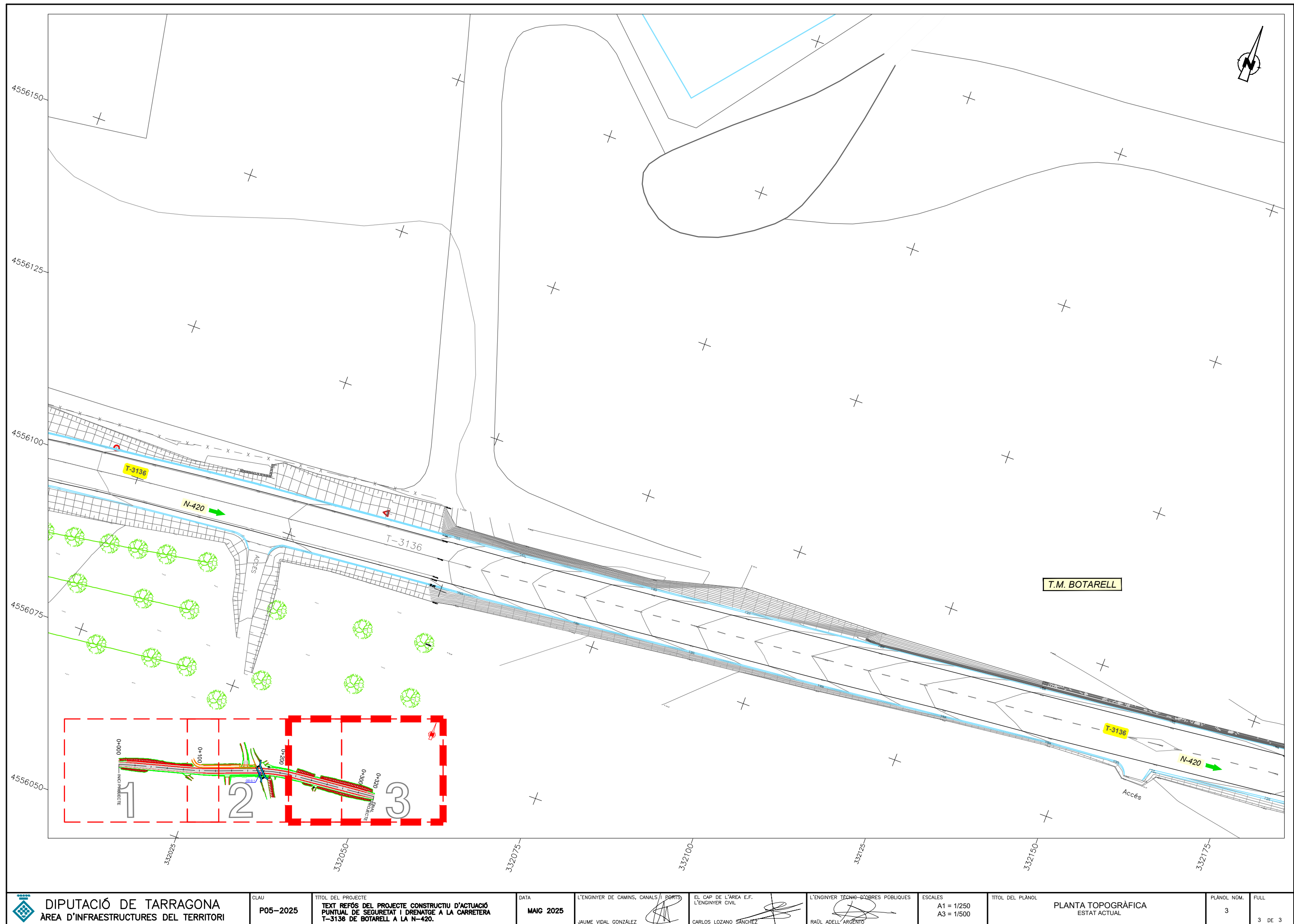
NÚM. PLÀNOL	Í N D E X	NÚM. FULLS
1	SITUACIÓ I ÍNDEX	1
2	PLÀNOL CONJUNT	
2A	CARTOGRAFIA	1
2B	ORTOFOTOMAPA	1
3	PLANTA TOPOGRÀFICA. ESTAT ACTUAL	3
4	PLANTES GENERALS. TOPOGRAFIA	3
5	PLANTES GENERALS. ORTOFOTOMAPA	3
6	DEFINICIÓ GEOMÈTRICA I EIXOS	3
7	PERFILS LONGITUDINALS	8
8	PERFILS TRANSVERSALS	16
9	SECCIONS TIPUS I DETALLS	4
10	DRENATGE	
10A	PLANTA	3
10B	DETALLS	4
11	ESTRUCTURES	
11A	IDENTIFICACIÓ D'ELEMENTS	3
11B	O.F.-0.1	4
11C	O.D.-0.1	6
11D	MUR 1	2
12	SERVEIS EXISTENTS	3
13	SERVEIS. REPOSICIONS	
13A	PLANTES	3
13B	ESTUDI DE CREUAMENTS	1
14	SENYALITZACIÓ	
14A	PLANTA GENERAL	3
14B	PLANTA SISTEMES DE CONTENCIÓ	3
14C	DETALLS	5
15	EXPROPIACIONS CARTO	3
TOTAL NÚM DE FULLS		86

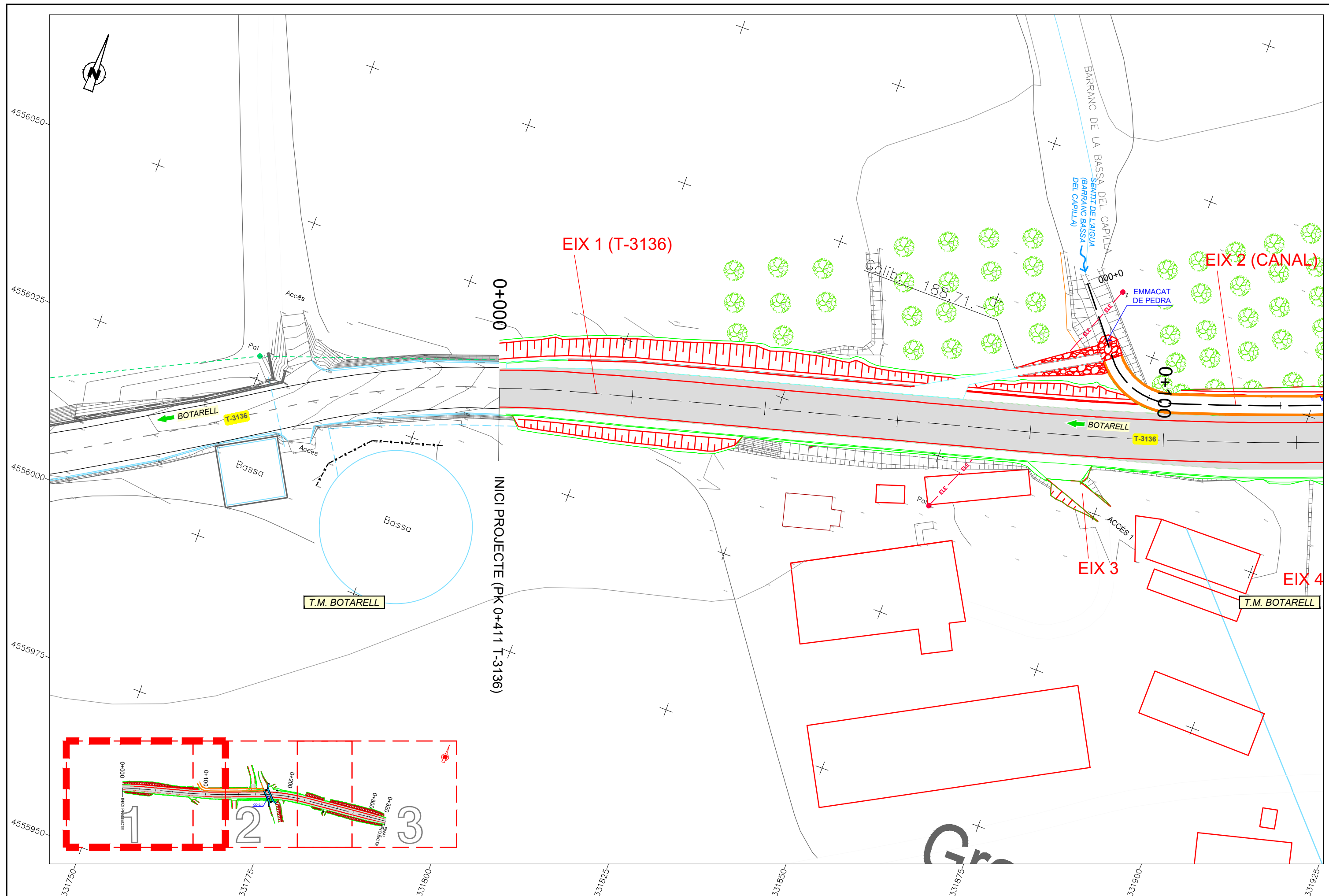


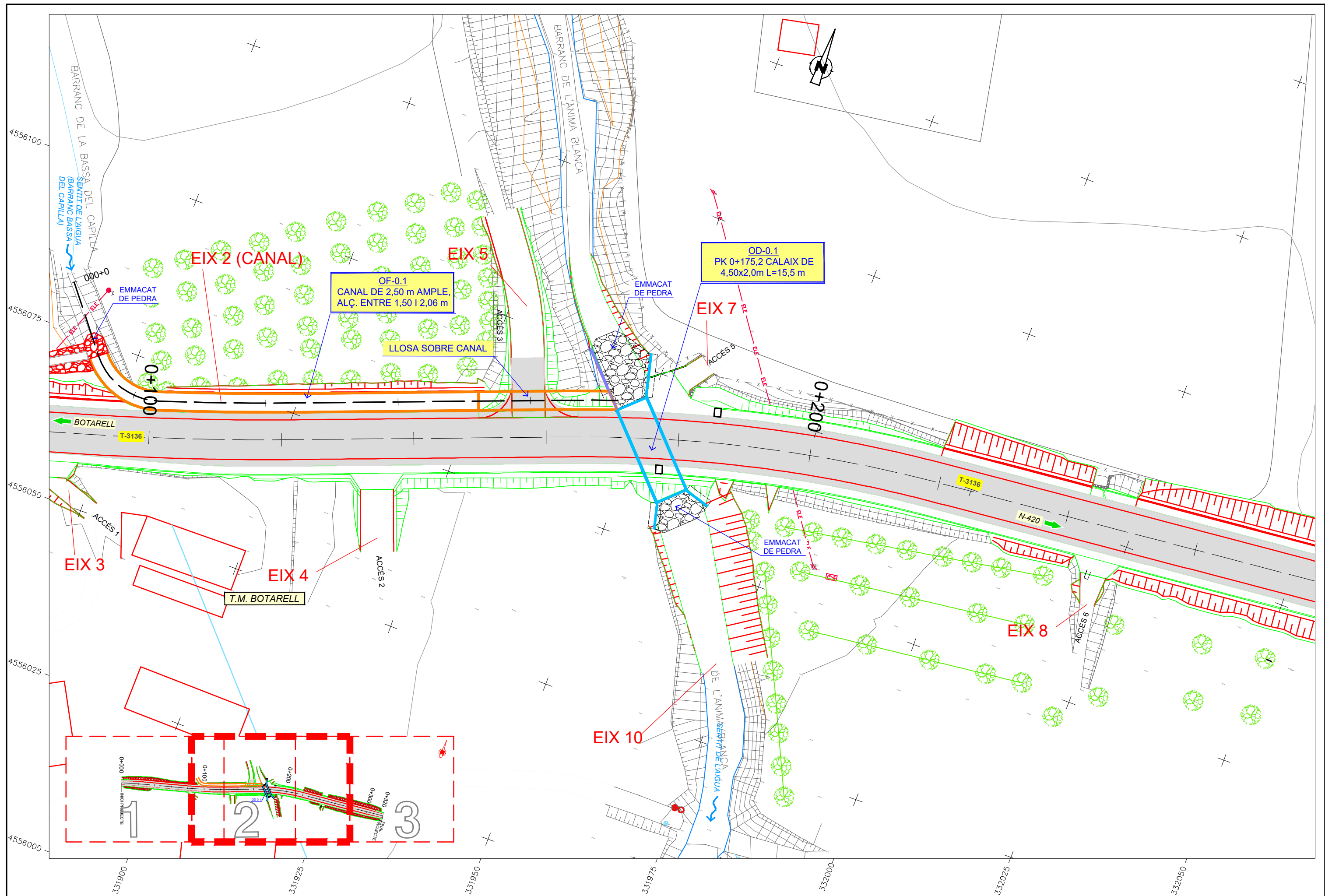


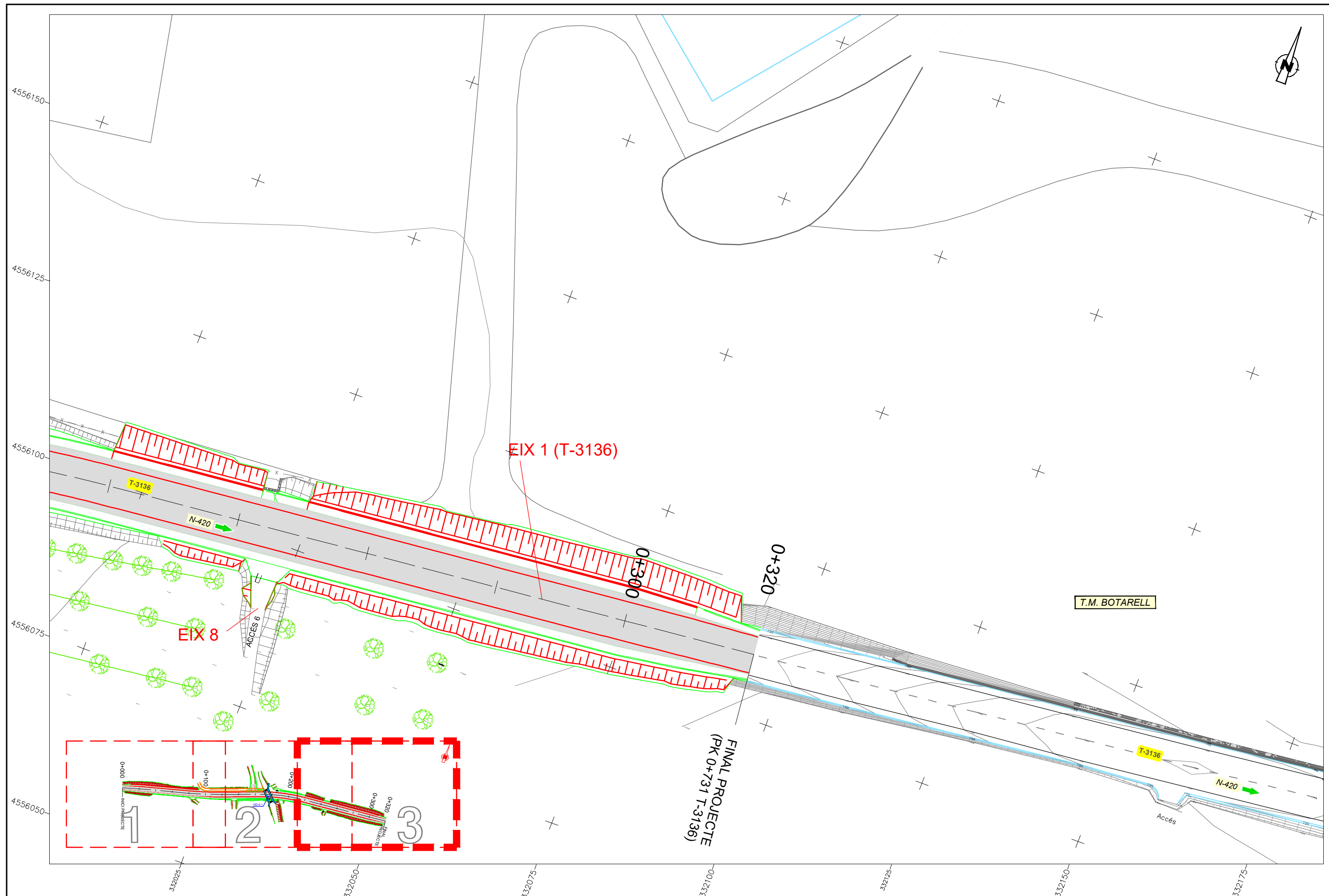


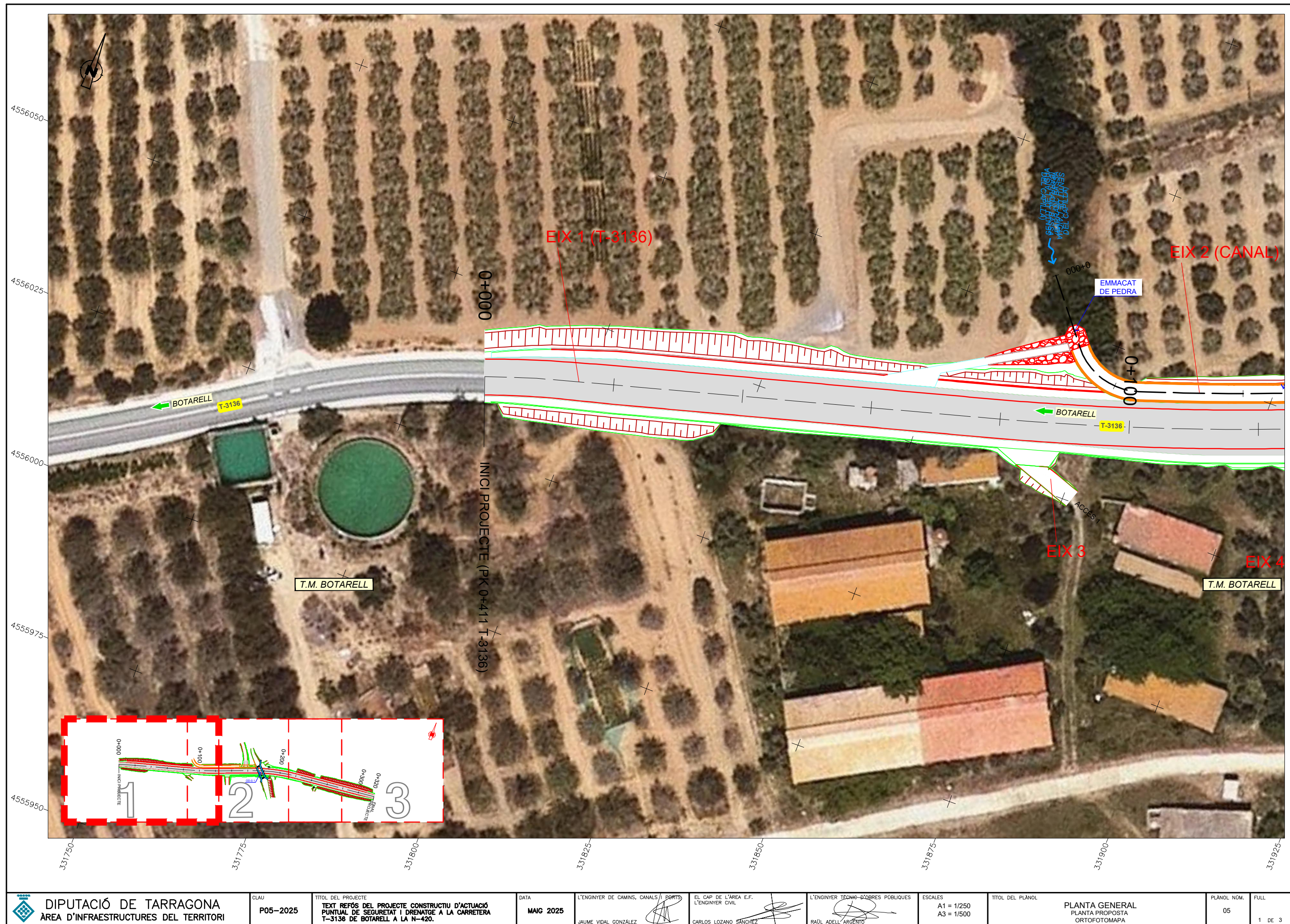


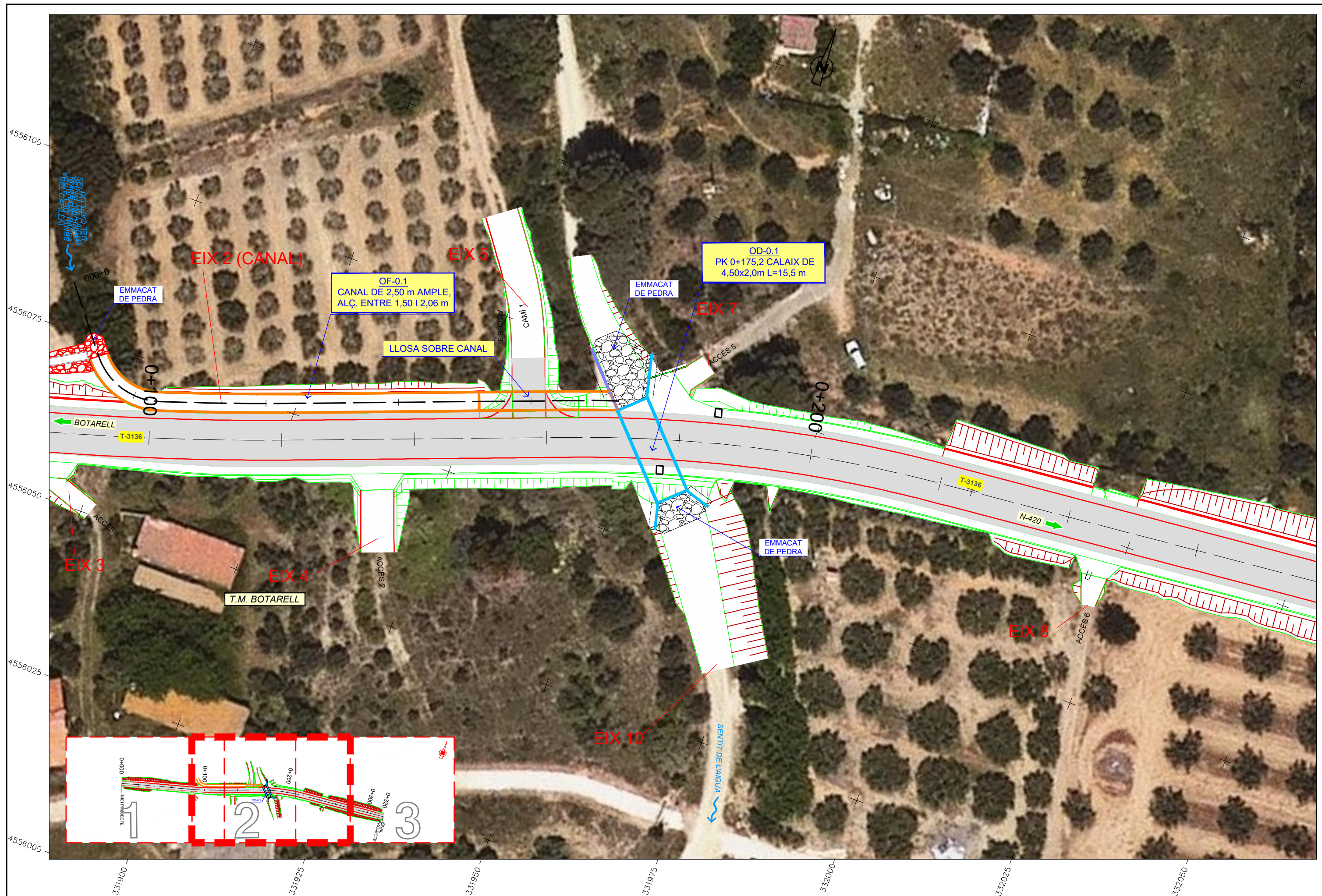


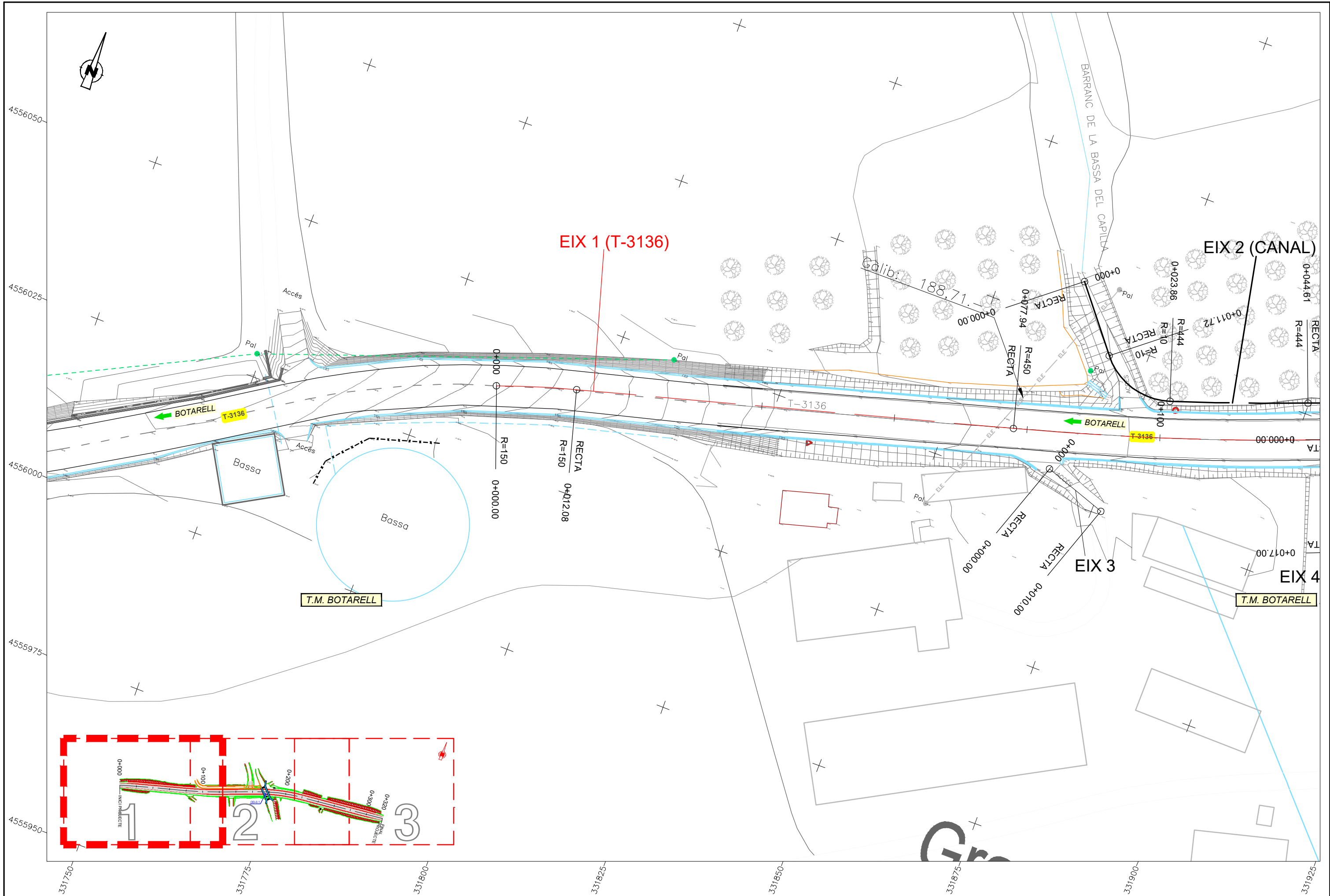


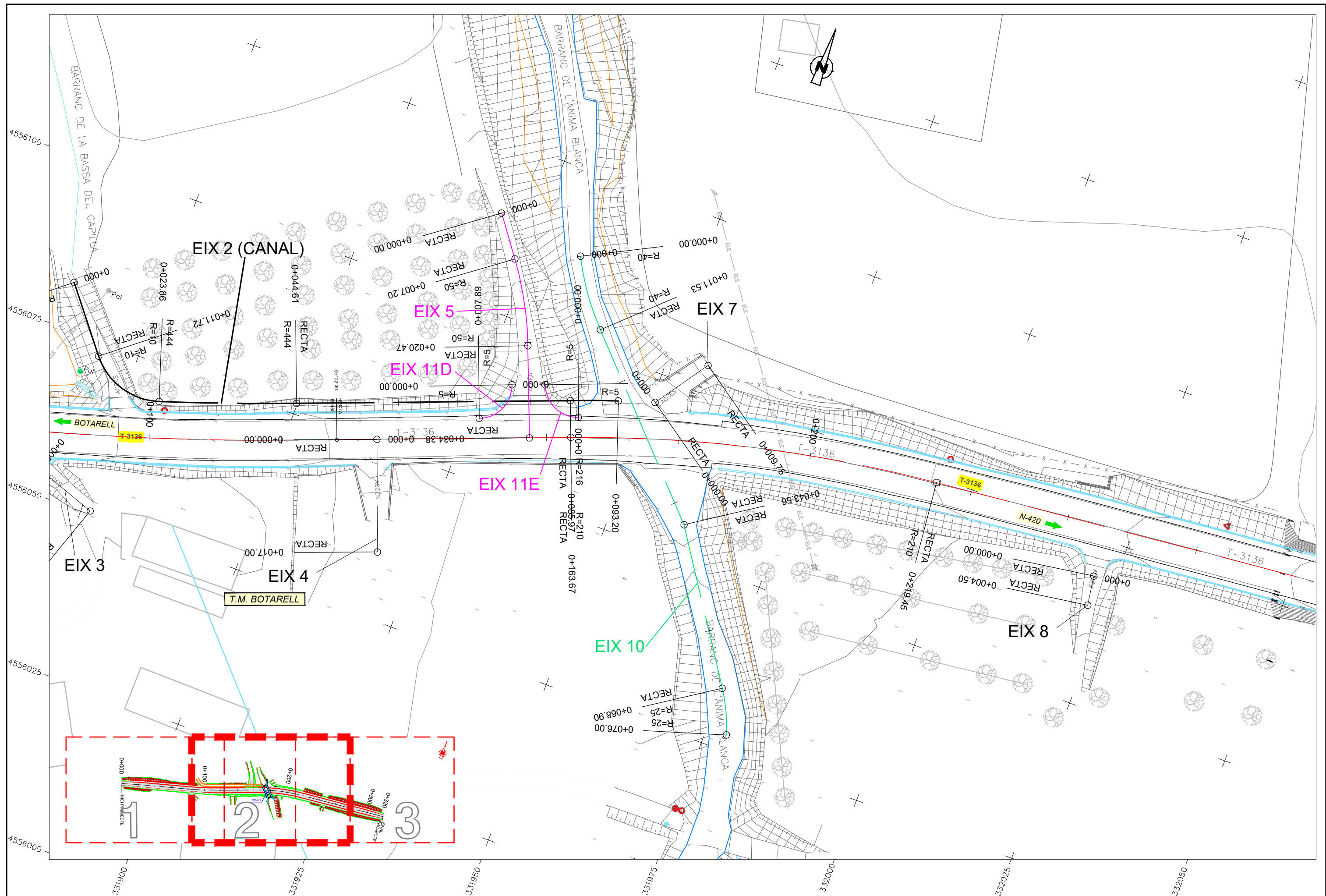


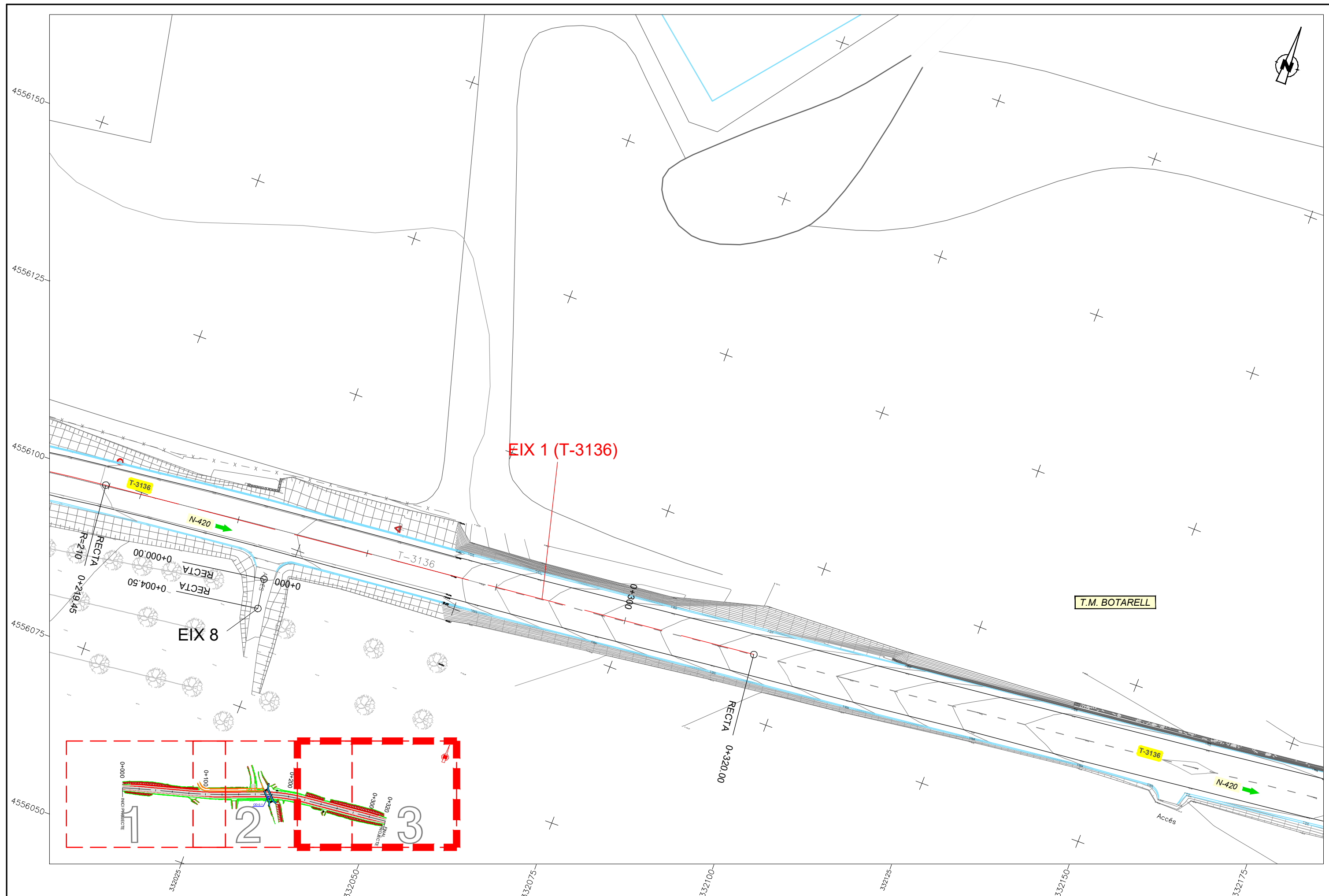




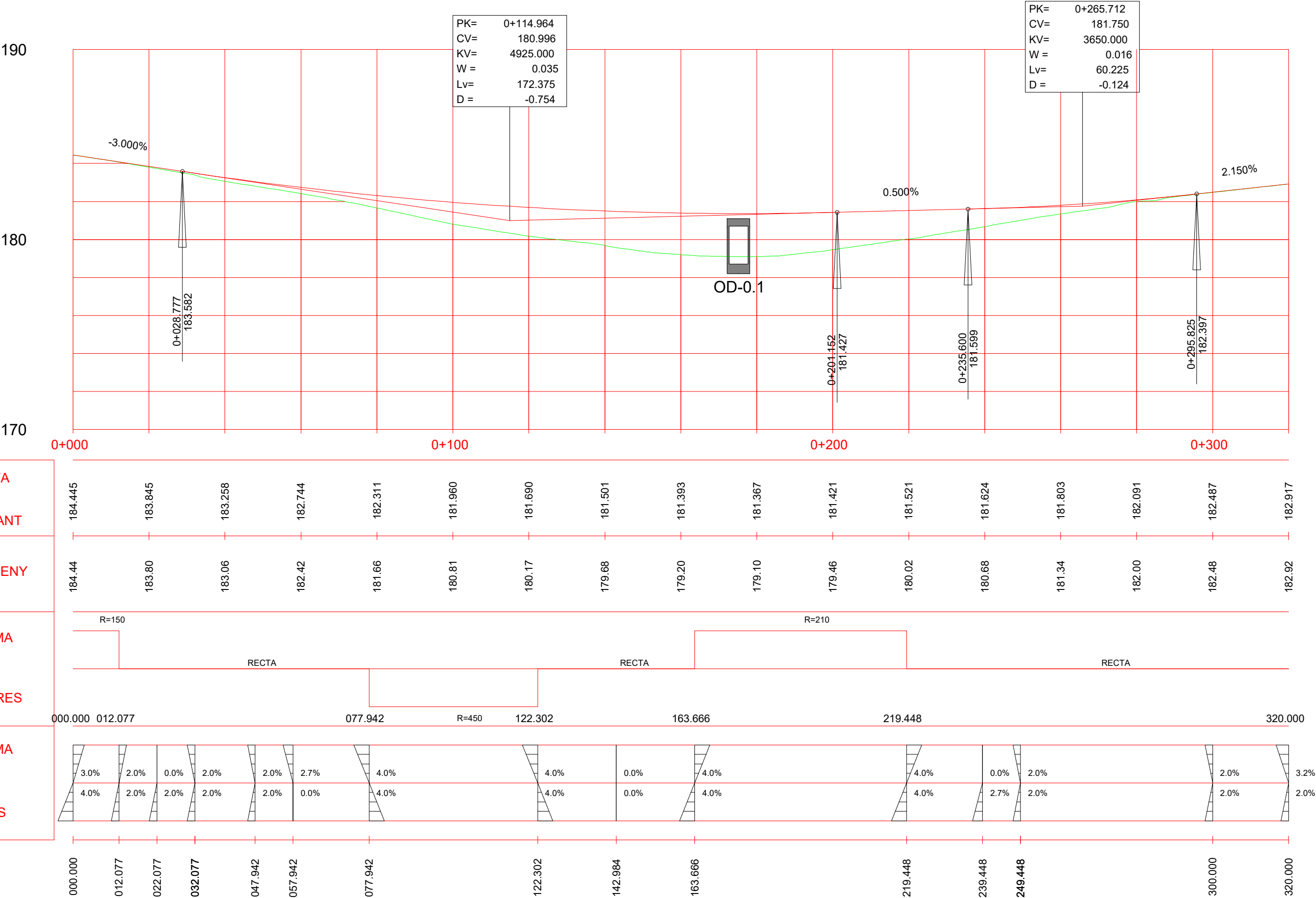




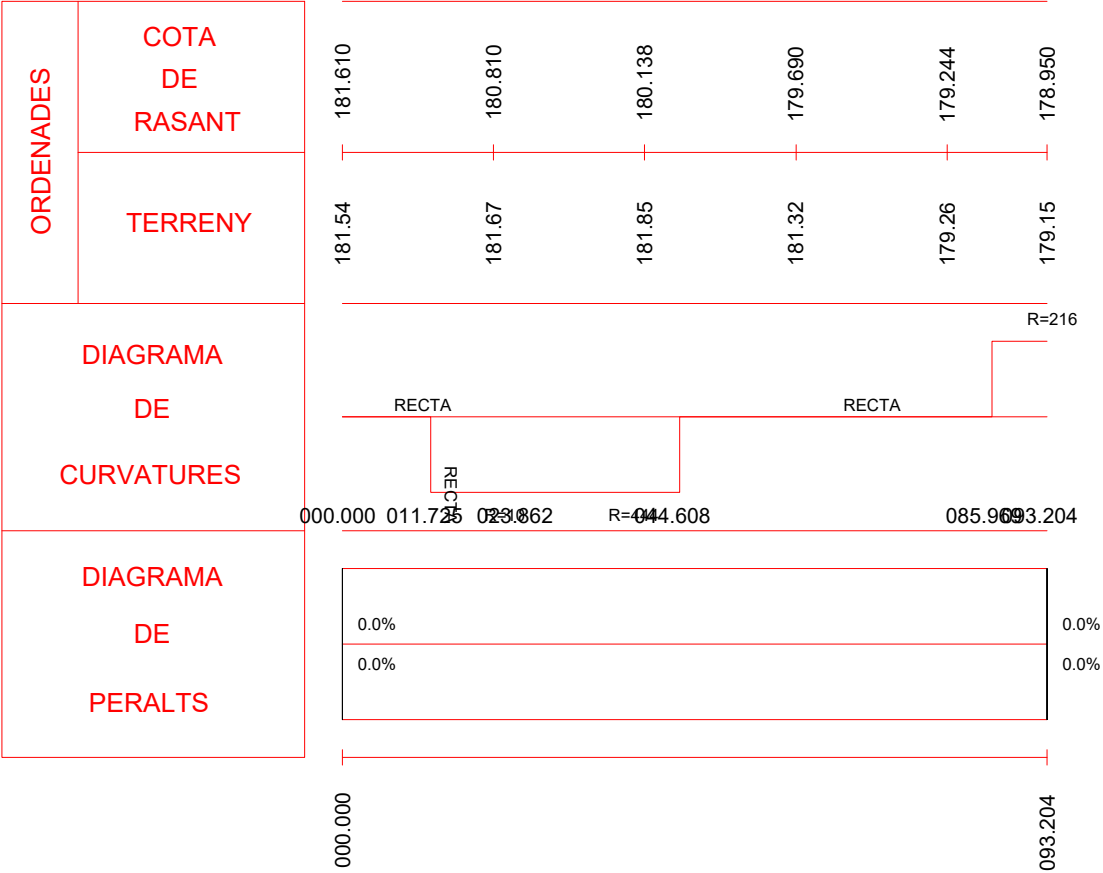
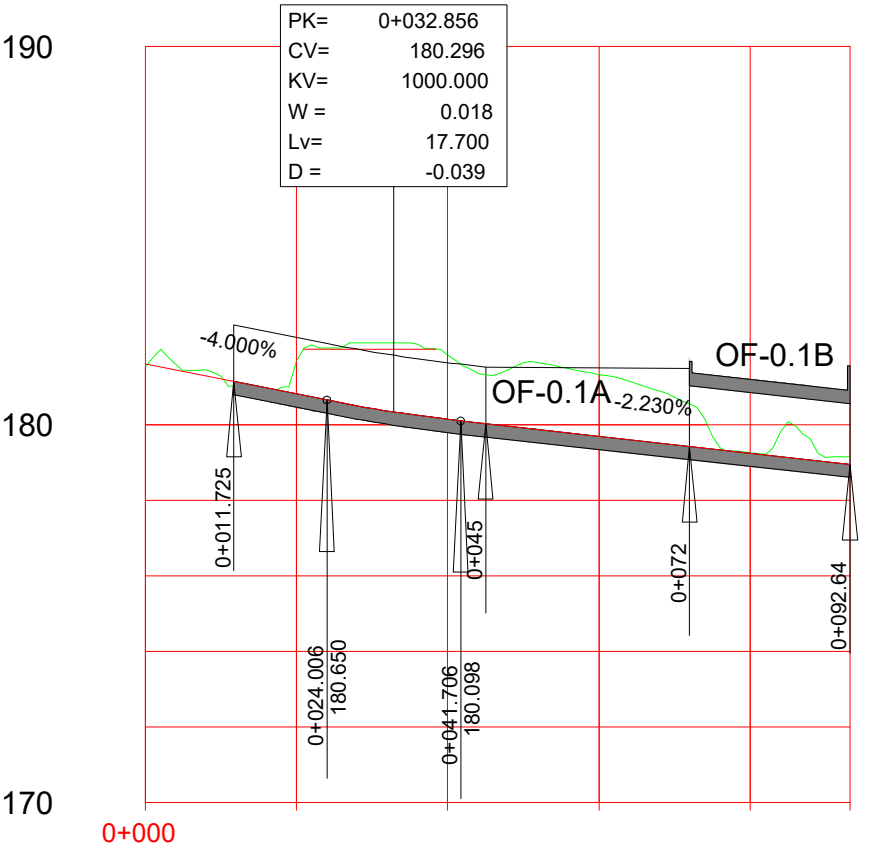




EIX 1 (EIX PRINCIPAL T-3136)



EIX 2 (EIX PEL CANAL)



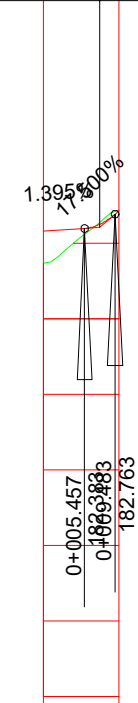
EIX 3

PK=	0+007.470
CV=	182.411
KV=	25.000
W =	0.159
Lv=	4.026
D =	-0.081

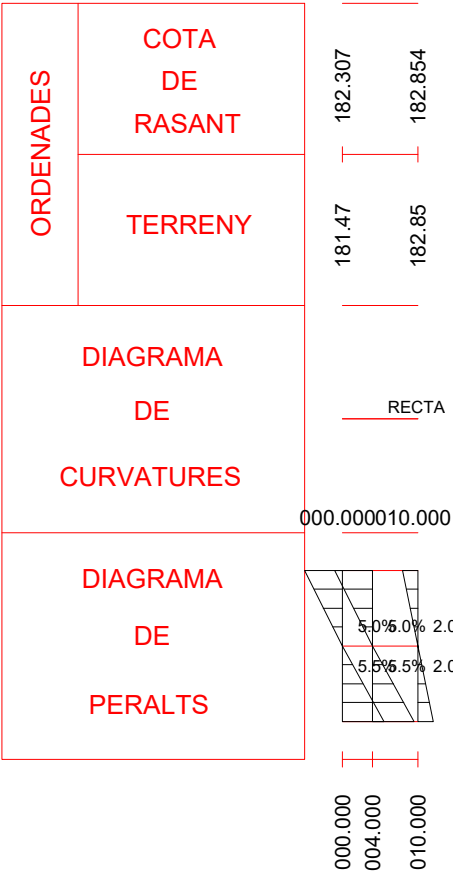
190

180

170



0+000



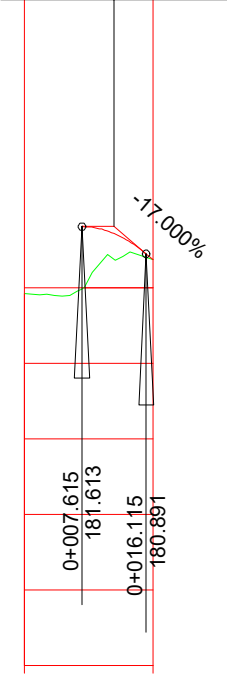
EIX 4

190

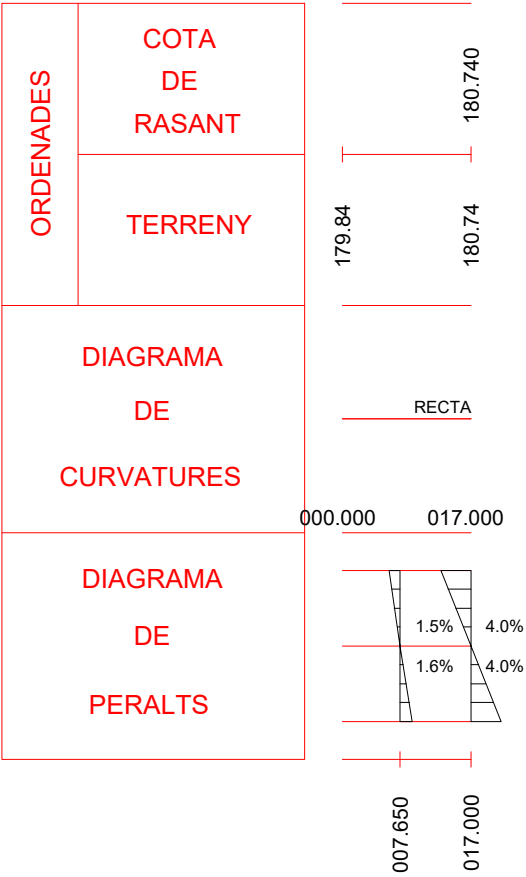
180

170

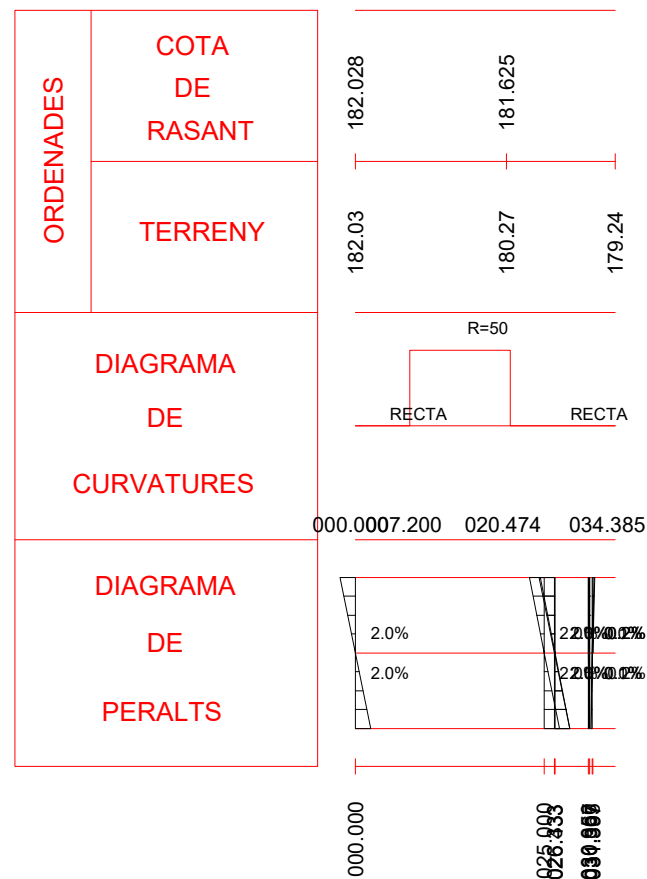
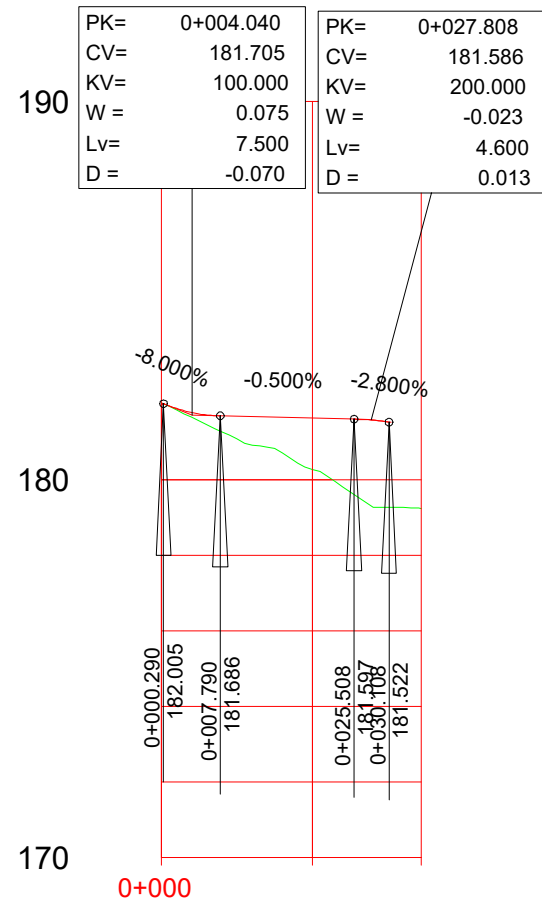
PK=	0+011.865
CV=	181.613
KV=	50.000
W =	-0.168
Lv=	8.500
D =	0.181



0+000



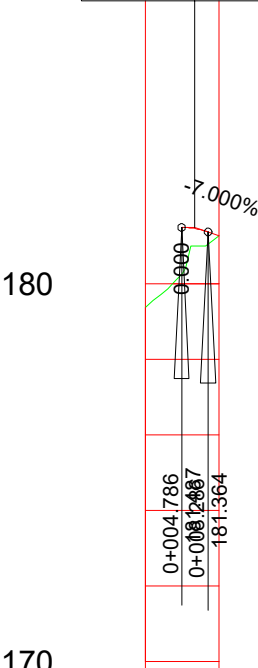
EIX 5 (EIX ACCÈS PER L'ESQUERRA PER SOBRE EL CANAL)



EIX 7

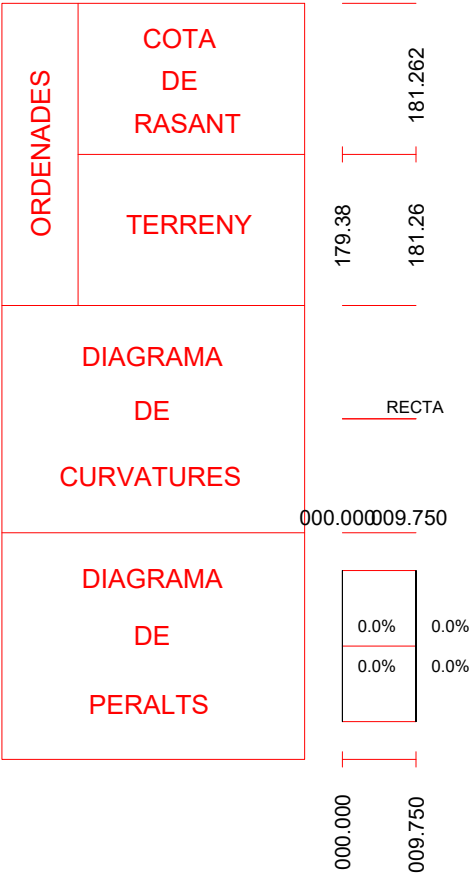
190

PK=	0+006.536
CV=	181.487
KV=	50.000
W =	-0.070
Lv=	3.500
D =	0.031

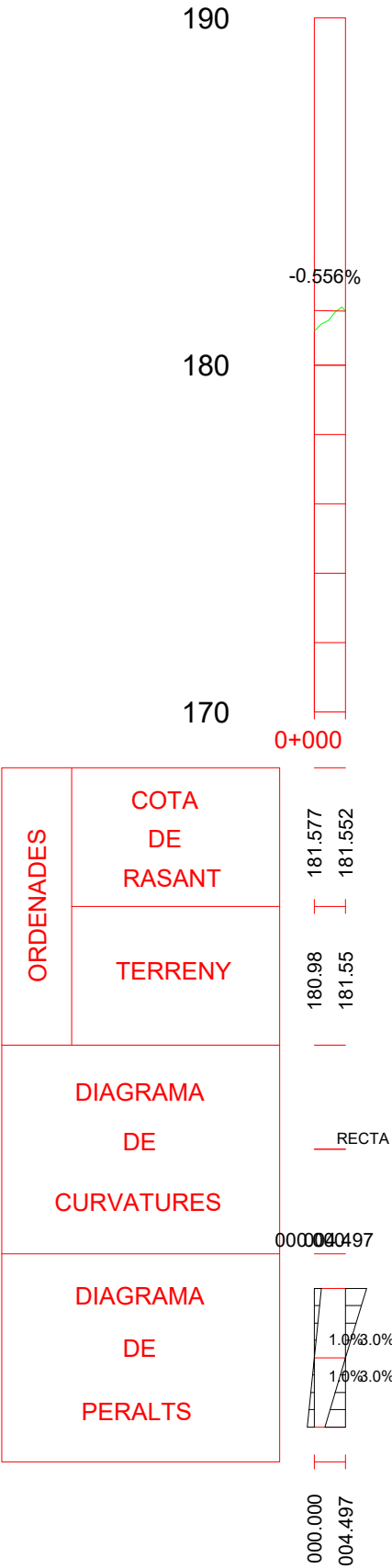


170

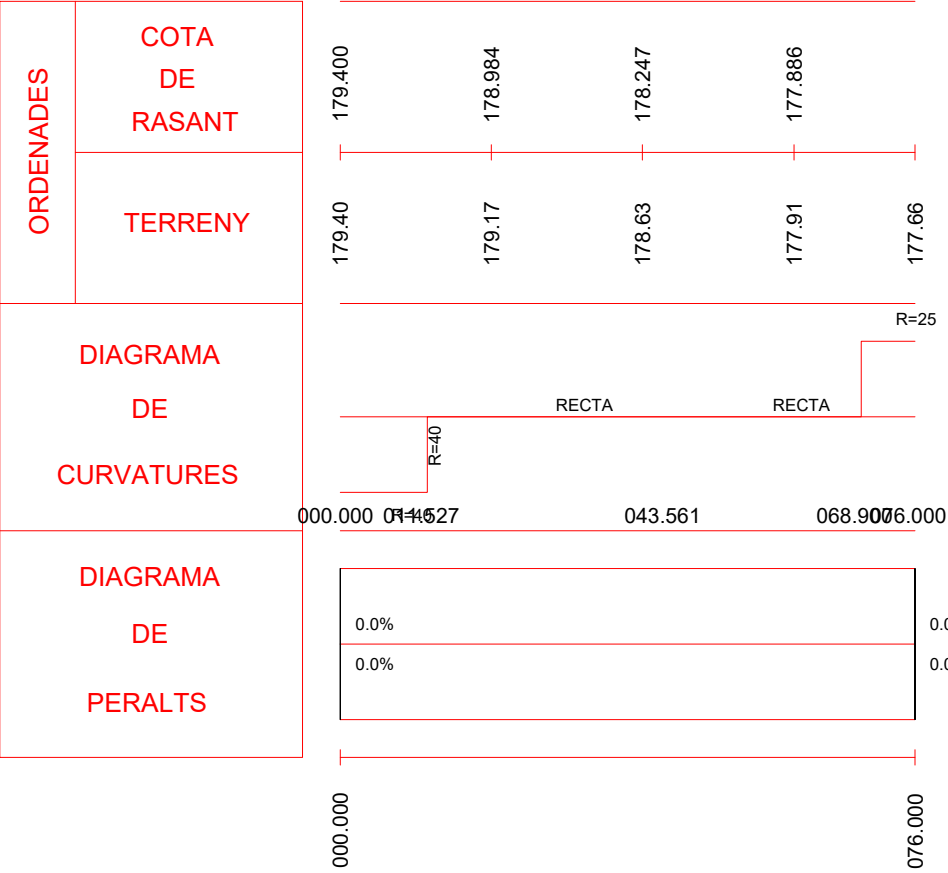
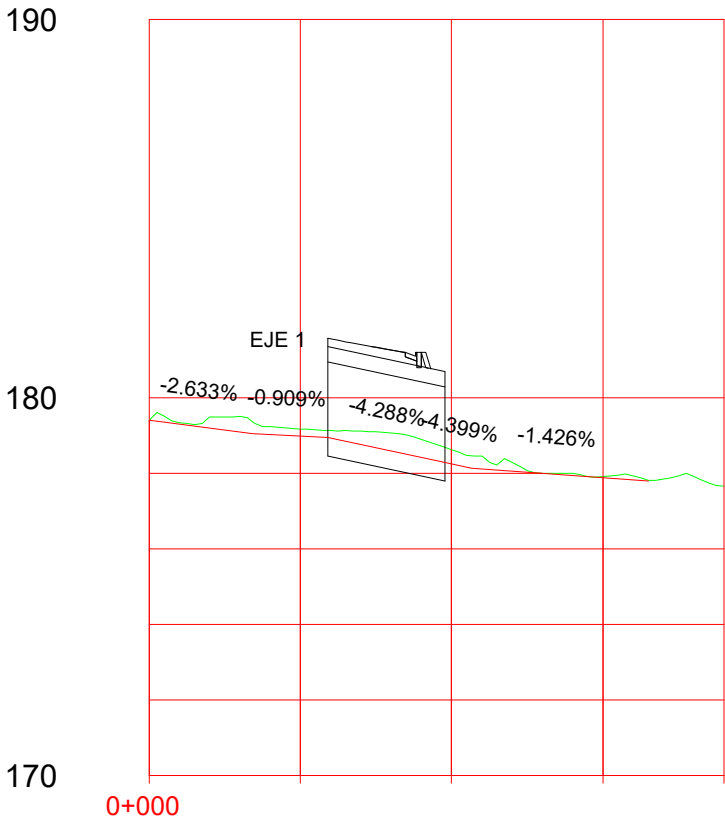
0+000



EIX 8 (EIX ACCÉS FINCA AGRÍCOLA PK 0+248 DRETA)

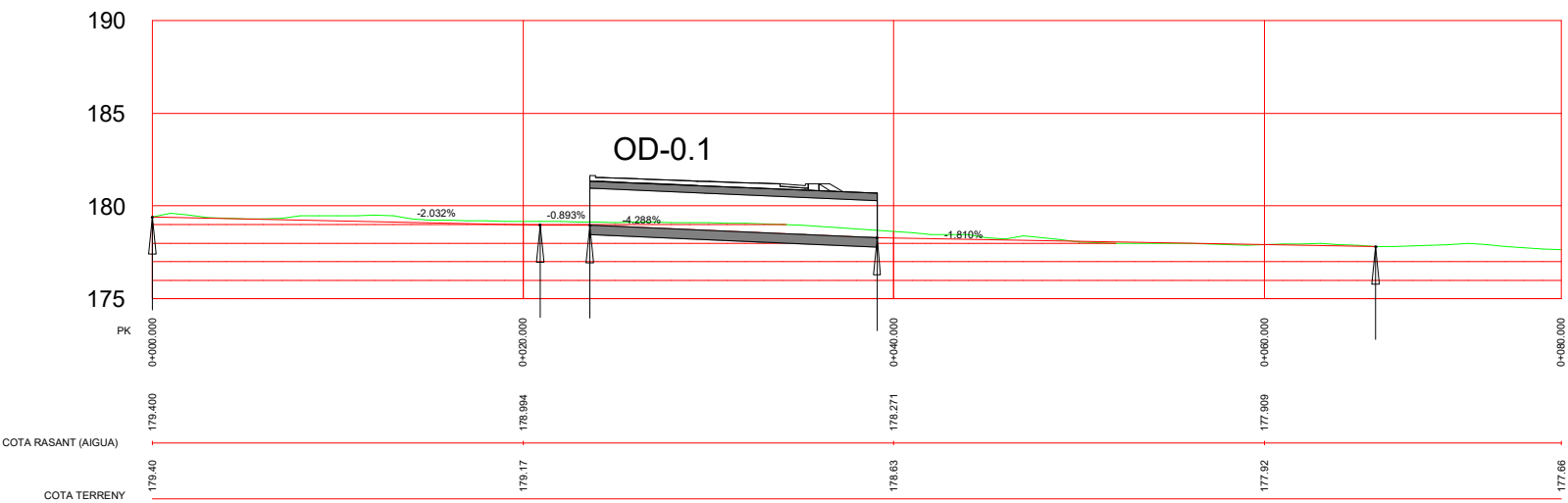


EIX 10 (EIX PER OD-0.1)

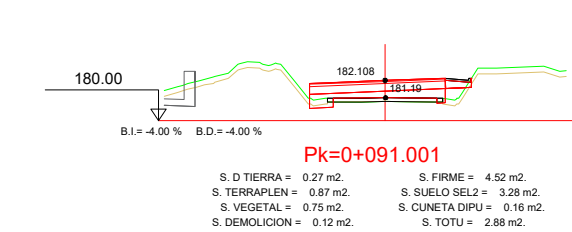


EIX 10 (EIX PER OD-0.1)
SENSE DEFORMACIÓ EN ESCALA VERTICAL

ESCALA 1/1000

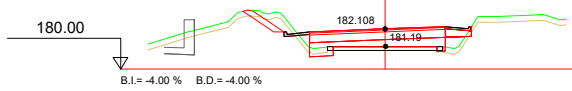






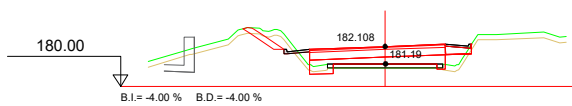
Pk=0+091.001

S. D TIERRA = 0.27 m2.
S. TERRAPLEN = 0.87 m2.
S. VEGETAL = 0.75 m2.
S. DEMOLICION = 0.12 m2.
S. FIRME = 4.52 m2.
S. SUELO SEL2 = 3.28 m2.
S. CUNETA DIPU = 0.16 m2.
S. TOTU = 2.88 m2.
S. BASE = 0.79 m2.
S. TRANSIT = 0.36 m2.
S. Rellenos = 0.49 m2.



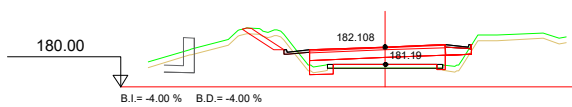
Pk=0+091

S. D TIERRA = 1.28 m2.
S. TERRAPLEN = 1.27 m2.
S. VEGETAL = 1.75 m2.
S. DEMOLICION = 0.12 m2.
S. REVEST DESMON = 0.61 m2.
S. FIRME = 4.52 m2.
S. SUELO SEL2 = 3.28 m2.
REBLERT = 0.00 m2.
S. CUNETA DIPU = 0.33 m2.
S. TOTU = 2.88 m2.
S. BASE = 0.79 m2.
S. TRANSIT = 0.36 m2.
S. Rellenos = 0.49 m2.



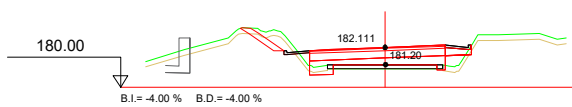
Pk=0+090.999

S. D TIERRA = 1.28 m2.
S. TERRAPLEN = 1.27 m2.
S. VEGETAL = 1.75 m2.
S. DEMOLICION = 0.12 m2.
S. REVEST DESMON = 0.61 m2.
S. FIRME = 4.52 m2.
S. SUELO SEL2 = 3.28 m2.
REBLERT = 0.00 m2.
S. CUNETA DIPU = 0.33 m2.
S. TOTU = 2.88 m2.
S. BASE = 0.79 m2.
S. TRANSIT = 0.36 m2.
S. Rellenos = 0.49 m2.



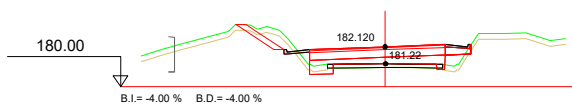
Pk=0+090.990

S. D TIERRA = 1.28 m2.
S. TERRAPLEN = 1.27 m2.
S. VEGETAL = 1.76 m2.
S. DEMOLICION = 0.12 m2.
S. REVEST DESMON = 0.61 m2.
S. FIRME = 4.52 m2.
S. SUELO SEL2 = 3.28 m2.
REBLERT = 0.00 m2.
S. CUNETA DIPU = 0.33 m2.
S. TOTU = 2.88 m2.
S. BASE = 0.79 m2.
S. TRANSIT = 0.36 m2.
S. Rellenos = 0.49 m2.



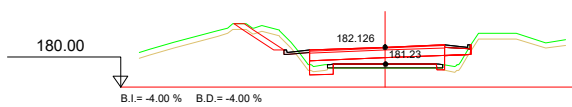
Pk=0+090.840

S. D TIERRA = 1.34 m2.
S. TERRAPLEN = 1.26 m2.
S. VEGETAL = 1.78 m2.
S. DEMOLICION = 0.12 m2.
S. REVEST DESMON = 0.65 m2.
S. FIRME = 4.52 m2.
S. SUELO SEL2 = 3.25 m2.
REBLERT = 0.00 m2.
S. CUNETA DIPU = 0.33 m2.
S. TOTU = 2.87 m2.
S. BASE = 0.79 m2.
S. TRANSIT = 0.36 m2.
S. Rellenos = 0.49 m2.



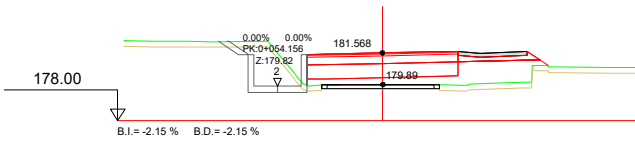
Pk=0+090.340

S. D TIERRA = 1.50 m2.
S. TERRAPLEN = 1.24 m2.
S. VEGETAL = 1.84 m2.
S. DEMOLICION = 0.12 m2.
S. REVEST DESMON = 0.72 m2.
S. FIRME = 4.51 m2.
S. SUELO SEL2 = 3.17 m2.
REBLERT = 0.00 m2.
S. CUNETA DIPU = 0.33 m2.
S. TOTU = 2.86 m2.
S. BASE = 0.79 m2.
S. TRANSIT = 0.36 m2.
S. Rellenos = 0.49 m2.



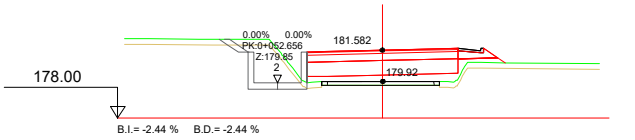
Pk=0+090

S. D TIERRA = 1.58 m2.
S. TERRAPLEN = 1.23 m2.
S. VEGETAL = 1.87 m2.
S. DEMOLICION = 0.12 m2.
S. REVEST DESMON = 0.76 m2.
S. FIRME = 4.51 m2.
S. SUELO SEL2 = 3.11 m2.
REBLERT = 0.00 m2.
S. CUNETA DIPU = 0.33 m2.
S. TOTU = 2.86 m2.
S. BASE = 0.79 m2.
S. TRANSIT = 0.36 m2.
S. Rellenos = 0.50 m2.



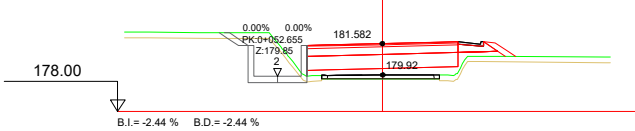
Pk=0+131.850

S. TERRAPLEN = 9.80 m2.
S. VEGETAL = 1.95 m2.
S. FIRME = 5.60 m2.
S. SUELO SEL2 = 6.00 m2.
S. CUNETA DIPU = 0.73 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 1.12 m2.



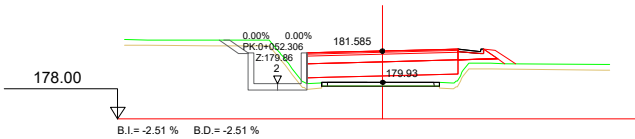
Pk=0+130.350

S. TERRAPLEN = 4.85 m2.
S. VEGETAL = 1.28 m2.
S. FIRME = 5.18 m2.
S. SUELO SEL2 = 6.00 m2.
S. CUNETA DIPU = 0.16 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.70 m2.



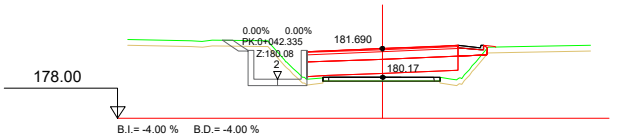
Pk=0+130.349

S. TERRAPLEN = 4.85 m2.
S. REV EXT TERR = 0.40 m2.
S. VEGETAL = 1.28 m2.
S. FIRME = 5.18 m2.
S. SUELO SEL2 = 6.00 m2.
S. CUNETA DIPU = 0.16 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.70 m2.



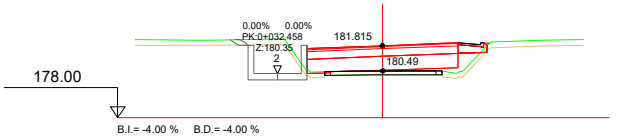
Pk=0+130

S. TERRAPLEN = 4.82 m2.
S. REV EXT TERR = 0.40 m2.
S. VEGETAL = 1.27 m2.
S. FIRME = 5.18 m2.
S. SUELO SEL2 = 6.00 m2.
S. CUNETA DIPU = 0.16 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.69 m2.



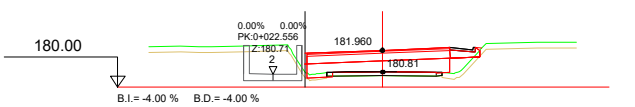
Pk=0+120

S. D TIERRA = 0.00 m2.
S. TERRAPLEN = 3.60 m2.
S. REV EXT TERR = 0.03 m2.
S. VEGETAL = 1.01 m2.
S. FIRME = 5.05 m2.
S. SUELO SEL2 = 6.00 m2.
S. CUNETA DIPU = 0.16 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.56 m2.



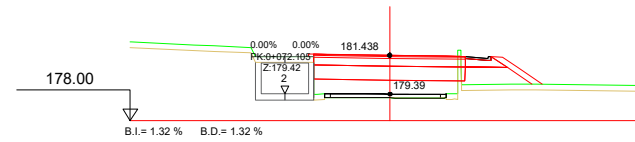
Pk=0+110

S. D TIERRA = 0.00 m2.
S. TERRAPLEN = 2.04 m2.
S. REV EXT TERR = 0.02 m2.
S. VEGETAL = 1.01 m2.
S. FRESADO = 0.02 m2.
S. FIRME = 5.05 m2.
S. SUELO SEL2 = 5.93 m2.
S. CUNETA DIPU = 0.16 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.56 m2.



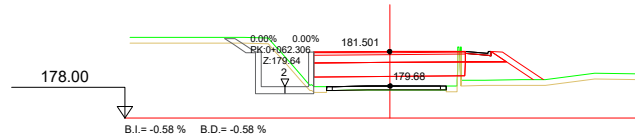
Pk=0+100

S. D TIERRA = 0.02 m2.
S. TERRAPLEN = 1.40 m2.
S. REV EXT TERR = 0.02 m2.
S. VEGETAL = 0.94 m2.
S. FRESADO = 0.01 m2.
S. DEMOLICION = 0.06 m2.
S. FIRME = 4.86 m2.
S. SUELO SEL2 = 4.83 m2.
S. CUNETA DIPU = 0.16 m2.
S. TOTU = 3.03 m2.
S. BASE = 0.83 m2.
S. TRANSIT = 0.38 m2.
S. Rellenos = 0.62 m2.



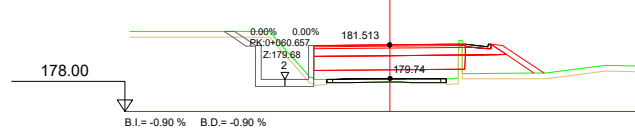
Pk=0+149.799

S. D TIERRA = 0.25 m2.
S. TERRAPLEN = 9.72 m2.
S. REV EXT TERR = 0.82 m2.
S. VEGETAL = 1.53 m2.
S. FIRME = 5.27 m2.
S. SUELO SEL2 = 6.00 m2.
S. CUNETA DIPU = 0.16 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.78 m2.



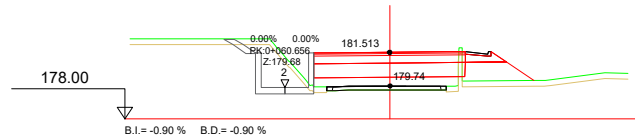
Pk=0+140

S. D TIERRA = 0.14 m2.
S. TERRAPLEN = 8.32 m2.
S. REV EXT TERR = 0.80 m2.
S. VEGETAL = 1.58 m2.
S. FIRME = 5.22 m2.
S. SUELO SEL2 = 6.00 m2.
S. CUNETA DIPU = 0.16 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.74 m2.



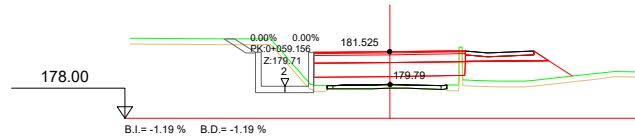
Pk=0+138.351

S. D TIERRA = 0.23 m2.
S. TERRAPLEN = 8.08 m2.
S. REV EXT TERR = 0.81 m2.
S. VEGETAL = 1.59 m2.
S. FIRME = 5.21 m2.
S. SUELO SEL2 = 6.00 m2.
S. CUNETA DIPU = 0.16 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.73 m2.



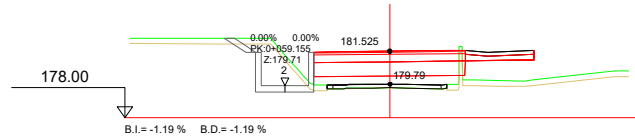
Pk=0+138.350

S. D TIERRA = 0.23 m2.
S. TERRAPLEN = 8.08 m2.
S. VEGETAL = 1.59 m2.
S. FIRME = 5.21 m2.
S. SUELO SEL2 = 6.00 m2.
S. GUAL DIPU = 0.73 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.73 m2.



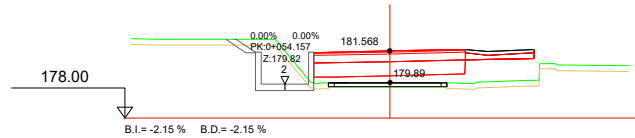
Pk=0+136.850

S. D TIERRA = 0.22 m2.
S. TERRAPLEN = 10.86 m2.
S. VEGETAL = 2.20 m2.
S. FIRME = 5.69 m2.
S. SUELO SEL2 = 6.00 m2.
S. GUAL DIPU = 0.73 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 1.21 m2.



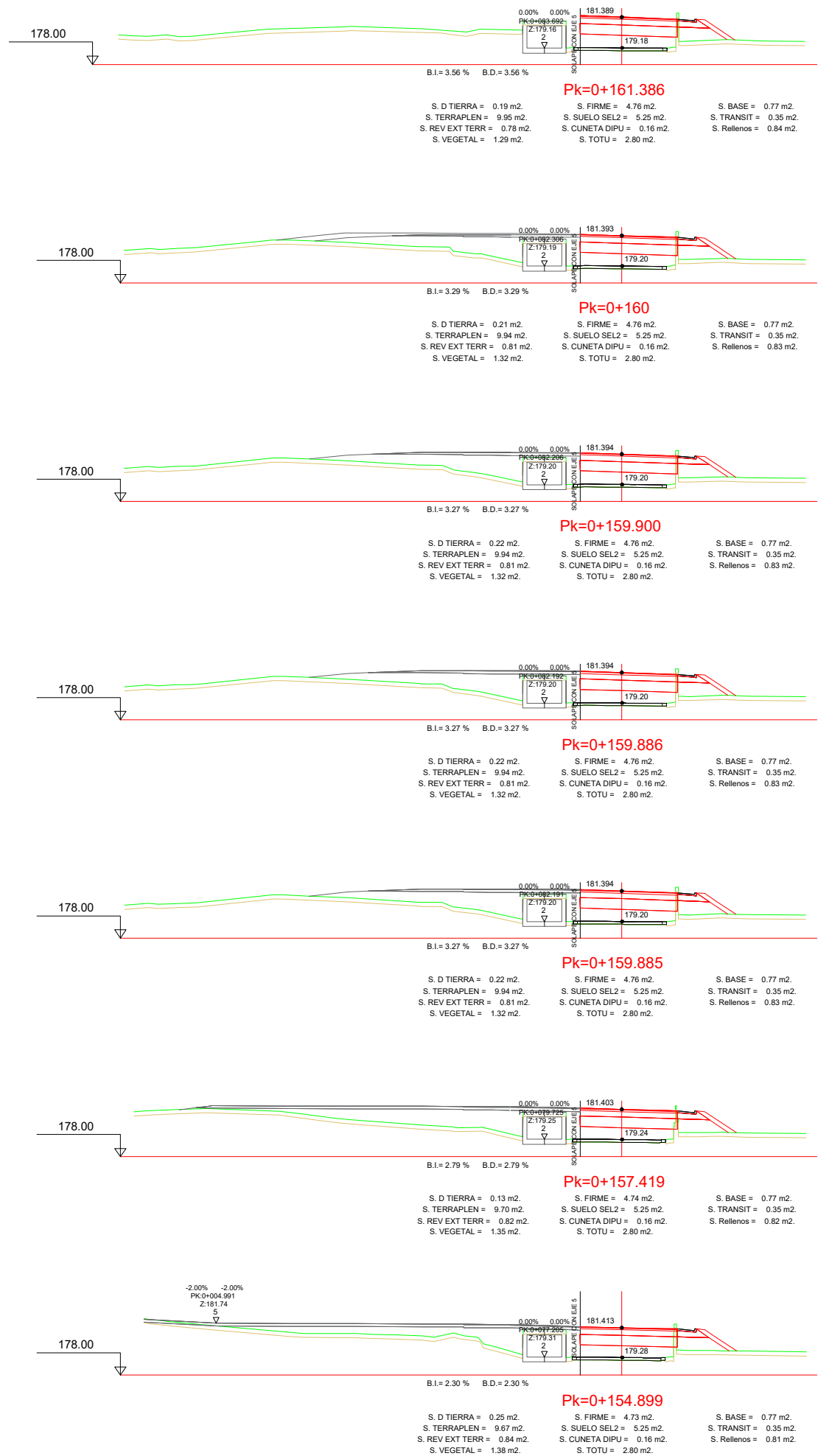
Pk=0+136.849

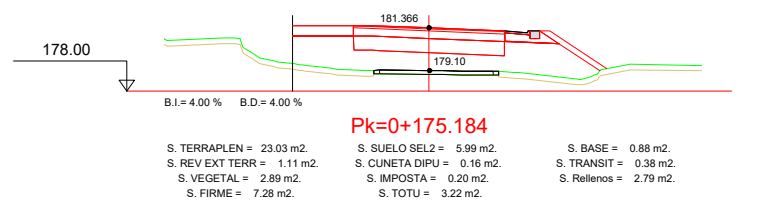
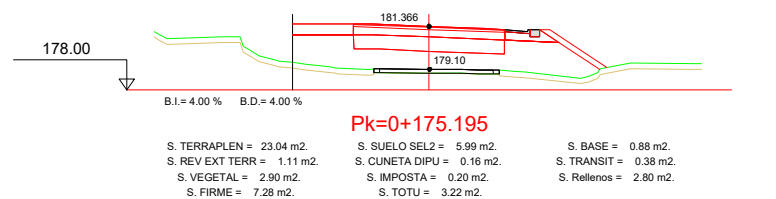
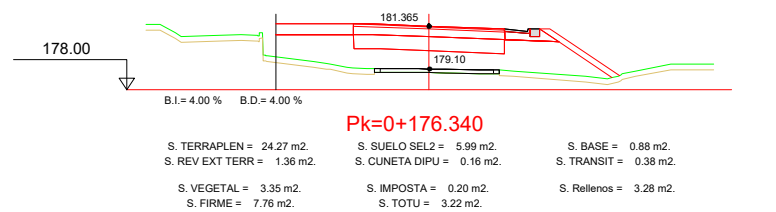
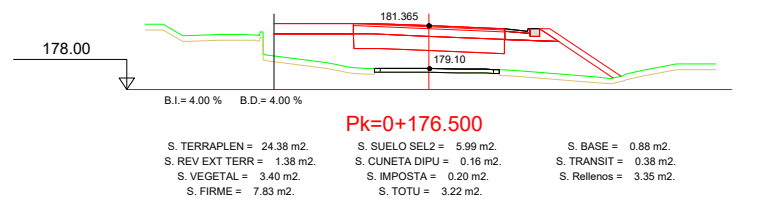
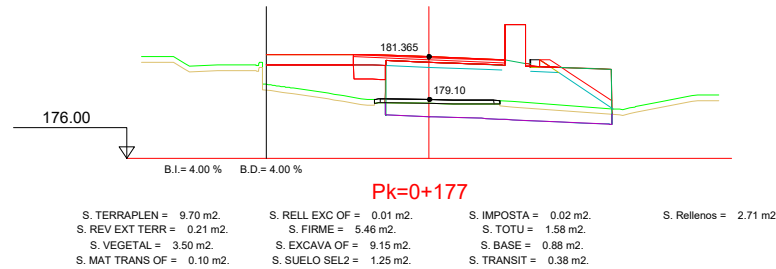
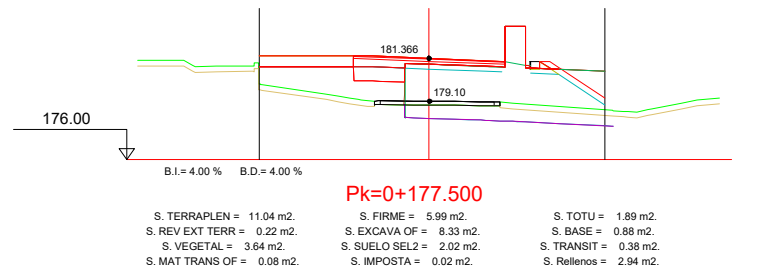
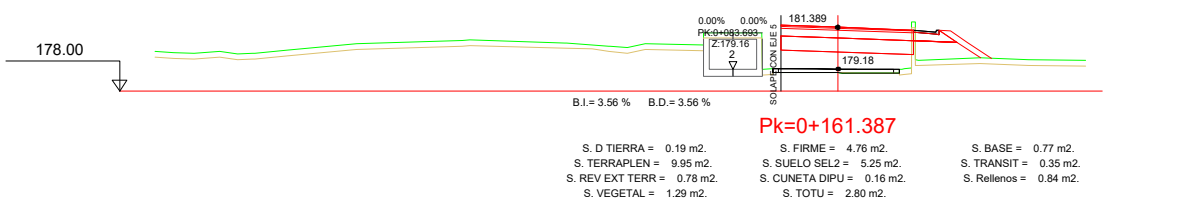
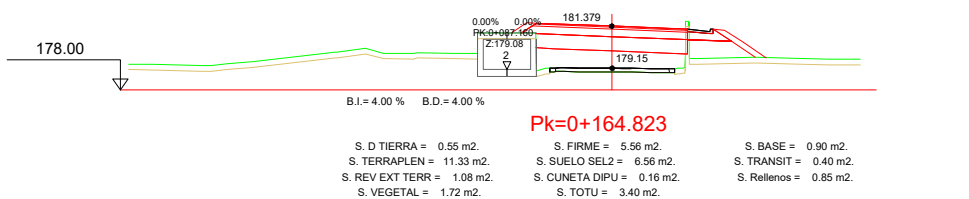
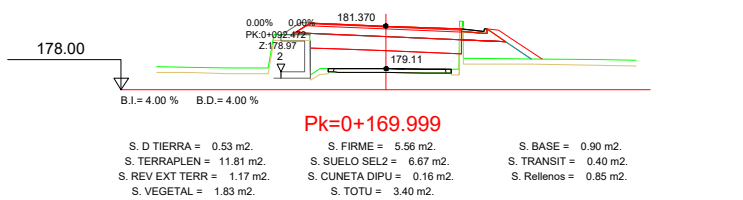
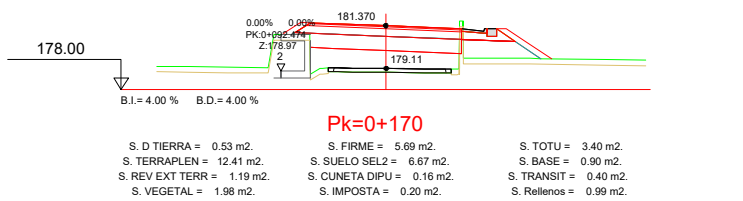
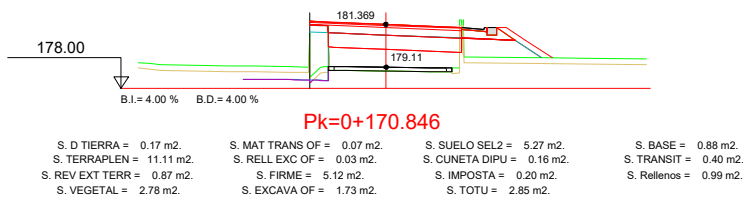
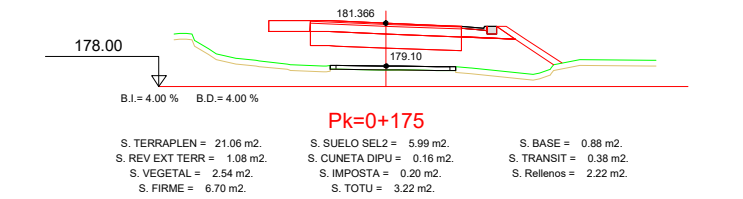
S. D TIERRA = 0.22 m2.
S. TERRAPLEN = 8.88 m2.
S. VEGETAL = 1.60 m2.
S. FIRME = 4.74 m2.
S. SUELO SEL2 = 6.00 m2.
REBLERT = 0.75 m2.
S. GUAL DIPU = 0.73 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.26 m2.

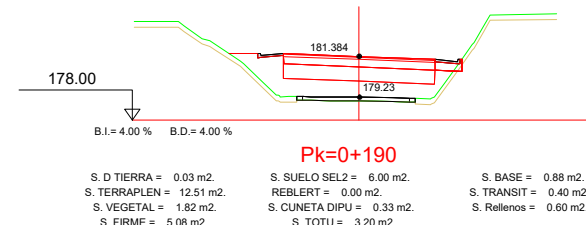
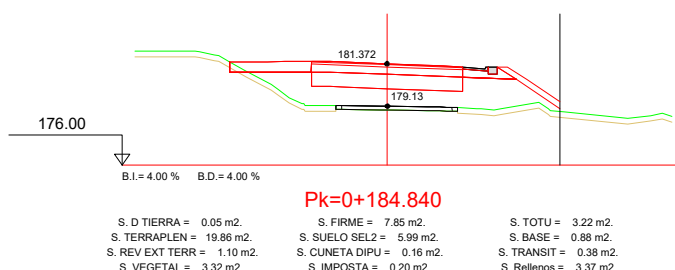
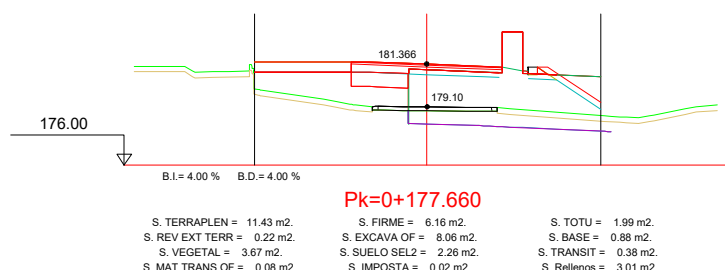
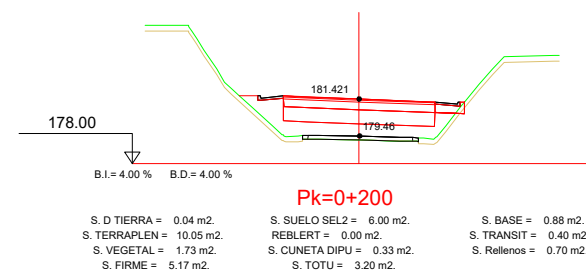
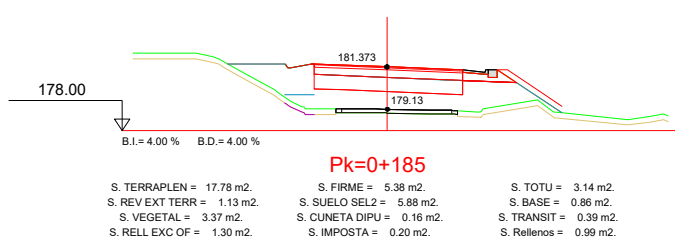
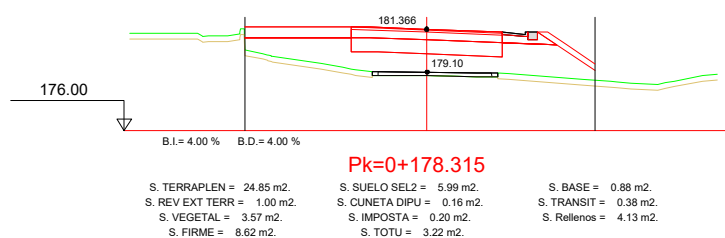
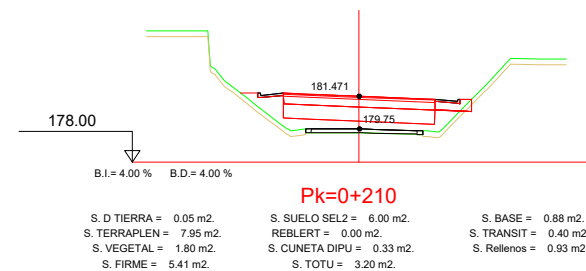
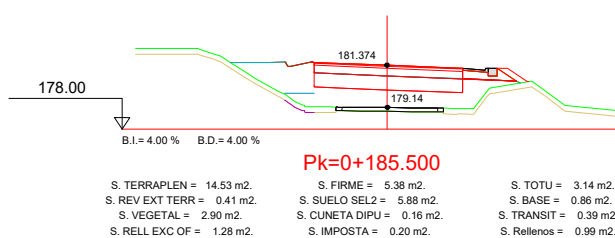
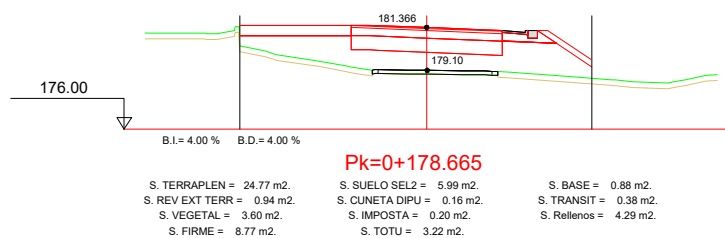
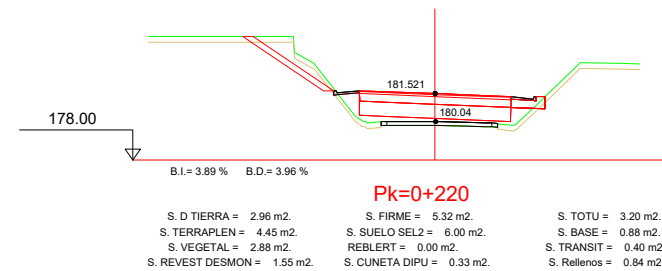
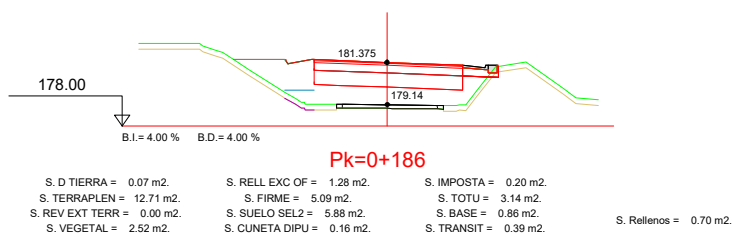
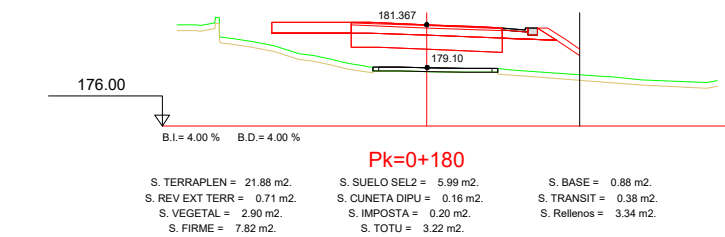
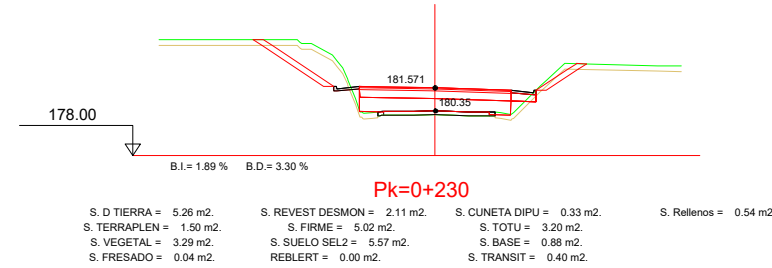
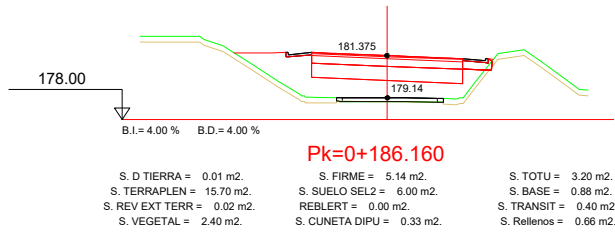
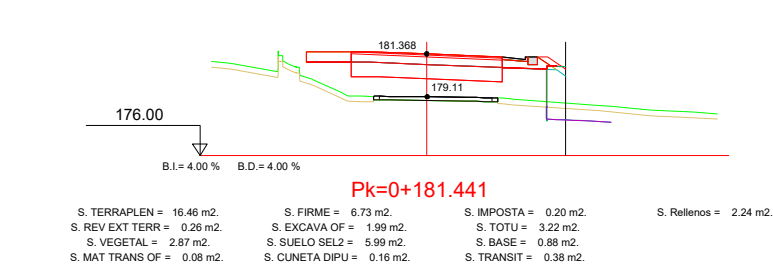


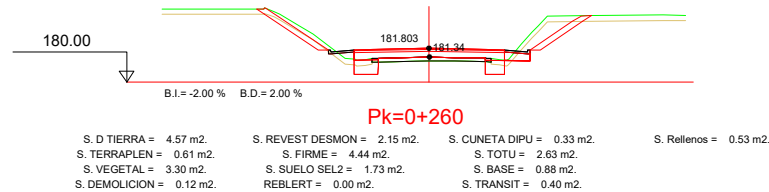
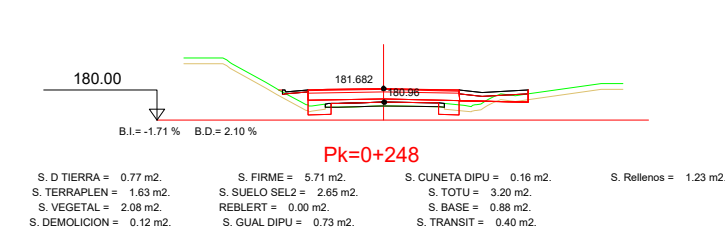
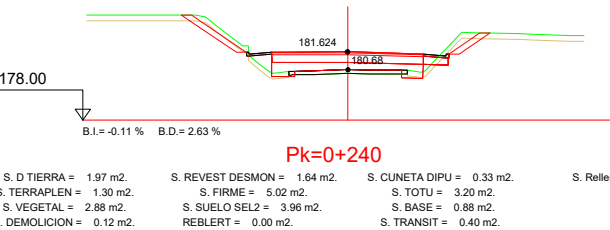
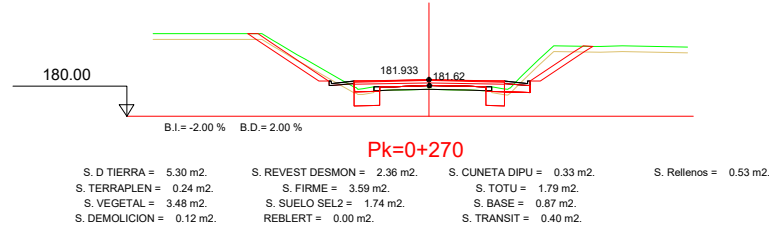
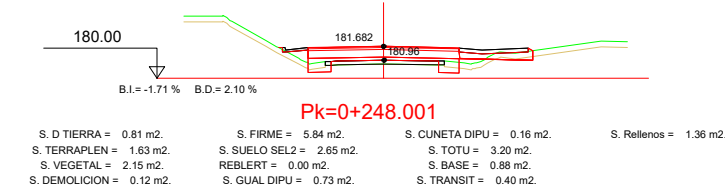
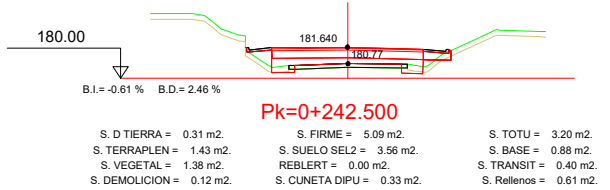
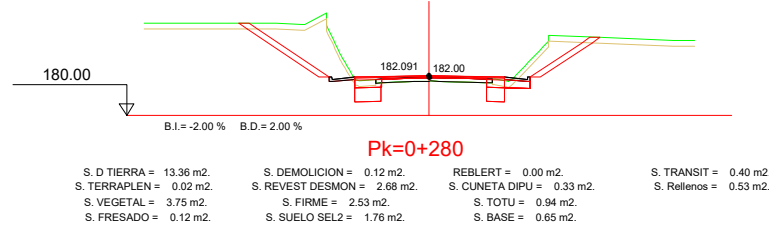
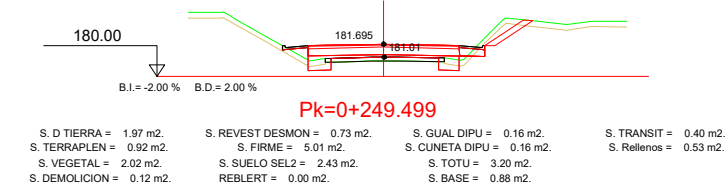
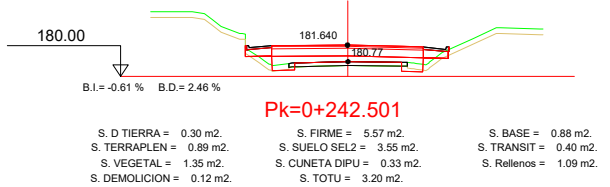
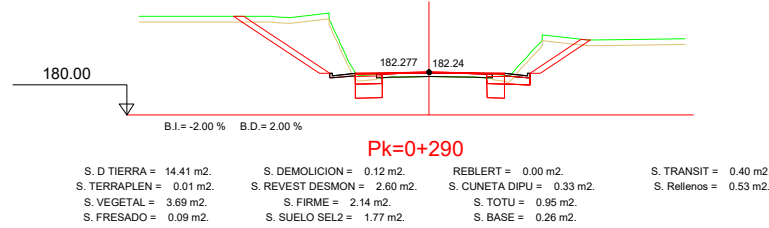
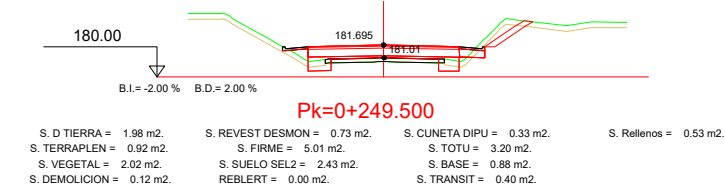
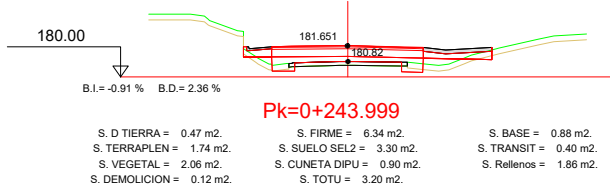
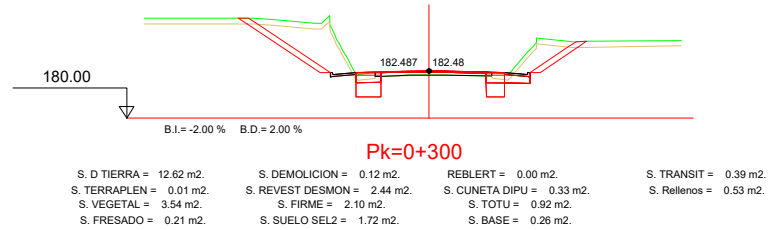
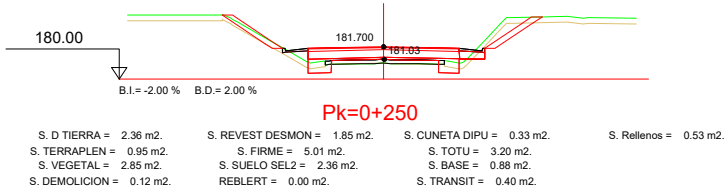
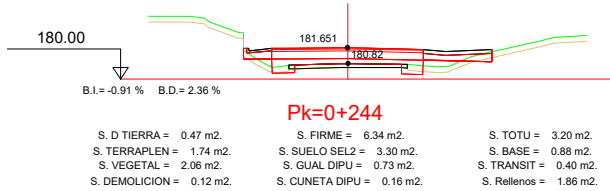
Pk=0+131.851

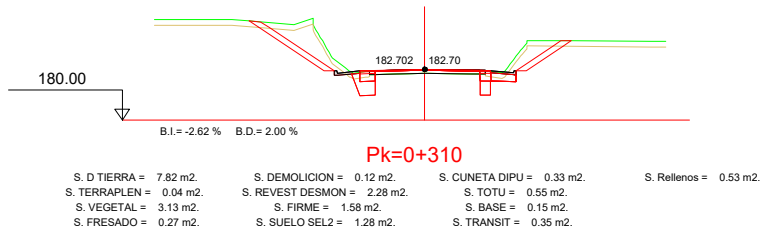
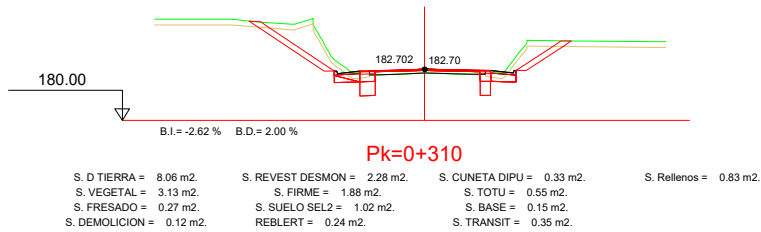
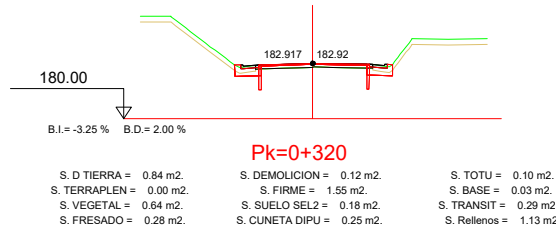
S. TERRAPLEN = 8.99 m2.
S. VEGETAL = 1.62 m2.
S. FIRME = 4.74 m2.
S. SUELO SEL2 = 6.00 m2.
REBLERT = 0.69 m2.
S. GUAL DIPU = 0.73 m2.
S. TOTU = 3.20 m2.
S. BASE = 0.88 m2.
S. TRANSIT = 0.40 m2.
S. Rellenos = 0.26 m2.

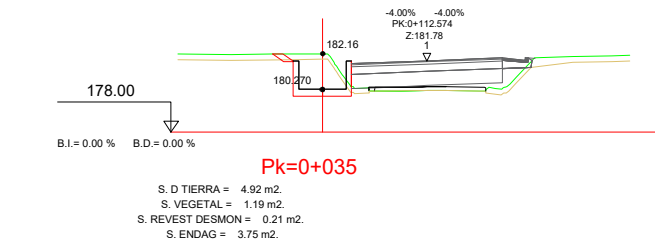
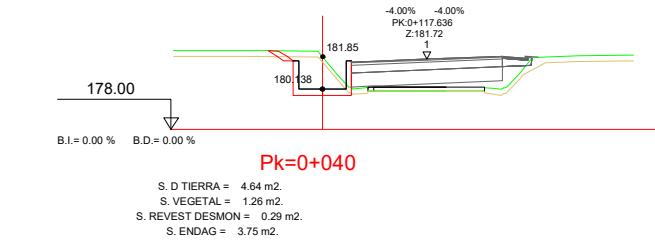
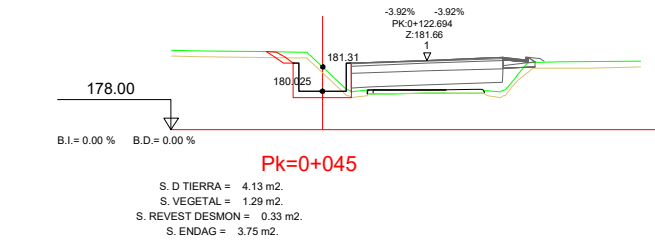
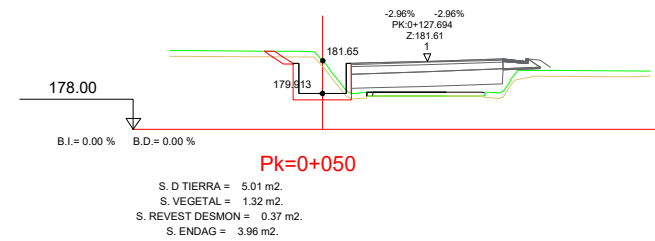
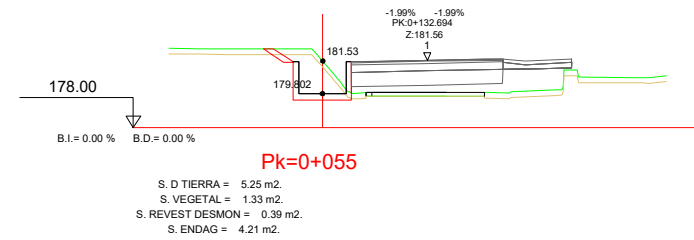
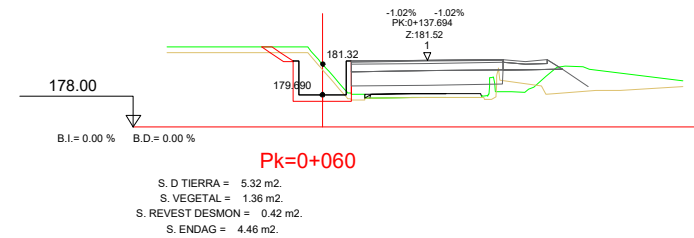
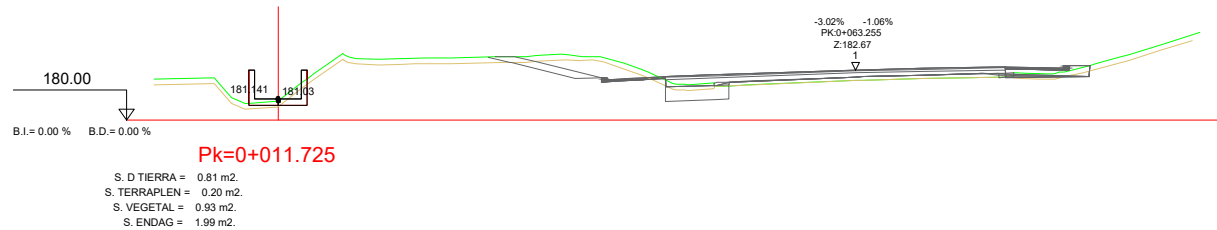
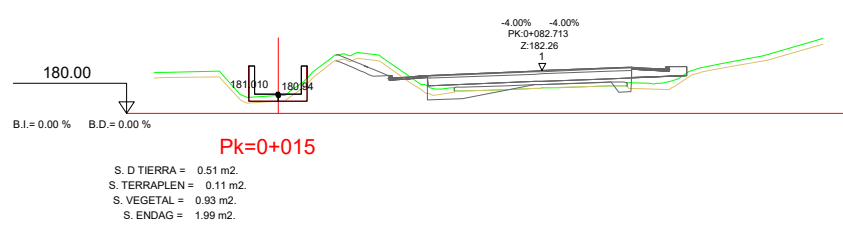
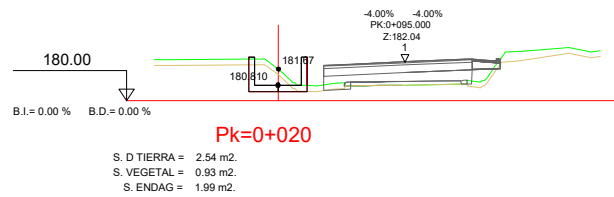
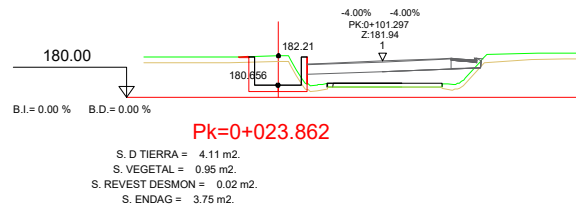
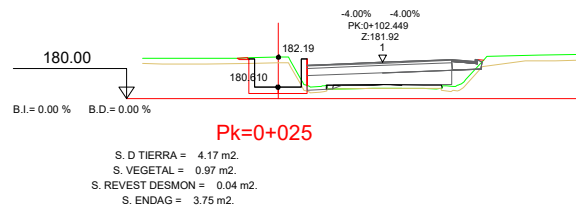
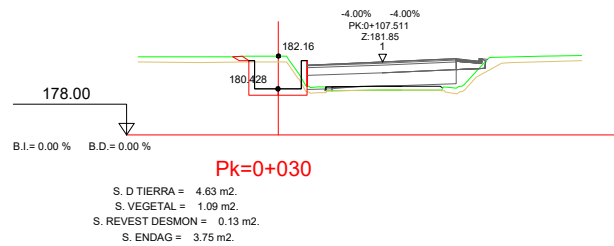


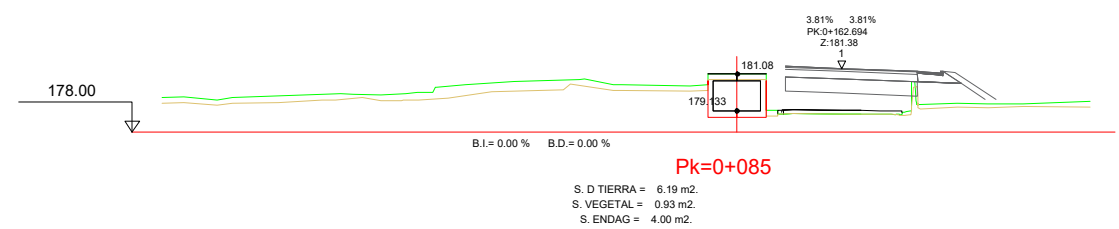
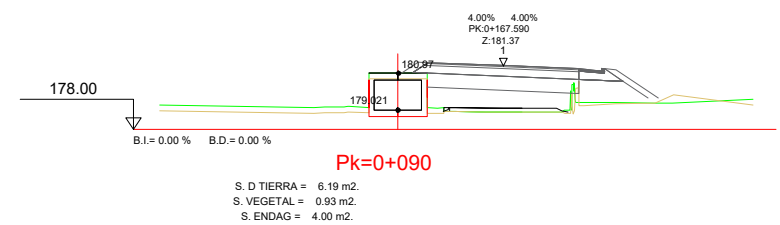
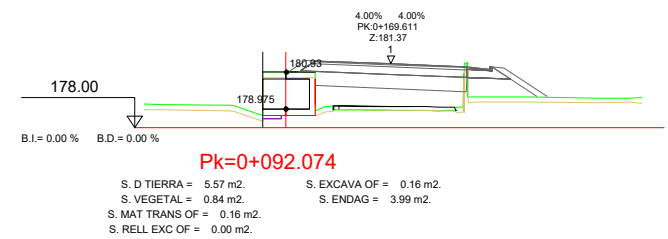
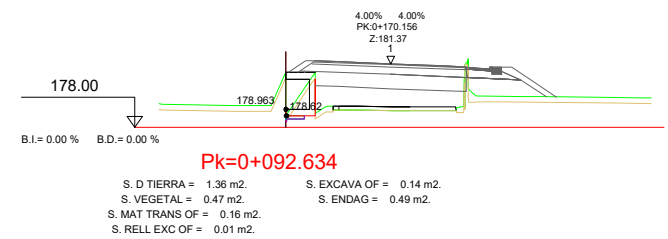
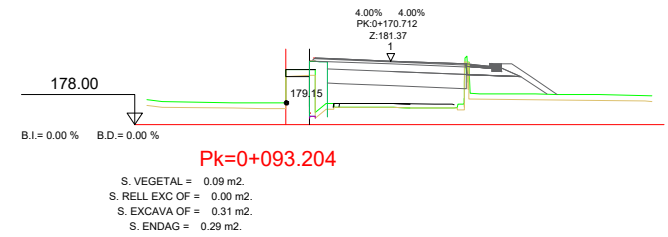
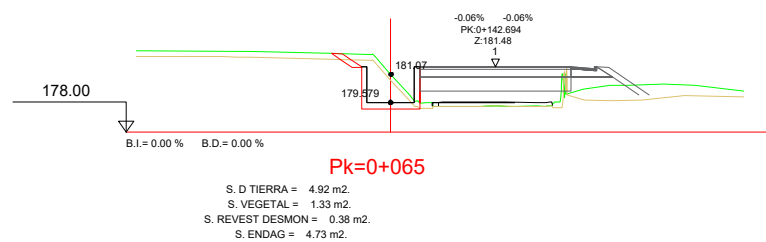
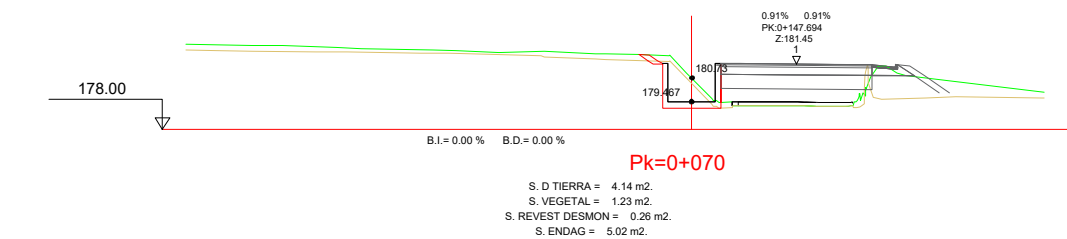
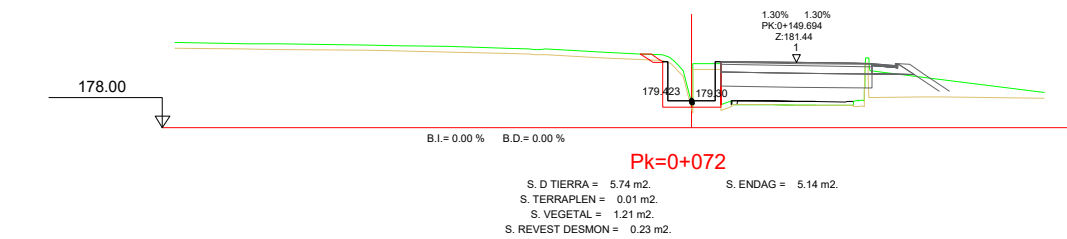
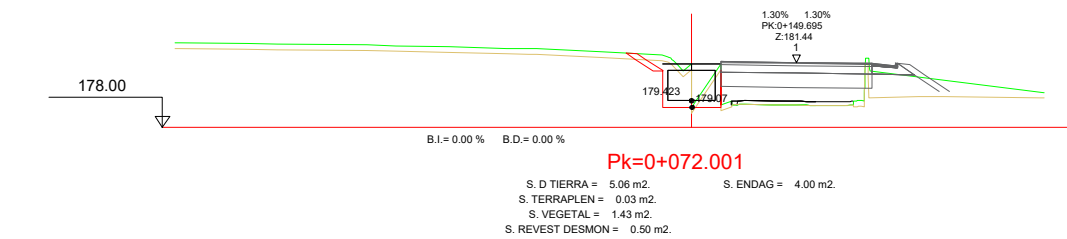
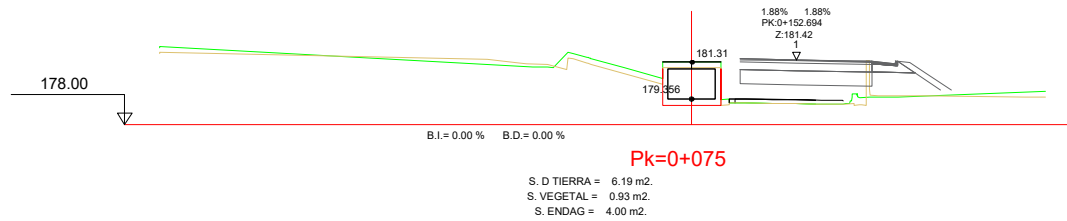
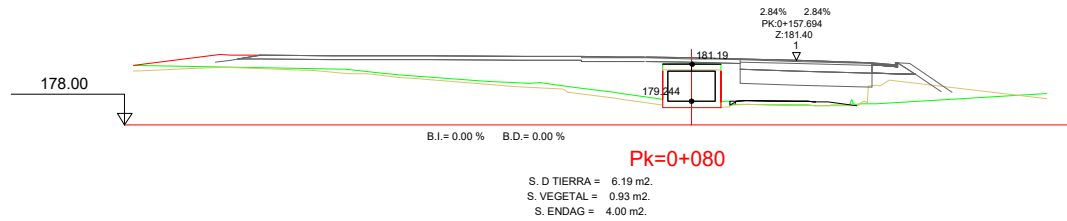


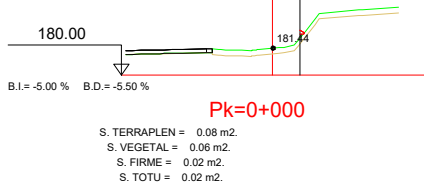
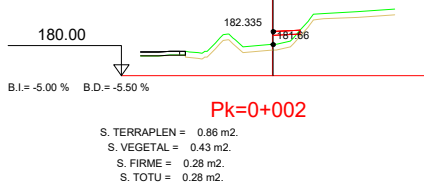
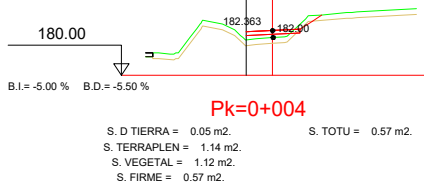
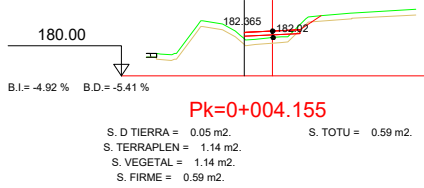
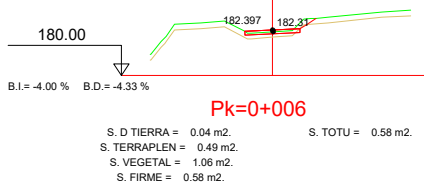
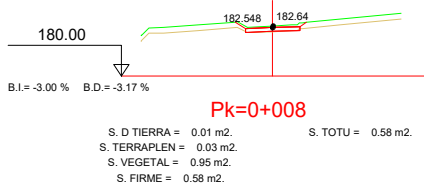
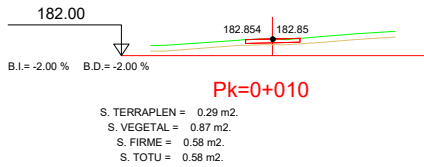


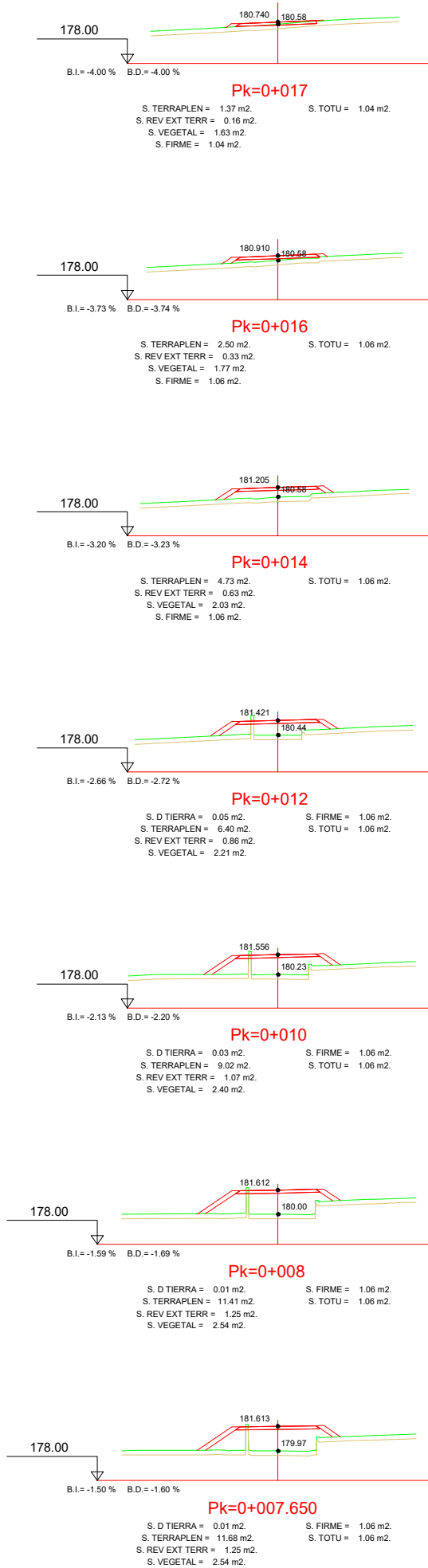


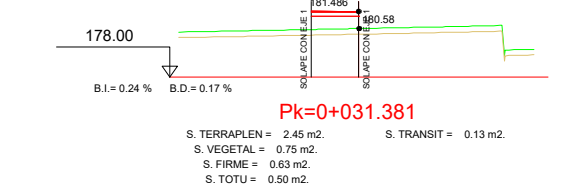
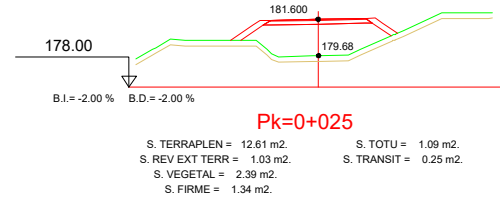
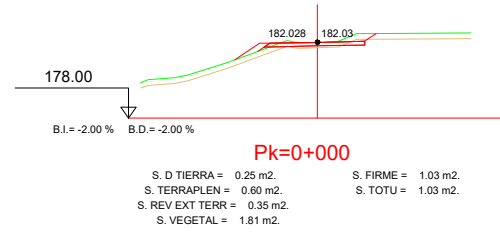
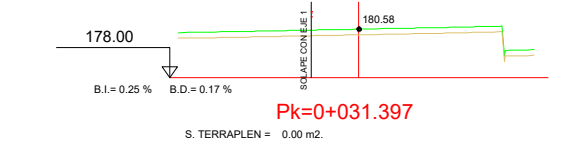
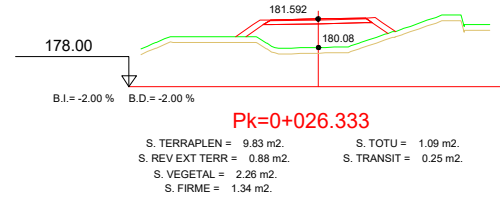
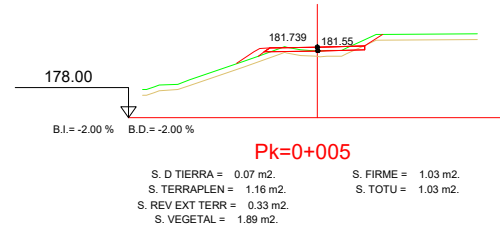
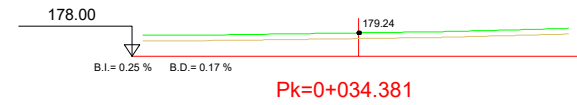
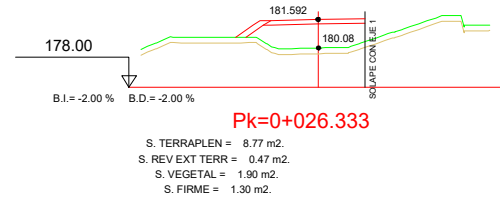
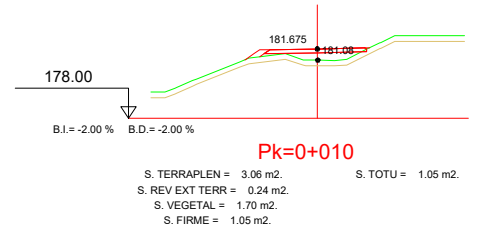
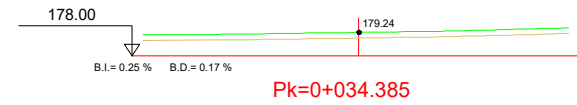
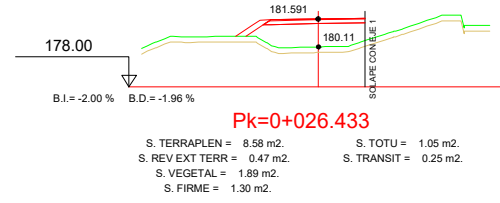
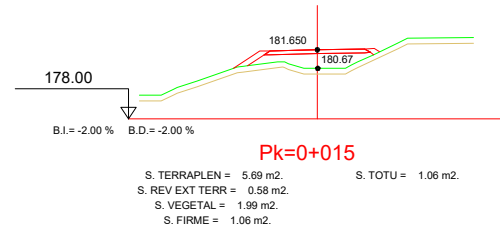
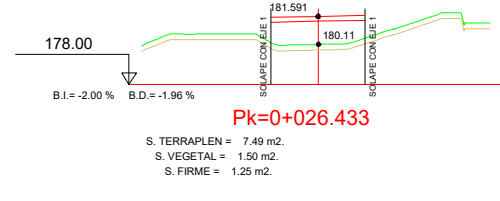
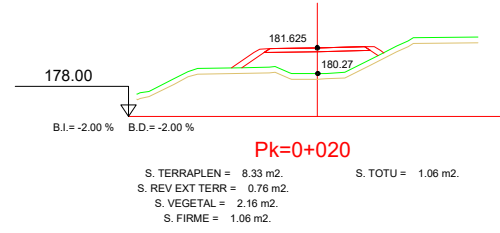
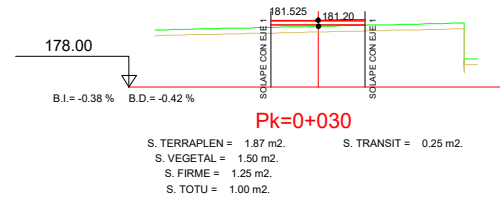
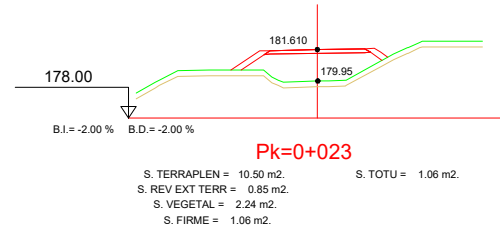
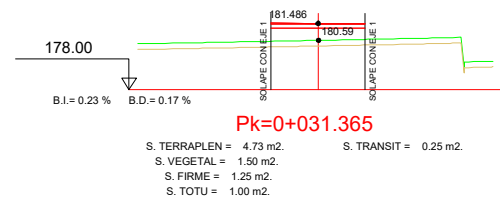
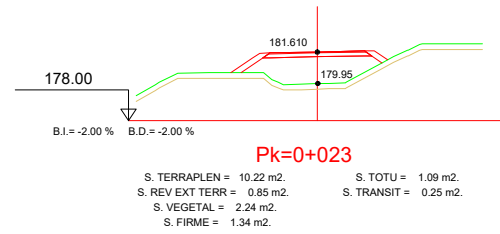


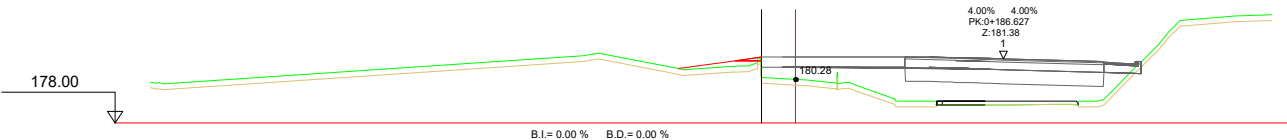






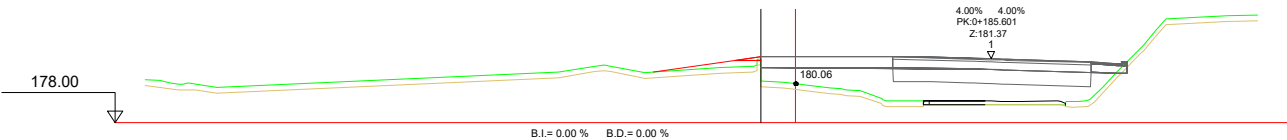






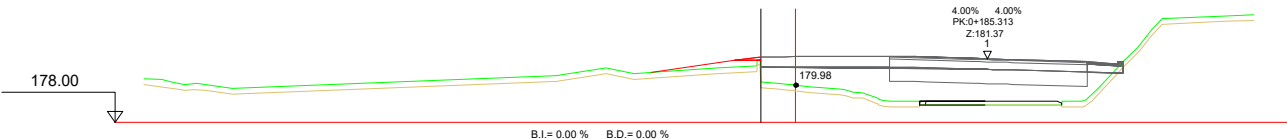
Pk=0+004.780

S. TERRAPLEN = 2.14 m2.
S. VEGETAL = 1.32 m2.
S. FIRME = 0.14 m2.
S. Rellenos = 0.14 m2.



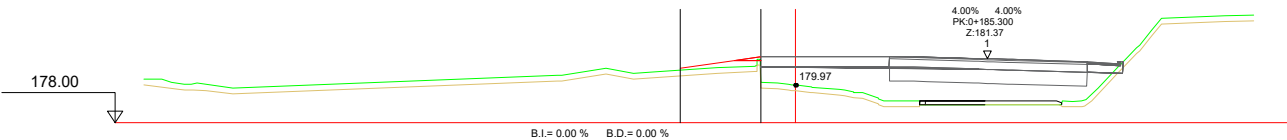
Pk=0+004

S. TERRAPLEN = 2.76 m2.
S. VEGETAL = 1.71 m2.
S. FIRME = 0.14 m2.
S. Rellenos = 0.14 m2.



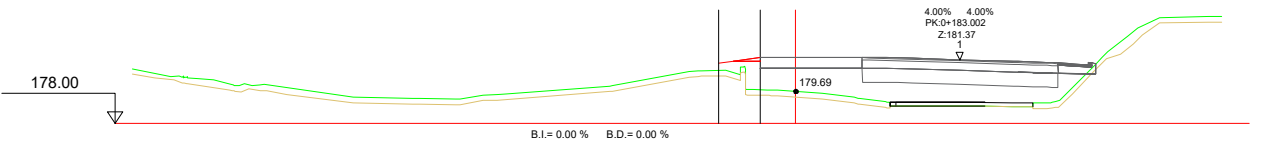
Pk=0+003.780

S. TERRAPLEN = 2.83 m2.
S. VEGETAL = 1.73 m2.
S. FIRME = 0.14 m2.
S. Rellenos = 0.14 m2.



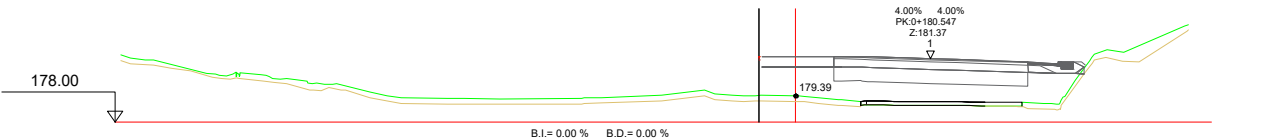
Pk=0+003.770

S. TERRAPLEN = 2.29 m2.
S. VEGETAL = 1.27 m2.
S. FIRME = 0.14 m2.
S. Rellenos = 0.14 m2.



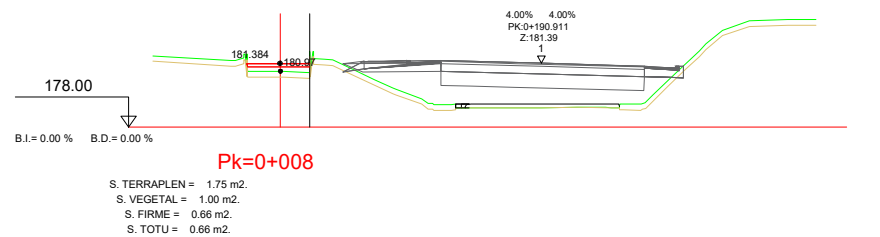
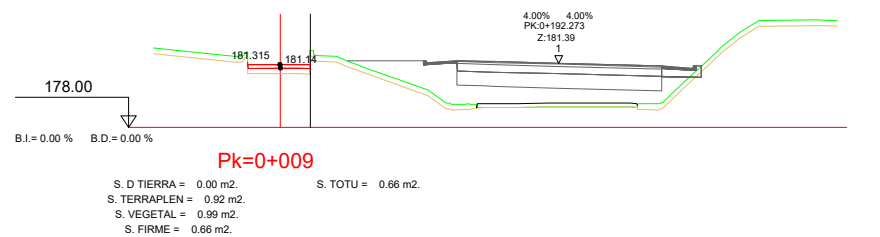
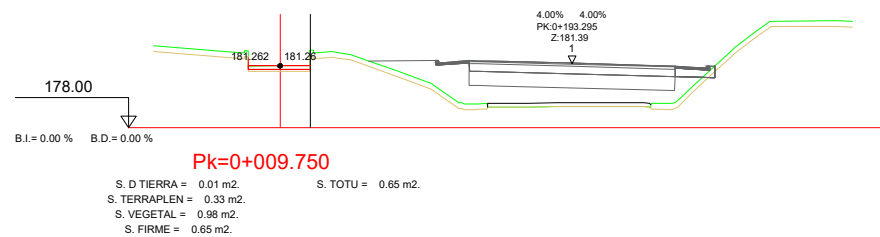
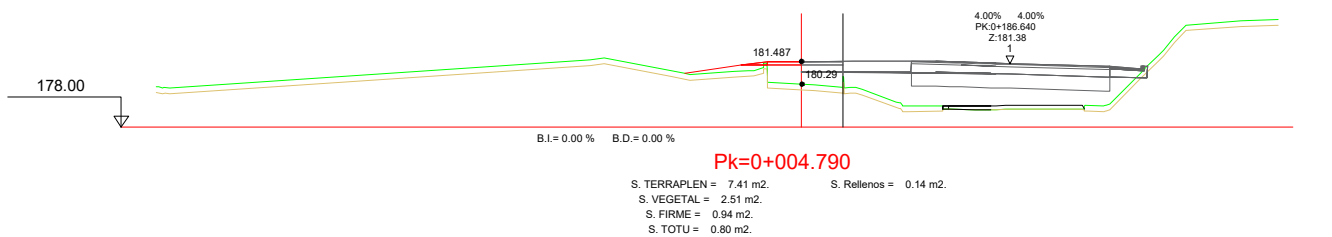
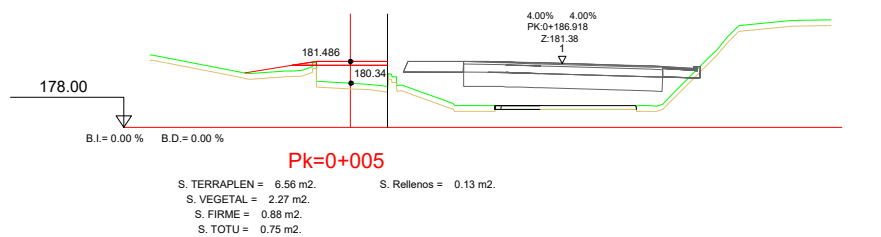
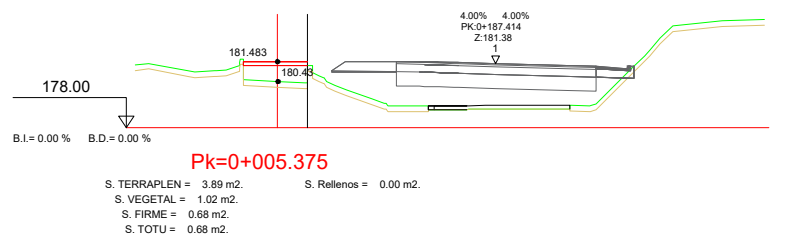
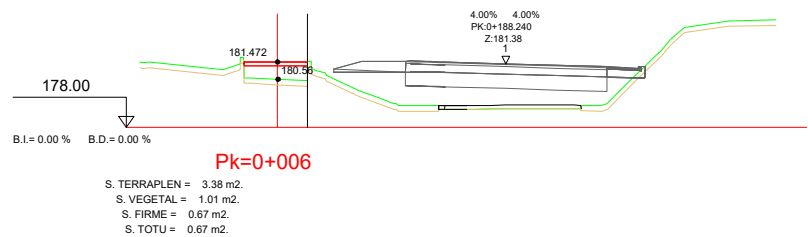
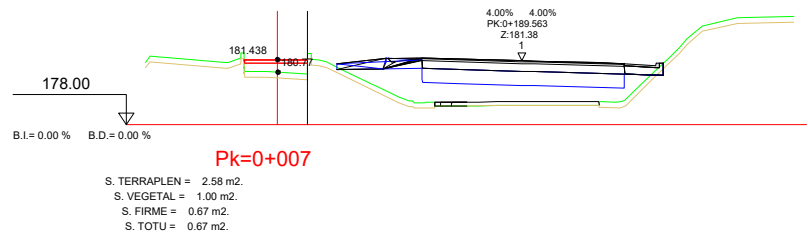
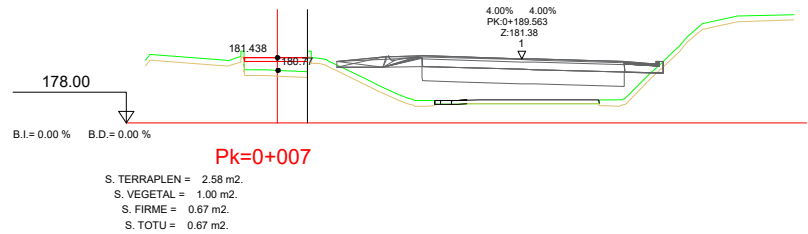
Pk=0+002

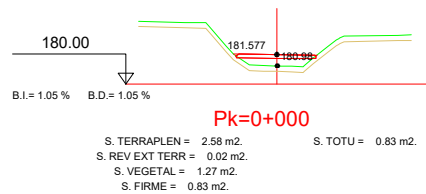
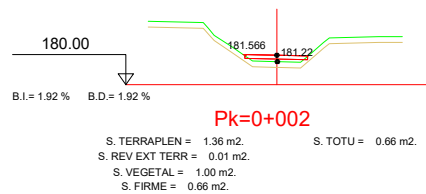
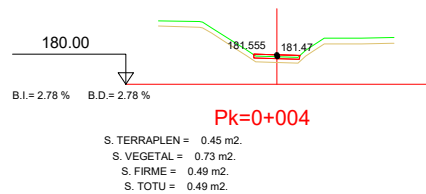
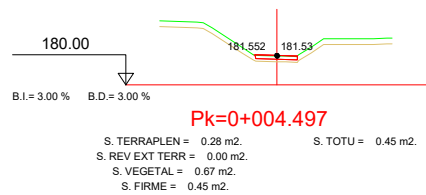
S. TERRAPLEN = 2.48 m2.
S. VEGETAL = 0.66 m2.
S. FIRME = 0.14 m2.
S. Rellenos = 0.14 m2.

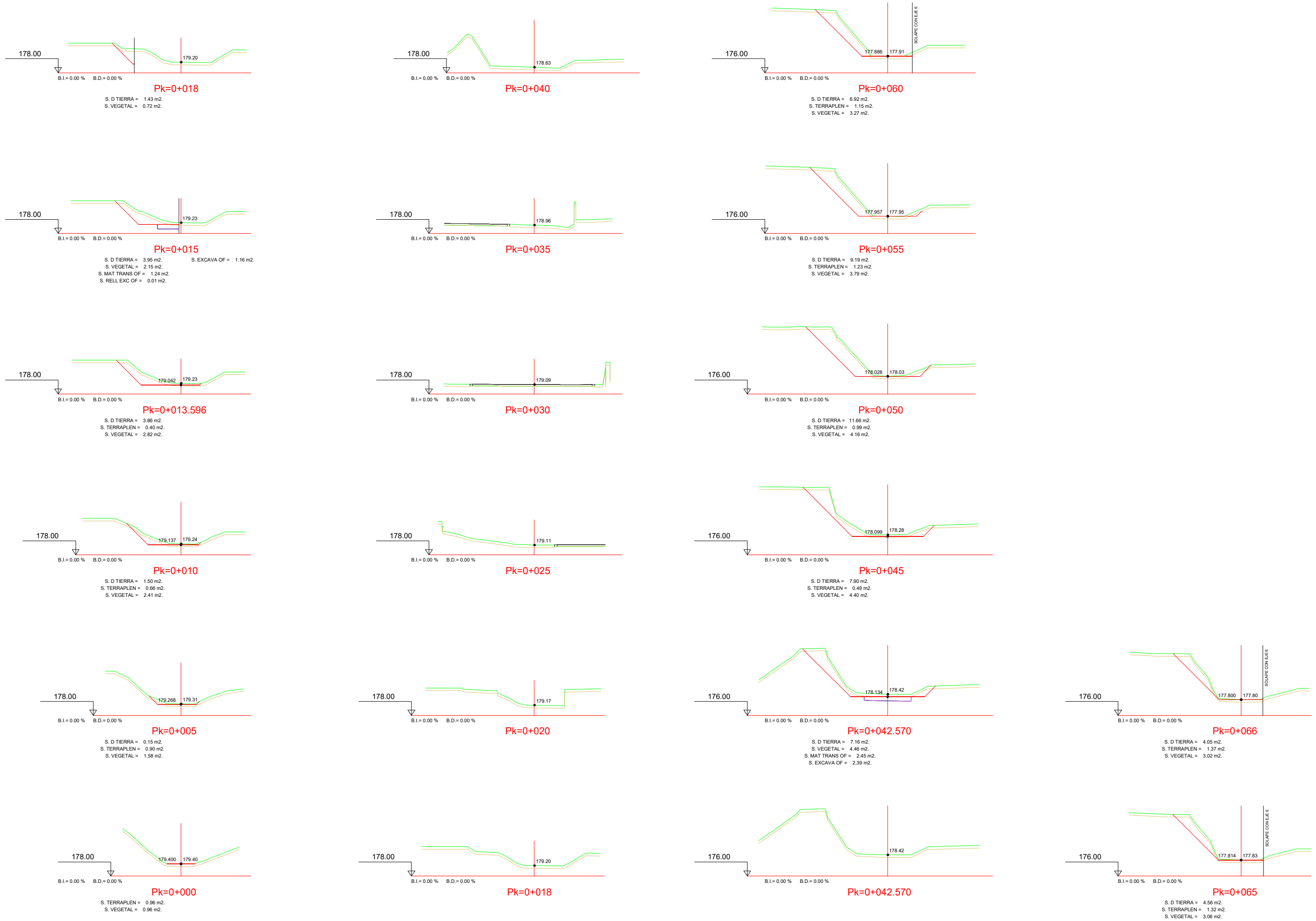


Pk=0+000.100

S. TERRAPLEN = 0.01 m2.
S. VEGETAL = 0.00 m2.
S. FIRME = 0.00 m2.
S. TOTU = 0.00 m2.



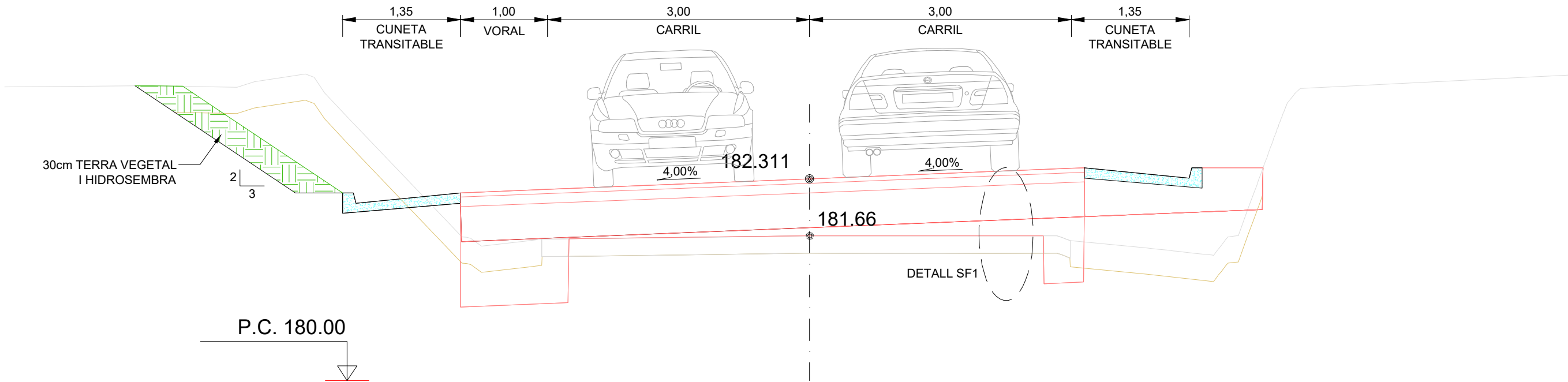




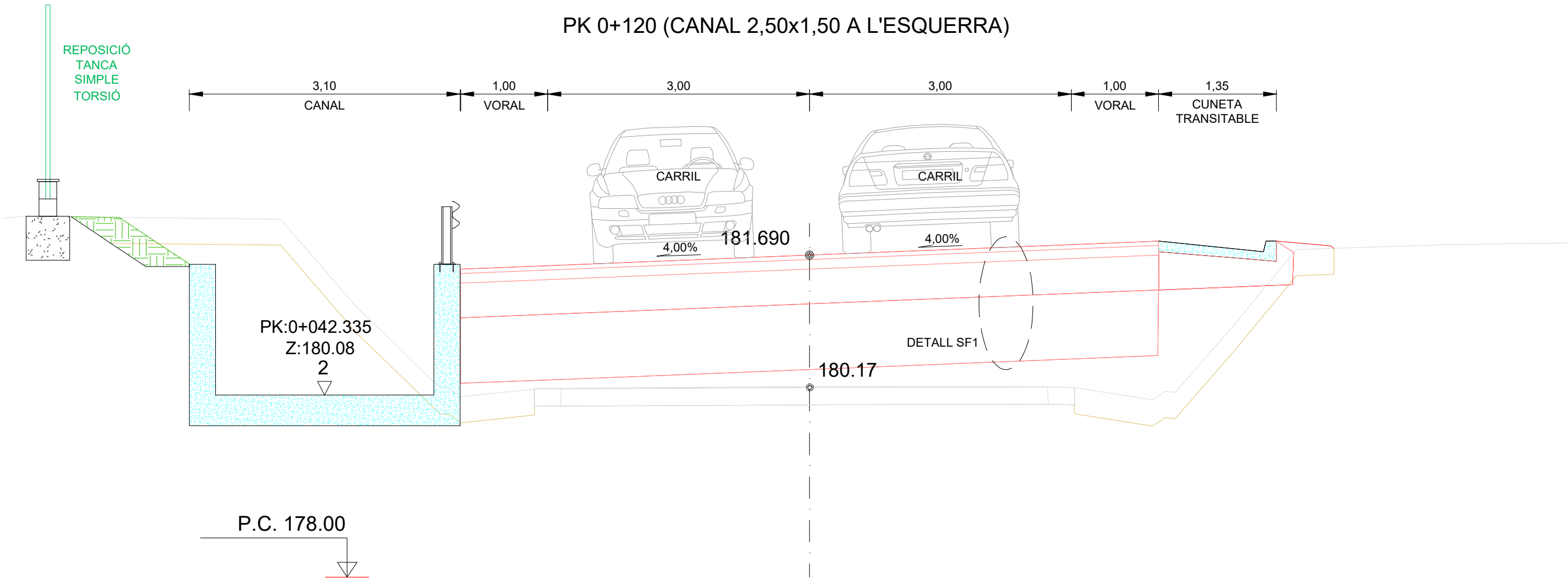
SECCIONS TIPUS

ESCALA 1/25

PK 0+080 (INICI INCREMENT DE RASANT)



PK 0+120 (CANAL 2,50x1,50 A L'ESQUERRA)



DIPUTACIÓ DE TARRAGONA
ÀREA D'INFRASTRUCTURES DEL TERRITORI

CLAU
P05-2025

TÍTOL DEL PROJECTE
TEXT REFÓS DEL PROJECTE CONSTRUCTIU D'ACTUACIÓ
PUNTUAL DE SEGURETAT I DRENATGE A LA CARRETERA
T-3136 DE BOTARELL A LA N-420.

DATA
MAIG 2025

L'ENGINYER DE CAMINS, CANALS I PORTS
JAUME VIDAL GONZÁLEZ

EL CAP DE L'ÀREA E.F.
L'ENGINYER CIVIL
CARLOS LOZANO SÁNCHEZ

L'ENGINYER TÈCNIC D'OBRES PÚBLIQUES
RAÚL ADELL ARGENTÓ

ESCALES
A1 = 1/75
A3 = 1/150

TÍTOL DEL PLÀNOL
SECCIONS TIPUS I DETALLS
SECCIONS TIPUS

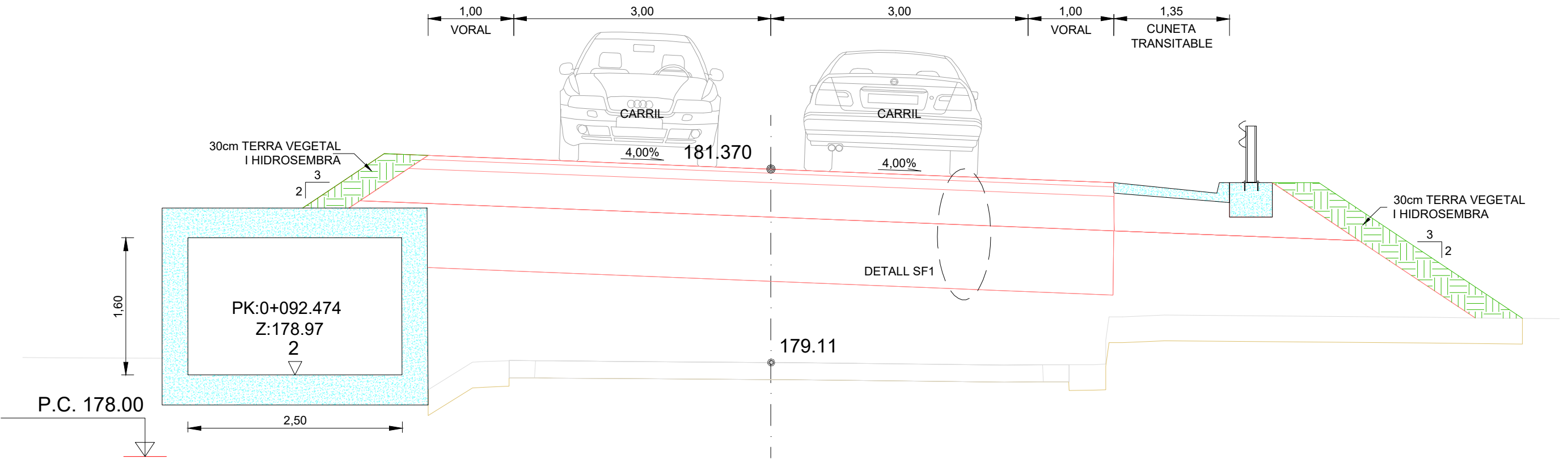
PLÀNOL NÚM.
9

FULL
1 DE 4

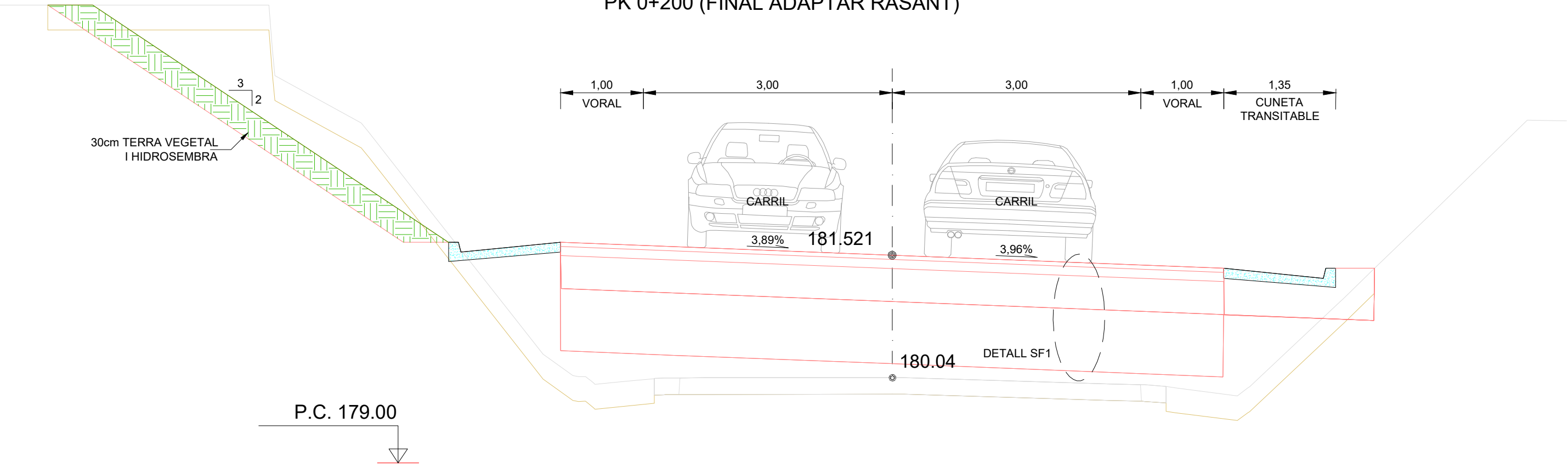
SECCIONS TIPUS

ESCALA 1/25

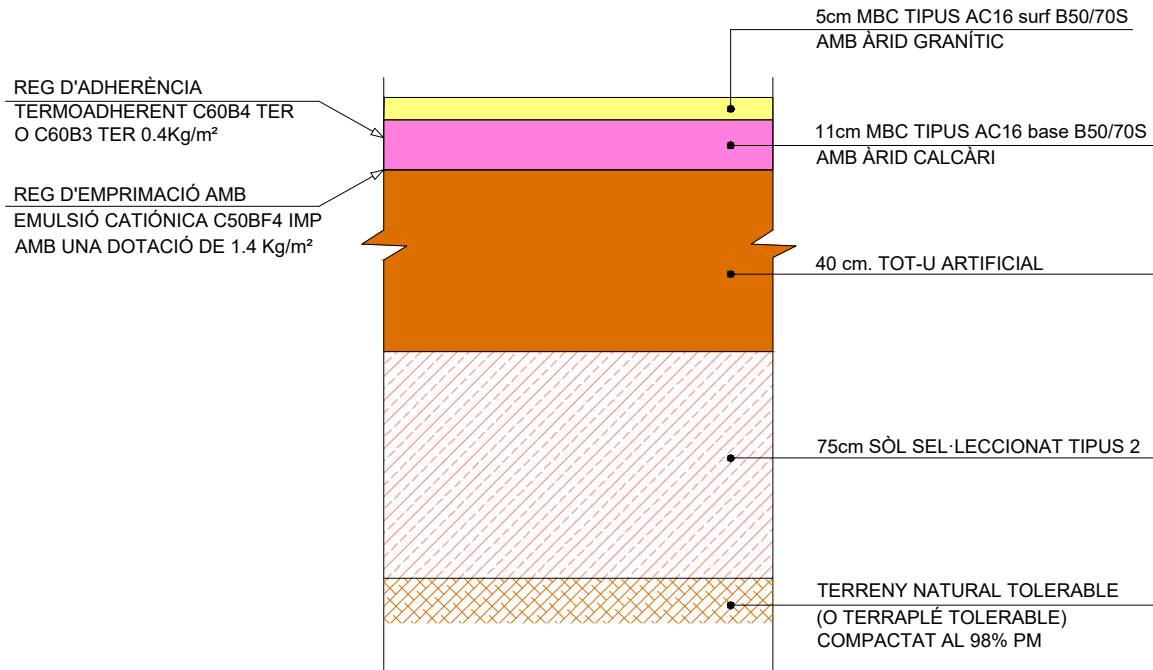
PK 0+170 (CANAL AMB LLOSA PER ACCÉS)



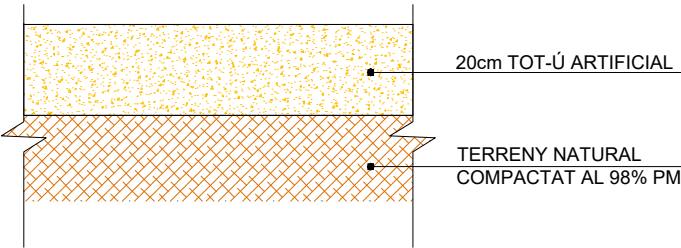
PK 0+200 (FINAL ADAPTAR RASANT)



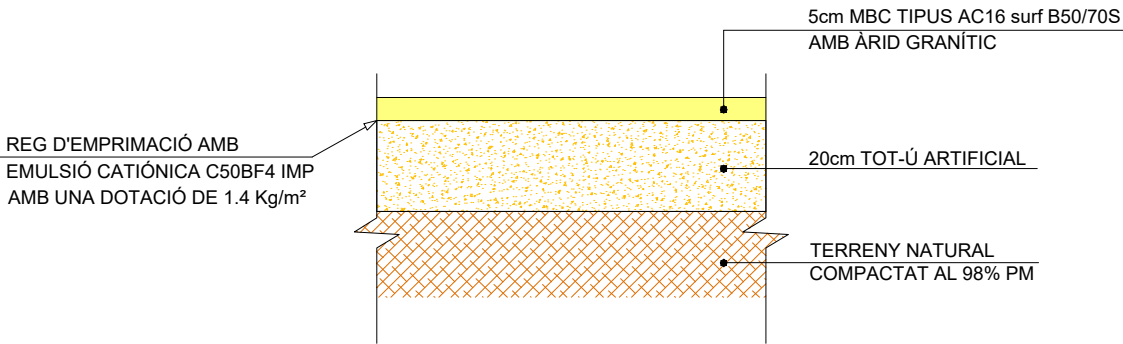
DETALL SF1
SECCIÓ DE FERM 3121, PER CALÇADA



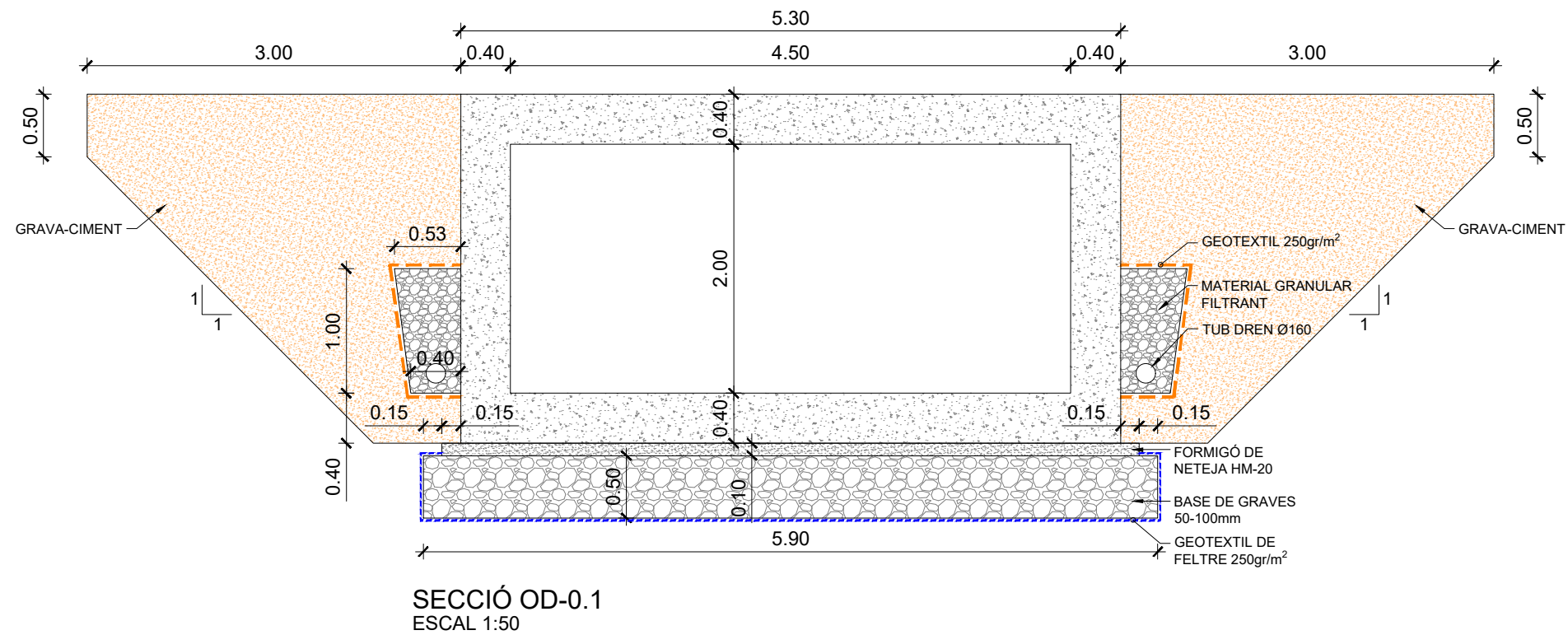
DETALL SF2
SECCIÓ DE FERM EN ENTRADORS I REPOSICIONS DE CAMINS

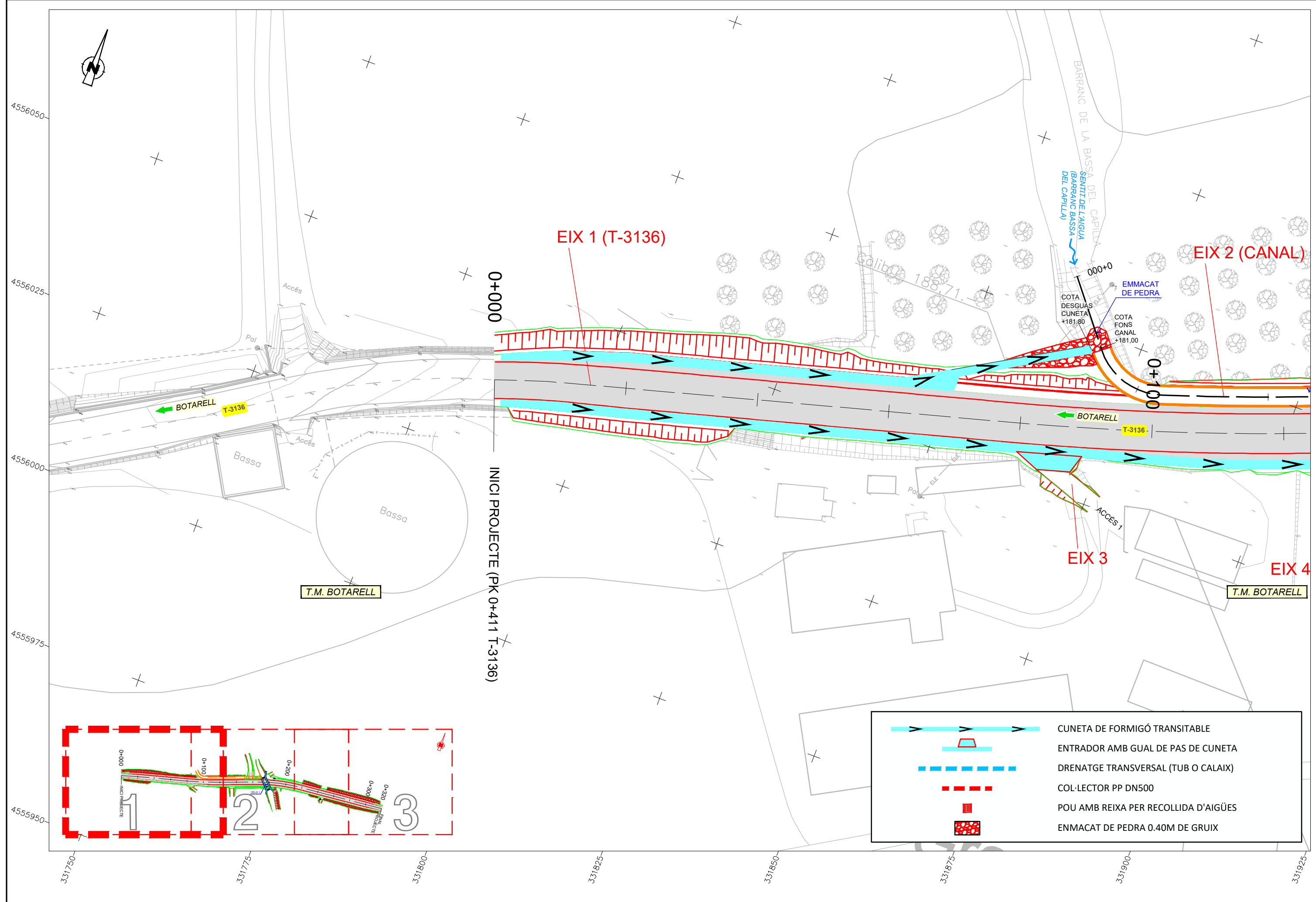


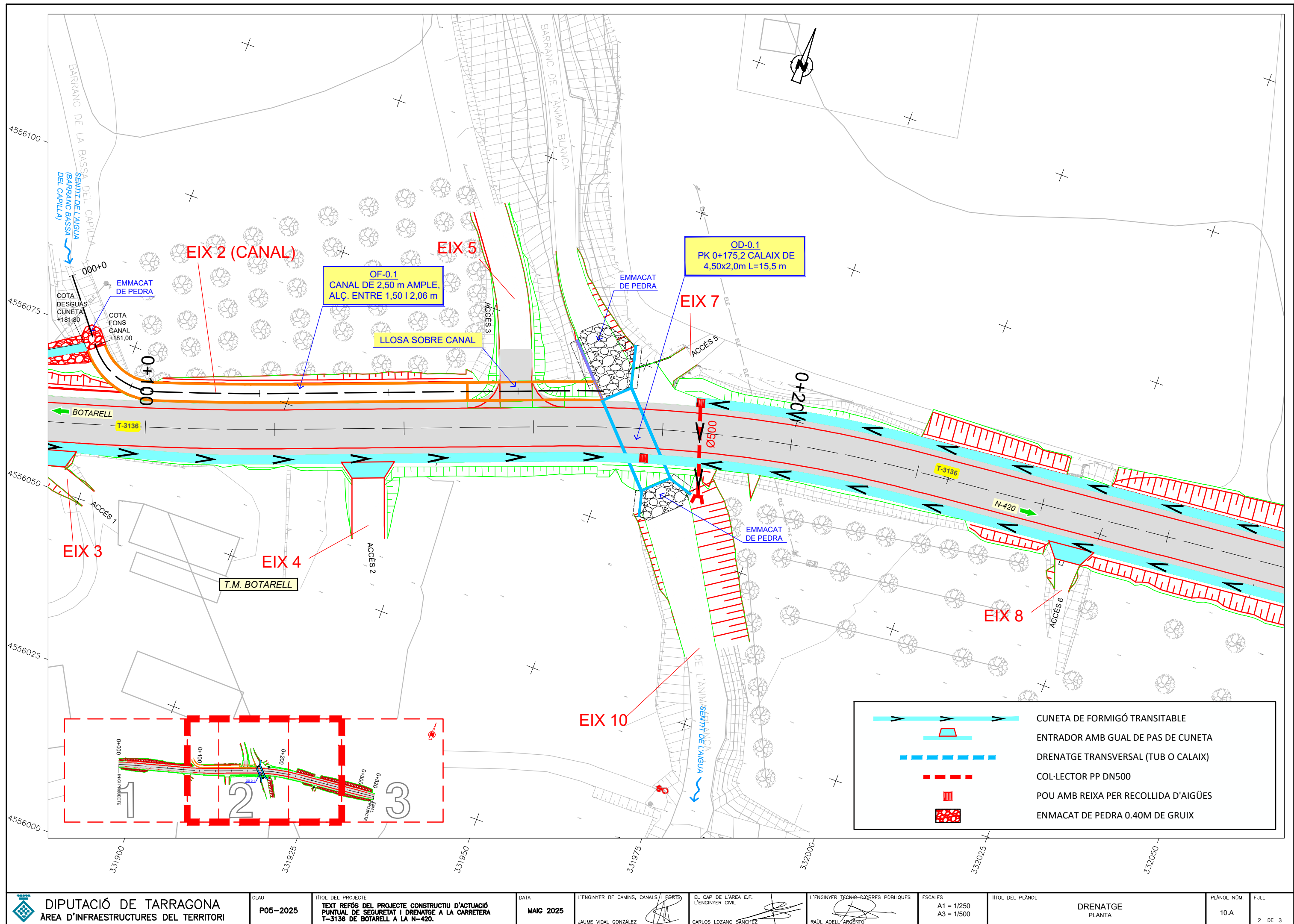
DETALL SF3SECCIÓ DE FERM EN ENTRADORS AGLOMERATS

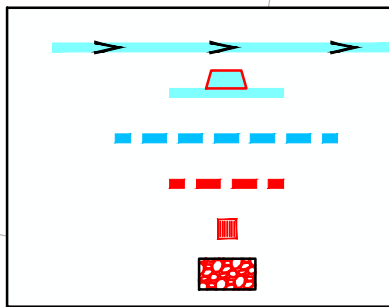


SECCIONS TIPUS
ESCALA 1/50
SECCIÓ TIPUS OD-0.1 I FALQUES DE GRAVA
CIMENT









CUNETA DE FORMIGÓ TRANSITABLE

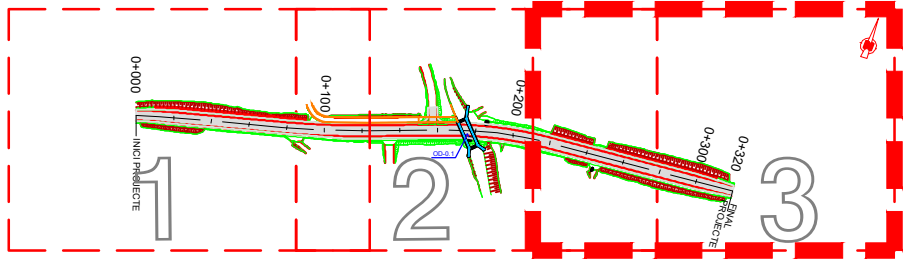
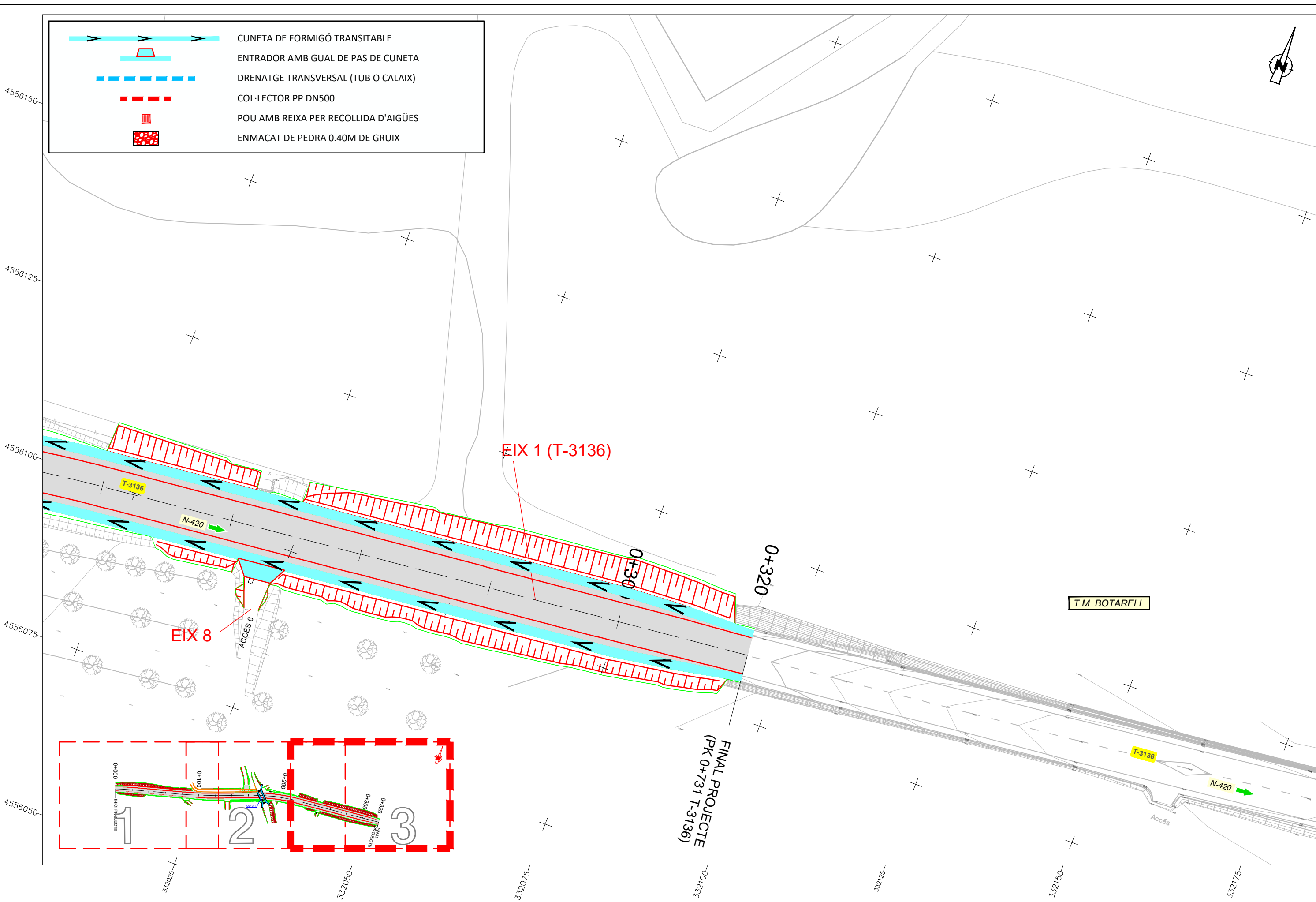
ENTRADOR AMB GUAL DE PAS DE CUNETA

DRENATGE TRANSVERSAL (TUB O CALAIX)

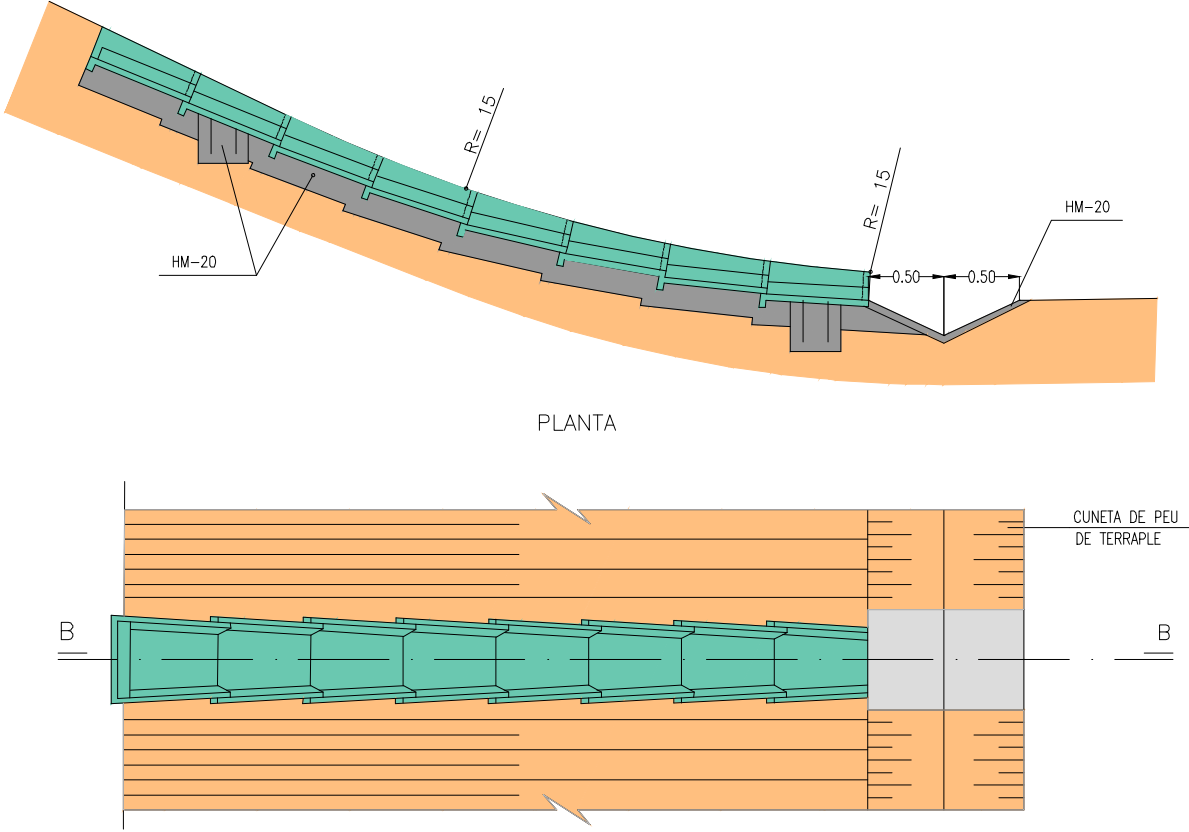
COL·LECTOR PP DN500

POU AMB REIXA PER RECOLLIDA D'AIGÜES

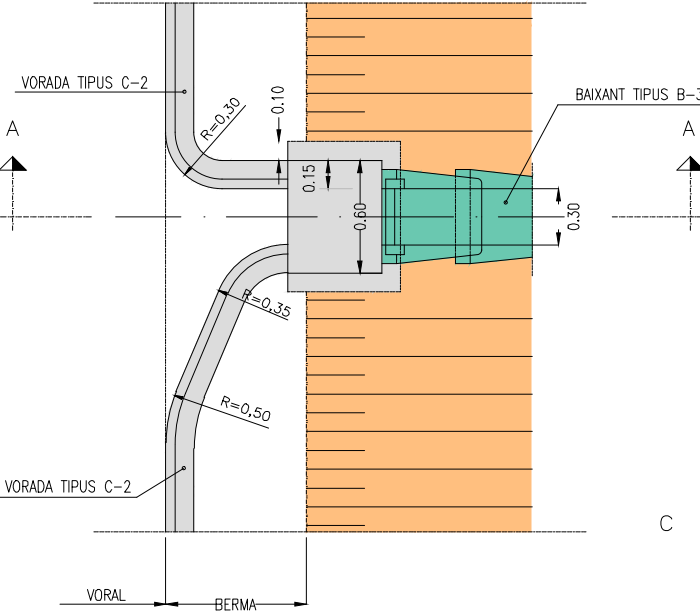
ENMACAT DE PEDRA 0.40M DE GRUIX



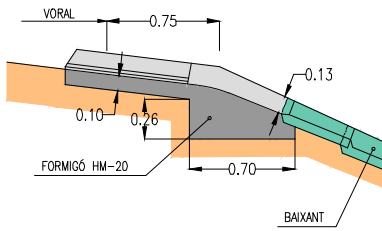
DESGUÀS DE BAIXANTS
EN CUNETA DE PEU DE TERRAPLE
ESCALA A1= 1/25
ESCALA A3= 1/50
SECCIO B - B



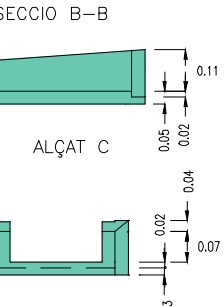
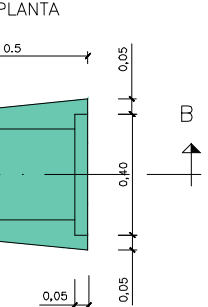
CONNEXIO DE VORADA AMB BAIXANT
PLANTA
ESCALA A1= 1/20
ESCALA A3= 1/40



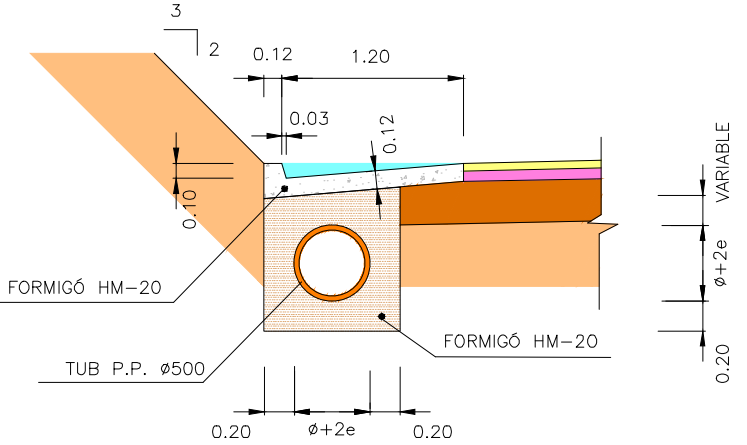
SECCIO A-A
ESCALA A1= 1/25
ESCALA A3= 1/50



DETALL BAIXANT "B-3"
ESCALA A1= 1/12.5
ESCALA A3= 1/25

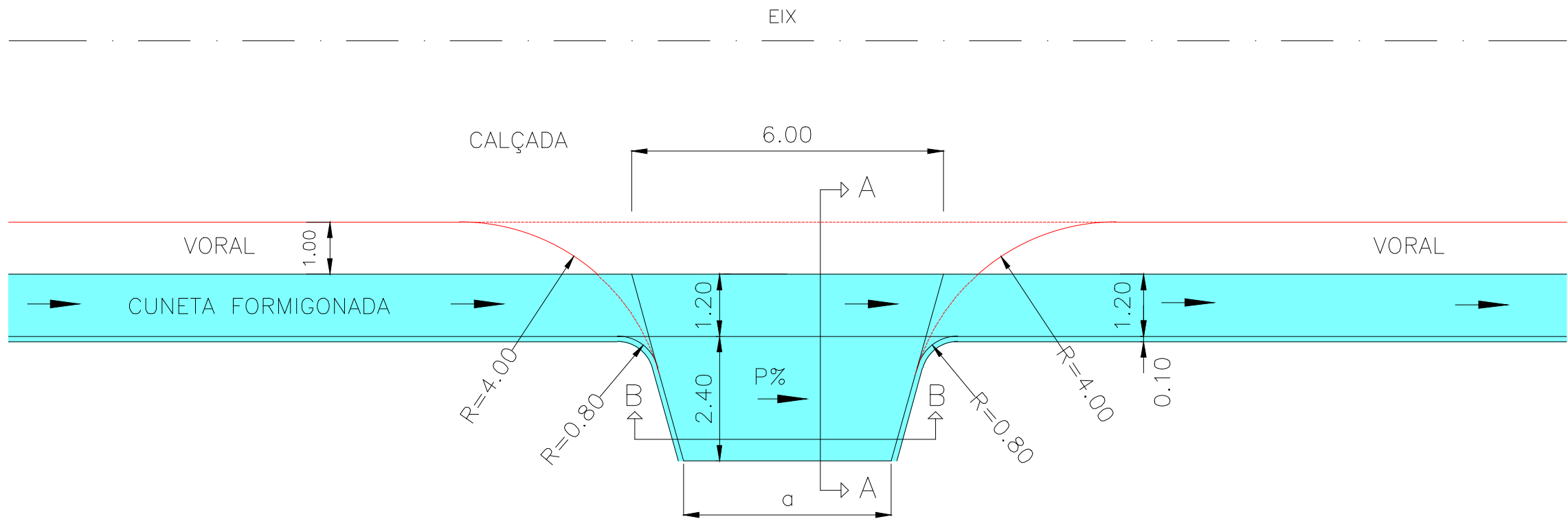


CUNETA TIPUS TRANSITABLE
ESCALA = 1/50



ACCÉS TIPUS GUAL DE FORMIGÓ

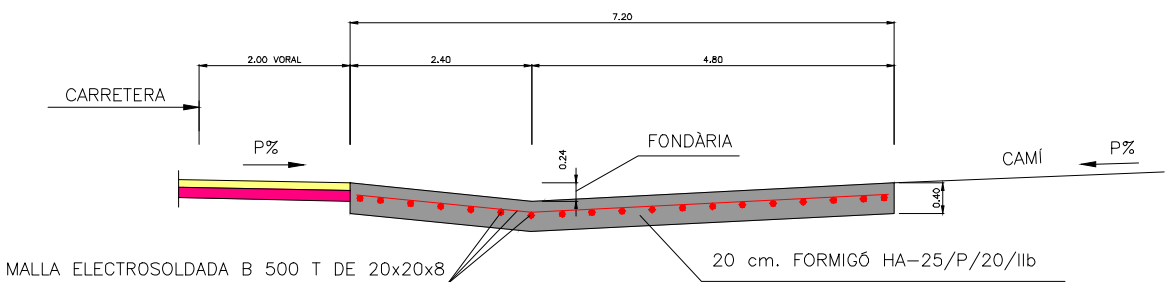
ESCALA= 1/200



NOTA: a PREFERENTMENT $\geq$ 4.00 MTS.

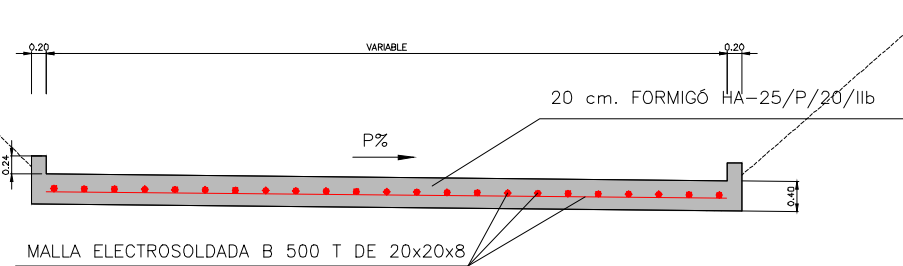
SECCIÓ A-A

ESCALA= 1/50



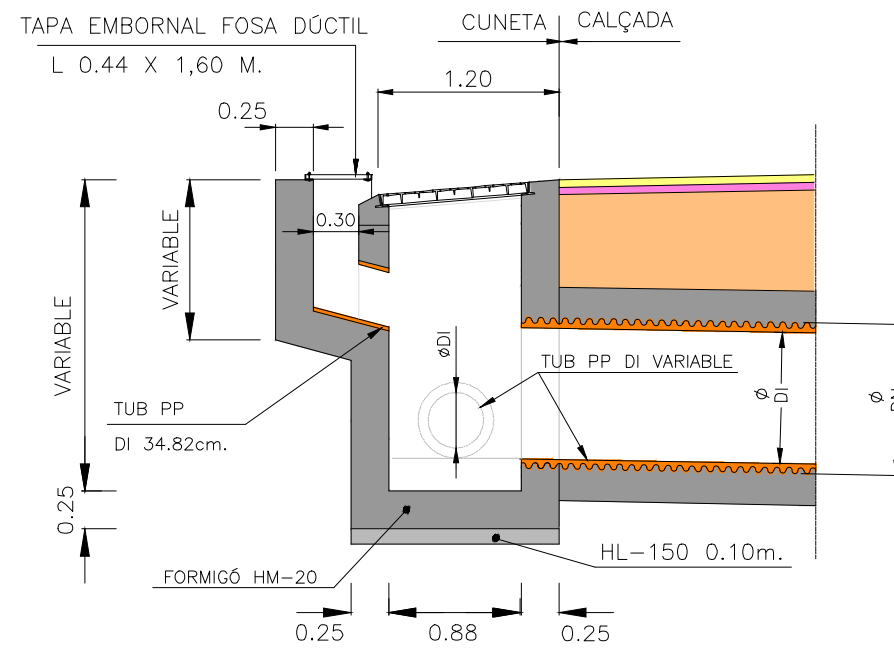
SECCIÓ B-B

ESCALA= 1/50

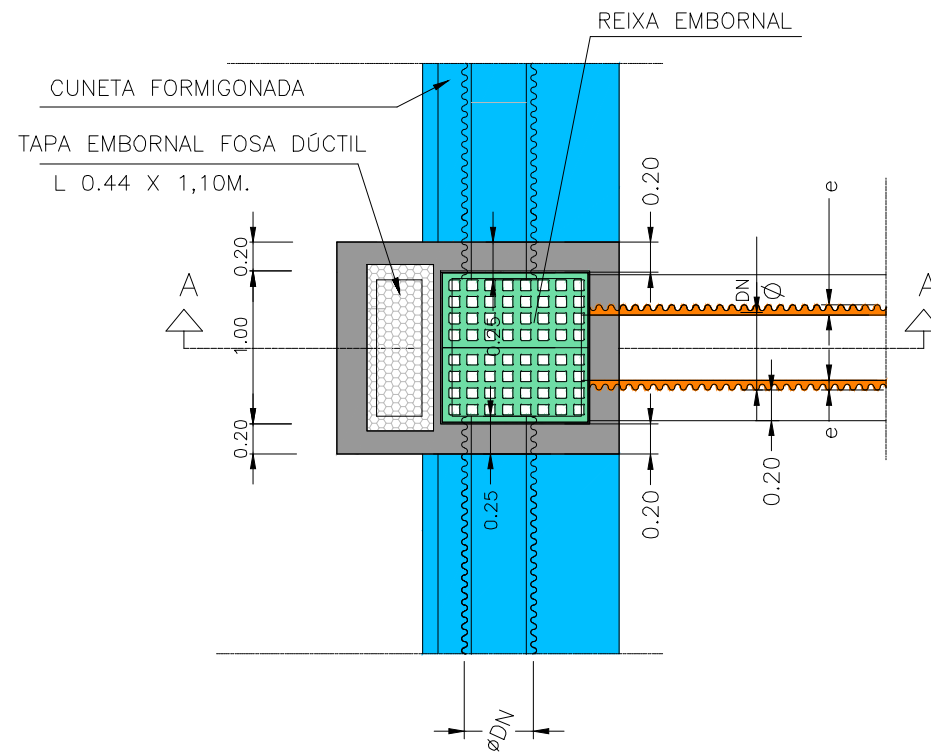


ARQUETA DE DRENATGE PER RECOLLIDA DE CUNETES

SECCIÓ A-A
ESCALA = 1/50

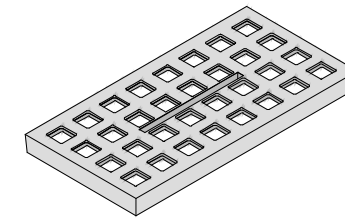
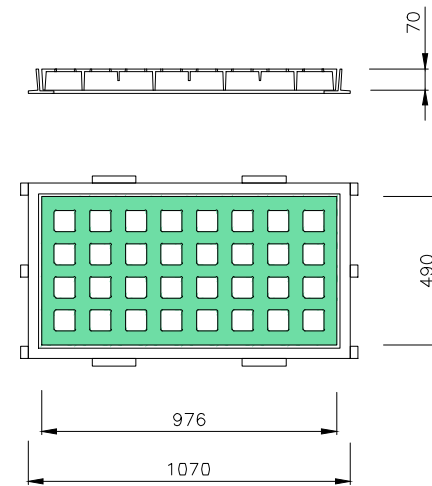


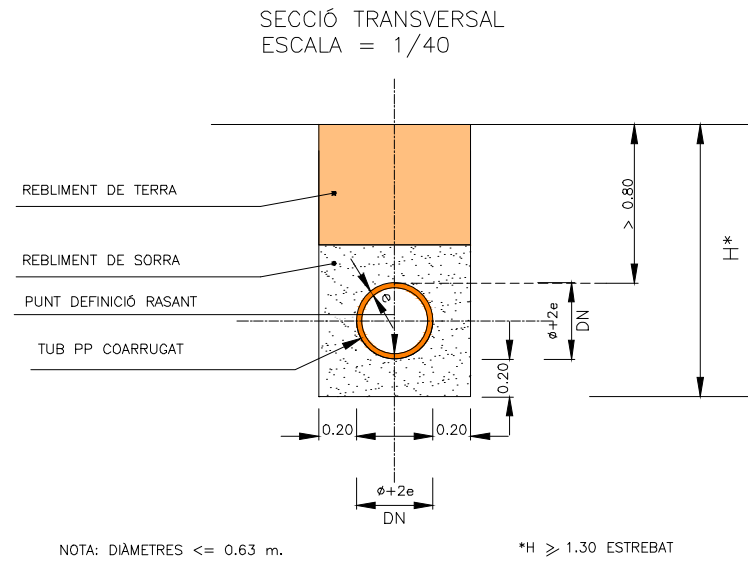
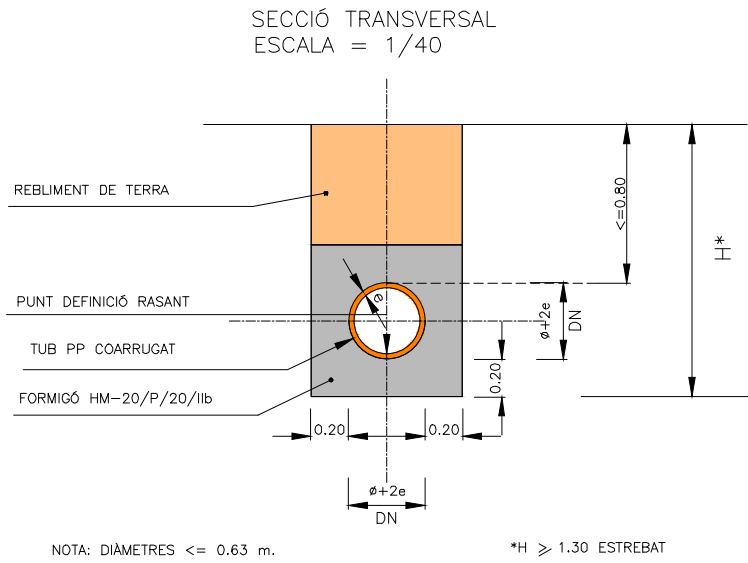
PLANTA
ESCALA = 1/50



EMBORNAL CUNETA

REIXA EN CUNETA TRANSITABLE
ESCALA = 1/25

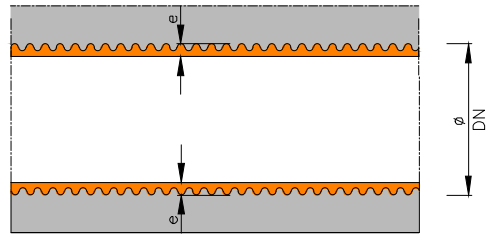




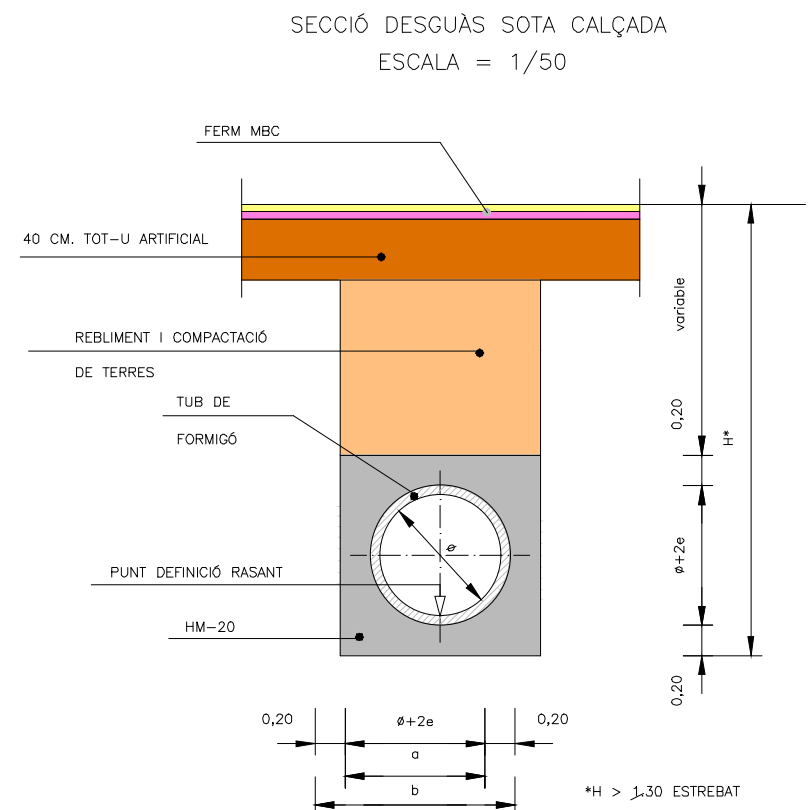
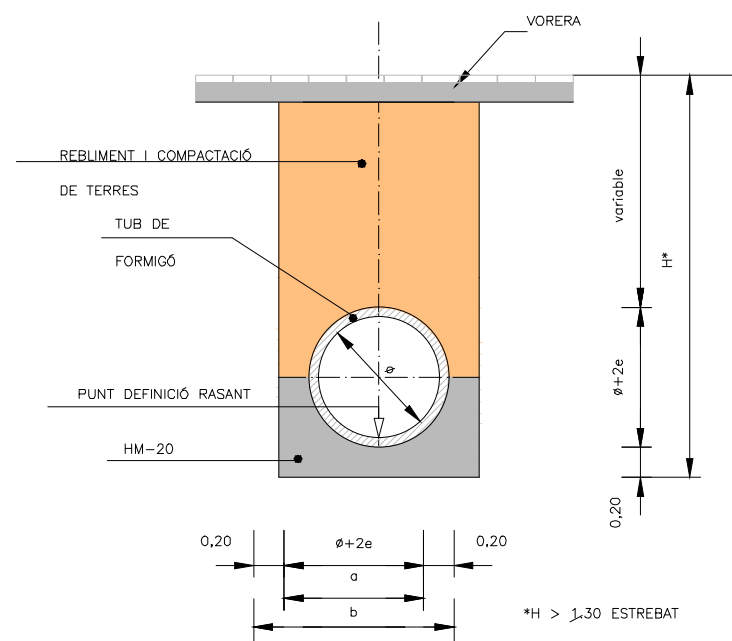
DN	DI
40	34,82
50	43,34
63	54,52
80	69,28
100	86,78
120	103,00

(COTAS EN CMS.)

SECCIÓ LONGITUDINAL
ESCALA = 1/20



SECCIÓ DESGUÀS FORA DE CALÇADA
ESCALA = 1/50

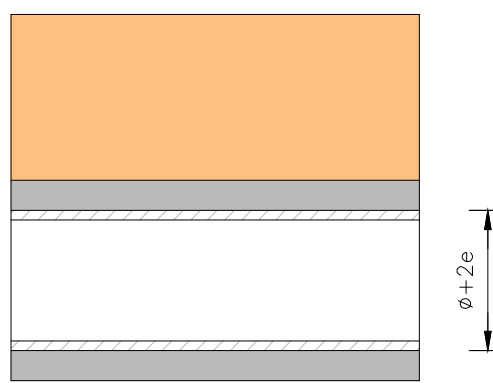


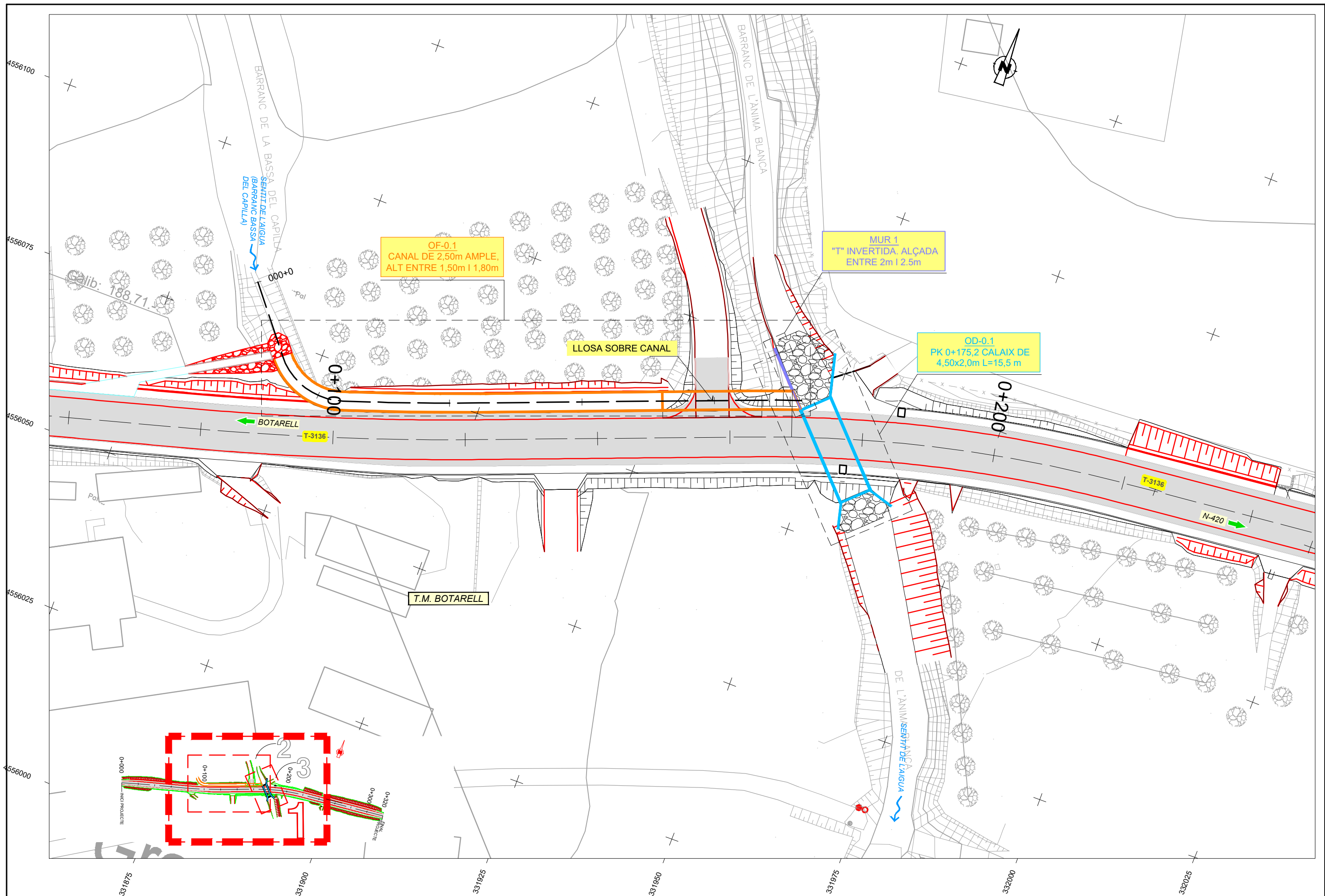
DEFINICIÓ GEOMÈTRICA
CANONADA (SECCIÓ)

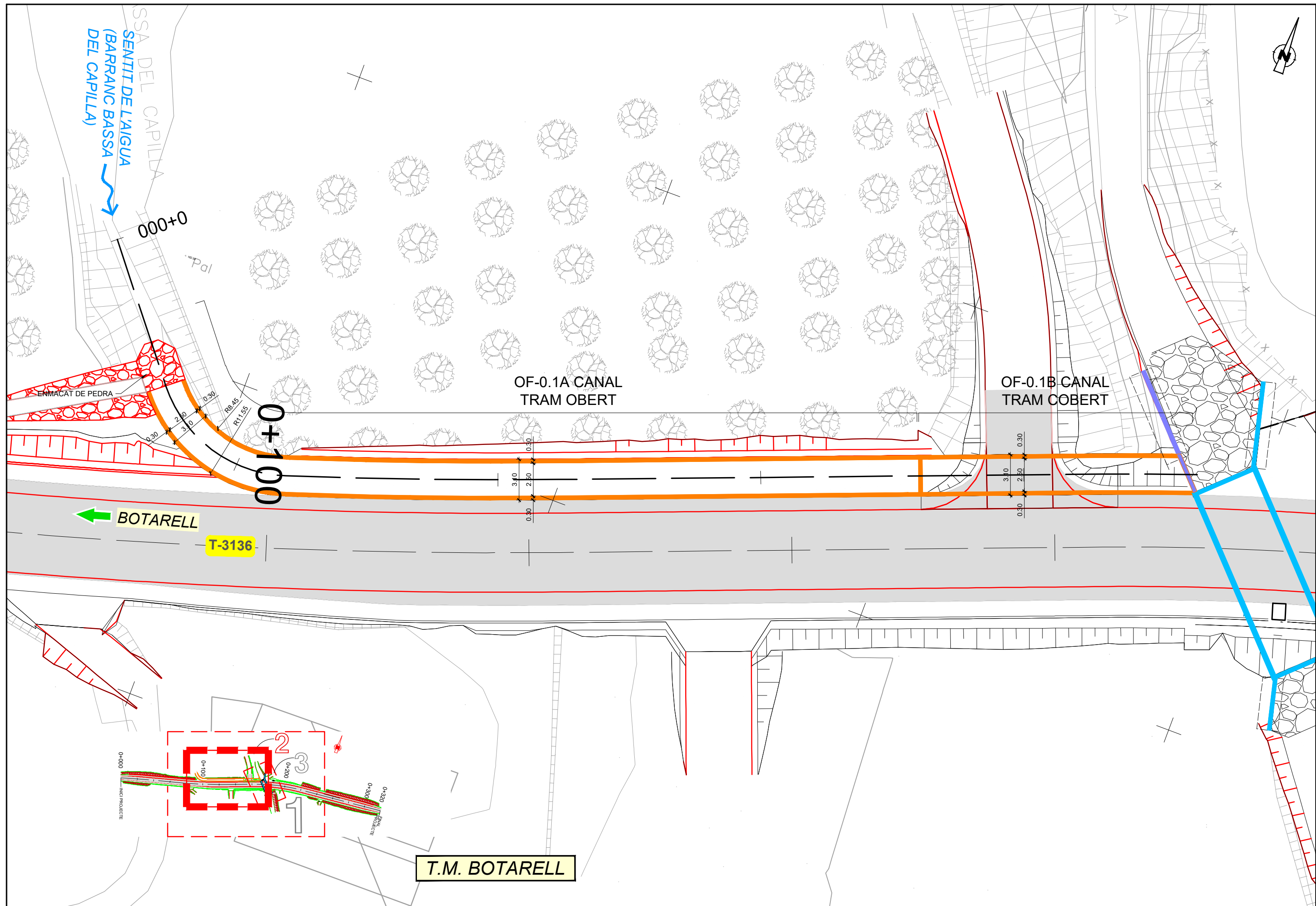
ϕ	a	b	e
50	60	100	5
60	71	111	5.5
80	92.4	132.4	6.2
100	119	159	9.5
120	141	181	10.5
150	175	215	12.5

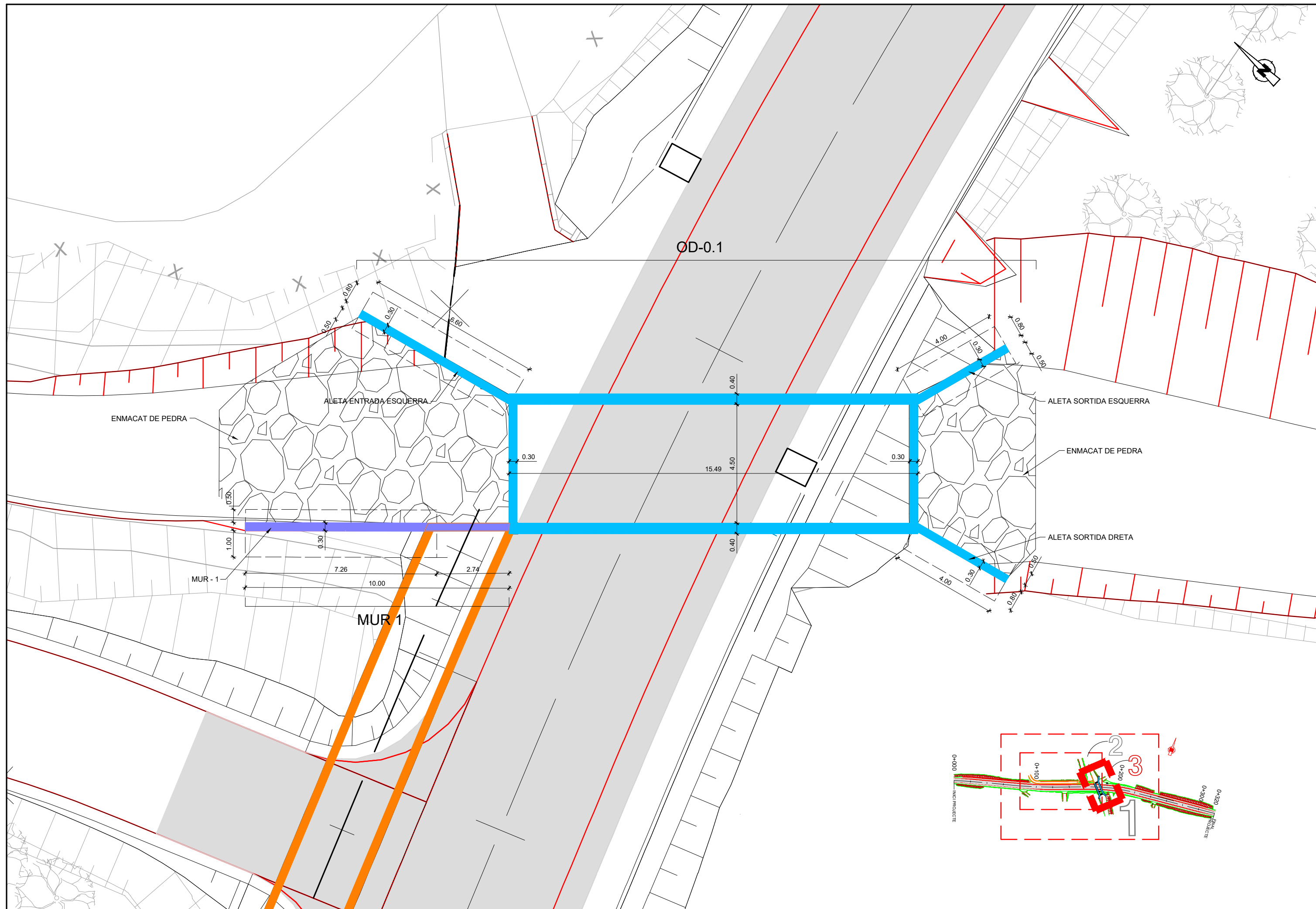
(COTAS EN CMS.)

SECCIÓ LONGITUDINAL
ESCALA = 1/20

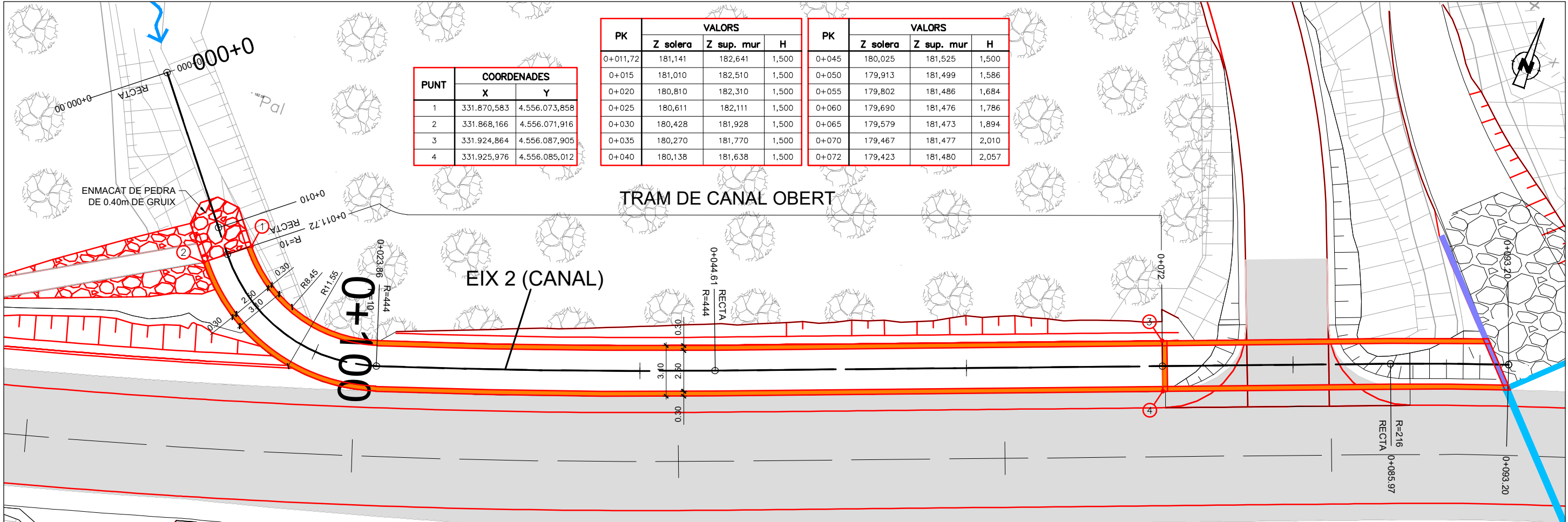




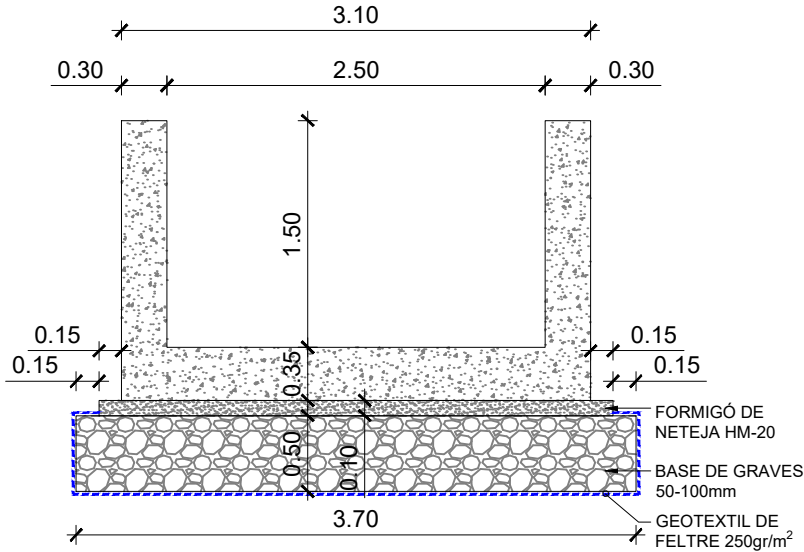




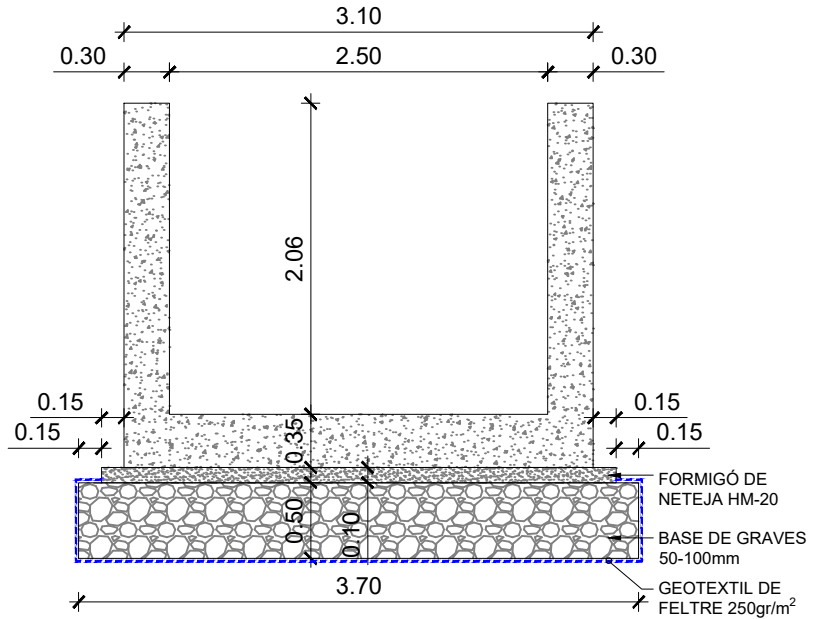
DEFINICIÓ GEOMÈTRICA CANAL OF-0.1A. TRAM OBERT



PLANTA
ESCAL 1:250

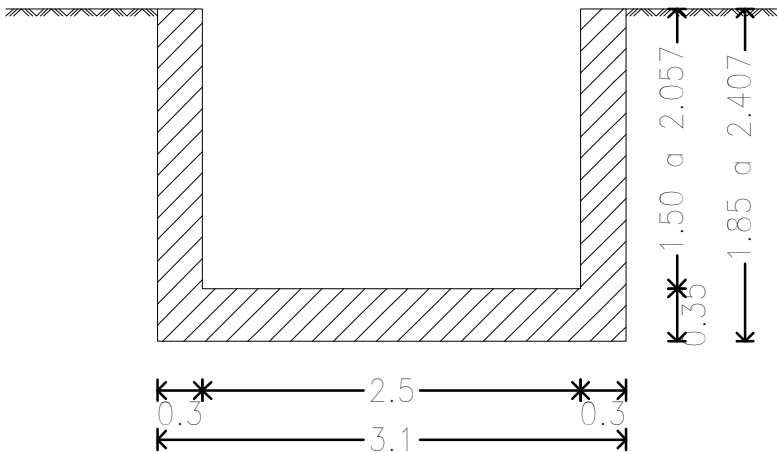


SECCIÓ INICIAL TRAM OBERT. PK 0+011.072
ESCAL 1:50

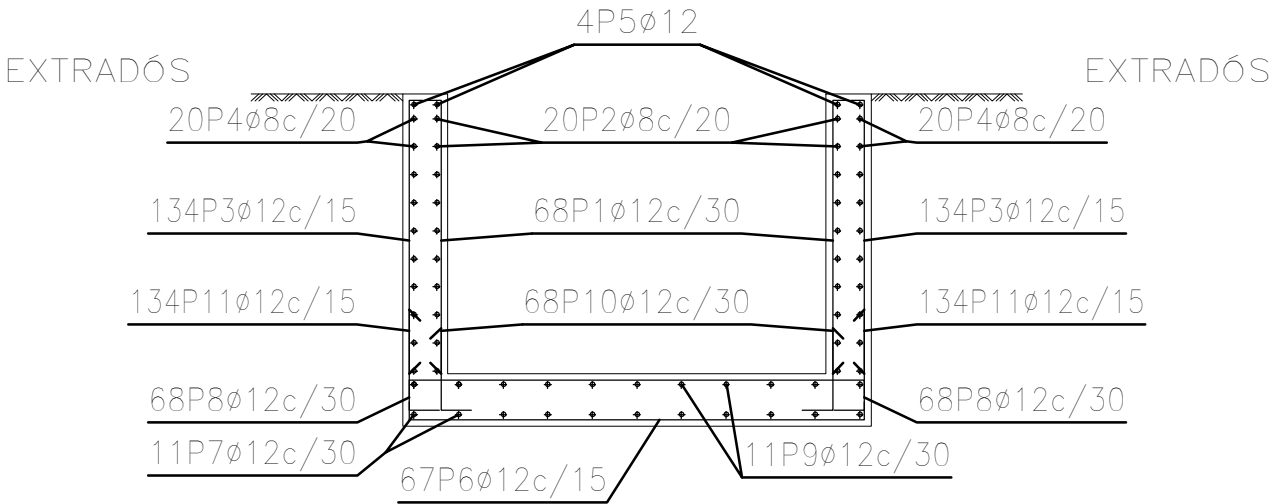


SECCIÓ FINAL TRAM OBERT. PK 0+072
ESCAL 1:50

SECCIÓ TRANSVERSAL. GEOMETRIA



SECCIÓ TRANSVERSAL. ARMAT

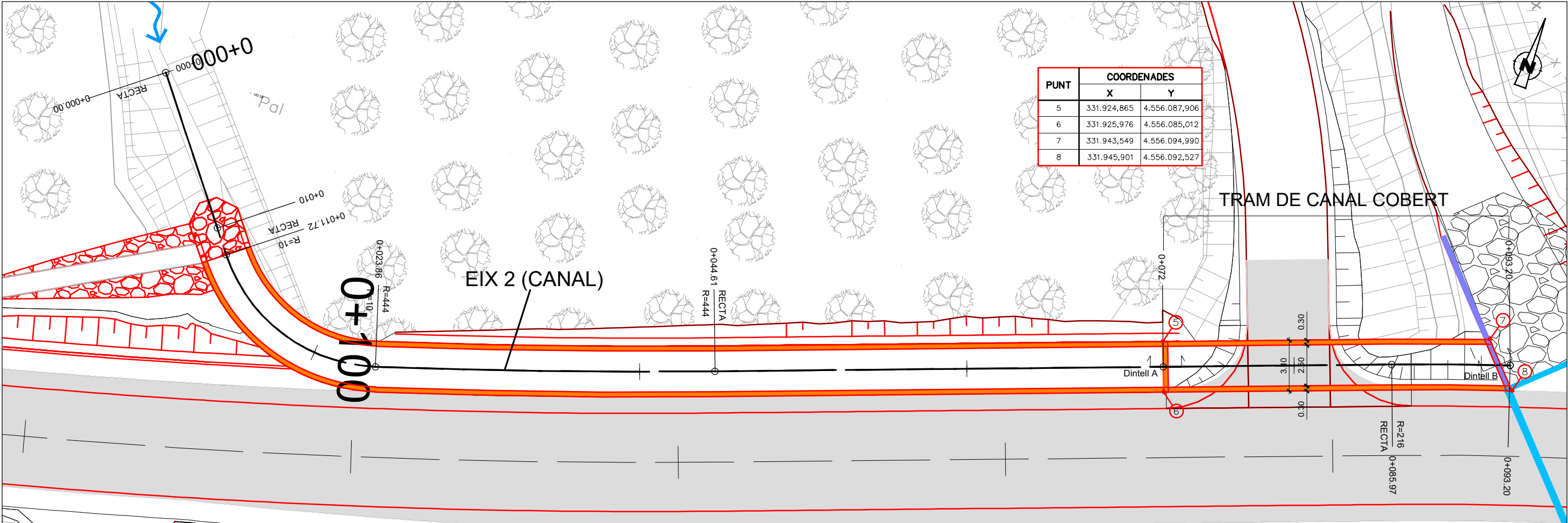


NOTA:
L'ESPECEJAMENT DE LES ARMADURES
INDICAT A AQUESTA TAULA ESTÀ CALCULAT
PER A TRAMS DE CANAL DE 10m

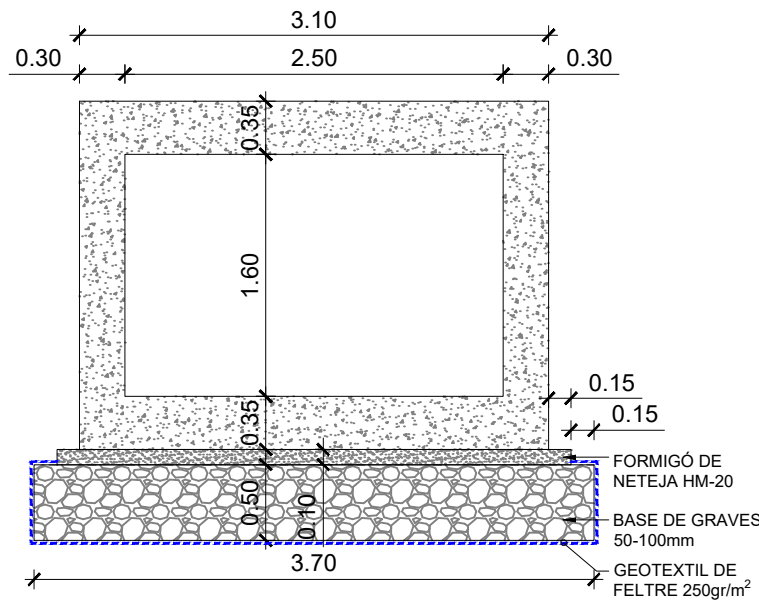
Canal
Mur costat dret
Norma: Codi estructural
Formigó: HA-25, Control Estadístico
Acer de barres: B 500 S, Control Normal
Tipus d'ambient: Clase IIa
Recobrint a l'intradós del mur: 3.0 cm
Recobrint a l'extradós del mur: 3.0 cm
Recobrint superior de la fonamentació: 5.0 cm
Recobrint inferior de la fonamentació: 5.0 cm
Recobrint lateral de la fonamentació: 7.0 cm
Grandària màxima del granulat: 30 mm
Escala: 1:100

Canal								
POSICIÓ	ø mm	NRE. PECES	LONGITUD m	FORMA L=cm	LONGITUD TOTAL m	PES kg/m	PES kp	
1	12	68	2.00	21 179	136.32	0.89	120.98	
2	8	20	9.86	986	197.20	0.39	77.82	
3	12	134	2.00	21 179	268.54	0.89	238.42	
4	8	20	9.86	986	197.20	0.39	77.82	
5	12	4	9.86	986	39.44	0.89	35.02	
6	12	67	3.25	15 295 15	217.62	0.89	193.21	
7	12	11	9.86	986	108.46	0.89	96.29	
8	12	68	3.25	15 295 15	220.86	0.89	196.10	
9	12	11	9.86	986	108.46	0.89	96.29	
10	12	68	0.99	42 57	67.32	0.89	59.76	
11	12	134	1.11	42 69	148.74	0.89	132.06	
ø8					394.40	0.39	155.64	
ø12					1645.08	0.89	1168.13	
B 500 S, CN							Pes total	1323.77
							Pes total amb minves (10.00%)	1191.39

DEFINICIÓ GEOMÈTRICA CANAL OF-0.1B. TRAM COBERT

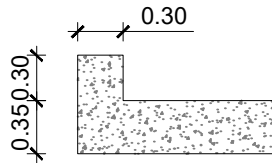


PLANTA
ESCAL 1:250

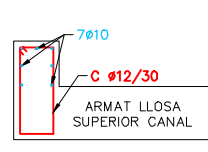


SECCIÓ TRAM COBERT. PK 0+072 A 0+093
ESCAL 1:50

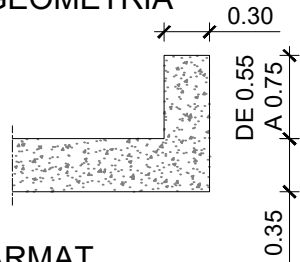
DINTELL A
GEOMETRIA



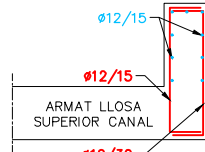
ARMAT



DINTELL B
GEOMETRIA

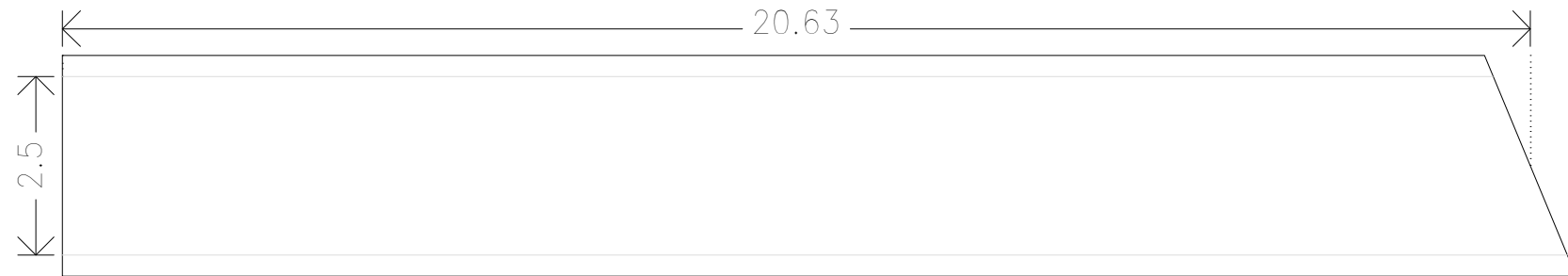


ARMAT

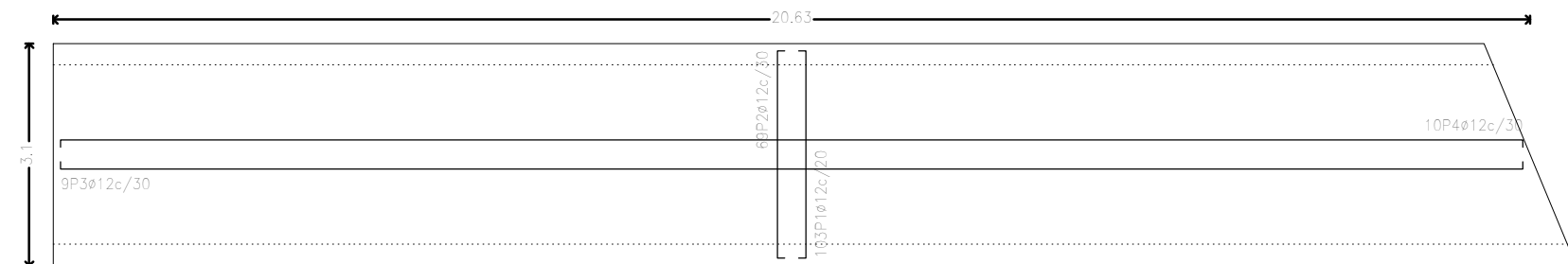


SECCIÓ DETALLS DINTELLS
ESCAL 1:50

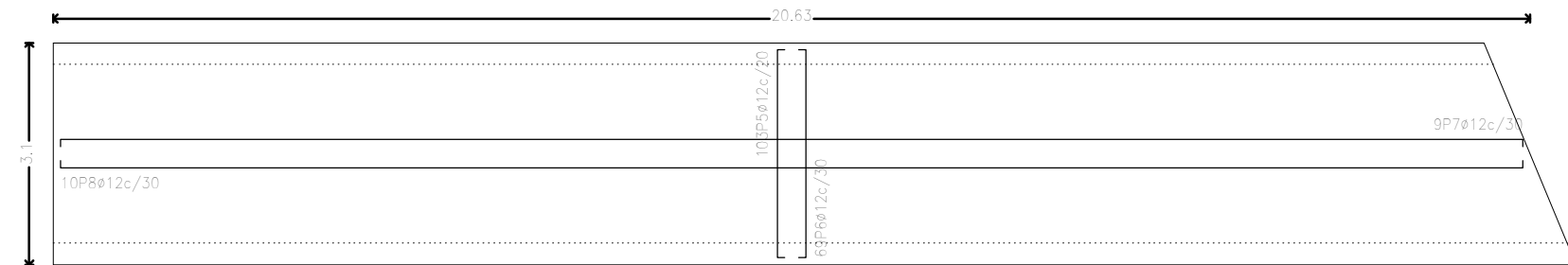
VISTA EN PLANTA



ARMAT LLOSA SUPERIOR

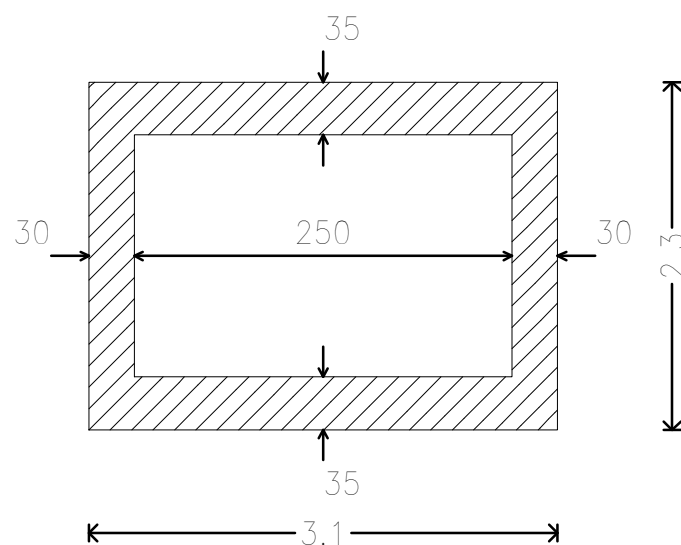


ARMAT LLOSA INFERIOR



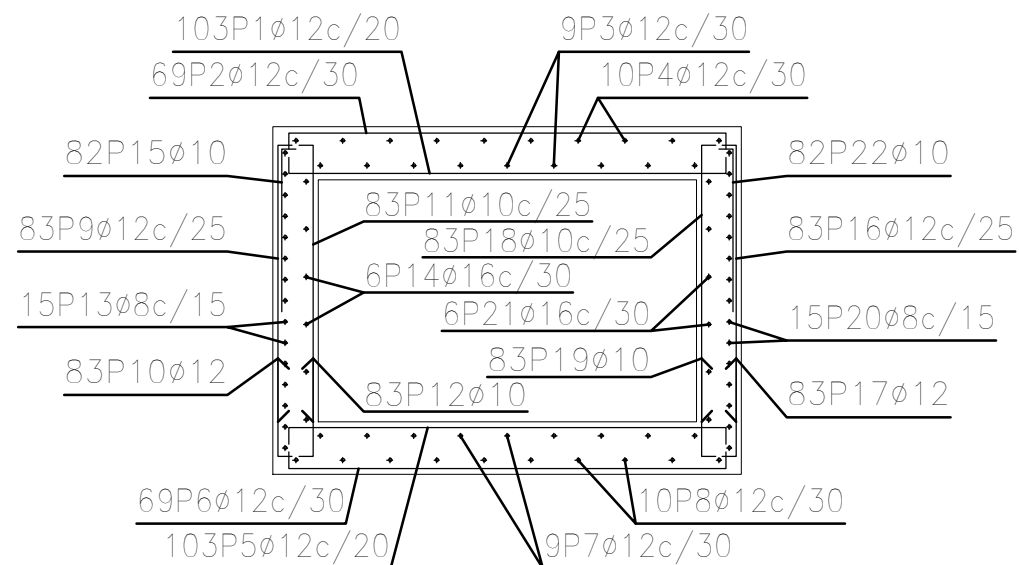
SECCIÓ TRANSVERSAL. GEOMETRIA

ESCAL 1:50



SECCIÓ TRANSVERSAL. ARMAT

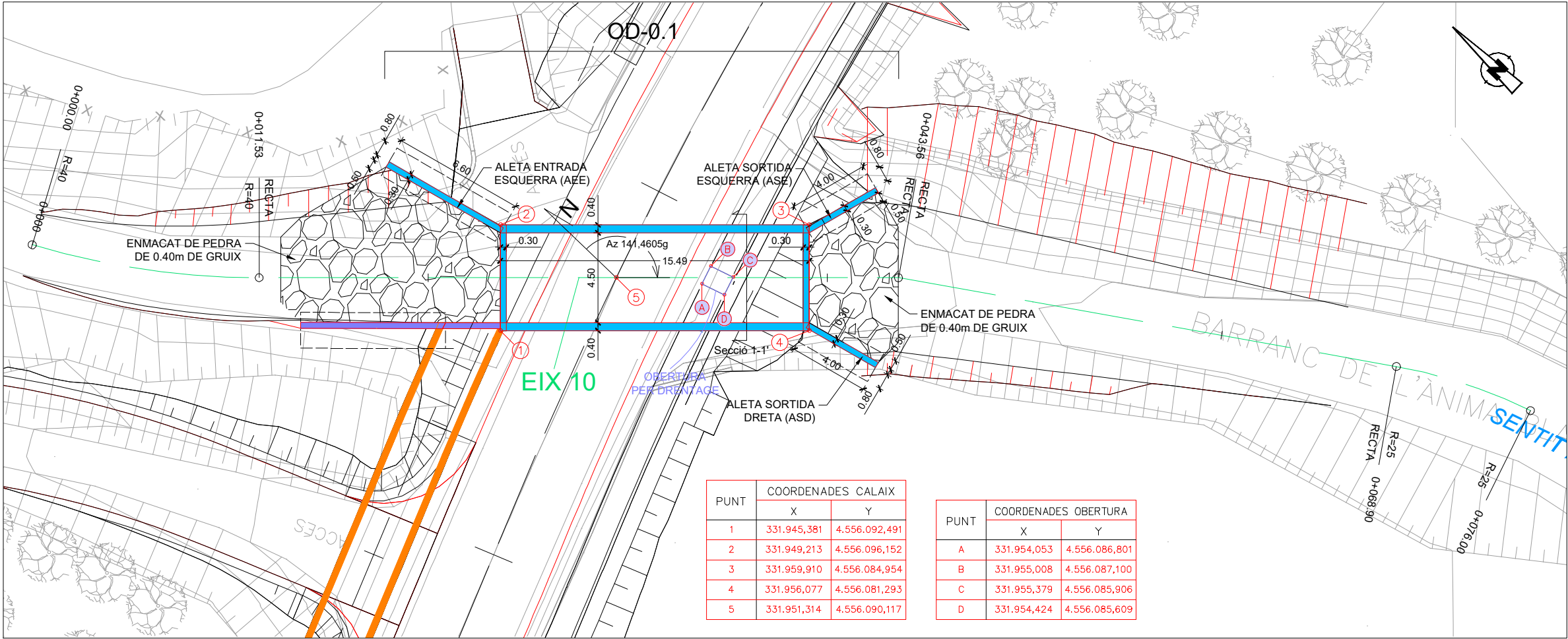
ESCAL 1:50



Mòdul										
POSICIÓ		Ø mm	NRE. PECES	LONGITUD m	FORMA L=cm		LONGITUD TOTAL m	PES kg/m	PES kp	
1	12	103	3,20	11			329.39	0.89	292.45	
2	12	69	3,60	31			248.26	0.89	220.42	
3	12	9	21.17	22			190.51	0.89	169.14	
4	12	10	21.19	23			211.92	0.89	188.15	
5	12	103	3,31	17			340.72	0.89	302.51	
6	12	69	3,35	19			231.01	0.89	205.10	
7	12	9	21.17	22			190.51	0.89	169.14	
8	12	10	21.19	23			211.92	0.89	188.15	
9	12	83	2,09	20			173.55	0.89	154.09	
10	12	83	0,91	20			75.12	0.89	66.69	
11	10	83	2,09	20			173.55	0.62	107.00	
12	10	83	0,81	10			66.90	0.62	41.25	
13	8	15	21.13	18			316.98	0.39	125.09	
14	16	6	21.68	17			130.10	1.58	205.35	
15	10	82	1,17	10			96.31	0.62	59.38	
16	12	83	2,09	20			173.55	0.89	154.09	
17	12	83	0,91	20			75.12	0.89	66.69	
18	10	83	2,09	20			173.55	0.62	107.00	
19	10	83	0,81	10			66.90	0.62	41.25	
20	8	15	21.13	18			316.98	0.39	125.09	
21	16	6	21.68	17			130.10	1.58	205.35	
22	10	82	1,17	10			96.31	0.62	59.38	
							Ø8	633.96	0.39	250.18
							Ø10	673.52	0.62	415.26
							Ø12	2451.56	0.89	2176.62
							Ø16	260.20	1.58	410.70
B 500 S, CN							Pes total		3252.76	
							Pes total amb minves (10.00%)		3578.04	

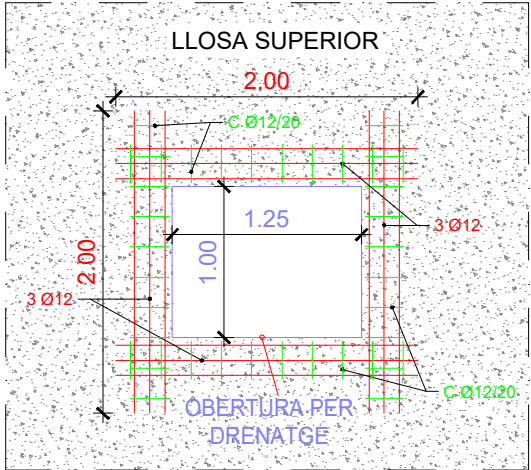
Canal cobert
Canal de formigó, tram cobert
Escala: 1:100

DEFINICIÓ GEOMÈTRICA OD-0.1

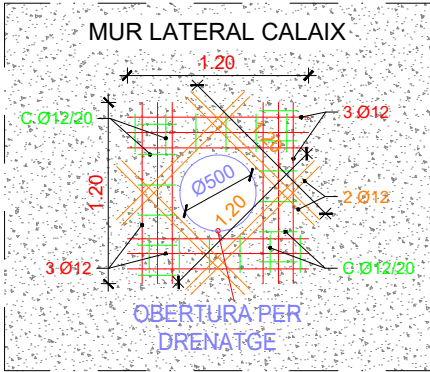


PUNT	COORDENADES CALAIX	
	X	Y
1	331.945,381	4.556.092,491
2	331.949,213	4.556.096,152
3	331.959,910	4.556.084,954
4	331.956,077	4.556.081,293
5	331.951,314	4.556.090,117

PUNT	COORDENADES OBERTURA	
	X	Y
A	331.954,053	4.556.086,801
B	331.955,008	4.556.087,100
C	331.955,379	4.556.085,906
D	331.954,424	4.556.085,609

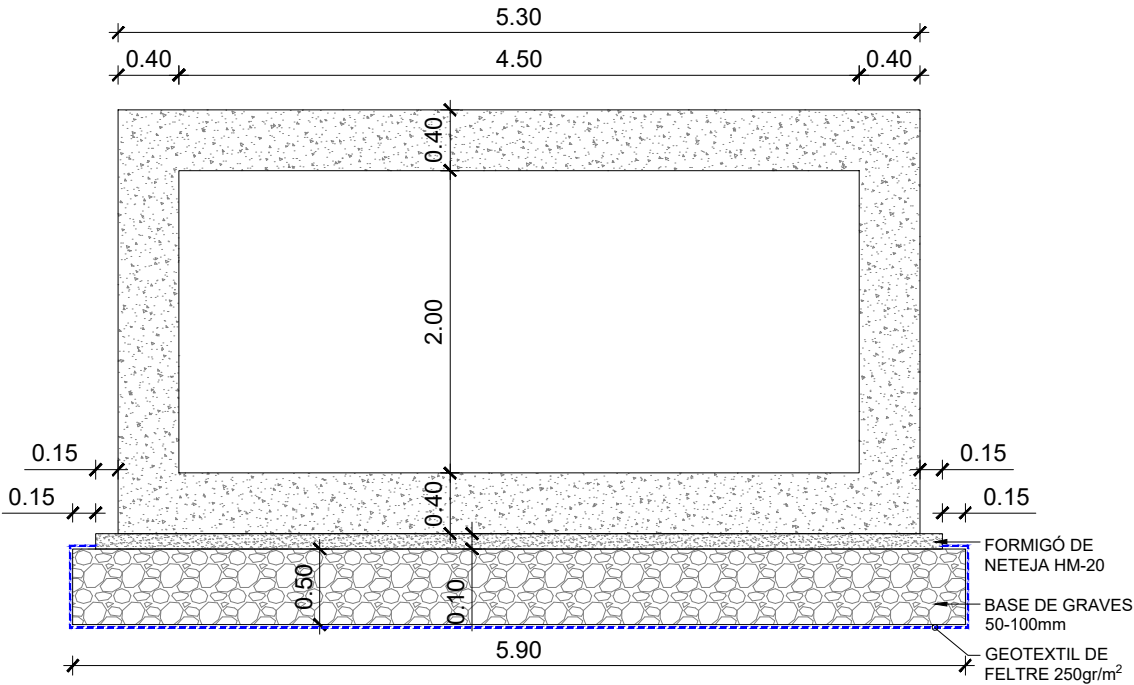


DETALL REFORÇOS EN LLOSA SUPERIOR DEL CALAIX PER OBERTURA DE DRENATGE
ESCAL 1:50

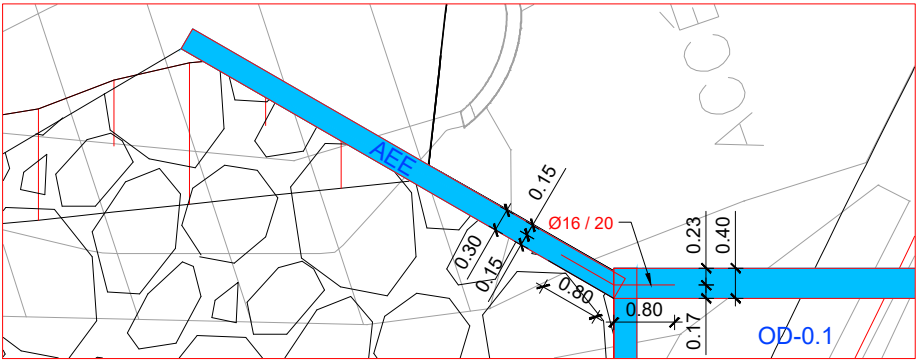


DETALL REFORÇOS EN MURS VERTICALS DEL CALAIX PER FORATS CIRCULARS
ESCAL 1:50

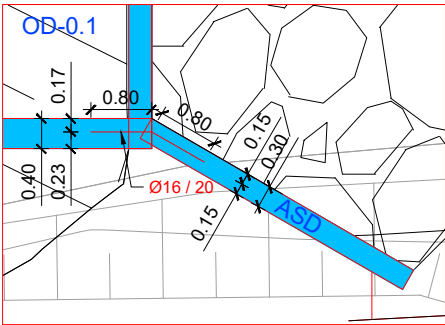
PLANTA
ESCAL 1:250



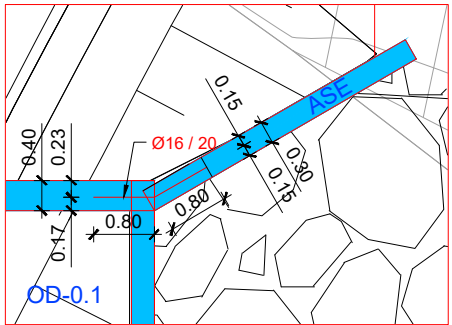
SECCIÓ OD-0.1
ESCAL 1:50



ALETA ENTRADA ESQUERRA (AEE)



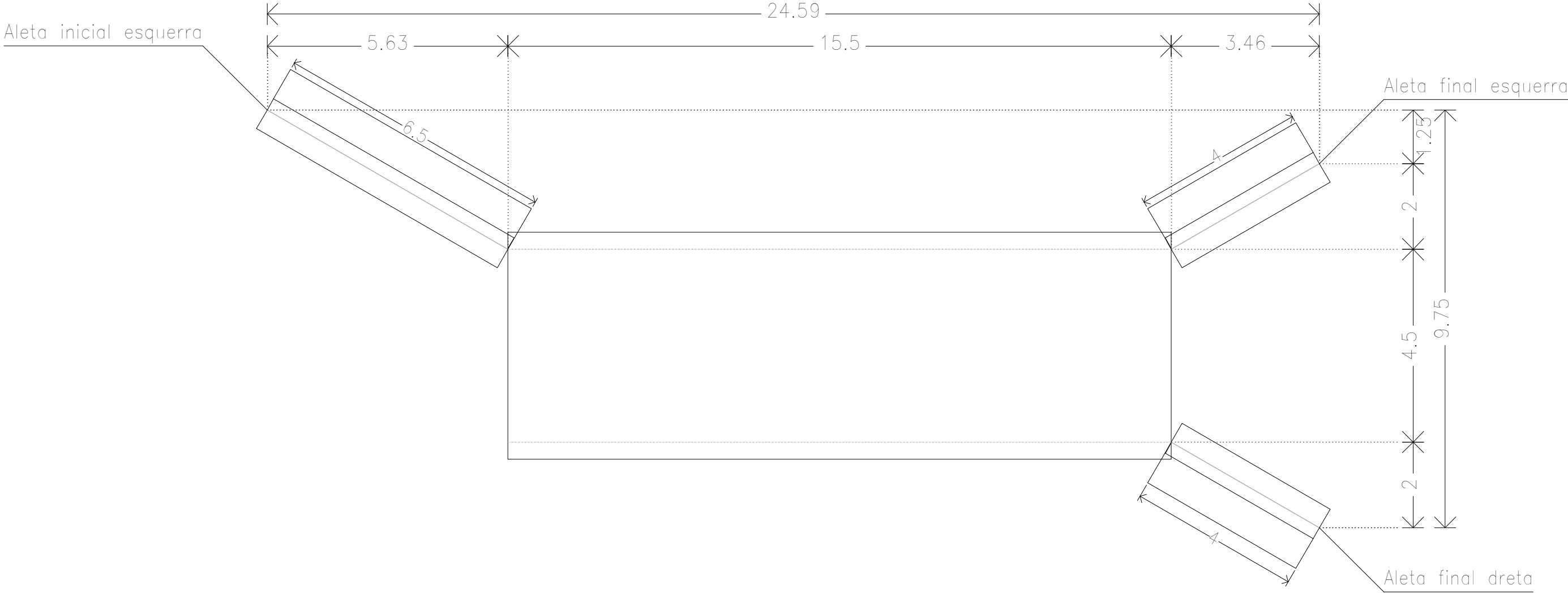
ALETA SORTIDA DRETA (ASD)



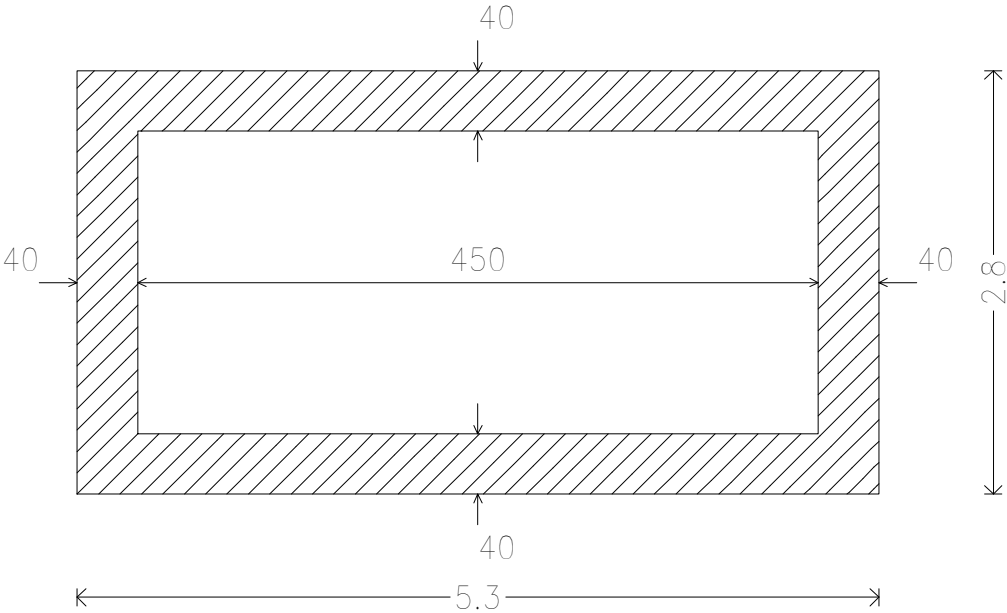
ALETA SORTIDA ESQUERRA (ASE)

DETALL ARMADURA D'UNIÓ CALAIX AMB ALETES
ESCAL 1:100

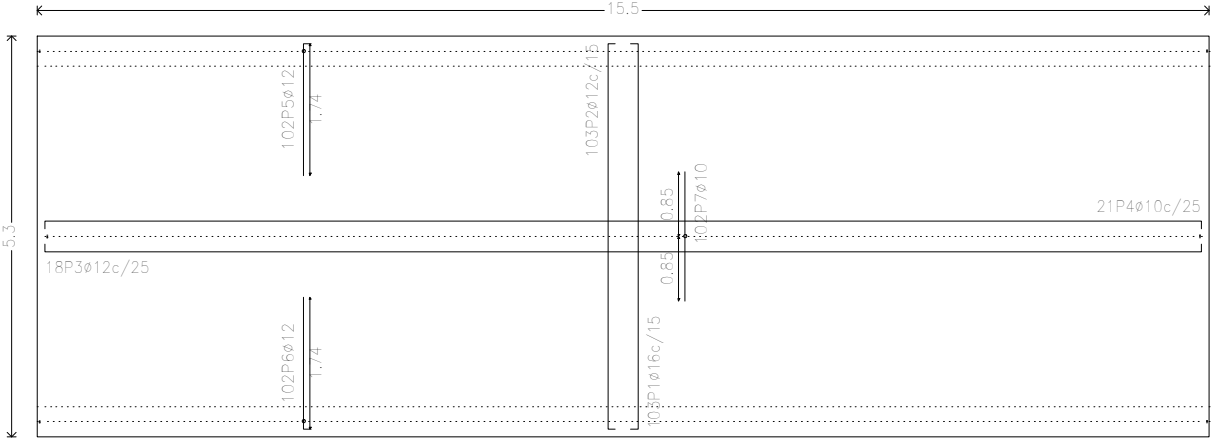
OD-0.1 PLANTA GEOMETRIA
ESCAL 1:100



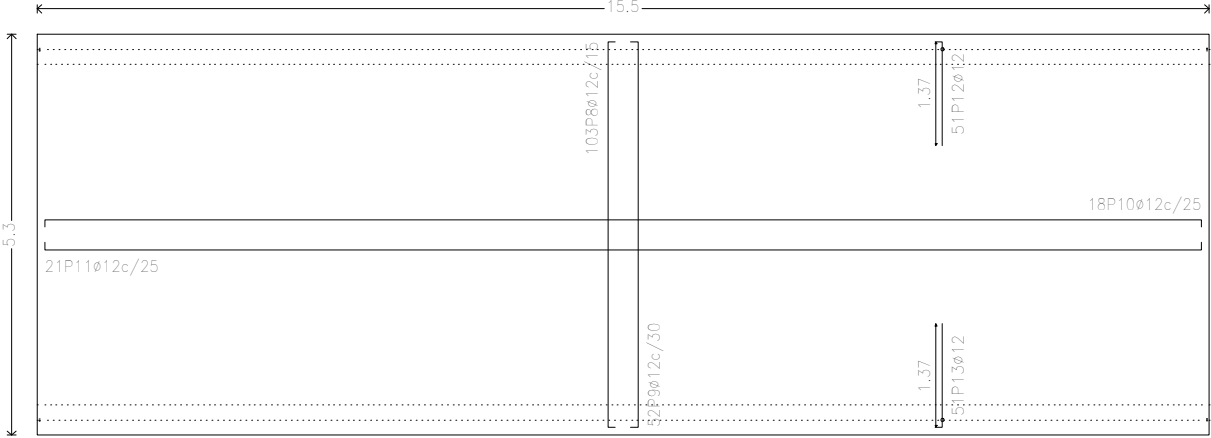
OD-0.1 SECCIÓ TRANSVERSAL GEOMETRIA
ESCAL 1:50



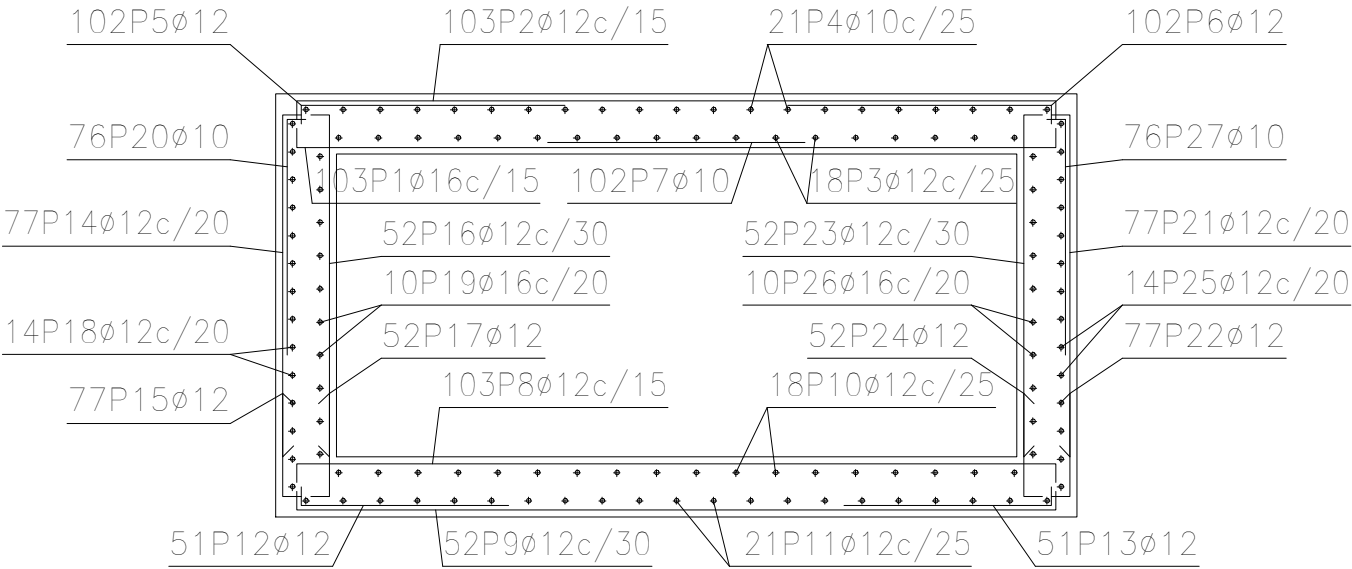
PLANTA ARMAT LLOSA SUPERIOR



PLANTA ARMAT LLOSA INFERIOR



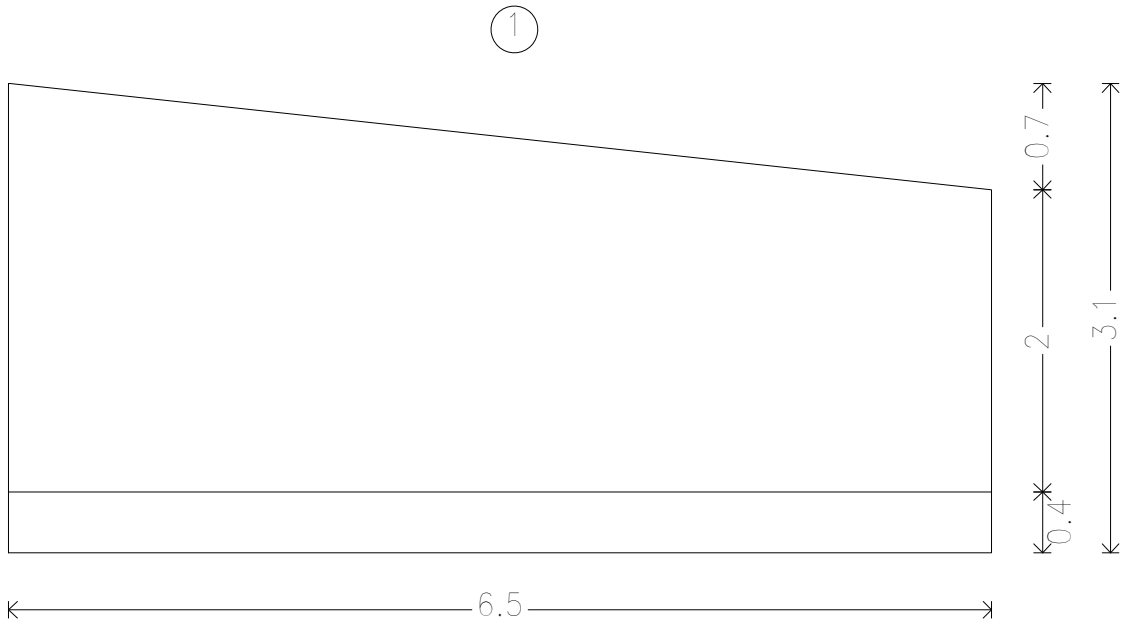
ARMAT SECCIÓ TRANSVERSAL
ESCAL 1:50



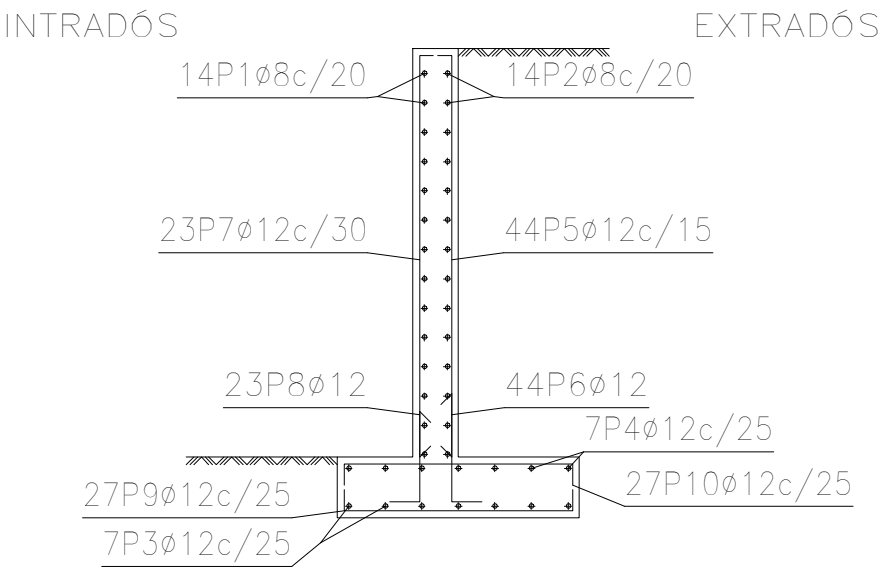
Mòdul								
POSICIÓ	ø mm	NRE. PECES	LONGITUD m	FORMA L=cm	LONGITUD TOTAL m	PES kg/m	PES kp	
1	16	103	5.69	517	585.66	1.58	924.36	
2	12	103	5.69	517	586.07	0.89	520.33	
3	12	18	16.13	1542	290.41	0.89	257.84	
4	10	21	15.92	1542	334.32	0.62	206.12	
5	12	102	2.01	174	204.84	0.89	181.86	
6	12	102	2.01	174	204.84	0.89	181.86	
7	10	102	1.70	170	173.86	0.62	107.19	
8	12	103	5.35	517	551.05	0.89	489.24	
9	12	52	5.44	517	282.88	0.89	251.15	
10	12	18	16.14	1542	290.48	0.89	257.90	
11	12	21	16.16	1542	339.40	0.89	301.33	
12	12	51	1.57	137	80.12	0.89	71.13	
13	12	51	1.57	137	80.12	0.89	71.13	
14	12	77	2.48	234	190.81	0.89	169.40	
15	12	77	0.89	76	68.53	0.89	60.84	
16	12	52	2.54	234	132.24	0.89	117.40	
17	12	52	0.85	76	43.94	0.89	39.01	
18	12	14	16.28	1542	227.89	0.89	202.33	
19	16	10	16.55	1541	165.54	1.58	261.28	
20	10	76	1.76	156	133.55	0.62	82.34	
21	12	77	2.48	234	190.81	0.89	169.40	
22	12	77	0.89	76	68.53	0.89	60.84	
23	12	52	2.54	234	132.24	0.89	117.40	
24	12	52	0.85	76	43.94	0.89	39.01	
25	12	14	16.28	1542	227.89	0.89	202.33	
26	16	10	16.55	1541	165.54	1.58	261.28	
27	10	76	1.76	156	133.55	0.62	82.34	
					ø10	775.28	0.62	477.99
					ø12	4237.03	0.89	3761.73
					ø16	916.74	1.58	1446.92
B 500 S, CN						Pes total	5686.64	
						Pes total amb minves (10.00%)	6255.30	

ALETA INICIAL ESQUERRA
ESCAL 1:50

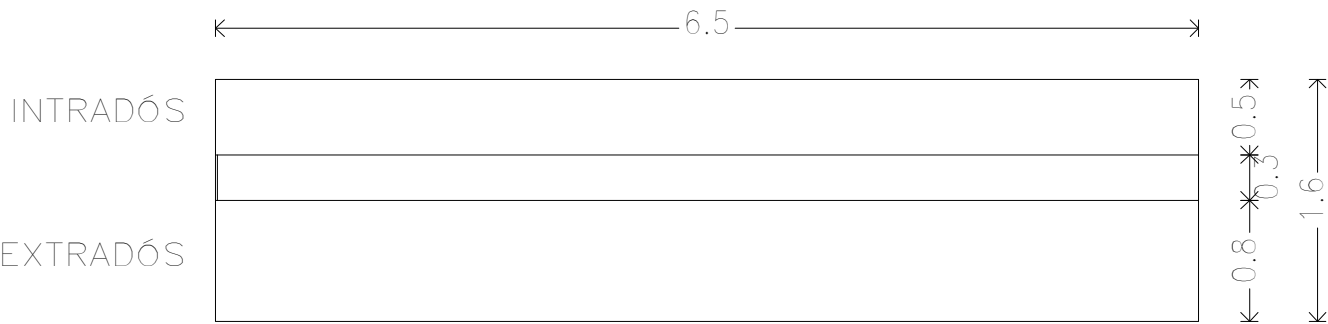
ALÇAT



SECCIÓ TRANSVERSAL. ARMAT



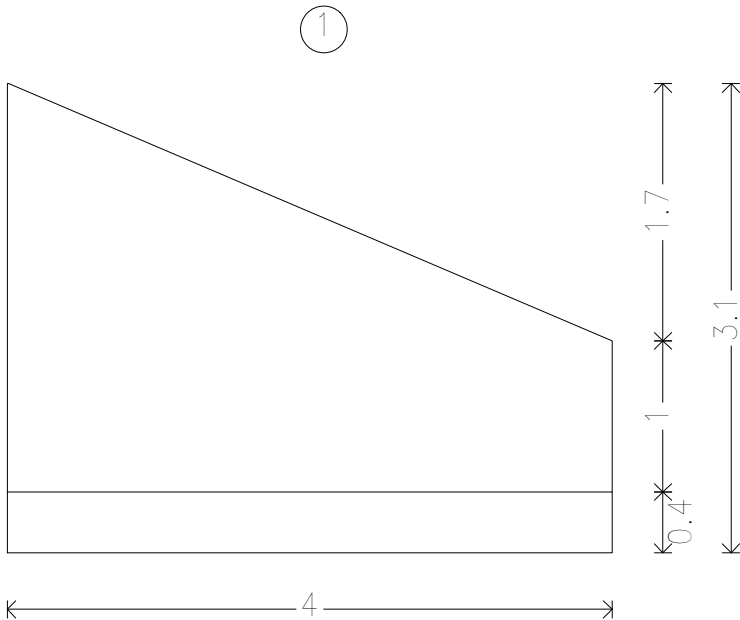
PLANTA



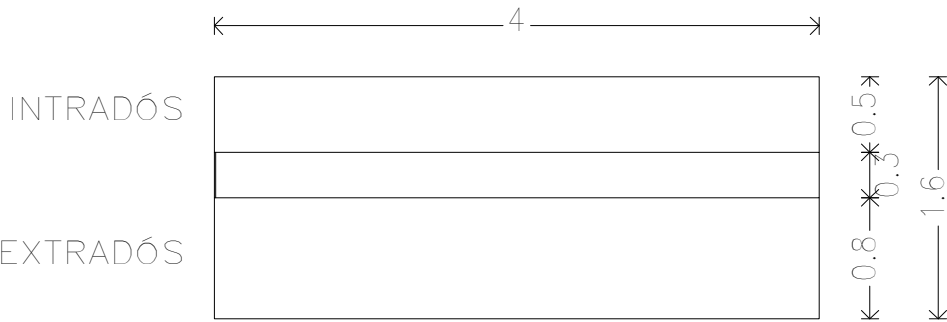
Aleta inicial esquerra									
POSICIÓ	ø mm	NRE. PECES	LONGITUD m	FORMA L=cm		LONGITUD TOTAL m	PES kg/m	PES kp	
1	8	14	1.24 - 6.83	20	83 - 642	20	83.60	0.39	32.99
2	8	14	1.31 - 6.83	20	91 - 642	20	83.90	0.39	33.11
3	12	7	6.82	20	642	20	47.73	0.89	42.37
4	12	7	6.82	20	642	20	47.73	0.89	42.37
5	12	44	2.17 - 2.86	20	197 - 266		110.70	0.89	98.28
6	12	44	0.96	20	76		42.02	0.89	37.31
7	12	23	2.17 - 2.86	20	197 - 266		57.87	0.89	51.38
8	12	23	0.84	20	64		19.21	0.89	17.05
9	12	27	2.12	30	152	30	57.19	0.89	50.77
10	12	27	2.12	30	152	30	57.19	0.89	50.77
						ø8	167.50	0.39	66.10
						ø12	439.64	0.89	390.30
B 500 S, CN							Pes total		456.40
							Pes total amb minves (10.00%)		502.04

ALETA FINAL DRETA
ESCAL 1:50

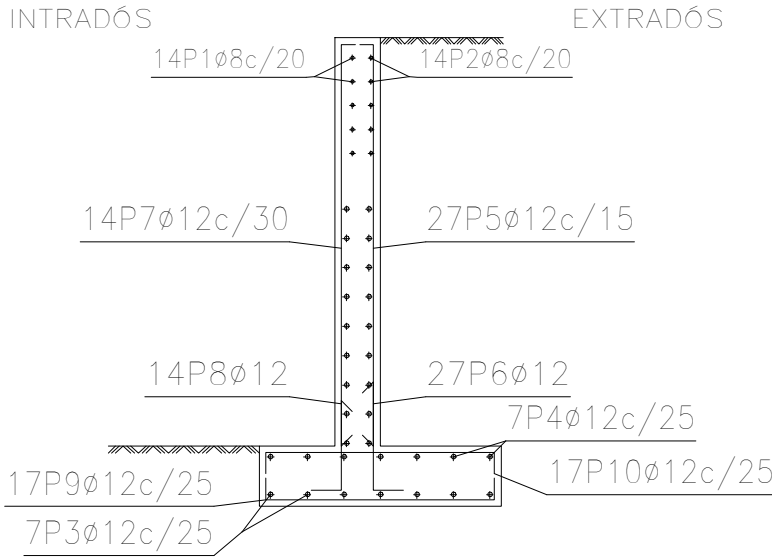
ALÇAT



PLANTA



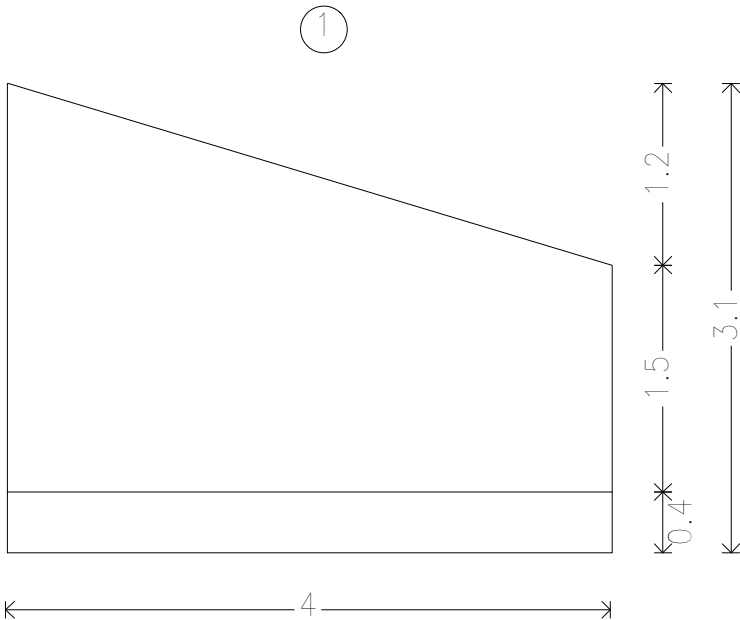
SECCIÓ TRANSVERSAL. ARMAT



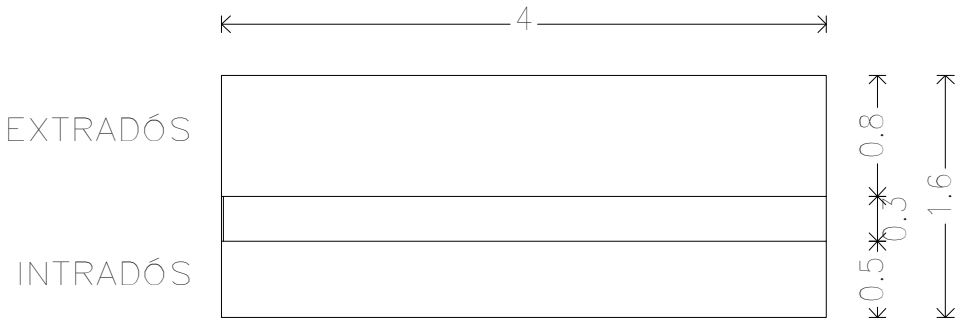
Aleta final dreta									
POSICIÓ	ø mm	NRE. PECES	LONGITUD m	FORMA L=cm		LONGITUD TOTAL m	PES kg/m	PES kp	
1	8	14	0.59 - 4.33	20	18 - 392	20	42.68	0.39	16.84
2	8	14	0.60 - 4.33	20	20 - 392	20	42.85	0.39	16.91
3	12	7	4.32	20	392	20	30.23	0.89	26.84
4	12	7	4.32	20	392	20	30.23	0.89	26.84
5	12	27	1.18 - 2.85	20	98 - 265		54.44	0.89	48.33
6	12	27	0.96	20	76		25.79	0.89	22.89
7	12	14	1.18 - 2.85	20	98 - 265		28.23	0.89	25.06
8	12	14	0.84	20	64		11.69	0.89	10.38
9	12	17	1.92	20	152	20	32.61	0.89	28.95
10	12	17	1.92	20	152	20	32.61	0.89	28.95
						ø8	85.53	0.39	33.75
						ø12	245.83	0.89	218.24
B 500 S, CN							Pes total		251.99
							Pes total amb minves (10.00%)		277.19

ALETA FINAL ESQUERRA
ESCAL 1:50

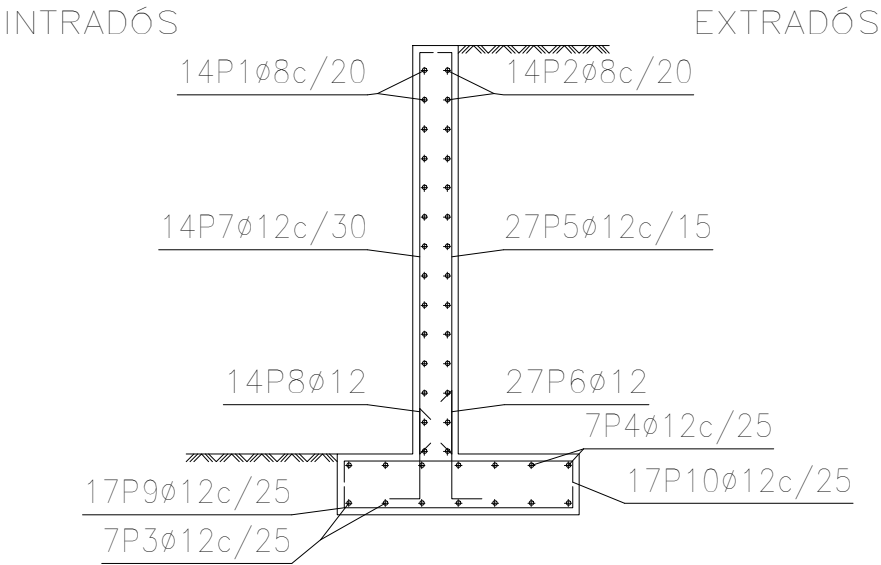
ALÇAT



PLANTA

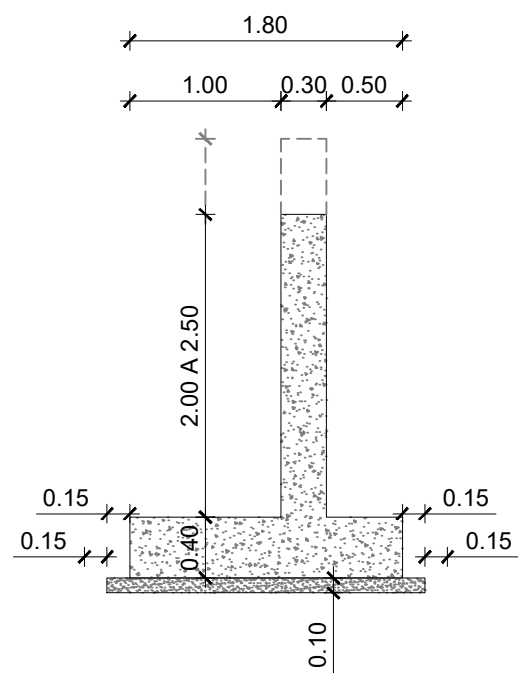
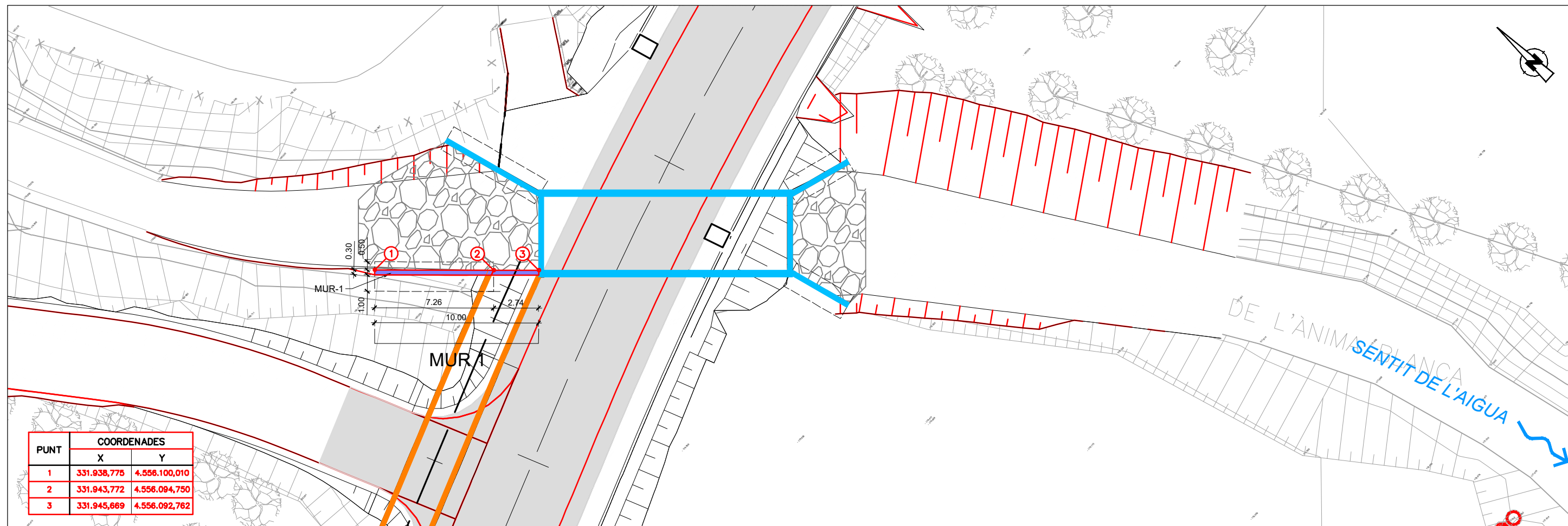


SECCIÓ TRANSVERSAL. ARMAT

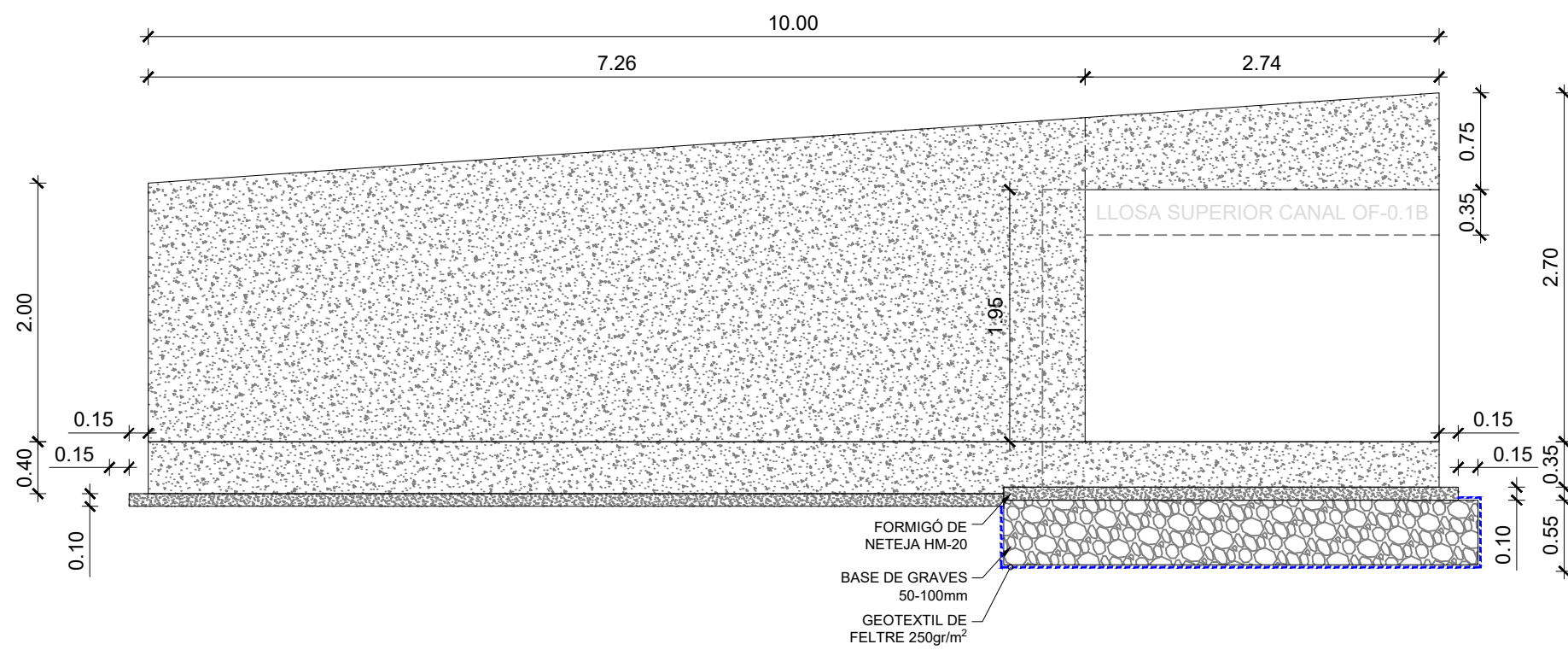


Aleta final esquerra									
POSICIÓ	ø mm	NRE. PECES	LONGITUD m	FORMA L=cm		LONGITUD TOTAL m	PES kg/m	PES kp	
1	8	14	0.68 - 4.33	20	28 - 392	48.00	0.39	18.94	
2	8	14	0.71 - 4.33	20	30 - 392	48.16	0.39	19.00	
3	12	7	4.32	20	392	30.23	0.89	26.84	
4	12	7	4.32	20	392	30.23	0.89	26.84	
5	12	27	1.68 - 2.85	20	148 - 265	61.20	0.89	54.33	
6	12	27	0.96	20	76	25.79	0.89	22.89	
7	12	14	1.68 - 2.85	20	148 - 265	31.73	0.89	28.17	
8	12	14	0.84	20	64	11.69	0.89	10.38	
9	12	17	1.92	20	152	32.61	0.89	28.95	
10	12	17	1.92	20	152	32.61	0.89	28.95	
						ø8	96.16	0.39	37.94
						ø12	256.09	0.89	227.35
B 500 S, CN						Pes total		265.29	
						Pes total amb minves (10.00%)		291.82	

DEFINICIÓ GEOMÈTRICA OD-0.1

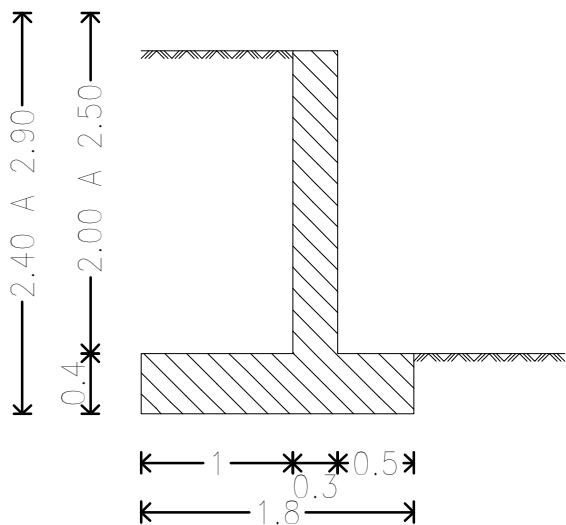


SECCIÓ MUR 1
ESCAL 1:50

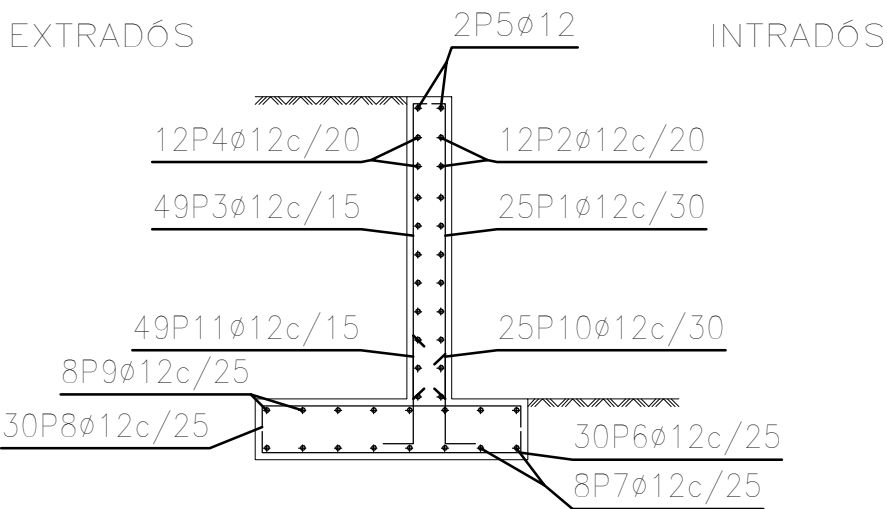


ALÇAT MUR 1
ESCAL 1:50

SECCIÓ GEOMETRIA

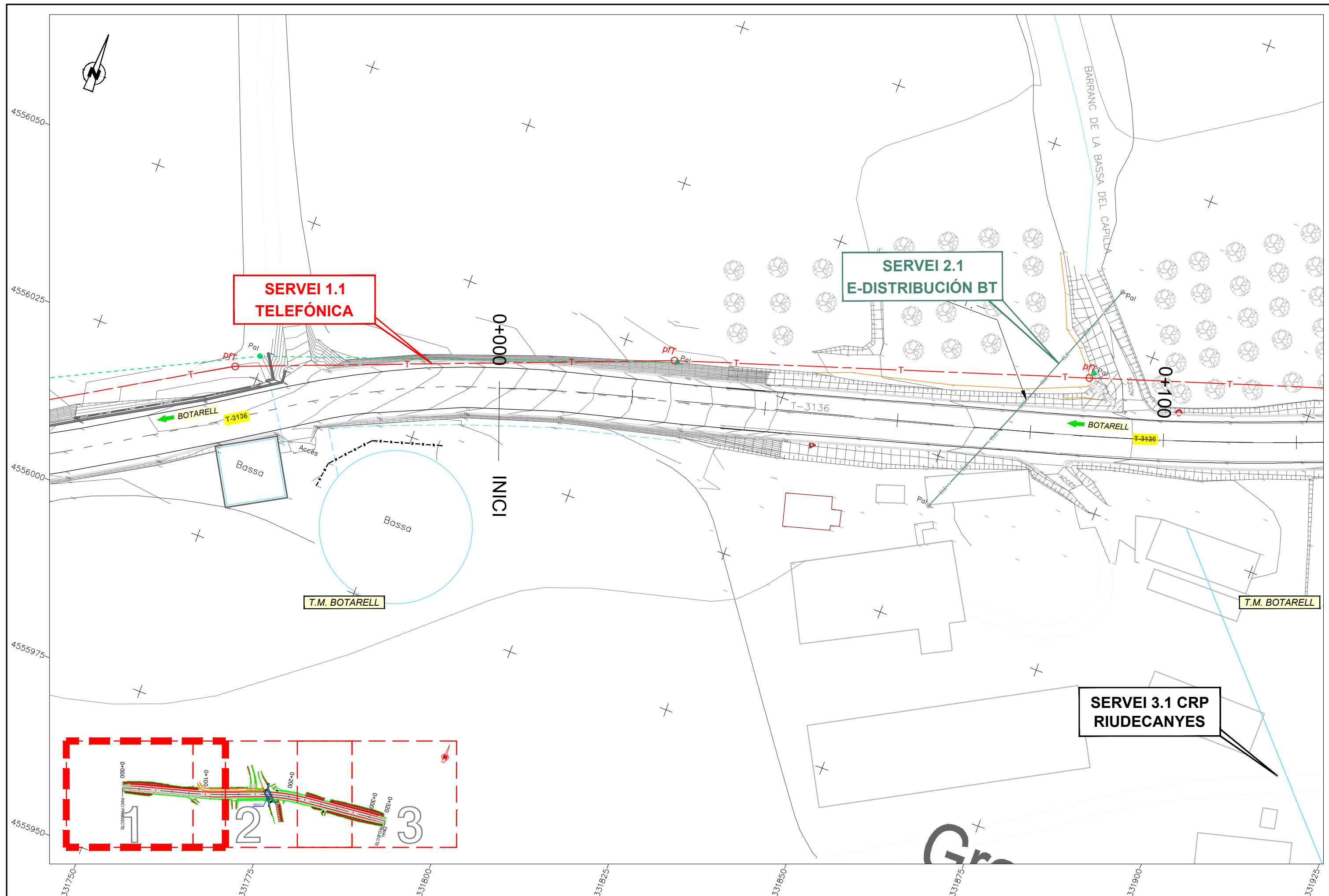


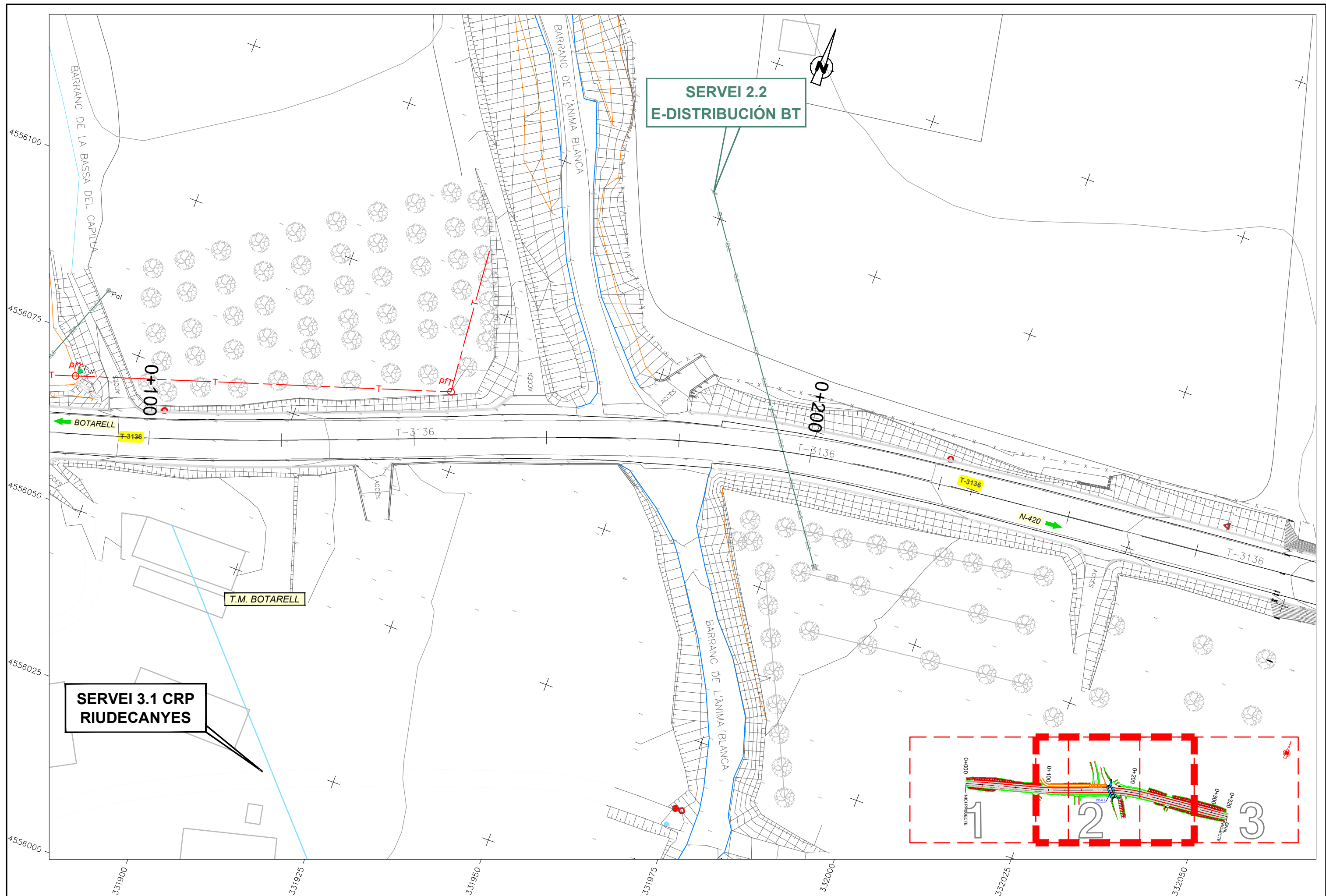
SECCIÓ ARMAT

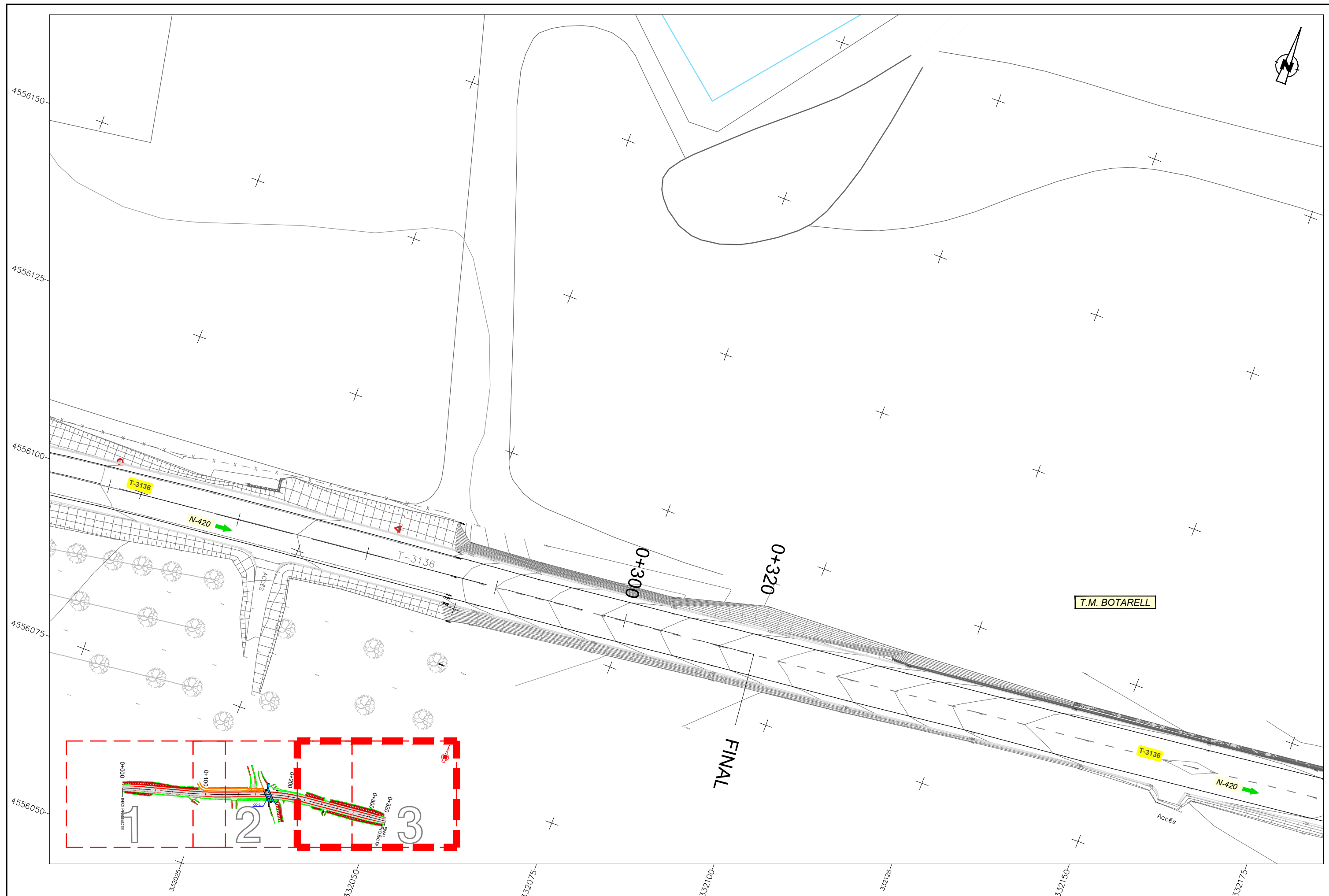


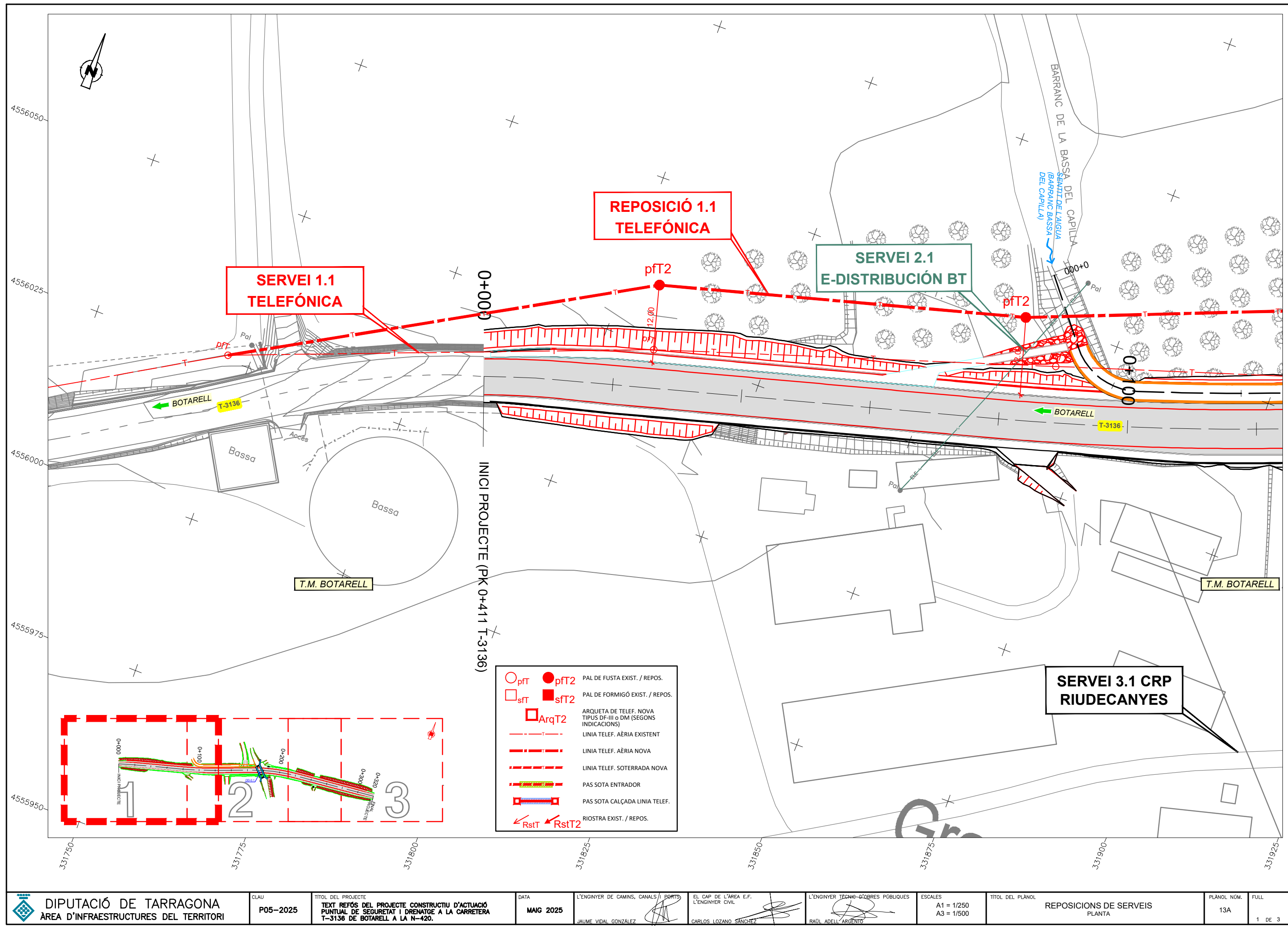
Mur							
POSICIÓ	Ø mm	NRE. PECES	LONGITUD m	FORMA L=cm	LONGITUD TOTAL m	PES kg/m	PES kp
1	12	25	2.40	21 219	60.10	0.89	53.36
2	12	12	7.12	712	85.44	0.89	75.86
3	12	49	2.40	21 219	117.80	0.89	104.58
4	12	12	7.12	712	85.44	0.89	75.86
5	12	2	7.12	712	14.24	0.89	12.64
6	12	30	2.15	25 165 25	64.44	0.89	57.21
7	12	8	7.12	712	56.96	0.89	50.57
8	12	30	2.15	25 165 25	64.44	0.89	57.21
9	12	8	7.12	712	56.96	0.89	50.57
10	12	25	0.92	30 62	23.00	0.89	20.42
11	12	49	1.04	30 74	50.96	0.89	45.24
Ø12					679.78	0.89	603.52
B 500 S, CN					Pes total		603.52
					Pes total amb minves (10.00%)		663.87

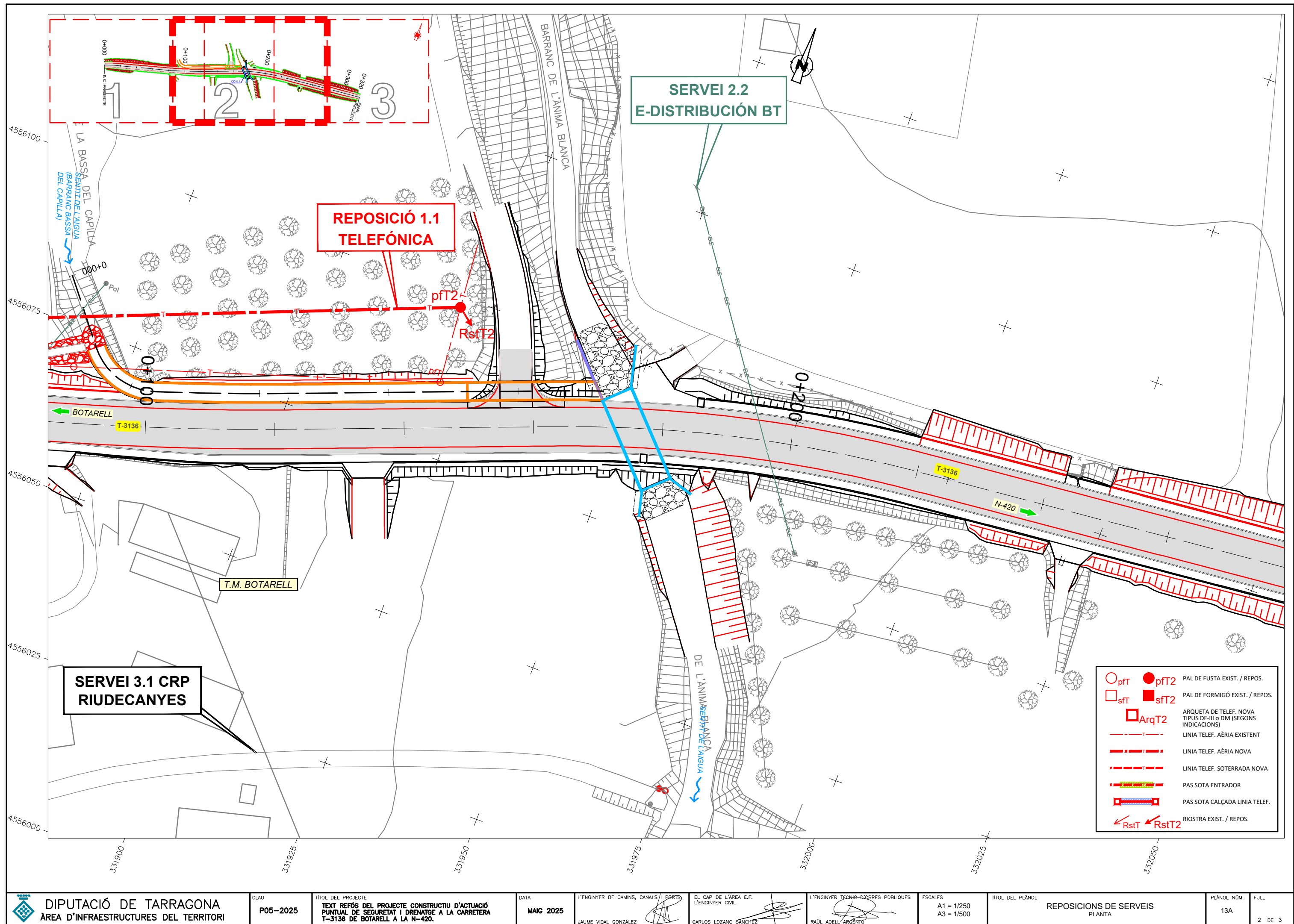
Mur 1
Mur riera costat dret
Norma: Codi estructural
Formigó: HA-25/B/20/XC2
Acer de barres: B 500 S, Control Normal
Tipus d'ambient: Clase XC2
Recobriment a l'intradós del mur: 3.0 cm
Recobriment a l'extradós del mur: 3.0 cm
Recobriment superior de la fonamentació: 5.0 cm
Recobriment inferior de la fonamentació: 5.0 cm
Recobriment lateral de la fonamentació: 7.0 cm
Grandària màxima del granulat: 30 mm
Escala: 1:100

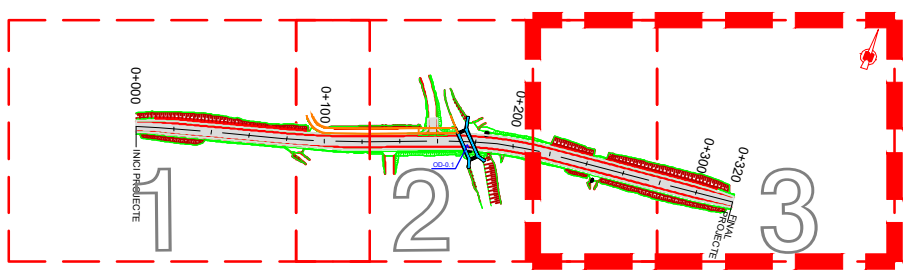
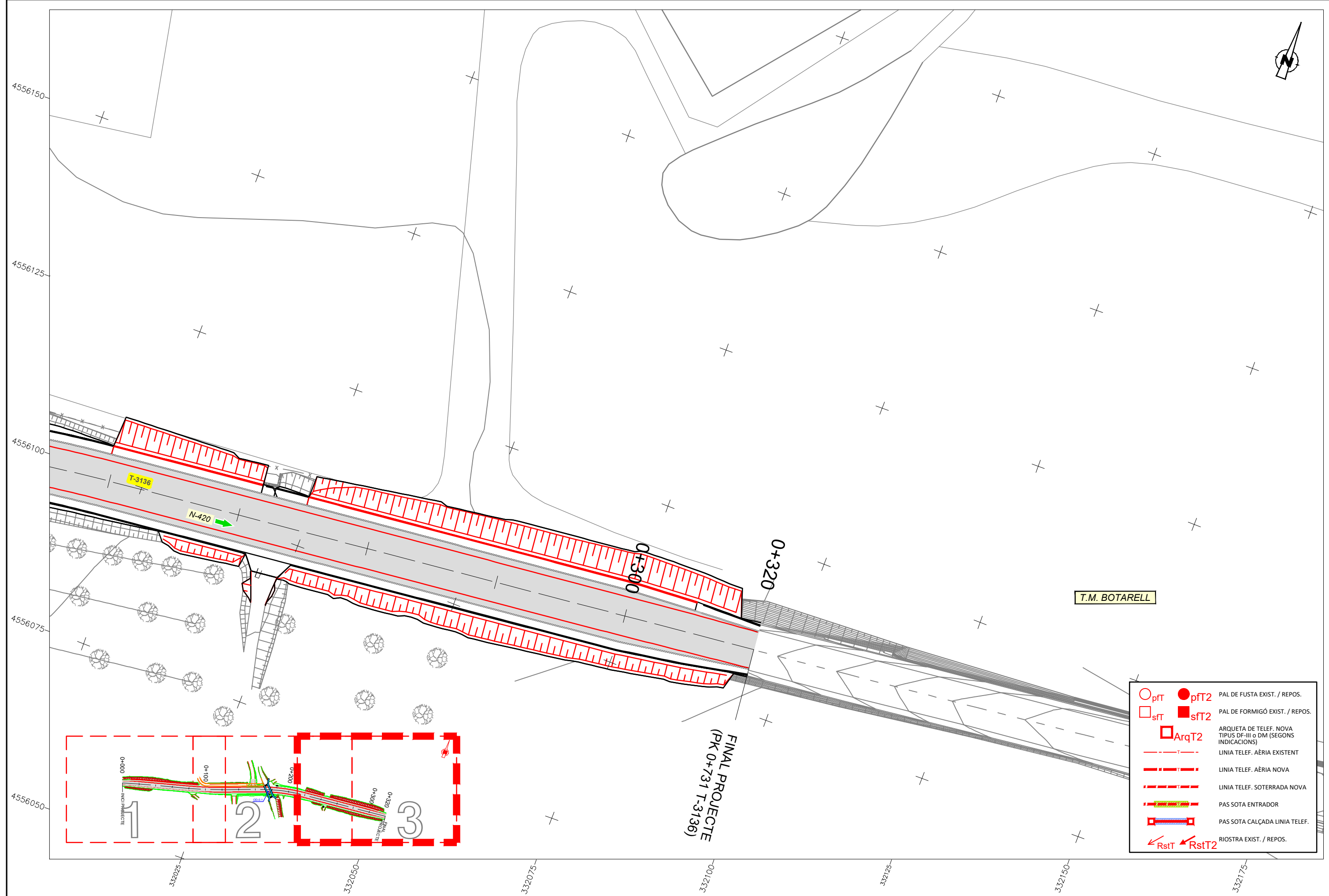






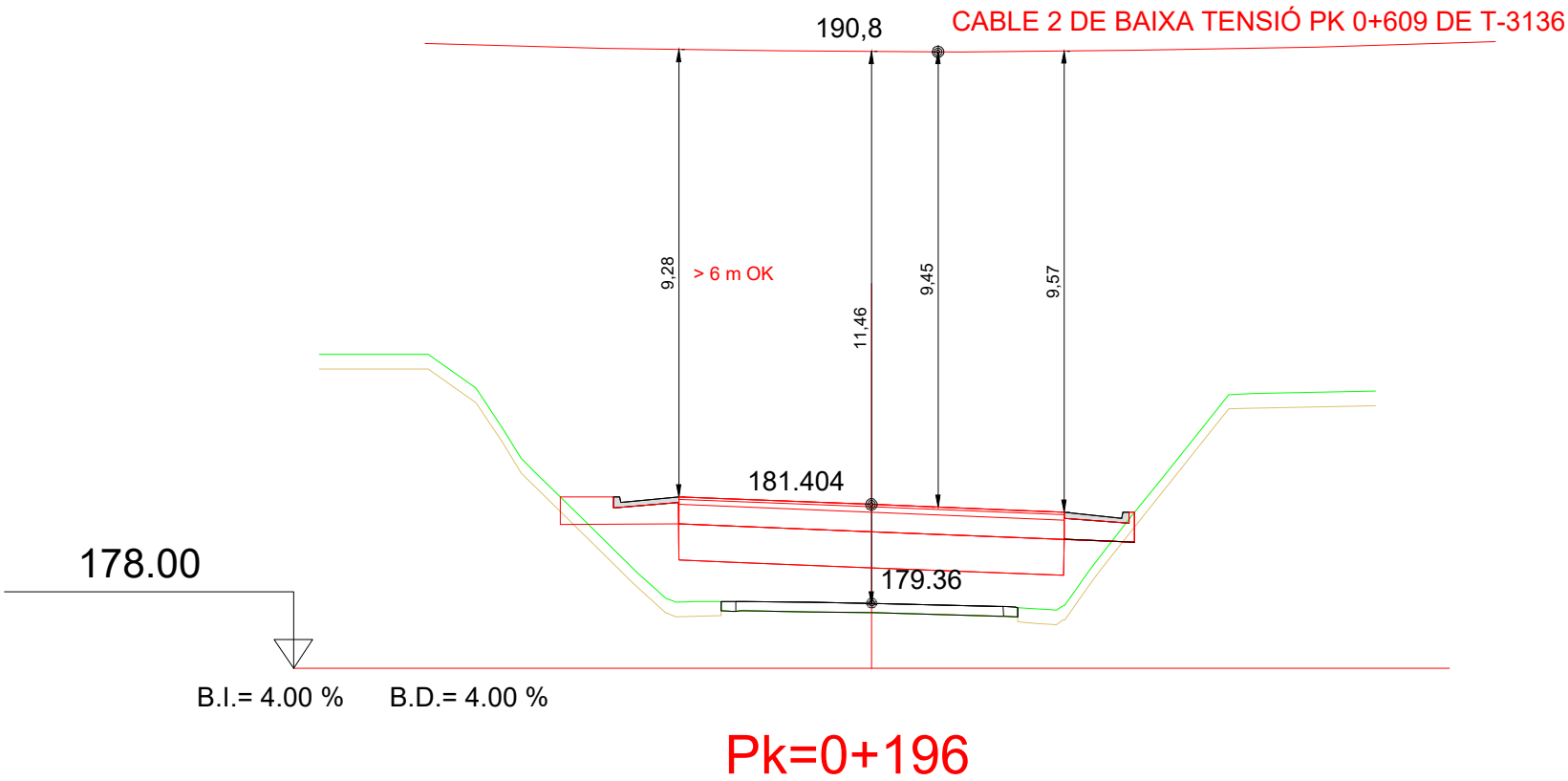
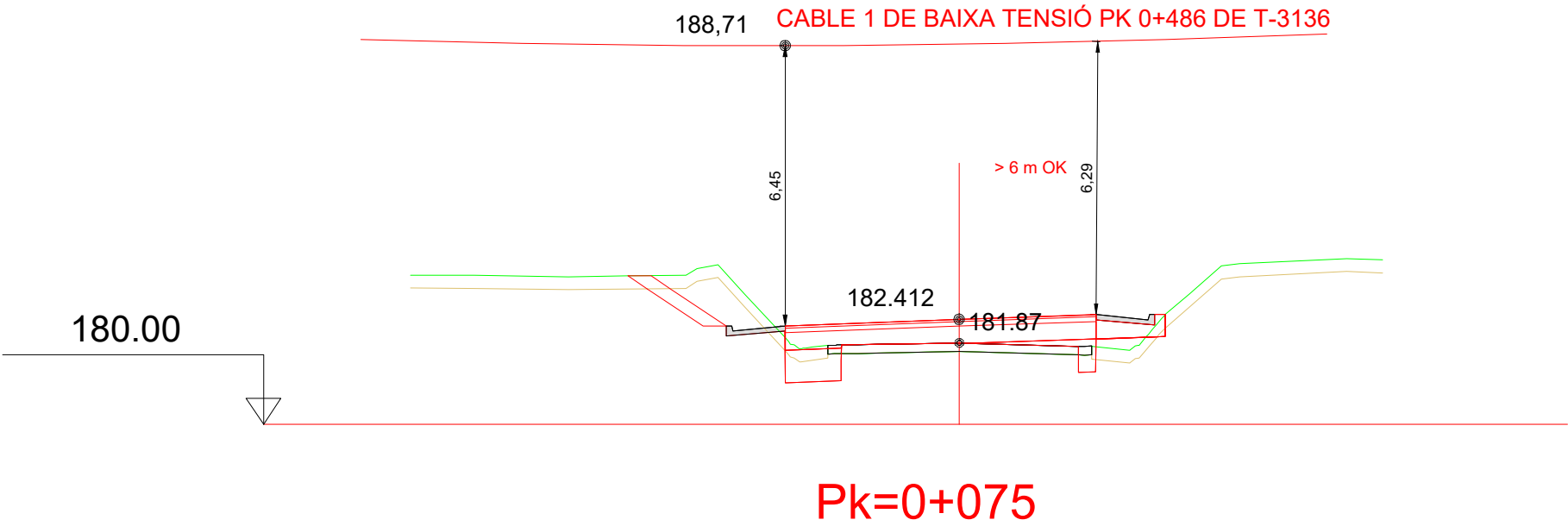


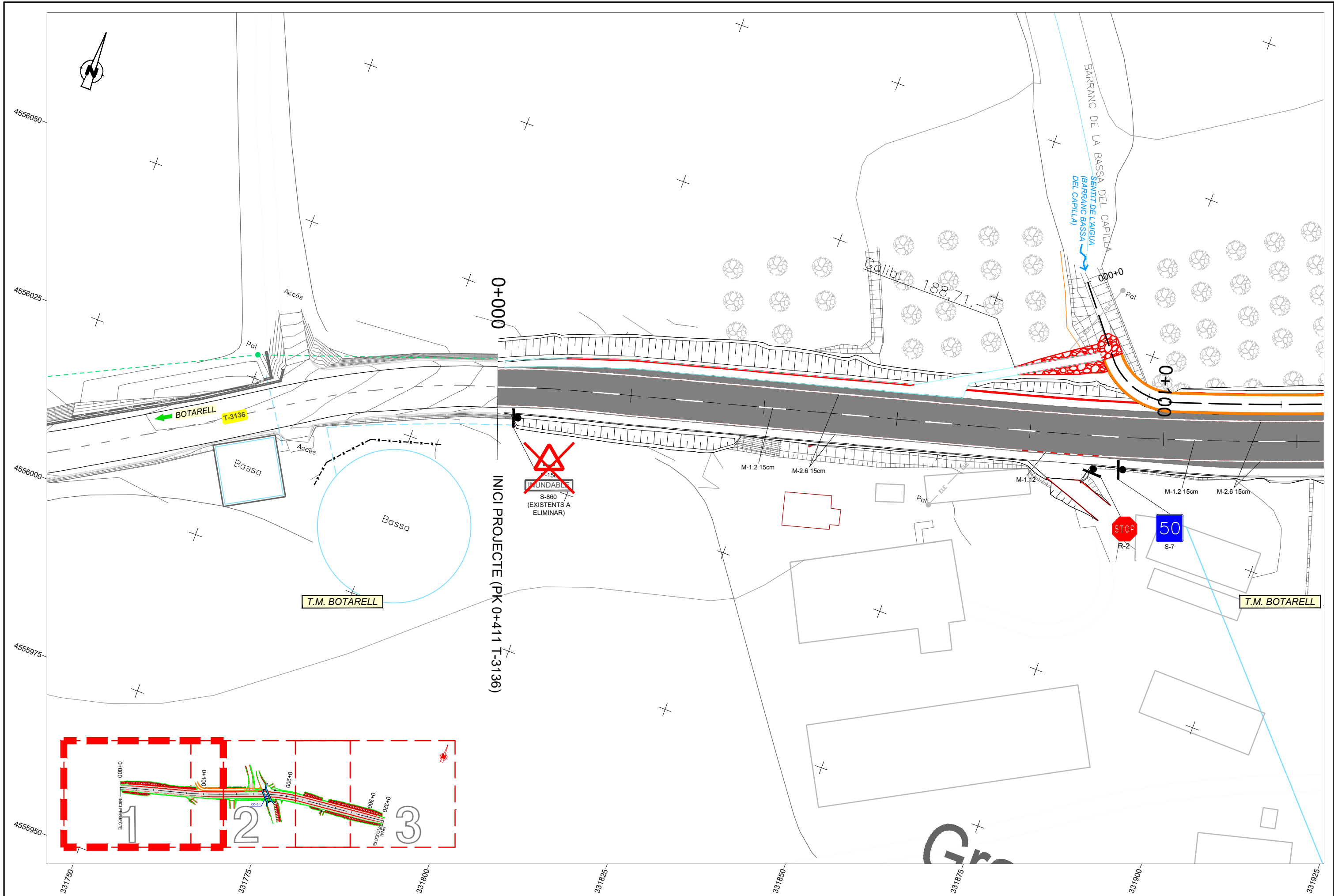


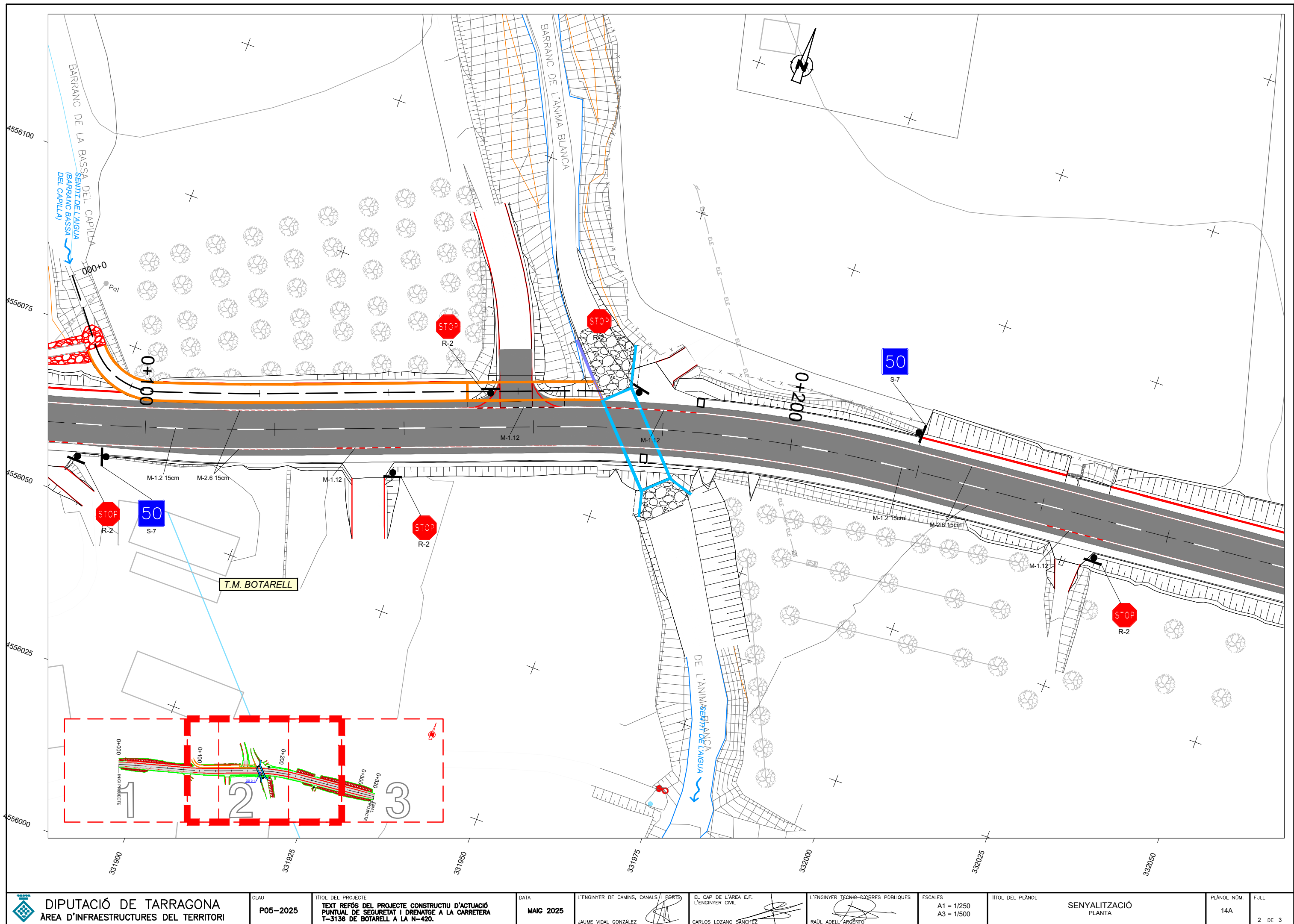


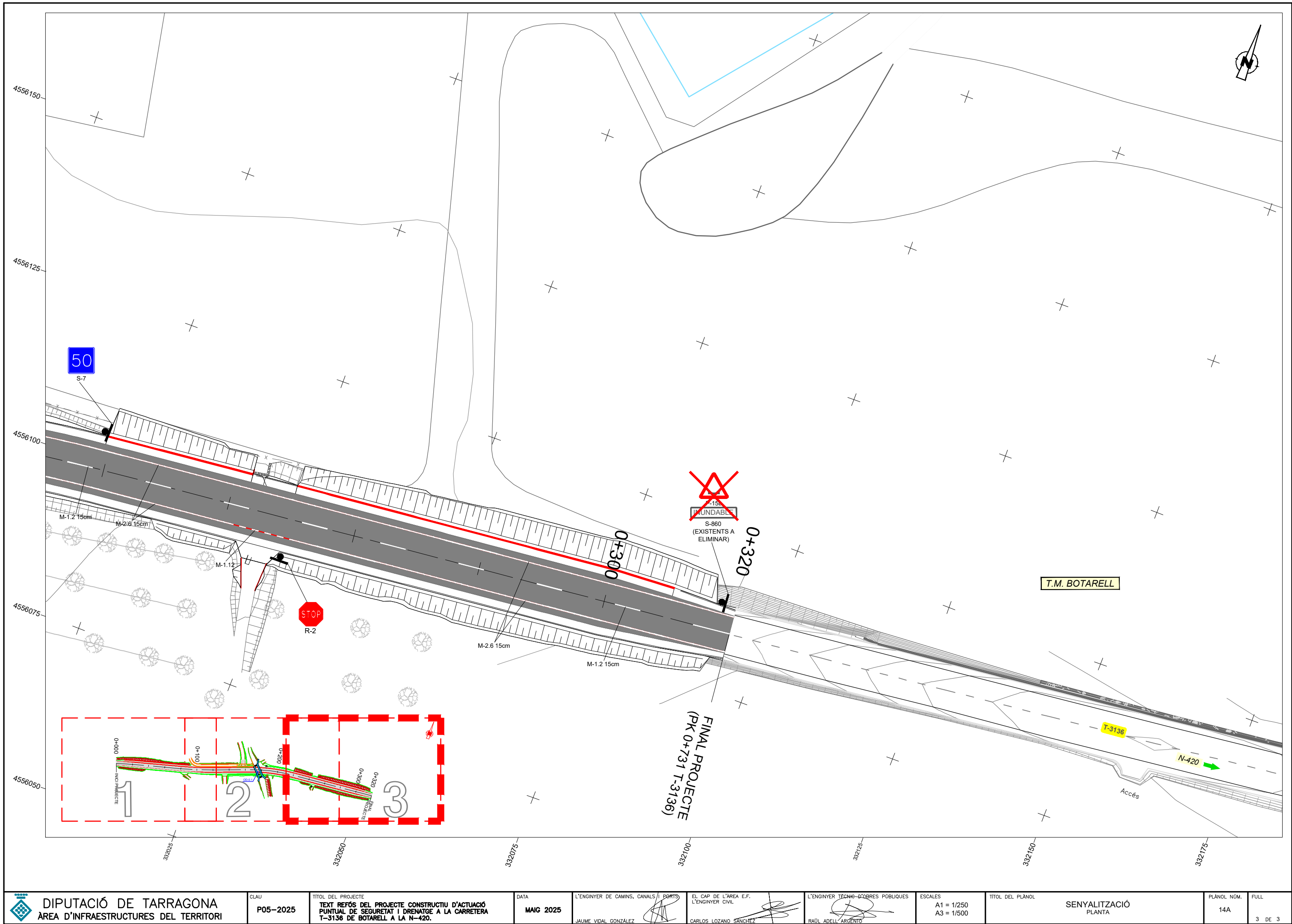
-
- PAL DE FUSTA EXIST. / REPOS.
- PAL DE FORMIGÓ EXIST. / REPOS.
- ARQUETA DE TELEF. NOVA TIPUS DF-III o DM (SEGONS INDICACIONS)
- LÍNIA TELEF. AÈRIA EXISTENT
- LÍNIA TELEF. AÈRIA NOVA
- LÍNIA TELEF. SOTERRADA NOVA
- PAS SOTA ENTRADOR
- PAS SOTA CALÇADA LÍNIA TELEF.
- RIOSTRA EXIST. / REPOS.

GÀLIBS LLIURES EN CREUAMENTS
SOTA CABLES BT









DIPUTACIÓ DE TARRAGONA
ÀREA D'INFRAESTRUCTURES DEL TERRITORI

CLAU
P05-2025

TÍTOL DEL PROJECTE
TEXT REFÓS DEL PROJECTE CONSTRUCTIU D'ACTUACIÓ
PUNTUAL DE SEGURETAT I DRENATGE A LA CARRETERA
T-3136 DE BOTARELL A LA N-420.

DATA
MAIG 2025

L'ENGINYER DE CAMINS, CANALS I PORTS
JAUME VIDAL GONZÁLEZ

EL CAP DE L'ÀREA E.F.
L'ENGINYER CIVIL
CARLOS LOZANO SÁNCHEZ

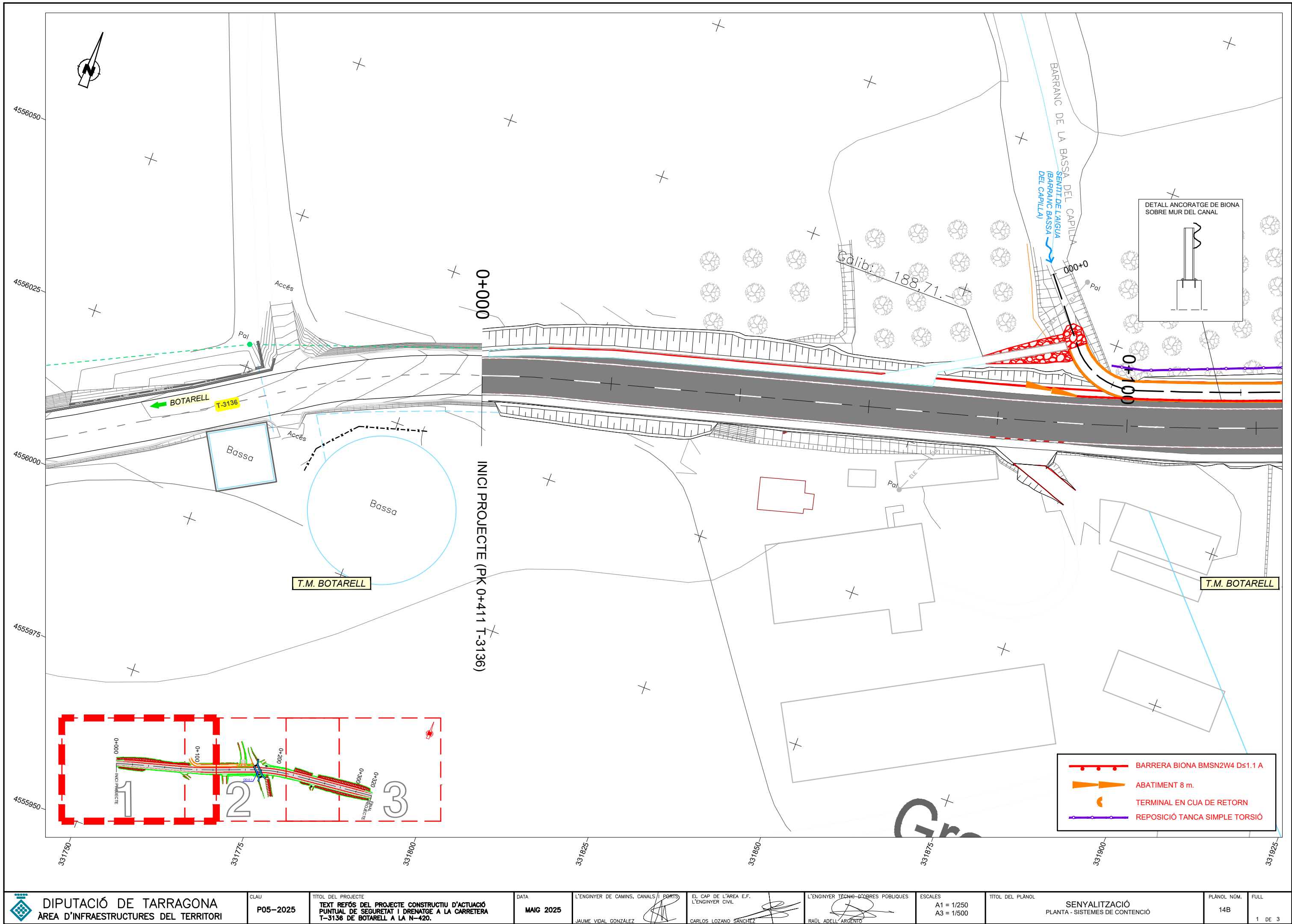
L'ENGINYER TÈCNIC D'OBRES PÚBLIQUES
RAÚL ADELL ARGENTÓ

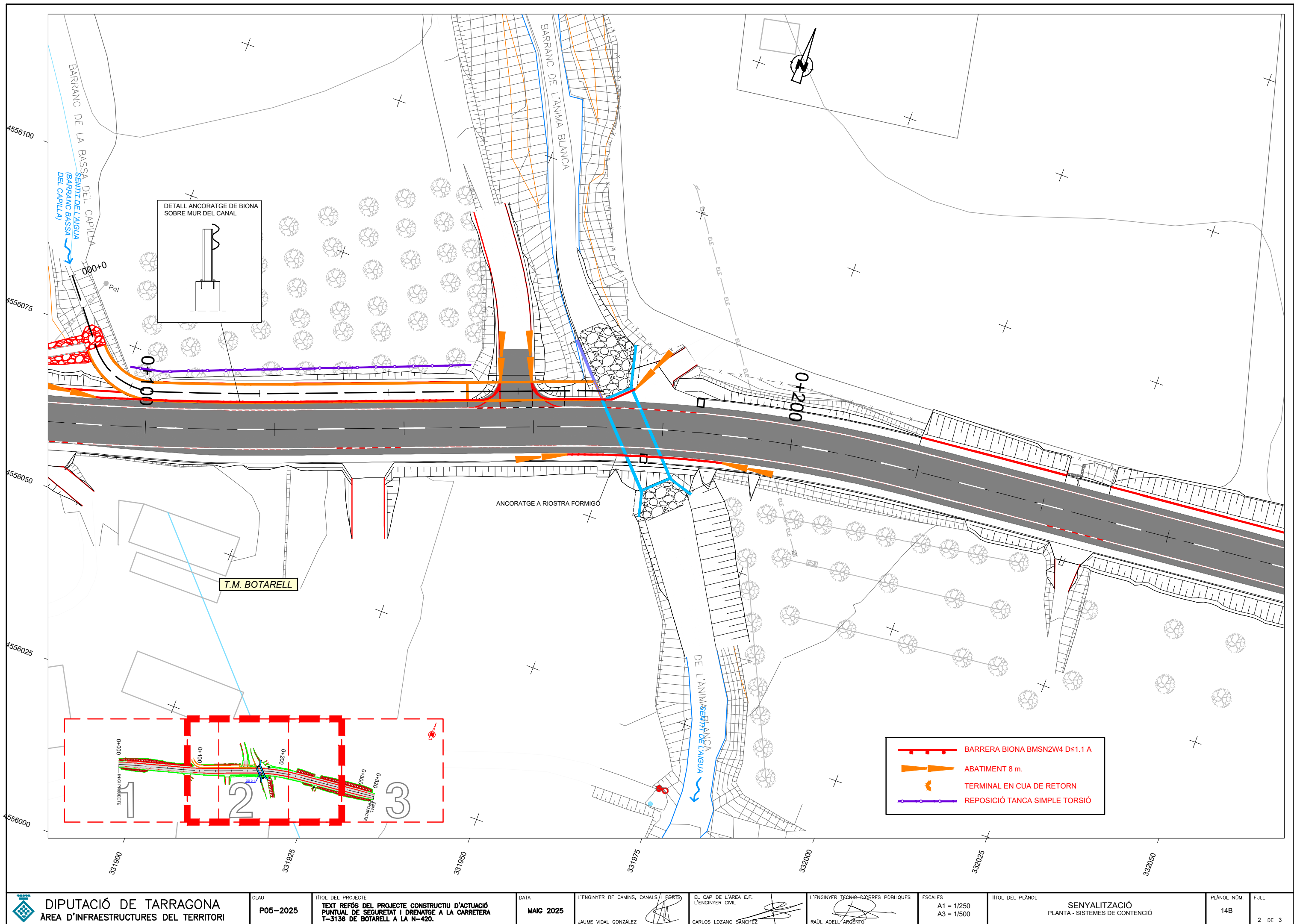
ESCALES
A1 = 1/250
A3 = 1/500

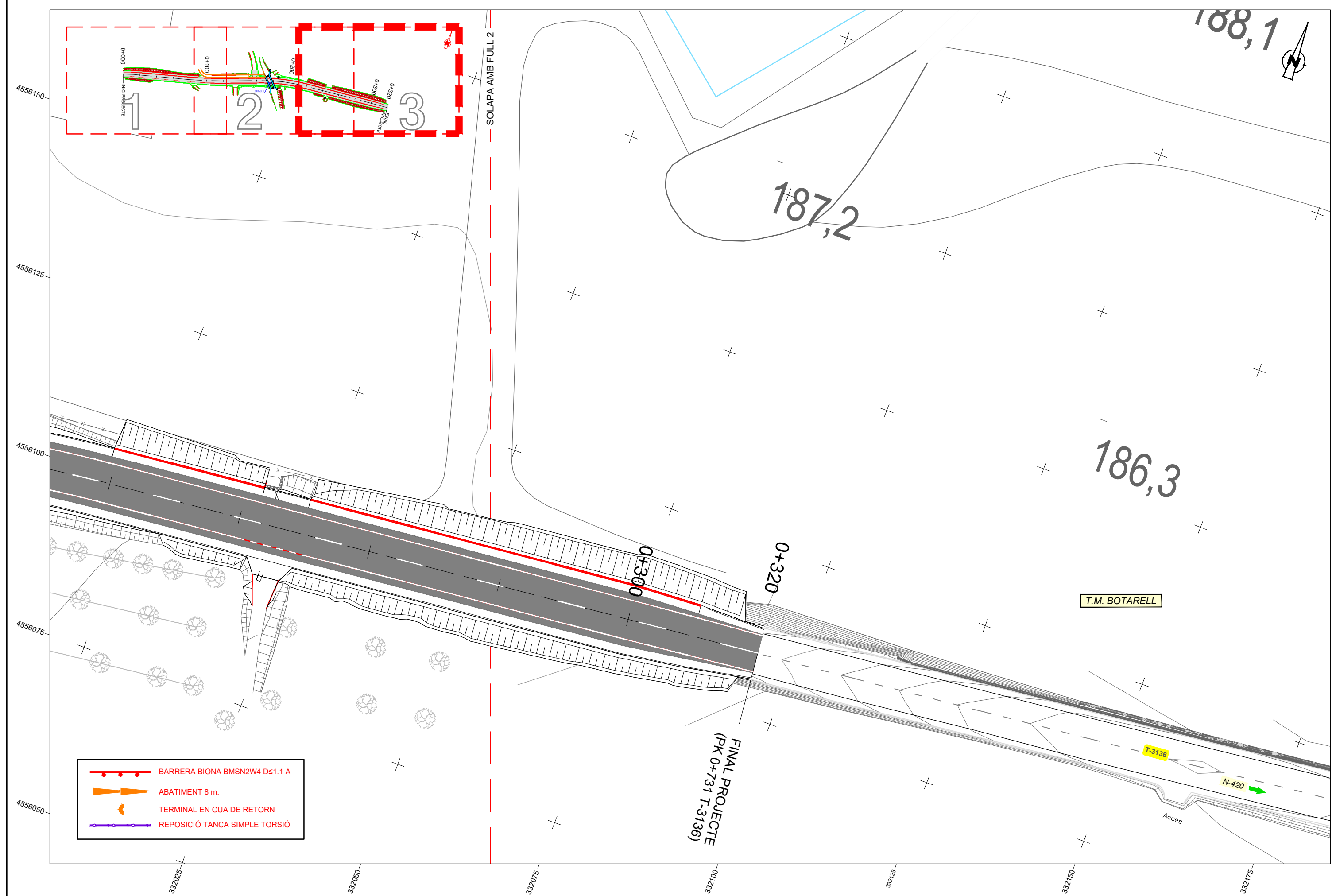
TÍTOL DEL PLÀNOL
SENYALITZACIÓ
PLANTA

PLÀNOL NÚM.
14A

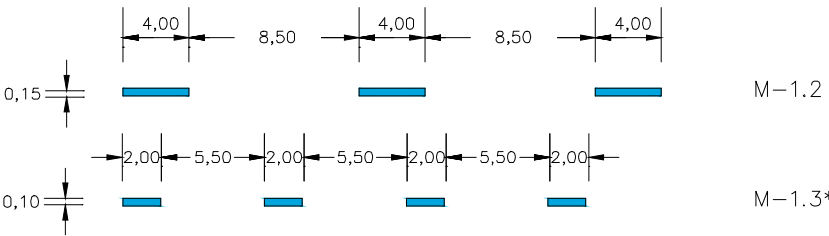
FULL
3 DE 3



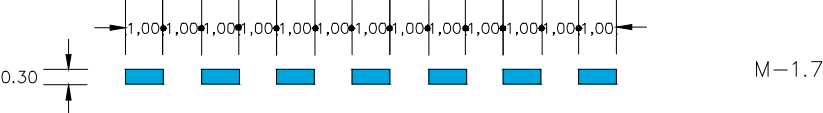




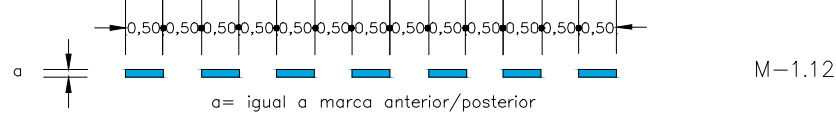
MARQUES LONGITUDINALS DISCONTINUES
SEPARACIÓ DE CARRILS NORMALS



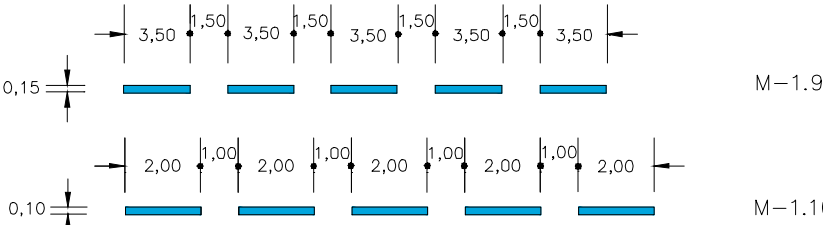
SEPARACIÓ DE CARRILS DE CANVI DE VELOCITAT



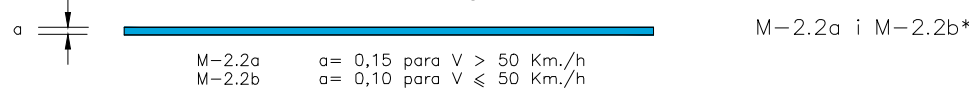
INTERRUPCIÓ DE MARCA CONTINUA I GUIA EN INTERSECCIÓ



PREAVÍS DE MARCA CONTINUA O DE PERILL



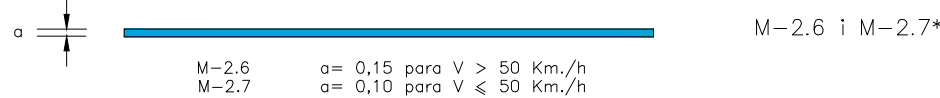
MARQUES LONGITUDINALS CONTINUES
PROHIBICIÓ D'AVANÇAMENT



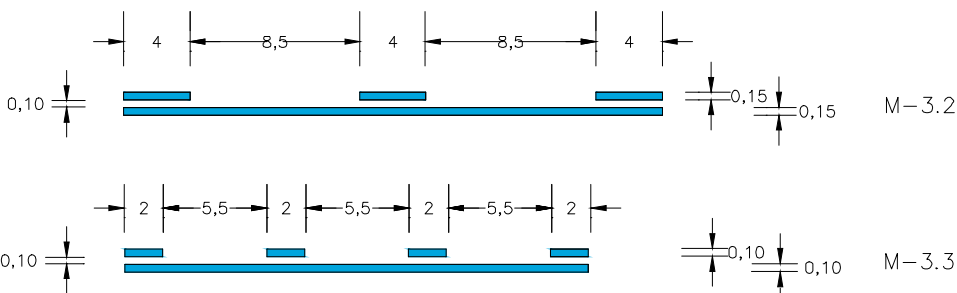
SEPARACIÓ DE CARRILS D'ENTRADA O SORTIDA



VORA DE CALÇADA

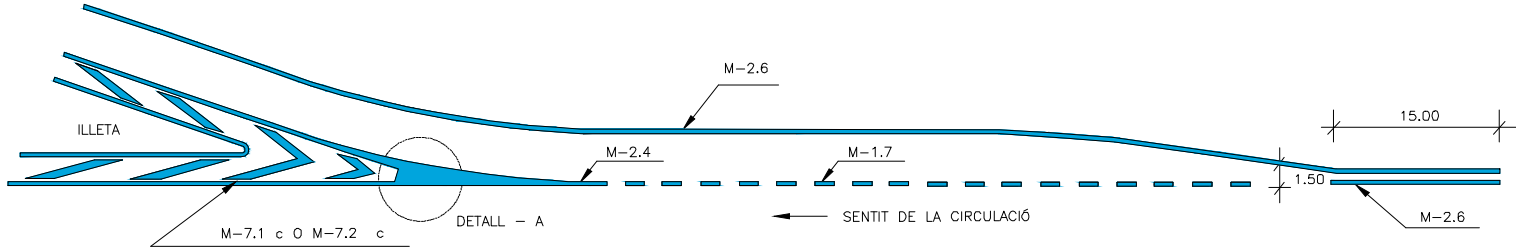


MARQUES VIÀRIES LONGITUDINALS CONTINUES ADOSSADES A DISCONTINUES

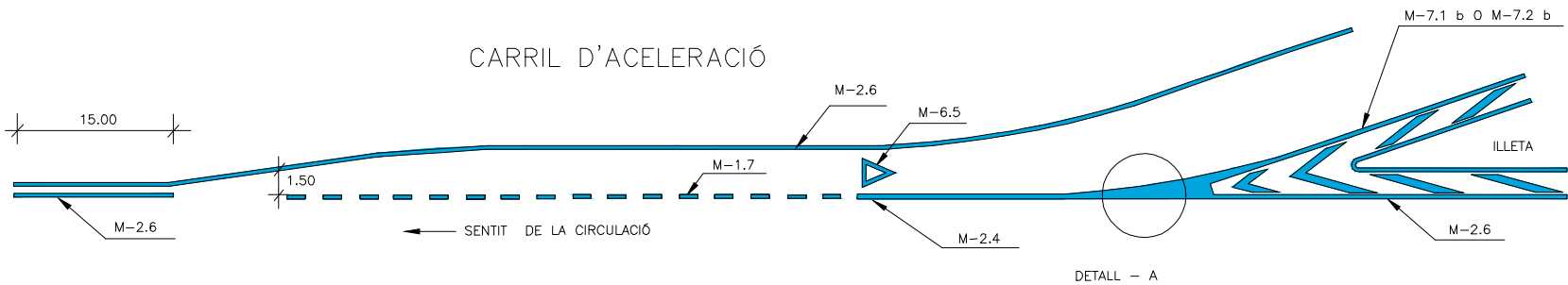


NOTA: EN EL EIX ES PINTARÀ LA LÍNIA CONTINUA

CARRIL D'ALENTIMENT



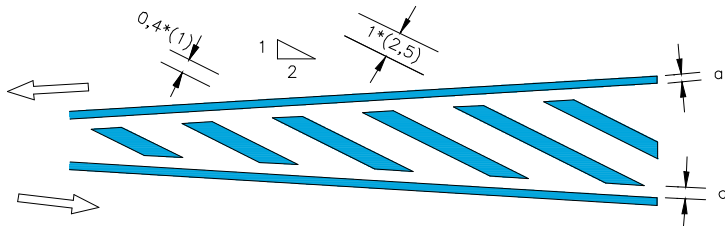
CARRIL D'ACELERACIÓ



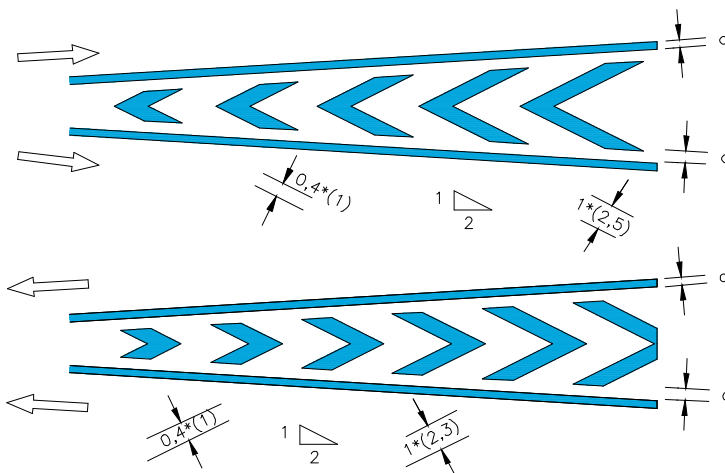
NOTA : LES MARQUES AMB * SON PER A VIES AMB V <= 50 Km/h

ZONES DE NO CIRCULACIÓ

1. CIRCULACIÓ EN DOBLE SENTIT

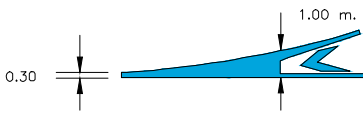


1. CIRCULACIÓ EN SENTIT ÚNIC

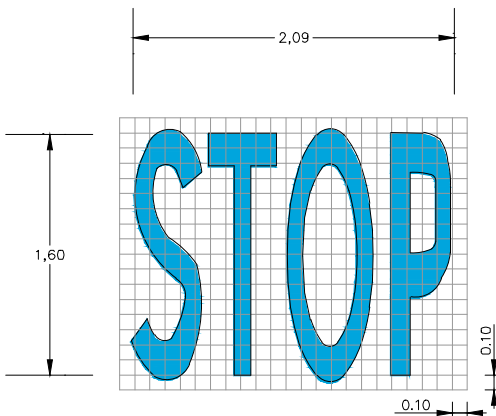


a = 0,15 si V > 50 Km./h
a = 0,10 si V <= 50 Km./h

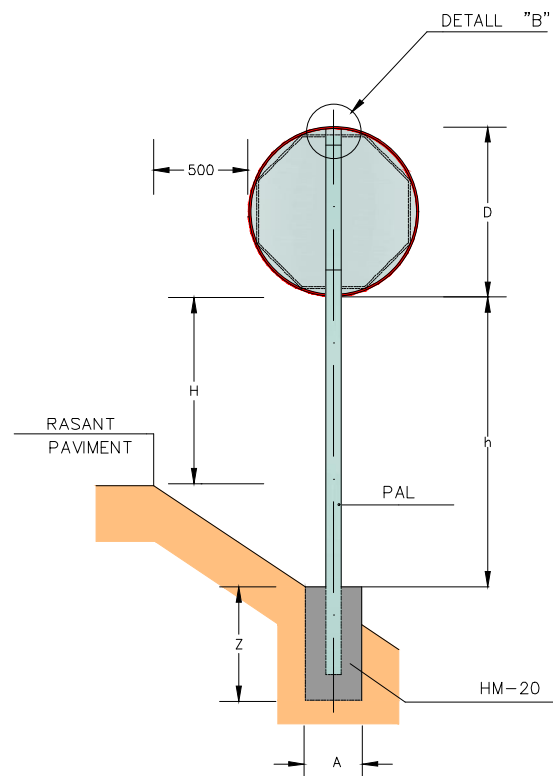
DETALL - A



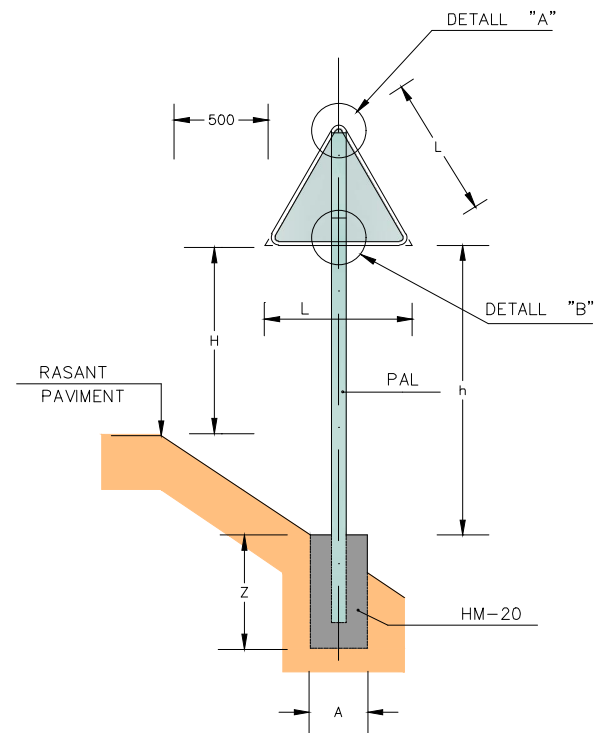
M-6.4



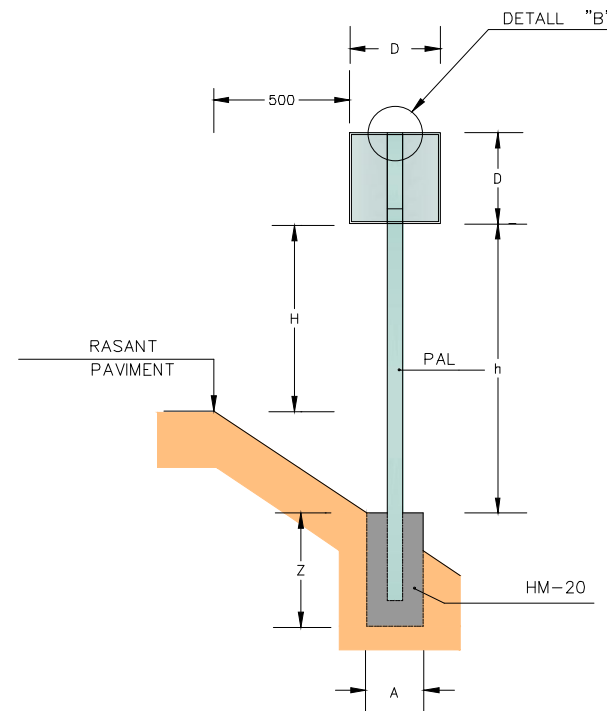
VIA AMB VM < 50 Km/h
S= 1,23 m2



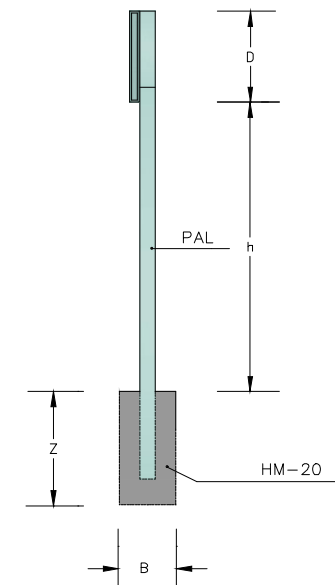
SENYAL CIRCULAR O OCTOGONAL
ESCALA = 1:20



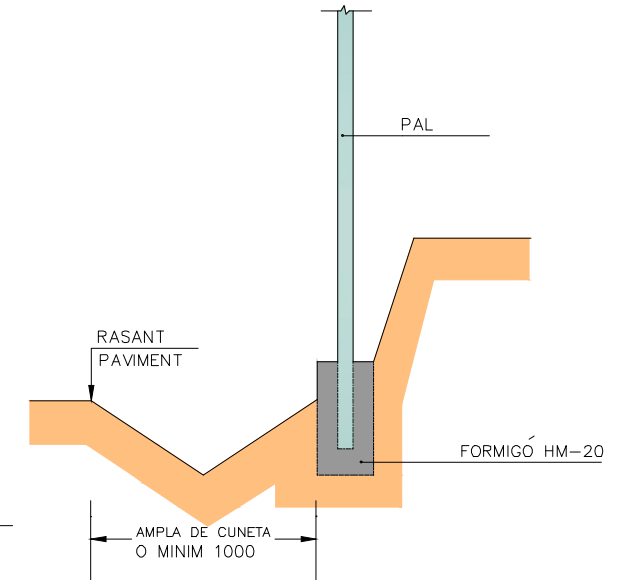
SENYAL TRIANGULAR
ESCALA = 1:20



SENYAL QUADRANGULAR
ESCALA = 1:20



ALÇAT LATERAL
ESCALA = 1:20



SENYAL EN DESMUNT
ESCALA = 1:20

		AMB VORAL ≥ 1,00			AMB VORAL < 1,00			AMB VORERA		
L		1350			900			900		
D		900			600			600		
H		1800			1500			2300		
PAL	h<2100	100x50x3			100x50x3			ø60		
	h>2100	100x50x3 100x50x4*			100x50x3			ø60/ø76**		
FONAMENT		A	B	Z	A	B	Z	A	B	Z
		650	400	700	500	400	600	500	400	600

* NOMES EN CAS DE 2 SENYALS JUNTES I AMB DESNIVells IMPORTANTS
** ø76 NOMES EN CAS DE ZONES MOLT VENTOSES

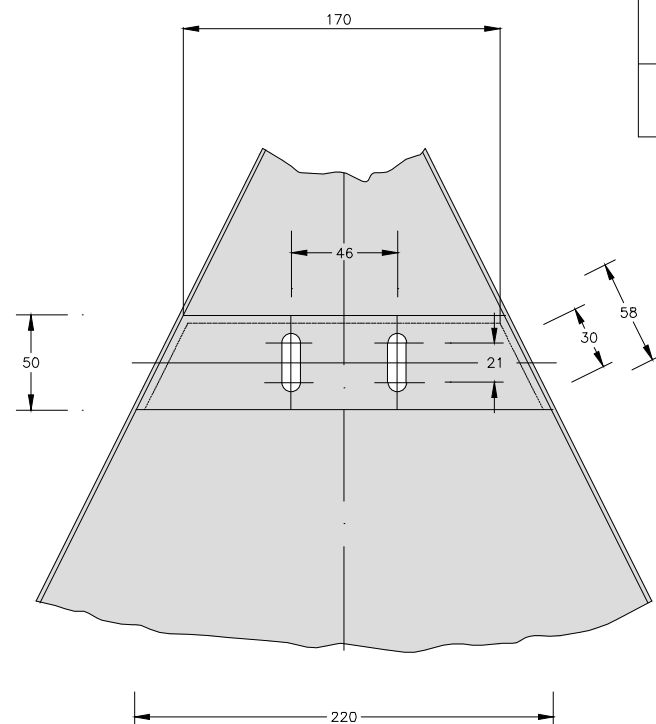


Diputació Tarragona

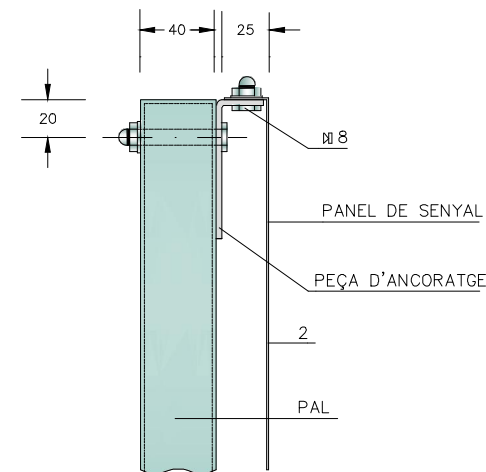
DIPUTACIÓ DE TARRAGONA
ESCALA = 1:1

DISTINTIU DE COLOR NEGRE QUE PORTARAN
LES PLAQUES AL REVERS AMB LA DATA DE
FABRICACIÓ I REFERÈNCIA DEL FABRICANT.

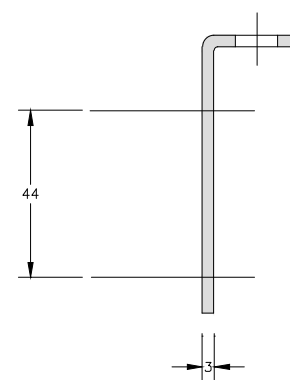
NOTES:
1-CADASCUNA DE LES DIMENSIONS SÓN DONADES EN MIL·LÍMETRES.
2-CADASCÚ DELS MATERIALS SÓN D'ACER GALVANITZAT, A NO SER
QUE HI HAGI ALGUNA INDICACIÓ EN CONTRA.
3-L'ORLA DELS SENYALS SERAN EMBOTIDES.



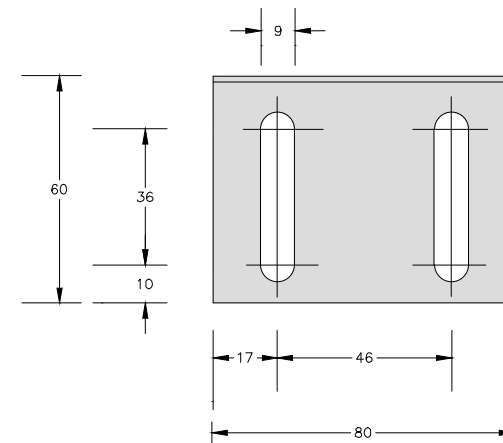
DETALL "A"
ESCALA = 1:2



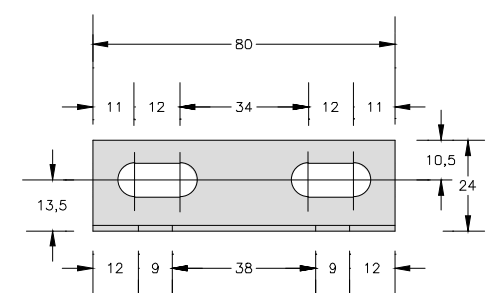
DETALL "B"
ESCALA = 1:2



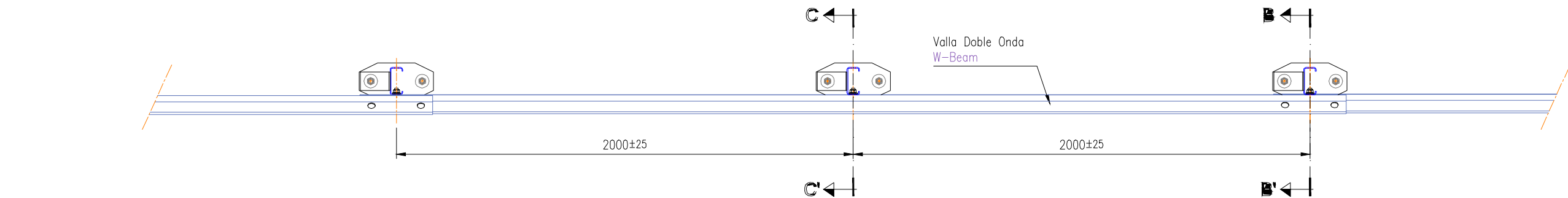
PEÇA D'ANCORATGE-PERFIL
ESCALA = 1:1



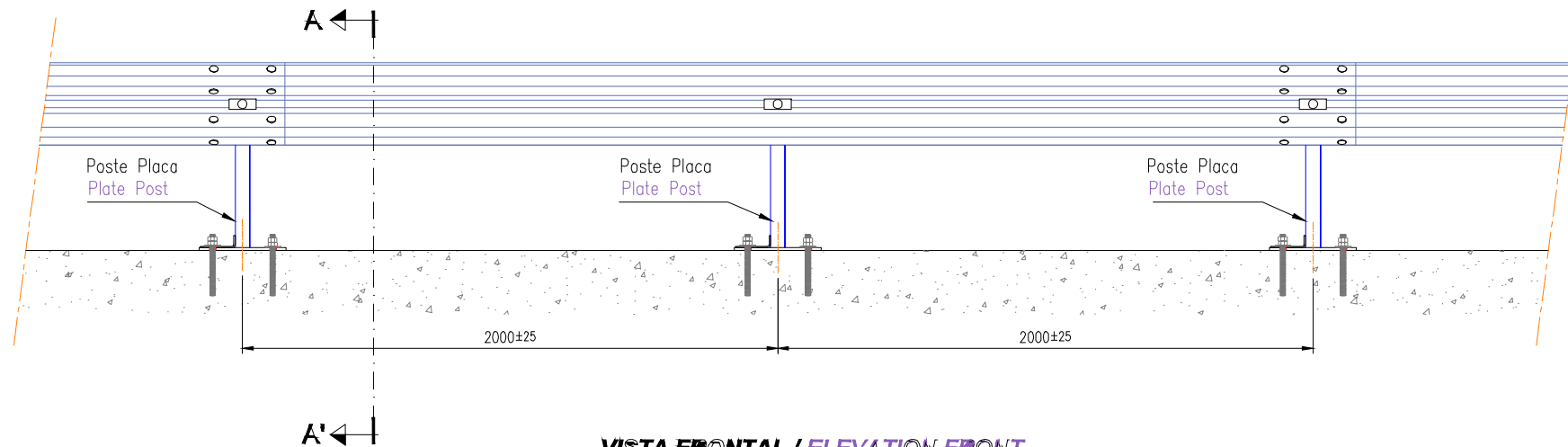
PEÇA D'ANCORATGE-PLANTA
ESCALA = 1:1



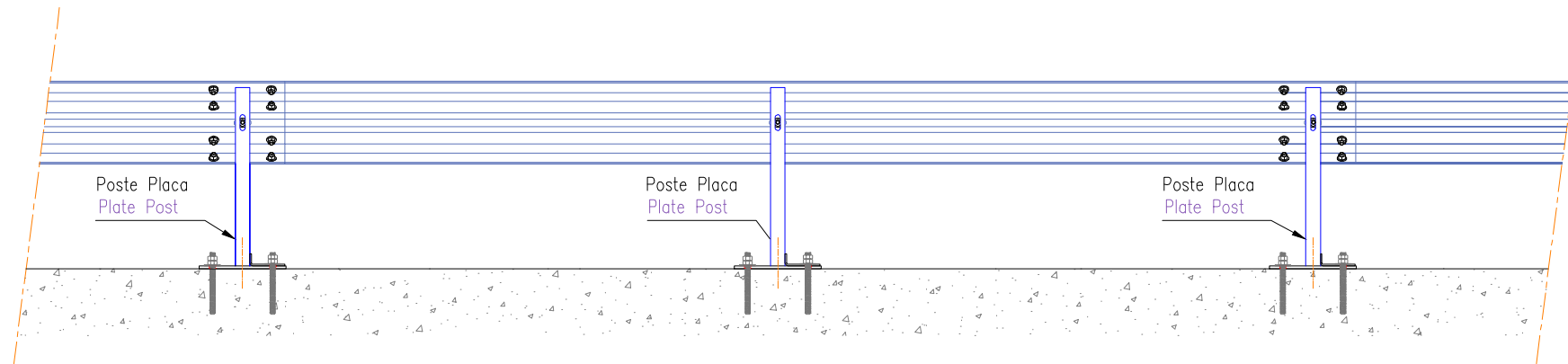
PEÇA D'ANCORATGE-ALÇAT
ESCALA = 1:1



- VISTA EN PLANTA / PLAN -
Escala / Scale 1:20



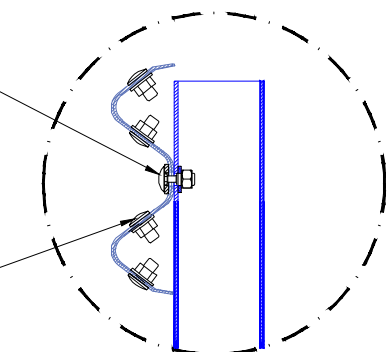
- VISTA FRONTAL / ELEVATION FRONT -
Escala / Scale 1:25



- VISTA POSTERIOR / ELEVATION REAR -
Escala / Scale 1:25

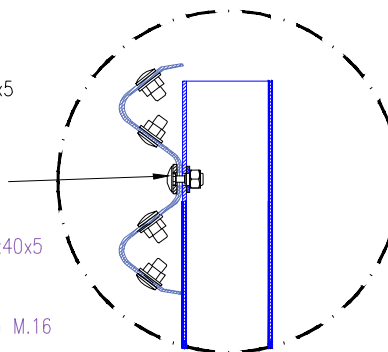
Tornillo CRF M.16x40
+ Arandela Rectangular 100x40x5
(debajo de la cabeza)
+ Tuerca M.16 (*)
+ Arandela 35x35x5 M.16
(debajo de la tuerca)
Bolt CRF M.16x40
+ Rectangular Flat Washer 100x40x5
(under bolt head)
+ Nut M.16 (*)
+ Squared Flat Washer 35x35x5 M.16
(under nut)

8 Tornillos TBC M.16x30
+ 8 Arandelas M.16 (*)
+ 8 Tuercas M.16 (*)
8 Round Head Bolts TBC M.16x30
+ 8 Washers M.16 (*)
+ 8 Nuts M.16 (*)



SECCIÓN B-B' / SECTION B-B'
Escala / Scale 1:10

Tornillo CRF M.16x40
+ Arandela Rectangular 100x40x5
(debajo de la cabeza)
+ Tuerca M.16 (*)
+ Arandela 35x35x5 M.16
(debajo de la tuerca)
Bolt CRF M.16x40
+ Rectangular Flat Washer 100x40x5
(under bolt head)
+ Nut M.16 (*)
+ Squared Flat Washer 35x35x5 M.16
(under nut)



SECCIÓN C-C' / SECTION C-C'
Escala / Scale 1:10

Nota informativa / Note (informative):
Tornillo / Round Head Bolt TBC M.16x30
Arandela / Washer M.16 (*)

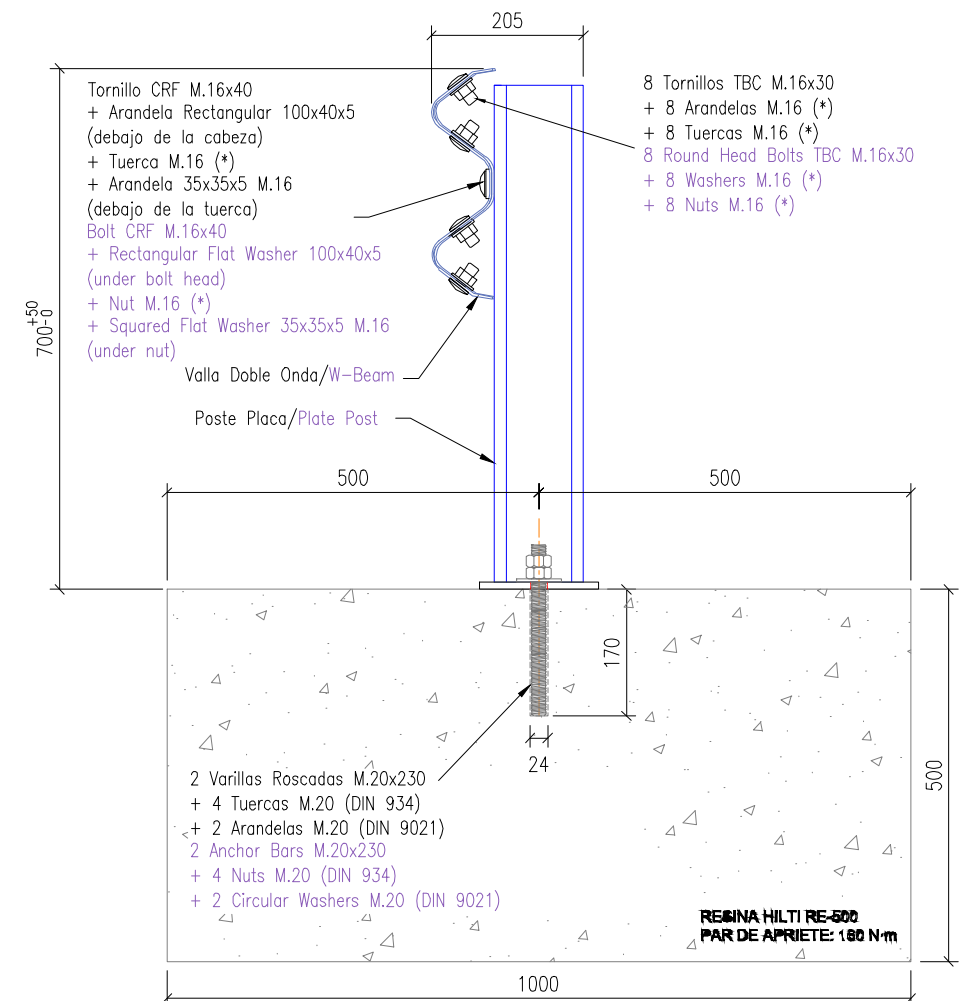
Nota informativa:
Note (informative):
Tuerca / Nut M.16 (*)

Elementos Conforme a la Norma
Española UNE 135122
Material complying the Spanish
Standard UNE 135122

Elementos Conforme a la Norma
Española UNE 135122 (UNE-EN ISO 4034)
Material complying the Spanish
Standard UNE 135122 (UNE-EN ISO 4034)

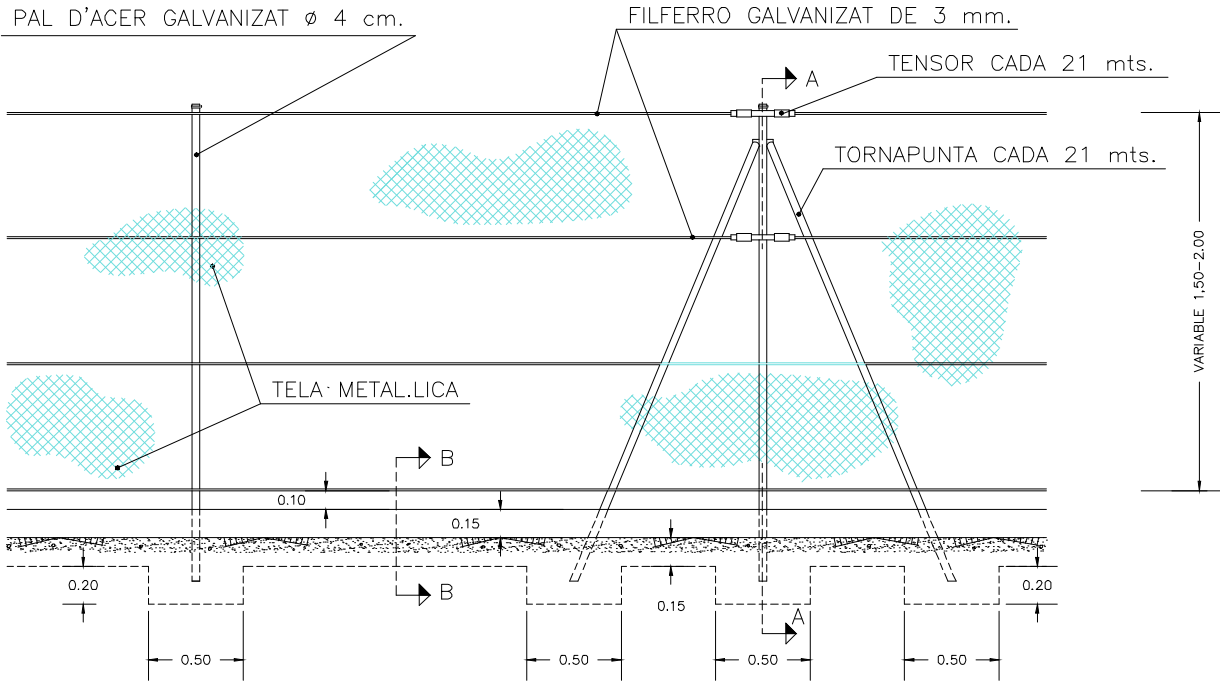
NOTA:
EN LAS COTAS EN LAS QUE NO SE INDIQUE
TOLERANCIA, TOLERANCIA GENERAL ±2.
NOTE:
UNLESS OTHERWISE SPECIFIED GENERAL
DIMENSIONAL TOLERANCE IS ±2.

Dimensiones en mm / Dimensions in mm

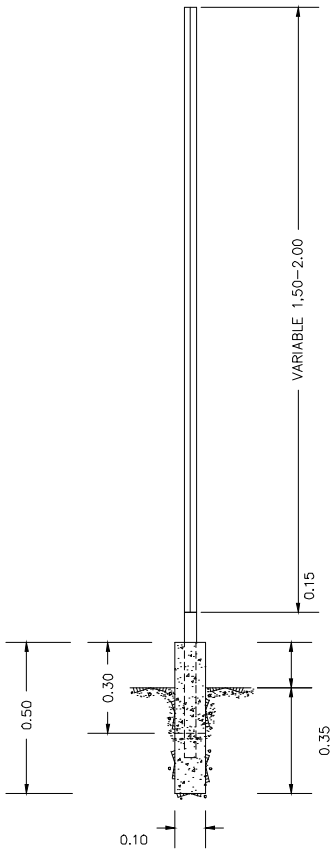


SECCIÓN A-A' / SECTION A-A'
Escala / Scale 1:10

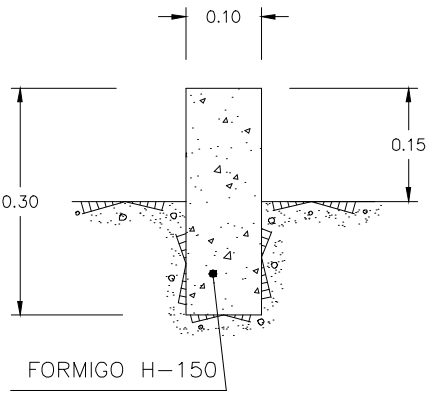
DETALL TANCA RÚSTICA
ESCALA 1/40

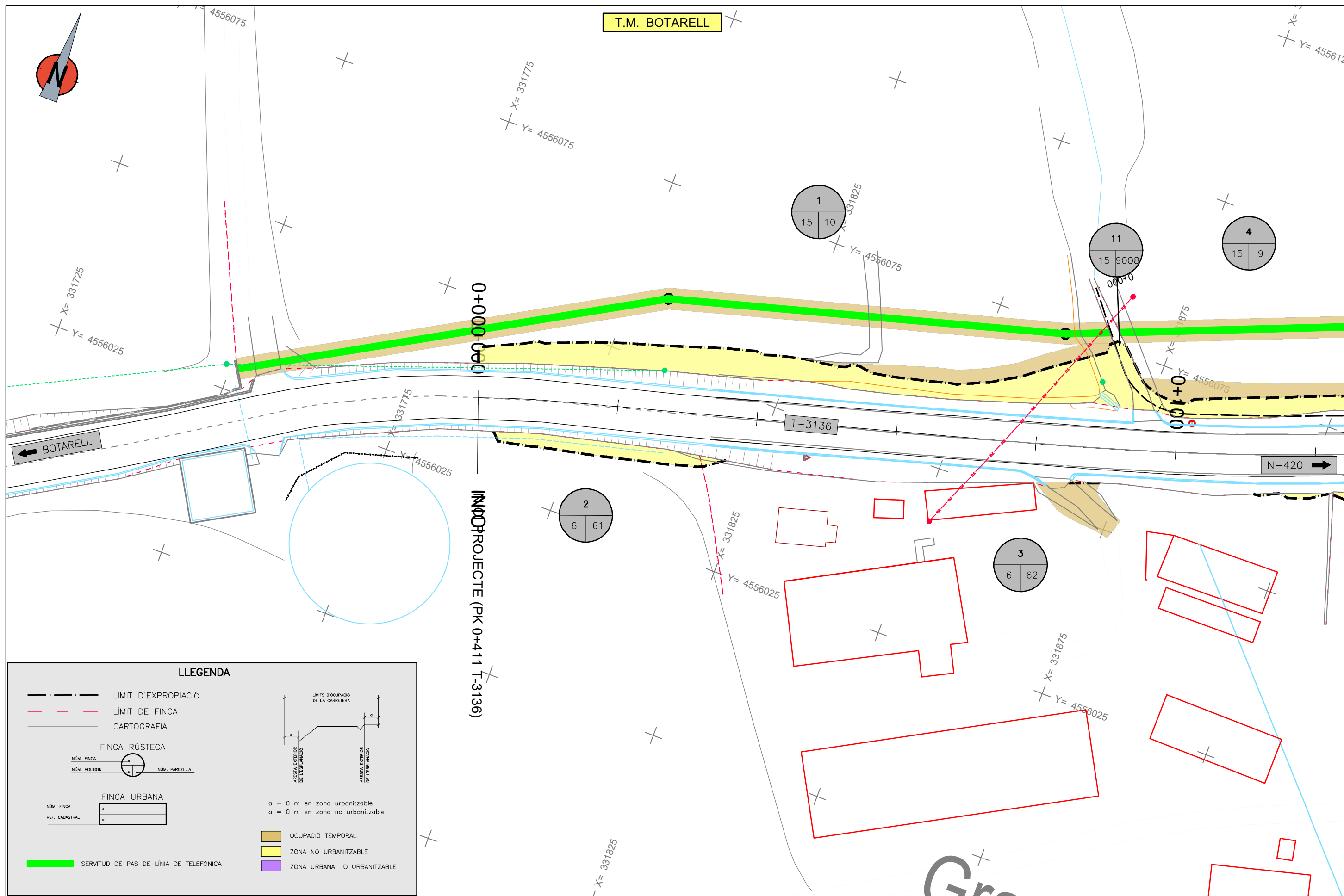


SECCIÓ A-A
ESCALA 1/25

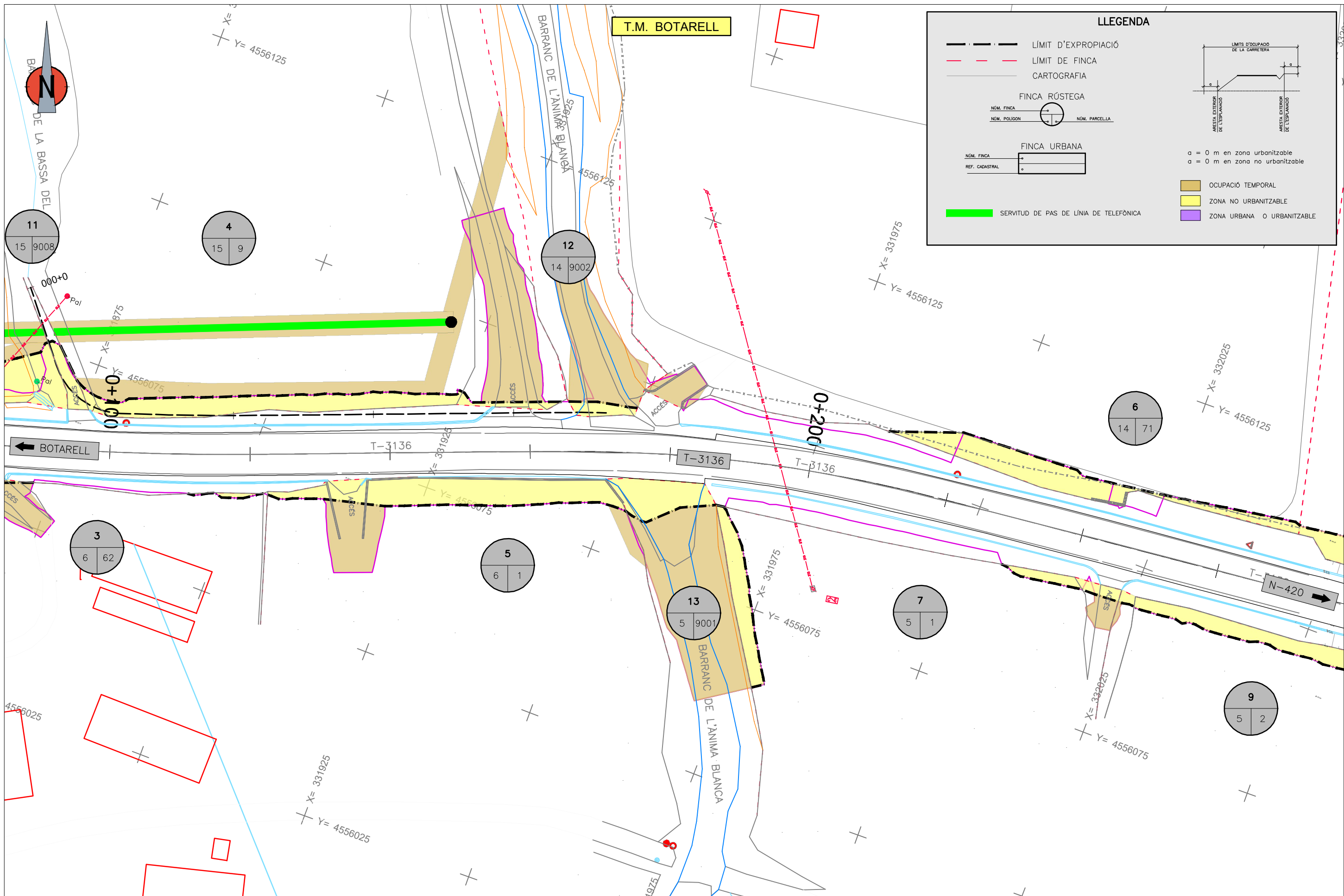


SECCIÓ B-B
ESCALA 1/10

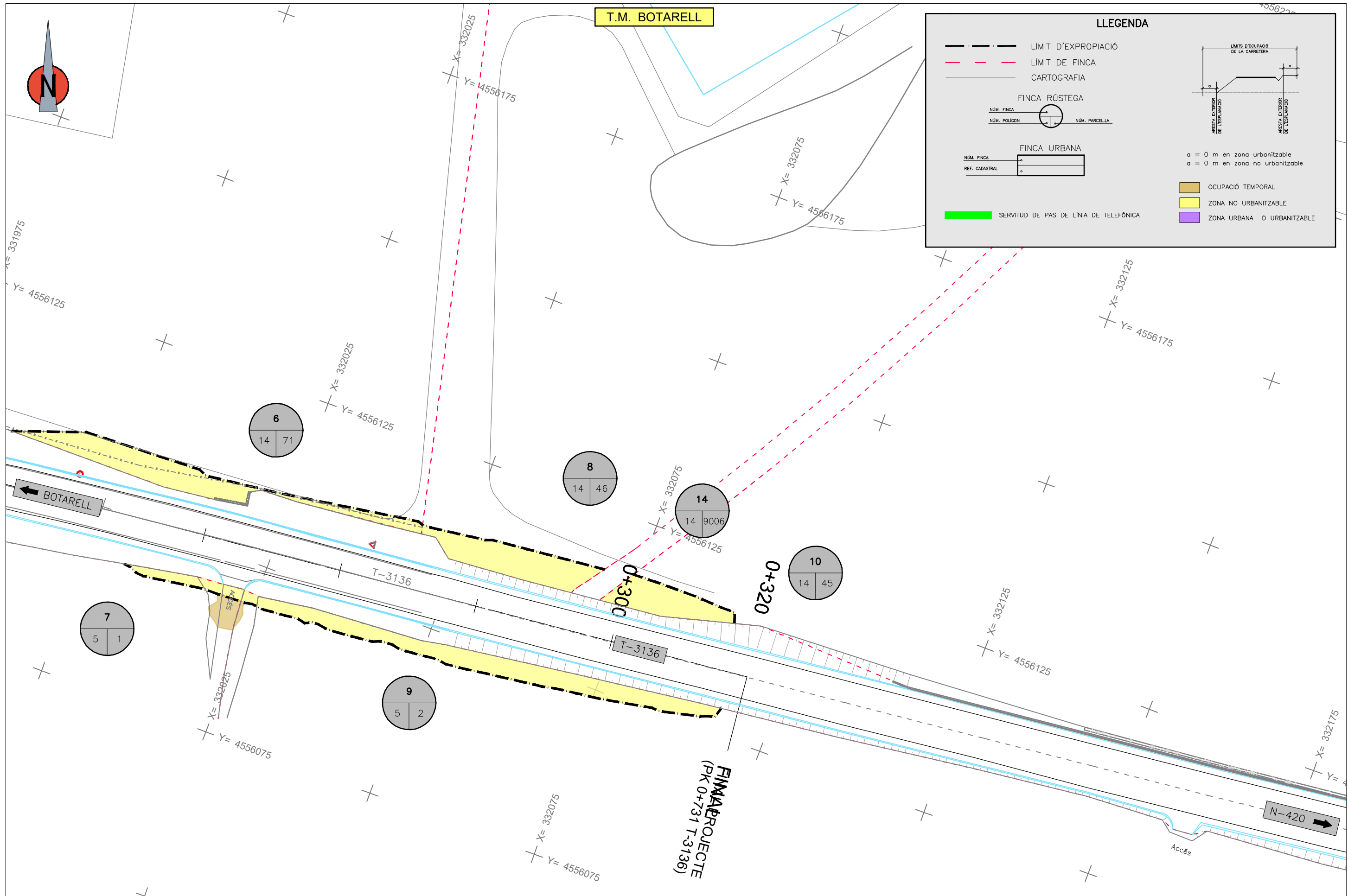




*Sistema de Referència de Coordenades ETRS-89, Fus 31N
*Cartografia topogràfica vigent de l'Institut Cartogràfic i Geològic de Catalunya



*Sistema de Referència de Coordenades ETRS-89, Fus 31N
*Cartografia topogràfica vigents de l'Institut Cartogràfic i Geològic de Catalunya



*Sistema de Referència de Coordenades ETRS-89, Fus 31N
*Cartografia topogràfica vigents de l'Institut Cartogràfic i Geològic de Catalunya