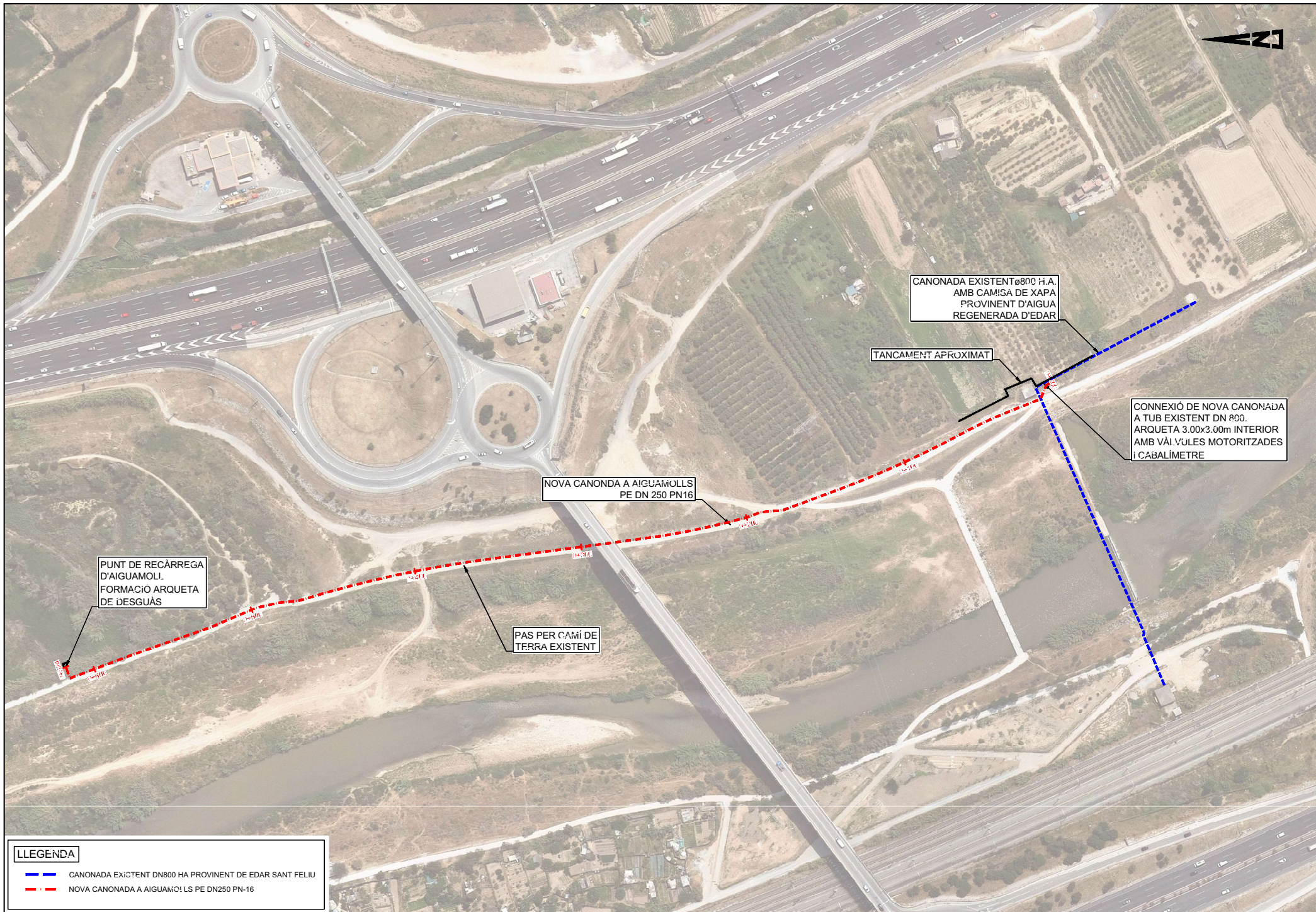
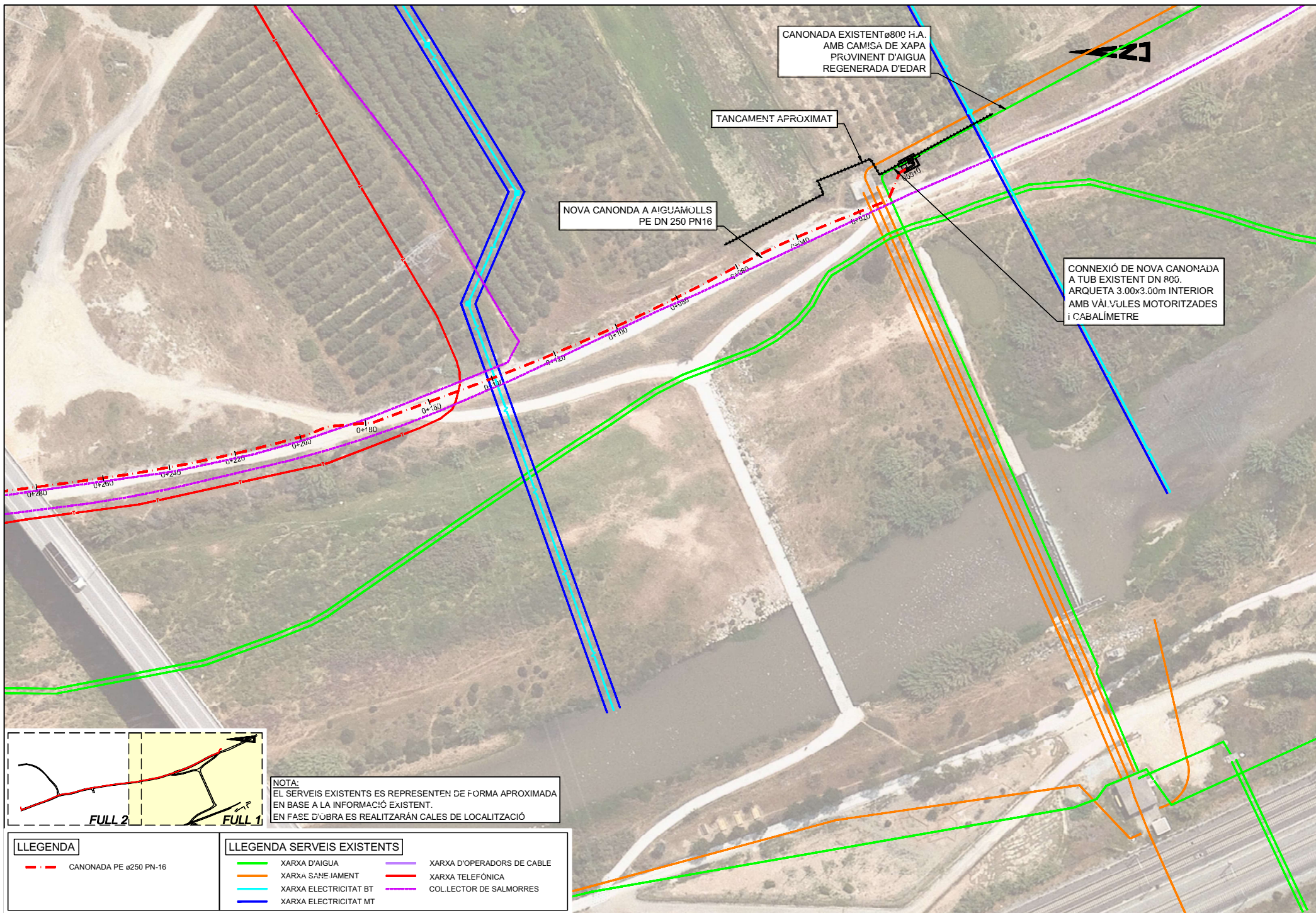




LLEGENDA

- CANONADA EXISTENT DN800 HA PROVENIENT DE EDAR SANT FELIU
- - - NOVA CANONADA A AIGUAMOLLS PE DN 250 PN-16



CANONADA EXISTENT Ø800 H.A.
AMB CAMISA DE XAPA
PROVINENT D'AIGUA
REGENERADA D'EDAR

TANCAMENT APROXIMAT

NOVA CANONADA A AIGUAMOLLS
PE DN 250 PN16

CONNEIXIÓ DE NOVA CANONADA
A TUB EXISTENT DN 800.
ARQUETA 3.00x3.00m INTERIOR
AMB VÀLVULES MOTORITZADES
I CABALÍMETRE

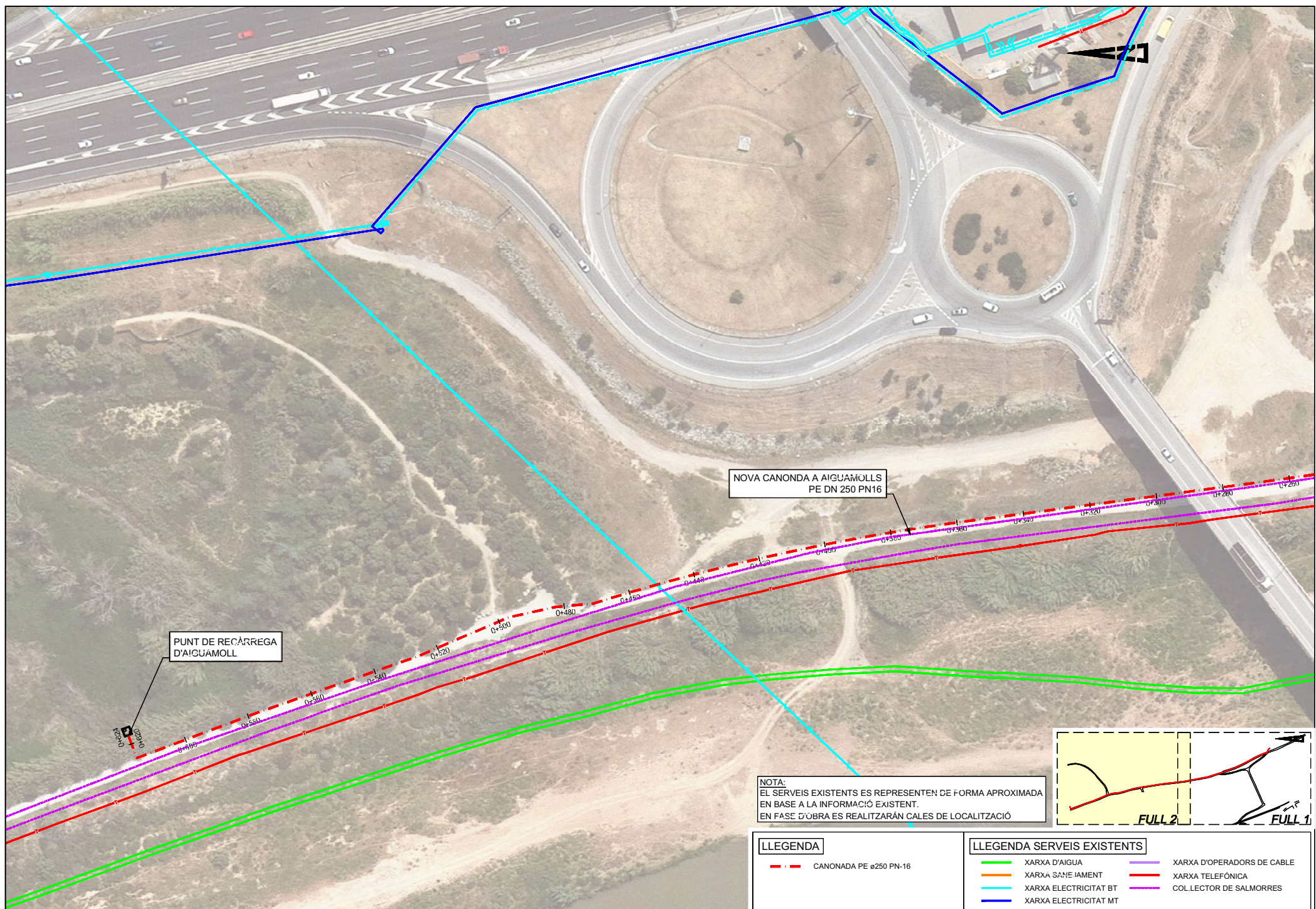
NOTA:
EL SERVEIS EXISTENTS ES REPRESENTEN DE FORMA APROXIMADA
EN BASE A LA INFORMACIÓ EXISTENT.
EN FASE D'OBRA ES REALITZARÁN CALES DE LOCALITZACIÓ

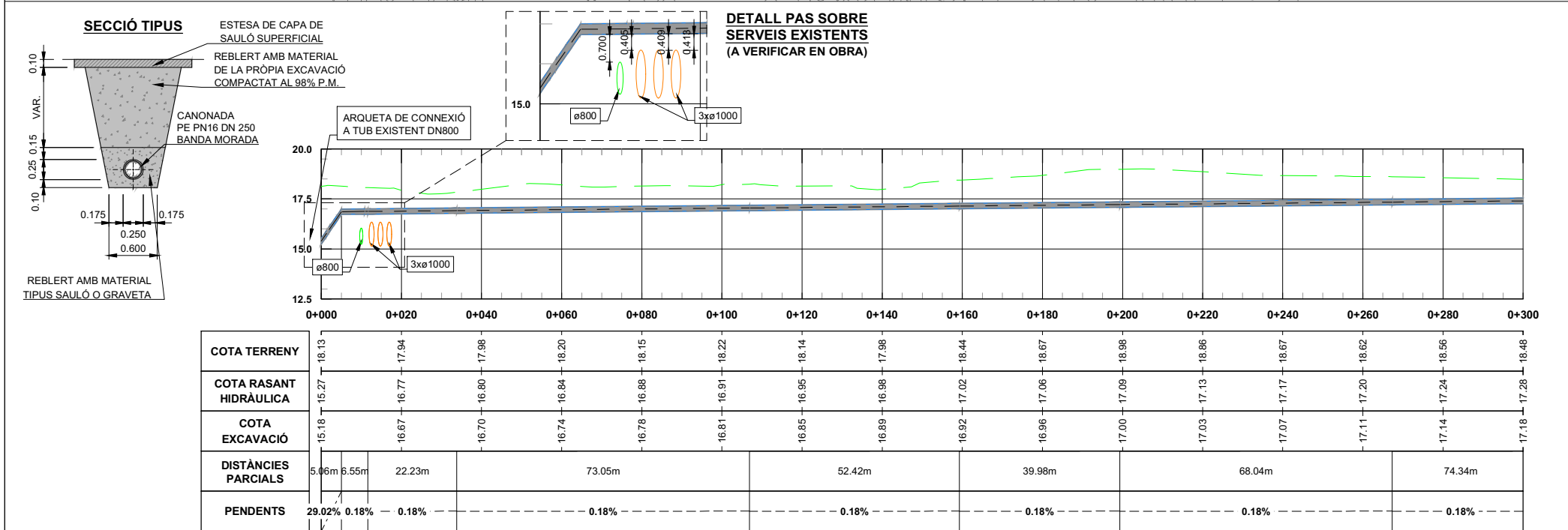
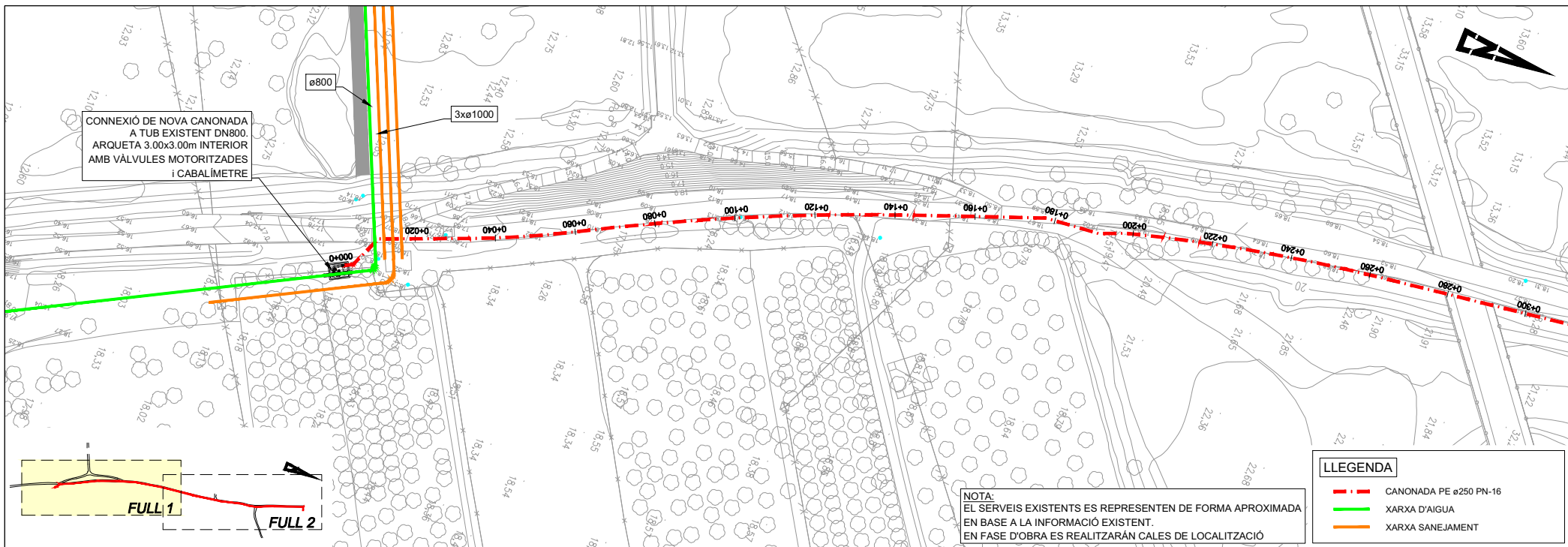
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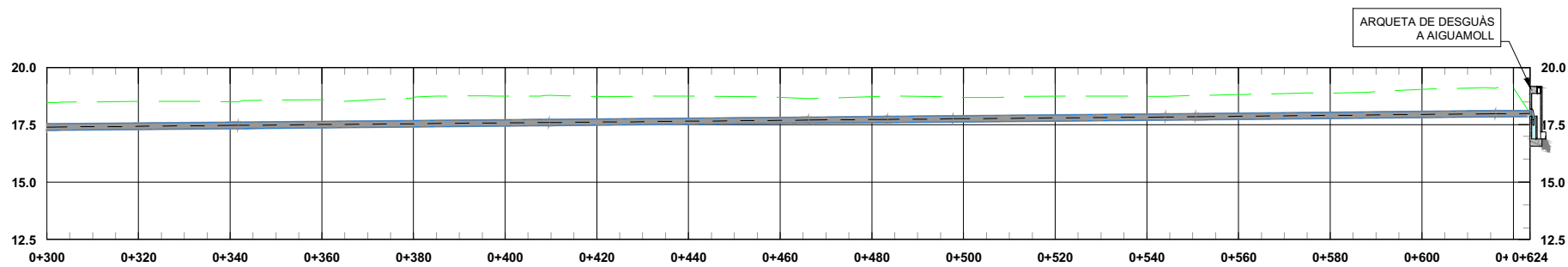
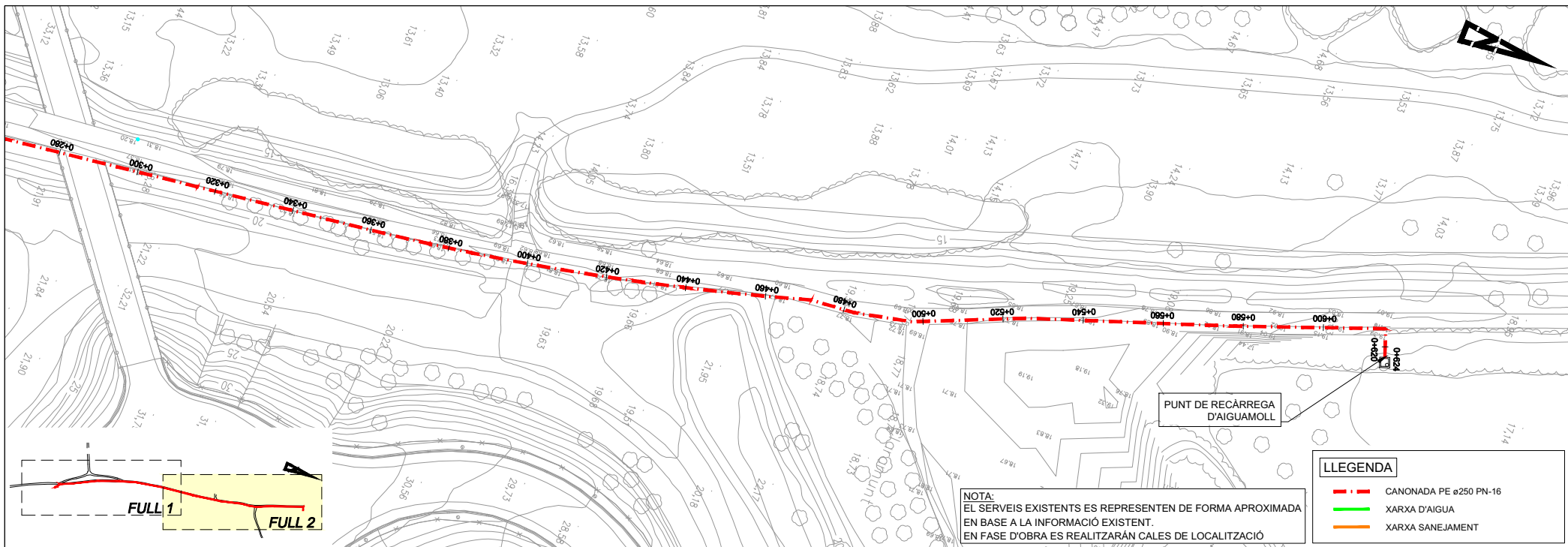
--- CANONADA PE Ø250 PN-16

LLEGGENDA SERVEIS EXISTENTS

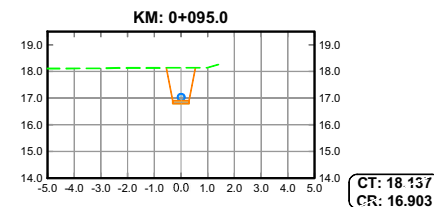
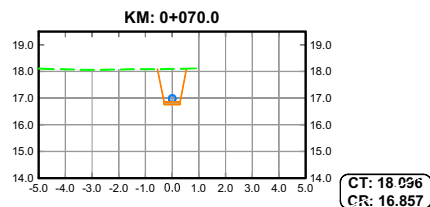
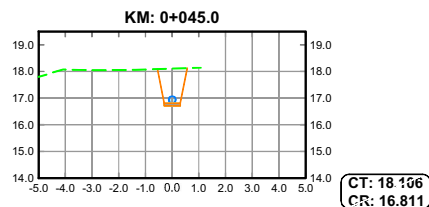
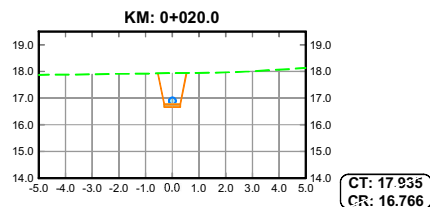
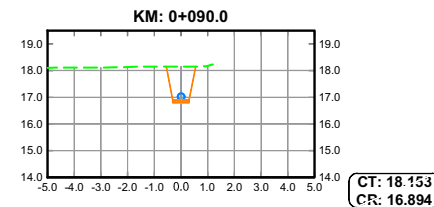
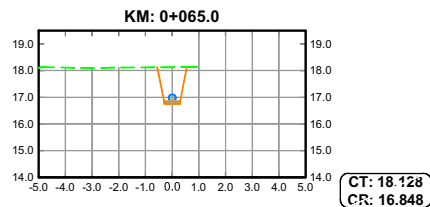
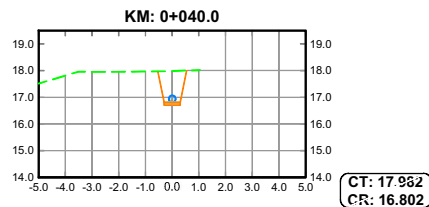
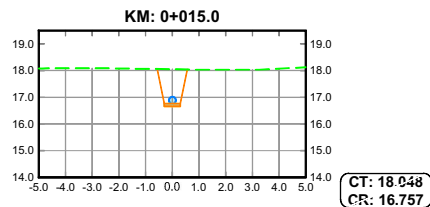
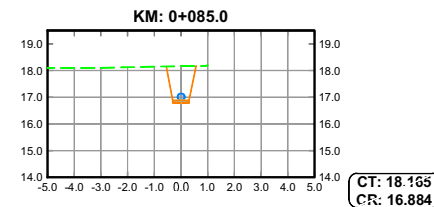
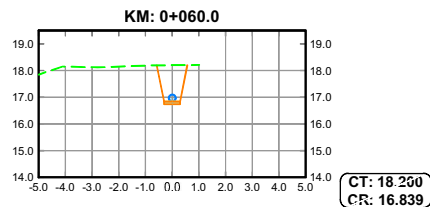
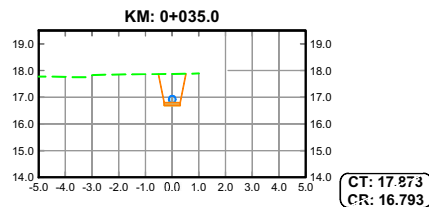
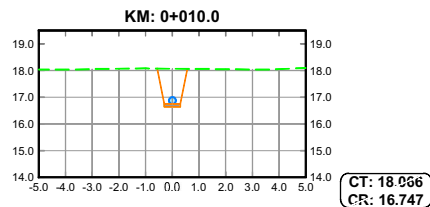
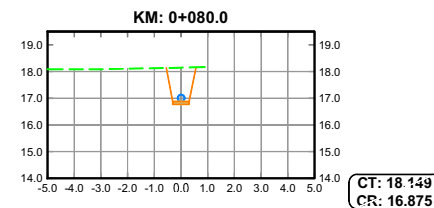
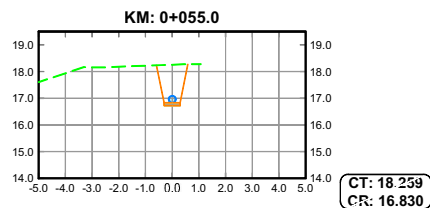
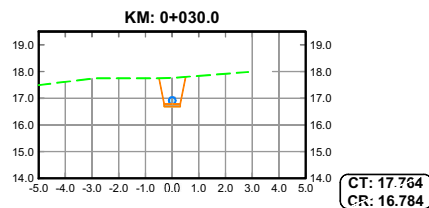
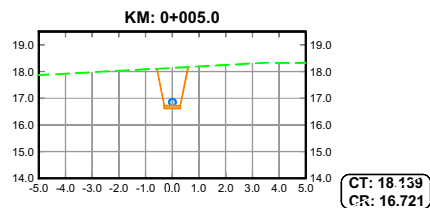
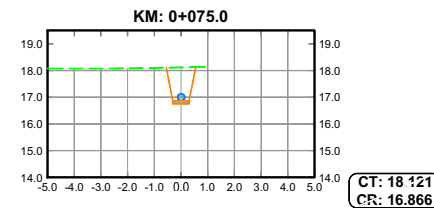
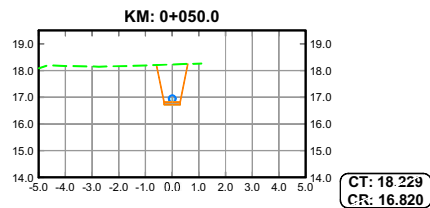
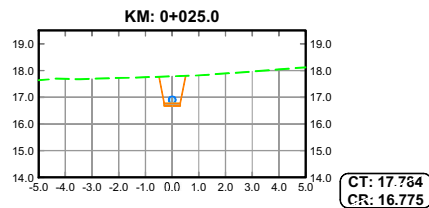
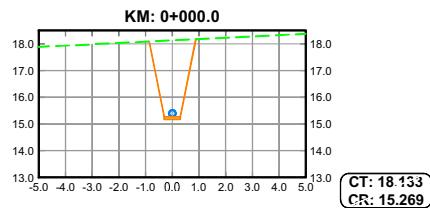
- | | |
|-----------------------|----------------------------|
| XARXA D'AIGUA | XARXA D'OPERADORS DE CABLE |
| XARXA SANEJAMENT | XARXA TELEFÓNICA |
| XARXA ELECTRICITAT BT | COL·LECTOR DE SALMORRES |
| XARXA ELECTRICITAT MT | |

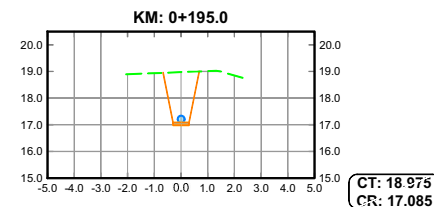
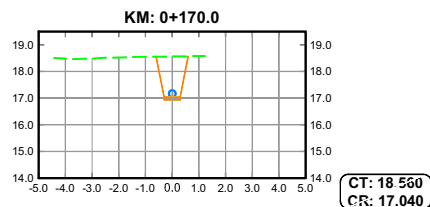
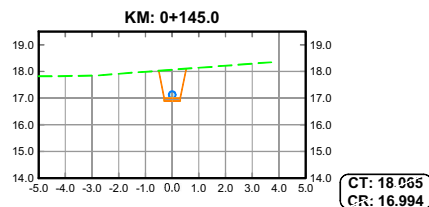
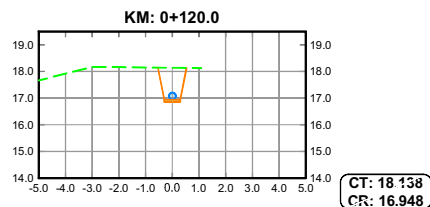
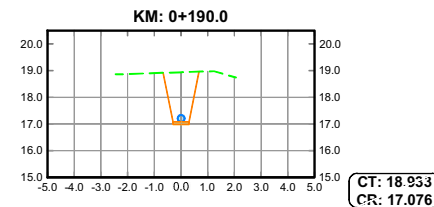
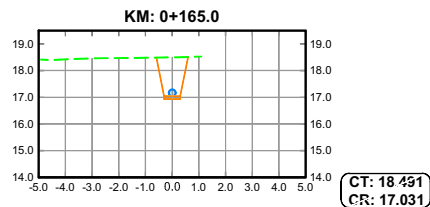
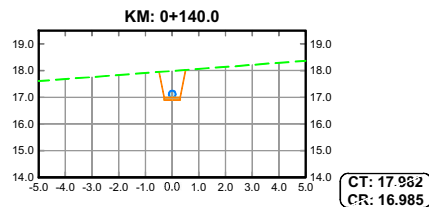
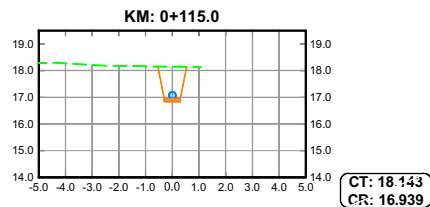
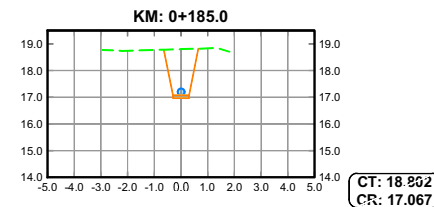
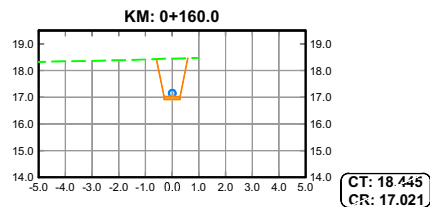
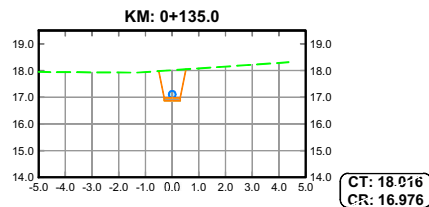
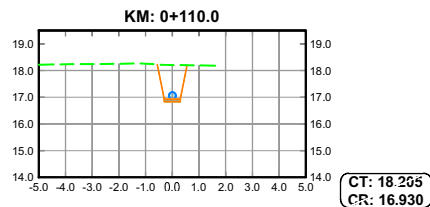
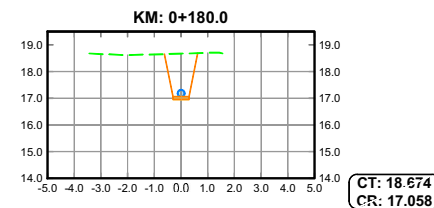
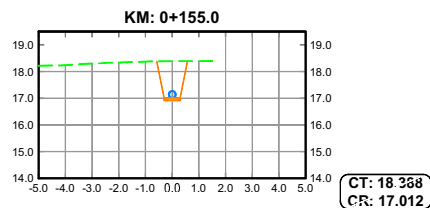
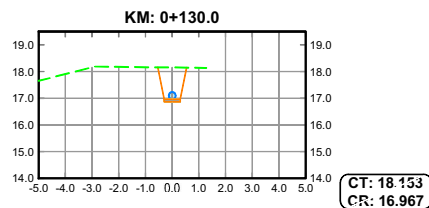
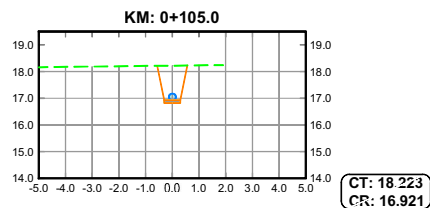
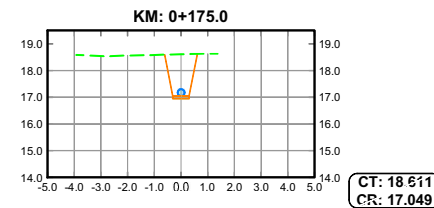
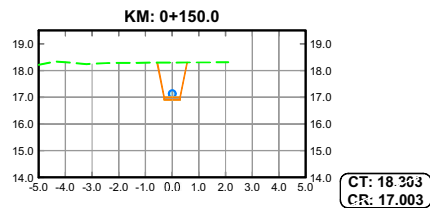
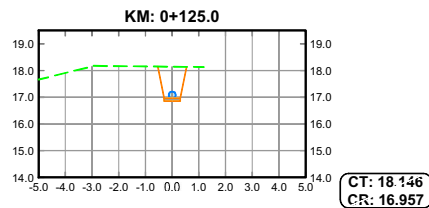
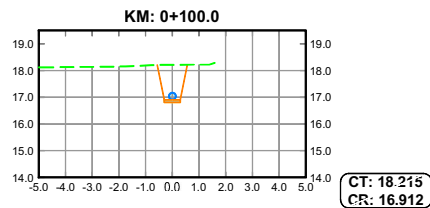


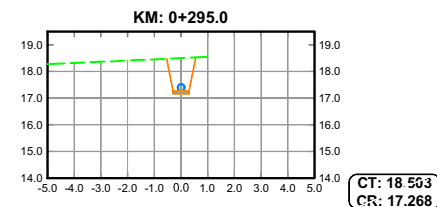
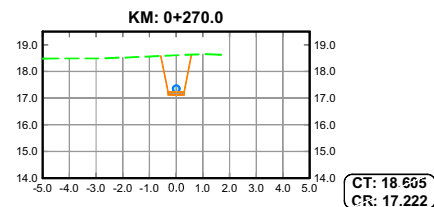
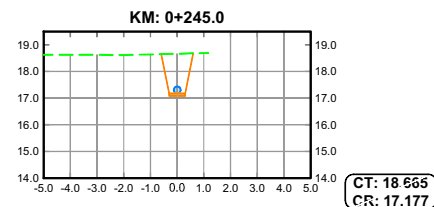
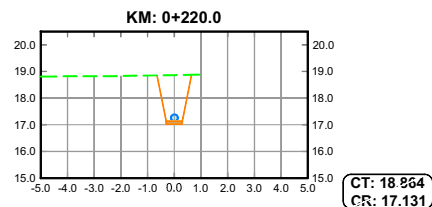
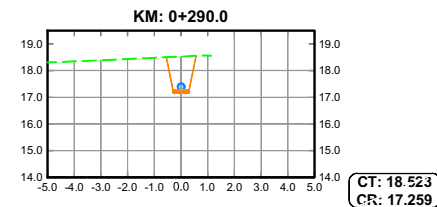
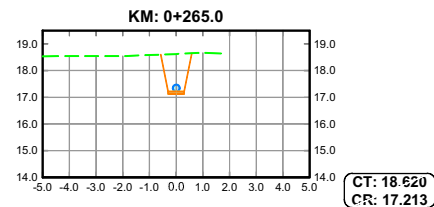
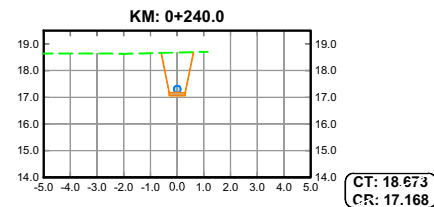
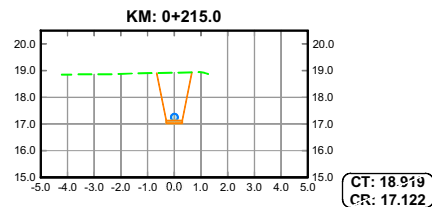
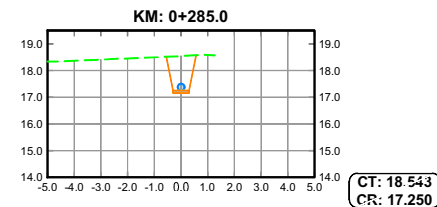
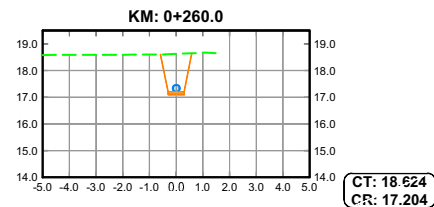
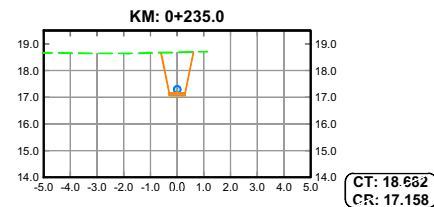
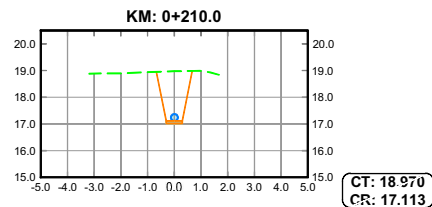
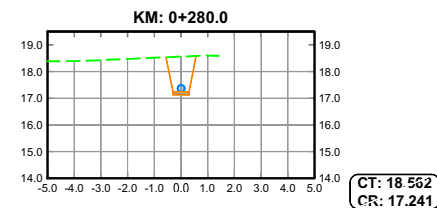
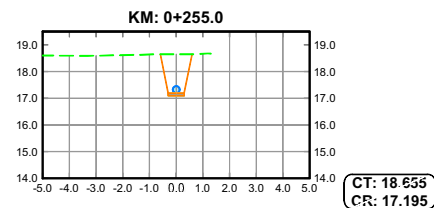
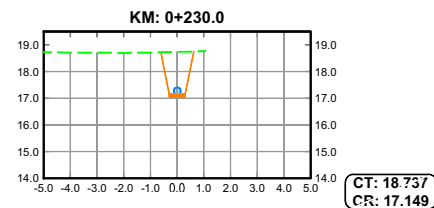
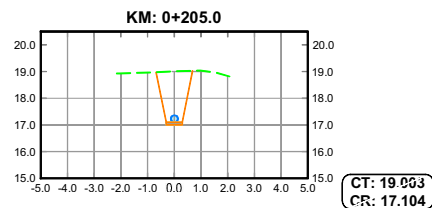
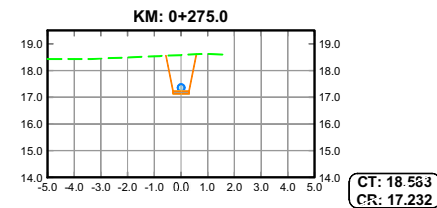
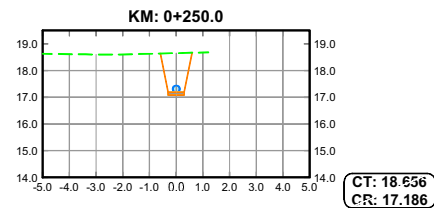
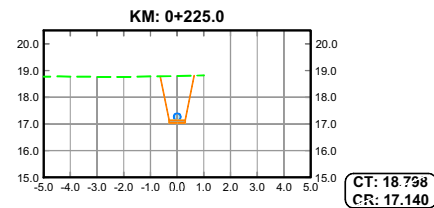
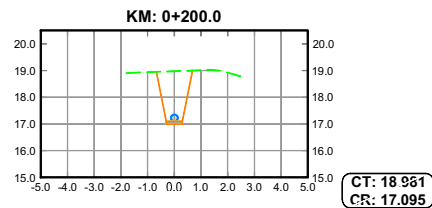


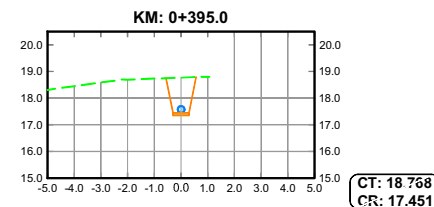
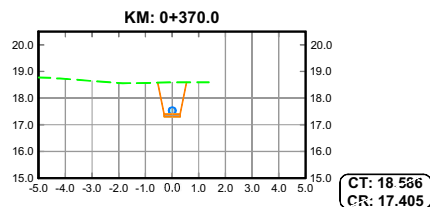
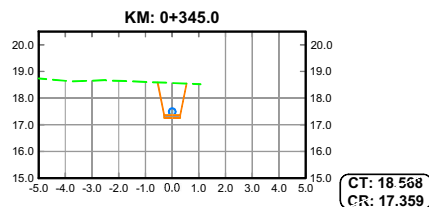
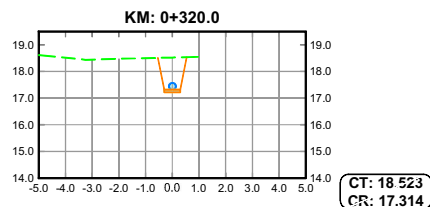
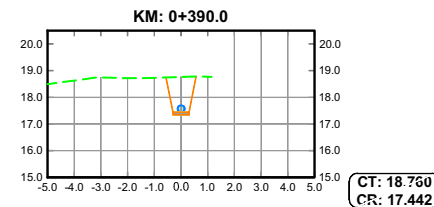
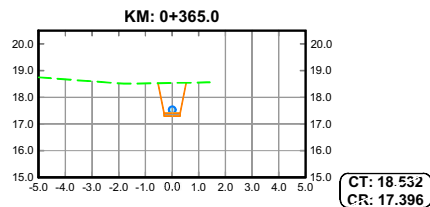
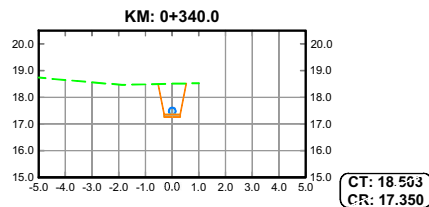
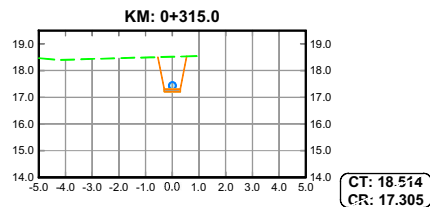
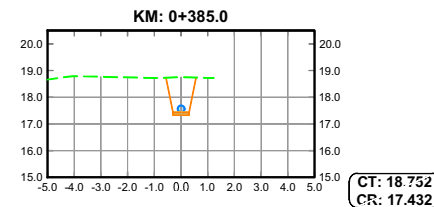
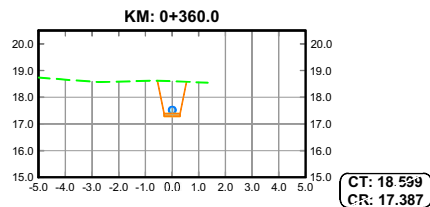
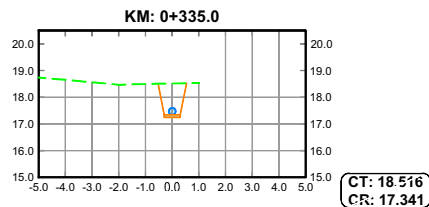
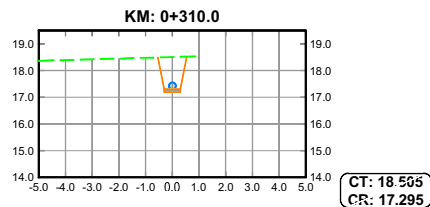
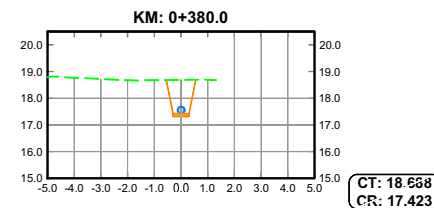
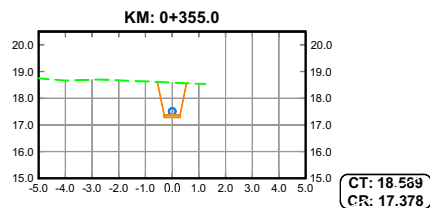
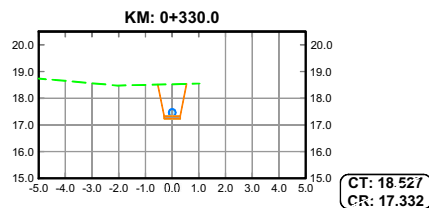
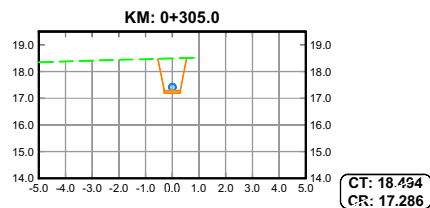
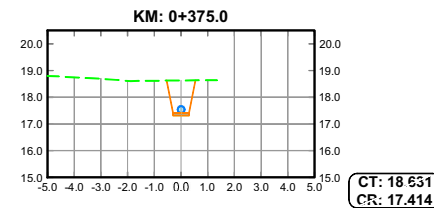
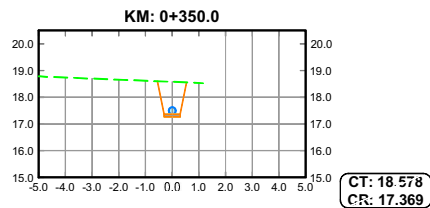
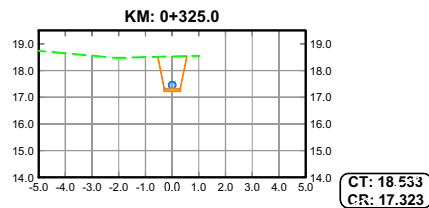
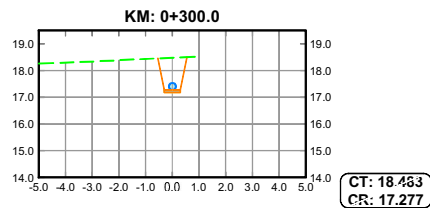


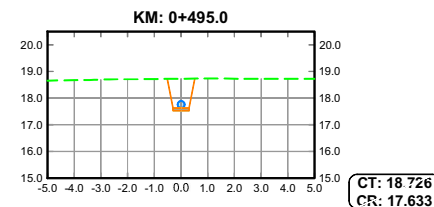
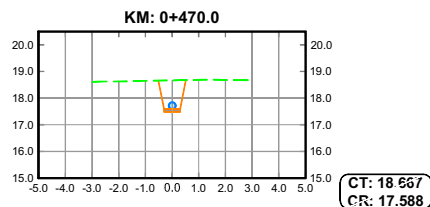
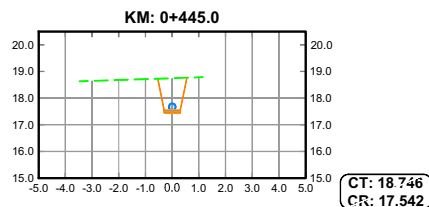
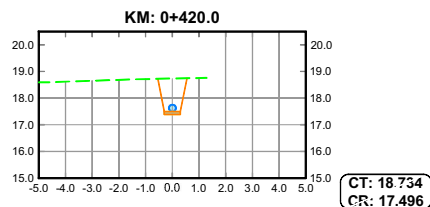
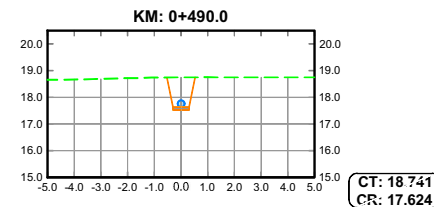
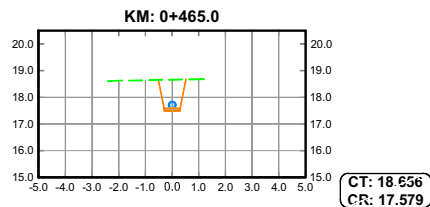
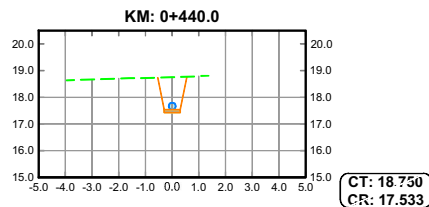
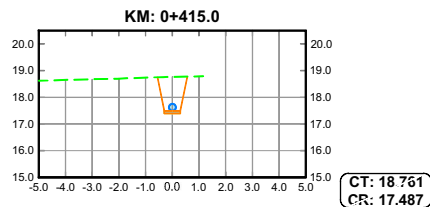
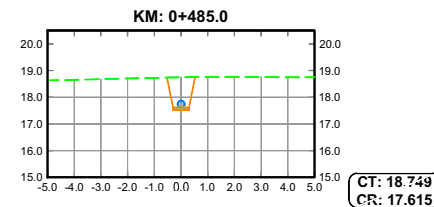
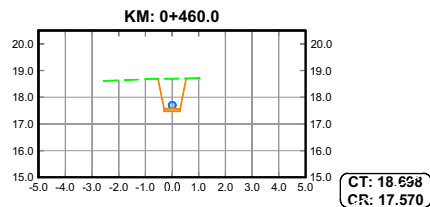
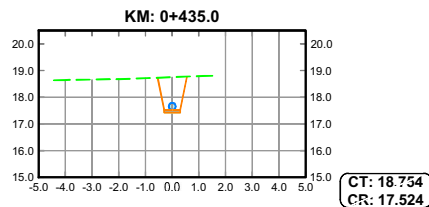
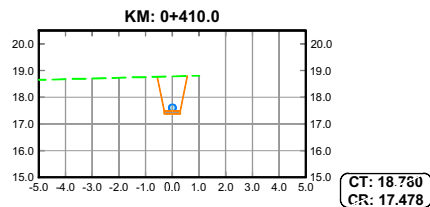
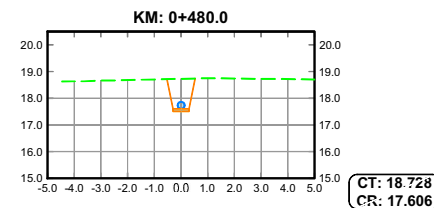
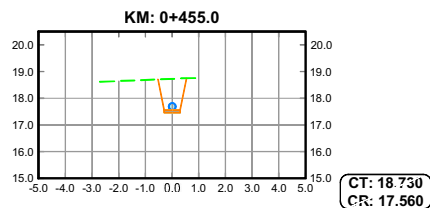
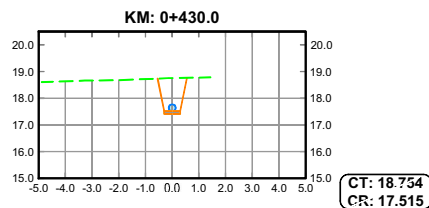
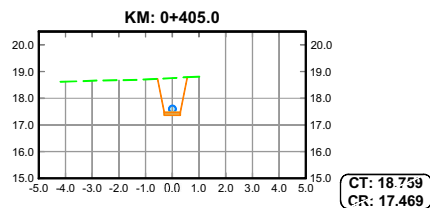
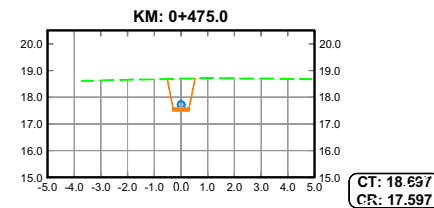
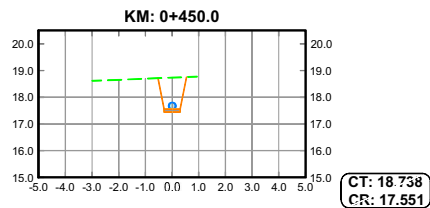
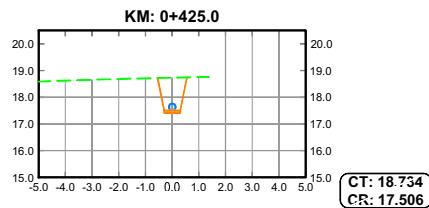
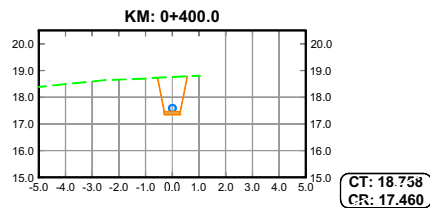
COTA TERRENY	18.48	18.52	18.50	18.60	18.69	18.76	18.73	18.75	18.70	18.73	18.69	18.75	18.74	18.82	18.88	19.13
COTA RASANT HIDRÀULICA	17.28	17.31	17.35	17.39	17.42	17.46	17.50	17.53	17.57	17.61	17.64	17.68	17.72	17.75	17.79	17.86
COTA EXCAVACIÓ	17.18	17.22	17.25	17.29	17.33	17.36	17.40	17.44	17.47	17.51	17.55	17.58	17.62	17.66	17.70	17.77
DISTÀNCIES PARCIALES	74.34m		67.85m			56.63m			17.17m	14.33m	46.42m		6.55m	65.44m		7.57m
PENDENTS	-0.18%		-0.18%			-0.18%			-0.18%	-0.18%	-0.17%		-0.20%	-0.20%		-0.11%

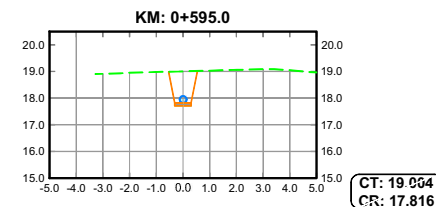
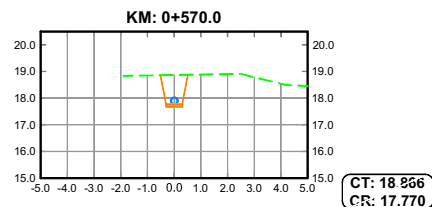
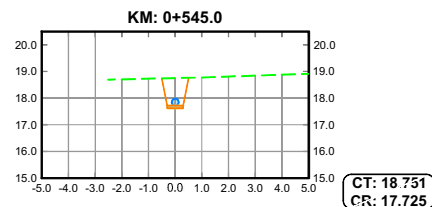
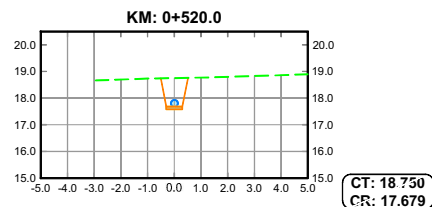
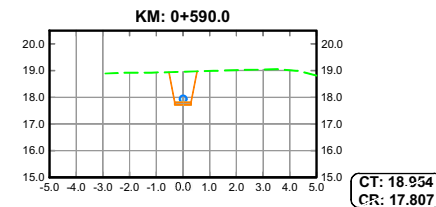
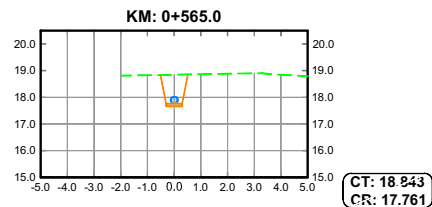
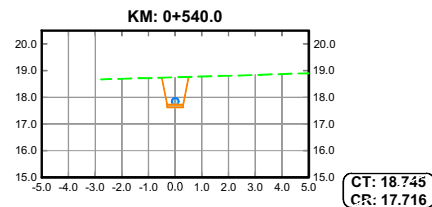
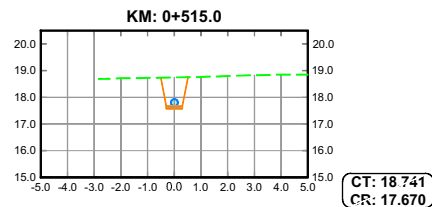
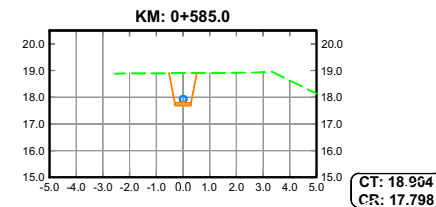
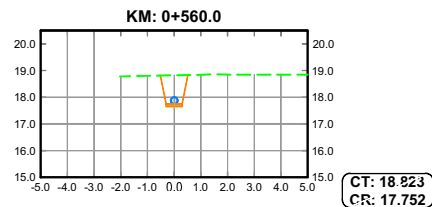
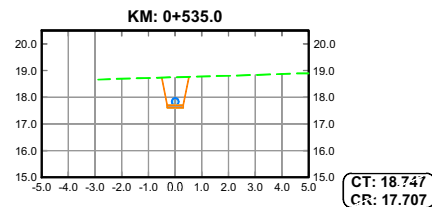
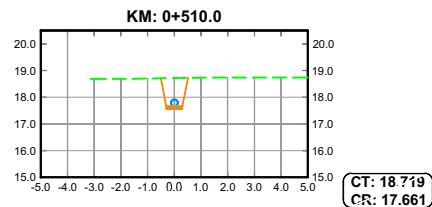
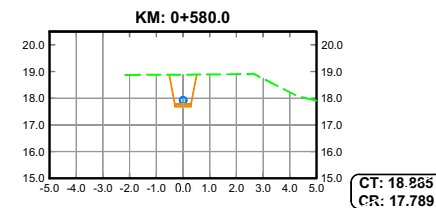
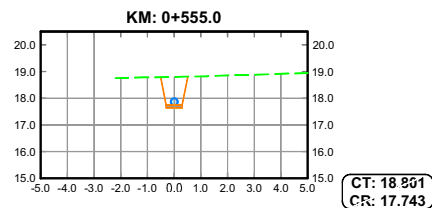
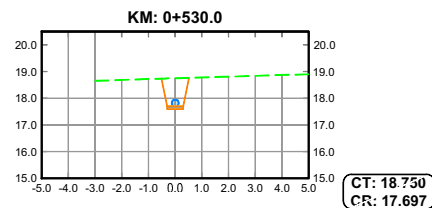
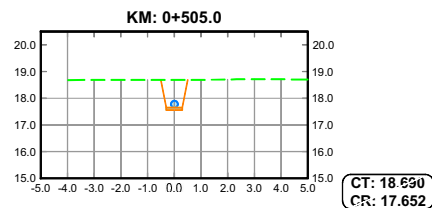
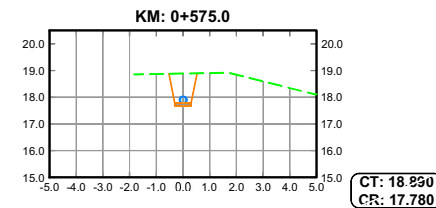
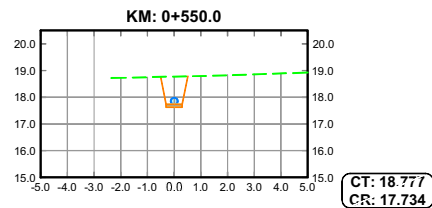
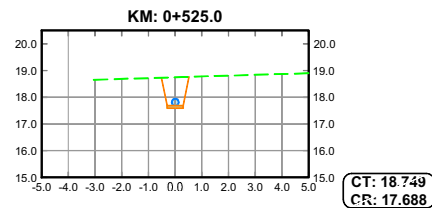
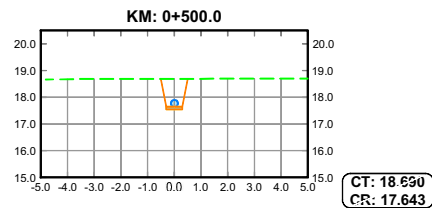


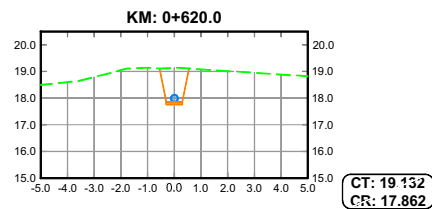
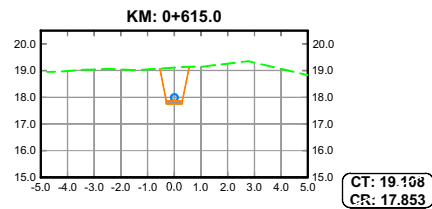
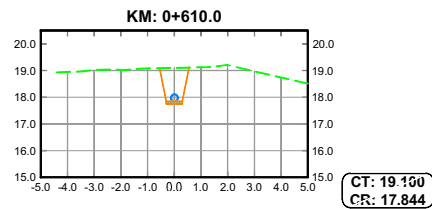
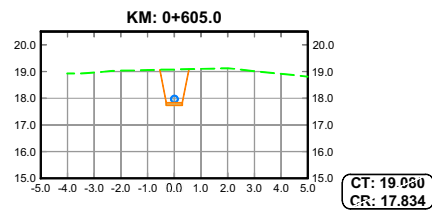
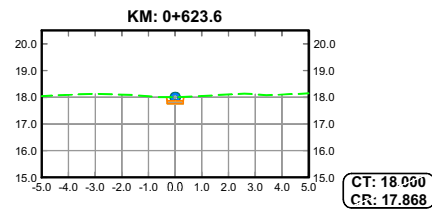
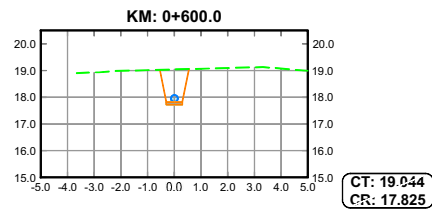










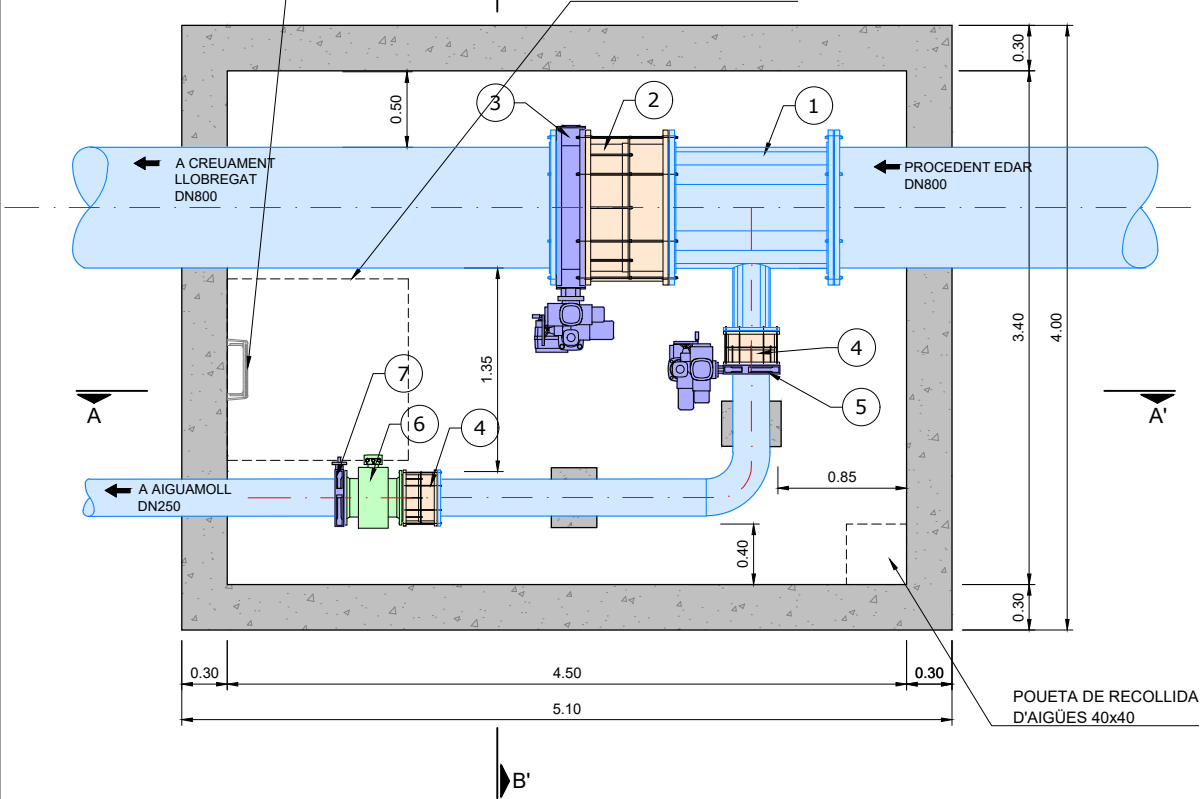


ARQUETA DE CONNEXIÓ PLANTA

ESCALA: 1/25

GRAÓ 300x300x300mm
DE POLIPROPILE I ÀNIMA
D'ACER DE 20mm DE DIÀMETRE

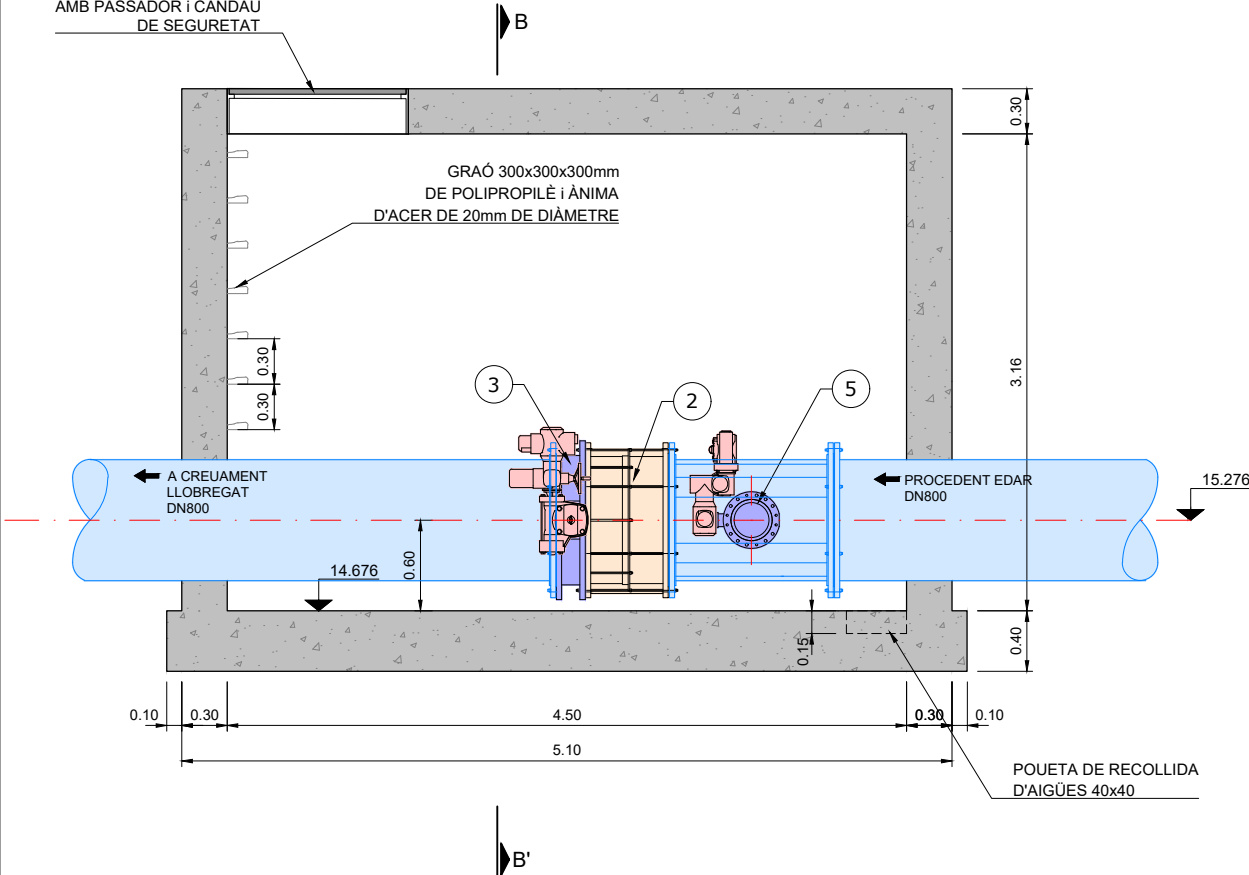
BASTIMENT I TAPA
FOSA DÚCTIL 120x120
AMB PASSADOR I CANDAU
DE SEGURETAT



ARQUETA DE CONNEXIÓ SECCIÓ A-A'

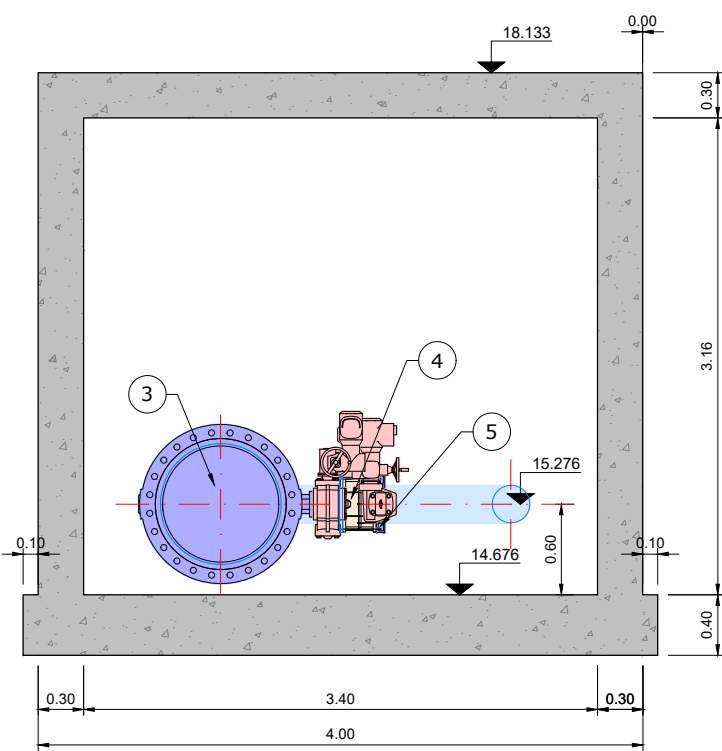
ESCALA: 1/25

BASTIMENT I TAPA
FOSA DÚCTIL 120x120
AMB PASSADOR I CANDAU
DE SEGURETAT

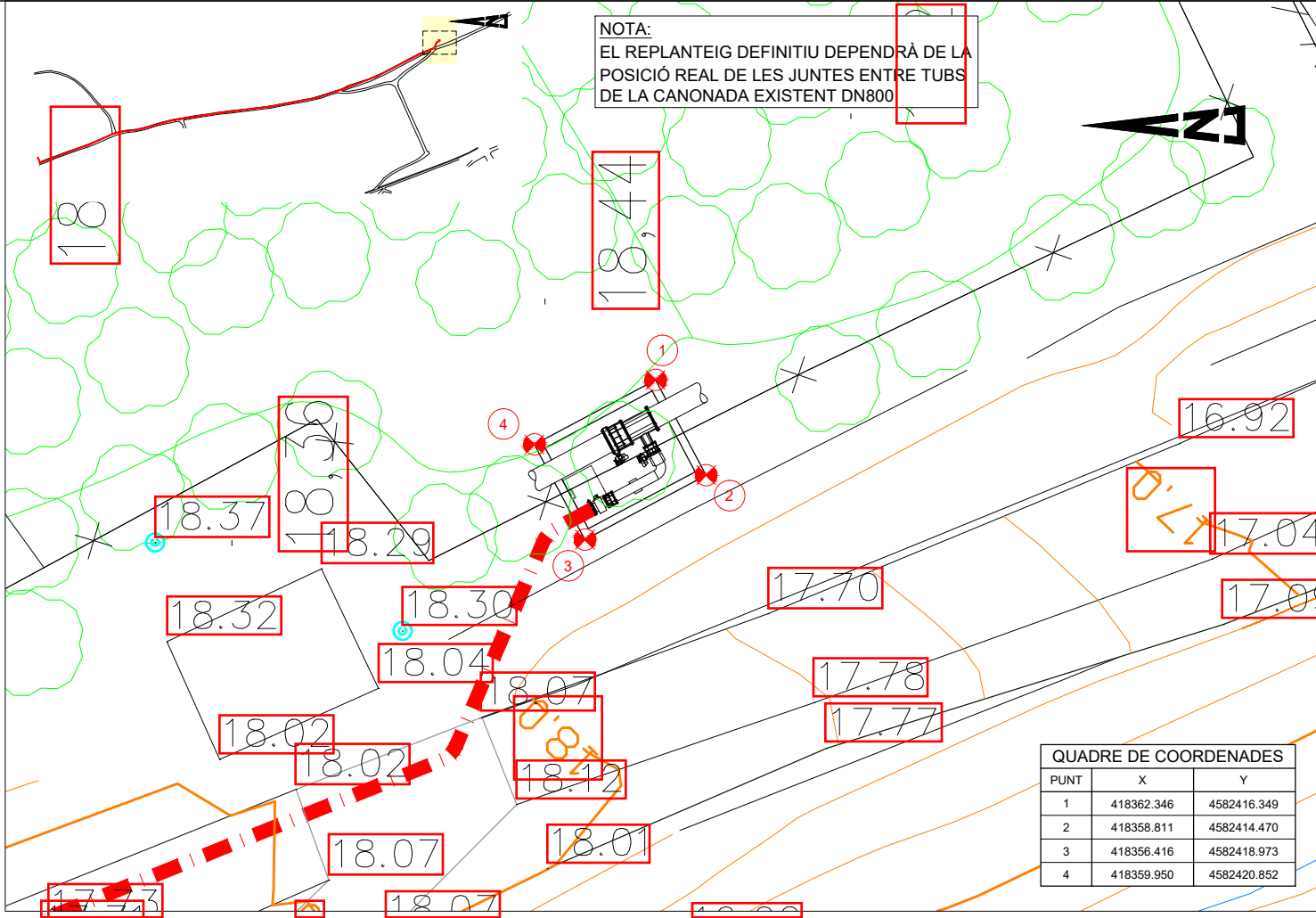


ARQUETA DE CONNEXIÓ SECCIÓ B-B'

ESCALA: 1/25



NOTA:
EL REPLANTEIG DEFINITIU DEPENDRÀ DE LA
POSICIÓ REAL DE LES JUNTES ENTRE TUBS
DE LA CANONADA EXISTENT DN800

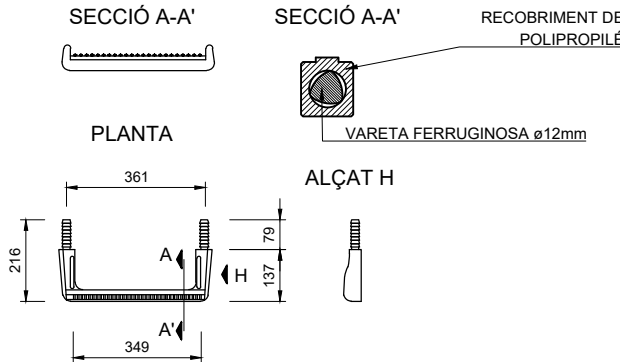


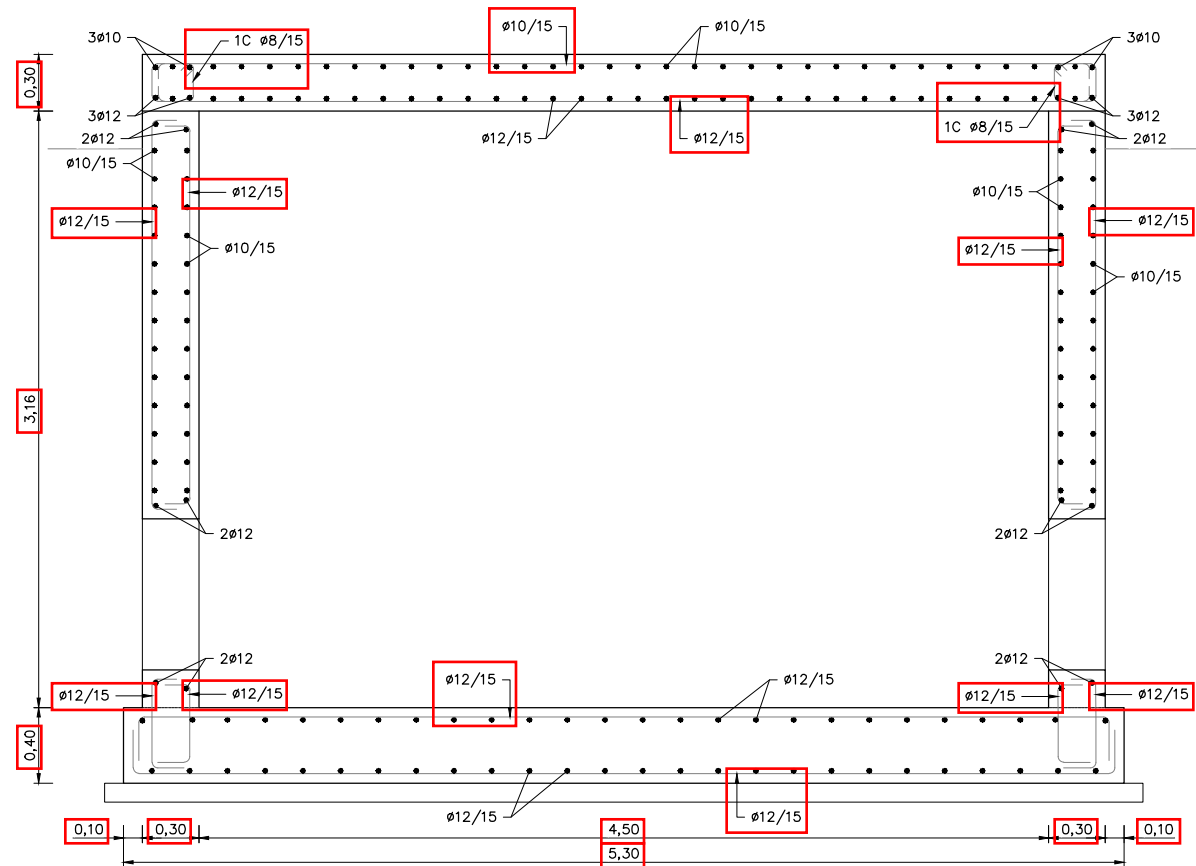
QUADRE DE COORDENADES		
PUNT	X	Y
1	418362.346	4582416.349
2	418358.811	4582414.470
3	418356.416	4582418.973
4	418359.950	4582420.852

- 1 DERIVACIÓ DN800-DN250
- 2 CARRET DESMUNTATGE DN800
- 3 VÁLVULA MARIPOSA MOTORITZADA DN800
- 4 CARRET DESMUNTATGE DN250
- 5 VÁLVULA MARIPOSA MOTORITZADA DN250
- 6 CABALÍMETRE DN250
- 7 VÁLVULA DE COMPORTA MANUAL DN250

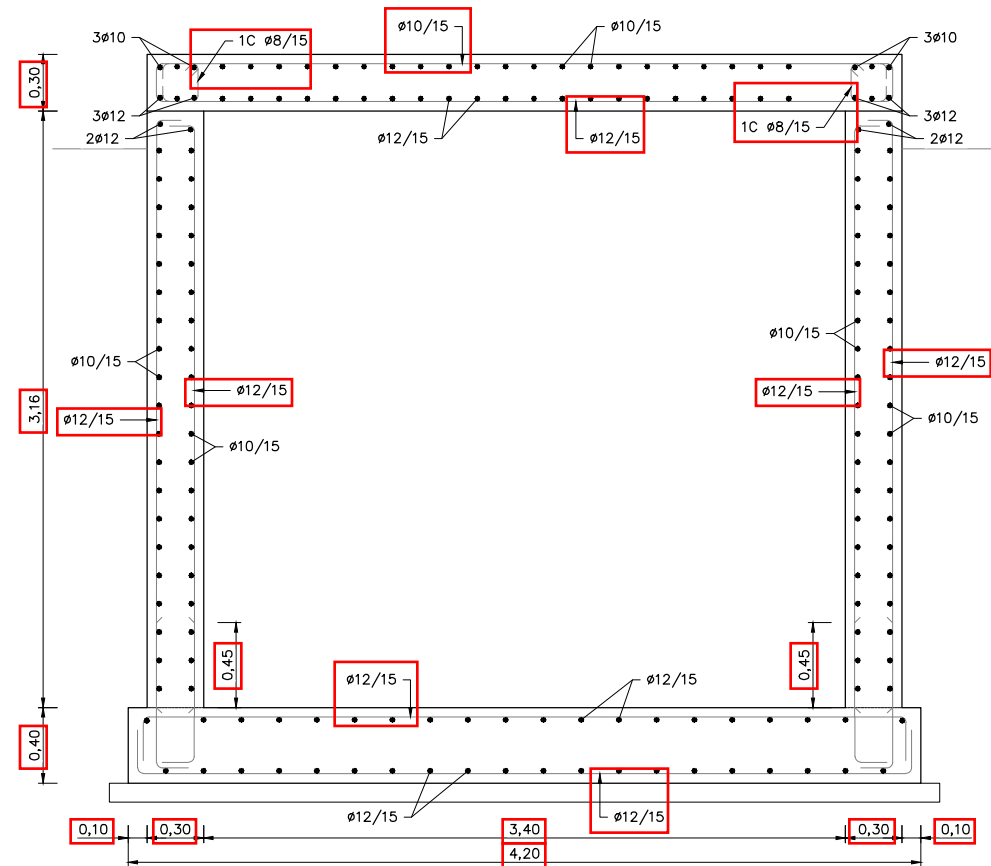
DETALL PATES

ESCALA: SENSE ESCALA

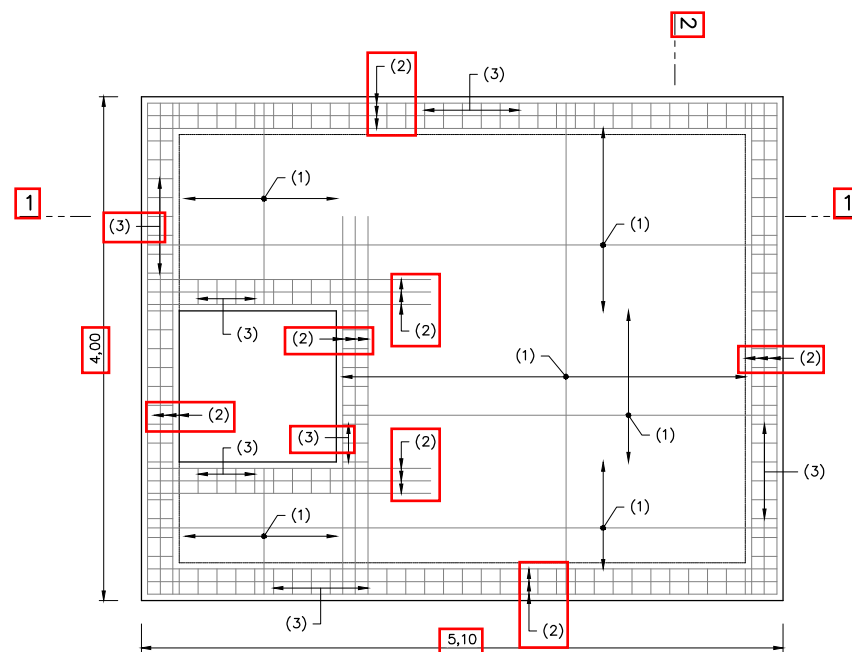




SECCIÓ 1-1
ESCALA 1:20

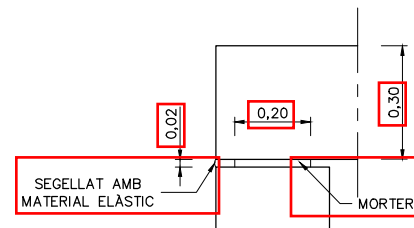


SECCIÓ 2-2
ESCALA 1:20

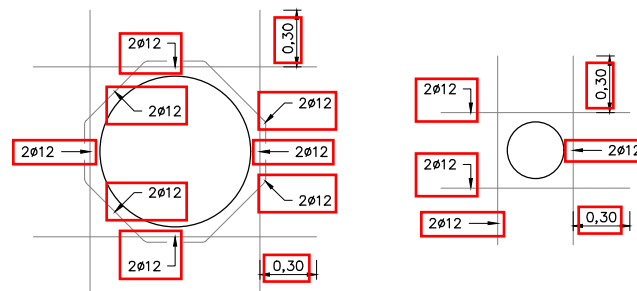


PLANTA NIVELL COBERTA
ESCALA 1:30

- (1) Ø10/15 SUPERIOR - Ø12/15 INFERIOR
(2) 3Ø10 SUPERIOR - 3Ø12 INFERIOR
(3) 1C Ø8/15



RECOLZAMENT COBERTA
ESCALA 1:10



REFORÇ FORATS CANONADES
ESCALA 1:20

MATERIALS, NIVELLS DE CONTROL Y COEFICIENTS PARCIAIS DE SEURETAT

ELEMENT	FORMIGONS			ARMADURES PASIVES		
	TIPUS	CONTROL	γ_c	TIPUS	CONTROL	γ_s
VARIS	HA-30/B/20/XC4+XA2	ESTADÍSTIC	1,50	B 500S	NORMAL	1,15
NETEJA	HL-150/P/20					

VIDA ÚTIL NOMINAL: 50 ANYS
RECOBRIMENT NOMINAL ARMADURES: 50 mm
ANCORATGES I CAVALCAMENTS SEGONS CODI ESTRUCTURAL
CONTROL DE L'EXECUCIÓ DE L'OBRA: NORMAL
CLASSE RESISTENT DEL CIMENT: 32,5 R
MÀXIMA RELACIÓ AIGUA/CIMENT: 0,50
MÍNIM CONTINGUT DE CIMENT: 350 kg/m³
TIPUS DE CIMENT: CEM III/A, III/B, IV, II/B-V, II/A-D I FORMIGÓ AMB ADDICIÓ DE MICROSILICE SUPERIOR AL 6% O DE CENDRES VOLANTS SUPERIOR AL 20%
EL FORMIGÓ SERÀ PROU IMPERMEABLE, DE FORMA QUE LES PROFUNDITATS MÀXIMA I MITJA DE PENETRACIÓ D'AIGUA, DETERMINADES SEGONS UNE-EN 12390-8, SIGUIN INFERIORS O IGUALS A 50 I 30 mm. EL CONTINGUT MÍNIM D'AIRE OCLÓS EN EL FORMIGÓ, DETERMINAT SEGONS UNE-EN 12350-7, SERÀ D'UN 4,5%



ESCALA: 1/25

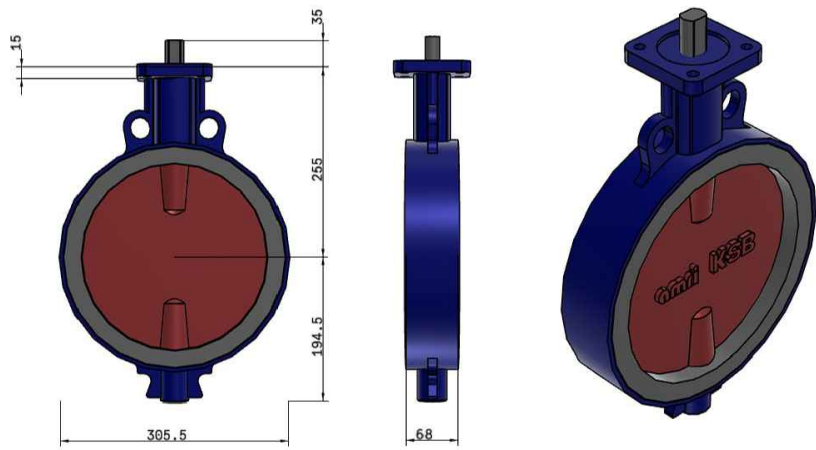


ESCALA: 1/25



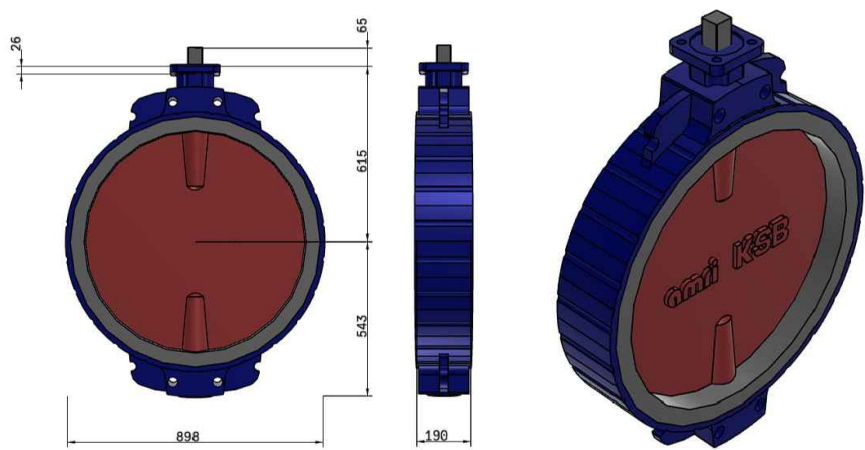
PUNT	X	Y
1	418191.731	4583002.885
2	418189.470	4583002.370
3	418188.588	4583004.757
4	418191.027	4583005.658

VÀLVULA MOTORITZADA DN250



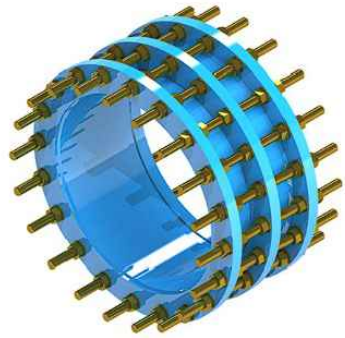
SIZEDN1 (Diámetro nominal de entrada / mm)	250
VLVBDYTYP (Tipo de carcasa de válvula)	T1 - Carcasa de oblea
CNNSTDDN1 (Conexión)	ASME B10.1
NMNLPRPN1 (Presión nominal de entrada)	Class 125

VÀLVULA MOTORITZADA DN800



SIZEDN1 (Diámetro nominal de entrada / mm)	800
VLVBDYTYP (Tipo de carcasa de válvula)	T1 - Carcasa de oblea
CNNSTDDN1 (Conexión)	AS 2129
NMNLPRPN1 (Presión nominal de entrada)	Table D

CARRET DE DESMUNTATGE



DIÁMETRO NOMINAL			LONGITUD DE MONTAJE L	TOLERANCIA DE MONTAJE (+,-)	DIN 2576 PN 10				DIN 2502 PN 16			
MM	PULG				O D	D K	DIÁMETRO TALADROS	Nº DE TALADROS BRIDA	O D	D K	DIÁMETRO TALADROS	Nº DE TALADROS BRIDA
50	2	180	30	165 125	18	4	165 125	18 4	165 125	18	4	165 125
80	3	180	30	200 160	18	4	200 160	18 4	200 160	18	8	200 160
100	4	180	30	220 180	18	8	220 180	18 8	220 180	18	8	220 180
125	5	180	30	250 210	18	8	250 210	18 8	250 210	18	8	250 210
150	6	180	30	285 240	22	8	285 240	22 8	285 240	22	8	285 240
200	8	200	40	340 295	22	8	340 295	22 8	340 295	22	12	340 295
250	10	200	40	395 350	22	12	405 355	26 12	405 355	26	12	405 355
300	12	200	40	445 400	22	12	450 410	26 12	450 410	26	12	450 410
350	14	240	40	505 460	22	16	520 470	26 16	520 470	26	16	520 470
400	16	240	40	565 515	26	16	580 525	30 16	580 525	30	16	580 525
450	18	240	40	615 565	26	20	640 585	30 20	640 585	30	20	640 585
500	20	240	40	670 620	26	20	715 650	33 20	715 650	33	20	715 650
600	24	300	50	780 725	30	20	840 770	36 20	840 770	36	20	840 770
700	28	300	50	895 840	30	24	910 840	36 24	910 840	36	24	910 840
800	32	300	50	1.015 950	33	24	1.025 950	39 24	1.025 950	39	24	1.025 950

VÀLVULA DE COMPORTA MANUAL DN250



Marca	Denominación	Nº piezas	Material	Norma
1	Cuerpo	1	EN-GJS-500-7 (GGG-50)	EN 1563
2	Tapa	1	EN-GJS-500-7 (GGG-50)	EN 1563
3	Cierre	1	EN-GJS-500-7 (GGG-50)	EN 1563
4	Revestimiento de cierre	1	EPDM	EN 681-1
5	Eje	1	X20-Cr-13	EN 10080
6	Tuerca sujeción cierre	1	Aleación cobre	EN 12165
7	Junta cuerpo-tapa	1	EPDM	EN 681-1
8	Arandela de sujeción	1	Aleación cobre	EN 12165
9	Junta tórica en eje	1	EPDM	EN 681-1
10	Tuerca prensa	1	Aleación cobre	EN 12165
11	Junta tórica tuerca prensa	2	NBR	ASTM D2000
12	Junta tórica t. prensa / tapa	2	NBR	ASTM D2000
13	Tornillo cuerpo-tapa	2/DN	Acero B2 (con recubrimiento GEOMET)	DIN-912
14	Guardapolvo	1	EPDM	
15	Volante	1	Acero estampado	
16	Tornillo de volante	1	X 5 CrNi 18 10	EN 10088
17	Arandela de volante	1	X 5 CrNi 18 10	EN 10088
18	Cuadrado	1	EN-GJS-500-7 (GGG-50)	EN 1563
19	Tornillo cuadrado	1	X 5 CrNi 18 10	EN 10088
20	Tapón cuadrado	1	Lupolen	

CABALÍMETRE DN250

Resumen de especificaciones

Error de medición máx.

Flujo volumétrico (estándar): ±0.5 % de la medida ± 1 mm/s (0.04 pulg/s)
Flujo volumétrico (opcional): ±0.2 % de la medida ± 2 mm/s (0.08 pulg/s), Flat Spec

Rango de medición

0.5 m3/h a 263000 m3/h (2.5gal/min a 1665 Mgal/d)

Rango de temperatura del medio

Material del revestimiento interior de goma dura: 0 a +80 °C (+32 a +176 °F)
Material del revestimiento interior de poliuretano: -20 a +50 °C (-4 a +122 °F)
Material del revestimiento interior de PTFE: -20 a +90 °C (-4 a +194 °F)

Máx. presión de proceso

PN 40, Clase 300, 20K

Materiales húmedos

Material del revestimiento interior de goma dura: 0 a +80 °C (+32 a +176 °F)
Material del revestimiento interior de poliuretano: -20 a +50 °C (-4 a +122 °F)
Material del revestimiento interior de PTFE: -20 a +90 °C (-4 a +194 °F)
Electrodos: 1.4435 (316L); Hastelloy C22, 2.4602 (UNS N06022); Tántalo



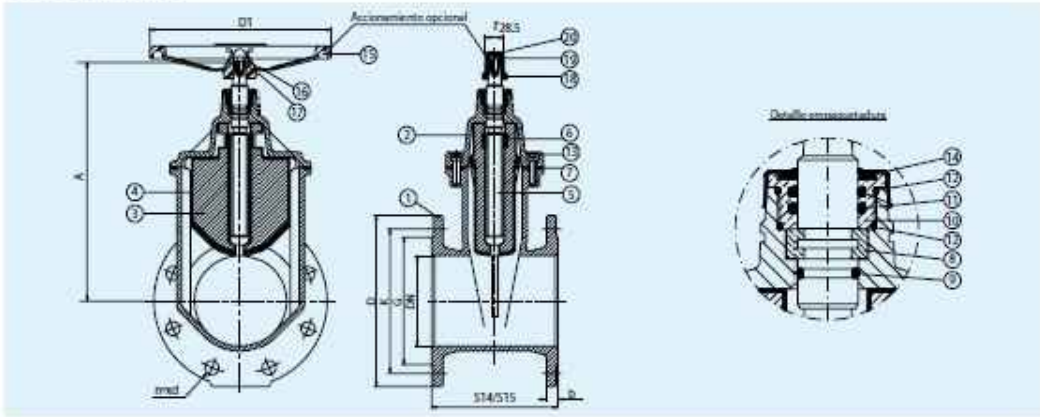
FLEX

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Proline Promag W 400 for the water and wastewater industry



PN-10/16 / DN-40/350*



DN	D	b	EN 1092-2 PN 10			EN 1092-2 PN 16			EN 558 (DIN 2502)		Peso kg		A	D1	Nº vueltas para cierre
			K	G	Nº x d	K	G	Nº x d	514 (F-4)	515 (F-5)	514 (F-4)	515 (F-5)			
40	150	19	110	84	4x19	110	84	4x19	140	240	8	9	192	125	10
50	165	19	125	99	4x19	125	99	4x19	150	250	10	11	202.5	125	12.5
65	185	19	145	118	4x19	145	118	4x19	170	270	12.5	13.5	221	150	13
80	200	19	160	132	8x19	160	132	8x19	180	280	17	18.5	268	175	16
100	220	19	180	156	8x19	180	156	8x19	190	300	21	22.5	310	200	20
125	250	19	210	184	8x19	210	184	8x19	200	325	29.5	32	357.5	250	25
150	285	19	240	211	8x23	240	211	8x23	210	350	38	41	398.5	300	30
200	340	20	295	266	8x23	295	266	12x23	230	400	58	66	488.5	350	33
250	400	22	350	319	12x23	355	319	12x28	250	450	85.5	100.5	581.5	400	45
300	455	24.5	400	370	12x23	410	370	12x28	270	500	121	141	656.5	500	50
*150	520	26.5	460	429	16x23	470	429	18x28	290	550	144	166	656.5	500	50

* El peso de la válvula es de DN-300.

