

"Proyecto Alba – Nuevas Plantas de Poliolefinas, Plataformas Logísticas y Offsites"

Data: 01/04/2025

DOSSIER DA QUALIDADE

Documentação Técnica e Certificação

CAPÍTULO 3.3: PLANOS RED-LINE**✓ APROVADO.**

Planos com anotações e modificações realizadas em obra.

VALIDAÇÃO E VERIFICAÇÃO

Ação	Responsável	Data	Assinatura
Elaborado por: Tecnico da Qualidade	José Antunes	31/03/2025	
Aprovado por: Diretor de Obra	Luis salvado	01/04/2025	

Notas/Observações:

VALIDAÇÃO REPSOL	ASSINATURA/CARIMBO
Responsável:	
Data:	

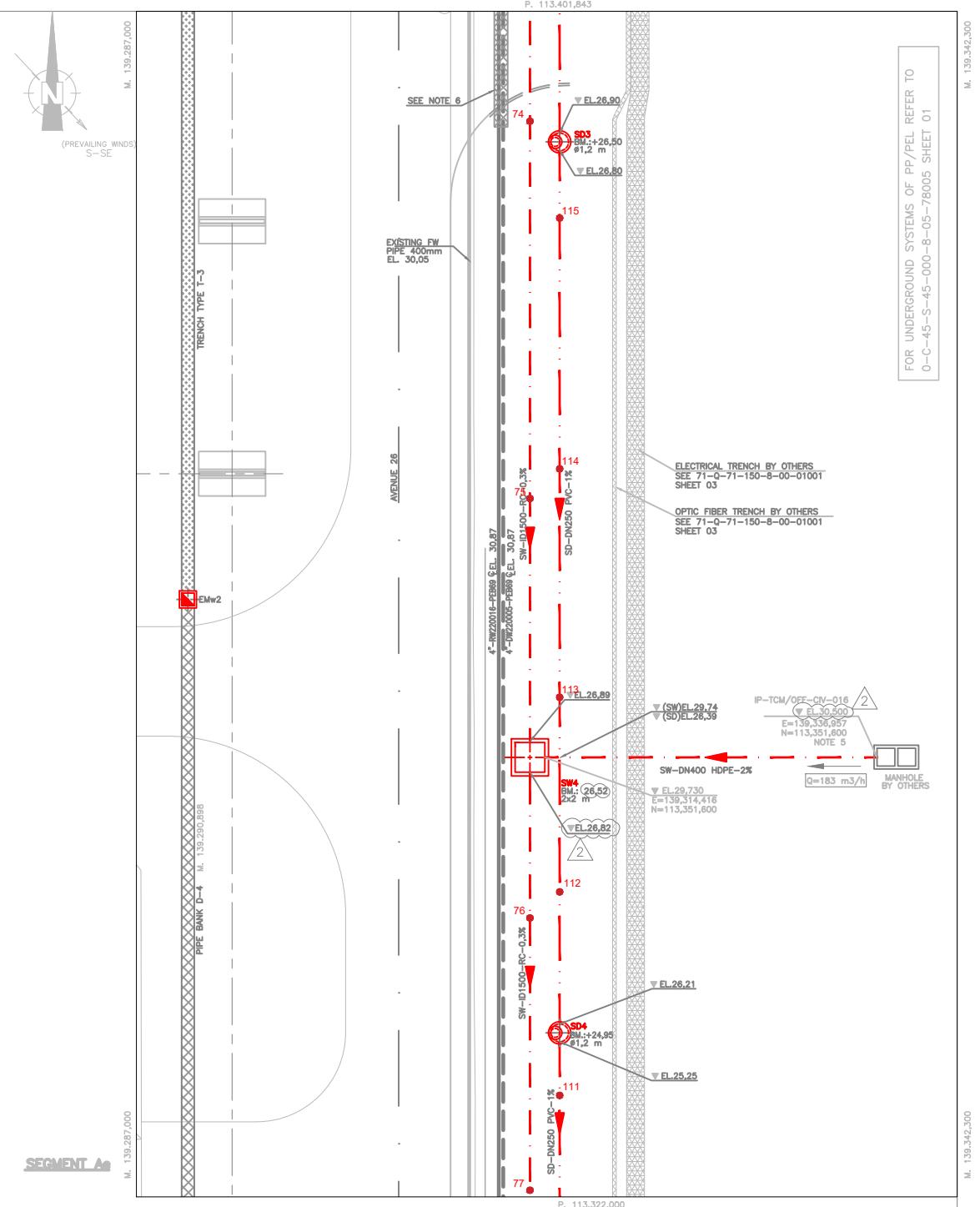
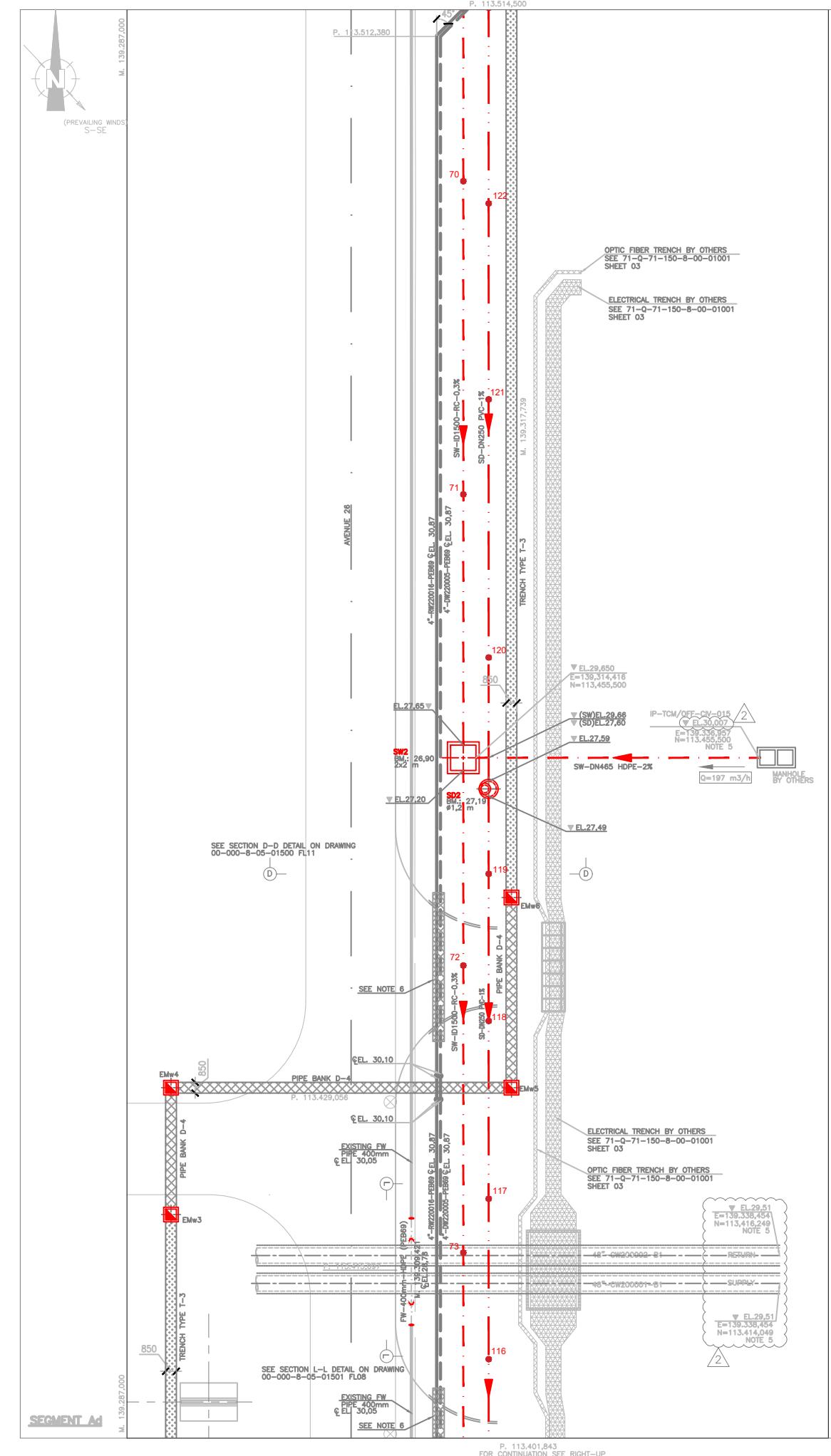
DOSSIER DE QUALIDADE

 ASCH <small>INFRAESTRUCTURAS Y SERVICIOS</small>	Empreitada:	DOCUMENTO Nº:
	4001008 - "Nuevas Plantas de Poliolefinas, Plataformas Logísticas Y Offsites"	DATA:
		31/01/2025

3.3 PLANOS RED-LINE

ITEM	DESCRIÇÃO DOCUMENTAL	Nº FOLHAS	CÓDIGO
1	OFFSITES ALBA-UNDERGROUND SYSTEMS-LOGISTIC PLATFORM_PP AND PEL GENERAL ARRANGEMENT SEGMENT Aa-Ab & Ac	1	00-000-8-05-01500 FL02
2	OFFSITES ALBA-UNDERGROUND SYSTEMS-LOGISTIC PLATFORM,_PP AND PEL GENERAL ARRANGEMENT SEGMENT Ad and Ae	1	00-000-8-05-01500 FL03
3	OFFSITES ALBA-UNDERGROUND SYSTEMS-LOGISTIC PLATFORM_PP AND PEL GENERAL ARRANGEMENT SEGMENT Af and Ag	1	00-000-8-05-01500 FL04
4	UNDERGROUND SYSTEMS. LOGISTIC PLATFORM, PP AND PEL GENERAL ARRANGEMENT SEGMENT Ah	1	00-000-8-05-01500 FL05
5	OFFSITES ALBA-UNDERGROUND SYSTEMS-LOGISTIC PLATFORM PP AND PEL GENERAL ARRANGEMENT SEGMENT Ai AND Aj	1	00-000-8-05-01500 FL06
6	OFFSITES ALBA-UNDERGROUND SYSTEMS-LOGISTIC PLATFORM PP AND PEL GENERAL ARRANGEMENT SEGMENT 1-2-3-4 AND 5	1	00-000-8-05-01500 FL07
7	OFFSITES ALBA-UNDERGROUND SYSTEMS-LOGISTIC PLATFORM PP AND PEL GENERAL ARRANGEMENT SEGMENT 11-12 AND 13	1	00-000-8-05-01500 FL10

31/01/2025			
Data	Qualidade	Director Obra	Repsol
	Verificado	Aprovado	Cliente



Ponto	Coordenadas		Ponto	Coordenadas	
	X	Y		X	Y
122	139315.838	113499.224	112	139315.618	113342.545
121	139315.923	113483.770	SD4	139315.623	113344.262
120	139316.036	113463.418	111	139315.548	113328.842
SD2	139316.102	113450.741	70	139313.507	113500.974
119	139316.072	113446.351	71	139313.501	113476.275
118	139315.978	113434.747	SW2	139313.525	113454.040
117	139315.865	113420.728	72	139313.519	113439.126
116	139315.763	113408.078	73	139313.463	113416.481
SD3	139315.636	113391.642	74	139313.408	113394.444
115	139315.635	113387.928	75	139313.346	113369.038
114	139315.630	113371.036	SW4	139313.315	113351.525
113	139315.626	113355.652	76	139313.299	113340.791
112	139315.618	113342.545	77	139313.248	113322.454

PLANO N° DRAWING NUMBER	HOJA SHEET	TÍTULO TITLE
00-000-8-05-01500	1	SITE PLOT PLAN
00-000-8-05-01501	1	RAINYWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	2	RAINYWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	3	PIPE PROTECTION SYSTEM DETAILS
00-000-8-05-01501	4	PIPE PROTECTION SYSTEM DETAILS
00-000-8-05-01501	5	SANITARY DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	6	LUMINAIRE FOUNDATION AND ELECTRICAL TRENCH DETAILS
00-000-8-05-01500	1	UNDERGROUND SYSTEM KEY PLAN
00-000-8-05-01500	2 & 4 TO 6	UNDERGROUND SYSTEM, LOGISTIC PLATFORM, PP AND PEL
00-000-8-05-01500	7 & 9	UNDERGROUND SYSTEM, AVENUE 8
00-000-8-05-01500	10	UNDERGROUND SYSTEM, AVENUE 27
00-000-8-05-01500	11/12	UNDERGROUND SYSTEM, SECTIONS
00-000-8-11-00001	01	SINES INDUSTRIAL COMPLEX PILOT PLAN GENERAL TOPOGRAPHIC SURVEY STATIONS DATUM MILITARY COORDINATES
00-000-04-00100	1	GENERAL SEWER SYSTEMS
00-000-04-00100	2	GENERAL SEWER SYSTEMS, ALBA PROJECT Dismantling PIPES

NOTES

1.- ALL DIMENSIONS ARE IN MILLIMETERS (mm).
2.- ALL COORDINATES AND ELEVATIONS ARE IN METERS (m).
3.- COORDINATES REFER TO THE DATUM/LOCAL COORDINATE SYSTEM GENERALLY USED IN SINES COMPLEX:
DATUM MILITARY
ELLIPSOID: SPHERE 1984
MERCATOR TRANSVERSE PROJECTION SYSTEM GEOIDE
GEOTOB-WGS84-MILITARY COORDINATES
ELEVATIONS REFERRED TO SEA LEVEL AT MAREGRAFO DE CASCAIS.
REFERENCE ELEVATION USED ACCORDING BASE: FREFP06, START ELEVATION FOR GEOMETRIC LEVELING OF THE DOUBLE RING CARRIED OUT TO PROVIDE ALTIMETRY TO THE IMPLANTED TOPOGRAPHIC NETWORK BASES.

4.- EXECUTION CONTROLS WILL BE REINFORCED IN ACCORDANCE WITH THE DESCRIBED IN EUROCODE 2

5.- COORDINATES ON BATTERY LIMIT ACCORDING DRW: 45-S-45-000-8-05-78005-ISO3

6.- PIPE PROTECTION. FOR DETAIL SEE DRAWING: 00-000-8-05-01501 FLO4

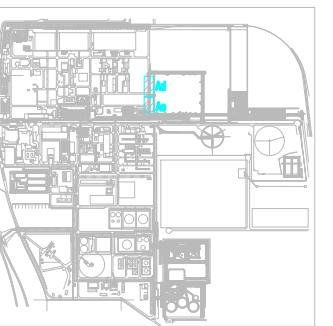
LEGEND

EL. ELEVATION
ID. INTERNAL DIAMETER
DN. NOMINAL DIAMETER
W.P. WORKING POINT
BM. BOTTOM OF MANHOLE

SYMBOLS



KEY PLAN



2 4001008	MODIFIED WHERE INDICATED	20/07/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
1 4001008	GENERAL MODIFICATION	10/05/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
REV. PROYECTO REV. PROJECT	DESCRIPCIÓN DESCRIPTION	FECHA DATE	REALIZ. PREP.	COMPR. CHECK.	APROB. APPROV.	VER. CONECT. CLASE
NEGOCIO: BUSINESS: CENTRO: FACILITY:						
REPSOL POLIMEROS, S.A.						
COMPLEJO INDUSTRIAL SINES						
REPSOL						
AYESA						
Nº PROYECTO REPSOL / PROJECT CODE: ENQ COMPANY PROJECT CODE: 9576						
TIENDA: TITLE:	REALIZADO PREPARED	C.B.A.	03/03/23			
COMPROB. CHECKED	H.B.S.	03/03/23				
APROBADO APPROVED	G.R.C.	03/03/23				
V.B. CLIENTE CLIENT APPROVAL	P.L.Z.	03/03/23				

OFFSITES ALBA
UNDERGROUND SYSTEMS. LOGISTIC PLATFORM, PP AND PEL
GENERAL ARRANGEMENT
SEGMENT Ad and Ae

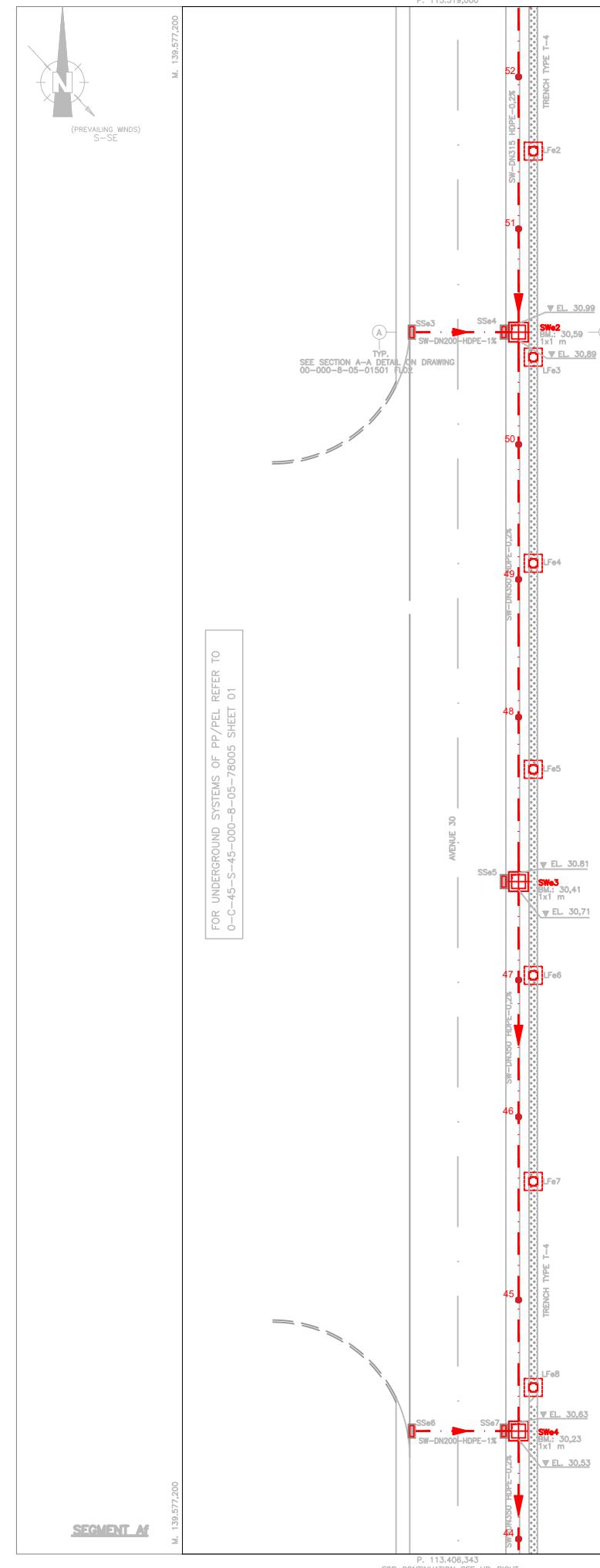
AREA/ANEXO:
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CLASIFICAC.:
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PLANO N°:
00-000-8-05-01500

Sheet 3
Sheet 3

REV.:
2



Ponto	Coordenadas		Ponto	Coordenadas	
	X	Y		X	Y
52	139601.815	113513.886	SWe4	139601.732	113415.382
51	139601.829	113502.826	44	139601.709	113407.449
SWe2	139601.838	113495.397	43	139601.676	113397.098
50	139601.798	113487.127	SWe5	139601.656	113390.266
49	139601.747	113477.305	42	139601.659	113383.196
48	139601.695	113467.276	41	139601.664	113372.201
SWe3	139601.635	113455.299	SWe6	139601.667	113363.828
47	139601.652	113448.140	40	139601.691	113353.024
46	139601.676	113438.180	39	139601.719	113341.413
45	139601.710	113424.854	38	139601.746	113329.724

PLANO N° DRAWING NUMBER	HJDA SHEET Sheet	TITLE TITLE
00-000-8-01-0001	1	SITE PLOT PLAN
00-000-8-05-01501	1	RAINYWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	2	RAINYWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	3	ODR DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	4	ODR DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	5	SANITARY DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	6	LUMINAIRE FOUNDATION AND ELECTRICAL TRENCH DETAILS
00-000-8-05-01500	1	UNDERGROUND SYSTEM KEY PLAN
00-000-8-05-01500	2/3/5/6	UNDERGROUND SYSTEM, LOGISTIC PLATFORM, PP AND PEL
00-000-8-05-01500	7 & 9	UNDERGROUND SYSTEM, AVENUE 8
00-000-8-05-01500	10	UNDERGROUND SYSTEM, AVENUE 27
00-000-8-05-01500	11/12	UNDERGROUND SYSTEM, SECTIONS
00-000-8-11-00001	01	SINES INDUSTRIAL COMPLEX PILOT PLAN GENERAL TOPOGRAPHIC SURVEY STATIONS DATUM MILITAR COORDINATES
00-000-04-00100	1	GENERAL SEWER SYSTEMS
00-000-04-00100	2	GENERAL SEWER SYSTEMS, ALBA PROJECT Dismantling PIPES

NOTES

1.- ALL DIMENSIONS ARE IN MILLIMETERS (mm).

2.- ALL COORDINATES AND ELEVATIONS ARE IN METERS (m).

3.- COORDINATES REFER TO THE DATUM/LOCAL COORDINATE SYSTEM GENERALLY USED IN SINES COMPLEX:
DATUM MILITAR
ELLIPSOIDE: SPAIN 1984
MERCATOR TRANSVERSE PROJECTION SYSTEM GEOIDE
GEOTOB-WGS84-MILITARY COORDINATES
ELEVATIONS REFERRED TO SEA LEVEL AT MAREGRAFO DE CASCAIS.
REFERENCE ELEVATION USED ACCORDING BASE: FREFP06. START ELEVATION FOR GEOMETRIC LEVELING OF THE DOUBLE RING CARRIED OUT TO PROVIDE ALTIMETRY FOR THE IMPLANTED TOPOGRAPHIC NETWORK BASES.

4.- EXECUTION CONTROLS WILL BE REINFORCED IN ACCORDANCE WITH THE DESCRIBED IN EUROCODE 2

LEGEND

EL.	ELEVATION
ID	INTERNAL DIAMETER
DN	NOMINAL DIAMETER
BM	BOTTOM OF MANHOLE

SYMBOLS

—SW—	CLEAN RAINWATER HDPE CORRUGATED SN8 (EN-13476) WILL BE USED UP TO DN1000. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE.
—SD—	SANITARY DRAINAGE SYSTEM IN CORRUGATED PVC SN-8 (EN-13476)
□	TYPE SW MANHOLE
■	PRECAST CONCRETE SYPHONIC SCUPPER
▼	BOTTOM PIPE ELEVATION
▨	ELECTRICAL TRENCH
▨▨	ELECTRICAL TRENCH UNDER STREET/PIPE BANK
▨□	FOUNDATION FOR STREET LIGHTING FIXTURE



KEY PLAN

1	4001008	MODIFICATED WHERE INDICATED △	20/07/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
REV.	PROYECTO PROJECT	DESCRIPCION DESCRIPTION	FECHA DATE	REALIZ. PREP.	COMPR. CHECK	APROB. APPROV.	VIS. CLAVE
ENQ.	PROYECTO PROJECT	NEGOCIO: BUSINESS: CENTRO: FACILITY:	REPSOL POLIMEROS, S.A.				
REPSOL							
AYESA							
IV. PROYECTO INGENIERIA ENQ. COMPANY PROJECT CODE 9576	IV. PROYECTO INGENIERIA ENQ. COMPANY PROJECT CODE 9576	REALIZADO PREPARED APROBADO APPROVED G.R.C.	C.B.A.	H.B.S.	G.R.C.	P.L.Z.	VIS. CLAVE
ESCALA: SCALE: 1:150	TAMANO: SIZE: DIN-A0	V.B. CLIENTE CLIENT APPROVAL					

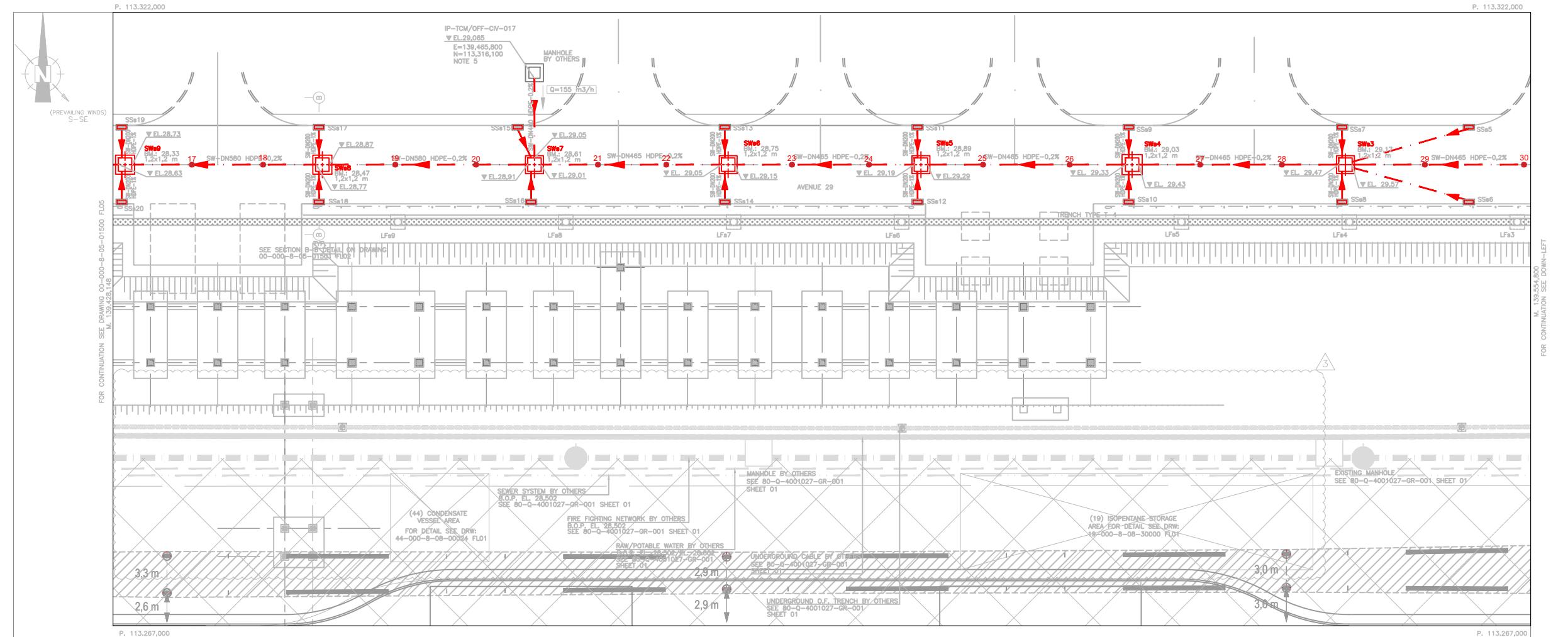
TI TITULO:
OFFSITES ALBA
UNDERGROUND SYSTEMS, LOGISTIC PLATFORM, PP AND PEL
GENERAL ARRANGEMENT
SEGMENT Af and Ag

AREA/ANEXO:
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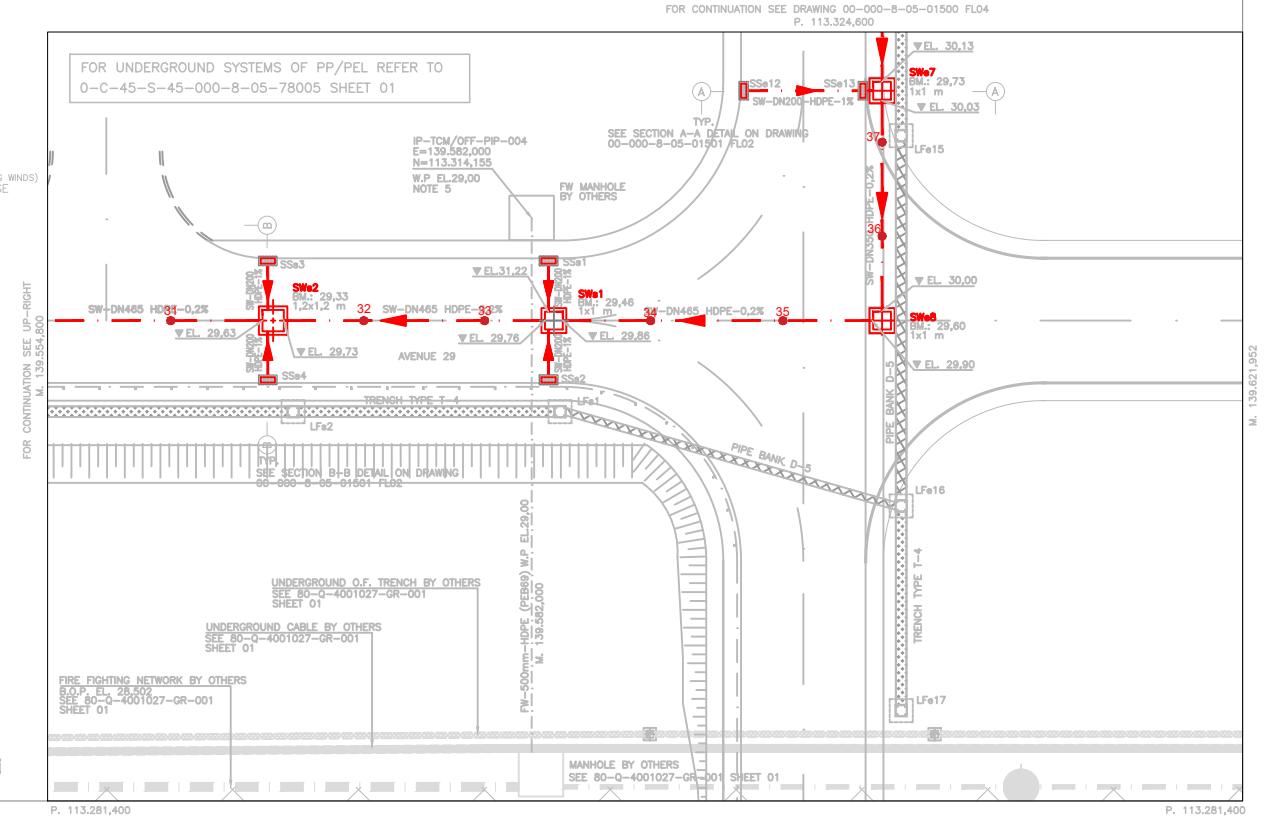
CLASIF.:
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PLANO N°:
DRAWING NUMBER:
00-000-8-05-01500

Sheet 4
Hoja 4
Rev. 1

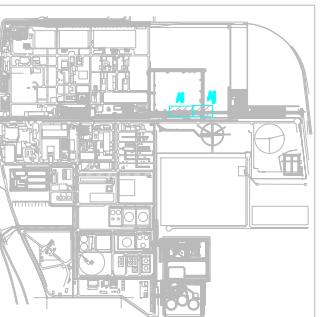


Ponto	Coordenadas	
	X	Y
SWe7	139601.764	113321
36	139601.255	113313
37	139601.590	113318
SWe8	139600.991	113308
35	139596.114	113308
34	139588.680	113308
SWs1	139583.518	113308
33	139579.354	113308
32	139572.565	113308
SWs2	139567.407	113308
31	139561.721	113308
30	139554.200	113308
29	139545.346	113308
SWs3	139538.339	113308
28	139532.573	113308
27	139525.268	113308
SWs4	139519.261	113308
26	139513.611	113308
25	139505.876	113308
SWs5	139499.915	113308
24	139495.681	113308
23	139488.806	113308
SWs6	139483.195	113308
22	139477.573	113308
21	139471.472	113308
SWs7	139465.749	113308
20	139460.577	113308
19	139453.361	113308
SWs8	139446.946	113308
18	139441.554	113308
17	139435.194	113308
SWs9	139429.640	113308



REV.	PROYECTO REV. PROJECT	DESCRIPCIÓN DESCRIPTION	FECHA DATE	REALIZ. PREP. C. B.	COMPR. CHECK H.B.S.	APROB. APPROV. G.R.C.	CLIENTE CLIENT C. I.
3	4001008	MODIFIED WHERE INDICATED	04/10/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
2	4001008	MODIFIED WHERE INDICATED	20/07/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
1	4001008	MODIFIED WHERE INDICATED	26/05/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
				NEGOCIO: BUSINESS:	REPSOL	POLÍMEROS, S.A.	
				CENTRO: FACILITY:	COMPLEJO	INDUSTRIAL SINES	
				Nº PROYECTO REPSOL REPSOL PROJECT CODE: 4001008	REALIZADO COMPLETED C.B.A.	10/05/23	
				ESCALA: SCALE: 1:150	COMPROB. CHECKED H.B.S.	10/05/23	
				TAMANO: SIZE: DIN-A0	APROBADO APPROVED G.R.C.	10/05/23	
				V.B° CLIENTE CLIENT APPROVAL	P.L.Z.	10/05/23	
IN. PROYECTO INGENIERIA ENG. COUNTRY PROJECT CODE: 9576							

KEY PLAN



OFFSITES ALBA
ERGROUND SYSTEMS, LOGISTIC PLATFORM, PP AND PEL
GENERAL ARRANGEMENT
SEGMENT Ai and Ai

