3.3 PLANOS RED-LINE

ITEM	DESCRIÇÃO DOCUMENTAL	Nº FOLHAS	CODIGO
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

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Ponto	Coordenadas		Ponto	Coordenadas	
	X	Y		X	Y
SWn1	139583.415	113537.278	SWn5	139426.305	113532.714
53	139575.769	113537.298	62	139412.341	113532.806
SWn2	139567.010	113537.339	63	139403.209	113532.864
54	139557.545	113537.345	SWn6	139395.261	113532.918
55	139538.505	113537.333	64	139386.259	113532.915
56	139521.801	113537.323	65	139369.656	113532.899
SWn3	139510.110	113537.323	66	139350.167	113532.879
57	139502.036	113536.218	SWn7	139337.899	113532.874
58	139488.485	113534.222	67	139331.381	113531.105
SWn4	139478.203	113532.794	68	139323.013	113528.619
59	139466.428	113532.780	SW1	139313.497	113526.069
60	139447.937	113532.746	69	139313.511	113515.679
61	139431.772	113532.717			

REFERENCE DRAWINGS

PLANO Nº DRAWING NUMBER	HOJA SHEET	TITULO TITLE
00-000-0-01-00001	1	SITE PLOT PLAN
00-000-8-05-01501	1	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	2	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	3	OIL DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	4	OIL 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 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	8	UNDERGROUND SYSTEM. AVENUE 8 & AVENUE 11
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 PLOT PLAN GENERAL TOPOGRAPHIC SURVEY STATIONS DATUM MILITAR COORDINATES
00-000-0-04-00100	1	GENERAL SEWER SYSTEMS
00-000-0-04-00100	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 WGS 1984
MERCATOR TRANSVERSE PROJECTION SYSTEM GEOIDE
GEOT08-WGS84-MILITARY COORDINATES

ELEVATIONS REFERRED TO SEA LEVEL AT MAREGRAFO DE CASCAIS.

REFERENCE ELEVATION USED ACCORDING BASE: FREEP06. 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: 53-000-8-06-00001F01

6.- PIPE PROTECTION. FOR DETAIL SEE DRAWING: 00-000-8-05-01501 FL04

7.- COORDINATES ON BATTERY LIMIT ACCORDING DRW: 45-S-45-000-8-05-78005-IS03

LEGEND

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

SYMBOLOGY

- SW — CLEAN RAINWATER HDPE CORRUGATED SN8 (EN-13476) WILL BE USED UP TO DN1000. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE CLASS 135 (EN-1916)
- SD — SANITARY DRAINAGE SYSTEM IN CORRUGETED PVC SN-8 (EN-13476)
- RW — RAW WATER HDPE 4"
- DW — DRINKING WATER HDPE 4"
- FW — FIRE WATER SYSTEM
- EXISTING PIPE
- TYPE SW MANHOLE
- PRECAST CONCRETE SYPHONIC SCUPPER
- TYPE OCW MANHOLE
- TYPE SD MANHOLE
- BOTTOM PIPE ELEVATION
- ELECTRICAL TRENCH
- ELECTRICAL TRENCH UNDER STREET/PIPE BANK
- FOUNDATION FOR STREET LIGHTING FIXTURE

KEY PLAN

REV. REV.	PROYECTO PROJECT	DESCRIPCIÓN DESCRIPTION	FECHA DATE	REALIZ. PREP.	COMPR. CHCK.	APROB. APPROV.	CLIENTE CLIENT APPROVAL
2	4001008	MODIFICATED WHERE INDICATED 2	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.

REPSOL

NEGOCIO: BUSINESS: REPSOL POLÍMEROS, S.A.

CENTRO: FACILITY: COMPLEJO INDUSTRIAL SINES

ayesa

Nº PROYECTO REPSOL: REPSOL PROJECT CODE: 4001008

Nº PROYECTO INGENIERIA: ENG. COMPANY PROJECT CODE: 9576

ESCALA: SCALE: 1:150

TAMAÑO: SIZE: DIN-A0

REALIZADO PREPARED	C.B.A.	03/03/23
COMPROB. CHECKED	H.B.S.	03/03/23
APROBADO APPROVED	G.R.C.	03/03/23
VºBº CLIENTE CLIENT APPROVAL	P.L.Z.	03/03/23

TITULO: TITLE:

OFFSITES ALBA
UNDERGROUND SYSTEMS. LOGISTIC PLATFORM, PP AND PEL GENERAL ARRANGEMENT SEGMENT Aa, Ab and Ac

AREA/ANEXO: AREA/ANNEX:	CLASIF.: CLASSIF.:	CÓDIGO Nº: DRAWING NUMBER:	Hoja 2 Sheet 2	REV.:
00	S	00-000-8-05-01500		2

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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

REFERENCE DRAWINGS

PLANO Nº DRAWING NUMBER	HOJA SHEET	TITULO TITLE
00-000-0-01-00001	1	SITE PLOT PLAN
00-000-8-05-01501	1	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	2	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	3	OIL DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	4	OIL 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 & 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	8	UNDERGROUND SYSTEM. AVENUE 8 & AVENUE 11
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 PLOT PLAN GENERAL TOPOGRAPHIC SURVEY STATIONS DATUM MILITAR COORDINATES
00-000-0-04-00100	1	GENERAL SEWER SYSTEMS
00-000-0-04-00100	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 WGS 1984
MERCATOR TRANSVERSE PROJECTION SYSTEM GEOIDE
GEOTOB-WGS84-MILITARY COORDINATES

ELEVATIONS REFERRED TO SEA LEVEL AT MAREGRAFO DE CASCAIS.

2 REFERENCE ELEVATION USED ACCORDING BASE: FREEP06. 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-IS03

6.- PIPE PROTECTION. FOR DETAIL SEE DRAWING: 00-000-8-05-01501 FL04

LEGEND

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

SYMBOLOGY

- SW — CLEAN RAINWATER HDPE CORRUGATED SN8 (EN-13476) WILL BE USED UP TO DN1000. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE CLASS 135 (EN-1916)
- SD — SANITARY DRAINAGE SYSTEM IN CORRUGETED PVC SN-8 (EN-13476)
- RW — RAW WATER HDPE 4"
- DW — DRINKING WATER HDPE 4" (2)
- FW — FIRE WATER HDPE (PEB69)
- EXISTING PIPE
- TYPE SW MANHOLE
- PRECAST CONCRETE SYPHONIC SCUPPER
- TYPE OCW MANHOLE
- TYPE SD MANHOLE
- BOTTOM PIPE ELEVATION
- ELECTRICAL TRENCH
- ELECTRICAL TRENCH UNDER STREET/PIPE BANK
- FOUNDATION FOR STREET LIGHTING FIXTURE
- MANHOLE ELECTRICITY

KEY PLAN

REV. REV.	PROYECTO PROJECT	DESCRIPCIÓN DESCRIPTION	FECHA DATE	REALIZ. PREP.	COMPR. CHCK.	APROB. APPROV.	V°B° CLIENTE CLIENT APPROV.
2	4001008	MODIFICATED WHERE INDICATED (2)	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.

REPSOL

NEGOCIO: BUSINESS: REPSOL POLÍMEROS, S.A.
CENTRO: FACILITY: COMPLEJO INDUSTRIAL SINES

ayesa

Nº PROYECTO INGENIERÍA ENG. COMPANY PROJECT CODE: 9576

Nº PROYECTO REPSOL PROJECT CODE: 4001008

ESCALA: SCALE: 1:150 — TAMAÑO: SIZE: DIN-A0

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 APPROVE P.L.Z. 03/03/23

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

AREA/ANEXO: AREA/ANNEX: 00 — CLASIF.: CLASSIF.: S — PLANO Nº: DRAWING NUMBER: 00-000-8-05-01500 — Hoja Sheet 3 — REV.: 2

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Ponto	Coordenadas	
	X	Y
52	139601.815	113513.886
51	139601.829	113502.826
SWe2	139601.838	113495.397
50	139601.798	113487.127
49	139601.747	113477.305
48	139601.695	113467.276
SWe3	139601.635	113455.299
47	139601.652	113448.140
46	139601.676	113438.180
45	139601.710	113424.854

Ponto	Coordenadas	
	X	Y
SWe4	139601.732	113415.382
44	139601.709	113407.449
43	139601.676	113397.098
SWe5	139601.656	113390.266
42	139601.659	113383.196
41	139601.664	113372.201
SWe6	139601.667	113363.828
40	139601.691	113353.024
39	139601.719	113341.413
38	139601.746	113329.724

REFERENCE DRAWINGS

PLANO Nº DRAWING NUMBER	HOJA SHEET	TITULO TITLE
00-000-0-01-00001	1	SITE PLOT PLAN
00-000-8-05-01501	1	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	2	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	3	OIL DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	4	OIL 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	8	UNDERGROUND SYSTEM. AVENUE 8 & AVENUE 11
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 PLOT PLAN GENERAL TOPOGRAPHIC SURVEY STATIONS DATUM MILITAR COORDINATES
00-000-0-04-00100	1	GENERAL SEWER SYSTEMS
00-000-0-04-00100	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 WGS 1984
MERCATOR TRANSVERSE PROJECTION SYSTEM GEOIDE
GEOTOB-WGS84-MILITARY COORDINATES

ELEVATIONS REFERRED TO SEA LEVEL AT MAREGRAFO DE CASCAIS.
REFERENCE ELEVATION USED ACCORDING BASE: FREEP06. 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

LEGEND

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

SYMBOLOGY

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 CORRUGETED 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

REV. REV.	PROYECTO PROJECT	DESCRIPCIÓN DESCRIPTION	FECHA DATE	REALIZ. PREP.	COMPR. CHCK.	APROB. APPROV.	Nº CLIENTE CLIENT APPROVAL
1	4001008	MODIFICATED WHERE INDICATED	20/07/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.

REPSOL

NEGOCIO: BUSINESS: REPSOL POLÍMEROS, S.A.
CENTRO: FACILITY: COMPLEJO INDUSTRIAL SINES

ayesa

Nº PROYECTO REPSOL: REPSOL PROJECT CODE: 4001008
Nº PROYECTO INGENIERÍA: ENG. COMPANY PROJECT CODE: 9576
ESCALA: SCALE: 1:150
TAMAÑO: SIZE: DIN-A0

REALIZADO PREPARED	C.B.A.	10/05/23
COMPROB. CHECKED	H.B.S.	10/05/23
APROBADO APPROVED	G.R.C.	10/05/23
VºBº CLIENTE CLIENT APPROVAL	P.L.Z.	10/05/23

TÍTULO: TITLE:
OFFSITES ALBA
UNDERGROUND SYSTEMS. LOGISTIC PLATFORM, PP AND PEL GENERAL ARRANGEMENT SEGMENT Af and Ag

AREA/ANEXO: AREA/ANNEX: 00
CLASE: CLASS: S
PLANO Nº DRAWING NUMBER: 00-000-8-05-01500
Hoja 4 Sheet 4
REV.: 1

3 -- 00-000-8-05-01500 FL04-OFFSITES ALBA-UNDERGROUND SYSTEMS-LOGISTIC PLATFORM_PP AND PEL GENERAL ARRANGEMENT SEGMENT Af and Ag.DWG

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Ponto	Coordenadas	
	X	Y
SWw6	139298.446	113289.077
79	139298.276	113297.061
SWw7	139298.124	113305.645
78	139306.706	113305.472
SW5	139313.207	113305.389
92	139325.433	113304.984
93	139349.994	113304.095
SW6	139366.327	113303.544
16	139423.293	113308.409
15	139413.462	113308.731
SWs10	139405.004	113308.992
14	139393.467	113307.376
13	139379.214	113305.288
SW6	139366.327	113303.544
12	139366.403	113290.623
11	139366.500	113275.217
10	139366.595	113260.045
SW7	139366.677	113244.725
9	139366.792	113237.084
8	139366.964	113227.766
SW8	139367.125	113220.494
7	139359.342	113220.172
6	139350.708	113219.819
SW9	139343.141	113219.526
5	139343.176	113211.919
SW23	139297.092	113308.799
90	139306.248	113308.612
91	139321.212	113308.565
SW24	139329.664	113308.638
110	139315.496	113318.458
SD4A	139315.447	113310.286
109	139315.603	113304.182
SD5	139315.639	113302.288
108	139321.522	113302.472
SD6	139327.771	113302.668
94	139300.578	113301.216
95	139314.374	113301.222
OCW26	139323.736	113301.282
OCW27	139368.393	113214.719
101	139364.218	113217.250
102	139357.949	113221.582
OCW8	139353.894	113223.040
OCW7	139354.250	113287.782
96	139353.988	113274.610
97	139353.592	113255.780
SW25	139353.392	113244.440
98	139353.512	113238.868
99	139353.781	113228.549
OCW8	139353.894	113223.040
100	139347.233	113222.308
OCW9	139340.773	113222.064
103	139340.742	113213.994
OCW5	139410.628	113298.693
126	139410.497	113293.324
OCW6	139409.877	113287.488
125	139390.298	113287.589
124	139370.158	113287.699

REFERENCE DRAWINGS

DRAWING NUMBER	SHEET	TITLE
00-000-0-01-00001	1	SITE PLOT PLAN
00-000-8-05-01501	1	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	2	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	3	OIL DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	4	OIL 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	2/3/4/6	UNDERGROUND SYSTEM. LOGISTIC PLATFORM. PP AND PEL
00-000-8-05-01500	7 & 9	UNDERGROUND SYSTEM. AVENUE 8
00-000-8-05-01500	8	UNDERGROUND SYSTEM. AVENUE 8 & AVENUE 11
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 PLOT PLAN GENERAL TOPOGRAPHIC SURVEY STATIONS DATUM MILITAR COORDINATES
00-000-0-04-00100	1	GENERAL SEWER SYSTEMS
00-000-0-04-00100	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 WGS 1984
MERCATOR TRANSVERSE PROJECTION SYSTEM GEOIDE
GEOTOS–WGS84–MILITARY COORDINATES

ELEVATIONS REFERRED TO SEA LEVEL AT MAREGRAFO DE CASCAIS.

REFERENCE ELEVATION USED ACCORDING BASE: FREEP06. 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.– LOCATION OF EXISTING MANHOLES HAVE BEEN ADJUSTED ACCORDING WITH TOPOGRAPHICAL SURVEY

6.– COORDINATES ON BATTERY LIMIT ACCORDING DRW: 45–S–45–000–8–05–78005–IS03

7.– PIPE PROTECTION. FOR DETAIL SEE DRAWING: 00–000–8–05–01501 FL04

8.– FINAL ROUTING FOR 30KV ELECTRICAL TRENCH AND FO TRENCH (BY IDOM) IN THIS AREA SHALL BE AJUSTED ON SITE TO AVOID INTERFERENCES WITH EXISTING ELEMENTS, PIPE RACK FOUNDATION AND UNDERGROUND FACILITIES TO CONTRACTORS AREA.

9.– FOR PIPE INFORMATION SEE DRAWING 44–000–8–05–00022 FL01

LEGEND

EL.	ELEVATION	01	EXISTING OILY MANHOLE
ID	INTERNAL DIAMETER	CC1	EXISTING CHEMICAL MANHOLE
DN	NOMINAL DIAMETER	S1	EXISTING SANITARY MANHOLE
BM	BOTTOM OF MANHOLE	P1	EXISTING RAINWATER MANHOLE
WP	WORKING POINT		

SYMBOLOGY

- SW — CLEAN RAINWATER HDPE CORRUGATED SN8 (EN–13476) WILL BE USED UP TO DN1000. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE CLASS 135 (EN–1916)
- OCW — OIL DRAINAGE SYSTEM CARBON STEEL WILL BE USED UP TO DN900. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE CLASS 135 (EN–1916) WITH HYDROCARBON COMPATIBLE GASKET. CARBON STEEL PIPE WILL BE TYPE B4 AS REQUIRED PE–L–201.04 SHALL HAVE A DOUBLE TAPED OUTER COATING AS REQUIRED BY ED–N–03.00. NOMINAL CORROSION TOLERANCE CONSIDERED FOR CARBON STEEL DRAINAGE PIPES IS 6 mm.
- SD — SANITARY DRAINAGE SYSTEM IN CORRUGETED PVC SN–8 (EN–13476)
- RW — RAW WATER HDPE 4"
- DW — DRINKING WATER HDPE 4"
- FW — FIRE WATER HDPE (PEB69)
- EXISTING PIPE
- TYPE SW MANHOLE
- PRECAST CONCRETE SYPHONIC SCUPPER
- TYPE OCW MANHOLE
- TYPE SD MANHOLE
- BOTTOM PIPE ELEVATION
- ELECTRICAL TRENCH
- ELECTRICAL TRENCH UNDER STREET/PIPE BANK
- FOUNDATION FOR STREET LIGHTING FIXTURE
- VENT ANCHOR BASE
- PIPE PROTECTION

KEY PLAN

REV. REV.	PROYECTO PROJECT	DESCRIPCIÓN DESCRIPTION	FECHA DATE	REALIZ. PREP.	COMPR. CHCK.	APROB. APPROV.	VºBº CLIENT CLIENT APPROVAL
7	4001008	MODIFICATED WHERE INDICATED	20/11/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
6	4001008	MODIFICATED WHERE INDICATED	04/10/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
5	4001008	MODIFICATED WHERE INDICATED	29/09/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
4	4001008	MODIFICATED WHERE INDICATED	06/09/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
3	4001008	MODIFICATED WHERE INDICATED	20/07/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
2	4001008	MODIFICATED WHERE INDICATED	26/05/23	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.

REPSOL — NEGOCIO: BUSINESS: REPSOL POLÍMEROS, S.A. — CENTRO: FACILITY: COMPLEJO INDUSTRIAL SINES

ayesa

Nº PROYECTO REPSOL PROJECT CODE: 4001008	REALIZADO PREPARED	C.B.A.	03/03/23
	COMPROB. CHECKED	H.B.S.	03/03/23
	APROBADO APPROVED	G.R.C.	03/03/23
	VºBº CLIENTE CLIENT APPROVAL	P.L.Z.	03/03/23

Nº EXPEDIENTE INGENIERIA ENG. COMPANY PROJECT CODE: 9576 — ESCALA: SCALE: 1:150 — TAMAÑO: SIZE: DIN–A0

TITULO: TITLE:
OFFSITES ALBA
UNDERGROUND SYSTEMS. LOGISTIC PLATFORM, PP AND PEL GENERAL ARRANGEMENT SEGMENT Ah

AREA/ANEXO: AREA/ANNEX:	CLASIF.: CLASSIF.:	PLANO Nº: DRAWING NUMBER:	REV.:
00	S	00–000–8–05–01500 Hoja: S. Sheet: S.	7

4 – 00–000–8–05–01500 FL05–UNDERGROUND SYSTEMS. LOGISTIC PLATFORM, PP AND PEL GENERAL ARRANGEMENT SEGMENT Ah.DWG

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SEGMENT Ai

Ponto	Coordenadas	
	X	Y
SWe7	139601.764	113321.663
36	139601.255	113313.158
37	139601.590	113318.419
SWe8	139600.991	113308.507
35	139596.114	113308.481
34	139588.680	113308.437
SWs1	139583.518	113308.410
33	139579.354	113308.376
32	139572.565	113308.312
SWs2	139567.407	113308.268
31	139561.721	113308.248
30	139554.200	113308.220
29	139545.346	113308.187
SWs3	139538.339	113308.162
28	139532.573	113308.208
27	139525.268	113308.273
SWs4	139519.261	113308.321
26	139513.611	113308.276
25	139505.876	113308.207
SWs5	139499.915	113308.159
24	139495.681	113308.193
23	139488.806	113308.256
SWs6	139483.195	113308.303
22	139477.573	113308.391
21	139471.472	113308.495
SWs7	139465.749	113308.585
20	139460.577	113308.534
19	139453.361	113308.454
SWs8	139446.946	113308.389
18	139441.554	113308.337
17	139435.194	113308.270
SWs9	139429.640	113308.217

SEGMENT Aj

REFERENCE DRAWINGS

PLANO Nº DRAWING NUMBER	HOJA SHEET	TITULO TITLE
00-000-0-01-00001	1	SITE PLOT PLAN
00-000-8-05-01501	1	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	2	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	3	OIL DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	4	OIL 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	2/3/4/5	UNDERGROUND SYSTEM. LOGISTIC PLATFORM. PP AND PEL
00-000-8-05-01500	7 & 9	UNDERGROUND SYSTEM. AVENUE 8
00-000-8-05-01500	8	UNDERGROUND SYSTEM. AVENUE 8 & AVENUE 11
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 PLOT PLAN GENERAL TOPOGRAPHIC SURVEY STATIONS DATUM MILITAR COORDINATES
00-000-0-04-00100	1	GENERAL SEWER SYSTEMS
00-000-0-04-00100	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 WGS 1984
MERCATOR TRANSVERSE PROJECTION SYSTEM GEOIDE
GEOTOB-WGS84-MILITARY COORDINATES

ELEVATIONS REFERRED TO SEA LEVEL AT MAREGRAFO DE CASCAIS.

REFERENCE ELEVATION USED ACCORDING BASE: FREEP06. 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-IS03

LEGEND

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

SYMBOLOGY

SW — CLEAN RAINWATER HDPE CORRUGATED SN8 (EN-13476) WILL BE USED UP TO DN1000. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE.

OCW — OIL DRAINAGE SYSTEM CARBON STEEL WILL BE USED UP TO DN900. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE CLASS 135 (EN-1916) WITH HYDROCARBON COMPATIBLE GASKET. CARBON STEEL PIPE WILL BE TYPE B4 AS REQUIRED PE-L-201.04 SHALL HAVE A DOUBLE TAPED OUTER COATING AS REQUIRED BY ED-N-03.00. NOMINAL CORROSION TOLERANCE CONSIDERED FOR CARBON STEEL DRAINAGE PIPES IS 6 mm.

SD — SANITARY DRAINAGE SYSTEM IN CORRUGETED PVC SN-8 (EN-13476)

FW — FIRE WATER HDPE (PEB89)

EXISTING PIPE

TYPE SW MANHOLE

PRECAST CONCRETE SYPHONIC SCUPPER

TYPE OCW MANHOLE

TYPE SD MANHOLE

BOTTOM PIPE ELEVATION

ELECTRICAL TRENCH

ELECTRICAL TRENCH UNDER STREET/PIPE BANK

FOUNDATION FOR STREET LIGHTING FIXTURE

VENT ANCHOR BASE

KEY PLAN

REV. REV.	PROYECTO PROJECT	DESCRIPCION DESCRIPTION	FECHA DATE	REALIZ. PREPA.	COMPR. CHCK.	APROB. APPROV.	VºBº CLIENTE CLIENT APPROVAL
3	4001008	MODIFICATED WHERE INDICATED 3	04/10/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
2	4001008	MODIFICATED WHERE INDICATED 2	20/07/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
1	4001008	MODIFICATED WHERE INDICATED 1	26/05/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.

REPSOL — NEGOCIO: BUSINESS: REPSOL POLIMEROS, S.A. — CENTRO: FACILITY: COMPLEJO INDUSTRIAL SINES

ayesa — Nº PROYECTO INGENIERIA ENG. COMPANY PROJECT CODE: 9576 — Nº PROYECTO REPSOL: REPSOL PROJECT CODE: 4001008 — ESCALA: SCALE: 1:150 — TAMAÑO: SIZE: DIN-A0

REALIZADO PREPARED	C.B.A.	10/05/23
COMPROB. CHECKED	H.B.S.	10/05/23
APROBADO APPROVED	G.R.C.	10/05/23
VºBº CLIENTE CLIENT APPROVAL	P.L.Z.	10/05/23

TITULO: TITLE:
OFFSITES ALBA
UNDERGROUND SYSTEMS. LOGISTIC PLATFORM, PP AND PEL GENERAL ARRANGEMENT SEGMENT Ai and Aj

AREA/ANEXO: AREA/ANNEX: 00 — CLASIF.: CLASSIF.: S — PLANO Nº: DRAWING NUMBER: 00-000-8-05-01500 — Hoja: Sheet 6 — REV.: 3

5 - 00-000-8-05-01500 FL06-OFFSITES ALBA-UNDERGROUND SYSTEMS-LOGISTIC PLATFORM PP AND PEL GENERAL ARRANGEMENT SEGMENT Ai AND Aj.DWG

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REFERENCE DRAWINGS

PLANO Nº DRAWING NUMBER	HOJA SHEET	TITULO TITLE
00-000-0-01-00001	1	SITE PLOT PLAN
00-000-8-05-01501	1	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	2	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	3	OIL DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	4	OIL 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 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	8	UNDERGROUND SYSTEM. AVENUE 8 & AVENUE 11
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 PLOT PLAN GENERAL TOPOGRAPHIC SURVEY STATIONS DATUM MILITAR COORDINATES
00-000-0-04-00100	1	GENERAL SEWER SYSTEMS
00-000-0-04-00100	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 WGS 1984
MERCATOR TRANSVERSE PROJECTION SYSTEM GEOIDE
GEOTOB-WGS84-MILITARY COORDINATES

ELEVATIONS REFERRED TO SEA LEVEL AT MAREGRAFO DE CASCAIS.

REFERENCE ELEVATION USED ACCORDING BASE: FREEP06. 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.- REMOVE EXISTING PIPE WHILE INSTALLING OIL DRAINAGE PIPE AND REPLACE WITH THE INDICATED PIPE PLACING IT INTO THE EXISTING MANHOLE AND SCUPPER.

6.- TRENCH FOR LIGHTING SYSTEM. EXISTING LUMINAIRE TO BE RELOCATED IN SIMILAR POSITION. SEE DRAWINGS: 08-000-7-05-00001 AND 08-000-7-05-00002.

7.- CONNECT WITH EXISTING TRENCH FOR LIGHTING SYSTEM.

LEGEND

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

SYMBOLOGY

SW — CLEAN RAINWATER HDPE CORRUGATED SN8 (EN-13476) WILL BE USED UP TO DN1000. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE CLASS 135 (EN-1916)

OCW — OIL DRAINAGE SYSTEM CARBON STEEL WILL BE USED UP TO DN900. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE CLASS 135 (EN-1916) WITH HYDROCARBON COMPATIBLE GASKET. CARBON STEEL PIPE WILL BE TYPE B4 AS REQUIRED PE-L-201.04 SHALL HAVE A DOUBLE TAPED OUTER COATING AS REQUIRED BY ED-N-03.00. NOMINAL CORROSION TOLERANCE CONSIDERED FOR CARBON STEEL DRAINAGE PIPES IS 6 mm.

EXISTING PIPE

TYPE SW MANHOLE

TYPE OCW MANHOLE

BOTTOM PIPE ELEVATION

VENT ANCHOR BASE

KEY PLAN

COORDINATES

Ponto	Coordenadas X	Coordenadas Y
4	139343.194	113200.762
SW9B	139343.115	113192.197
3	139343.194	113181.517
2	139343.169	113162.114
1	139343.138	113137.106
SW10	139343.115	113117.995
104	139340.673	113196.054
105	139340.594	113175.359
106	139340.513	113154.131
107	139340.427	113131.715
OCW10	139340.383	113121.486

REV. REV.	PROYECTO PROJECT	DESCRIPCIÓN DESCRIPTION	FECHA DATE	REALIZ. PREP.	COMPR. CHCK.	APROB. APPROV.	VºBº CLIENTE CLIENT APPROVAL
4	4001008	GENERAL MODIFICATION	29/09/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
3	4001008	MODIFICATED WHERE INDICATED △3	20/07/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
2	4001008	MODIFICATED WHERE INDICATED △2	26/05/23	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.

REPSOL

NEGOCIO: BUSINESS: REPSOL POLÍMEROS, S.A.

CENTRO: FACILITY: COMPLEJO INDUSTRIAL SINES

ayesa

Nº PROYECTO REPSOL: REPSOL PROJECT CODE: 4001008		REALIZADO PREPARED	C.B.A. 03/03/23
		COMPROB. CHECKED	H.B.S. 03/03/23
Nº PROYECTO INGENIERIA: ENG. COMPANY PROJECT CODE: 9576	ESCALA: SCALE: 1:150	APROBADO APPROVED	G.R.C. 03/03/23
	TAMAÑO: SIZE: DIN-A0	VºBº CLIENTE CLIENT APPROVAL	P.L.Z. 03/03/23

TITULO: TITLE:

OFFSITES ALBA
UNDERGROUND SYSTEMS. LOGISTIC PLATFORM, PP AND PEL
GENERAL ARRANGEMENT
SEGMENT 1, 2, 3, 4 and 5

AREA/ANEXO: AREA/ANNEX:	CLASIF.: CLASS.:	PLANO Nº: DRAWING NUMBER:		REV.:
00	S	00-000-8-05-01500	Hoja: Sheet:	4

6 - 00-000-8-05-01500 FL07-OFFSITES ALBA-UNDERGROUND SYSTEMS-LOGISTIC PLATFORM PP AND PEL GENERAL ARRANGEMENT SEGMENT 1-2-3-4 AND 5.DWG

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Ponto	Coordenadas	
	X	Y
OCW25	139289.137	113301.248
SWw1	139058.187	113289.154
89	139075.298	113289.172
88	139095.527	113289.193
SWw2	139108.268	113289.207
87	139125.396	113289.248
86	139144.519	113289.295
SWw3	139158.047	113289.328
85	139173.620	113289.334
84	139197.718	113289.344
SWw4	139208.252	113289.348
83	139226.149	113289.333
82	139249.805	113289.314
SWw5	139258.039	113289.307
81	139273.935	113289.222
80	139288.857	113289.140

REFERENCE DRAWINGS

DRAWING NUMBER	SHEET	TITLE
00-000-0-01-00001	1	SITE PLOT PLAN
00-000-8-05-01501	1	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	2	RAINWATER DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	3	OIL DRAINAGE SYSTEM DETAILS
00-000-8-05-01501	4	OIL 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 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	8	UNDERGROUND SYSTEM. AVENUE 8 & AVENUE 11
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 PLOT PLAN GENERAL TOPOGRAPHIC SURVEY STATIONS DATUM MILITAR COORDINATES
00-000-0-04-00100	1	GENERAL SEWER SYSTEMS
00-000-0-04-00100	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 WGS 1984
MERCATOR TRANSVERSE PROJECTION SYSTEM GEOIDE
GEOTOB-WGS84-MILITARY COORDINATES

ELEVATIONS REFERRED TO SEA LEVEL AT MAREGRAFO DE CASCAIS.

REFERENCE ELEVATION USED ACCORDING BASE: FREEPO6. 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.- REMOVE EXISTING PIPE WHILE OIL DRAINAGE PIPE IS INSTALLED AND REPLACE WITH THE INDICATED PIPE PLACING IT INTO THE EXISTING MANHOLE AND SCUPPER.

6.- PIPE PROTECTION. FOR DETAIL SEE DRAWING: 00-000-8-05-01501 FL04

LEGEND

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

SYMBOLOGY

SW — CLEAN RAINWATER HDPE CORRUGATED SN8 (EN-13476) WILL BE USED UP TO DN1000. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE CLASS 135 (EN-1916)

OCW — OIL DRAINAGE SYSTEM CARBON STEEL WILL BE USED UP TO DN900. FOR HIGHER DIAMETERS WILL BE USED REINFORCED CONCRETE CLASS 135 (EN-1916) WITH HYDROCARBON COMPATIBLE GASKET. CARBON STEEL PIPE WILL BE TYPE B4 AS REQUIRED PE-L-201.04 SHALL HAVE A DOUBLE TAPED OUTER COATING AS REQUIRED BY ED-N-03.00. NOMINAL CORROSION TOLERANCE CONSIDERED FOR CARBON STEEL DRAINAGE PIPES IS 6 mm.

FW — FIRE WATER HDPE (PEB69)

EXISTING PIPE

TYPE SW MANHOLE

TYPE OCW MANHOLE

TYPE FW MANHOLE

BOTTOM PIPE ELEVATION

PIPE PROTECTION 3

KEY PLAN

REV. REV.	PROYECTO PROJECT	DESCRIPCIÓN DESCRIPTION	FECHA DATE	REALIZ. PREP.	COMPR. CHCK.	APROB. APPROV.	VºBº CLIENT CLIENT APPROV.
3	4001008	MODIFICATED WHERE INDICATED 3	06/09/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
2	4001008	MODIFICATED WHERE INDICATED 2	20/07/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.
1	4001008	MODIFICATED WHERE INDICATED 1	26/05/23	C.B.A.	H.B.S.	G.R.C.	P.L.Z.

REPSOL

NEGOCIO: BUSINESS: REPSOL POLÍMEROS, S.A.
CENTRO: FACILITY: COMPLEJO INDUSTRIAL SINES

ayesa

Nº PROYECTO REPSOL REPSOL PROJECT CODE: 4001008
Nº PROYECTO INGENIERÍA ENG. COMPANY PROJECT CODE: 9576
ESCALA: SCALE: 1:150
TAMAÑO: SIZE: DIN-A0
REALIZADO PREPARED C.B.A. 10/05/23
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