

Câmara de visita / Manhole (-) (1)	M (m) (2)	P (m) (3)	Tubo / Pipe_1 (-) (4)	Tubo / Pipe_2 (-) (5)	Tubo / Pipe_3 (-) (6)	Tubo / Pipe_4 (-) (7)	CS1 / IL1 (m) (8)	CS2 / IL2 (m) (9)	CS3 / IL3 (m) (10)	CS4 / IL4 (m) (11)	CT / GL (m) (12)	H (m) (13)	H1 (m) (14)	Tipo cobertura / Coverage type (-) (15)	Classe tampa / Cover class (-) (16)
DWW1_01	-58 140.83	-186 063.65	PVC DN200	PVC DN200	-	-	45.51	45.51	-	-	47.00	1.49	0.00	1	C250
DWW1_02	-58 160.96	-186 065.67	PVC DN200	PVC DN200	-	-	45.37	45.37	-	-	47.00	1.63	0.00	2	C250
DWW1_03	-58 207.02	-186 064.69	PVC DN200	PVC DN200	-	-	45.05	45.05	-	-	47.00	1.95	0.00	2	D400
DWW1_04	-58 253.08	-186 063.71	PVC DN200	PVC DN200	PVC DN200	-	44.72	44.72	45.48	-	47.00	2.28	0.76	2	D400
DWW1_05	-58 298.51	-186 062.65	PVC DN200	PVC DN200	-	-	44.50	44.50	-	-	47.00	2.50	0.00	2	D400
DWW1_06	-58 343.94	-186 061.59	PVC DN315	PVC DN200	PVC DN200	-	44.22	44.27	44.22	-	46.00	1.78	0.05	2	D400
DWW1_07	-58 390.43	-186 060.51	PVC DN315	PVC DN315	-	-	44.08	44.08	-	-	46.00	1.92	0.00	2	D400
DWW1_08	-58 448.29	-186 066.33	PVC DN315	PVC DN315	-	-	43.90	43.90	-	-	46.00	2.10	0.00	2	D400
DWW1_09	-58 501.10	-186 071.63	PVC DN315	PVC DN315	-	-	43.74	43.74	-	-	46.00	2.26	0.00	2	D400
DWW1_10	-58 550.51	-186 076.59	PVC DN315	PVC DN315	-	-	43.59	43.59	-	-	46.00	2.41	0.00	2	D400
DWW1_11	-58 604.54	-186 082.02	PVC DN315	PVC DN315	-	-	43.43	43.43	-	-	46.00	2.57	0.00	2	D400
DWW1_12	-58 655.17	-186 087.11	PVC DN315	PVC DN315	-	-	43.28	43.28	-	-	46.00	2.72	0.00	2	C250
DWW1_13	-58 705.80	-186 092.20	PVC DN315	PVC DN315	-	-	43.13	43.13	-	-	46.00	2.87	0.00	2	C250
DWW1_14	-58 756.42	-186 097.29	PVC DN315	PVC DN315	-	-	42.97	42.97	-	-	46.00	3.03	0.00	2	C250
DWW1_15	-58 807.05	-186 102.38	PVC DN315	PVC DN315	-	-	42.82	42.82	-	-	46.00	3.18	0.00	2	C250
DWW1_16	-58 844.20	-186 106.11	PVC DN315	PVC DN315	PVC DN200	PVC DN200	42.71	42.71	44.29	44.39	46.00	3.29	1.68	2	E600
DWW1_17	-58 838.77	-186 160.12	PVC DN315	PVC DN315	-	-	42.55	42.55	-	-	46.00	3.45	0.00	2	E600
DWW1_18	-58 832.73	-186 220.16	PVC DN315	PVC DN315	-	-	42.37	42.37	-	-	46.00	3.63	0.00	2	E600
DWW1_19	-58 829.05	-186 256.89	PVC DN315	PVC DN315	-	-	42.25	42.25	-	-	46.00	3.75	0.00	2	E600
DWW1_20	-58 823.79	-186 309.15	PVC DN315	PVC DN315	-	-	42.10	42.10	-	-	46.00	3.90	0.00	2	C250
DWW1_21	-58 820.55	-186 341.42	PVC DN400	PVC DN315	PVC DN400	-	42.00	42.00	42.74	-	46.00	4.00	0.74	2	E600
DWW1_22	-58 828.24	-186 374.11	PVC DN400	PVC DN400	-	-	41.90	41.90	-	-	46.00	4.10	0.00	2	C250
DWW1_23	-58 842.29	-186 375.53	PVC DN400	PVC DN400	-	-	41.86	41.86	-	-	46.00	4.14	0.00	2	C250
DWW1_24	-58 875.87	-186 378.90	PVC DN400	PVC DN400	PVC DN200	-	41.76	41.76	44.34	-	46.00	4.24	2.59	2	C250
DWW1_25	-58 874.00	-186 397.16	PVC DN400	PVC DN400	-	-	41.70	41.70	-	-	46.00	4.30	0.00	2	C250
DWW1a_01	-58 246.54	-186 128.71	PVC DN200	PVC DN200	-	-	45.81	45.81	-	-	47.00	1.19	0.00	1	C250
DWW1a_02	-58 250.31	-186 091.23	PVC DN200	PVC DN200	-	-	45.62	45.62	-	-	47.00	1.38	0.00	1	D400
DWW1b_01	-58 334.19	-186 158.68	PVC DN200	PVC DN200	-	-	44.51	44.51	-	-	46.00	1.49	0.00	1	C250
DWW1b_02	-58 339.06	-186 110.14	PVC DN200	PVC DN200	-	-	44.36	44.36	-	-	46.00	1.64	0.00	2	C250
DWW1c_01	-58 841.31	-186 084.54	PVC DN200	PVC DN200	-	-	44.51	44.51	-	-	46.00	1.49	0.00	1	C250
DWW1d_01	-58 867.78	-186 098.43	PVC DN200	PVC DN200	-	-	44.51	44.51	-	-	46.00	1.49	0.00	1	C250
DWW1e_01	-58 289.95	-186 255.81	PVC DN200	PVC DN200	-	-	44.51	44.51	-	-	46.00	1.49	0.00	1	C250
DWW1e_02	-58 286.74	-186 287.78	PVC DN400	PVC DN200	PVC DN200	-	44.35	44.35	44.38	-	46.00	1.65	0.03	2	C250
DWW1e_03	-58 336.50	-186 292.78	PVC DN400	PVC DN400	-	-	44.20	44.20	-	-	46.00	1.80	0.00	2	C250
DWW1e_04	-58 384.74	-186 297.63	PVC DN400	PVC DN400	-	-	44.05	44.05	-	-	46.00	1.95	0.00	2	C250
DWW1e_05	-58 426.06	-186 301.78	PVC DN400	PVC DN400	-	-	43.93	43.93	-	-	46.00	2.07	0.00	2	C250
DWW1e_06	-58 466.39	-186 305.83	PVC DN400	PVC DN400	-	-	43.81	43.81	-	-	46.00	2.19	0.00	2	C250
DWW1e_07	-58 509.22	-186 310.14	PVC DN400	PVC DN400	-	-	43.68	43.68	-	-	46.00	2.32	0.00	2	C250
DWW1e_08	-58 549.03	-186 314.14	PVC DN400	PVC DN400	-	-	43.56	43.56	-	-	46.00	2.44	0.00	2	C250
DWW1e_09	-58 610.27	-186 320.29	PVC DN400	PVC DN400	-	-	43.37	43.37	-	-	46.00	2.63	0.00	2	C250
DWW1e_10	-58 669.49	-186 326.24	PVC DN400	PVC DN400	-	-	43.20	43.20	-	-	46.00	2.80	0.00	2	C250
DWW1e_11	-58 697.18	-186 329.03	PVC DN400	PVC DN400	-	-	43.11	43.11	-	-	46.00	2.89	0.00	2	C250
DWW1e_12	-58 758.87	-186 335.23	PVC DN400	PVC DN400	-	-	42.93	42.93	-	-	46.00	3.07	0.00	2	E600
DWW1f_01	-58 278.78	-186 286.98	PVC DN400	PEAD DN160	-	-	44.40	44.40	-	-	46.00	1.60	0.00	1	E600
DWW1g_01	-58 886.96	-186 380.01	PVC DN200	PVC DN200	-	-	44.51	44.51	-	-	46.00	1.49	0.00	1	C250

Notas / Notes:

- 4 a 7 Tubos confluentes no mesmo perfil. O Tubo_1 é o tubo de saída mais fundo / *Confluent pipes in the same profile. Pipe_1 is the deepest outlet*
- 8 a 11 Cota de soleira dos tubos / *Invert elevation of pipes*
- 12 Cota da tampa / *Cover elevation*
- 13 H é a diferença entre a cota da tampa e a cota do topo da base em betão / *H is the difference between CT and the elevation of the top of the concrete base*
- 14 H1 é a diferença entre a cota de soleira do tubo de entrada e a cota do topo da base em betão / *H1 is the difference between the invert elevation of the higher inlet pipe and the elevation of the top of the concrete base*
- 15 Tipo de cobertura / *Coverage type:*
 - 1 - Cobertura Plana / *Cover slab*
 - 2 - Cobertura cônica em terreno natural / *Straight back taper for cover adjustment in natural surfaces*
 - 3 - Cobertura cônica em zonas pavimentadas / *Straight back taper for cover adjustment in paved/ road surfaces*
- 16 Nomenclatura da NP EN 124. A classe da tampa poderá ser igual ou superior à indicada / *Nomenclature of NP EN 124. The cover class may be equal or higher than the one indicated*

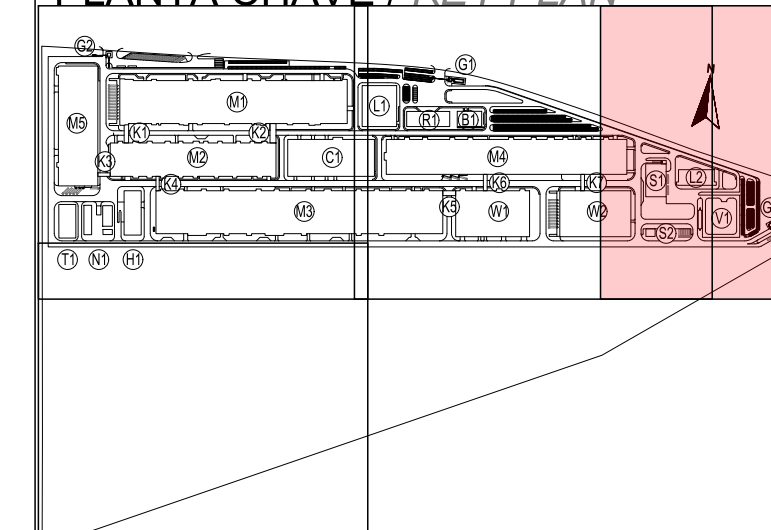
LEGENDA / LEGEND

- Coletor águas residuais domésticas / *Domestic wastewater pipe*
- Conduita elevatória águas residuais domésticas / *Domestic wastewater pipeline*
- Câmara de visita / *Manhole*

NOTAS GERAIS / GENERAL NOTES:

1 - As premissas, pressupostos, descrições, enquadramento legal, limitações da análise e eventuais questões em aberto são identificados no relatório / *Please refer to the design report document for the reference, premises, assumptions, descriptions, legal framework, limitations of analysis or validation and open issues*

PLANTA CHAVE / KEY PLAN



- M1 - PRODUÇÃO ELÉTRICA / *ELECTRIC WORKSHOP*
- M2 - PRODUÇÃO DE CELULAS / *CELL WORKSHOP*
- M3 - FORMAÇÃO / *FORMATION WORKSHOP*
- M4 - ENROLAMENTO / *PROFILING WORKSHOP*
- M5 - PRODUÇÃO DE INVÓLUCROS / *PARTS MANUFACTORY*
- N1 - ESTACIÃO DE BOMBA / *PUMP PUMP STATION*
- H1 - ARMAZÉM DE QUÍMICOS / *CHEMICAL STORAGE*
- R1 - EDIFÍCIO R&D / *R&D BUILDING*
- T1 - ETIQUETA
- B1 - INSTALAÇÕES PARA COLABORADORES / *EMPLOYEE SERVICE CENTER*
- CT - ED. CENTRAL DE UTILIDADES / *CENTRAL UTILITY BUILDING (CUB)*
- S1 - ESTACIÃO DE RESELOS URBANOS / *GARBAGE STATION*
- S2 - ESTACIÃO DE RESELOS URBANOS / *GARBAGE STATION*
- Kx - CORREDORES LOGÍSTICOS / *LOGISTIC CORRIDORS*
- L1 - LABORATÓRIO 1 / *LABORATORY 1*
- L2 - LABORATÓRIO 2 / *LABORATORY 2*
- G1 - PORTARIA 1 / *GUARD HOUSE 1*
- G2 - PORTARIA 2 / *GUARD HOUSE 2*
- G3 - PORTARIA 3 / *GUARD HOUSE 3*
- WT - SUBESTAÇÃO PRINCIPAL / *SUBSTATION*
- W1 - ARMAZÉM DE CELULAS / *CELL WAREHOUSE*
- W2 - ARMAZÉM GERAL / *GENERAL WAREHOUSE*

Rev.	Data	Descrição das alterações	Aprov.

QUADRANTE  **coba** Portugal
Consultores de Engenharia e Ambiente, S.A.

Cliente / *Client*

CALB

PROJETO / *Project*

UNIDADE INDUSTRIAL DE BATERIAS DE LÍCIO

LITHIUM BATTERY GIGAFACTORY PLANT

Fase / *Phase*

PROJETO DE EXECUÇÃO DETAIL DESIGN

Designação / *Designation*

ÁGUAS RESIDUAIS DOMÉSTICAS DOMESTIC WASTEWATER

PLANTA DA REDE ENTERRADA (3/4)

UNDERGROUND PIPING LAYOUT (3/4)

Escala / *Scales* : 1:1000
Data / *Date* : 14-07-2023
Processo / *Process* : T2022-0519-06-EX-WAT-GN-6103-DWG
Ficheiro / *File* : T2022-0519-06-EX-WAT-GN-6103-DWG

Projeto / *Designed* : AFD
Desenho / *Drawn* : HJR
Verificado / *Checked* : PLG
Aprovado / *Approved* : MMM

Desenho Nº / *Drawing no.*

EX-WAT-GN-6103-DWG 00

Revisão / *Rev.*

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