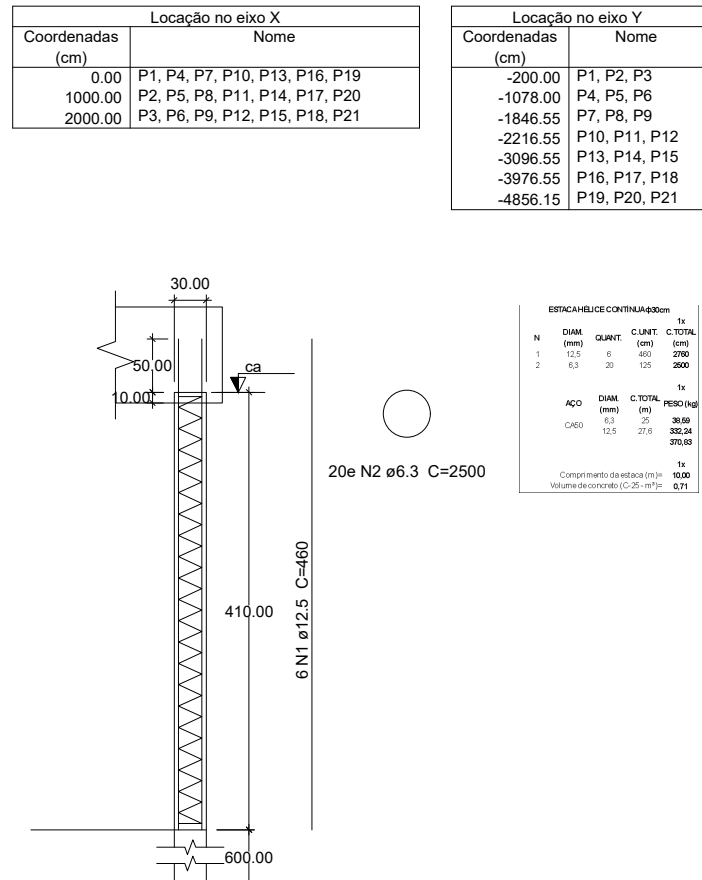
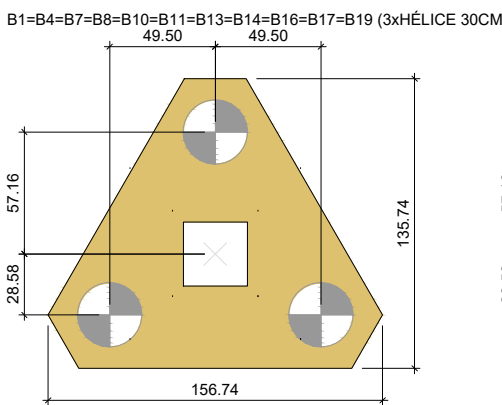


PLANTA DE LOCAÇÃO DAS ESTACAS

Escala 1:50

LOCAÇÃO DAS ESTACAS											
Bloco	Nome	Tipo	Coordenada X (cm)	Coordenada Y (cm)	Carga máx. f (kgf)	Carga mín. f (kgf)	Momento máx. kgf.m	Momento mín. kgf.m	Força horiz. máx. f (kgf)	Força horiz. mín. f (kgf)	CA (cm)
B1	E1-1	HELICE 30CM	28.58	-152.50	8.33	1.89	0.00	0.00	0.57	0.02	-220
	E1-2	HELICE 30CM	-57.16	-300.00	8.47	1.89	0.00	0.00	0.57	0.02	-220
	E1-3	HELICE 30CM	28.58	-249.50	8.37	7.89	0.00	0.00	0.57	0.02	-220
	E2-1	HELICE 30CM	1028.58	-142.84	8.33	1.89	0.00	0.00	0.57	0.02	-220
B2	E2-2	HELICE 30CM	850.50	-228.58	10.19	7.69	0.00	0.00	0.44	0.02	-220
	E2-3	HELICE 30CM	1449.50	-228.58	10.22	7.69	0.00	0.00	0.44	0.02	-220
	E3-1	HELICE 30CM	1971.42	-150.50	9.33	1.89	0.00	0.00	0.57	0.02	-220
	E3-2	HELICE 30CM	2057.16	-200.00	8.43	8.56	0.00	0.00	0.57	0.02	-220
B3	E3-3	HELICE 30CM	1971.42	-149.50	9.33	7.08	0.00	0.00	0.57	0.02	-220
	E4-1	HELICE 30CM	28.58	-1028.58	9.79	8.56	0.00	0.00	0.67	0.02	-220
	E4-2	HELICE 30CM	28.58	-1028.58	8.87	8.56	0.00	0.00	0.67	0.02	-220
	E4-3	HELICE 30CM	-57.16	-1127.50	8.65	8.56	0.00	0.00	0.67	0.02	-220
B4	E5-1	HELICE 30CM	842.84	-1078.00	8.13	1.15	0.00	0.00	0.75	0.00	-220
	E5-2	HELICE 30CM	1028.58	-1127.50	8.01	5.51	0.00	0.00	0.75	0.00	-220
	E5-3	HELICE 30CM	1971.42	-1028.58	8.91	8.61	0.00	0.00	0.64	0.02	-220
	E6-1	HELICE 30CM	2057.16	-1078.00	9.80	5.70	0.00	0.00	0.84	0.02	-220
B5	E6-2	HELICE 30CM	1971.42	-1127.50	8.83	8.56	0.00	0.00	0.64	0.02	-220
	E6-3	HELICE 30CM	28.58	-1197.05	10.67	9.22	0.00	0.00	0.73	0.08	-220
	E7-1	HELICE 30CM	-57.16	-1846.55	9.74	7.11	0.00	0.00	0.73	0.08	-220
	E7-2	HELICE 30CM	28.58	-1896.05	10.70	9.94	0.00	0.00	0.73	0.08	-220
B6	E8-1	HELICE 30CM	1028.58	-1797.05	11.65	9.93	0.00	0.00	0.53	0.07	-220
	E8-2	HELICE 30CM	842.84	-1846.55	12.67	9.54	0.00	0.00	0.53	0.07	-220
	E8-3	HELICE 30CM	1028.58	-1896.05	11.35	9.44	0.00	0.00	0.53	0.07	-220
	E9-1	HELICE 30CM	1971.42	-1797.05	10.24	7.60	0.00	0.00	0.59	0.06	-220
B7	E9-2	HELICE 30CM	2057.16	-1846.55	8.94	7.13	0.00	0.00	0.59	0.06	-220
	E9-3	HELICE 30CM	1971.42	-1896.05	10.10	7.44	0.00	0.00	0.59	0.06	-220
	E10-1	HELICE 30CM	28.58	-2167.05	11.08	8.38	0.00	0.00	0.79	0.11	-220
	E10-2	HELICE 30CM	-57.16	-2216.55	10.25	7.16	0.00	0.00	0.79	0.11	-220
B8	E10-3	HELICE 30CM	28.58	-2266.05	11.14	8.69	0.00	0.00	0.79	0.11	-220
	E11-1	HELICE 30CM	1028.58	-2167.05	11.42	7.18	0.00	0.00	0.88	0.10	-220
	E11-2	HELICE 30CM	842.84	-2216.55	13.16	9.52	0.00	0.00	0.58	0.10	-220
	E11-3	HELICE 30CM	1028.58	-2266.05	11.69	10.26	0.00	0.00	0.58	0.10	-220
B9	E12-1	HELICE 30CM	1971.42	-2167.05	10.39	7.76	0.00	0.00	0.60	0.06	-220
	E12-2	HELICE 30CM	2057.16	-2216.55	9.94	7.41	0.00	0.00	0.60	0.06	-220
	E12-3	HELICE 30CM	1971.42	-2266.05	10.80	8.60	0.00	0.00	0.56	0.06	-220
	E13-1	HELICE 30CM	28.58	-3047.05	9.99	8.25	0.00	0.00	0.78	0.00	-220
B10	E13-2	HELICE 30CM	-57.16	-3096.55	10.14	8.45	0.00	0.00	0.78	0.00	-220
	E13-3	HELICE 30CM	28.58	-3146.05	9.96	8.23	0.00	0.00	0.56	0.03	-220
	E14-1	HELICE 30CM	1028.58	-3047.05	7.28	5.28	0.00	0.00	0.56	0.03	-220
	E14-2	HELICE 30CM	842.84	-3096.55	8.20	4.35	0.00	0.00	0.56	0.03	-220
B11	E14-3	HELICE 30CM	1028.58	-3146.05	7.28	5.28	0.00	0.00	0.56	0.03	-220
	E15-1	HELICE 30CM	1971.42	-3047.05	10.02	8.30	0.00	0.00	0.76	0.01	-220
	E15-2	HELICE 30CM	2057.16	-3096.55	10.11	8.44	0.00	0.00	0.76	0.01	-220
	E15-3	HELICE 30CM	1971.42	-3146.05	10.00	8.28	0.00	0.00	0.76	0.01	-220
B12	E16-1	HELICE 30CM	28.58	-3627.05	10.39	7.76	0.00	0.00	0.60	0.06	-220
	E16-2	HELICE 30CM	-57.16	-3676.55	10.21	8.56	0.00	0.00	0.75	0.01	-220
	E16-3	HELICE 30CM	28.58	-4028.05	10.08	8.45	0.00	0.00	0.75	0.01	-220
	E17-1	HELICE 30CM	1028.58	-3627.05	7.27	5.28	0.00	0.00	0.56	0.03	-220
B13	E17-2	HELICE 30CM	842.84	-3676.55	8.20	4.36	0.00	0.00	0.56	0.03	-220
	E17-3	HELICE 30CM	1028.58	-4028.05	7.27	5.28	0.00	0.00	0.56	0.03	-220
	E18-1	HELICE 30CM	1971.42	-3627.05	10.12	8.30	0.00	0.00	0.76	0.01	-220
	E18-2	HELICE 30CM	2057.16	-3676.55	10.22	8.54	0.00	0.00	0.76	0.01	-220
B14	E18-3	HELICE 30CM	1971.42	-4028.05	10.10	8.44	0.00	0.00	0.76	0.01	-220
	E19-1	HELICE 30CM	28.58	-4806.05	9.33	8.59	0.00	0.00	0.57	0.02	-220
	E19-2	HELICE 30CM	-57.16	-4856.15	9.47	8.51	0.00	0.00	0.57	0.02	-220
	E19-3	HELICE 30CM	28.58	-4806.05	9.28	8.79	0.00	0.00	0.57	0.02	-220
B15	E20-1	HELICE 30CM	850.50	-4827.57	10.29	7.72	0.00	0.00	0.48	0.02	-220
	E20-2	HELICE 30CM	1048.50	-4827.57	10.31	7.76	0.00	0.00	0.46	0.02	-220
	E20-3	HELICE 30CM	1000.00	-4913.31	9.57	8.53	0.00	0.00	0.46	0.02	-220
	E21-1	HELICE 30CM	1971.42	-4806.05	9.35	7.02	0.00	0.00	0.58	0.00	-220
B16	E21-2	HELICE 30CM	2057.16	-4856.15	9.40	6.51	0.00	0.00	0.58	0.02	-220
	E21-3	HELICE 30CM	1971.42	-4905.65	9.31	6.82	0.00	0.00	0.58	0.02	-220



LEGENDA DOS BLOCOS

Escala 1:25

Pilar											
Nome	X (cm)	Y (cm)	Posição	CAP (cm)	Carga Máx. (t)	Carga Mín. (t)	Mx Máximo (kgf.m)	Mx Mínimo (kgf.m)	Fx Máximo (t)	Fx Mínimo (t)	Fy Máximo (t)
P1	0.00	-200.00	A-1	-180	21.9	20.0	300	-200	1000	-1000	1000
P2	1000.00	-200.00	A-2	-180	24.3	22.9	400	-500	800	-800	1.4
P3	2000.00	-200.00	A-3	-180	21.9	20.0	300	-200	900	-1100	1.6
P4	0.00	-1078.00	B-1	-180	23.1	19.5	300	-200	1100	-1300	1.9
P5	1000.00	-1078.00	B-2	-180	17.2	15.9	500	-300	1400	-1300	2.3
P6	2000.00	-1078.00	B-3	-180	23.1	19.5	300	-200	1200	-1100	2.0
P7	0.00	-1846.55	C-1	-180	25.7	22.4	200	-300	1300	-800	2.2
P8	1000.00	-1846.55	C-2	-180	36.4	27.6	200	-400	800	-800	1.0
P9	2000.00	-1846.55	C-3	-180	24.3	21.1	200	-400	800	-1000	1.3
P10	0.00	-2216.55	D-1	-180	26.1	23.8	400	-200	1400	-700	2.4
P11	1000.00	-2216.55	D-2	-180	31.0	28.1	400	-300	800	-1000	1.1
P12	2000.00	-2216.55	D-3	-180	25.2	22.0	300	-300	700	-1000	1.3
P13	0.00	-3096.55	E-1	-180	23.1	19.1	300	-200	1300	-1500	2.2
P14	1000.00	-3096.55	E-2	-180	18.9	15.2	300	-400	1000	-1100	1.7
P15	2000.00	-3096.55	E-3	-180	23.2	19.2	300	-200	1400	-1400	2.3
P16	0.00	-3976.55	F-1	-180	23.5	19.6	300	-200	1300	-1300	2.2
P17	1000.00	-3976.55	F-2	-180	15.9	15.2	300	-400	1000	-1100	1.7
P18	2000.00	-3976.55	F-3	-180	23.5	19.6	300	-200	1400	-1400	2.3
P19	0.00	-4856.15	G-1	-180	21.8	19.8	300	-300	1000	-800	1.8
P20	1000.00	-4856.15	G-2	-180	24.3	23.1	400	-300	800	-900	1.4
P21	2000.00	-4856.15	G-3	-180	21.8	19.8	300	-300	900	-1100	1.6

Os esforços indicados nesta tabela são os valores máximos obtidos pela envoltória de todas as combinações definidas para as fundações. Para análises complementares, deve-se consultar o relatório de esforços na fundação, que apresenta os valores calculados para cada combinação.

NOTAS:

- MEDIDAS EM CENTÍMETROS, EXETO ENDO INDICADO.
- CLASSE DE AGRESSIVIDADE (Imoderada).
- CONCRETO MOLDADO IN LOCO.
- VIGAS C-25 E COBRIMENTO DE PEÇAS EXTERNAS DE 3CM. PEÇAS INTERNAS DE 2.5CM CONTADO COM O SOLO DE 3CM.
- PILARES C-25 E COBRIMENTO DE PEÇAS EXTERNAS DE 3CM. PEÇAS INTERNAS DE 2.5CM CONTADO COM O SOLO DE 3CM.
- LAJES C-25 E COBRIMENTO DE PEÇAS EXTERNAS DE 2.5CM E CONTADO COM O SOLO DE 3CM.
- CONCRETO PRÉ-MOLDADOS.
- VIGAS C-40 E COBRIMENTO DE PEÇAS EXTERNAS DE 3CM.
- PILARES C-40 E COBRIMENTO DE PEÇAS EXTERNAS DE 3CM.
- ACÓES CA-50 E CA-40.
- AS ESTACAS EM HELICE CONTINUAS SÓ HAVERÁ A NECESSIDADE DE ARMAR OS 4 PRIMEIROS METROS.