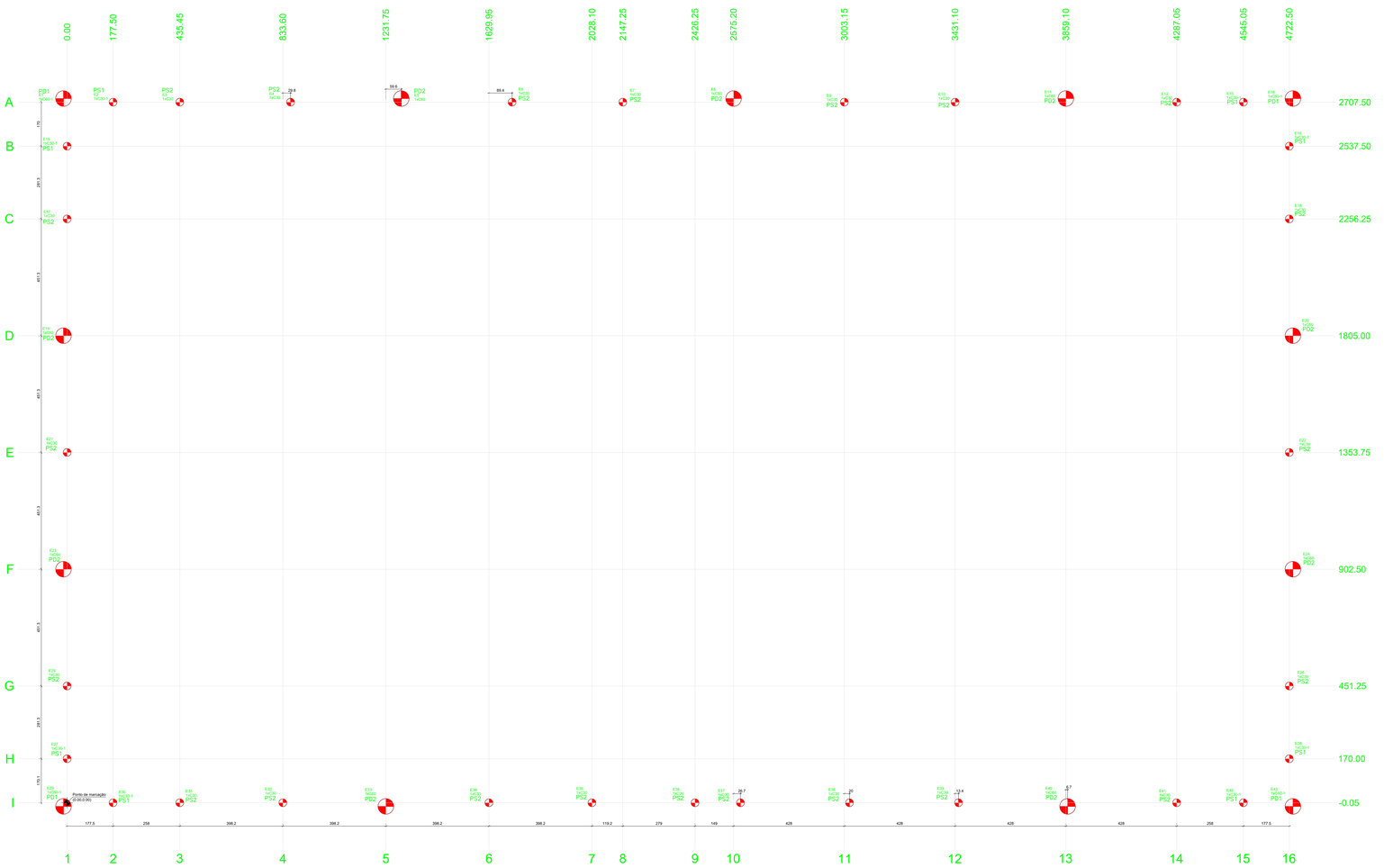
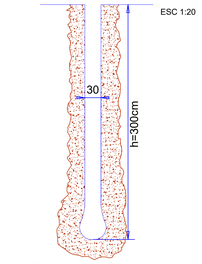


Planta de locação

escala 1:100

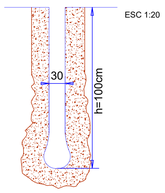
ESTACA C30-1 - PS1
DETALHE DAS ESTACAS (x8)



Relação de materiais

8XESTACA C30-1 (300 CM)
Vol. de concreto total (Fck-20Mpa) = 1.70 m³

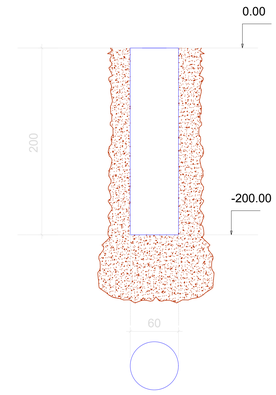
ESTACA C30 - PS2
DETALHE DAS ESTACAS (x22)



Relação de materiais

22XESTACA C30 (100 CM)
Vol. de concreto total (Fck-20Mpa) = 1.56 m³

ESTACA C60-1 - PD1
DETALHE DAS ESTACAS (x4)



Relação de materiais

4XESTACA C60-1 (200 CM)
Vol. de concreto total (Fck-20Mpa) = 2.26 m³

ESTACA C60 - PD2
DETALHE DAS ESTACAS (x9)



Relação de materiais

9XESTACA C60 (200 CM)
Vol. de concreto total (Fck-20Mpa) = 2.54 m³

Pilar												Fundação					Bloco	
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (tf)	Carga Mín. (tf)	Mx Máximo (kgf.m)		My Máximo (kgf.m)		Fx Máximo (tf)		Fy Máximo (tf)		Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	ne	Estaca	ca (cm)
						Positivo	Negativo	Positivo	Negativo	Positivo	Negativo	Positivo	Negativo							
E1	-	0.00	2707.50	3.2	1.8	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E2	-	177.50	2707.50	2.2	1.9	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E3	-	435.45	2707.50	2.6	2.2	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E4	-	863.40	2707.50	2.7	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E5	-	1291.35	2707.50	3.7	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E6	-	1719.30	2707.50	2.7	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E7	-	2147.25	2707.50	2.7	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E8	-	2575.20	2707.50	3.7	2.3	100	0	100	-200	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E9	-	3003.15	2707.50	2.7	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E10	-	3431.10	2707.50	2.7	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E11	-	3859.10	2707.50	3.7	2.3	100	0	100	-200	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E12	-	4287.05	2707.50	2.5	2.2	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E13	-	4545.05	2707.50	2.2	1.9	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E14	-	4722.50	2707.50	3.2	1.8	100	0	100	-200	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E15	-	0.00	2537.50	2.3	1.9	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E16	-	4722.50	2537.50	2.3	1.9	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E17	-	0.00	2256.25	2.6	2.2	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E18	-	4722.50	2256.25	2.6	2.2	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E19	-	0.00	1805.00	3.8	2.4	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E20	-	4722.50	1805.00	3.8	2.4	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E21	-	0.00	1353.75	2.7	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E22	-	4722.50	1353.75	2.7	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E23	-	0.00	902.50	3.8	2.4	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E24	-	4722.50	902.50	3.8	2.4	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E25	-	0.00	451.25	2.6	2.2	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E26	-	4722.50	451.25	2.6	2.2	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E27	-	0.00	170.00	2.3	1.9	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E28	-	4722.50	170.00	2.3	1.9	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E29	-	0.00	-0.05	3.2	1.8	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E30	-	177.50	-0.05	2.2	1.9	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E31	-	435.45	0.00	2.5	2.2	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E32	-	833.60	0.00	2.6	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E33	-	1231.75	0.00	3.6	2.2	100	0	100	-200	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E34	-	1629.95	0.00	2.6	2.2	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E35	-	2028.10	0.00	2.7	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E36	-	2426.25	0.00	2.4	2.0	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E37	-	2601.85	0.00	2.4	2.1	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E38	-	3023.15	0.00	2.7	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E39	-	3444.45	0.00	2.6	2.3	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E40	-	3865.75	0.00	3.7	2.3	100	0	100	-200	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0
E41	-	4287.05	0.00	2.5	2.2	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E42	-	4545.05	-0.05	2.2	1.9	100	0	100	0	0.1	0.0	0.1	0.0	-	-	-	-	1	C30	0
E43	-	4722.50	0.00	3.2	1.8	100	0	100	-200	0.1	0.0	0.1	0.0	-	-	-	-	1	C60	0

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.

Estacas				
Simbologia	Nome	d (cm)	Quantidade	Comprimento (cm)
	C30	30.00	22	300
	C60	60.00	9	200
	C30-1	30.00	8	100
	C60-1	60.00	4	100

Locação no eixo Y	
Coordenadas (cm)	Nome
2707.50	E1, E2, E3, E4, E5, E6, E7, E8, E9, E10, E11, E12, E13, E14
2537.50	E15, E16
2256.25	E17, E18
1805.00	E19, E20
1353.75	E21, E22
902.50	E23, E24
451.25	E25, E26
170.00	E27, E28
0.00	E29, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, E41, E43
-0.05	E30, E42

Locação no eixo X	
Coordenadas (cm)	Nome
0.00	E1, E15, E17, E19, E21, E23, E25, E27, E29
177.50	E2, E30
435.45	E3, E31
833.60	E32
863.40	E4
1231.75	E33
1291.35	E5
1629.95	E34
1719.30	E6
2028.10	E35
2147.25	E7
2426.25	E36
2575.20	E8
2601.85	E37
3003.15	E9
3023.15	E38
3431.10	E10
3444.45	E39
3859.10	E11
3865.75	E40
4287.05	E12, E41
4545.05	E13, E42
4722.50	E14, E16, E18, E20, E22, E24, E26, E28, E43

PREFEITURA MUNICIPAL DE AMORINÓPOLIS

ENGENHARIA CAMPOS ANDRADE
inovar o presente, construir o futuro.

APROVAÇÃO

APROVADO

EM / /

GUSTAVO SILVA DE OLIVEIRA:02713513146 2023.11.06 21:24:12 -03'00'

CAMPO SOCIETY
CONSTRUÇÃO
CONTRATO DE REPASSE 931058/2022

ENDEREÇO
LAGO DE AMORINÓPOLIS, LATITUDE 16°37'14.75"S, LONGITUDE 51° 5'22.01"O MUNICIPIO DE AMORINÓPOLIS/GO

ÁREA DO TERRENO	ÁREA PERMEAB.	ÁREA EXISTENTE	ÁREA A DEMOLIR	ÁREA A CONSTRUIR	ÁREA TOTAL CONSTRUÇÃO
2.150,65 m²	1.273,05 m²	- m²	- m²	2.150,65 m²	2.150,65 m²

GUSTAVO SILVA DE OLIVEIRA:02713513146 2023.11.06 14:58:09 -03'00'

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE AMORINÓPOLIS
(CNPJ) 01.067.073/0001-63)

CAMILA BRUNA MENDONCA ANDRADE:02125719107 2023.11.06 21:24:12 -03'00'

AUTORA: CAMILA BRUNA MENDONÇA ANDRADE
(ENGENHEIRA CIVIL / CREA Nº 1018243151/D-GO)

ESTRUTURAL

TIPO DE PROJETO

PLANTA DE LOCAÇÃO DAS ESTACAS
DETALHES

ASSUNTO:

DATA:	ESCALA:	REVISÃO:	ART:
SETEMBRO/2023	INDICADA	001	1020230283011

REV.	DATA	DESCRIÇÃO	VISTO

2/3

FOLHA: