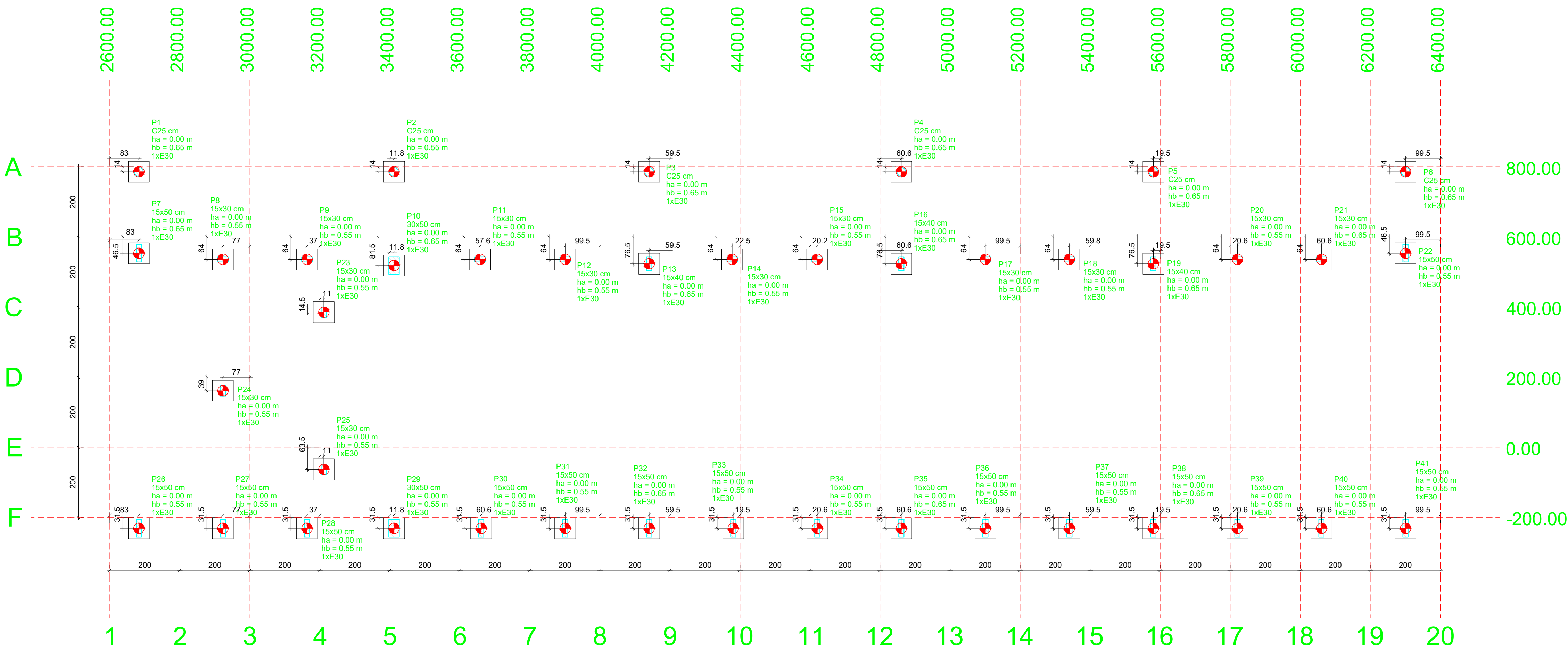
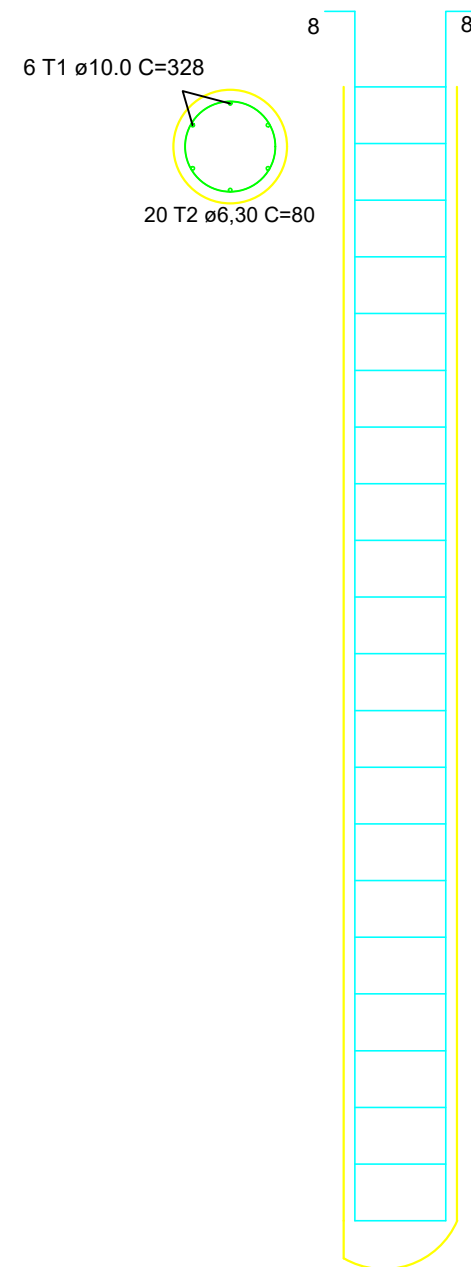




Planta de localização
escala 1:75

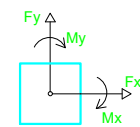
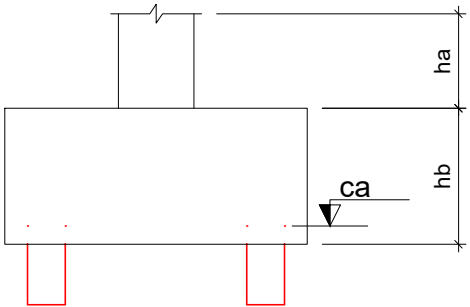
ESTACA HELICE CONTINUA
COMPRIMENTO = 7,00 METROS



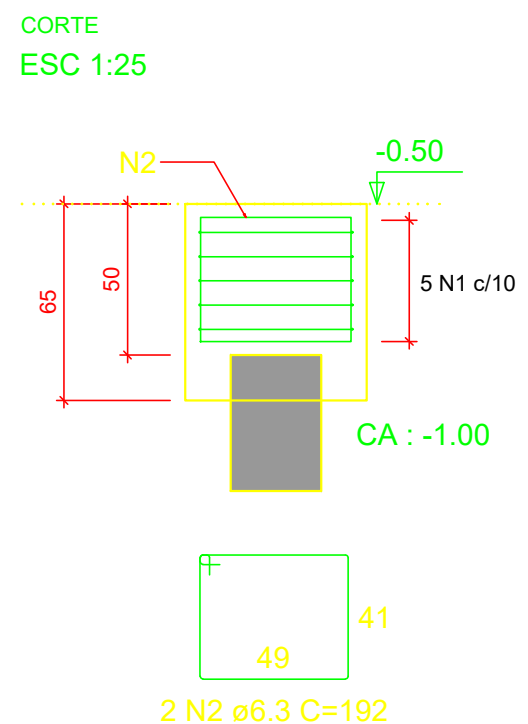
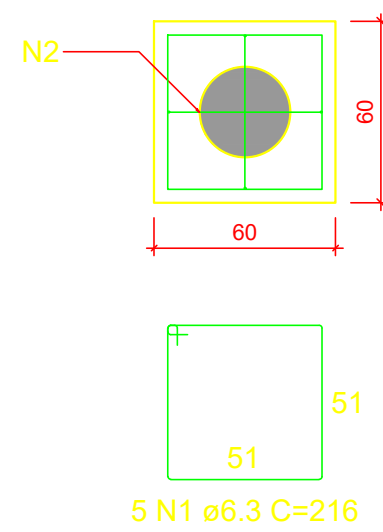
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (kN)	Carga Mín. (kN)	Pilar				Fundação				Bloco							
						Mx Máximo (kN.m)	Mx Mínimo (kN.m)	My Máximo (kN.m)	My Mínimo (kN.m)	Fx Máximo (kN)	Fx Mínimo (kN)	Fy Máximo (kN)	Fy Mínimo (kN)	Lado B (cm)	Lado H (cm)	h / h ₀ (m)	h ₁ / h ₂ (m)	ne	Estaca (m)	ca (m)	
P1	C25	2683.00	786.00	41	30	0	0	0	0	0	0	-11	5	0	60	60	0.00	0.65	1	E30	-1.00
P2	C25	3411.81	786.00	66	56	0	0	0	0	3	0	6	0	0	60	60	0.00	0.55	1	E30	-0.90
P3	C25	4140.55	786.00	63	53	0	0	0	0	1	0	6	0	0	60	60	0.00	0.65	1	E30	-1.00
P4	C25	4860.55	786.00	63	53	0	0	0	0	1	0	6	0	0	60	60	0.00	0.65	1	E30	-1.00
P5	C25	5580.55	786.00	66	55	0	0	0	0	0	-2	6	0	0	60	60	0.00	0.65	1	E30	-1.00
P6	C25	6300.55	786.00	45	30	0	0	0	0	11	0	8	0	0	60	60	0.00	0.65	1	E30	-1.00
P7	15x50	2683.00	553.50	74	68	0	0	0	0	0	-2	18	0	0	60	60	0.00	0.65	1	E30	-1.00
P8	15x30	2923.00	536.00	83	76	0	0	0	0	2	0	3	0	0	60	60	0.00	0.55	1	E30	-0.90
P9	15x30	3163.00	536.00	73	61	0	0	0	0	1	-3	0	-3	0	60	60	0.00	0.55	1	E30	-0.90
P10	30x50	3411.81	518.50	132	120	0	0	0	0	4	0	24	0	0	60	60	0.00	0.65	1	E30	-1.00
P11	15x30	3657.55	536.00	64	58	0	0	0	0	2	0	4	0	0	60	60	0.00	0.55	1	E30	-0.90
P12	15x30	3900.55	536.00	59	53	0	0	0	0	-3	1	0	0	0	60	60	0.00	0.55	1	E30	-0.90
P13	15x40	4140.55	523.50	95	87	0	0	0	0	1	0	14	0	0	60	60	0.00	0.65	1	E30	-1.00
P14	15x30	4377.55	536.00	64	57	0	0	0	0	2	0	4	0	0	60	60	0.00	0.55	1	E30	-0.90
P15	15x30	4620.18	536.00	59	53	0	0	0	0	0	-3	1	0	0	60	60	0.00	0.55	1	E30	-0.90
P16	15x40	4860.55	523.50	95	87	0	0	0	0	1	0	15	0	0	60	60	0.00	0.65	1	E30	-1.00
P17	15x30	5100.55	536.00	64	57	0	0	0	0	2	0	4	0	0	60	60	0.00	0.55	1	E30	-0.90
P18	15x30	5340.18	536.00	59	53	0	0	0	0	-3	1	0	0	0	60	60	0.00	0.55	1	E30	-0.90
P19	15x40	5580.55	523.50	95	87	0	0	0	0	1	0	15	0	0	60	60	0.00	0.65	1	E30	-1.00
P20	15x30	5820.55	536.00	65	57	0	0	0	0	1	-2	4	0	0	60	60	0.00	0.55	1	E30	-0.90
P21	15x30	6060.55	536.00	58	53	0	0	0	0	0	-4	1	0	0	60	60	0.00	0.65	1	E30	-1.00
P22	15x50	6300.55	553.50	73	66	0	0	0	0	1	0	23	0	0	60	60	0.00	0.55	1	E30	-0.90
P23	15x30	3211.00	385.50	20	12	0	0	0	0	1	0	6	0	0	60	60	0.00	0.55	1	E30	-0.90
P24	15x30	2923.00	161.00	78	75	0	0	0	0	0	-3	6	-3	0	60	60	0.00	0.55	1	E30	-0.90
P25	15x30	3211.00	-63.50	23	23	0	0	0	0	0	-3	4	-2	0	60	60	0.00	0.55	1	E30	-0.90
P26	15x50	2683.00	-231.50	61	52	0	0	0	0	1	-2	0	-10	0	60	60	0.00	0.55	1	E30	-0.90
P27	15x50	2923.00	-231.50	94	83	0	0	0	0	1	0	0	-10	0	60	60	0.00	0.55	1	E30	-0.90
P28	15x50	3163.00	-231.50	75	63	0	0	0	0	1	0	0	-11	0	60	60	0.00	0.55	1	E30	-0.90
P29	30x50	3411.81	-231.50	109	91	0	0	0	0	2	-2	0	-11	0	60	60	0.00	0.55	1	E30	-0.90
P30	15x50	3660.55	-231.50	71	64	0	0	0	0	1	0	0	-13	0	60	60	0.00	0.55	1	E30	-0.90
P31	15x50	3900.55	-231.50	71	63	0	0	0	0	1	0	0	-13	0	60	60	0.00	0.55	1	E30	-0.90
P32	15x50	4140.55	-231.50	85	74	0	0	0	0	1	0	0	-6	0	60	60	0.00	0.65	1	E30	-1.00
P33	15x50	4380.55	-231.50	71	63	0	0	0	0	1	0	0	-13	0	60	60	0.00	0.55	1	E30	-0.90
P34	15x50	4620.55	-231.50	71	63	0	0	0	0	1	0	0	-13	0	60	60	0.00	0.55	1	E30	-0.90
P35	15x50	4860.55	-231.50	84	73	0	0	0	0	1	0	3	-6	0	60	60	0.00	0.65	1	E30	-1.00
P36	15x50	5100.55	-231.50	71	63	0	0	0	0	1	0	0	-13	0	60	60	0.00	0.55	1	E30	-0.90
P37	15x50	5340.55	-231.50	71	63	0	0	0	0	1	0	0	-13	0	60	60	0.00	0.55	1	E30	-0.90
P38	15x50	5580.55	-231.50	84	72	0	0	0	0	1	0	3	-6	0	60	60	0.00	0.65	1	E30	-1.00
P39	15x50	5820.55	-231.50	71	63	0	0	0	0	1	0	0	-13	0	60	60	0.00	0.55	1	E30	-0.90
P40	15x50	6060.55	-231.50	71	63	0	0	0	0	1	0	0	-13	0	60	60	0.00	0.55	1	E30	-0.90
P41	15x50	6300.55	-231.50	60	49	0	0	0	0	2	0	0	-9	0	60	60	0.00	0.55	1	E30	-0.90

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.

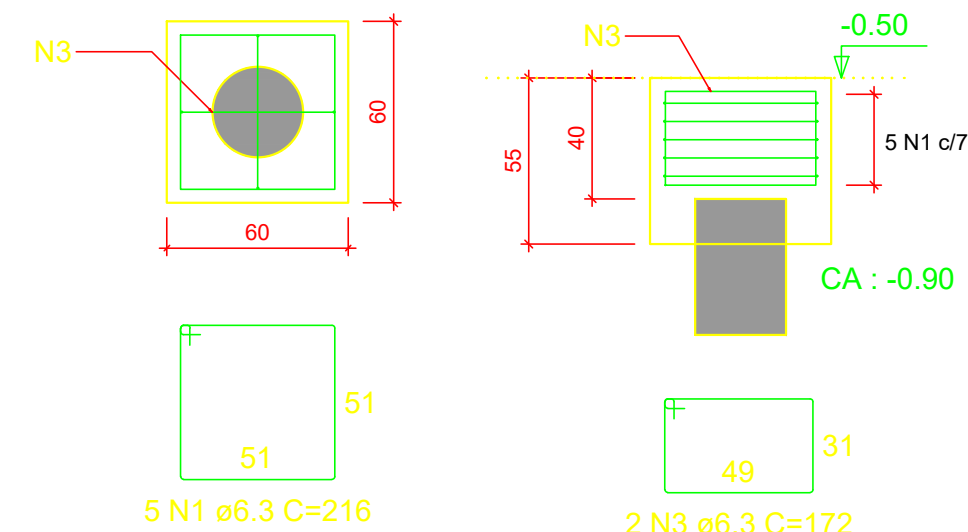
Estacas		
Simbologia	Nome	Quantidade
	E30	30,00
	E41	41



B1=B3=B4=B5=B6=B7=B10=B13=B16=B19=B21
=B32=B35=B38
1xE30
PLANTA
ESC 1:25



B2=B8=B9=B11=B12=B14=B15=B17=B18=B20
=B22=B23=B24=B25=B26=B27=B28=B29=B30
=B31=B33=B34=B36=B37=B39=B40=B41
1xE30
PLANTA
ESC 1:25



RELAÇÃO DO AÇO				
AÇO	N	DIAM (mm)	QUANT	C.TOTAL (cm)
CA50	1	6.3	205	216
	2	6.3	28	192
	3	6.3	54	172

RESUMO DO AÇO				
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	589.4	55	158.7

Volume de concreto (C-25) = 8.19 m³
Área de forma = 57.48 m²

PROJETO	RESPONSÁVEL TÉCNICO		
Eng. Mano Marques Ribeiro	CREA: MG 48900/D		
CIENTE			
EMPREENHAMENTO	DISCIPLINA		
IMPLANTAÇÃO DA ESCOLA NOVA	ESTRUTURAL		
ENDEREÇO	FASE DO PROJETO		
RUA 06, S/N - B. Luiz Rennó Mendes. SANTA RITA DO SAPUCAÍ - MINAS GERAIS	EXECUTIVO		
ASSUNTO	FOLHA Nº		
BLOCO E LOCAÇÃO DAS ESTACAS E DET. FUNDAÇÕES. PLANTA BAIXA E CORTES	37		
DATA INICIAL	ESCALA	REVISÃO	ARQUIVO
17/10/2019	INDICADA	R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NVV.DWG