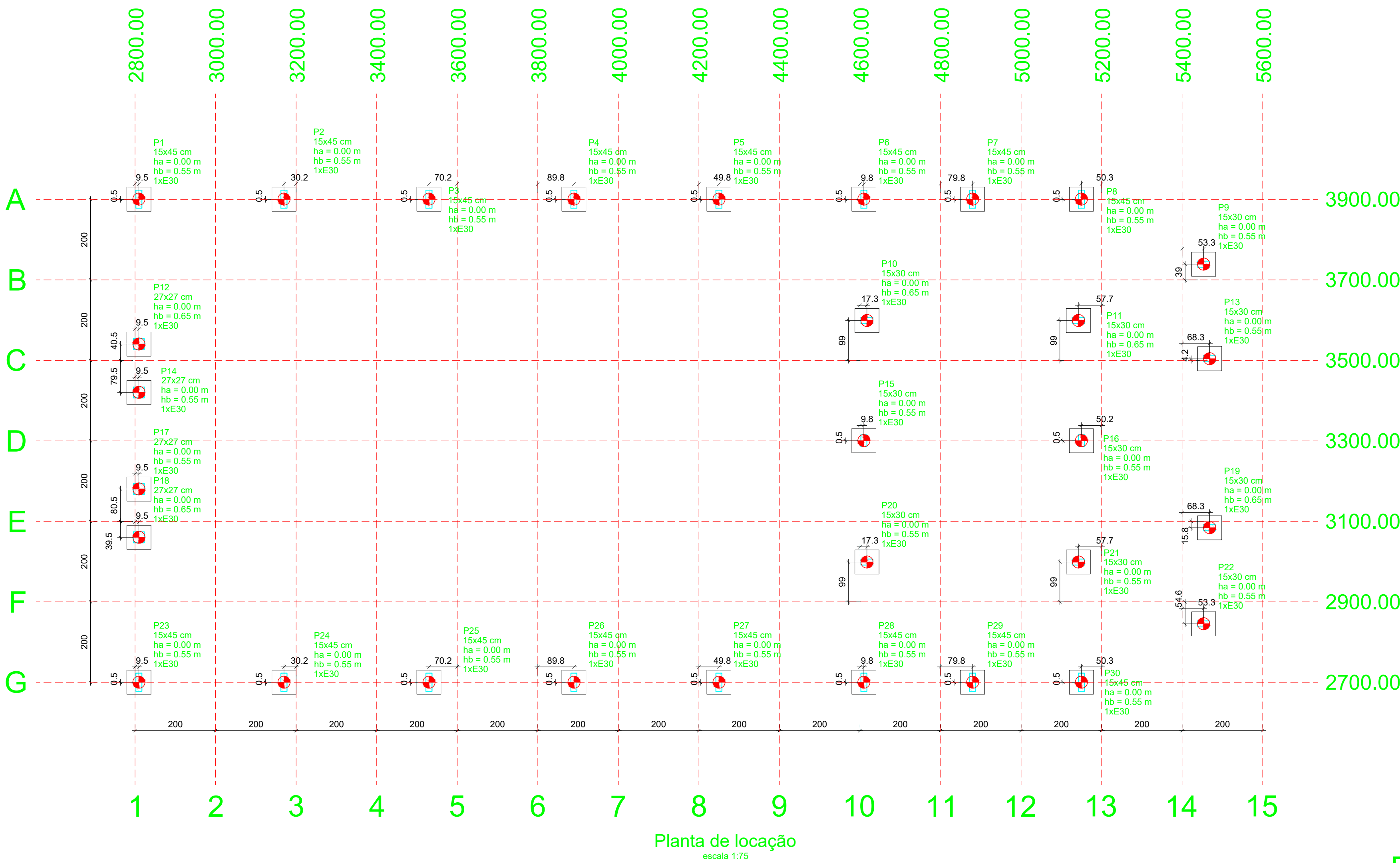
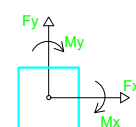
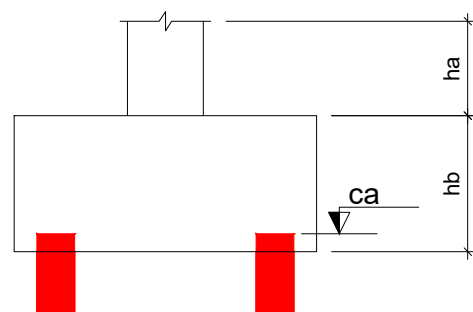




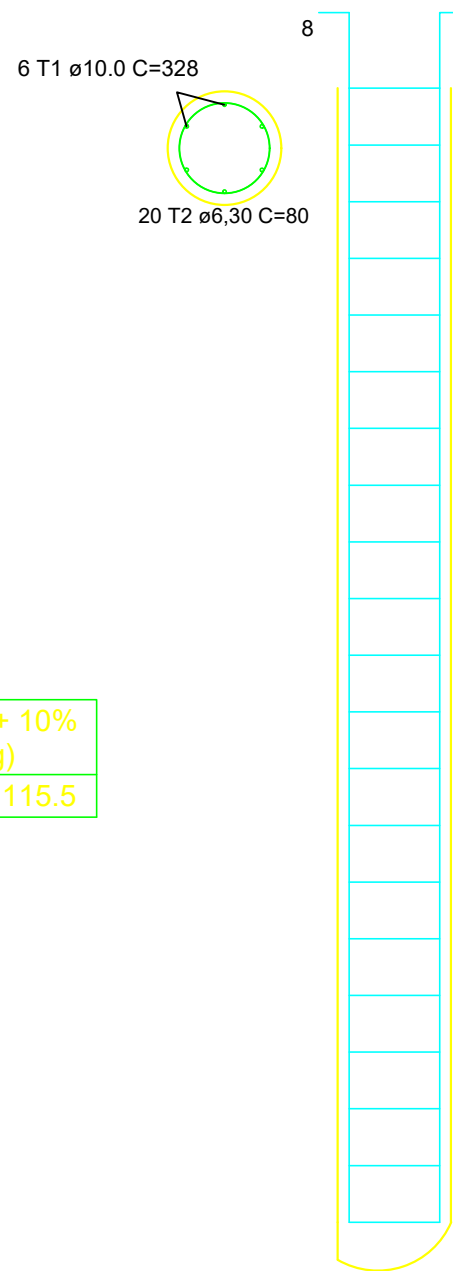
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (kN)	Carga Mín. (kN)	Pilar				Fundação				Bloco	
						Mx Máximo (kN.m)		My Máximo (kN.m)		Fx Máximo (kN)		Fy Máximo (kN)		Lado B	Lado H
						Positivo	Negativo	Positivo	Negativo	Positivo	Negativo	Positivo	Negativo	h0 / ha (cm)	h1 / hb (m)
P1	15x45	2809.50	3900.50	57	46	0	0	0	0	0	-3	4	0	60	60
P2	15x45	3169.77	3900.50	56	53	0	0	0	0	2	0	1	-2	60	60
P3	15x45	3529.76	3900.50	55	50	0	0	0	0	2	0	1	-1	60	60
P4	15x45	3889.77	3900.50	55	51	0	0	0	0	2	0	1	-3	60	60
P5	15x45	4249.76	3900.50	54	52	0	0	0	0	2	0	1	-2	60	60
P6	15x45	4609.76	3900.49	76	55	0	0	0	0	2	0	7	-2	60	60
P7	15x45	4879.76	3900.49	92	85	0	0	0	0	1	-2	1	0	60	60
P8	15x45	5149.75	3900.49	70	54	0	0	0	0	3	0	8	0	60	60
P9	15x30	5453.26	3738.99	21	12	0	0	0	0	6	0	0	-5	60	60
P10	15x30	4617.26	3599.00	79	70	0	0	0	0	0	-5	4	-3	60	60
P11	15x30	5142.26	3599.00	85	77	0	0	0	0	6	0	4	-3	60	60
P12	27x27	2809.50	3540.50	39	13	0	0	0	0	2	-1	3	-5	60	60
P13	15x30	5468.26	3504.21	65	59	0	0	0	0	0	-13	3	-3	60	60
P14	27x27	2809.50	3420.50	31	6	0	0	0	0	1	0	5	-3	60	60
P15	15x30	4609.76	3300.50	76	69	0	0	0	0	0	-3	6	-4	60	60
P16	15x30	5149.76	3300.50	76	69	0	0	0	0	4	0	5	-2	60	60
P17	27x27	2809.50	3180.50	31	7	0	0	0	0	1	0	4	-6	60	60
P18	27x27	2809.50	3060.50	39	13	0	0	0	0	2	-1	6	-4	60	60
P19	15x30	5468.26	3084.21	66	59	0	0	0	0	0	-13	2	-2	60	60
P20	15x30	4617.26	2999.00	84	74	0	0	0	0	1	-2	5	-1	60	60
P21	15x30	5142.26	2999.00	86	78	0	0	0	0	4	0	5	0	60	60
P22	15x30	5453.26	2845.43	18	9	0	0	0	0	3	0	4	0	60	60
P23	15x45	2809.50	2700.50	57	46	0	0	0	0	0	-1	0	-5	60	60
P24	15x45	3169.77	2700.50	56	54	0	0	0	0	3	0	3	0	60	60
P25	15x45	3529.76	2700.50	55	50	0	0	0	0	2	0	2	0	60	60
P26	15x45	3889.77	2700.50	55	51	0	0	0	0	2	0	2	0	60	60
P27	15x45	4249.76	2700.50	53	51	0	0	0	0	2	0	3	0	60	60
P28	15x45	4609.76	2700.50	90	69	0	0	0	0	2	0	3	-5	60	60
P29	15x45	4879.76	2700.50	123	117	0	0	0	0	2	0	0	-10	60	60
P30	15x45	5149.75	2700.50	75	59	0	0	0	0	3	0	0	-7	60	60

Os esforços indicados nessa 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.

Simbologia	Estacas		
	Nome	d (cm)	Quantidade
	E30	30,00	30

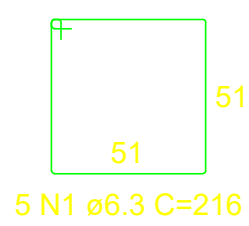
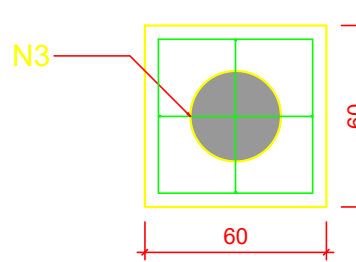


ESTACA HELICE CONTINUA COMPRIMENTO = 7,00 METROS

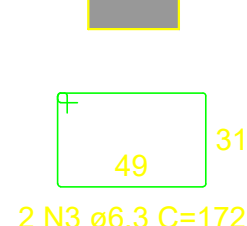
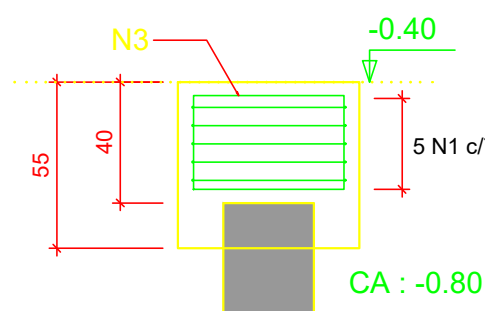


B1=B2=B3=B4=B5=B6=B7=B8=B9=B13=B14=B15
=B16=B17=B20=B21=B22=B23=B24=B25=B26
=B27=B28=B29=B30
1xE30

PLANTA
ESC 1:25

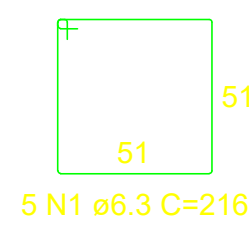
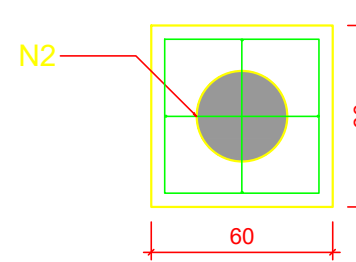


CORTE
ESC 1:25

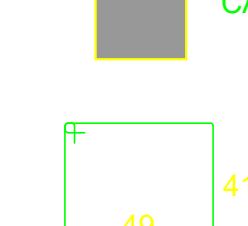
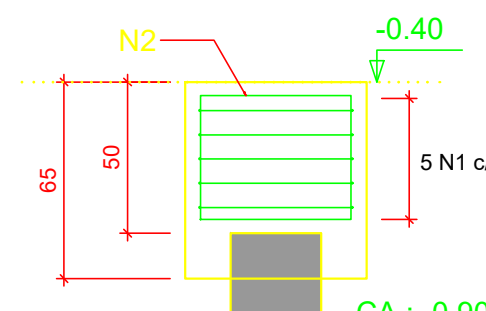


B10=B11=B12=B18=B19
1xE30

PLANTA
ESC 1:25



CORTE
ESC 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	150	216	32400
	2	6.3	10	192	1920
	3	6.3	50	172	8600

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	429.2	40	115.5
PESO TOTAL (kg)				
CA50		115.5		

Volume de concreto (C-25) = 5.80 m³
Área de forma = 40.80 m²

PROJETO	RESPONSÁVEL TÉCNICO		
	Eng. Mano Marques Ribeiro CREA: MG 48900/D		
CIENTE			
EMPREENHIMENTO	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 D: LOCAÇÃO DAS ESTACAS E DET. FUNDAÇÕES. PLANTA BAIXA E CORTES	27		
DATA INICIAL	ESCALA	REVISÃO	ARQUIVO
17/10/2019	INDICADA	R00	FAPEPE-FMSRS-ESC-PE-EST-R00 - NVV.DWG