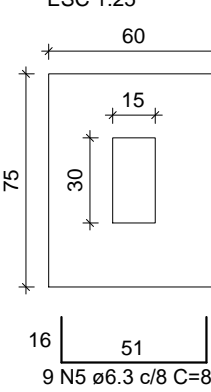


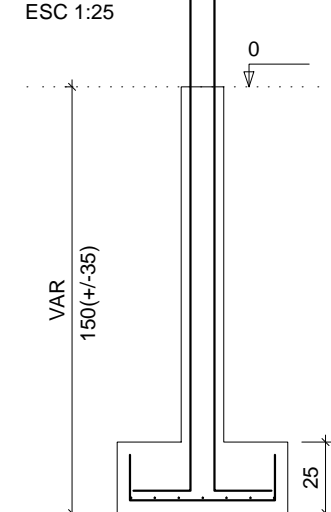
S1=S3=S5

PLANTA
ESC 1:25



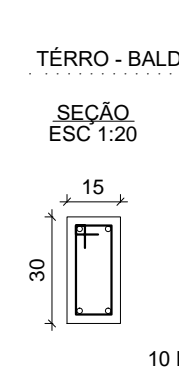
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



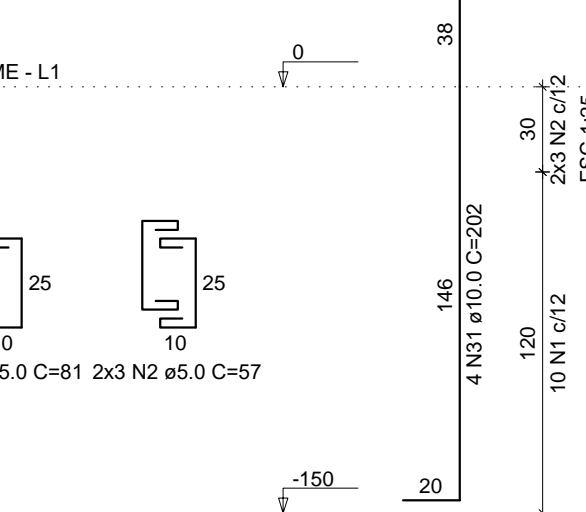
P1=P3=P5

PLANTA
ESC 1:25



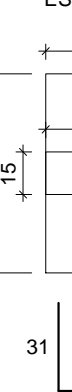
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



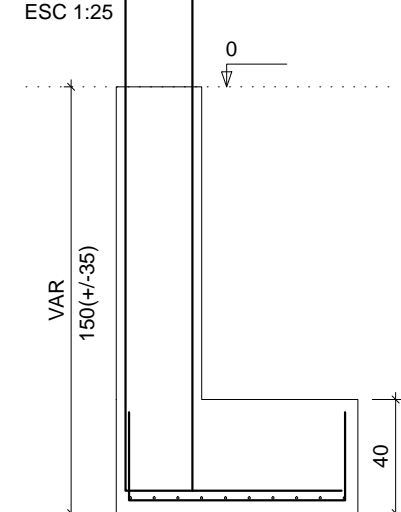
S2

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



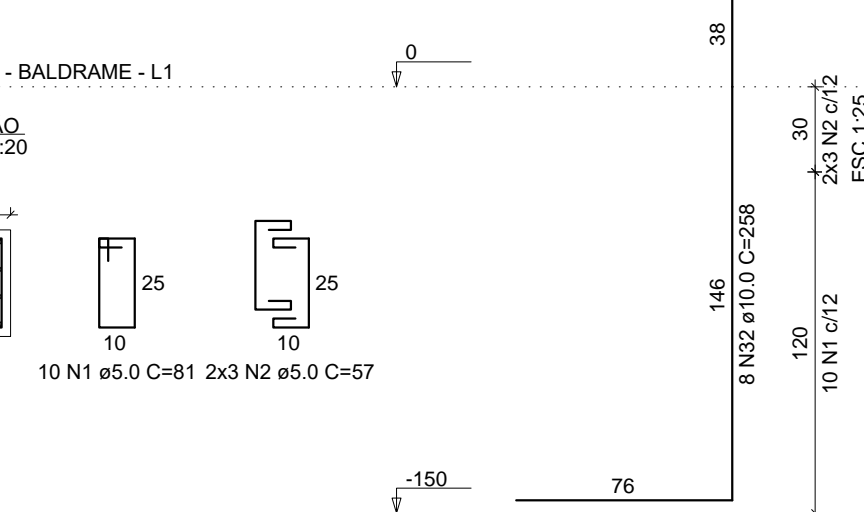
P2

PLANTA
ESC 1:20



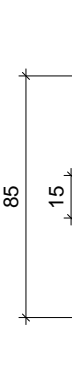
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



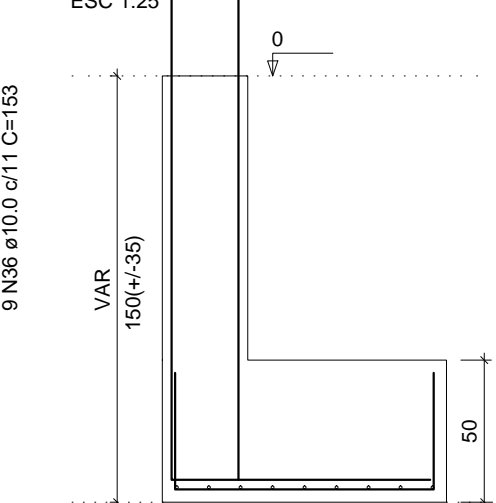
S4

PLANTA
ESC 1:25



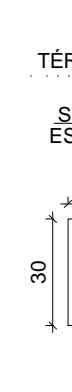
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



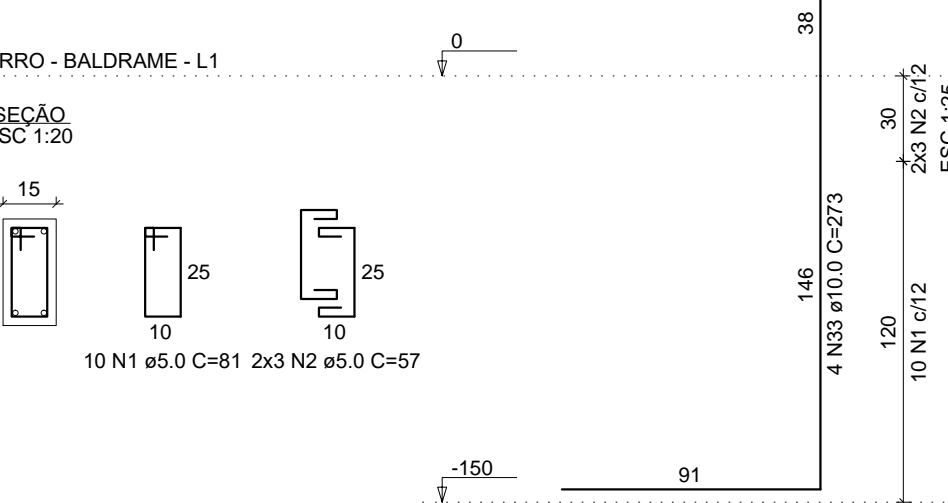
P4

PLANTA
ESC 1:20



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



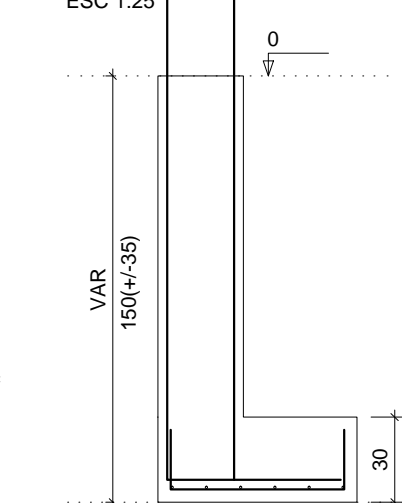
S6

PLANTA
ESC 1:25



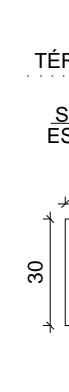
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



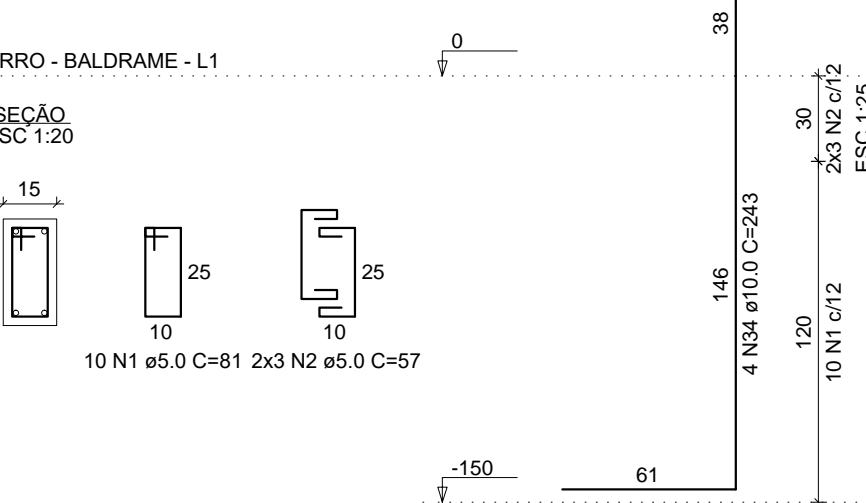
P6

PLANTA
ESC 1:20



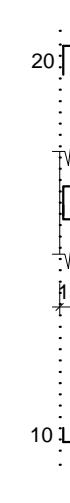
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

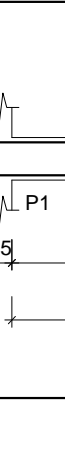


V1

ESC 1:50

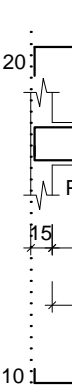


SEÇÃO A-A
ESC 1:25

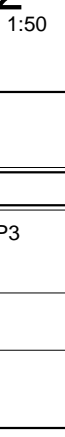


V2

ESC 1:50

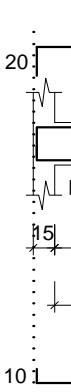


SEÇÃO A-A
ESC 1:25

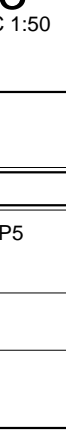


V3

ESC 1:50

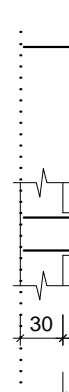


SEÇÃO A-A
ESC 1:25

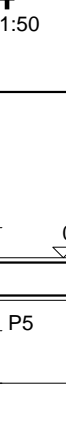


V4

ESC 1:50

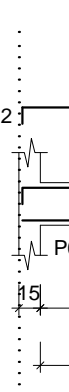


SEÇÃO A-A
ESC 1:25

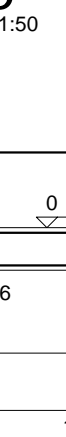


V5

ESC 1:50

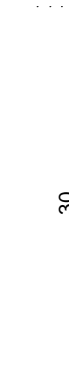


SEÇÃO A-A
ESC 1:25

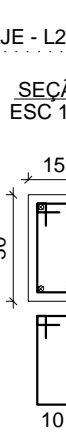


P1=P3=P4=P5=P6

LAJE - L2



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

5xP1-L2
P2-L1
S2-L1
S6-L1
V2-L2
V3-L1
V5-L2

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	399	81	32319
	2	5.0	72	57	4104
	3	5.0	79	91	7189
	4	5.0	2	257	514
	5	6.3	27	80	2160
	6	6.3	21	95	1985
	7	8.0	8	134	1072
	8	8.0	10	119	1190
	9	8.0	6	99	594
	10	8.0	6	84	504
	11	8.0	6	310	1860
	12	8.0	6	346	2076
	13	8.0	6	318	1908
	14	8.0	1	103	103
	15	8.0	4	328	1312
	16	8.0	2	336	672
	17	8.0	1	252	252
	18	8.0	8	747	5976
	19	8.0	2	185	370
	20	8.0	1	174	174
	21	8.0	2	789	1580
	22	8.0	1	155	155
	23	8.0	1	108	108
	24	8.0	2	231	462
	25	8.0	2	205	410
	26	8.0	2	418	836
	27	8.0	2	142	284
	28	8.0	1	84	84
	29	8.0	2	411	822
	30	10.0	28	307	8596
	31	10.0	12	202	2424
	32	10.0	8	258	2064
	33	10.0	4	273	1092
	34	10.0	4	243	972
	35	10.0	7	168	1176
	36	10.0	9	153	1377
	37	10.0	2	530	1060
	38	10.0	2	375	750

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	41.6	11.2
	8.0	228	99
	10.0	195.1	132.3
CA60	5.0	441.3	74.8

PESO TOTAL (kg)

CA50	242.5
CA60	74.8

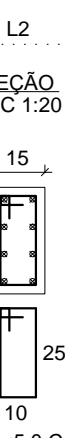
Volume de concreto (C-25) = 4.67 m³
Área de forma = 68.94 m²

P2

LAJE - L2

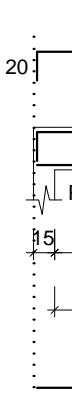


SEÇÃO A-A
ESC 1:20

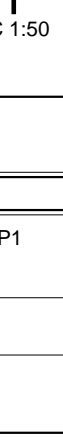


V1

ESC 1:50

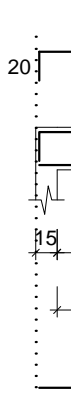


SEÇÃO A-A
ESC 1:25

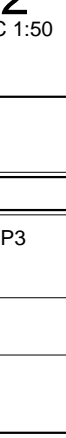


V2

ESC 1:50

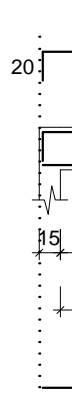


SEÇÃO A-A
ESC 1:25

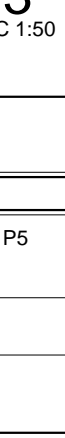


V3

ESC 1:50



SEÇÃO A-A
ESC 1:25



V4

ESC 1:50



SEÇÃO A-A
ESC 1:25

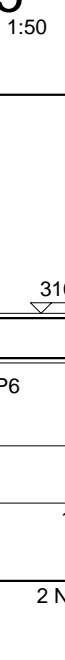


V5

ESC 1:50



SEÇÃO A-A
ESC 1:25



PREFEITURA MUNICIPAL
DE GRÃO MOGOL/MG



OBRA/SERVIÇO: AMPLIAÇÃO, REFORMA E ADEQUAÇÃO
ESCOLA MUNICIPAL PROFESSOR OSVALDO SIMÕES

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE GRÃO MOGOL/MG

DIEGO ANTÔNIO BRAGA FAGUNDES
PREFEITO MUNICIPAL

ENDEREÇO: Av. ARTUR CARLOS, S/Nº CENTRO, GRÃO MOGOL/MG

PROJETO: PROJETO ESTRUTURAL

RESPONSÁVEL TÉCNICO:

RODRIGO ROCHA RIBEIRO
ENGº CIVIL - CREA/MG: 221910/0

ÁREAS: ÁREA TERRENO.....1.197,16m²
ÁREA EXISTENTE.....894,84m²
ÁREA AMPLIAÇÃO.....260,77m²
ÁREA TOTAL CONSTRUÇÃO.....1.155,61m²

NÚMERO ART: NÚMERO CONTRATO: MG 2022 I503153

DATA: SETEMBRO/2022 ESCALA: INDICADA