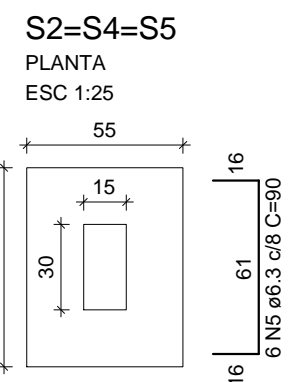
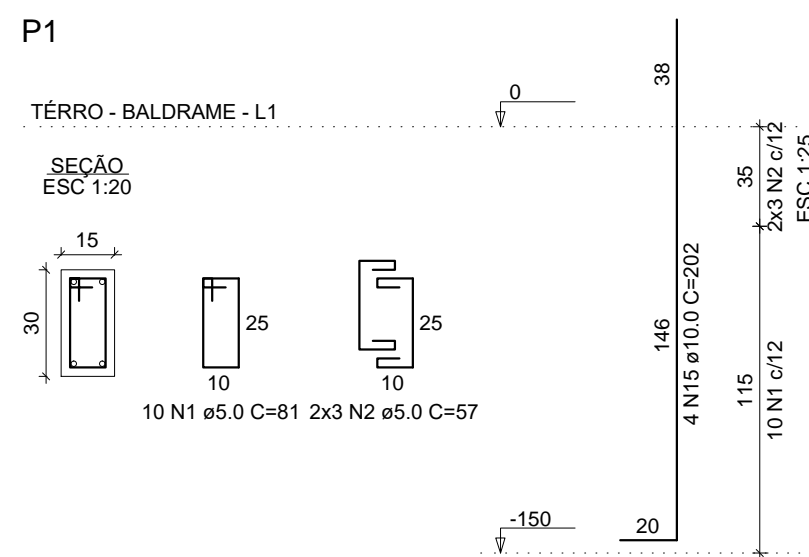
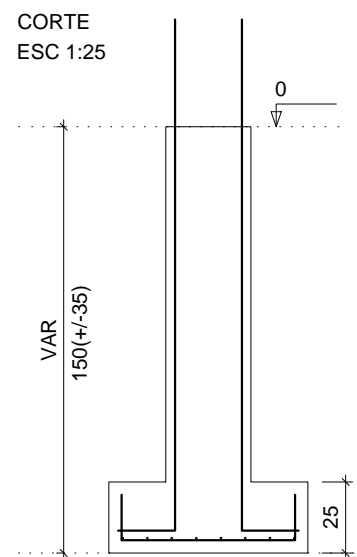
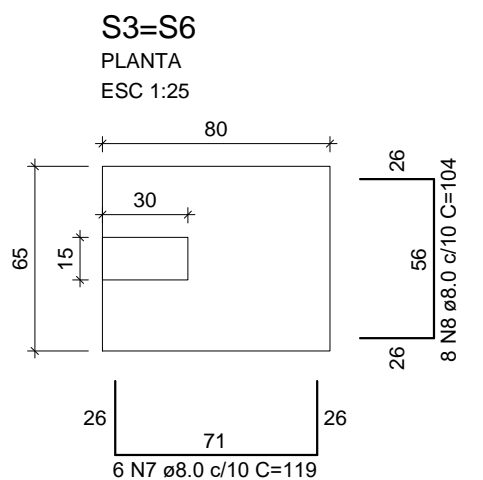
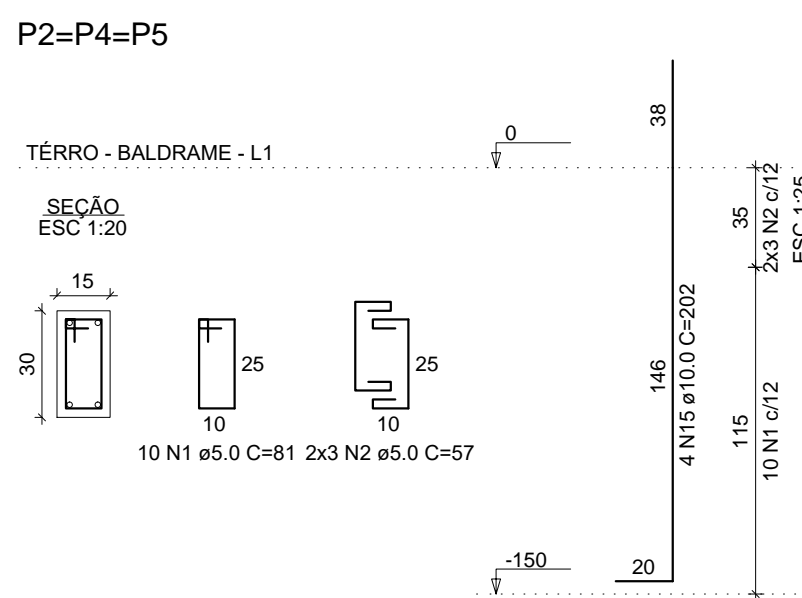
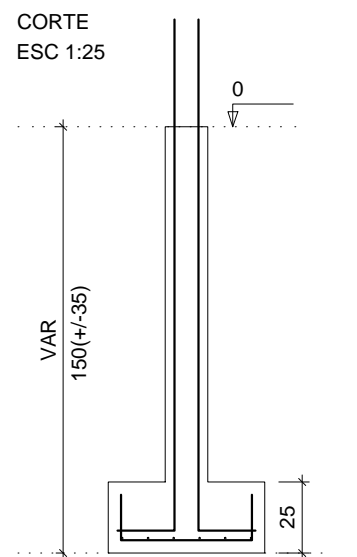


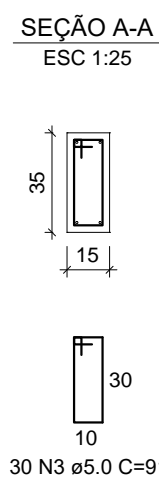
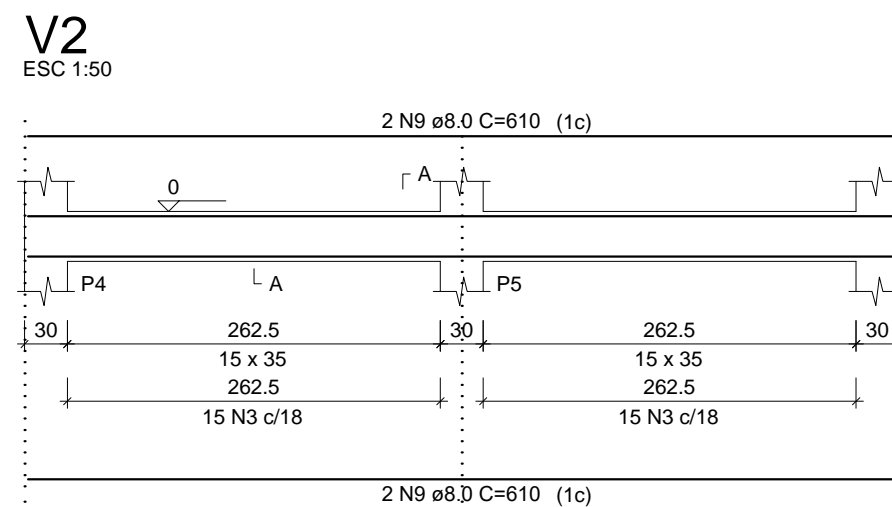
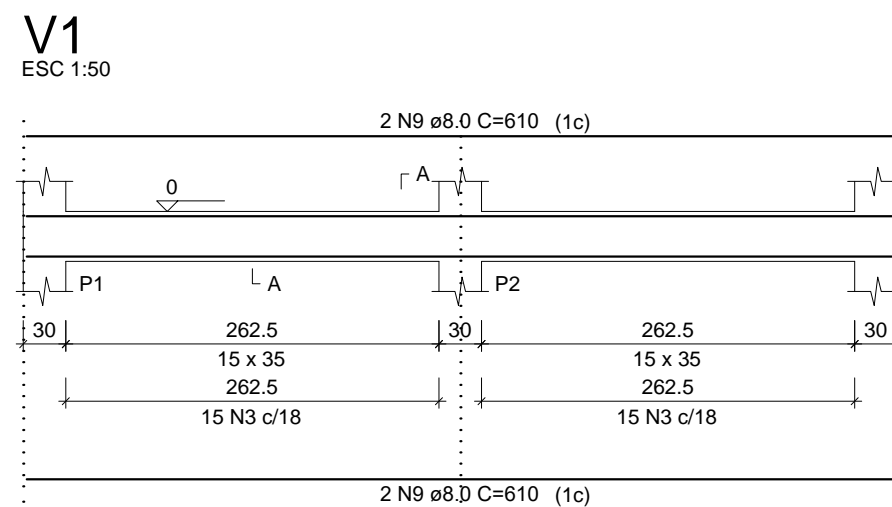
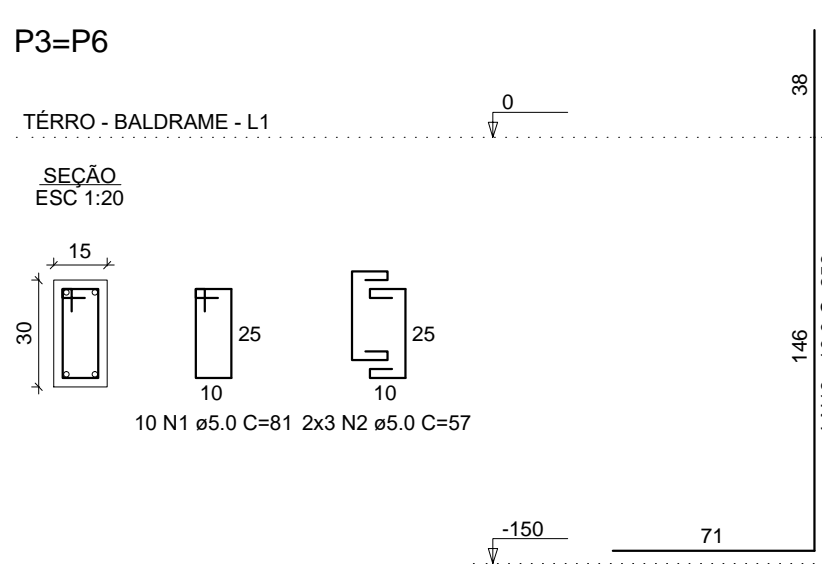
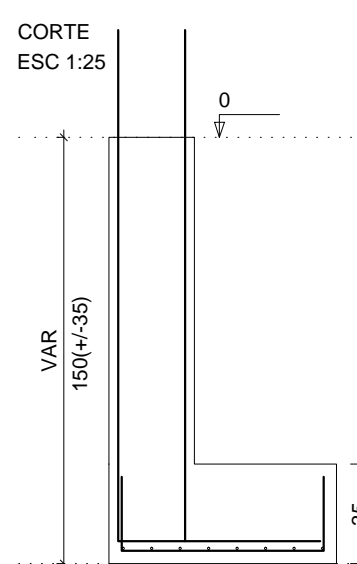
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³



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



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
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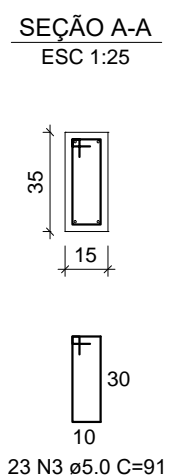
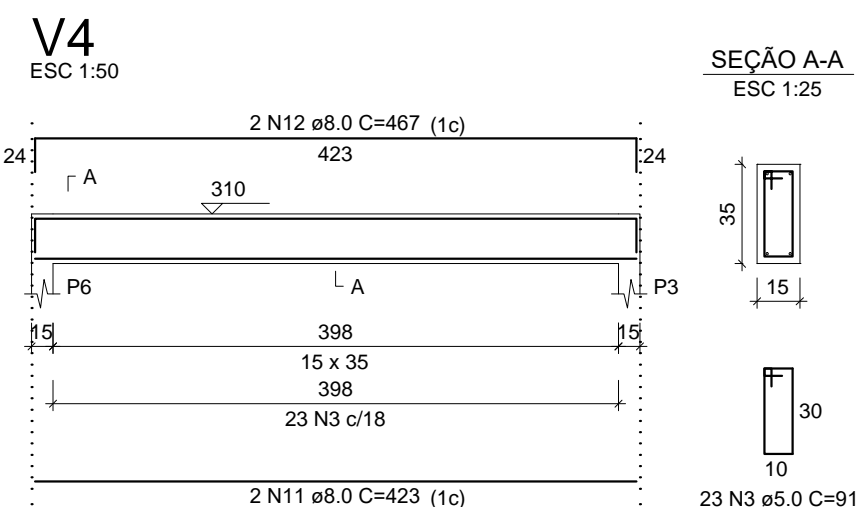
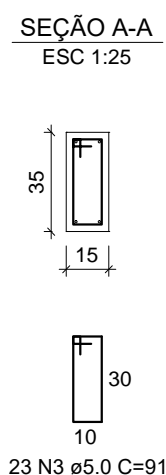
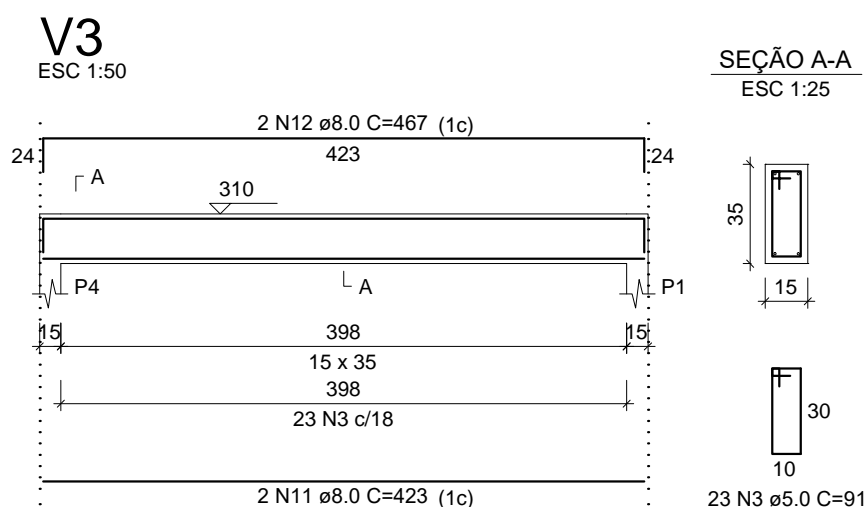
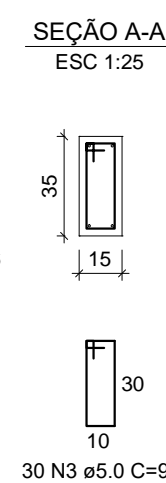
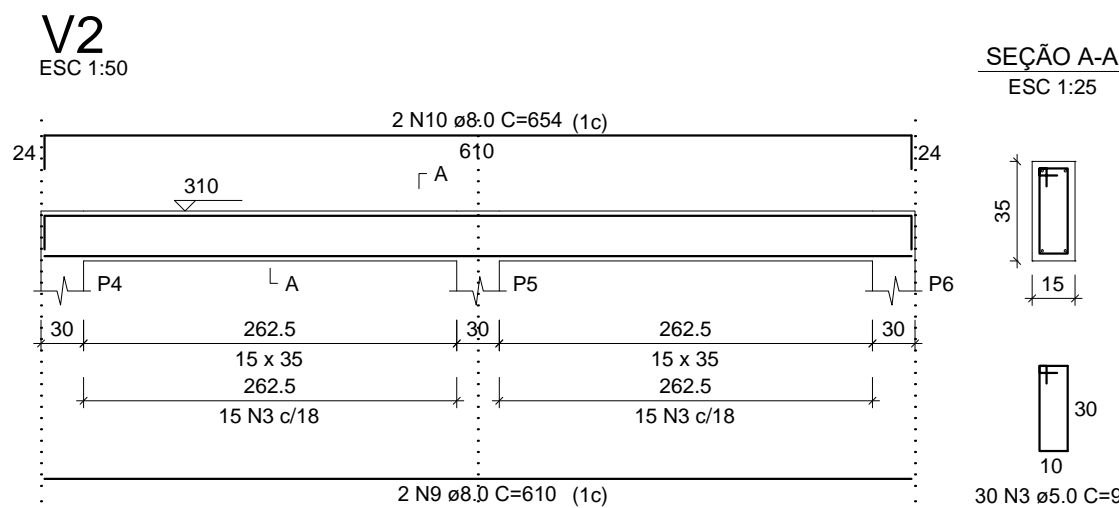
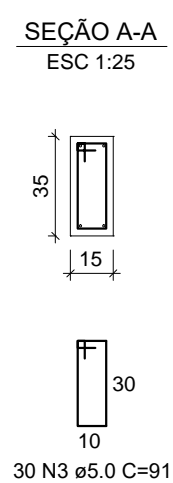
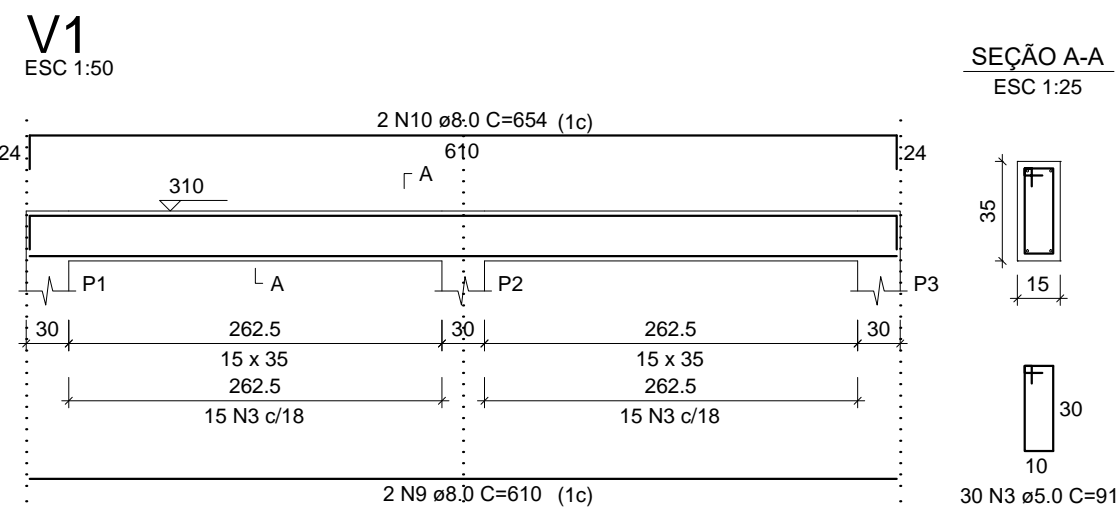
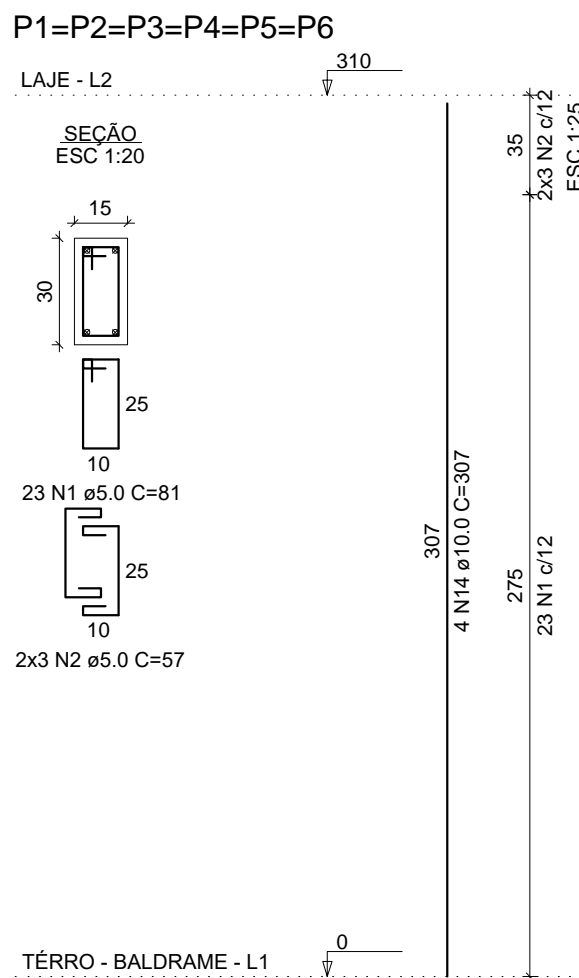
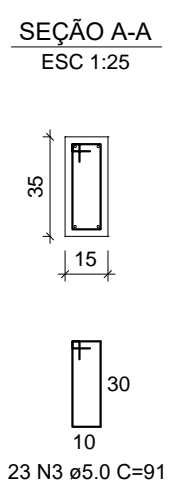
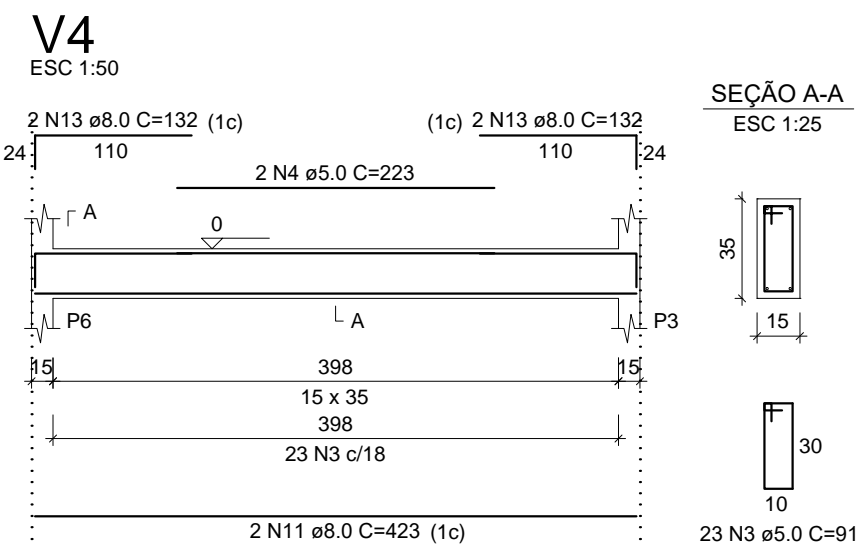
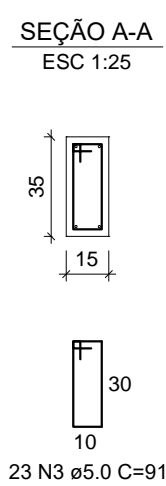
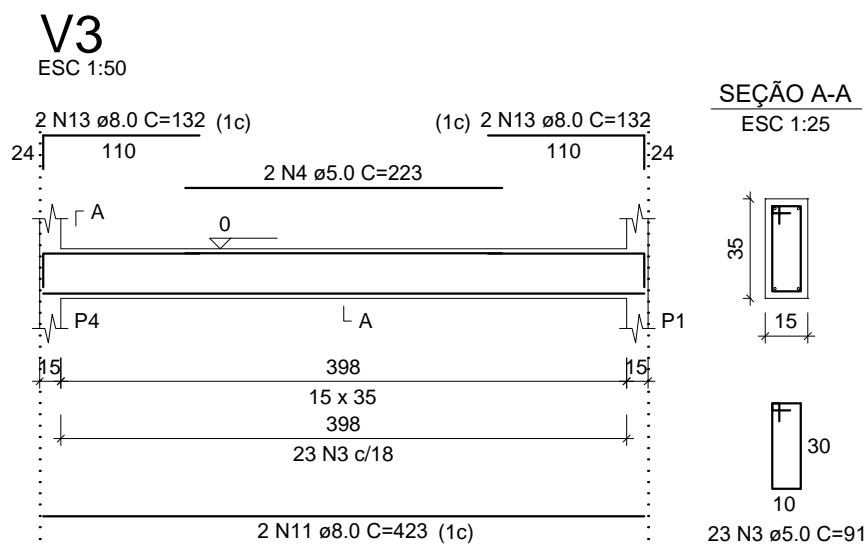
RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	198	81	16038
	2	5.0	72	57	4104
	3	5.0	212	91	19292
	4	5.0	4	223	892
CA50	5	6.3	24	90	2160
	6	6.3	32	75	2400
	7	8.0	12	119	1428
	8	8.0	16	104	1664
	9	8.0	12	610	7320
	10	8.0	4	654	2616
	11	8.0	8	423	3384
	12	8.0	4	467	1868
	13	8.0	8	132	1056
	14	10.0	24	307	7368
	15	10.0	16	202	3232
	16	10.0	8	253	2024

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	45.6	12.3
	8.0	153.4	83.9
CA60	5.0	403.3	85.6
PESO TOTAL (kg)			181.8
CA50			68.4
CA60			113.4

Volume de concreto (C-25) = 4.18 m³
Área de forma = 64.83 m²



PREFEITURA MUNICIPAL
DE GRÃO MOGOL/MG



AMPLIAÇÃO, REFORMA E ADEQUAÇÃO
ESCOLA MUNICIPAL PROFESSOR OSVALDO SIMÕES

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE GRÃO MOGOL/MG

DIEGO ANTÔNIO BRAGA FAGUNDES
PREFEITO MUNICIPAL

AV. ARTHUR CAMPO, S/N - CENTRO - GRÃO MOGOL

PROJETO ESTRUTURAL

RESPONSÁVEL TÉCNICO:

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

ÁREAS:
ÁREA TERRENO.....1.197,16m²
ÁREA EXISTENTE894,84m²
ÁREA AMPLIAÇÃO260,77m²
ÁREA TOTAL CONSTRUÇÃO.....1.155,61m²

NÚMERO ART: MG 2022 1503153

NÚMERO CONTRATO:

DATA: SETEMBRO/2022

ESCALA: INDICADA