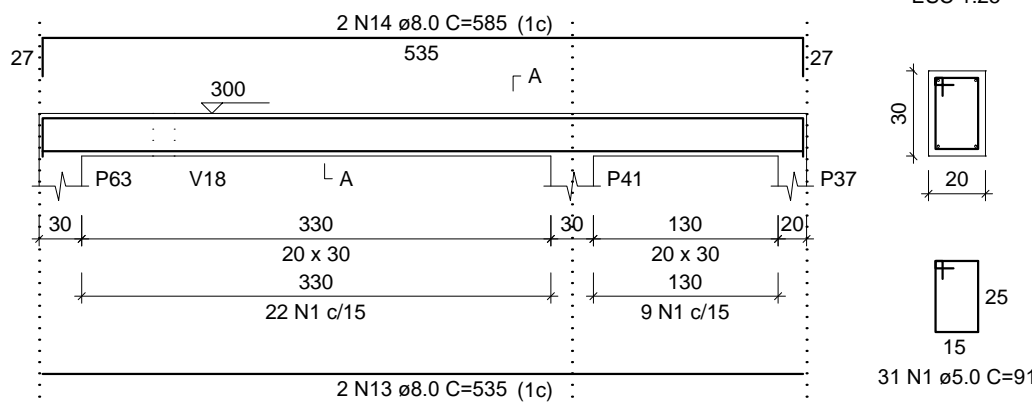


V46

ESC 1:50



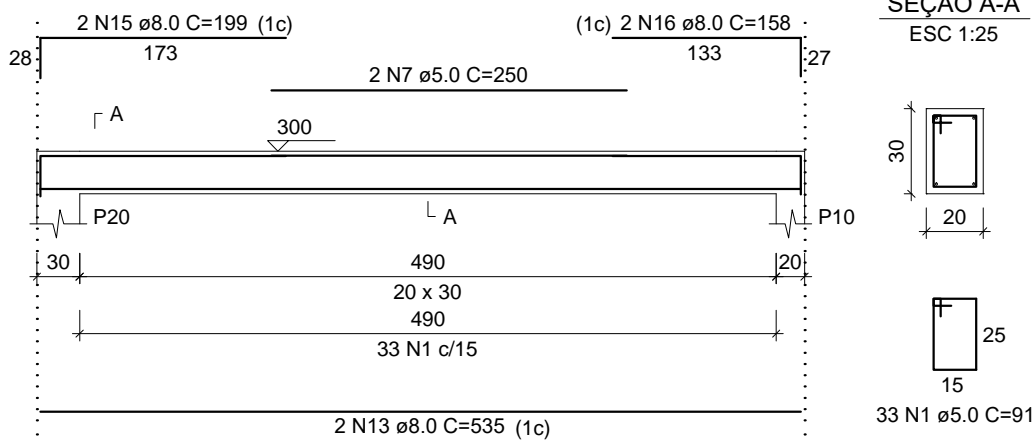
SEÇÃO A-A

ESC 1:25

31 N1 ø5.0 C=91

V47

ESC 1:50



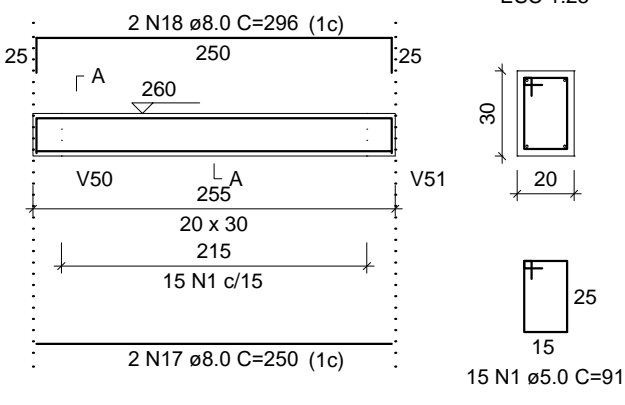
SEÇÃO A-A

ESC 1:25

33 N1 ø5.0 C=91

V48

ESC 1:50



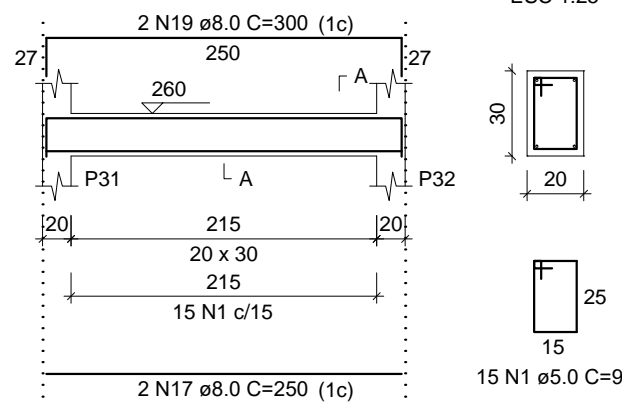
SEÇÃO A-A

ESC 1:25

15 N1 ø5.0 C=91

V49

ESC 1:50



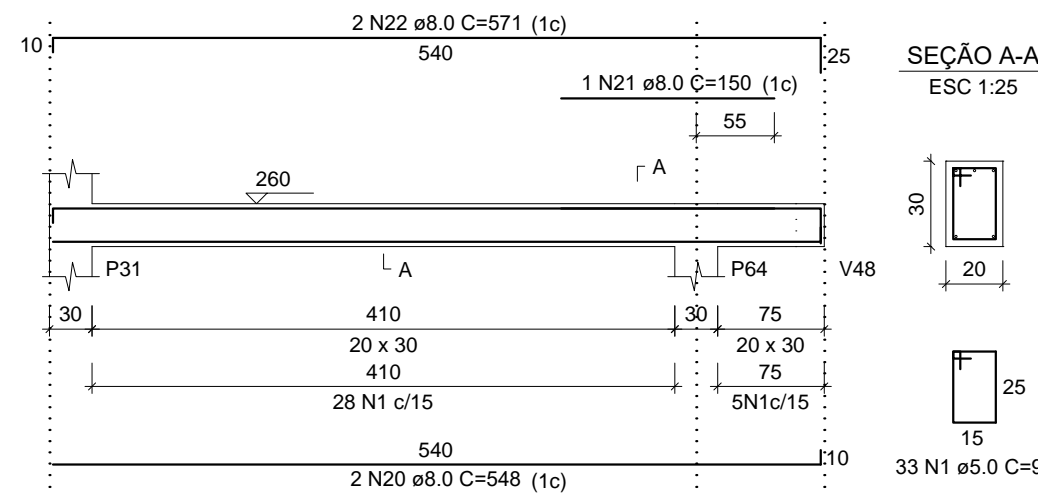
SEÇÃO A-A

ESC 1:25

15 N1 ø5.0 C=91

V50

ESC 1:50



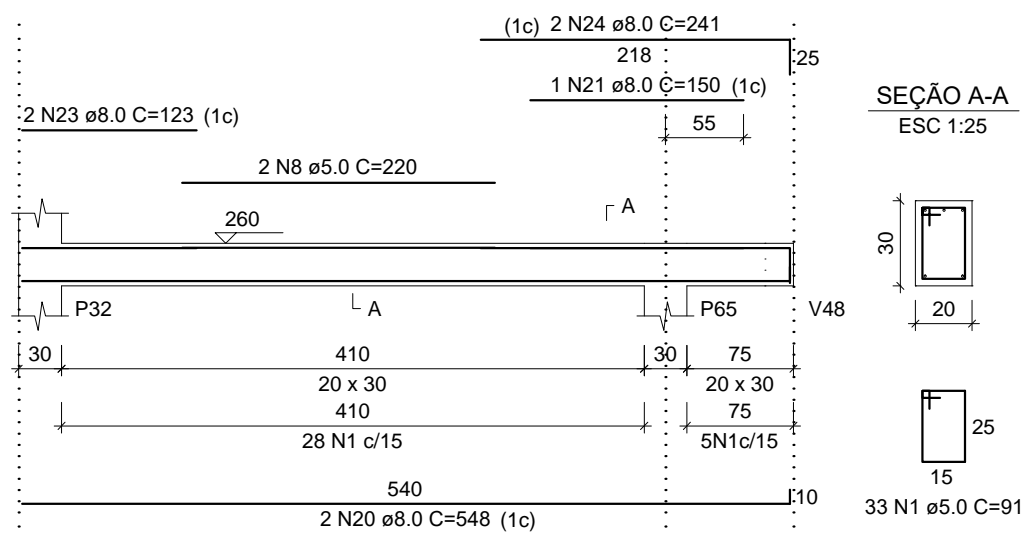
SEÇÃO A-A

ESC 1:25

33 N1 ø5.0 C=91

V51

ESC 1:50



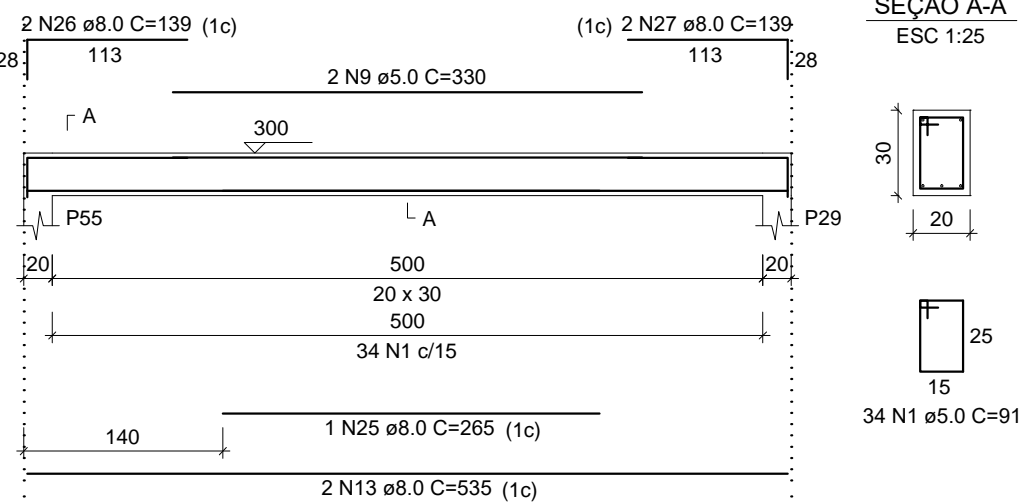
SEÇÃO A-A

ESC 1:25

33 N1 ø5.0 C=91

V52

ESC 1:50



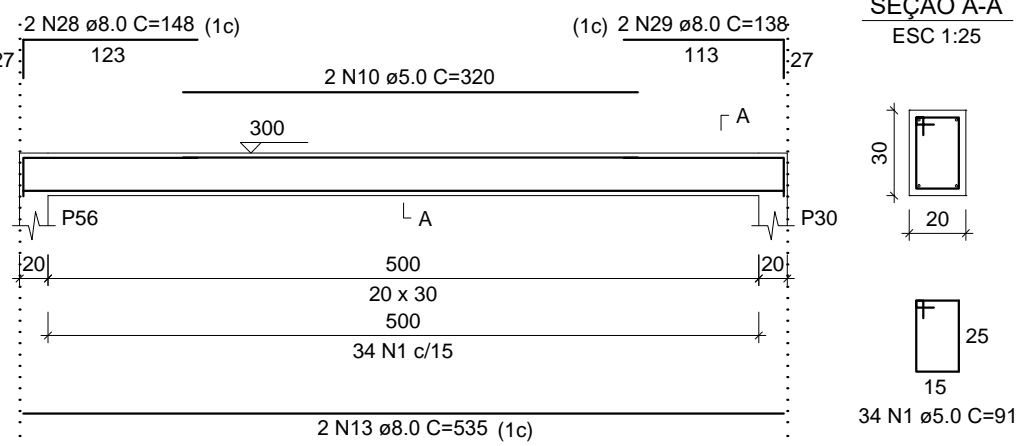
SEÇÃO A-A

ESC 1:25

34 N1 ø5.0 C=91

V53

ESC 1:50



SEÇÃO A-A

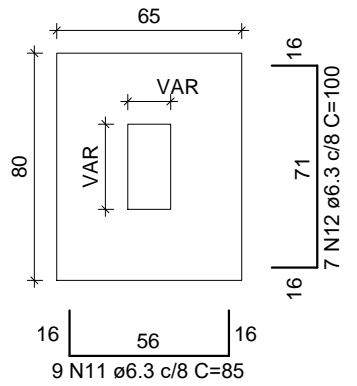
ESC 1:25

34 N1 ø5.0 C=91

S1=S5=S7=S8=S10=S11=S15=S17=S18=S20=S21
=S35=S45=S47=S61=S62

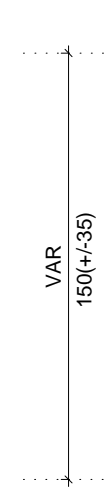
PLANTA

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

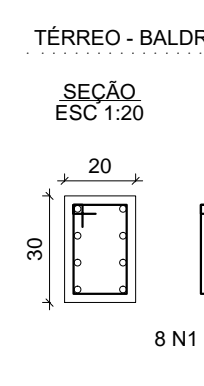


P1=P11=P20

TÉRREO - BALDRAME - L1

SEÇÃO

ESC 1:20



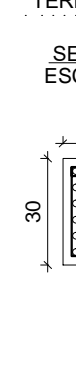
8 N1 ø5.0 C=91 2x2 N2 ø5.0 C=67

P17

TÉRREO - BALDRAME - L1

SEÇÃO

ESC 1:20



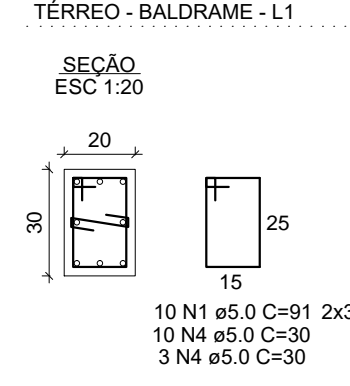
8 N5 ø5.0 C=81 2x2 N6 ø5.0 C=57

P7=P10=P18=P21=P47

TÉRREO - BALDRAME - L1

SEÇÃO

ESC 1:20

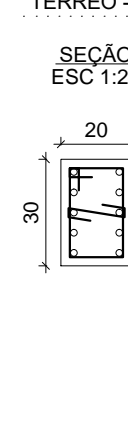
10 N1 ø5.0 C=91 2x3 N2 ø5.0 C=67
10 N4 ø5.0 C=30
3 N4 ø5.0 C=30

P5=P15

TÉRREO - BALDRAME - L1

SEÇÃO

ESC 1:20

8 N1 ø5.0 C=91 2x2 N2 ø5.0 C=67
8 N3 ø5.0 C=30
2 N3 ø5.0 C=30

P35

TÉRREO - BALDRAME - L1

SEÇÃO

ESC 1:20

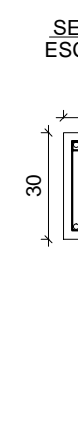
8 N1 ø5.0 C=91 2x2 N2 ø5.0 C=67
8 N3 ø5.0 C=30
2 N3 ø5.0 C=30

P45

TÉRREO - BALDRAME - L1

SEÇÃO

ESC 1:20



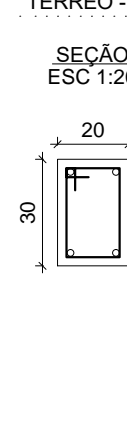
10 N5 ø5.0 C=81 2x3 N6 ø5.0 C=57

P8=P61

TÉRREO - BALDRAME - L1

SEÇÃO

ESC 1:20



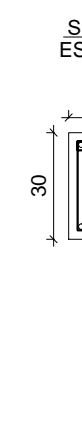
8 N1 ø5.0 C=91 2x2 N2 ø5.0 C=67

P62

TÉRREO - BALDRAME - L1

SEÇÃO

ESC 1:20



10 N1 ø5.0 C=91 2x3 N2 ø5.0 C=67

RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	352	91	32032
	2	5.0	68	67	4556
	3	5.0	30	30	900
	4	5.0	65	30	1950
	5	5.0	18	81	1458
	6	5.0	10	57	570
	7	5.0	2	250	500
	8	5.0	2	220	440
	9	5.0	2	330	660
	10	5.0	2	320	640
CA50	11	6.3	144	85	12240
	12	6.3	112	100	11200
	13	8.0	8	535	4280
	14	8.0	2	585	1170
	15	8.0	2	199	398
	16	8.0	2	158	316
	17	8.0	4	250	1000
	18	8.0	2	295	592
	19	8.0	2	300	600
	20	8.0	4	548	2192
	21	8.0	2	150	300
	22	8.0	2	571	1142
	23	8.0	2	123	246
	24	8.0	2	241	482
	25	8.0	1	265	265
	26	8.0	2	139	278
	27	8.0	2	138	276
	28	8.0	2	148	296
	29	8.0	2	138	276
	30	10.0	48	202	9696
	31	12.5	70	210	14700

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	234.4	63.1
	8.0	141.1	61.2
	10.0	97	65.8
	12.5	147	155.8
CA60	5.0	437.1	74.1
PESO TOTAL (kg)			
CA50	345.9		
CA60	74.1		

Volume de concreto (C-25) = 5.73 m³
Área de forma = 65.38 m²PREFEITURA MUNICIPAL
DE GRÃO MOGOL/MG

OBRA/SERVIÇO:

CONSTRUÇÃO - ESCOLA MUNICIPAL AFRÂNIO AUGUSTO FIGUEIREDO (ANEXO I)

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE GRÃO MOGOL/MG

DIEGO ANTÔNIO BRAGA FAGUNDES
PREFEITO MUNICIPAL

ENDEREÇO: RUA PRINCIPAL S/N - DISTRITO DE BARROCO - GRÃO MOGOL/MG

PROJETO: PROJETO ESTRUTURAL

RESPONSÁVEL TÉCNICO:

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

ÁREAS:

ÁREA TERRENO..... 4.741,96m²
ÁREA TOTAL CONSTRUÇÃO..... 507,24m²

NÚMERO ART:

MG 2022 150 2900

NÚMERO CONTRATO:

DATA:

SETEMBRO/2022

ESCALA:

INDICADA