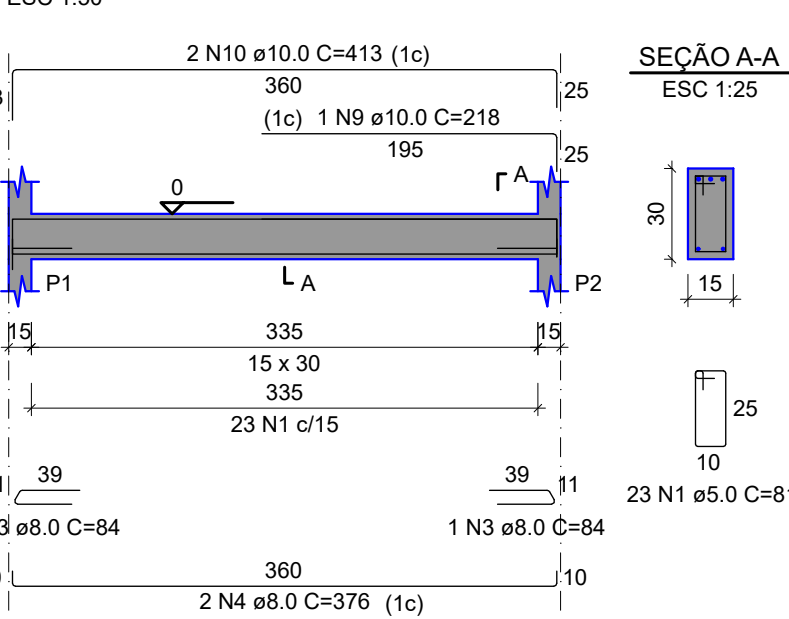
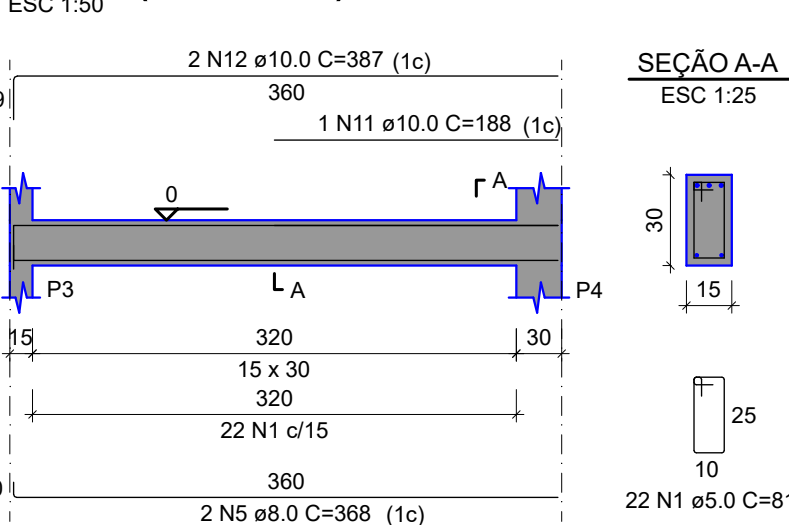


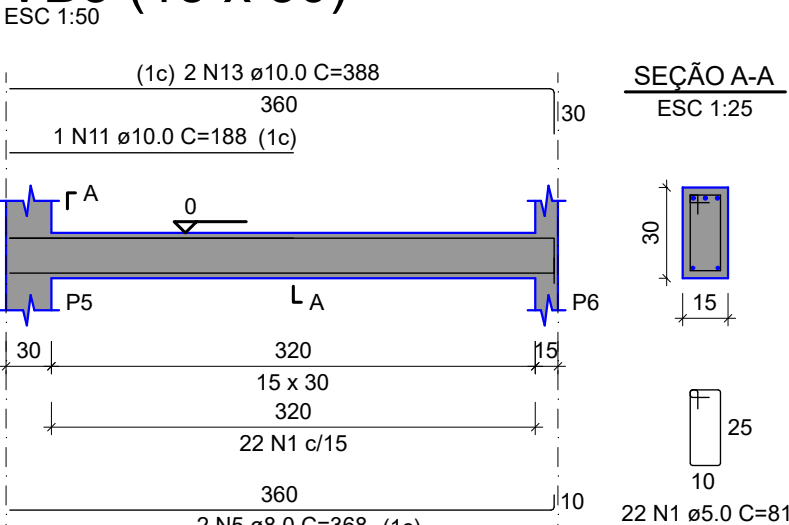
VB1 (15 x 30)



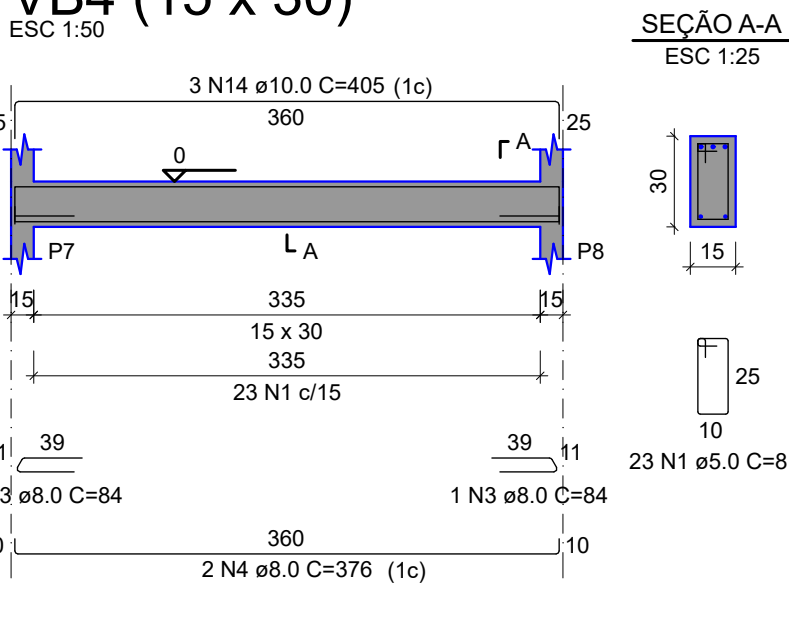
VB2 (15 x 30)



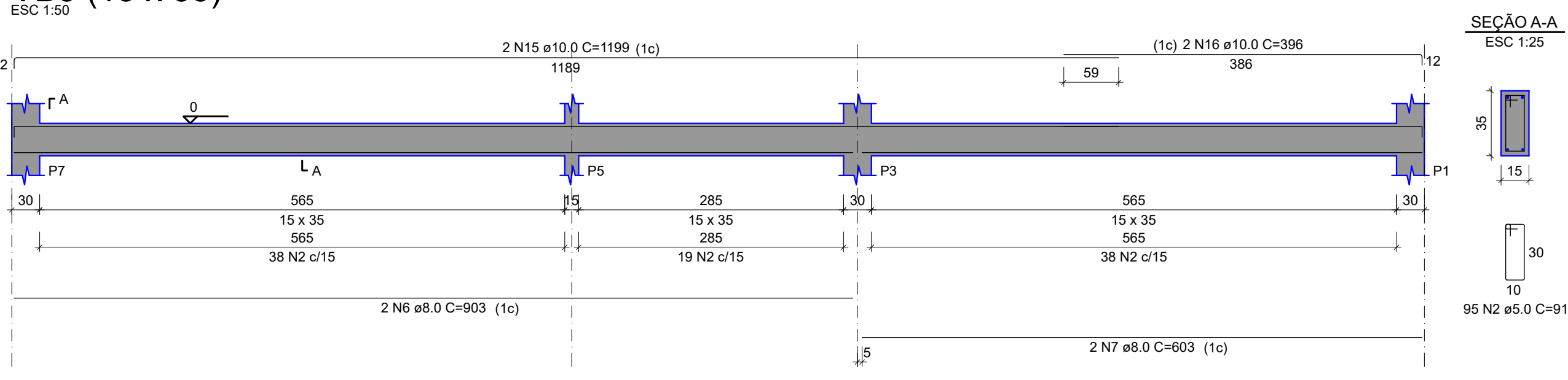
VB3 (15 x 30)



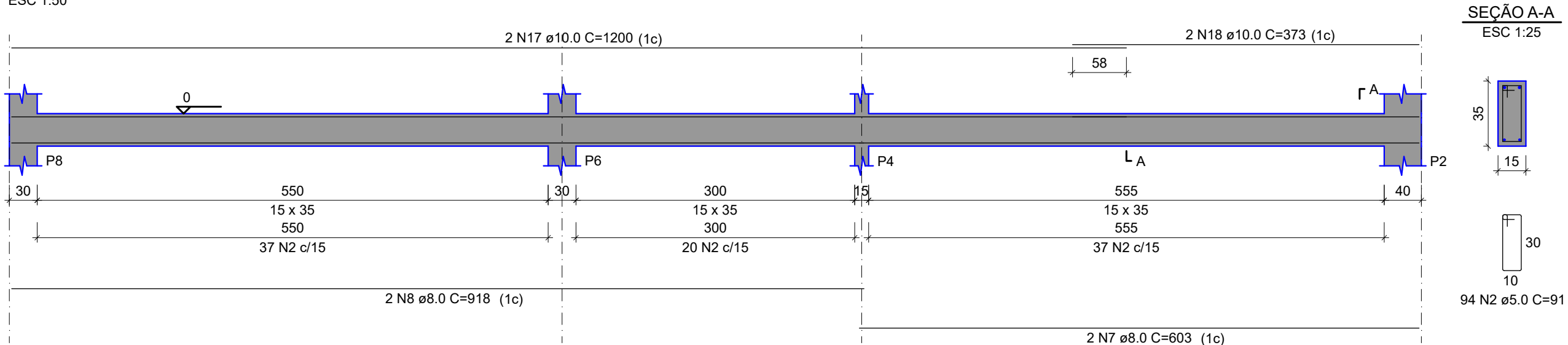
VB4 (15 x 30)



VB5 (15 x 35)



VB6 (15 x 35)



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	90	81	7290
CA50	2	5.0	189	91	17199
	3	8.0	4	84	336
	4	8.0	4	376	1504
	5	8.0	4	368	1472
	6	8.0	2	903	1806
	7	8.0	4	603	2412
	8	8.0	2	918	1836
	9	10.0	1	218	218
	10	10.0	2	413	826
	11	10.0	2	188	376
	12	10.0	2	387	774
	13	10.0	2	388	776
	14	10.0	3	405	1215
	15	10.0	2	1189	2378
	16	10.0	2	396	792
	17	10.0	2	1200	2400
	18	10.0	2	373	746

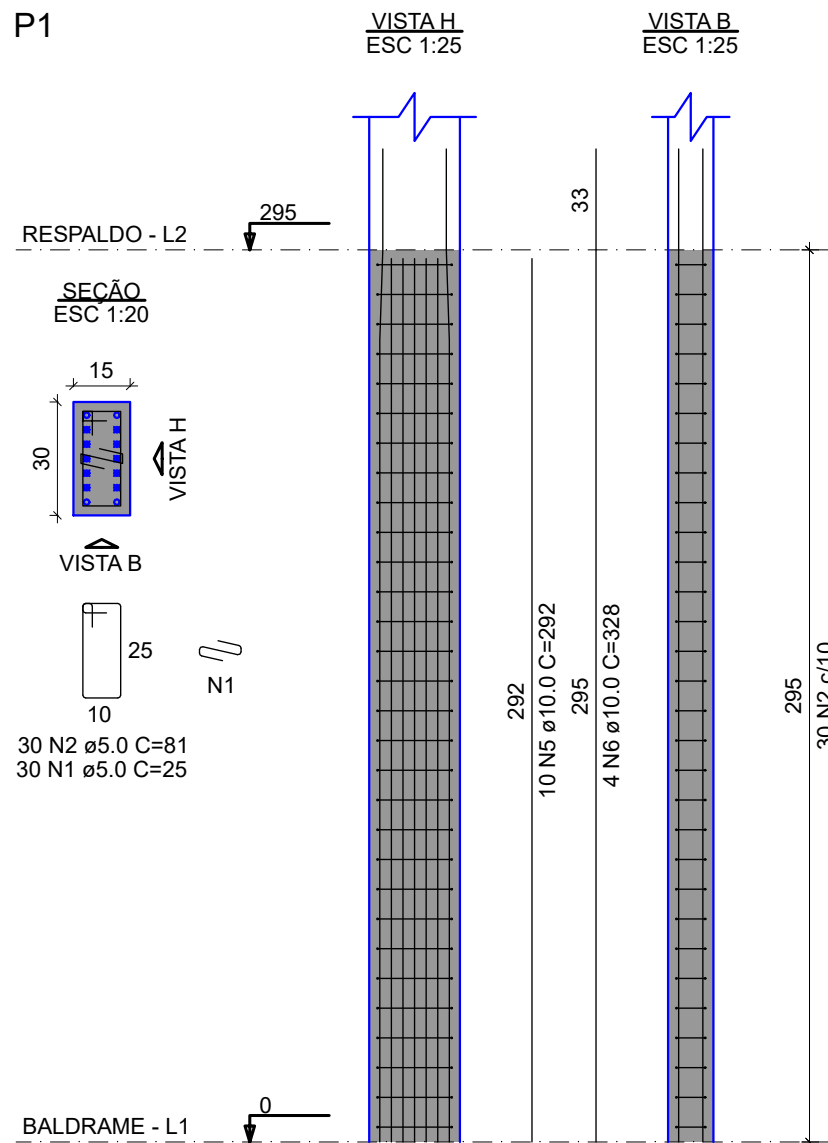
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	93.7	9	40.7
CA60	10.0	105.2	10	71.4
CA60	5.0	244.9	-	41.5

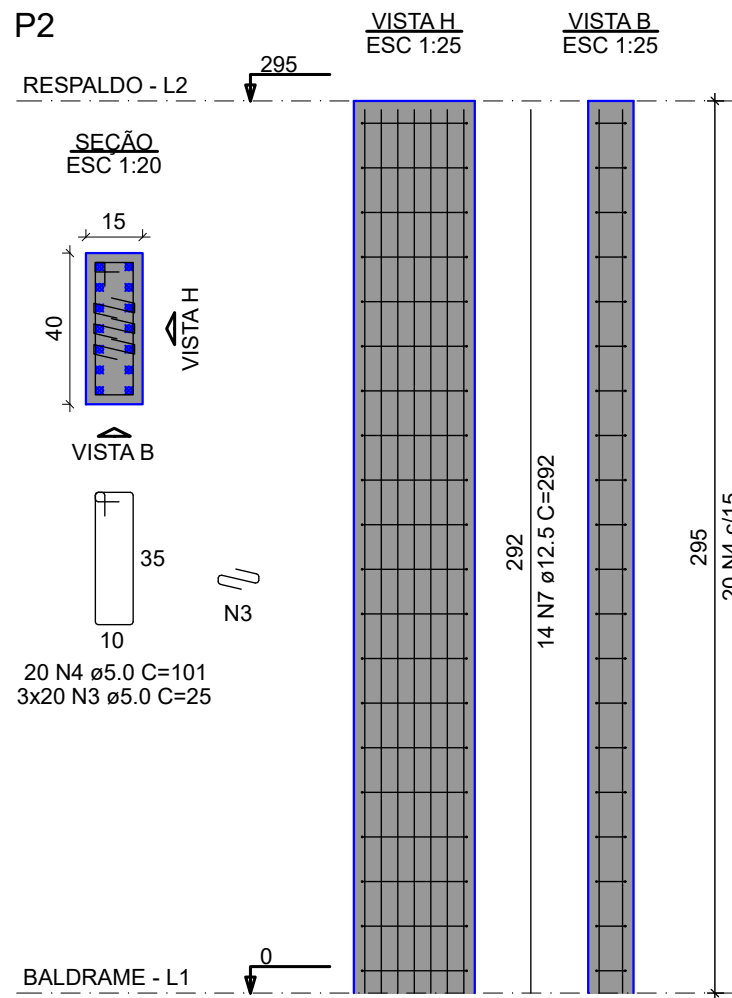
PESO TOTAL (kg)
CA50 112
CA60 41.5

Volume de concreto (C-30) = 2.25 m³
Área de forma = 36.79 m²

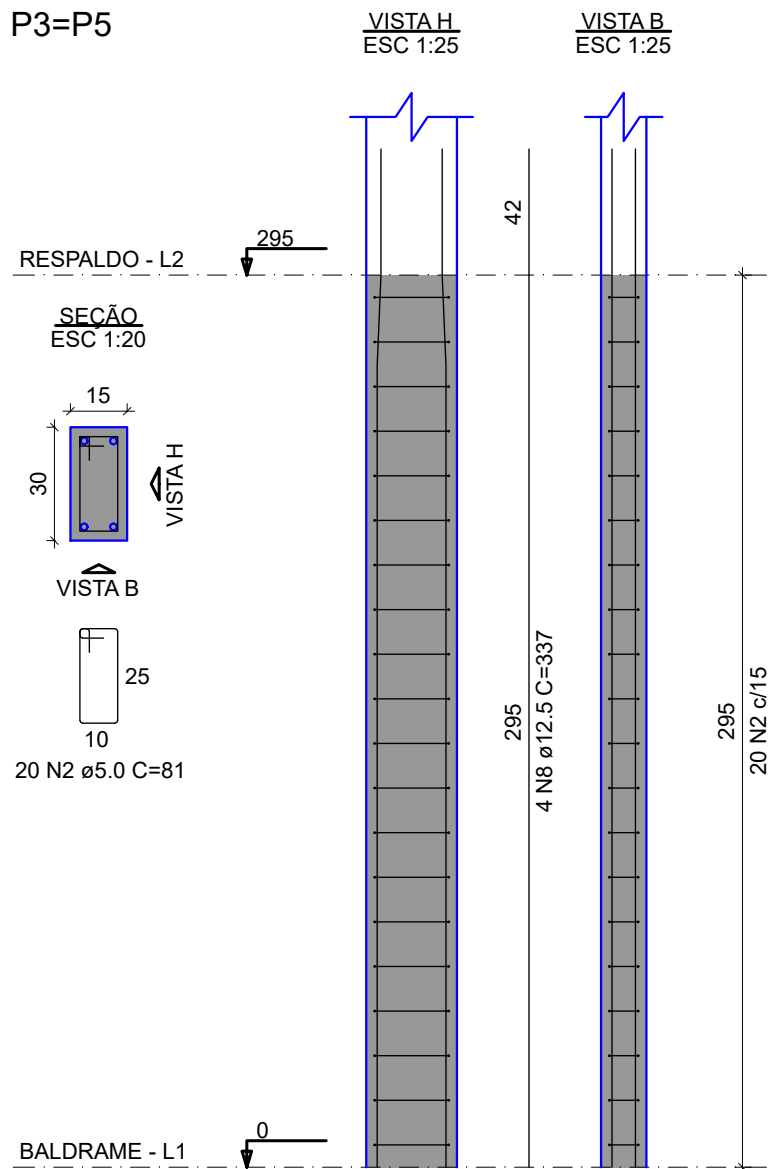
P1



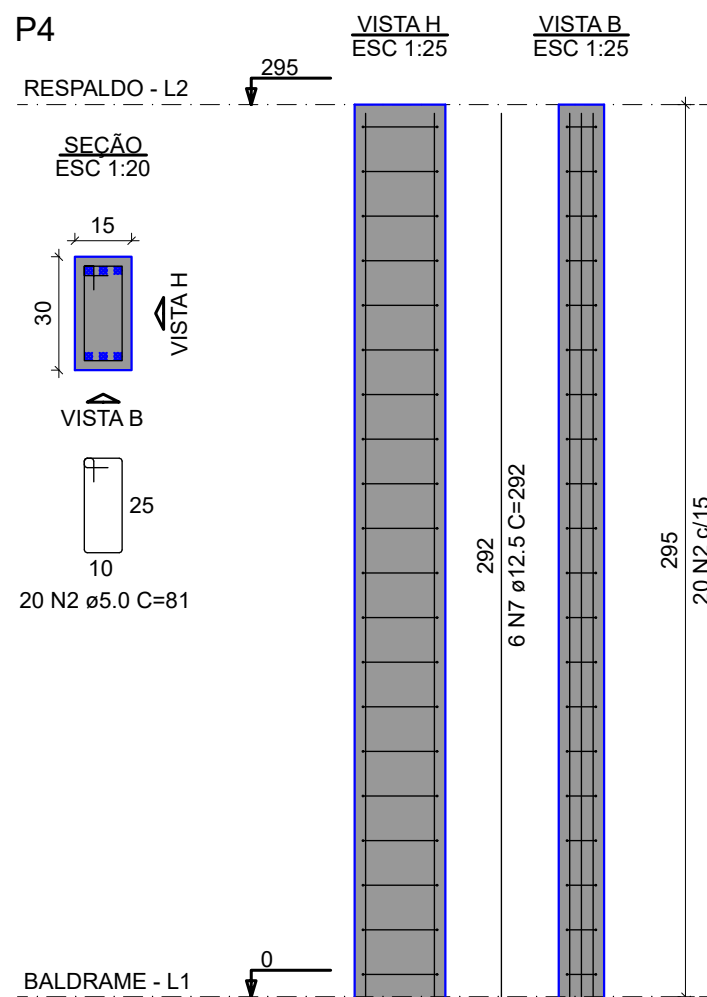
P2



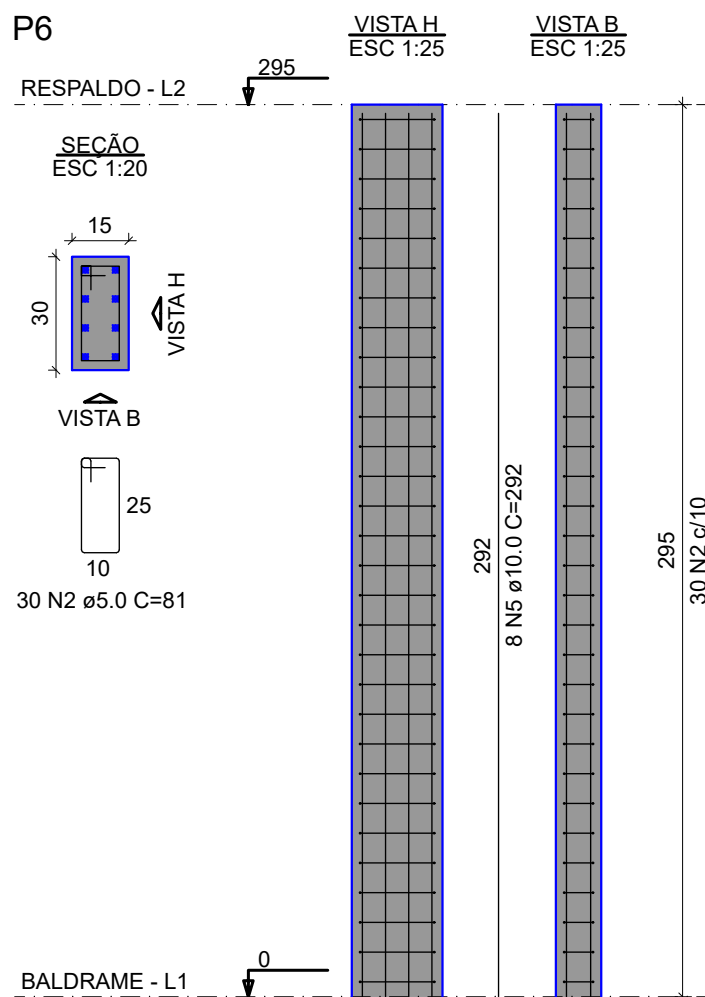
P3=P5



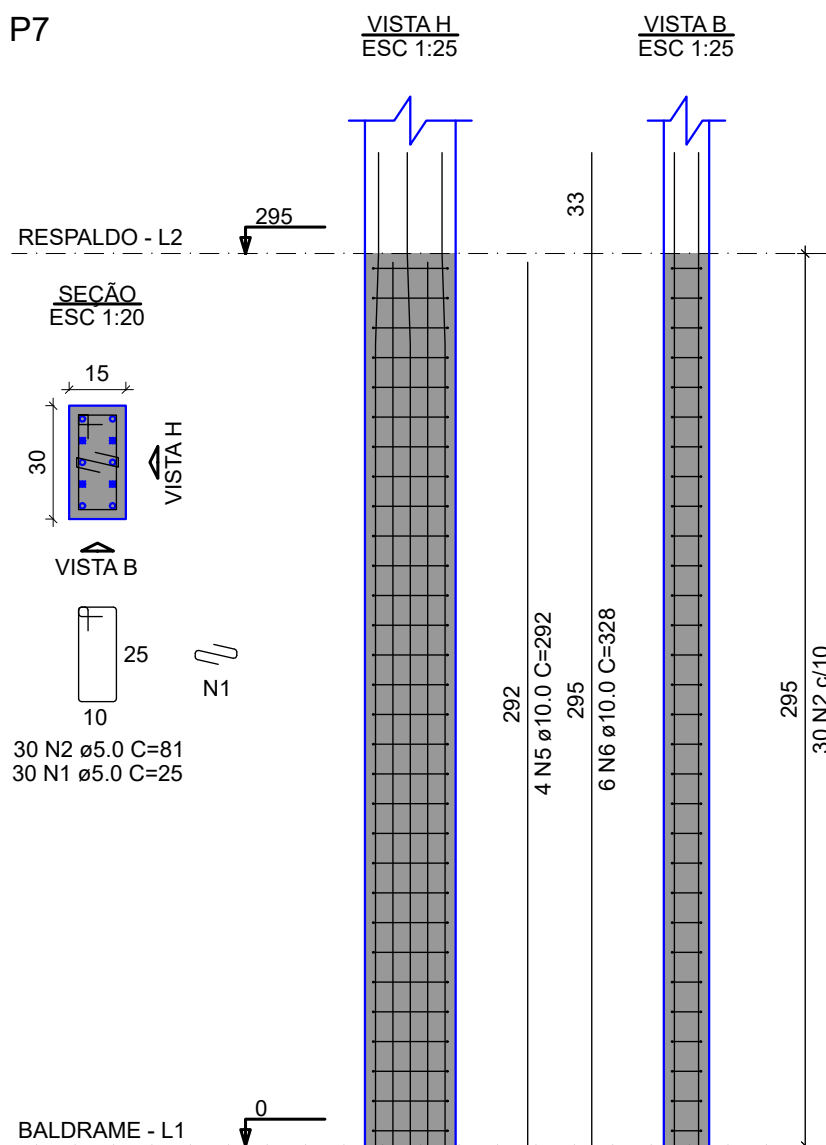
P4



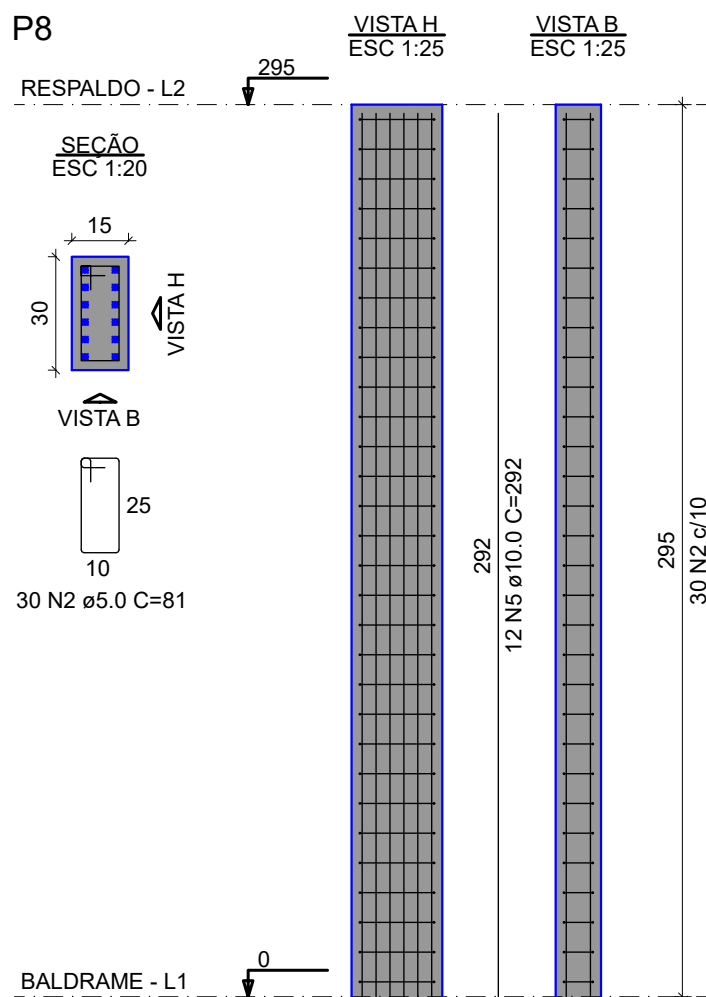
P6



P7



P8



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	60	25	1500
	2	5.0	180	81	14580
	3	5.0	60	25	1500
	4	5.0	20	101	2020
CA50	5	10.0	34	292	9928
	6	10.0	10	328	3280
	7	12.5	20	292	5840
	8	12.5	8	337	2696

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	10.0	132.1	13	89.6
CA60	12.5	85.4	8	90.5
CA60	5.0	196	-	33.2

PESO TOTAL (kg)
CA50 180
CA60 33.2

Volume de concreto (C-30) = 1.11 m³
Área de forma = 21.83 m²



Prefeitura Municipal de Sorriso
ESTADO DE MATO GROSSO
Gestão 2021/2024

PROJETO:

ESCOLA MUNICIPAL
GENTE SABIDA (FLOR DO CERRADO)

DETALHES:

ESTRUTURAL BANHEIROS QUADRA POLIESPORTIVA
DETALHAMENTO DE VIGAS BALDRAME E PILARES

OBRAS:

ESCOLA MUNICIPAL GENTE SABIDA (FLOR DO CERRADO)

LOCAL:

RUA JOSÉ DE ALENCAR
EQUIPAMENTO COMUNITARIO 03, QUADRA 17, ÁREA MUNICIPAL
BAIRRO FLOR DO CERRADO, SORRISO - MT.

AUTOR DO PROJETO:

DENISE SANTOS SERPA
Engenheira Civil
CREA - 1017369844

ÁREAS:

DATA:

FEVEREIRO/2022

ESCALA:

INDICADAS

VISTO:

EDNILSON DE LIMA OLIVEIRA
SECRETARIO DA CIDADE

PROPRIETÁRIO:

Prefeitura Municipal de Sorriso
CNPJ: 03.239.076/0001-62

DESENHO:

03/05