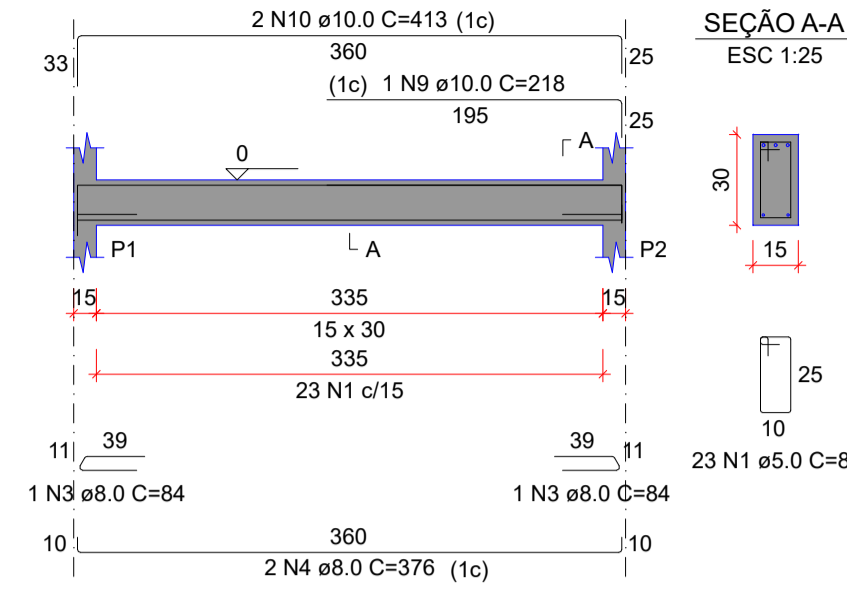
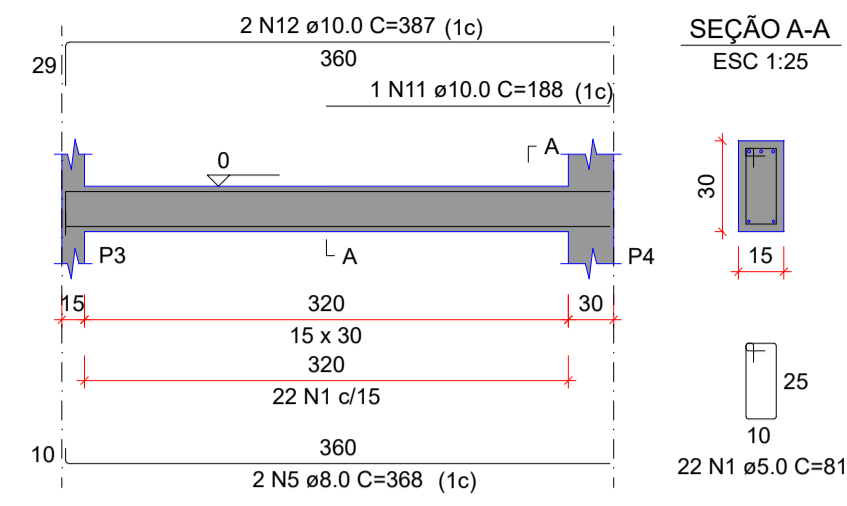


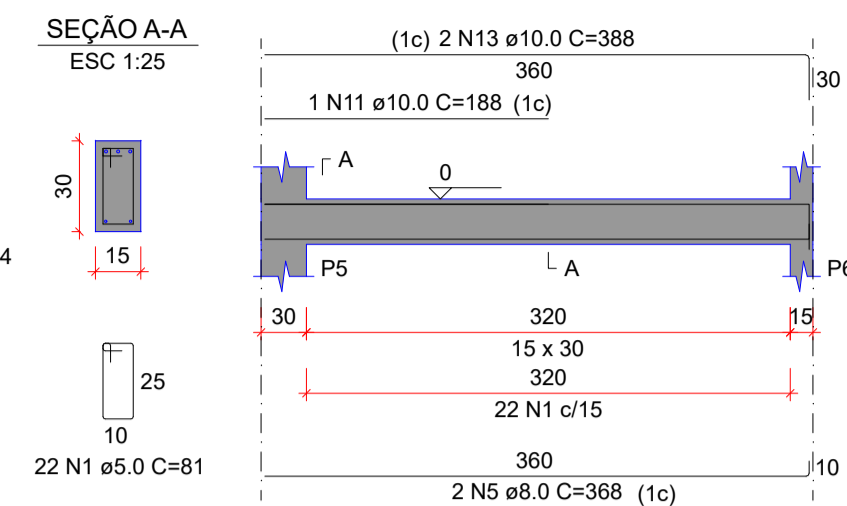
VB1 (15 x 30)
ESC 1:50



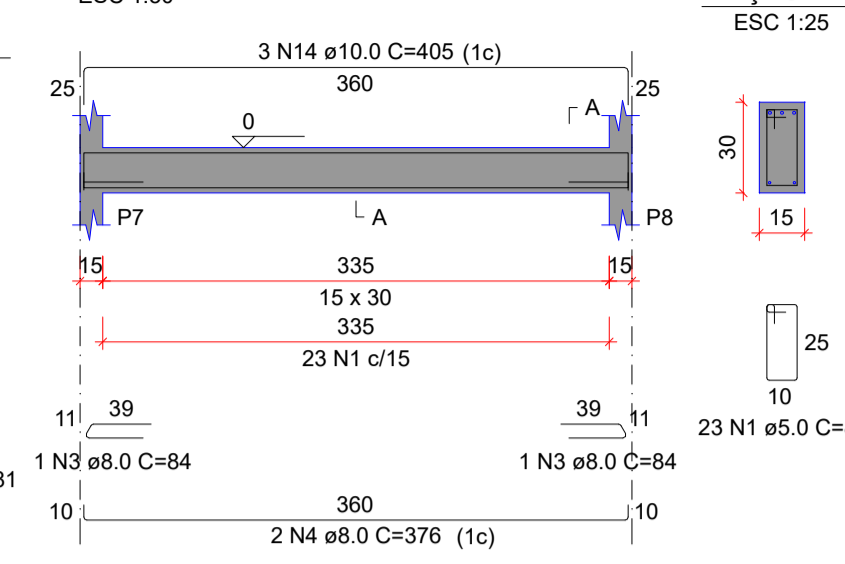
VB2 (15 x 30)
ESC 1:50



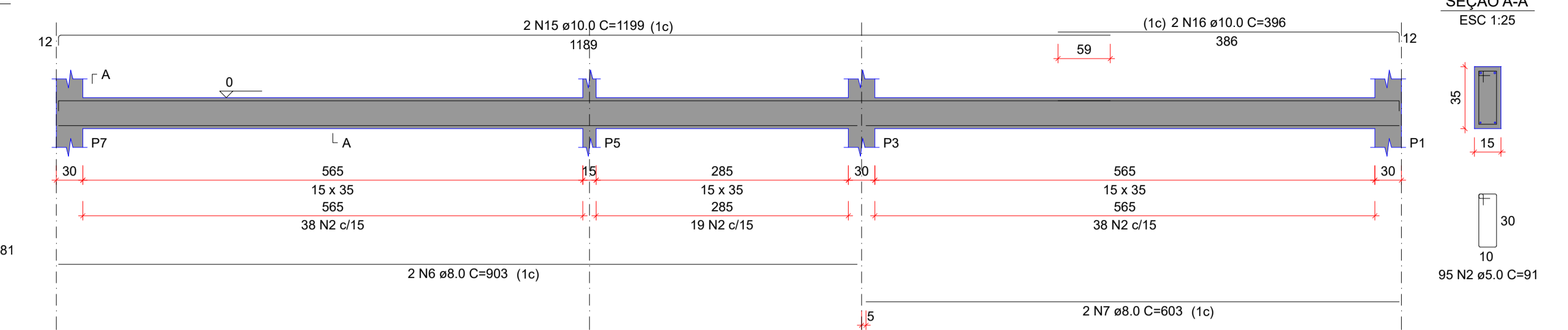
VB3 (15 x 30)
ESC 1:50



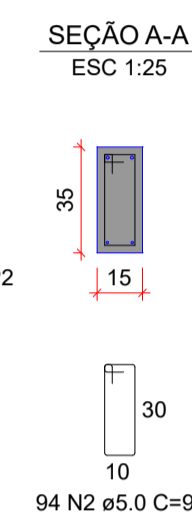
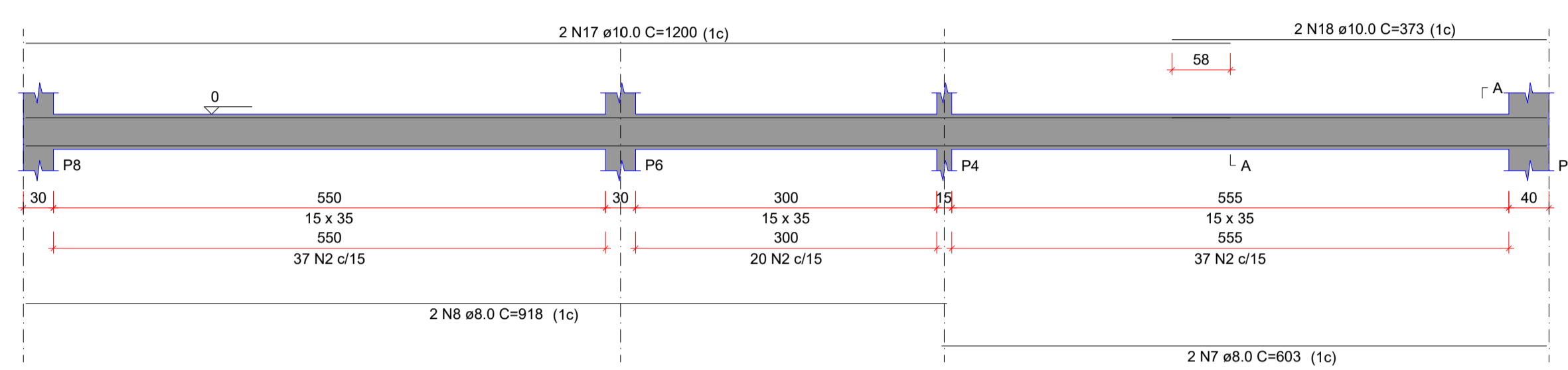
VB4 (15 x 30)
ESC 1:50



VB5 (15 x 35)
ESC 1:50



VB6 (15 x 35)
ESC 1:50



RELAÇÃO DO AÇO

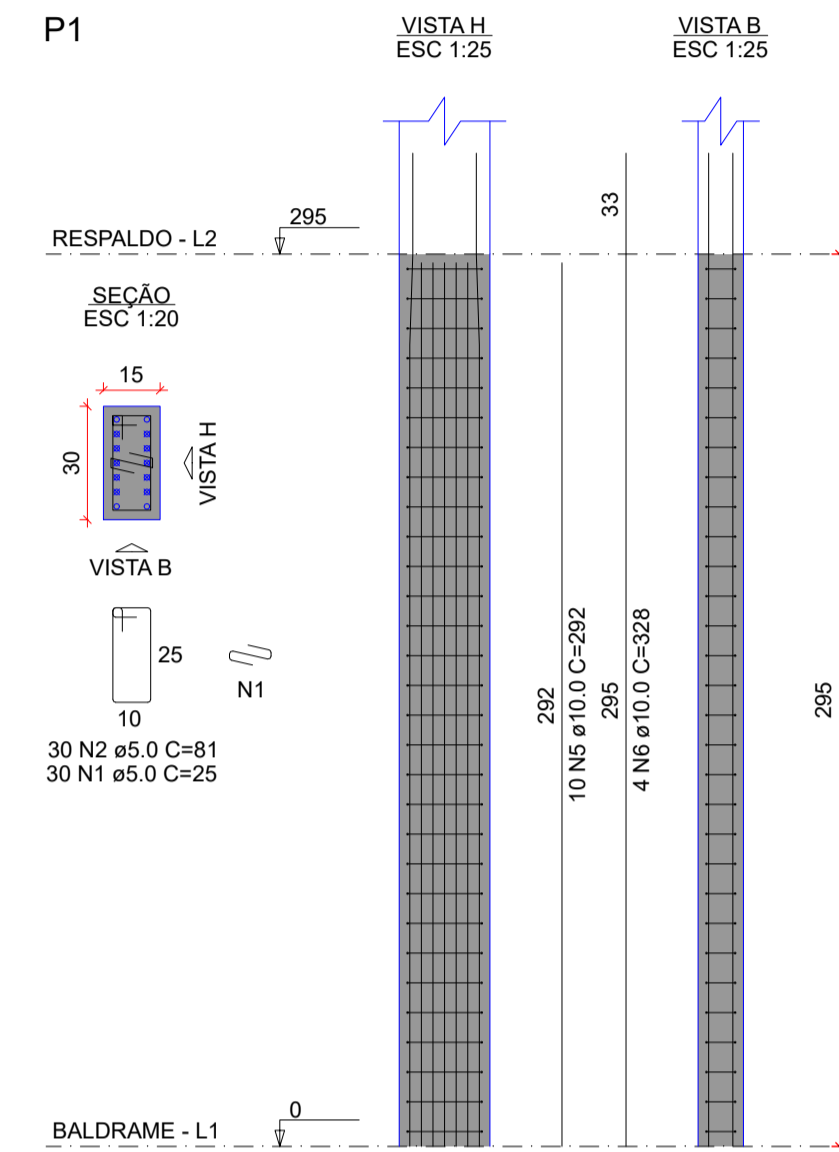
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	90	81	7290
CA50	2	5.0	189	91	17199
	3	8.0	4	84	336
	4	8.0	4	376	1504
	5	8.0	4	368	1472
	6	8.0	2	903	1806
	7	8.0	4	603	2412
	8	8.0	2	918	1836
	9	10.0	1	218	218
	10	10.0	2	413	826
	11	10.0	2	188	376
	12	10.0	2	387	774
	13	10.0	2	388	776
	14	10.0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

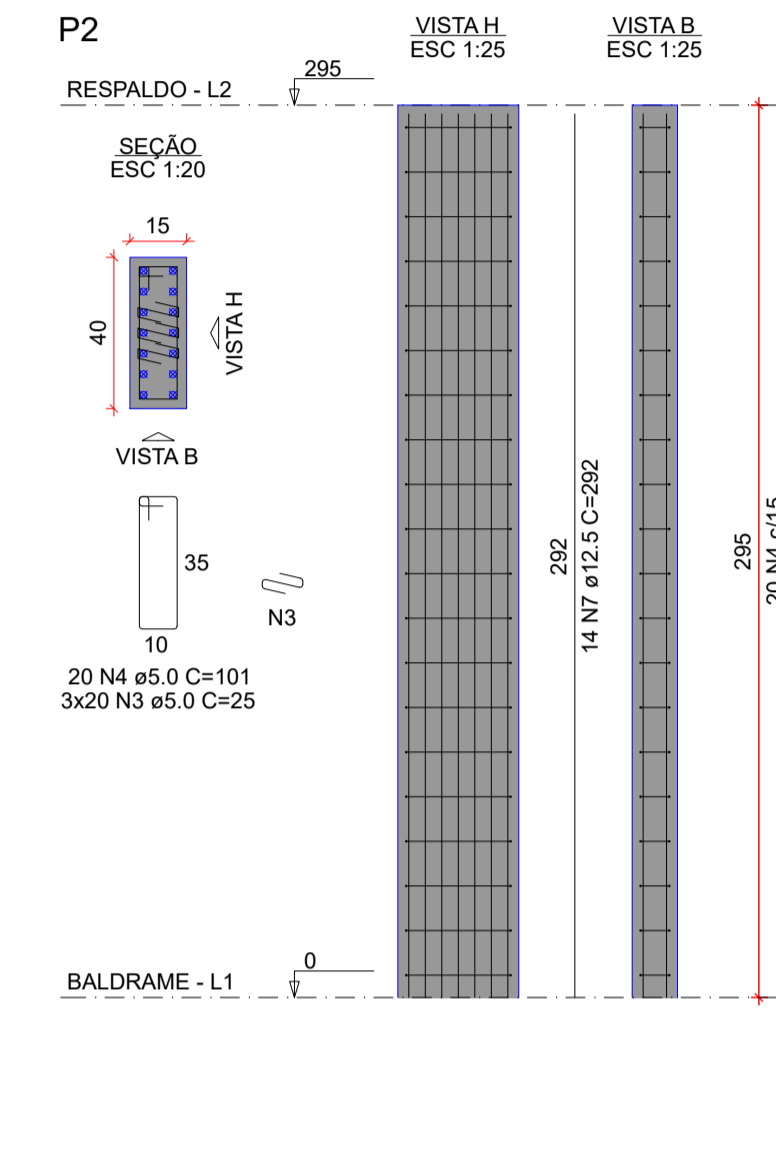
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	93.7	9	40.7
CA60	10.0	105.2	10	71.4
CA60	5.0	244.9	-	41.5
PESO TOTAL (kg)				
CA50				112
CA60				41.5

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

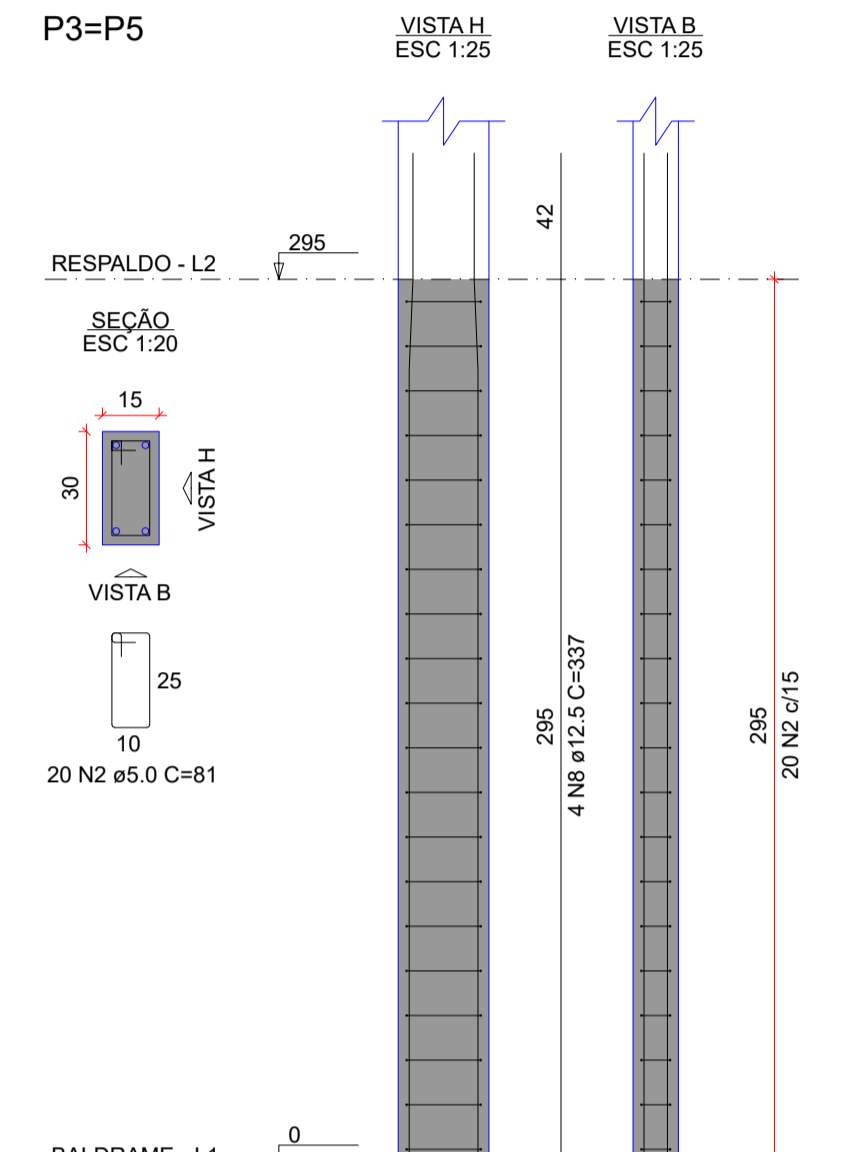
P1



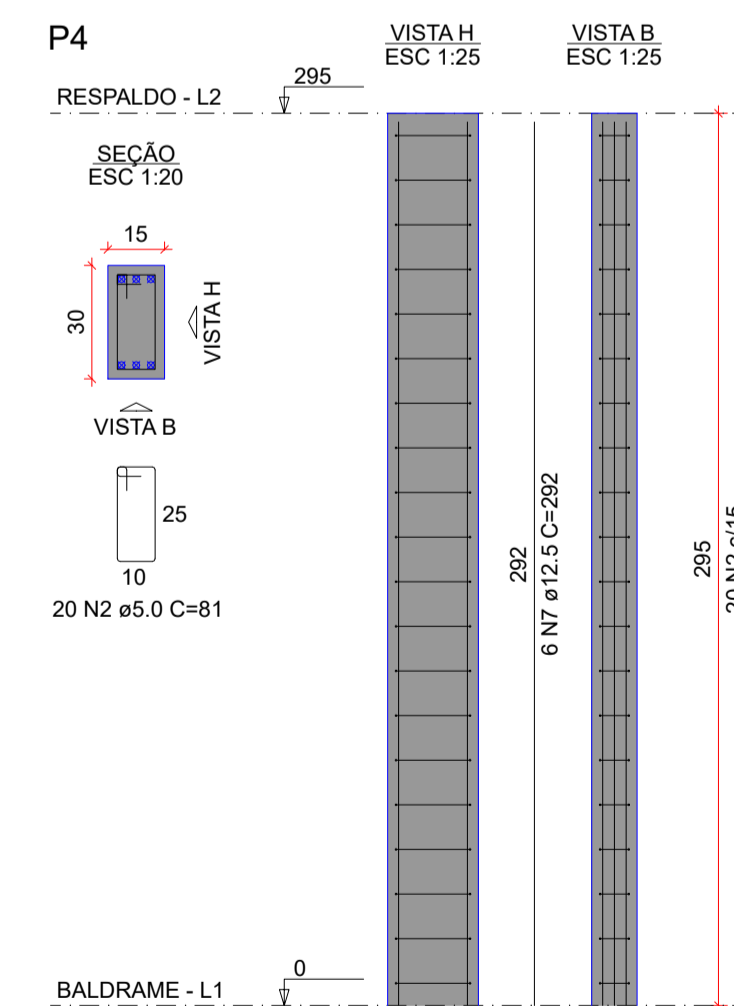
P2



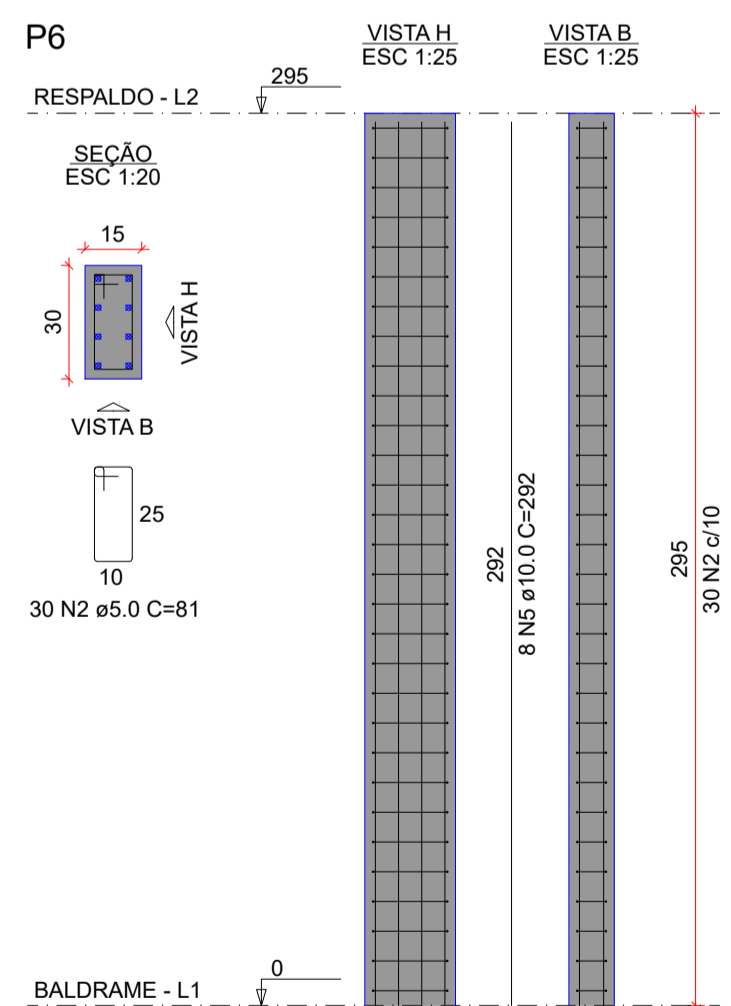
P3=P5



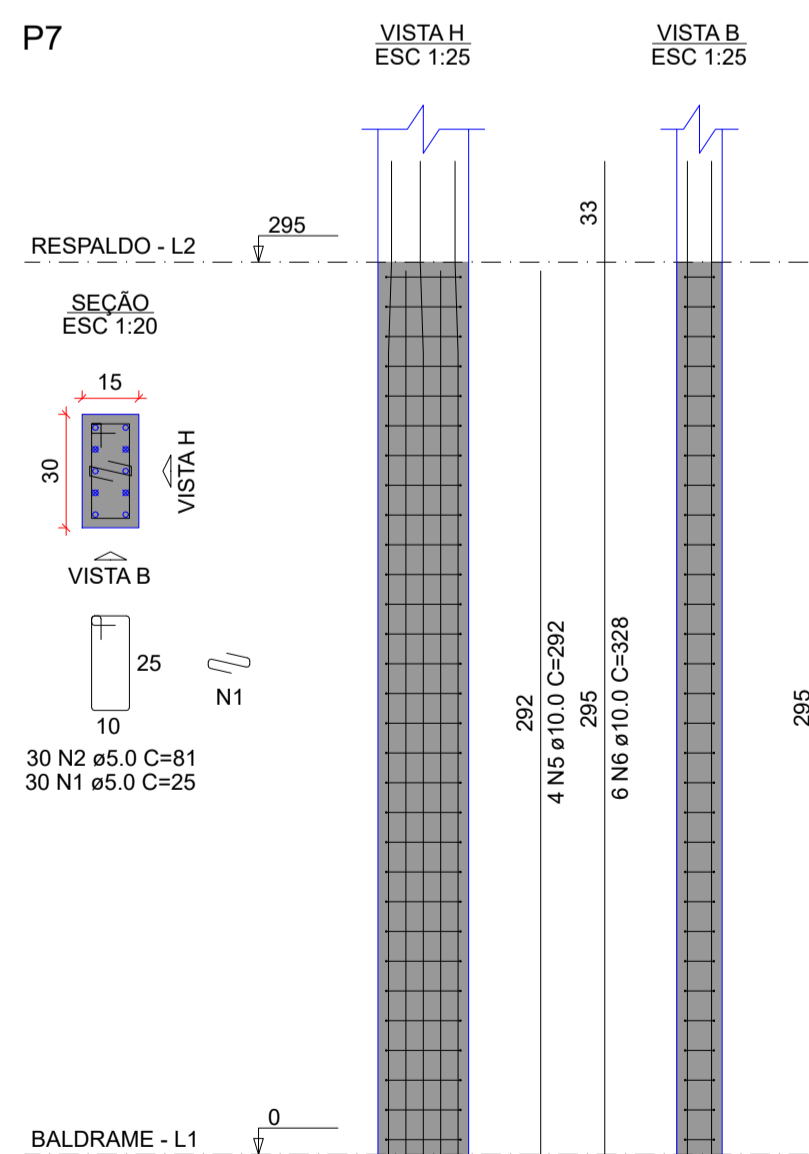
P4



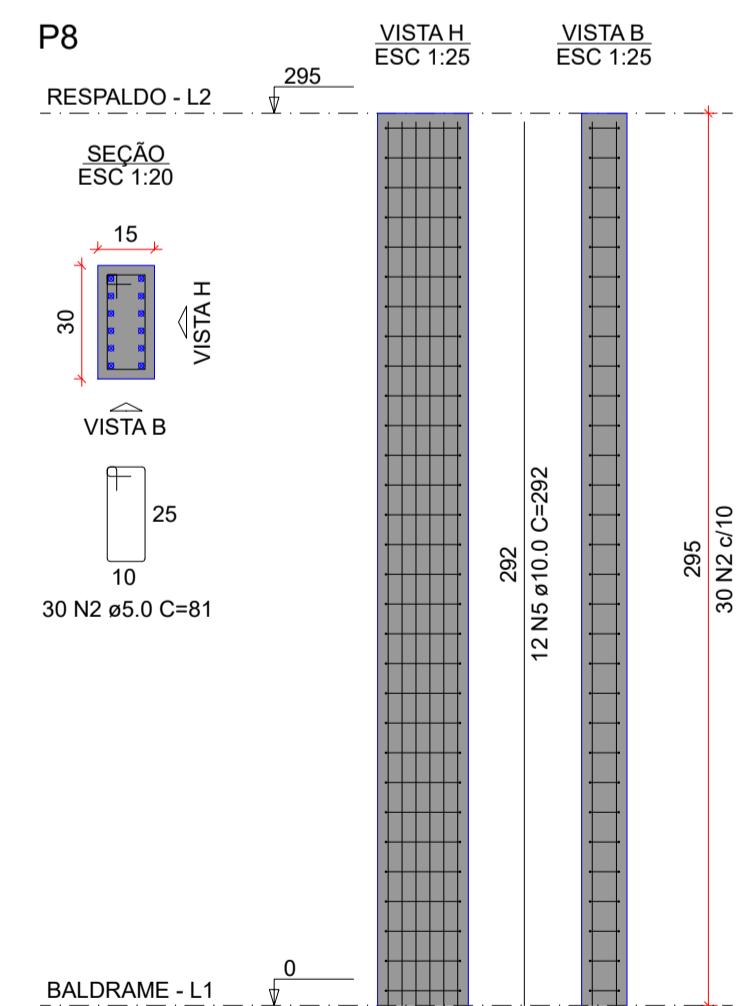
P6



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	86.4	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

CARIMBOS:



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

PROJETO:

ESCOLA MUNICIPAL SANTA MARIA

DETALHES:

**ESTRUTURAL BANHEIROS QUADRA POLIESPORTIVA
DETALHAMENTO DE VIGAS BALDRAME E PILARES**

OBRAS:

ESCOLA MUNICIPAL SANTA MARIA

FOLHA:

03/05

LOCAL:

PROJEÇÃO DA AVENIDA ARAGUAIA
GLEBA - RESERVA ESCOLAR, ÁREA MUNICIPAL
BAIRRO SANTA MARIA, SORRISO - MT.

AUTOR DO PROJETO:

CAMILA DIEI BOBRZYK
Engenheira Civil
CREA - MT023305

VISTO:

EDNILSON DE LIMA OLIVEIRA
SECRETÁRIO DA CIDADE

ÁREAS:

PROPRIETÁRIO:

Prefeitura Municipal de Sorriso
CNPJ: 03.239.076/0001-62

DATA:

MAIO/2022

ESCALA:

INDICADAS

DESENHO: