

**Relação do aço**

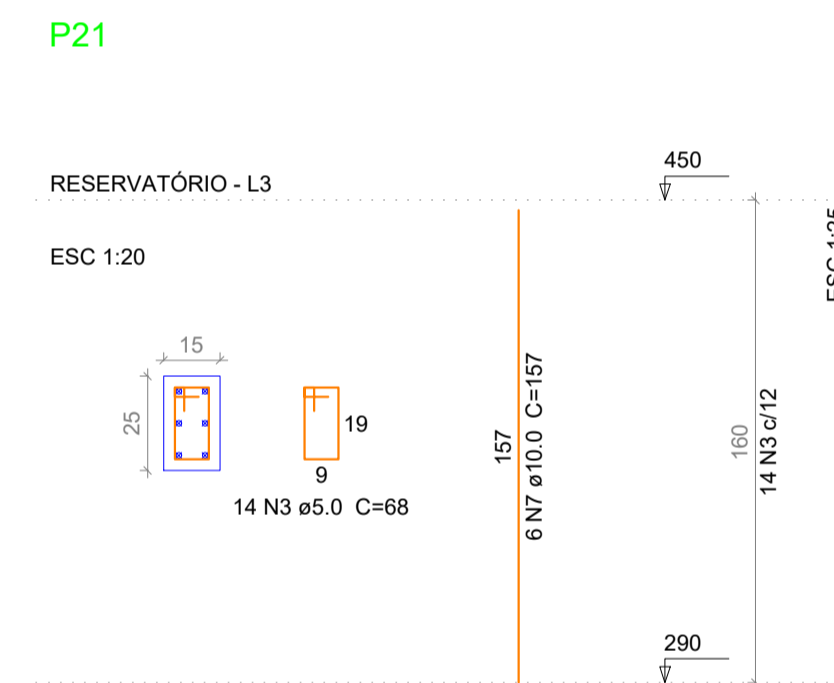
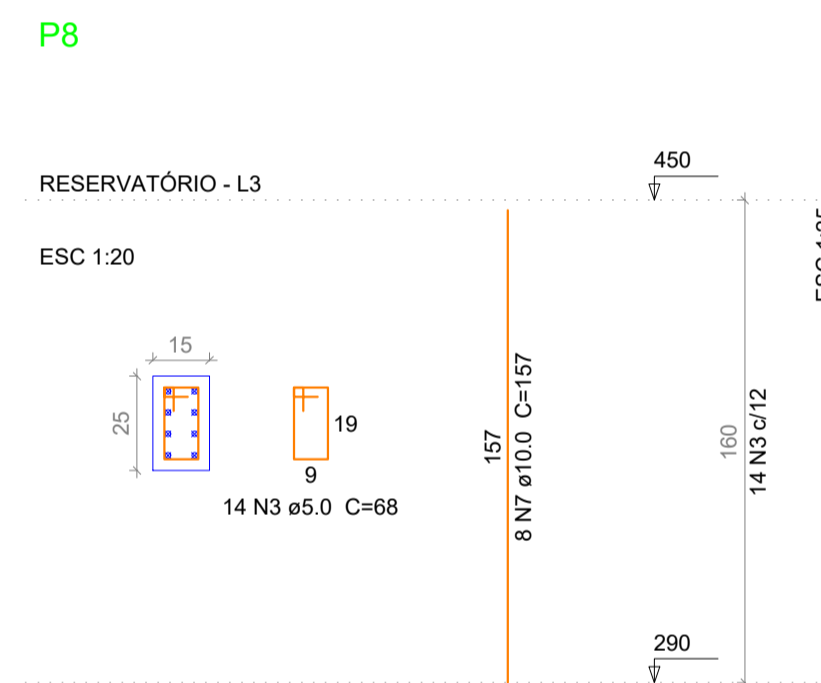
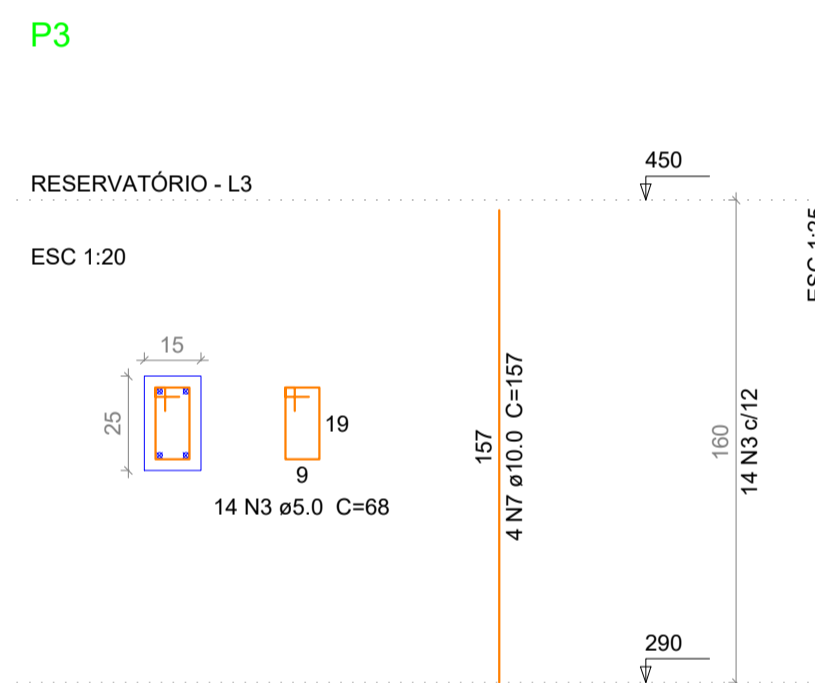
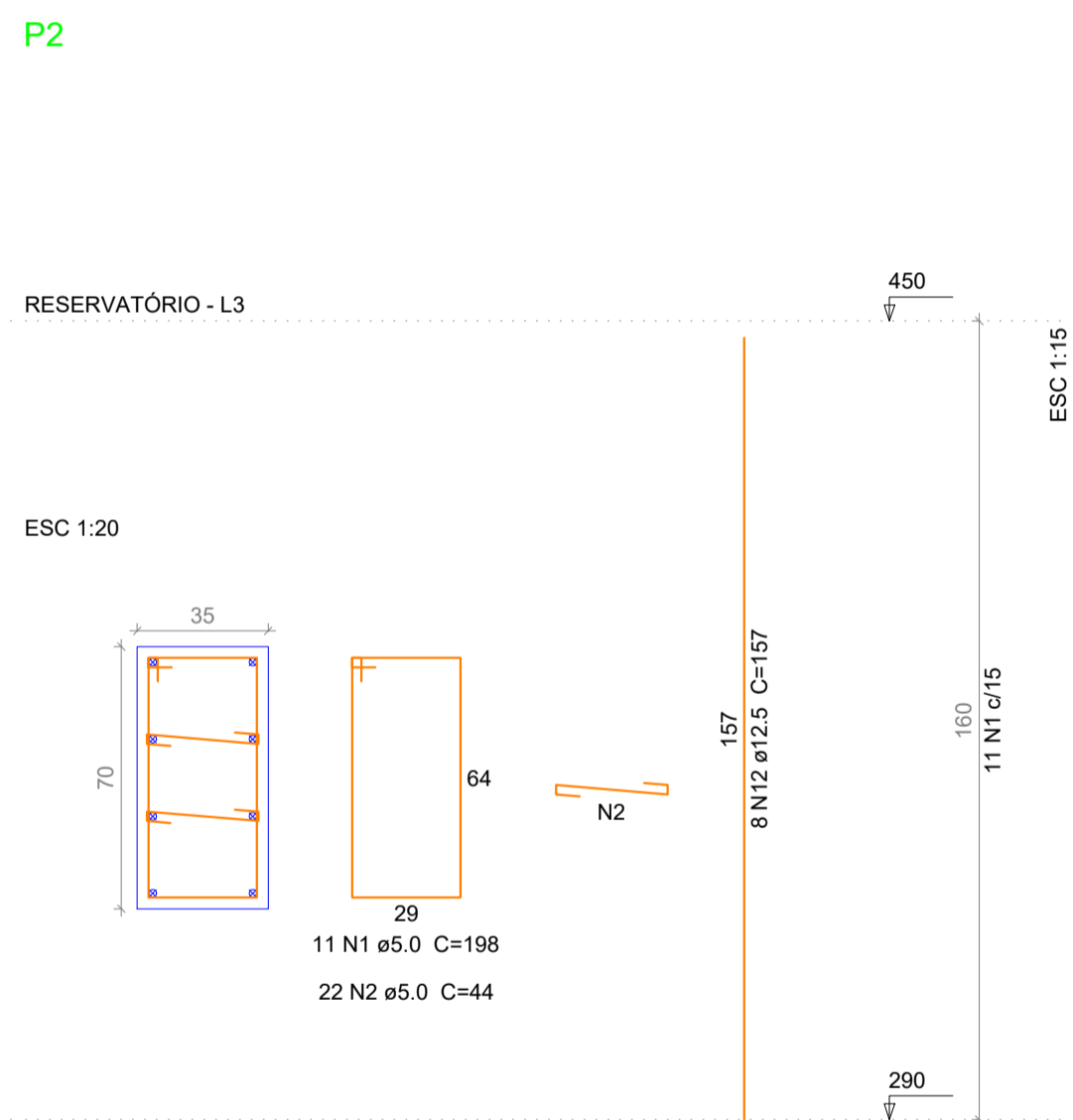
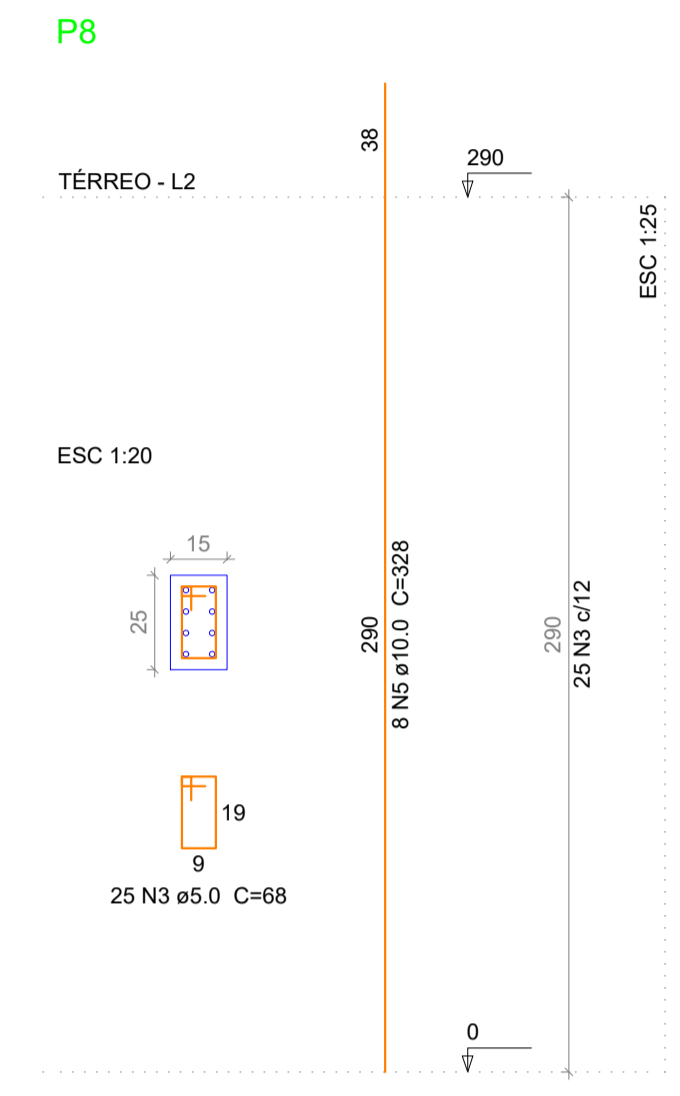
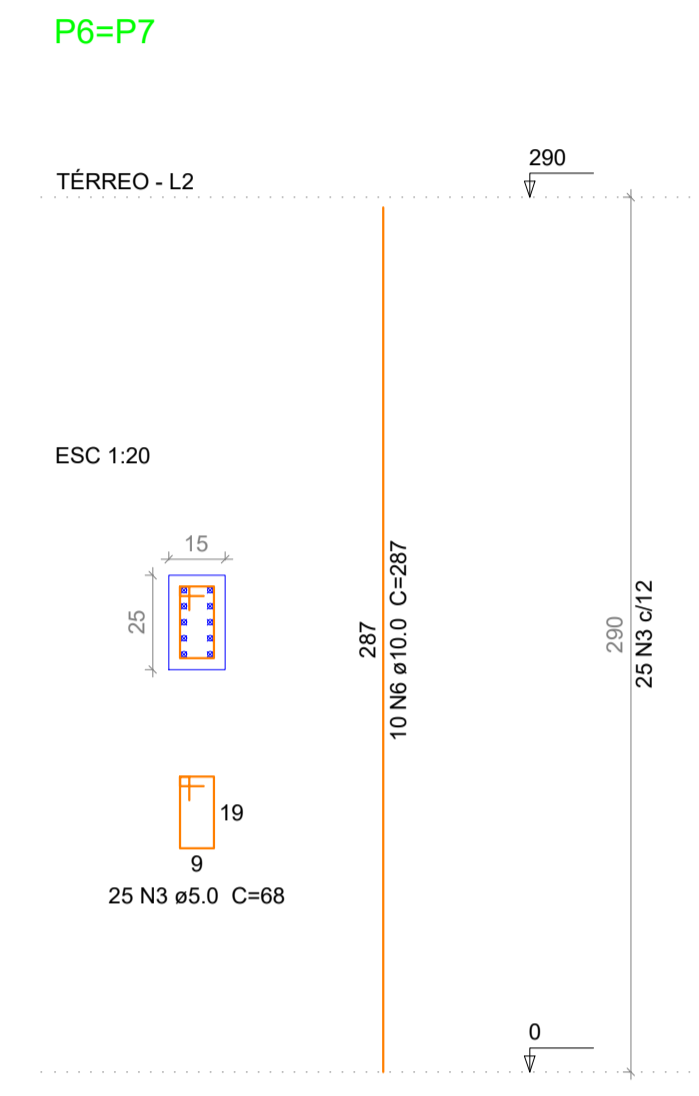
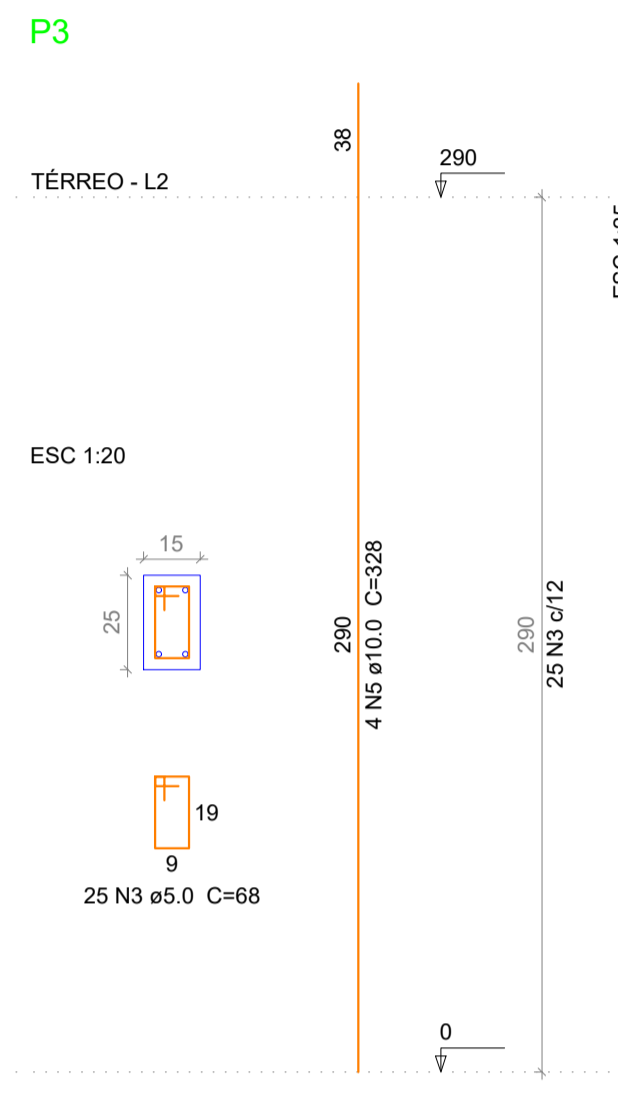
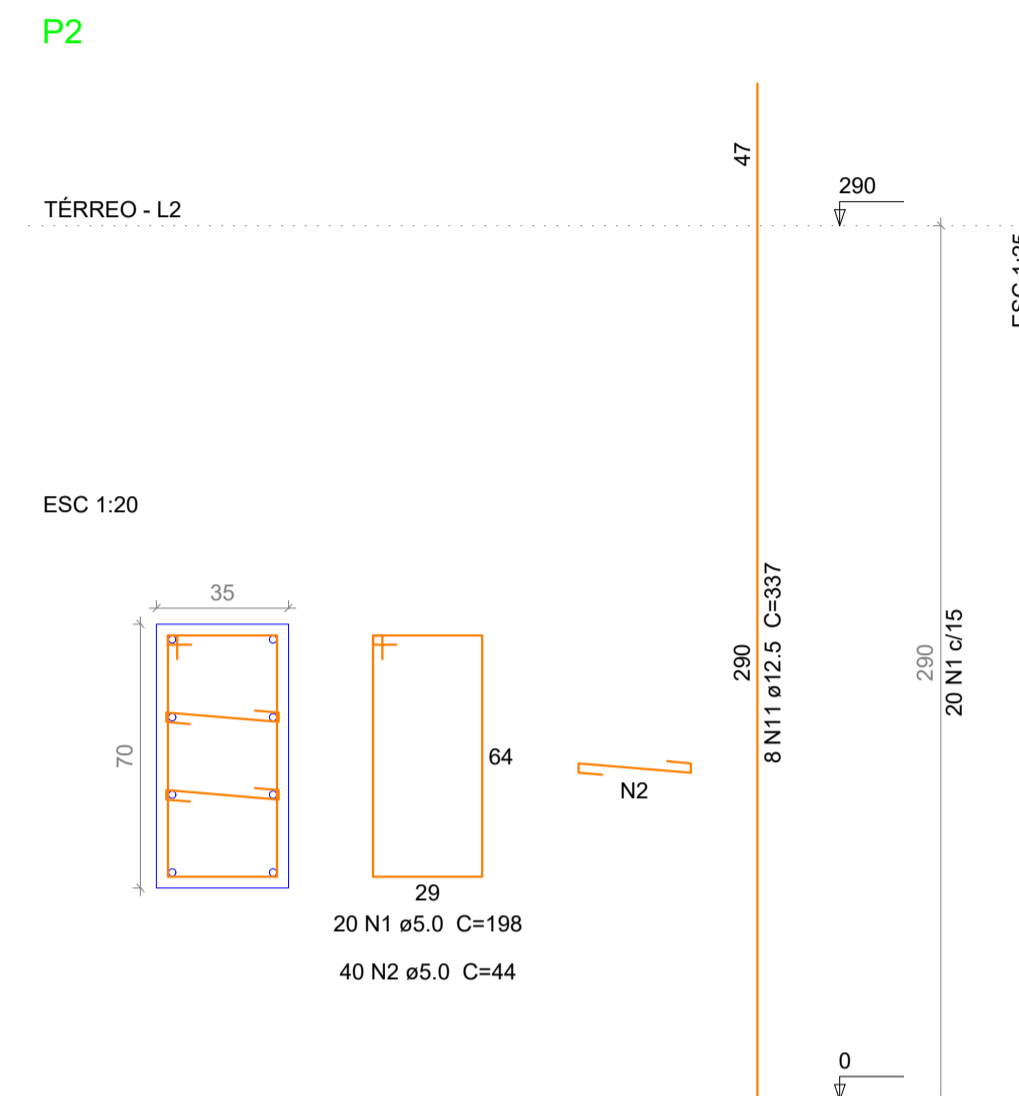
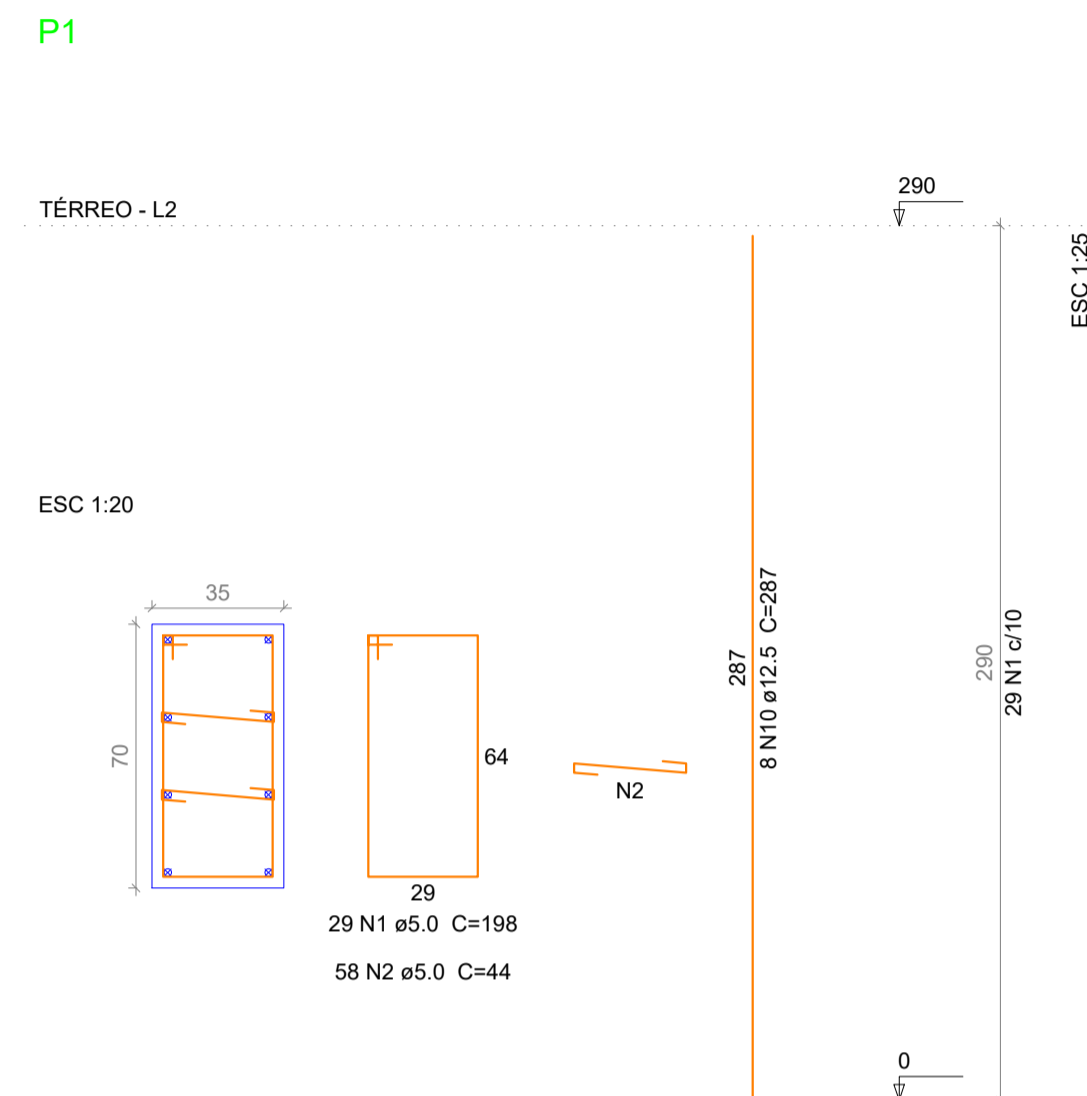
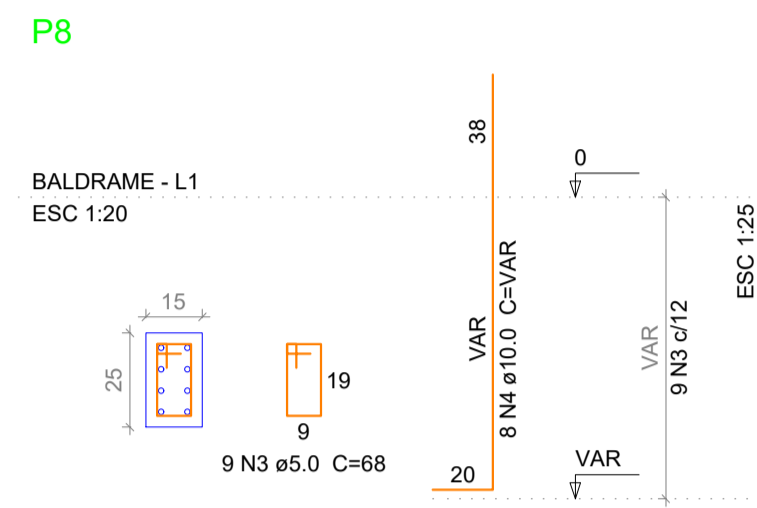
Baldrame:	P1	P2
	P3	14xP4
Reservatório:	P2	P8
	P6	P21
Térreo:	P1	P2
	P3	2xP6
	P8	

AÇO	N	DIAM	Q	UNIT	C.TOTAL
CA60	1	5.0	175	198	34650
	2	5.0	350	44	15400
	3	5.0	178	68	12104
CA50	4	10.0	32	VAR	VAR
	5	10.0	12	328	3936
	6	10.0	20	287	5740
	7	10.0	18	157	2826
	8	12.5	16	VAR	VAR
	9	12.5	112	VAR	VAR
	10	12.5	8	287	2296
	11	12.5	8	337	2696
	12	12.5	8	157	1256

**Resumo do aço**

AÇO	DIAM	C.TOTAL	PESO + 10 %
		(m)	(kg)
CA50	10.0	175	118.6
CA60	12.5	216.4	229.3
CA60	5.0	621.6	105.4
PESO TOTAL			
CA50		348	
CA60		105.4	

Vol. de concreto total (C-25) = 6.5 m³  
Área de forma total = 65.46 m²



**Detalhamento da Ferragem dos Pilares**  
Escala indicada



APROVAÇÃO:

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PROPRIETÁRIO: PREFEITURA MUNICIPAL DE BOM JESUS DO OESTE  
PREFEITO: RONALDO LUIZ SENER

RESP. TÉCNICO: DAVID LUIZ KREUZ  
CREA-SC: 163389-2

OBRA: PAVILHÃO INDUSTRIAL - 07

PROJETO: PROJETO ESTRUTURAL

DESCRIÇÃO: DETALHAMENTO FERRAGEM PILARES

CIDADE: BOM JESUS DO OESTE

ENDEREÇO: LINHA FLOR DA SERRA - SC 160

SEÇÃO: SEÇÃO BARRA SUJA

PART. DO LOTE RURAL Nº: 29

PRANCHA: E3/5

ÍNDICE DE APROVEITAMENTO: 1,86%

TAXA DE OCUPAÇÃO: 1,86%

DATA: 02/09/2019

ESCALA: INDICADA

ÁREA TOTAL: 375,00 M²