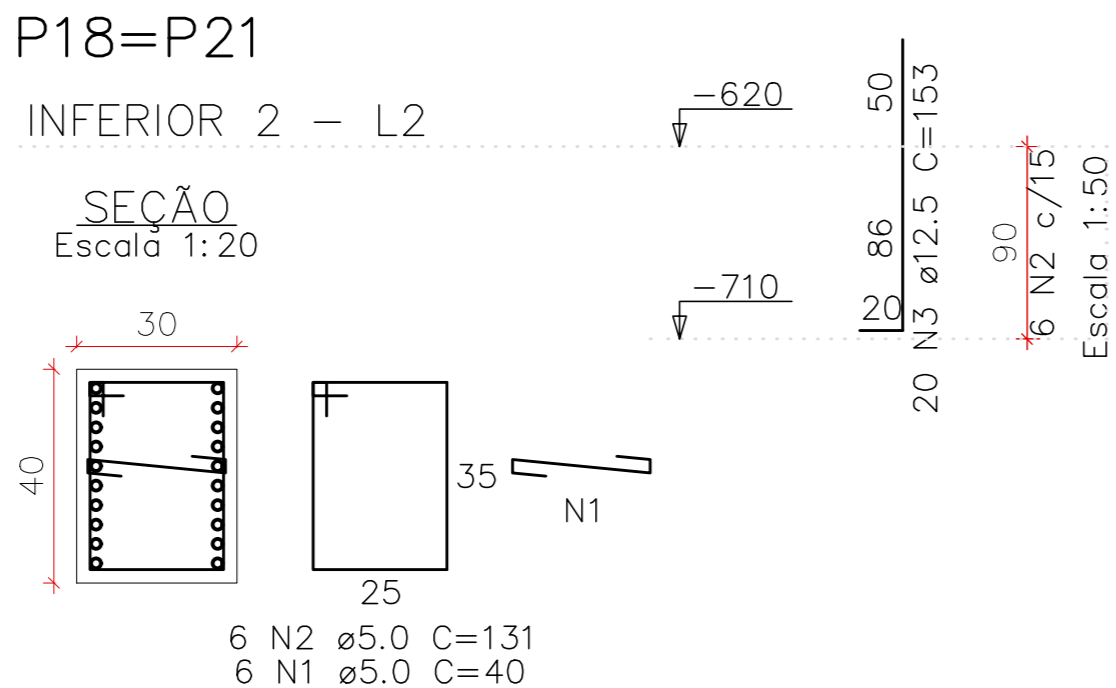
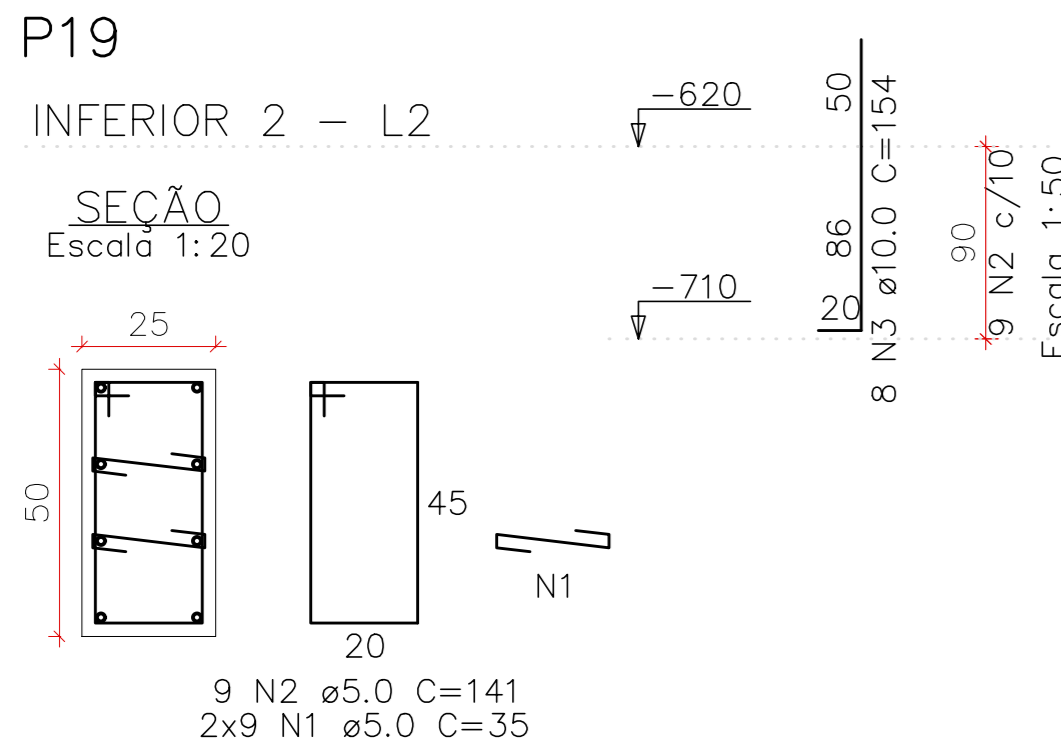
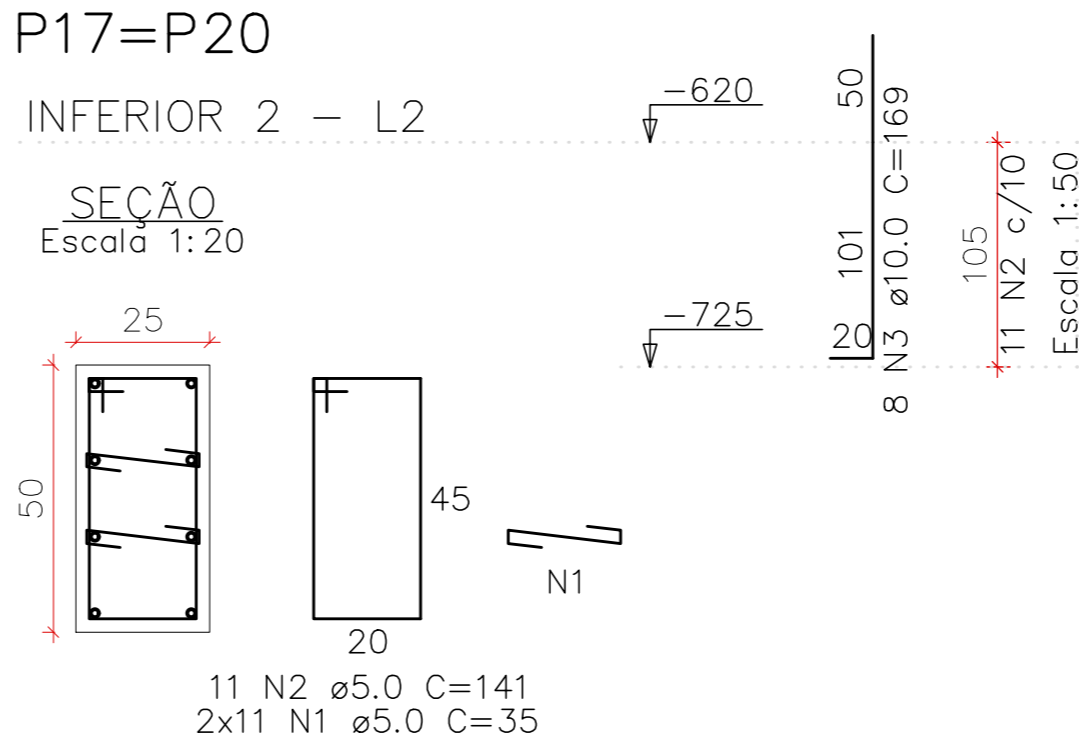
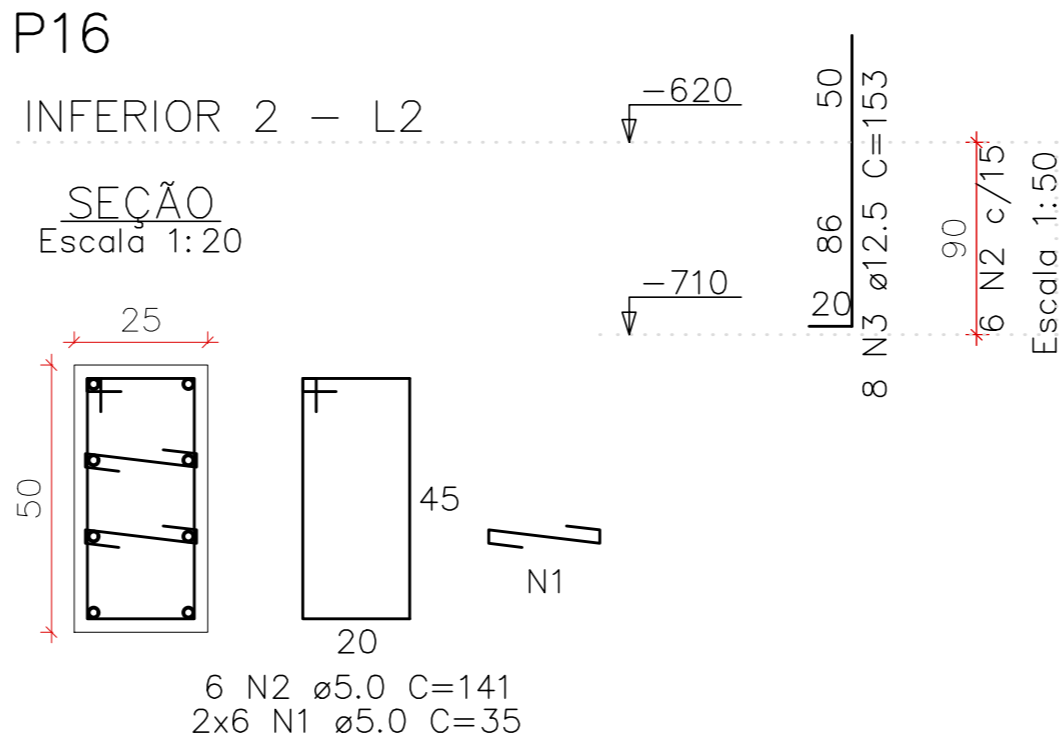
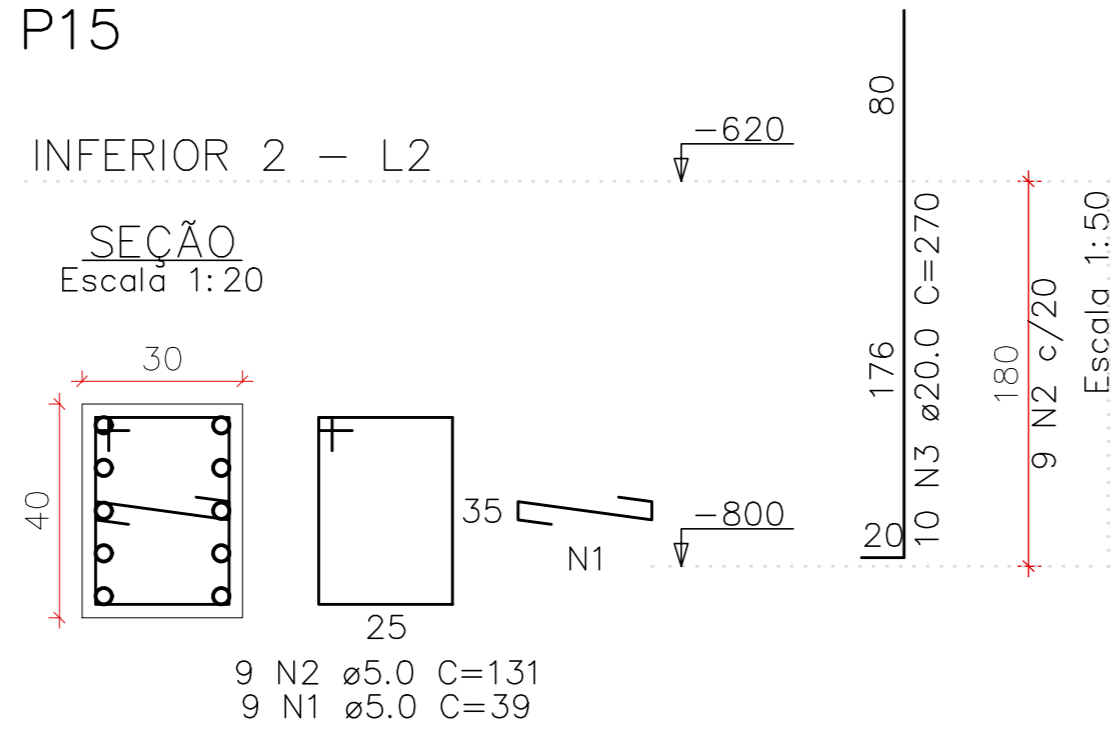
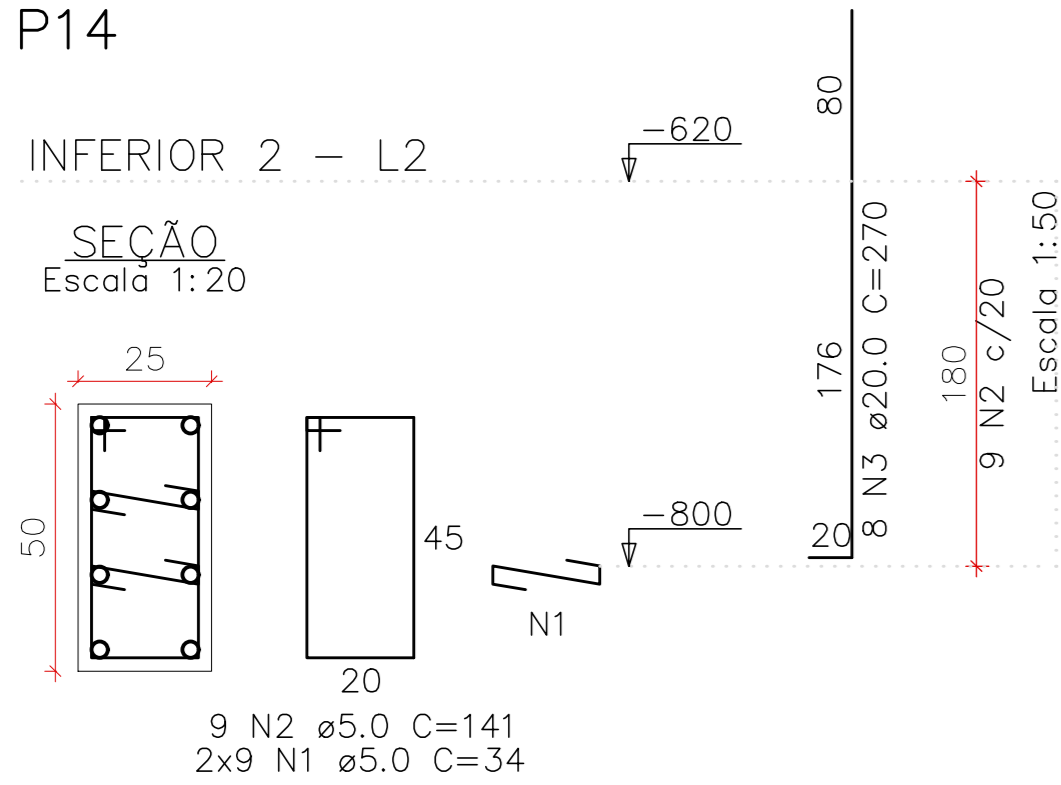
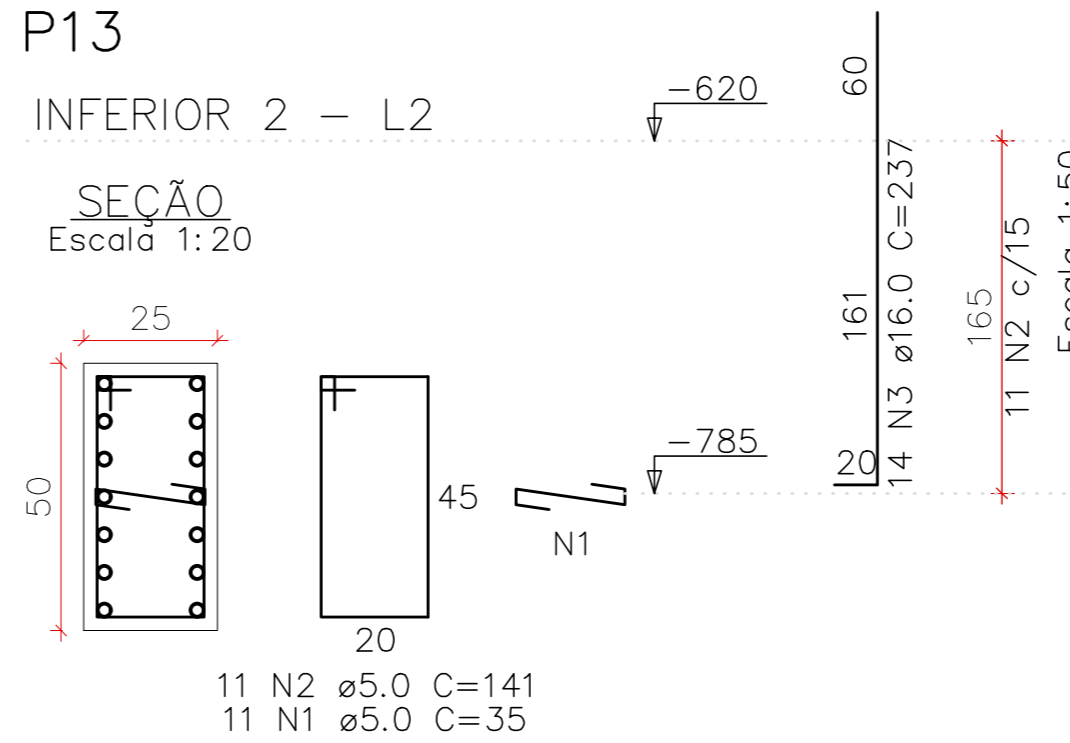
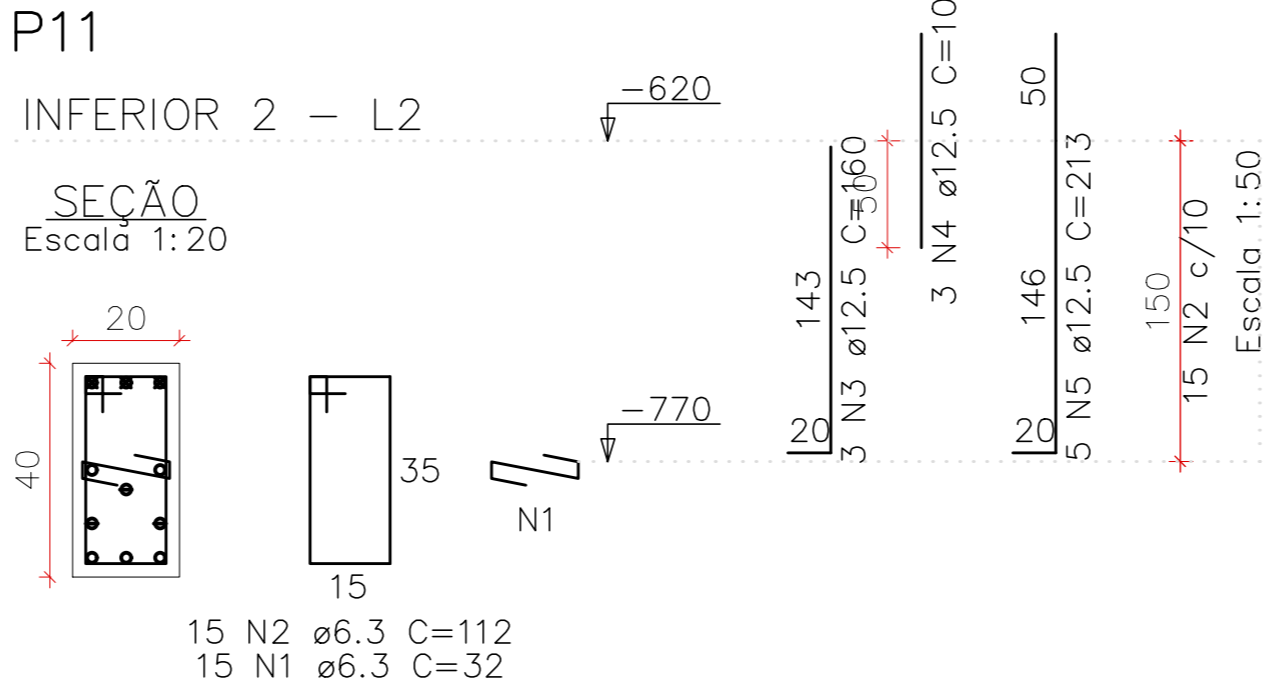
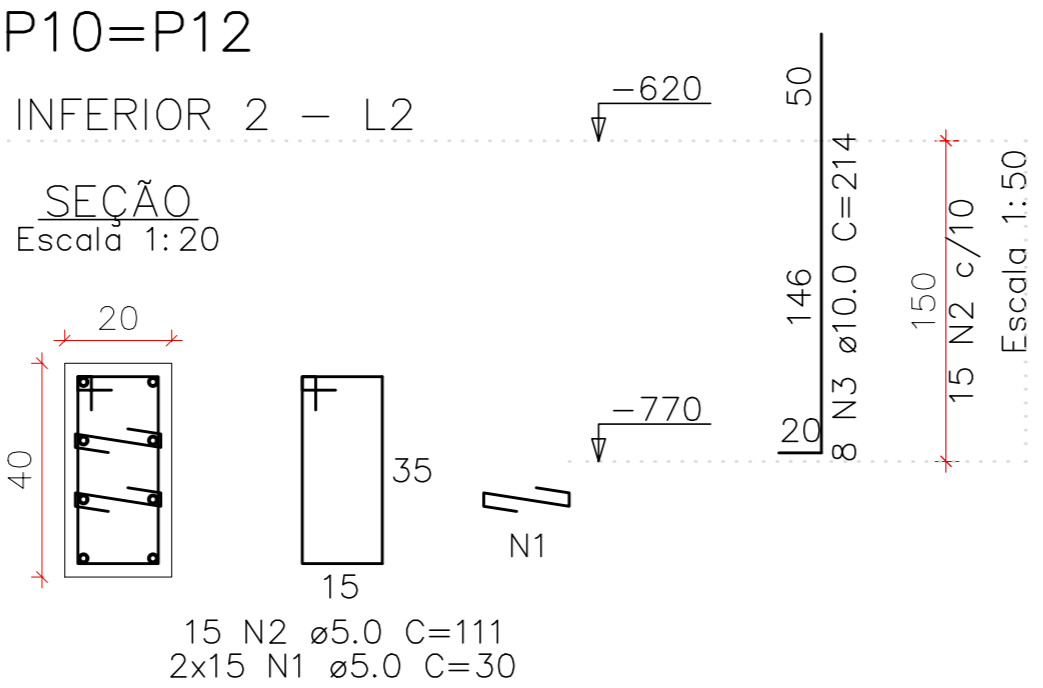
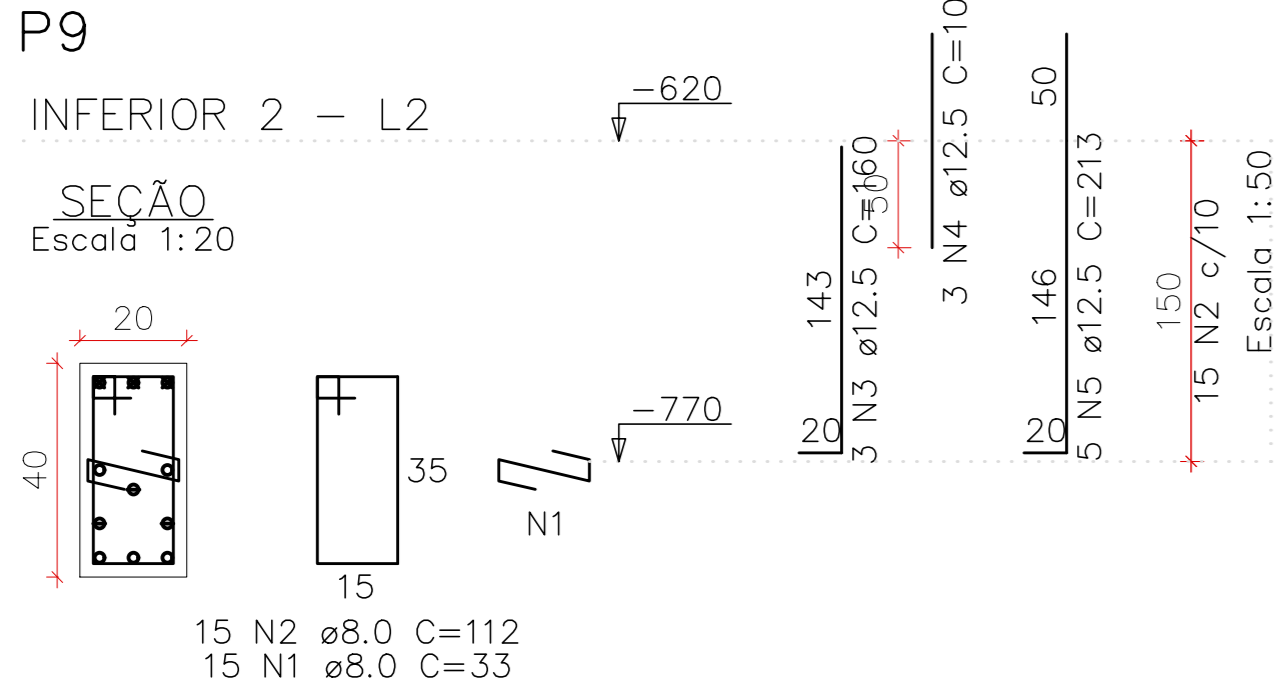
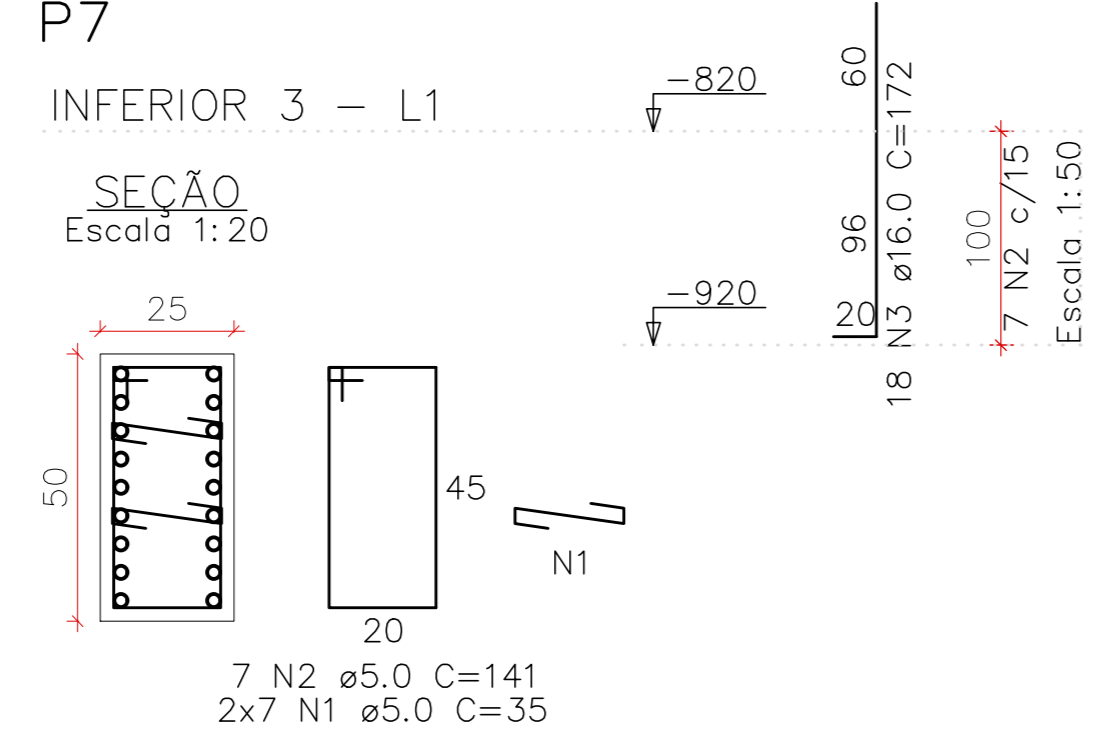
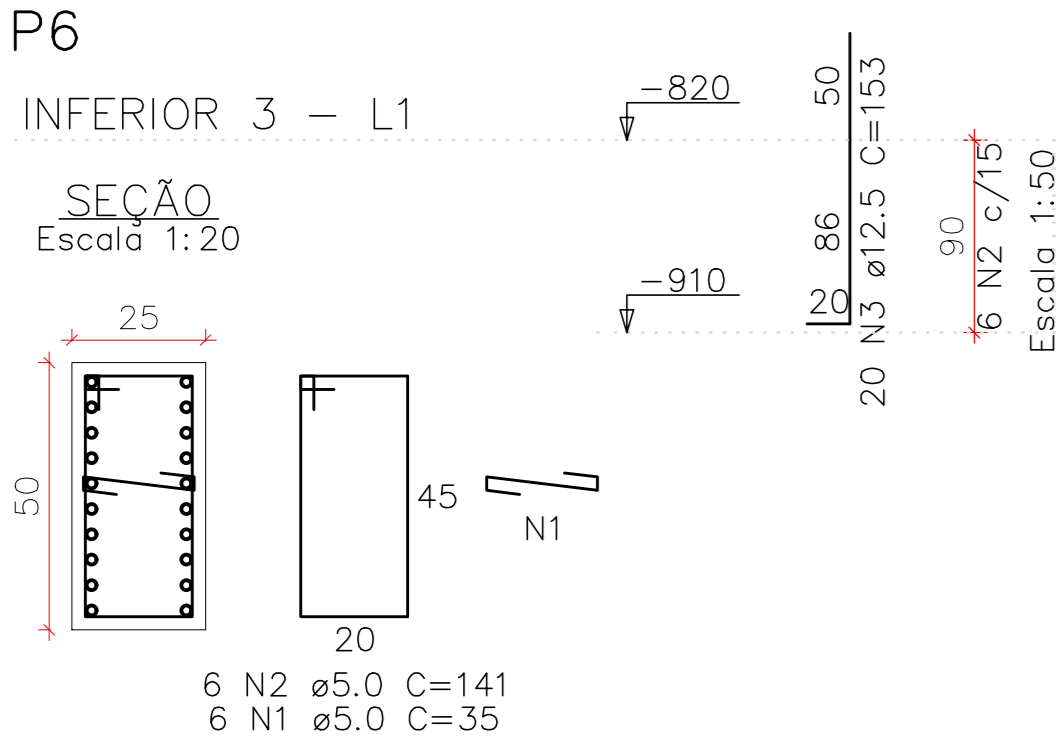
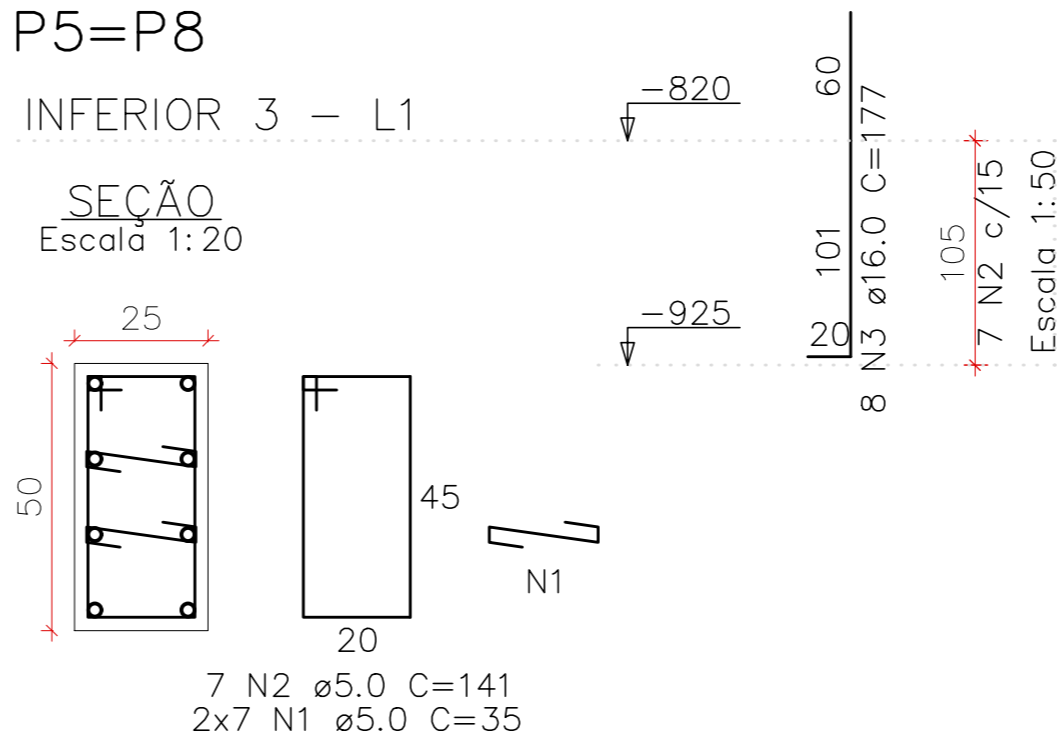
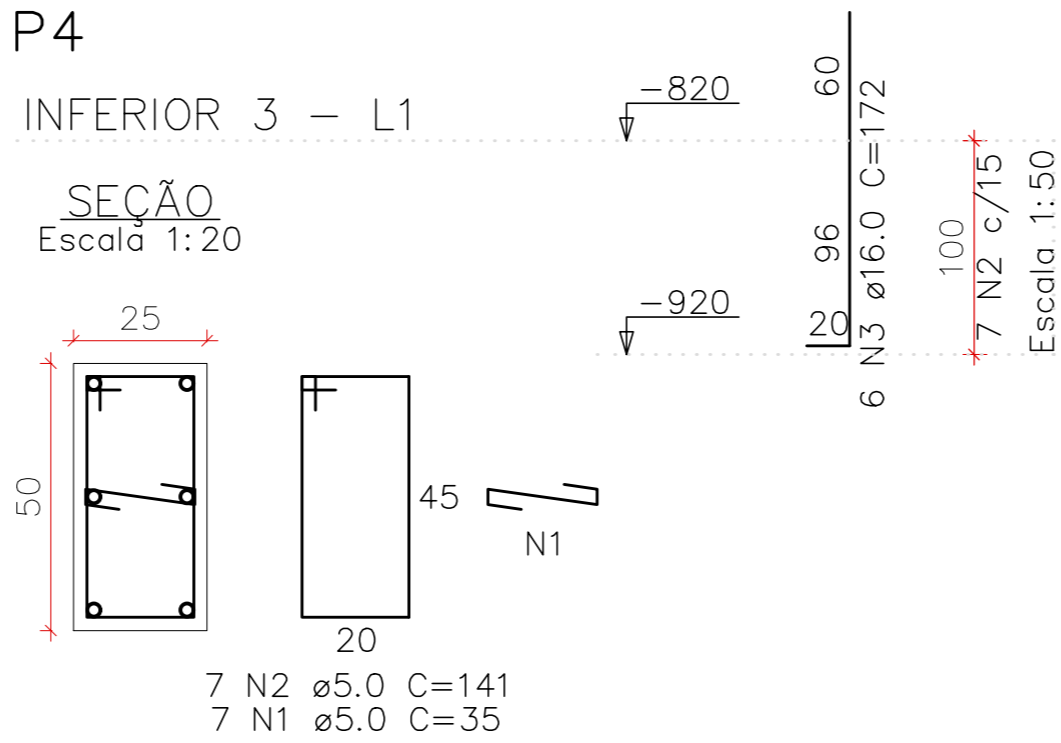
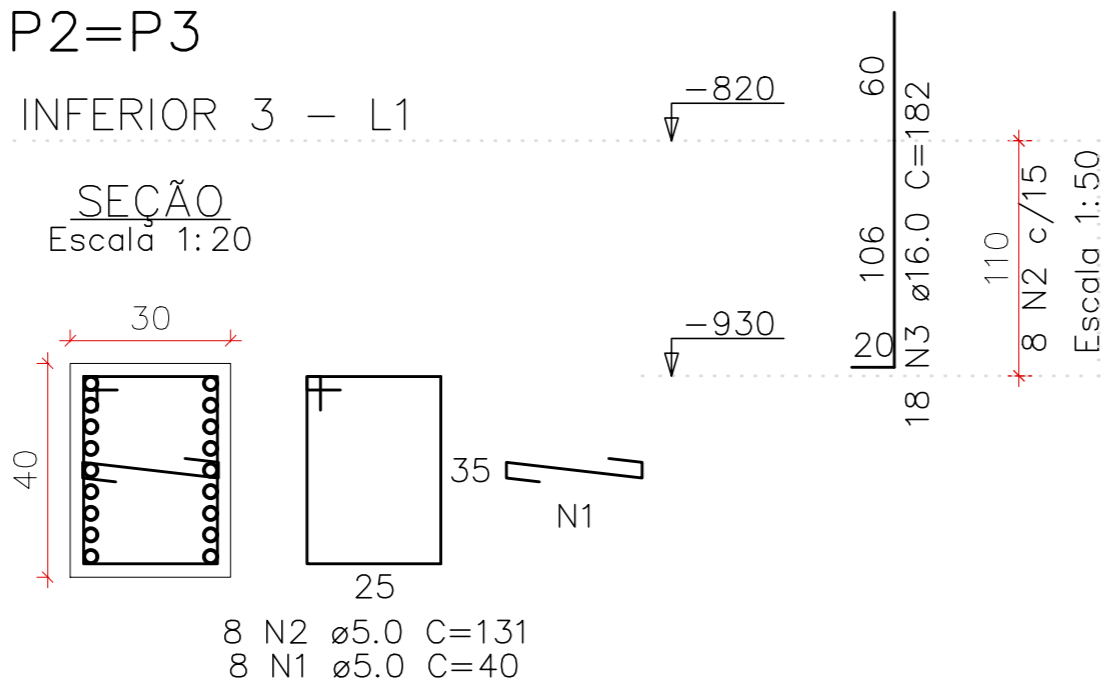
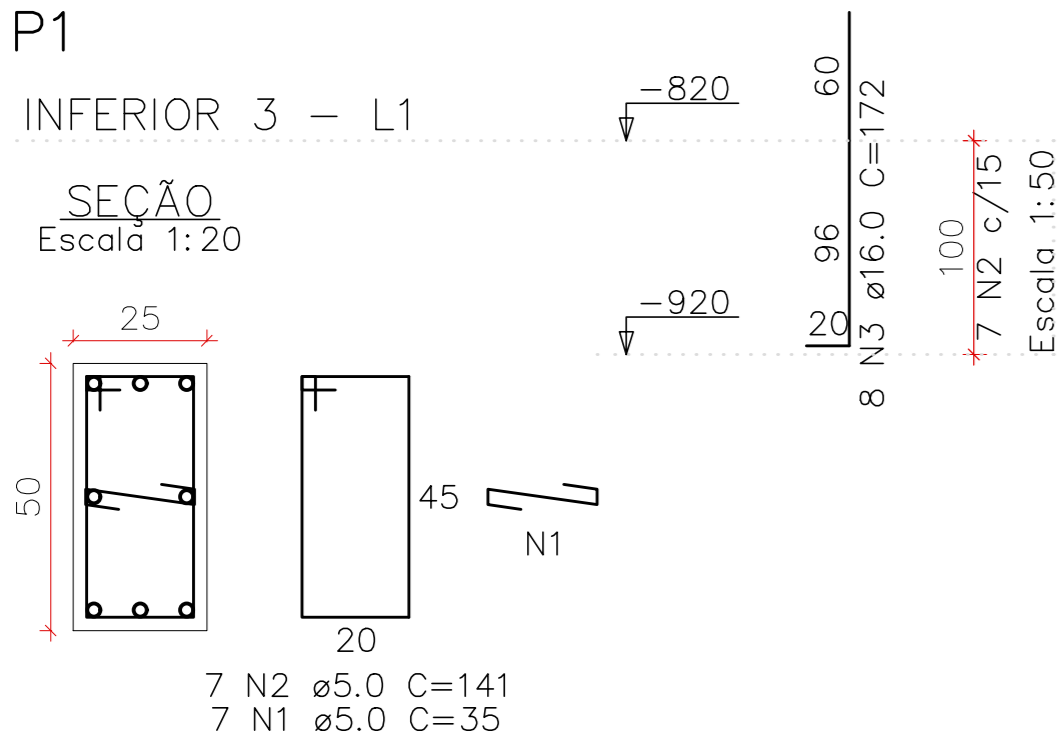
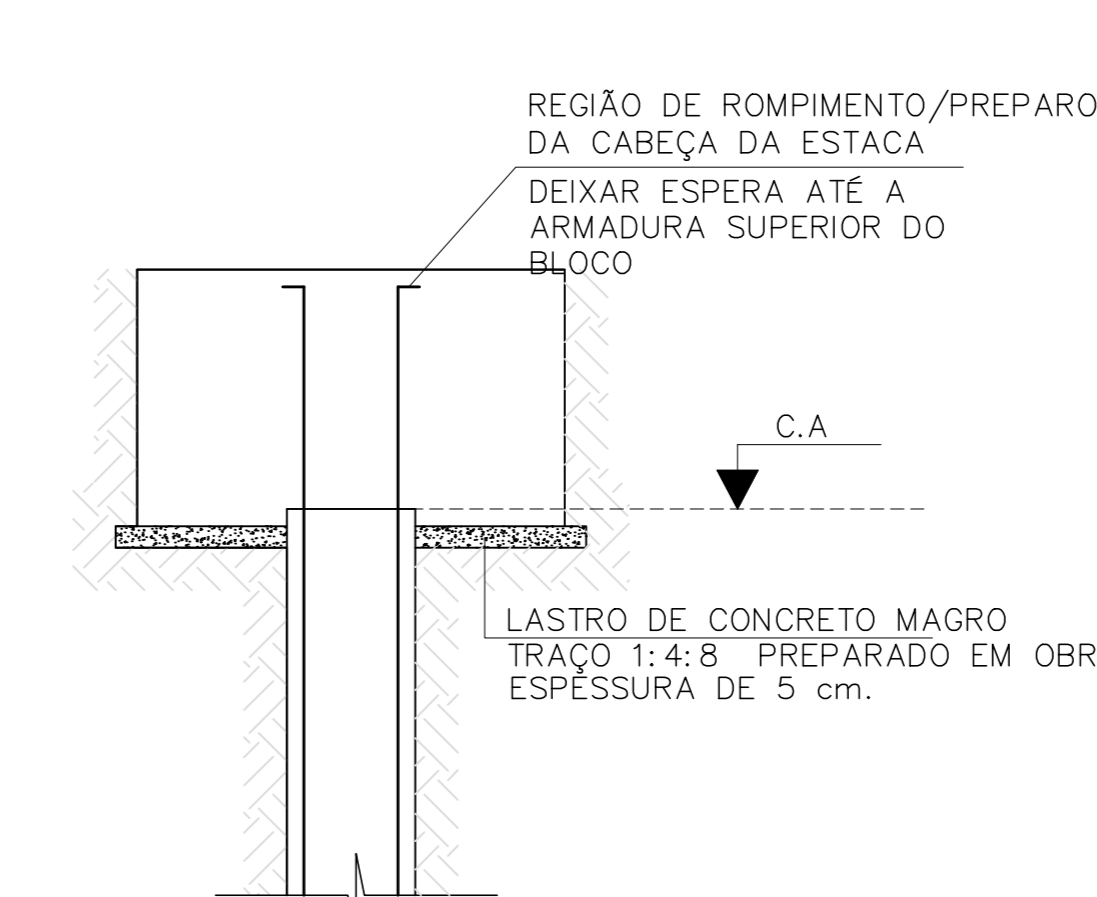
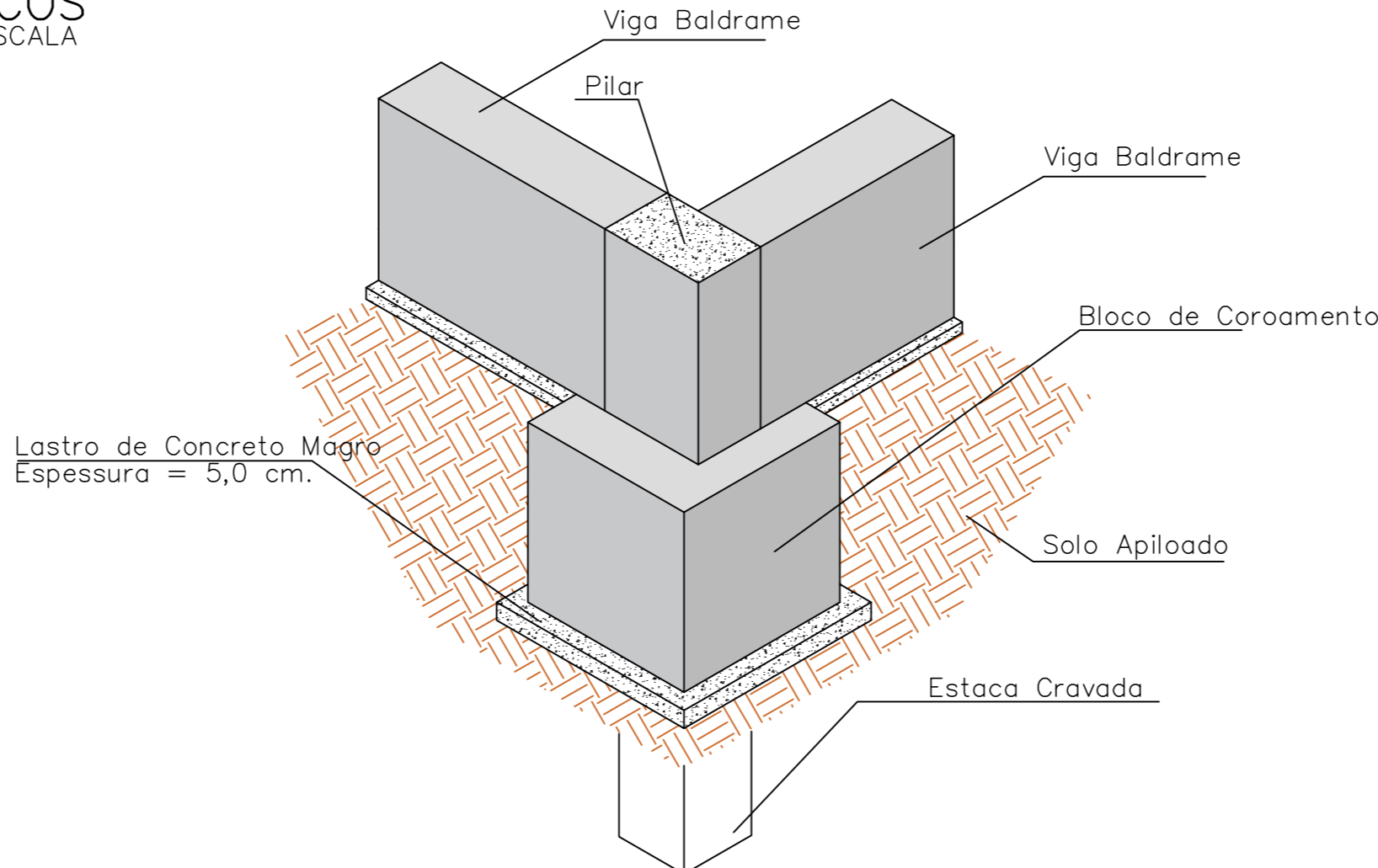


CONSTRUÇÃO DO HUB DE EMPREENDEDORISMO DE POUSO ALEGRE  
ESCALA INDICADA



POSICIONAMENTO DOS BLOCOS  
SEM ESCALA



DETALHE TÍPICO DOS BLOCOS  
ESCALA 1:25

RELAÇÃO DO AÇO					
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)
P1	CA60	1	5.0	7	35
	CA60	2	5.0	7	141
	CA50	3	16.0	8	172
2xP2	CA60	1	5.0	16	40
	CA60	2	5.0	16	131
	CA50	3	16.0	36	182
P4	CA60	1	5.0	7	35
	CA60	2	5.0	7	141
	CA50	3	16.0	6	172
2xP5	CA60	1	5.0	28	35
	CA60	2	5.0	6	141
	CA50	3	16.0	16	177
P6	CA60	1	5.0	6	35
	CA60	2	5.0	6	141
	CA50	3	12.5	20	153
P7	CA60	1	5.0	14	35
	CA60	2	5.0	7	141
	CA50	3	16.0	18	172

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	12.5	30.6	3	32.4
CA60	5.0	106.9	10	258.5

PESO TOTAL (kg)	
CA50	290.9
CA60	18.1

Volume de concreto (C=30) = 0.40 m³  
Área de forma = 4.72 m²

RELAÇÃO DO AÇO					
ELEMENTO	AÇO	N	DIAM (mm)	C.UNIT (cm)	C.TOTAL (cm)
P9	CA50	1	8.0	15	33
	CA50	2	8.0	15	112
	CA50	3	12.5	3	160
2xP10	CA50	4	12.5	3	100
	CA50	5	12.5	5	213
	CA60	1	5.0	60	1800
P11	CA60	2	5.0	30	111
	CA50	3	10.0	16	214
	CA50	1	6.3	15	32
P13	CA50	2	6.3	15	112
	CA50	3	12.5	3	160
	CA50	4	12.5	3	100
P14	CA50	5	12.5	5	213
	CA60	1	5.0	11	35
	CA60	2	5.0	11	141
P15	CA50	3	16.0	14	237
	CA60	1	5.0	18	34
	CA60	2	5.0	9	141
2xP17	CA50	3	20.0	8	270
	CA60	1	5.0	9	39
	CA50	2	5.0	9	131
2xP18	CA50	3	20.0	10	270
	CA60	1	5.0	6	141
	CA50	3	12.5	6	153
P19	CA60	1	5.0	44	35
	CA60	2	5.0	12	3102
	CA50	3	10.0	16	169
P16	CA60	1	5.0	12	40
	CA60	2	5.0	12	131
	CA50	3	12.5	40	153
2xP17	CA60	1	5.0	18	35
	CA60	2	5.0	9	141
	CA50	3	10.0	8	154

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	6.3	21.6	2	5.8
	8.0	21.8	2	9.4
	10.0	73.6	7	49.9
CA60	12.5	110.3	11	116.9
	16.0	33.2	4	57.6
	20.0	48.6	5	131.8

PESO TOTAL (kg)	
CA50	371.5
CA60	34.5

Volume de concreto (C=30) = 0.99 m³  
Área de forma = 12.72 m²

REV. 01	04/08/23	ALTERAÇÃO DE LOCAÇÃO DA EDIFICAÇÃO	DAC
REV. 02	30/05/23	EMIÇÃO INICIAL	DAC
REVISÃO:	DATA:	DESCRIÇÃO:	RESP:
CLIENTE			
 <p>Prefeitura Municipal de Pouso Alegre</p>			
PROJETO		COORDENAÇÃO ALOISIO CAETANO FERRERA	
 <p>Rua Miguel Vianna, nº 81, 2º Andar Bairro Morro Chic CEP: 37500-080 - Itajubá / MG Tel: (35) 3623-8846 www.dacengenharia.com.br</p>		RESPONSÁVEL TÉCNICO E AUTOR:  ENG. CIVIL FLÁVIA BARBOSA CREA: MG-187342/D	
EMPREENHIMENTO			
HUB DE EMPREENDEDORISMO DE POUSO ALEGRE			
ENDEREÇO RUA GERALDO COUTINHO DE SOUZA, JARDIM VERGANI POUSO ALEGRE - MINAS GERAIS		DISCIPLINA ESTRUTURAL	
ASSUNTO PROJETO ESTRUTURAL EM CONCRETO ARMADO DETALHAMENTO DOS ARRANQUES LISTA DE MATERIAIS		FASE DO PROJETO EXECUTIVO	
FOLHA Nº: 12/49			
DATA INICIAL 30/05/2023	ESCALA INDICADA	REVISÃO R01	ARQUIVO DAC-PMPA-HUB-PE-EST-R01.dwg