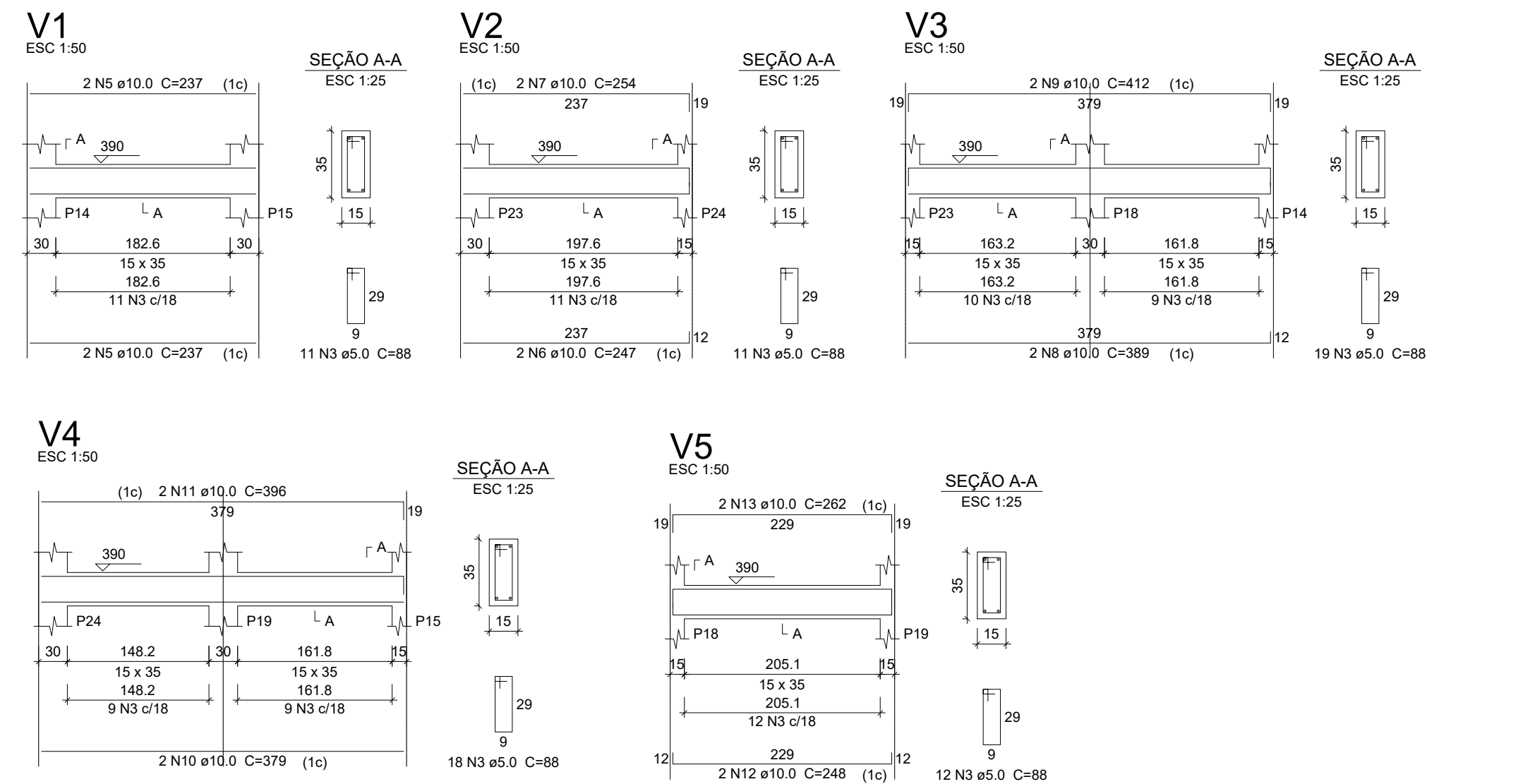
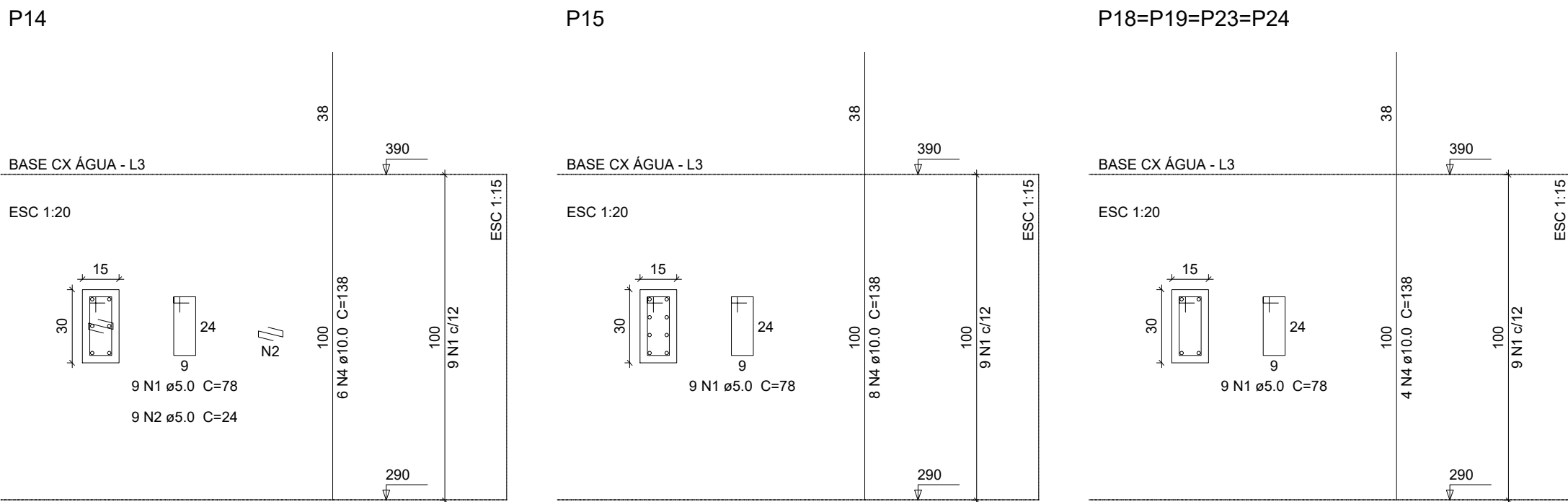
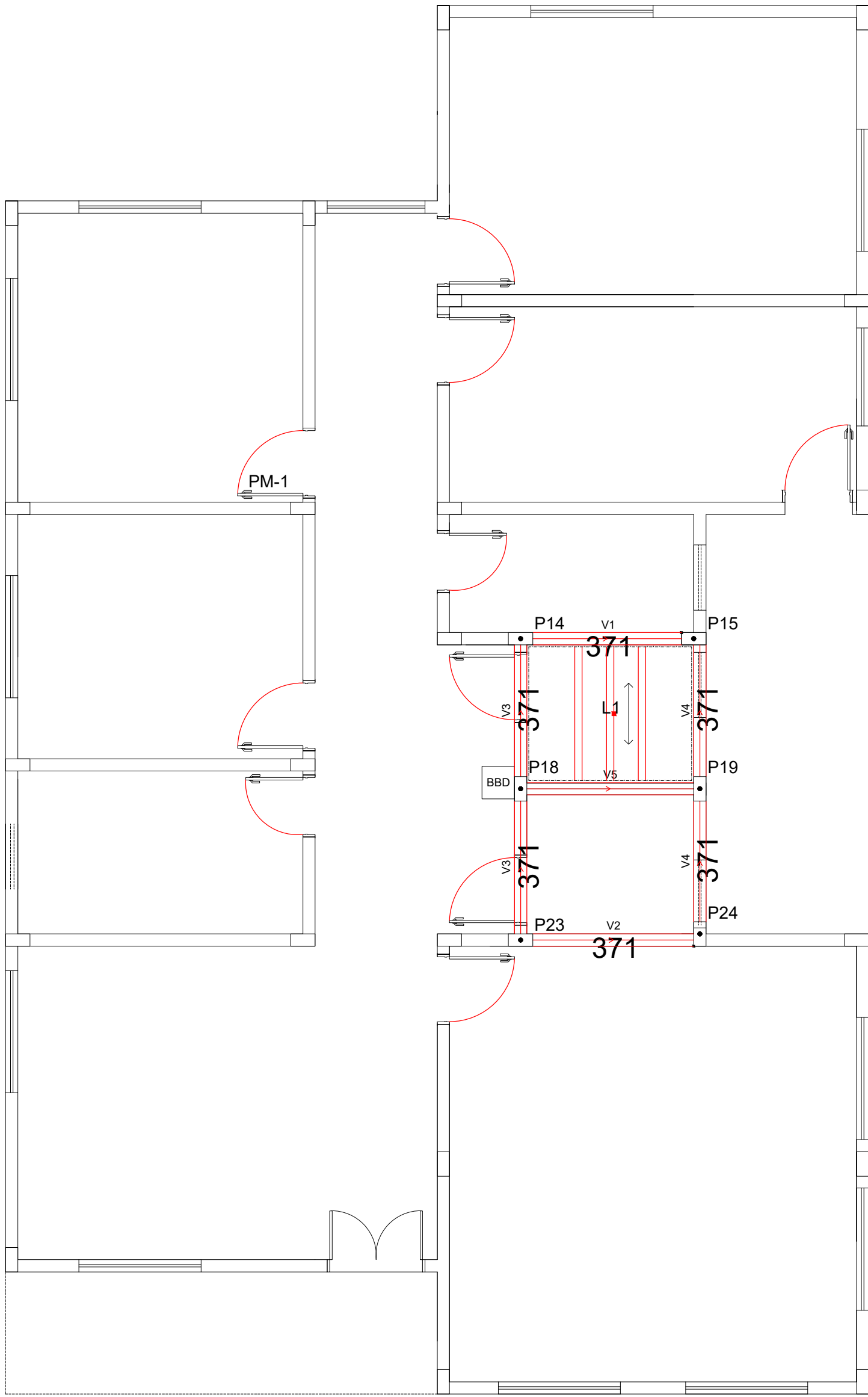
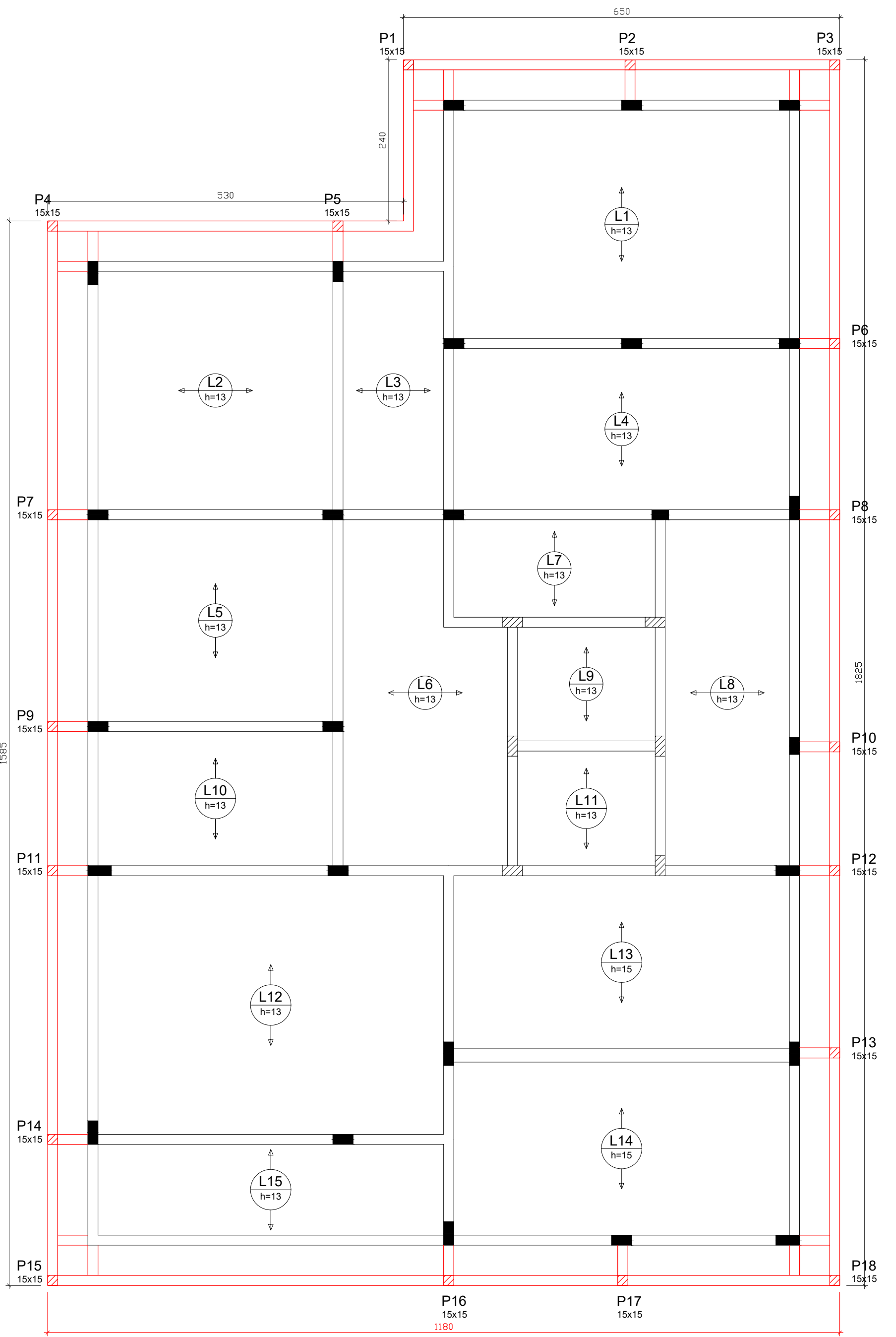




Relação do aço

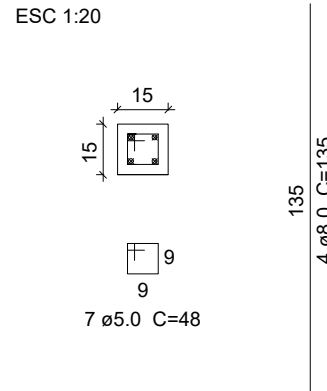
P14	P15	4xP18			
V1	V2	V3			
V4	V5				
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	54	78	4212
	2	5.0	9	24	216
	3	5.0	71	88	6248
CA50	4	10.0	30	138	4140
	5	10.0	4	237	948
	6	10.0	2	247	494
	7	10.0	2	254	508
	8	10.0	2	389	778
	9	10.0	2	412	824
	10	10.0	2	379	758
	11	10.0	2	396	792
	12	10.0	2	248	496
	13	10.0	2	262	524

Resumo do aço

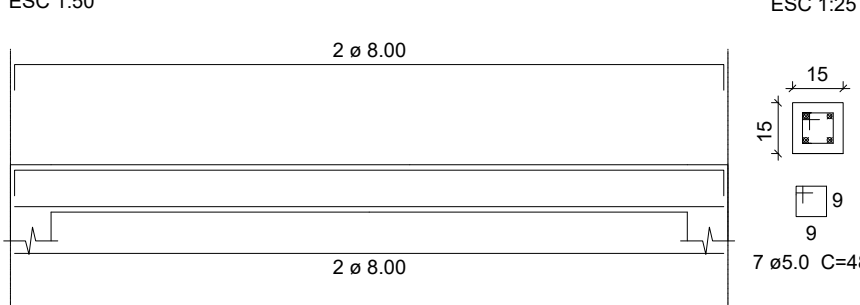
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	102.7	69.6
CA60	5.0	106.8	18.1
PESO TOTAL			
CA50			69.6
CA60			18.1

Vol. de concreto total (C-25) = 1.05 m³
Área de forma total = 18.07 m²

PILARETES DA PLATIBANDA
P1 ao P18



Viga superior e inferior
PLATIBANDA



**PREFEITURA MUNICIPAL DE
PINHAL GRANDE - RS**

OBRA
CONSTRUÇÃO DO NOVO CRAS

ENDEREÇO
Rua 15 de Novembro, Bairro Limeira, Pinhal Grande (RS)

PLATIBANDA E CAIXA D'ÁGUA

PREFEITO MUNICIPAL
LUCAS MICHELON

RESPONSÁVEL TÉCNICO
Engenheira Civil Kelli Manfio - CREA RS230615