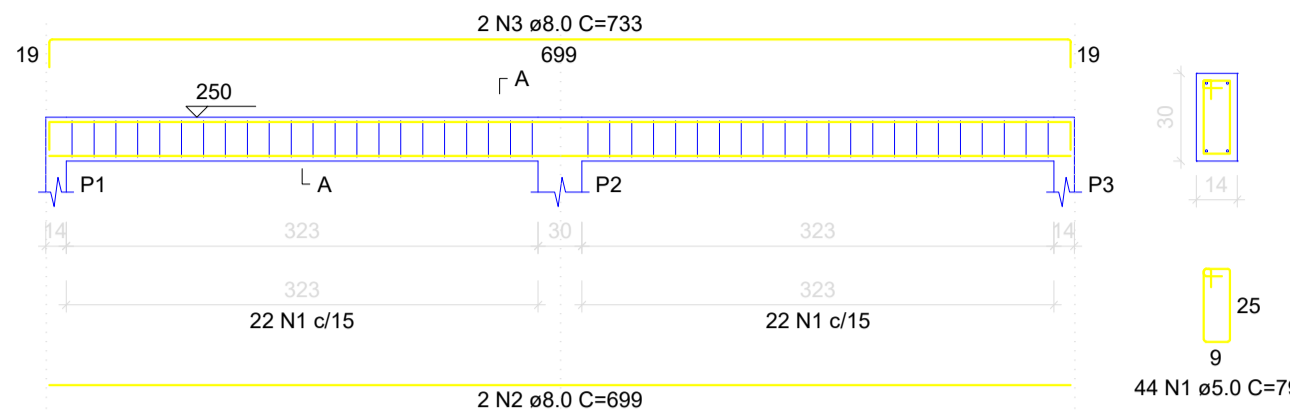
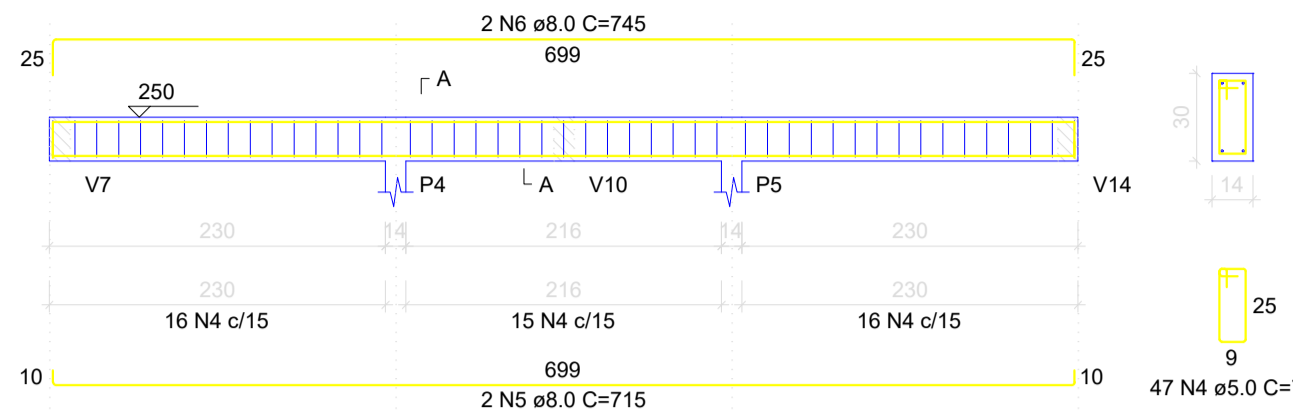


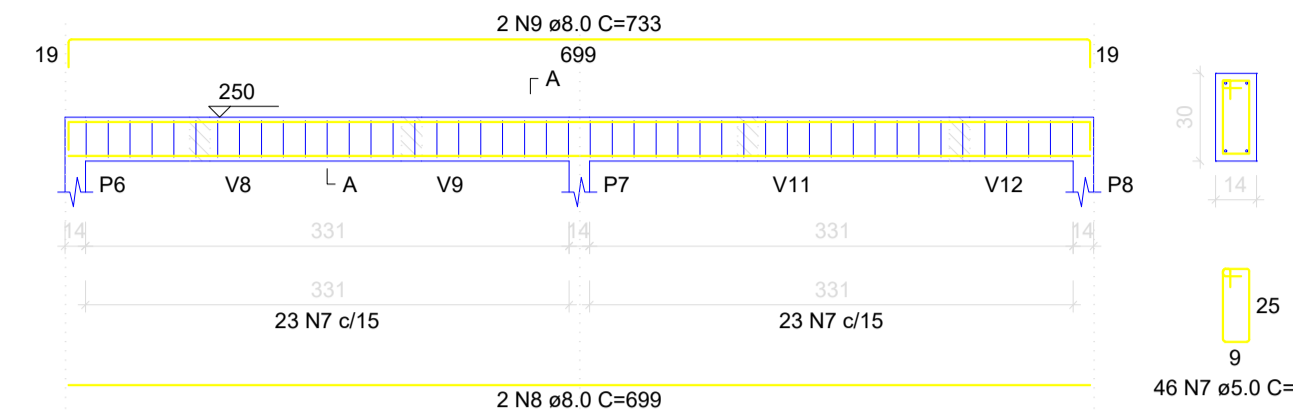
V1 (14 x 30)



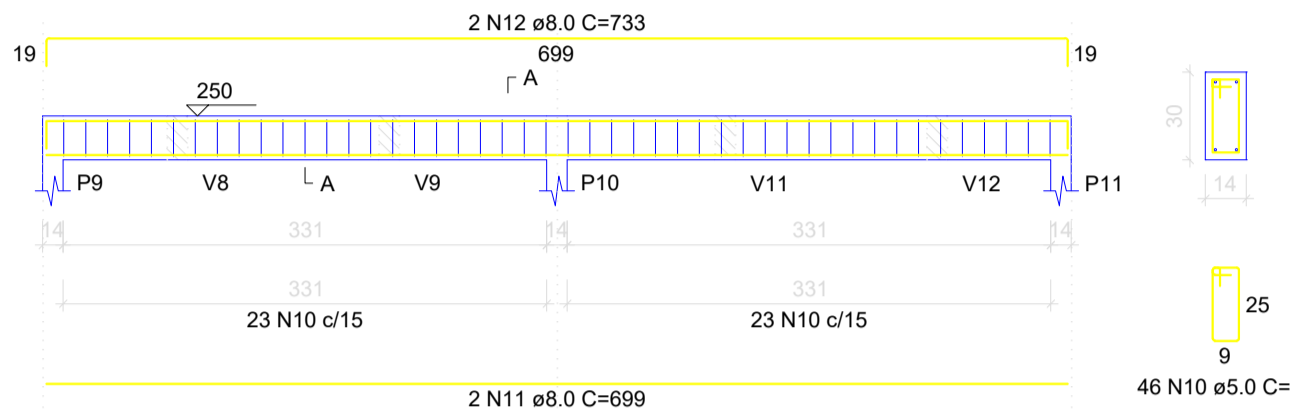
V2 (14 x 30)



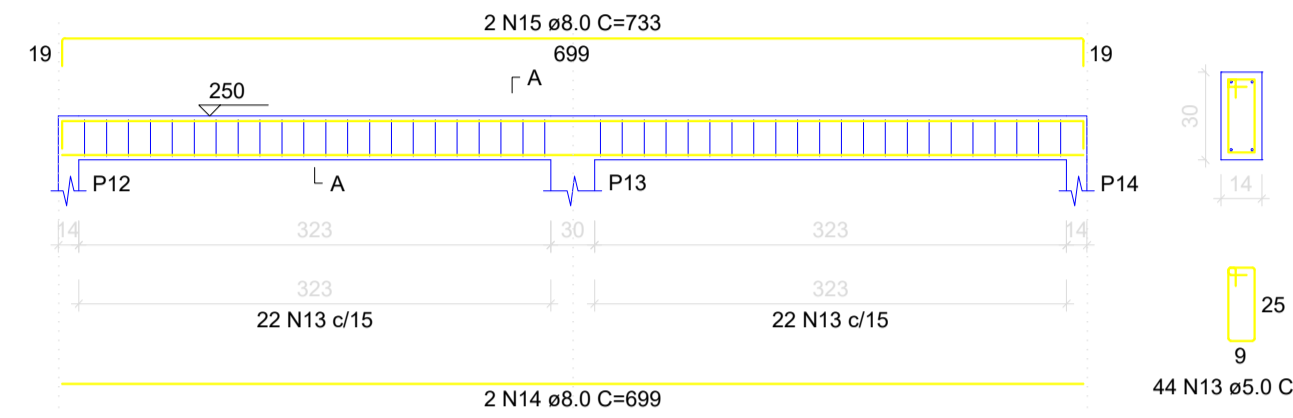
V3 (14 x 30)



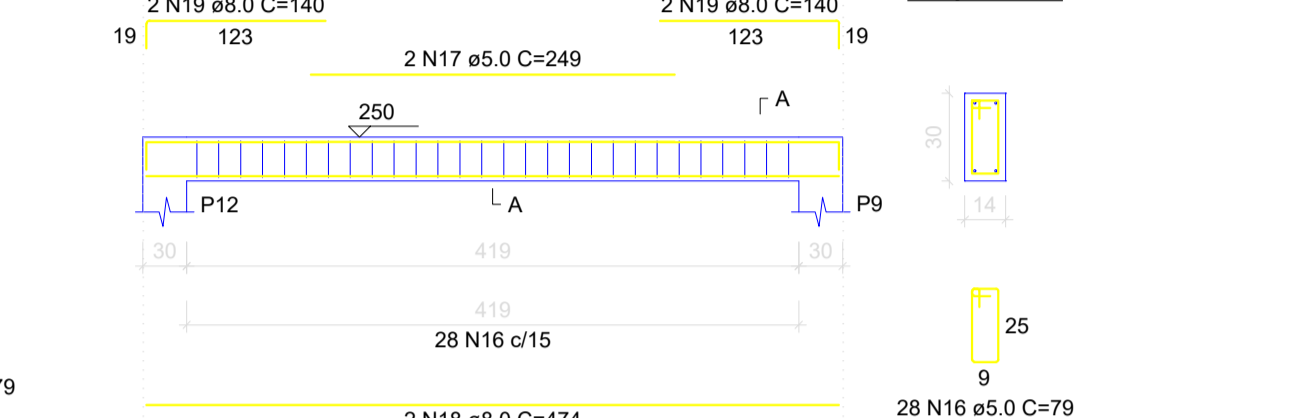
V4 (14 x 30)



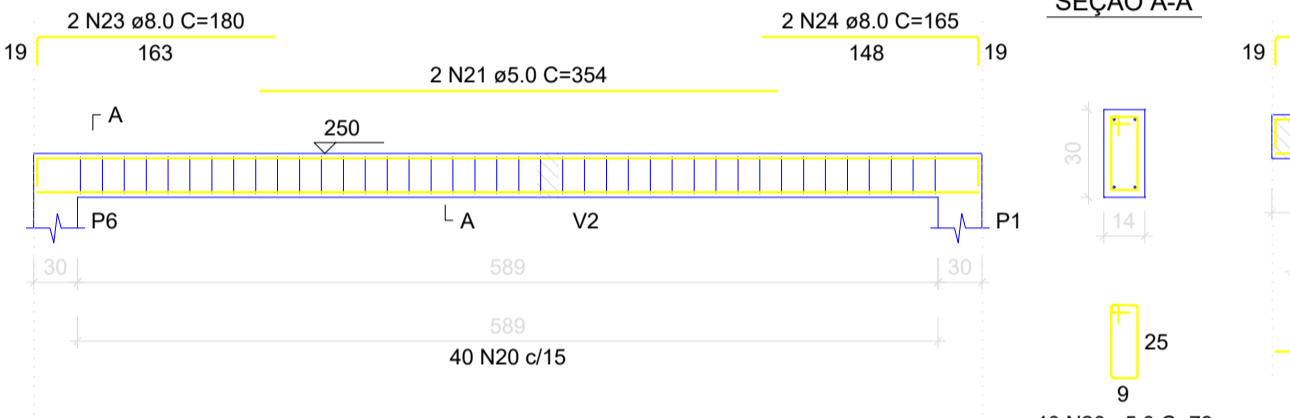
V5 (14 x 30)



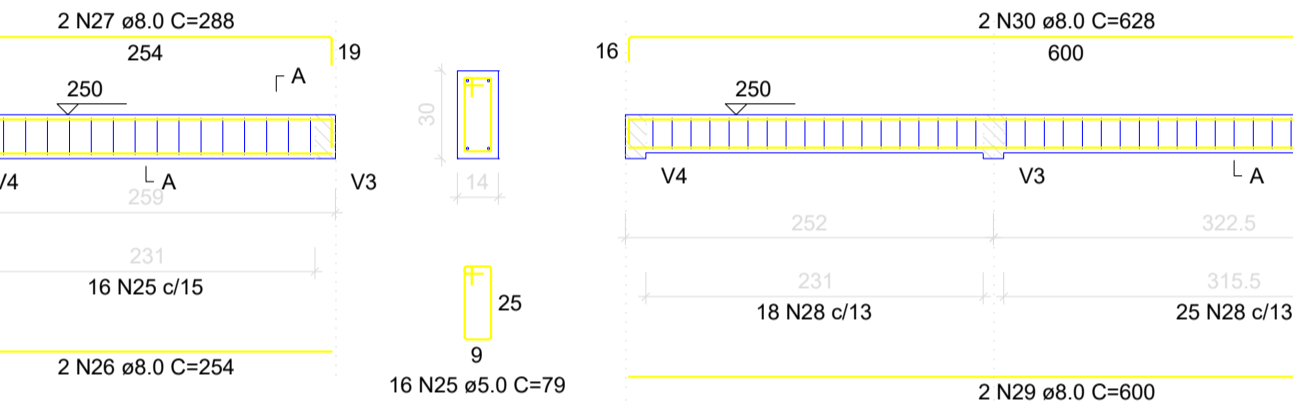
V6 (14 x 30)



V7 (14 x 30)



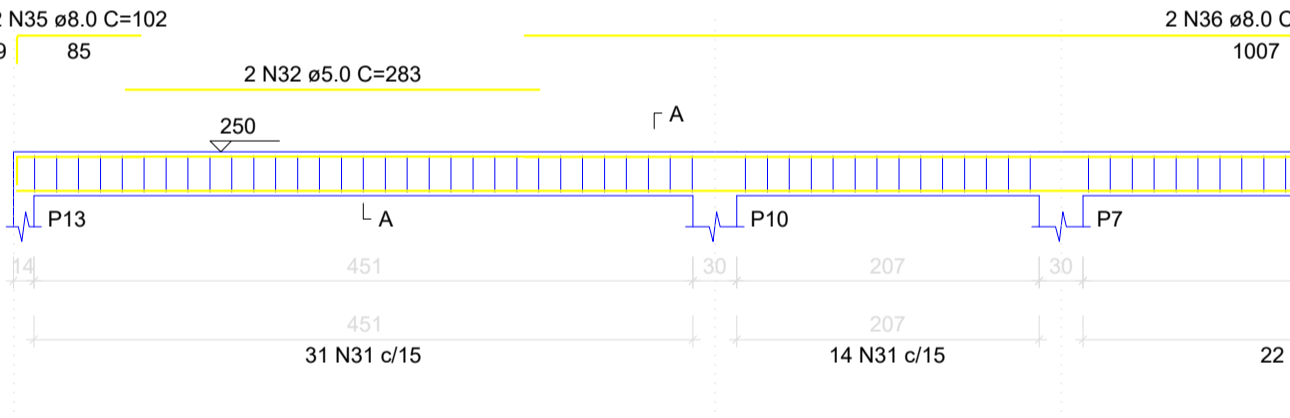
V8 (14 x 30)



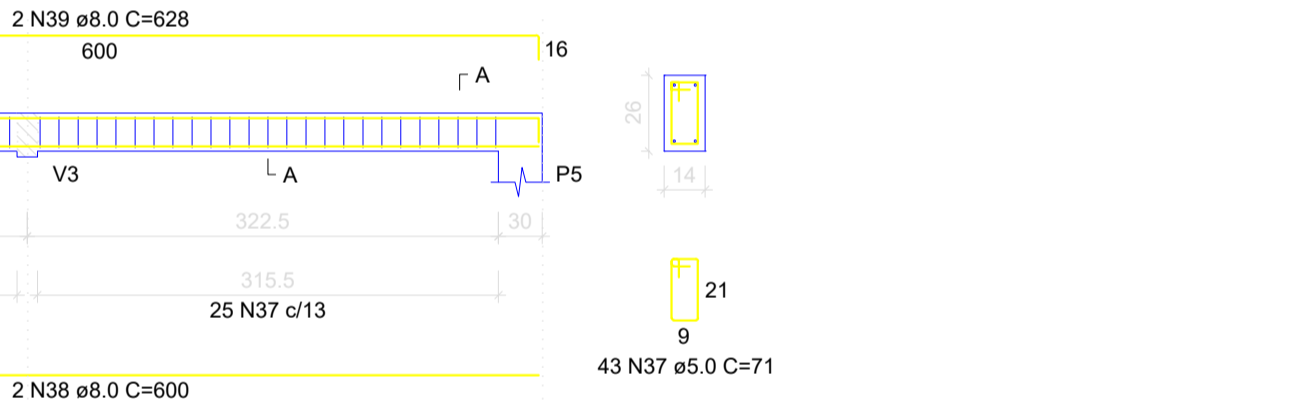
V9 (14 x 26)



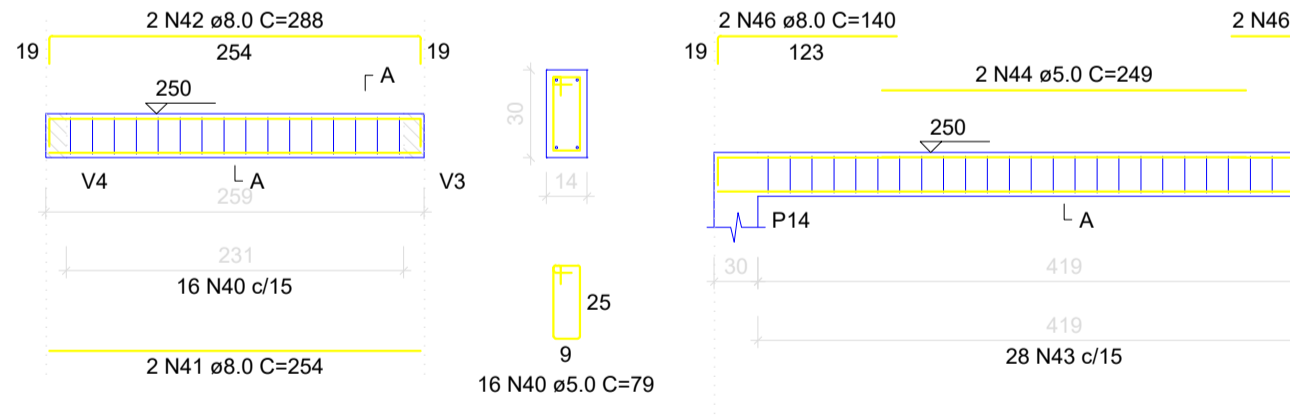
V10 (14 x 30)



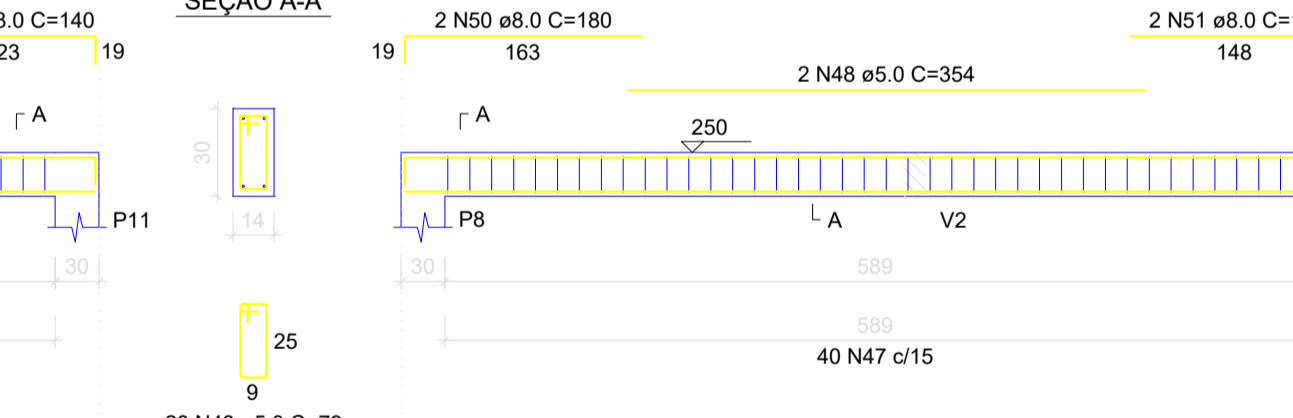
V11 (14 x 26)



V12 (14 x 30)



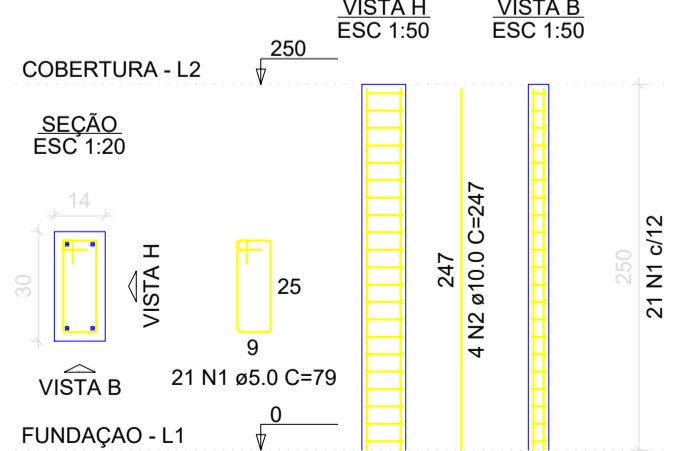
V13 (14 x 30)



V14 (14 x 30)



P1=P2=P3=P4=P5=P6=P7=  
=P8=P9=P10=P11=P12=  
=P13=P14



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
14xP1	CA80	1	5.0	44	79	3476
	CA50	2	8.0	2	699	1398
V1	CA80	3	8.0	2	733	1466
	CA50	4	5.0	47	79	3713
V2	CA80	5	8.0	2	715	1430
	CA50	6	8.0	2	745	1490
V3	CA80	7	8.0	46	79	3634
	CA50	8	8.0	2	699	1398
V4	CA80	9	8.0	2	733	1466
	CA50	10	8.0	46	79	3634
V5	CA80	11	8.0	2	699	1398
	CA50	12	8.0	2	733	1466
V6	CA80	13	8.0	44	79	3476
	CA50	14	8.0	2	699	1398
V7	CA80	15	8.0	2	733	1466
	CA50	16	5.0	29	79	2212
V8	CA80	17	5.0	2	249	498
	CA50	18	8.0	2	474	948
V9	CA80	19	8.0	4	140	560
	CA50	20	5.0	40	79	3160
V10	CA80	21	5.0	2	354	708
	CA50	22	8.0	2	644	1288
V11	CA80	23	8.0	2	180	360
	CA50	24	8.0	2	165	330

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	138.3	93.8
CA80	5.0	232.3	39.4
<b>PESO TOTAL (kg)</b>			
CA50			93.8
CA80			39.4

Volume de concreto (C-25) = 1.47 m³  
Área de forma = 30.80 m²

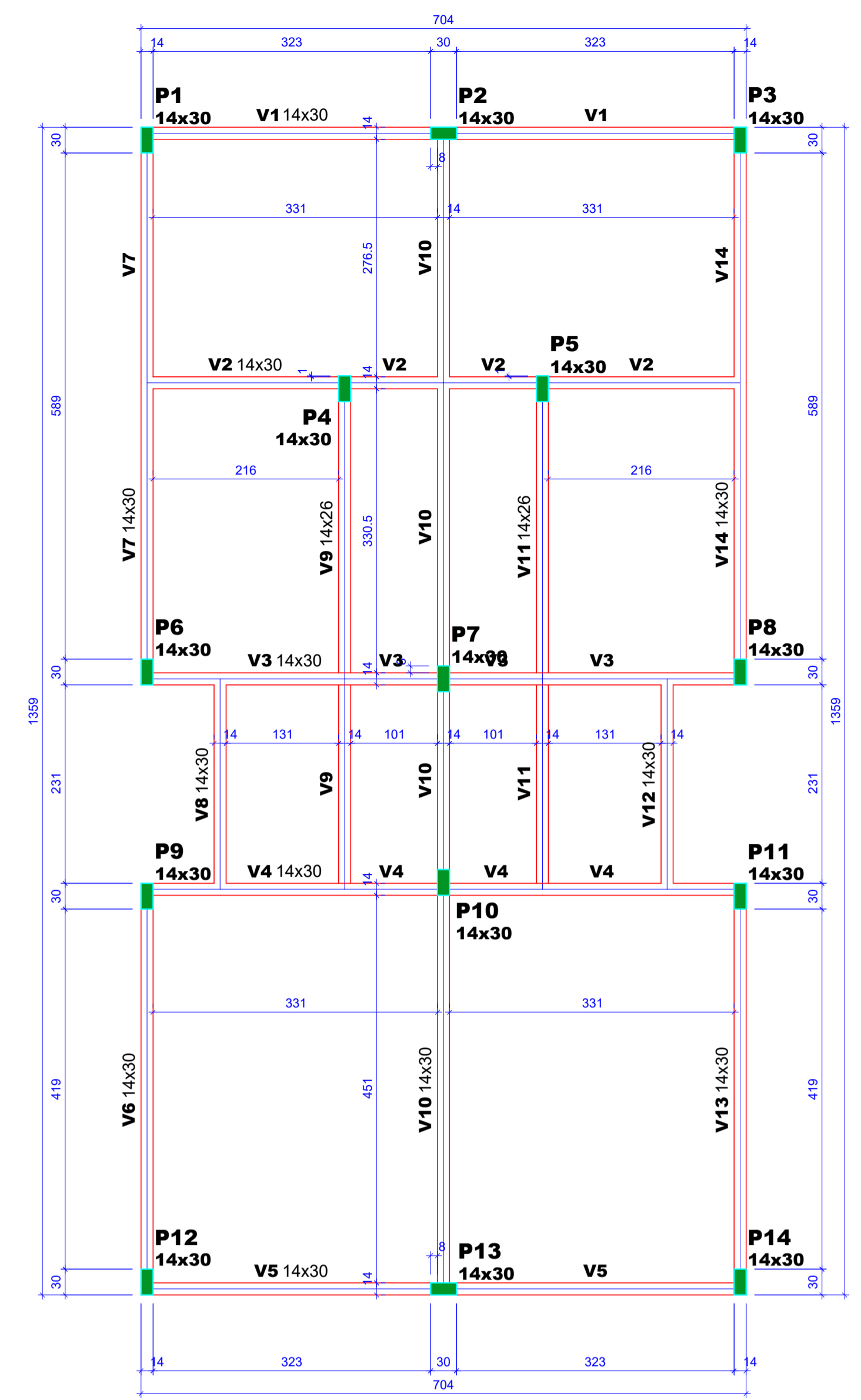
RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V8	CA80	24	8.0	2	165	330
	CA50	25	5.0	16	79	1264
V9	CA80	26	8.0	2	254	508
	CA50	27	8.0	2	298	596
V10	CA80	28	5.0	43	71	3053
	CA50	29	8.0	2	600	1200
V11	CA80	30	8.0	2	639	1278
	CA50	31	5.0	86	79	6794
V12	CA80	32	5.0	2	283	566
	CA50	33	8.0	2	1092	2184
V13	CA80	34	8.0	2	306	612
	CA50	35	8.0	2	102	204
V14	CA80	36	8.0	2	1024	2048
	CA50	37	5.0	43	71	3053
V13	CA80	38	8.0	2	600	1200
	CA50	39	8.0	2	628	1256
V14	CA80	40	5.0	16	79	1264
	CA50	41	8.0	2	254	508
V13	CA80	42	8.0	2	286	572
	CA50	43	5.0	26	79	2212
V14	CA80	44	5.0	2	249	498
	CA50	45	8.0	2	474	948
V13	CA80	46	8.0	4	140	560
	CA50	47	5.0	40	79	3160
V14	CA80	48	5.0	2	354	708
	CA50	49	8.0	2	644	1288
V13	CA80	50	8.0	2	180	360
	CA50	51	8.0	2	165	330

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	334.2	145.8
CA80	5.0	470.8	79.8
<b>PESO TOTAL (kg)</b>			
CA50			145.8
CA80			79.8

Volume de concreto (C-25) = 3.38 m³  
Área de forma = 59.70 m²



Forma do pavimento Cobertura

Vigas

Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	14x30	0	250
V2	14x30	0	250
V3	14x30	0	250
V4	14x30	0	250
V5	14x30	0	250
V6	14x30	0	250
V7	14x30	0	250
V8	14x30	0	250
V9	14x26	0	250
V10	14x30	0	250
V11	14x26	0	250
V12	14x30	0	250
V13	14x30	0	250
V14	14x30	0	250

Pilares

Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	14x30	0	250
P2	14x30	0	250
P3	14x30	0	250
P4	14x30	0	250
P5	14x30	0	250
P6	14x30	0	250
P7	14x30	0	250
P8	14x30	0	250
P9	14x30	0	250
P10	14x30	0	250
P11	14x30	0	250
P12	14x30	0	250
P13	14x30	0	250
P14	14x30	0	250

Características dos materiais

16x	Ecs
(kgf/cm²)	(kgf/cm²)
250	241500

Legenda dos pilares  
Pilar que morre

PREFEITURA MUNICIPAL DE PONTE ALTA DO NORTE - SC

Projeto: 15 UNIDADES HABITACIONAIS - SC MAIS MORADIA

Proprietário: Prefeitura Municipal de Ponte Alta do Norte

Localização: Rua Projetada

Referência ESTRUTURAL: ESC. 1/100

Responsável Técnico: Louise Zenni da Silva Arquieta e Urbanista CAU A192625-1-0

Área Total: 689,70 m²

Data: 11/11/2022

Prancha: P2