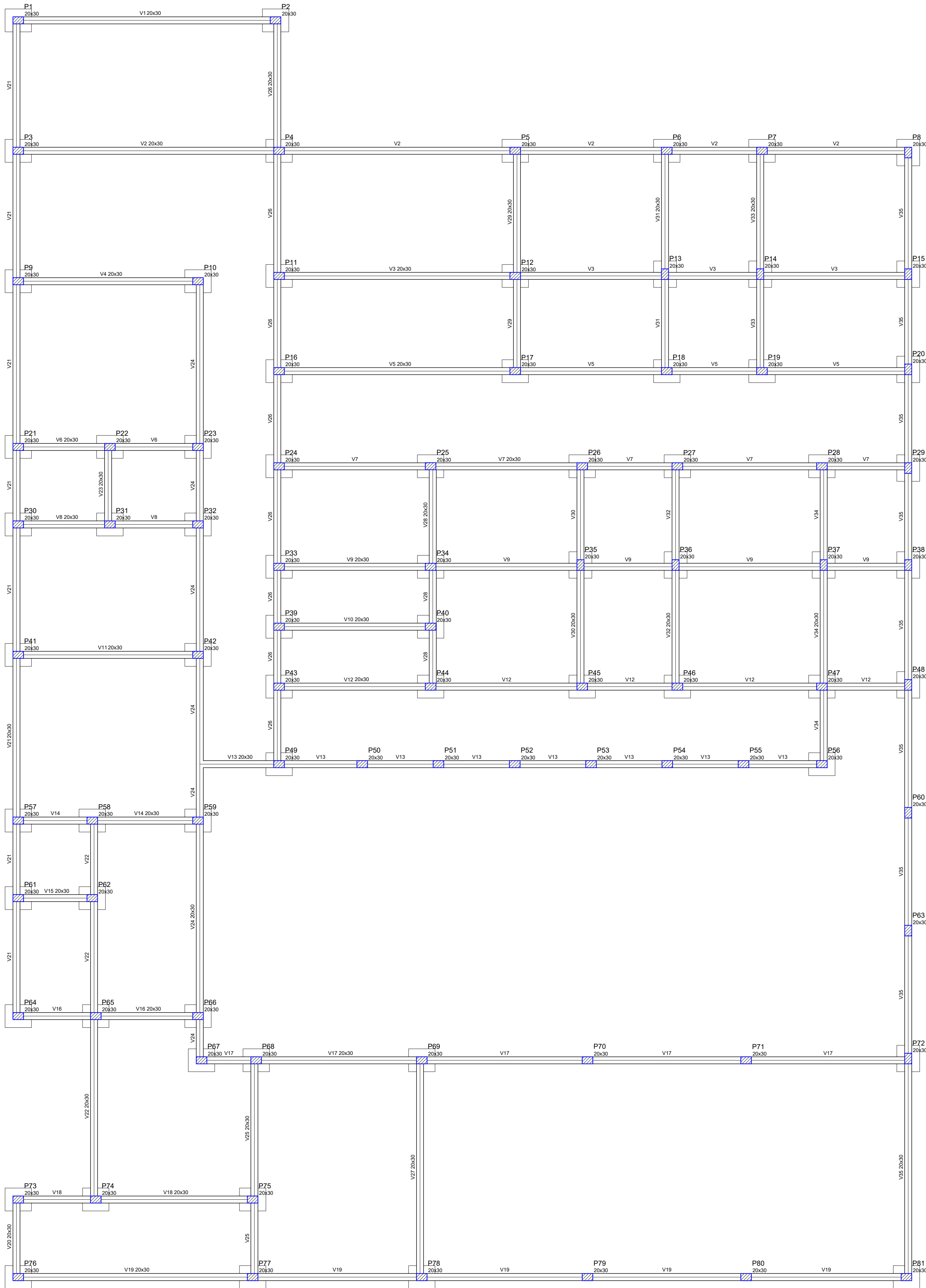


Planta de localização
escala 1:50

Nome	Seção	Carga Máx				Carga Mín				Fundações				h1 (cm)	h2 (cm)
		X (cm)	Y (cm)	Mx (kgf/m)	My (kgf/m)	Fx (kgf)	Fy (kgf)	Lado B	Lado H						
P1	20x30	303.78	303.78	3575.00	2.3	2.1	1.00	300	0.5	0.2	65	75	25	25	120
P2	20x30	1033.78	303.78	3575.00	2.3	2.1	1.00	300	0.5	0.2	65	75	25	25	120
P3	20x30	203.78	303.78	3005.00	2.8	2.7	1.00	300	0.5	0.1	65	75	25	25	120
P4	20x30	1043.78	303.78	3005.00	3.9	3.7	1.00	300	0.2	0.1	65	75	25	25	120
P5	20x30	1713.78	303.78	3005.00	2.8	2.8	1.00	200	0.3	0.2	65	75	25	25	120
P6	20x30	2143.78	303.78	3005.00	2.2	1.9	1.00	200	0.2	0.2	65	75	25	25	120
P7	20x30	2413.78	303.78	3005.00	2.3	1.9	1.00	200	0.2	0.2	65	75	25	25	120
P8	20x30	2628.78	303.78	3005.00	1.8	1.5	1.00	200	0.2	0.1	65	75	25	25	120
P9	20x30	303.78	303.78	2855.00	2.8	2.5	1.00	200	0.3	0.1	65	75	25	25	120
P10	20x30	813.78	2855.00	2.2	1.9	1.00	200	0.3	0.2	65	75	25	25	120	
P11	20x30	1043.78	2855.00	2.6	2.4	1.00	300	0.4	0.1	65	75	25	25	120	
P12	20x30	1713.78	2855.00	3.4	3.2	1.00	200	0.3	0.2	65	75	25	25	120	
P13	20x30	2143.78	2855.00	2.2	1.9	1.00	200	0.2	0.2	65	75	25	25	120	
P14	20x30	2408.78	2855.00	2.8	2.5	1.00	200	0.2	0.1	65	75	25	25	120	
P15	20x30	2628.78	2855.00	2.2	2.0	1.00	200	0.2	0.1	65	75	25	25	120	
P16	20x30	1043.78	2090.00	2.5	2.2	1.00	300	0.4	0.1	65	75	25	25	120	
P17	20x30	1713.78	2090.00	2.8	2.5	1.00	200	0.2	0.1	65	75	25	25	120	
P18	20x30	2143.78	2090.00	2.1	1.7	1.00	200	0.2	0.1	65	75	25	25	120	
P19	20x30	2413.78	2090.00	2.2	1.8	1.00	200	0.2	0.1	65	75	25	25	120	
P20	20x30	2628.78	2090.00	2.1	1.8	1.00	200	0.2	0.1	65	75	25	25	120	
P21	20x30	303.78	2090.00	2.2	1.8	1.00	200	0.2	0.2	65	75	25	25	120	
P22	20x30	863.78	2090.00	1.9	1.5	1.00	200	0.2	0.1	65	75	25	25	120	
P23	20x30	813.78	2090.00	2.2	1.8	1.00	200	0.1	0.2	65	75	25	25	120	
P24	20x30	1043.78	2110.00	2.2	1.9	1.00	200	0.2	0.1	65	75	25	25	120	
P25	20x30	1473.51	2110.15	2.4	2.1	1.00	200	0.1	0.1	65	75	25	25	120	
P26	20x30	1603.78	2110.00	2.1	1.8	1.00	200	0.2	0.1	65	75	25	25	120	
P27	20x30	2173.78	2110.00	2.1	1.8	1.00	200	0.2	0.1	65	75	25	25	120	
P28	20x30	2368.78	2110.00	2.1	1.8	1.00	200	0.2	0.1	65	75	25	25	120	
P29	20x30	2628.78	2110.00	1.9	1.5	1.00	100	0.1	0.1	65	75	25	25	120	
P30	20x30	303.78	2145.00	1.9	1.5	1.00	200	0.2	0.2	65	75	25	25	120	
P31	20x30	863.78	2145.00	1.9	1.5	1.00	200	0.2	0.1	65	75	25	25	120	
P32	20x30	303.78	2145.00	1.9	1.5	1.00	200	0.2	0.1	65	75	25	25	120	
P33	20x30	1043.78	2025.00	2.0	1.7	1.00	200	0.3	0.1	65	75	25	25	120	
P34	20x30	1473.78	2025.00	2.8	2.4	1.00	200	0.2	0.1	65	75	25	25	120	
P35	20x30	1688.78	2030.00	2.7	2.5	1.00	200	0.3	0.2	65	75	25	25	120	
P36	20x30	2168.78	2030.00	2.8	2.5	1.00	100	0.2	0.2	65	75	25	25	120	
P37	20x30	2368.78	2030.00	2.8	2.4	1.00	100	0.2	0.1	65	75	25	25	120	
P38	20x30	2628.78	2030.00	2.6	1.6	1.00	100	0.1	0.1	65	75	25	25	120	
P39	20x30	1043.78	1855.00	1.8	1.5	1.00	200	0.2	0.1	65	75	25	25	120	
P40	20x30	1473.78	1855.00	1.9	1.6	1.00	200	0.2	0.1	65	75	25	25	120	
P41	20x30	303.78	1775.00	2.8	2.5	1.00	200	0.3	0.1	65	75	25	25	120	
P42	20x30	813.78	1775.00	2.8	2.5	1.00	200	0.3	0.1	65	75	25	25	120	
P43	20x30	1043.78	1685.00	2.0	1.7	1.00	200	0.2	0.1	65	75	25	25	120	
P44	20x30	1473.78	1685.00	2.3	1.9	1.00	200	0.1	0.1	65	75	25	25	120	
P45	20x30	1603.78	1685.00	2.2	1.9	1.00	200	0.2	0.2	65	75	25	25	120	
P46	20x30	2173.78	1685.00	2.2	1.9	1.00	200	0.2	0.2	65	75	25	25	120	
P47	20x30	2368.78	1685.00	2.6	2.3	1.00	200	0.2	0.1	65	75	25	25	120	
P48	20x30	2628.78	1685.00	2.1	1.7	1.00	100	0.1	0.1	65	75	25	25	120	
P49	20x30	1043.78	1465.00	1.9	1.6	1.00	200	0.2	0.2	65	75	25	25	120	
P50	20x30	1279.85	1465.00	1.3	1.1	1.00	200	0.2	0.1	0	0	0	0	0	120
P51	20x30	1468.83	1465.00	1.3	1.1	1.00	200	0.2	0.1	0	0	0	0	0	120
P52	20x30	1712.40	1465.00	1.3	1.1	1.00	200	0.2	0.1	0	0	0	0	0	120
P53	20x30	1468.78	1465.00	1.3	1.1	1.00	200	0.2	0.1	0	0	0	0	0	120
P54	20x30	2145.15	1465.00	1.3	1.1	1.00	200	0.2	0.1	0	0	0	0	0	120
P55	20x30	2361.53	1465.00	1.3	1.1	1.00	200	0.2	0.1	0	0	0	0	0	120
P56	20x30	2583.78	1465.00	1.4	0.9	1.00	100	0.1	0.1	65	75	25	25	120	
P57	20x30	303.78	1305.00	2.2	1.7	1.00	100	0.1	0.2	65	75	25	25	120	
P58	20x30	813.78	1305.00	1.8	1.5	1.00	200	0.2	0.1	65	75	25	25	120	
P59	20x30	813.78	1305.00	2.8	2.6	1.00	100	0.2	0.1	65	75	25	25	120	
P60	20x30	2628.78	1307.31	1.7	1.5	1.00	200	0.1	0.1	0	0	0	0	0	120
P61	20x30	303.78	1085.00	1.9	1.4	1.00	200	0.1	0.2	65	75	25	25	120	
P62	20x30	813.78	1085.00	2.0	1.4	1.00	200	0.1	0.1	65	75	25	25	120	
P63	20x30	2628.78	992.72	1.6	1.5	1.00	200	0.1	0.1	0	0	0	0	0	120
P64	20x30	303.78	750.30	1.6	1.1	1.00	200	0.2	0.2	65	75	25	25	120	
P65	20x30	813.78	750.30	2.1	1.6	1.00	200	0.2	0.2	65	75	25	25	120	
P66	20x30	813.78	750.30	2.6	2.0	1.00	200	0.2	0.3	65	75	25	25	120	
P67	20x30	1468.78	625.00	2.0	1.6	1.00	200	0.2	0.2	65	75	25	25	120	
P68	20x30	678.78	625.00	2.5	1.8	1.00	200	0.3	0.2	65	75	25	25	120	
P69	20x30	1468.78	625.00	2.0	1.6	1.00	200	0.2	0.2	65	75	25	25	120	
P70	20x30	1918.78	625.00	2.0	1.8	200	200	0.1	0.1	0	0	0	0	0	120
P71	20x30	2628.78	625.00	2.0	1.8	200	200	0.1	0.1	0	0	0	0	0	120
P72	20x30	2628.78	625.00	2.9	2.6	200	200	0.2	0.3	65	75	25	25	120	
P73	20x30	303.78	230.00	1.4	0.9	1.00	200	0.2	0.1	65	75	25	25	120	
P74	20x30	813.78	230.00	1.4	0.9	1.00	200	0.2	0.1	65	75	25	25	120	
P75	20x30	968.78	230.00	2.4	2.1	1.00	200	0.2	0.2	65	75	25	25	120	
P76	20x30	1468.78	230.00	2.0	1.6	1.00	200	0.2	0.2	65	75	25	25	120	
P77	20x30	1668.78	1000.00	2.8	2.4	1.00	200	0.3	0.1	65	75	25	25	120	
P78	20x30	1468.78	1000.00	2.0	1.6	1.00	200	0.2	0.2	65	75	25	25	120	
P79	20x30	1918.78	1000.00	2.0	1.8	200	200	0.1	0.1	0	0	0	0	0	120
P80	20x30	2628.78	1000.00	2.0	1.8	200	200	0.1	0.1	0	0	0	0	0	120
P81	20x30	2823.78	1000.00	2.3	2.0	200	200	0.2	0.3	65	75	25	25	120	



Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	20x30	0	0
V2	20x30	0	0
V3	20x30	0	0
V4	20x30	0	0
V5	20x30	0	0
V6	20x30	0	0
V7	20x30	0	0
V8	20x30	0	0
V9	20x30	0	0
V10	20x30	0	0
V11	20x30	0	0
V12	20x30	0	0
V13	20x30	0	0
V14	20x30	0	0
V15	20x30	0	0
V16	20x30	0	0
V17	20x30	0	0
V18	20x30	0	0
V19	20x30	0	0
V20	20x30	0	0
V21	20x30	0	0
V22	20x30	0	0
V23	20x30	0	0
V24	20x30	0	0
V25	20x30	0	0
V26	20x30	0	0
V27	20x30	0	0
V28	20x30	0	0
V29	20x30	0	0
V30	20x30	0	0
V31	20x30	0	0
V32	20x30	0	0
V33	20x30	0	0
V34	20x30	0	0
V35	20x30	0	0

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
25.0	24.000

Dimensão máxima do agregado = 19 mm

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	20 x 30	0	0
P2	20 x 30	0	0
P3	20 x 30	0	0
P4	20 x 30	0	0
P5	20 x 30	0	0
P6	20 x 30	0	0
P7	20 x 30	0	0
P8	20 x 30	0	0
P9	20 x 30	0	0
P10	20 x 30	0	0
P11	20 x 30	0	0
P12	20 x 30	0	0
P13	20 x 30	0	0
P14	20 x 30	0	0
P15	20 x 30	0	0
P16	20 x 30	0	0
P17	20 x 30	0	0
P18	20 x 30	0	0
P19	20 x 30	0	0
P20	20 x 30	0	0
P21	20 x 30	0	0
P22	20 x 30	0	0
P23	20 x 30	0	0
P24	20 x 30	0	0
P25	20 x 30	0	0
P26	20 x 30	0	0
P27	20 x 30	0	0
P28	20 x 30	0	0
P29	20 x 30	0	0
P30	20 x 30	0	0
P31	20 x 30	0	0
P32	20 x 30	0	0
P33	20 x 30	0	0
P34	20 x 30	0	0
P35	20 x 30	0	0
P36	20 x 30	0	0
P37	20 x 30	0	0
P38	20 x 30	0	0
P39	20 x 30	0	0
P40	20 x 30	0	0
P41	20 x 30	0	0
P42	20 x 30	0	0
P43	20 x 30	0	0
P44	20 x 30	0	0
P45	20 x 30	0	0
P46	20 x 30	0	0
P47	20 x 30	0	0
P48	20 x 30	0	0
P49	20 x 30	0	0
P50	20 x 30	0	0
P51	20 x 30	0	0
P52	20 x 30	0	0
P53	20 x 30	0	0
P54	20 x 30	0	0
P55	20 x 30	0	0
P56	20 x 30	0	0
P57	20 x 30	0	0
P58	20 x 30	0	0
P59	20 x 30	0	0
P60	20 x 30	0	0
P61	20 x 30	0	0
P62	20 x 30	0	0
P63	20 x 30	0	0
P64	20 x 30	0	0
P65	20 x 30	0	0
P66	20 x 30	0	0
P67	20 x 30	0	0
P68	20 x 30	0	0
P69	20 x 30	0	0
P70	20 x 30	0	0
P71	20 x 30	0	0
P72	20 x 30	0	0
P73	20 x 30	0	0
P74	20 x 30	0	0
P75	20 x 30	0	0
P76	20 x 30	0	0
P77	20 x 30	0	0
P78	20 x 30	0	0
P79	20 x 30	0	0
P80	20 x 30	0	0
P81	20 x 30	0	0

Legenda dos Pilares	
	Pilar que morre
	Pilar que passa
	Pilar que nasce
	Pilar com mudança de seção

Forma do pavimento TÉRREO

escala 1:50



PREFEITURA MUNICIPAL DE
CAMPOS DE JÚLIO

DEPARTAMENTO DE ENGENHARIA

Avenida Valdir Masutti, nº 1999, Bom Jardim - Campos de Júlio

Fone:0xx65-3387-2800

Obra: Creche Pequeno Príncipe

Área de Obra: 1573,20 m²

Entregado: Prefeitura Municipal de Campos de Júlio

Projeto Estrutural

RESPONSÁVEL TÉCNICO

LUÍZ CARLOS CORREIA DE OLIVEIRA

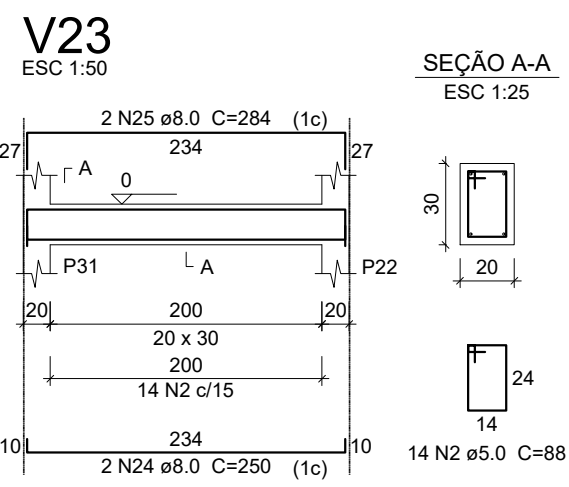
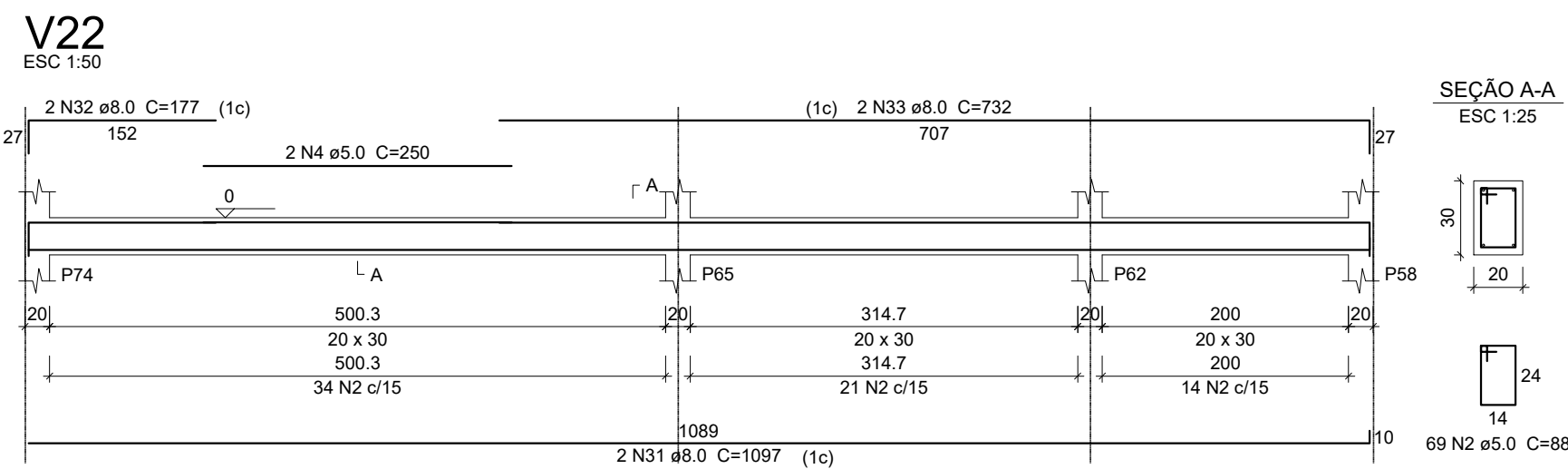
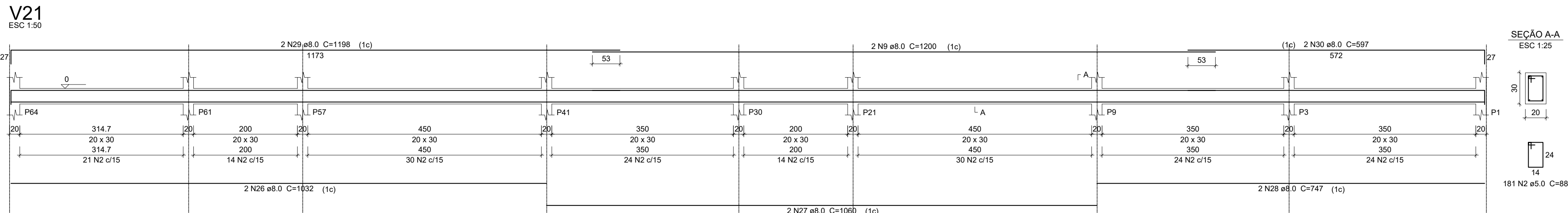
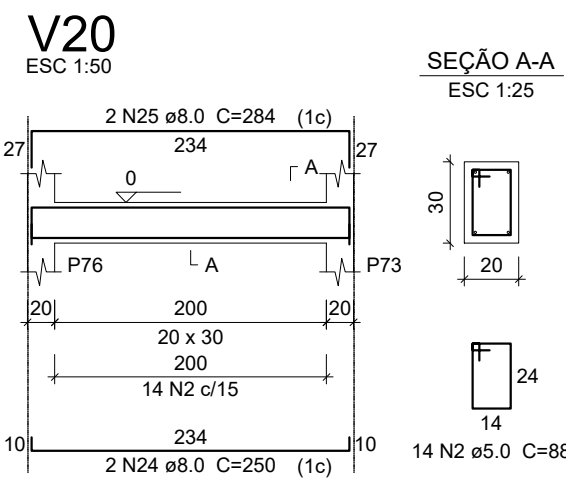
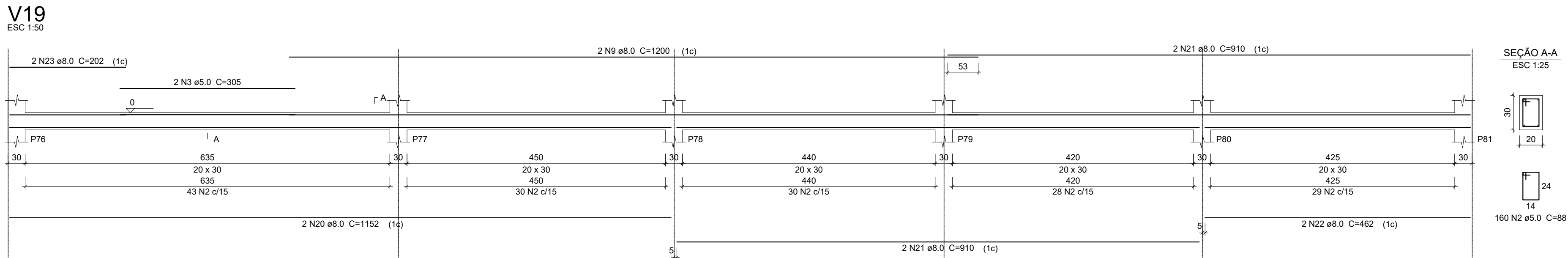
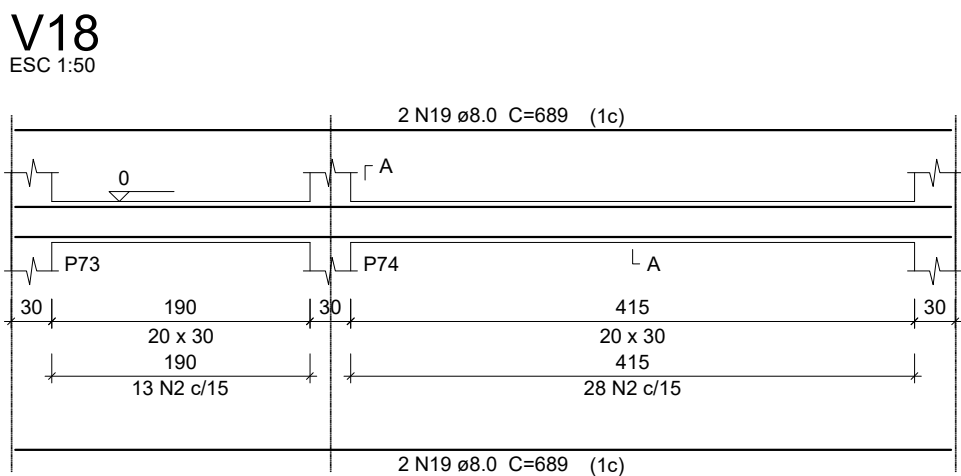
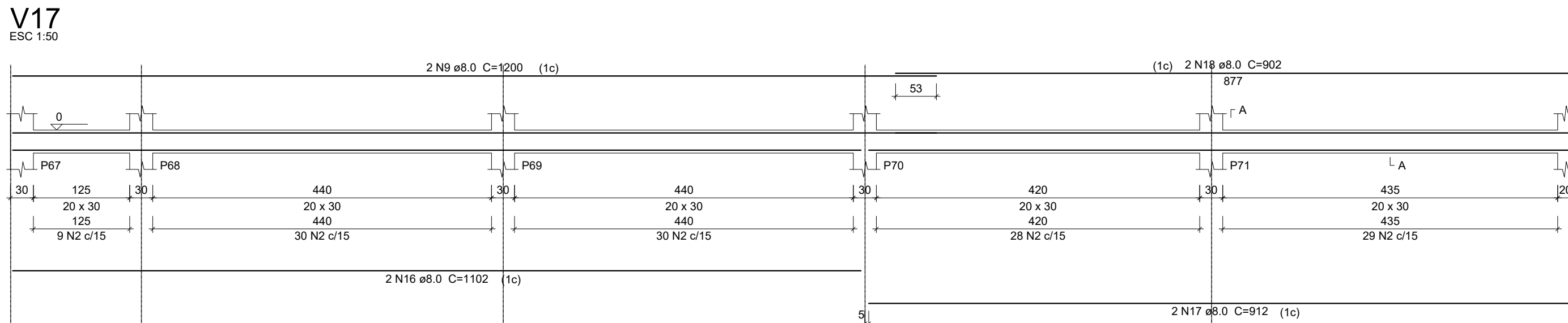
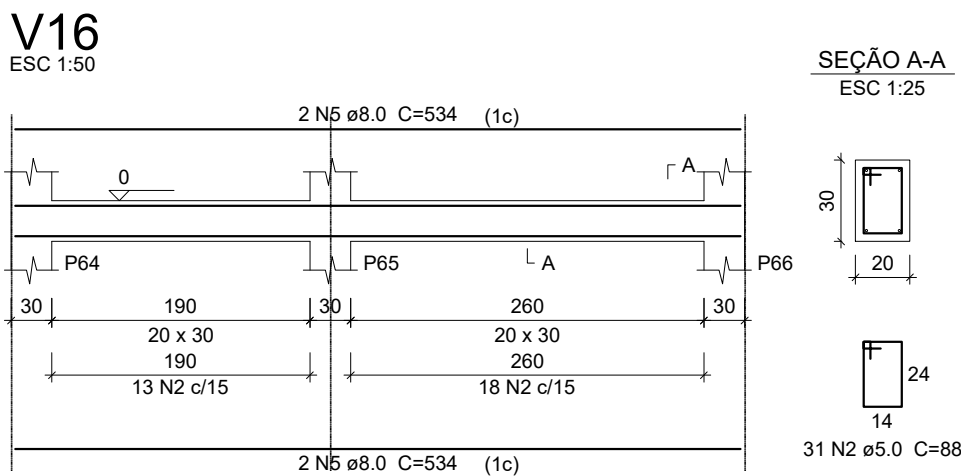
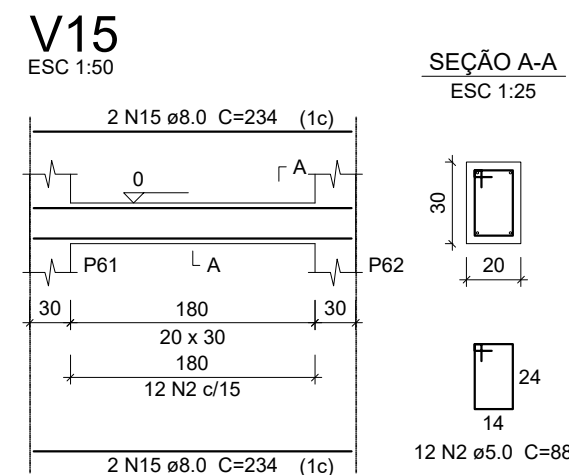
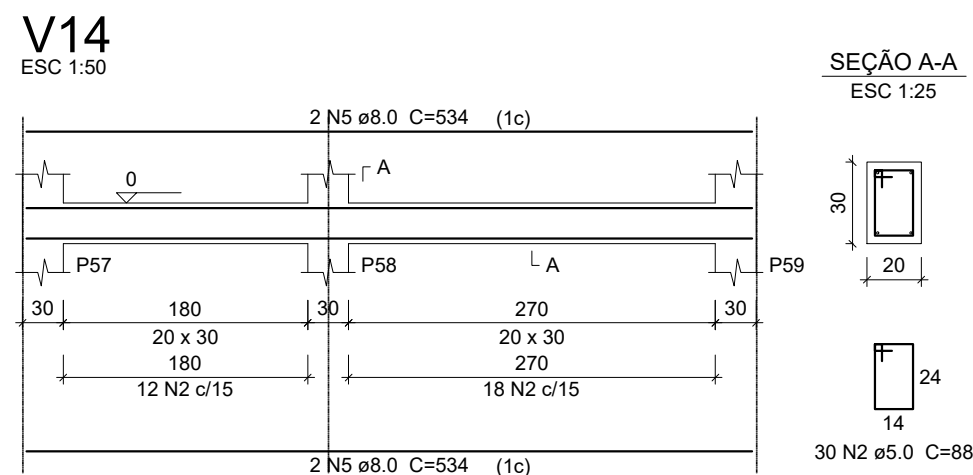
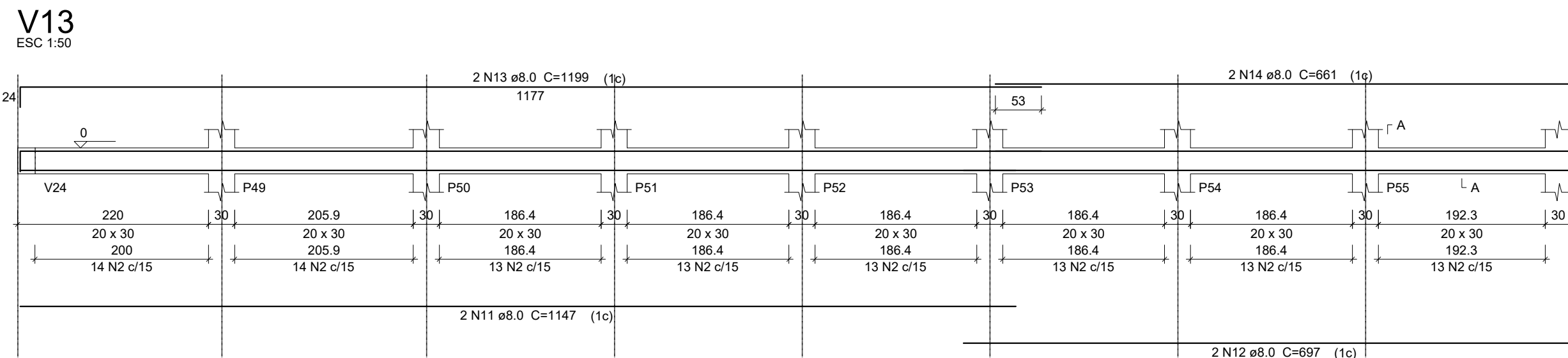
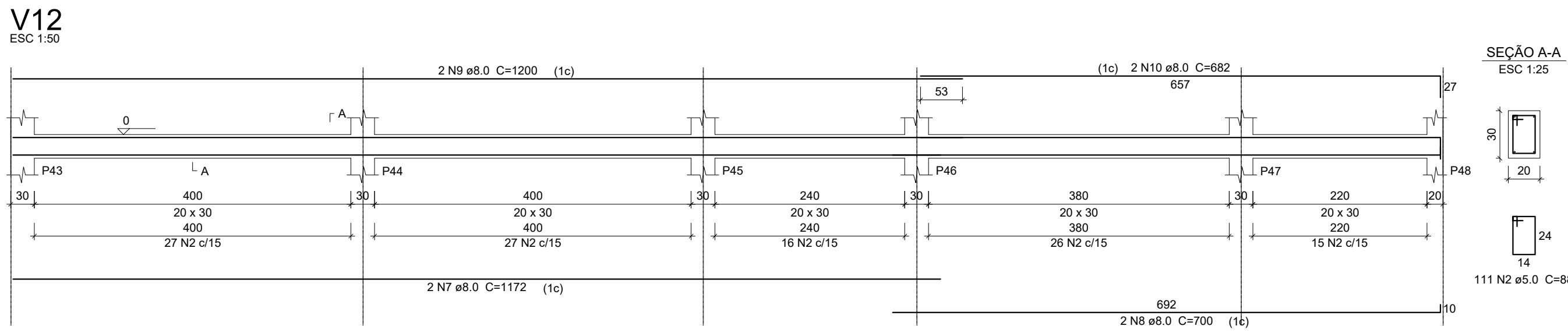
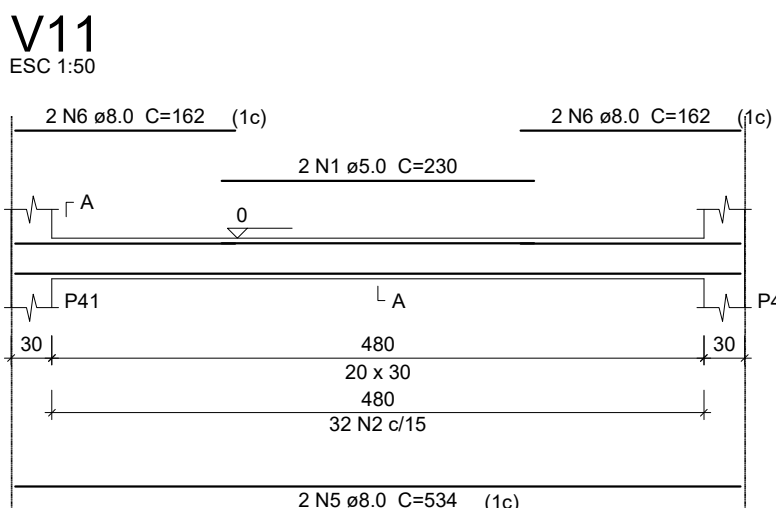
CREA-1202479122

Escala: Indicadas

Data: 25/03/2022

Desenho: Eduardo R. Tosetto


Folha:



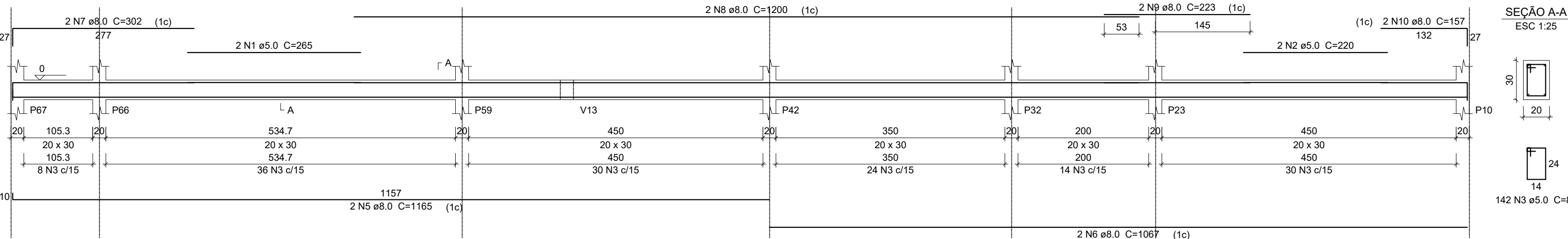
Relação do aço						
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)	
CA60	1	5.0	2	230	460	
	2	5.0	927	88	81576	
	3	5.0	2	305	610	
	4	5.0	2	250	500	
	5	8.0	10	534	5340	
	6	8.0	4	162	648	
	7	8.0	2	1172	2344	
	8	8.0	2	700	1400	
	9	8.0	8	1200	9600	
	10	8.0	2	682	1364	
CA50	11	8.0	2	1147	2294	
	12	8.0	2	697	1394	
	13	8.0	2	1199	2398	
	14	8.0	2	661	1322	
	15	8.0	4	234	936	
	16	8.0	2	1102	2204	
	17	8.0	2	912	1824	
	18	8.0	2	902	1804	
	19	8.0	4	689	2756	
	20	8.0	2	1152	2304	
	21	8.0	4	910	3640	
	22	8.0	2	462	924	
	23	8.0	2	202	404	
	24	8.0	4	250	1000	
	25	8.0	4	284	1136	
	26	8.0	2	1032	2064	
	27	8.0	2	1060	2120	
	28	8.0	2	747	1494	
	29	8.0	2	1198	2396	
	30	8.0	2	597	1194	
	31	8.0	2	1097	2194	
	32	8.0	2	177	354	
	33	8.0	2	732	1464	

Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	603.2	261.8
CA60	5.0	831.5	141
PESO TOTAL (kg)			
CA50		261.8	
CA60		141	

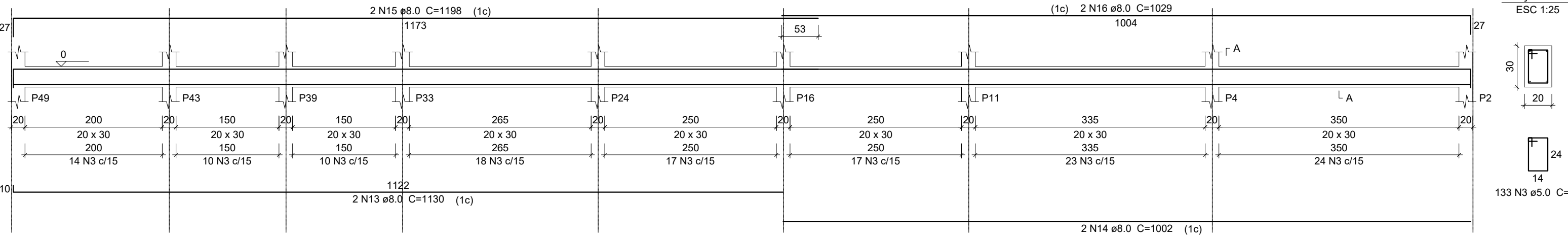
Volume de concreto (C-25) = 9.09 m³
Área de forma = 121.24 m²

		PREFEITURA MUNICIPAL DE CAMPOS DE JÚLIO DEPARTAMENTO DE ENGENHARIA Avenida Valdir Masutti, nº 1999, Bom Jardim - Campos de Júlio Fone:0xx65-3387-2800	
Obra: Creche Pequeno Príncipe		Área de Obra: 1573,20 m²	
Conteúdo: Projeto Estrutural		RESPONSÁVEL TÉCNICO LUIZ CARLOS CORDEIRO DE OLIVEIRA CREA-1382479132	
Data: 25/03/2022		Desenho: Eduardo R. Tosetto	
		Folha: Indicadas	

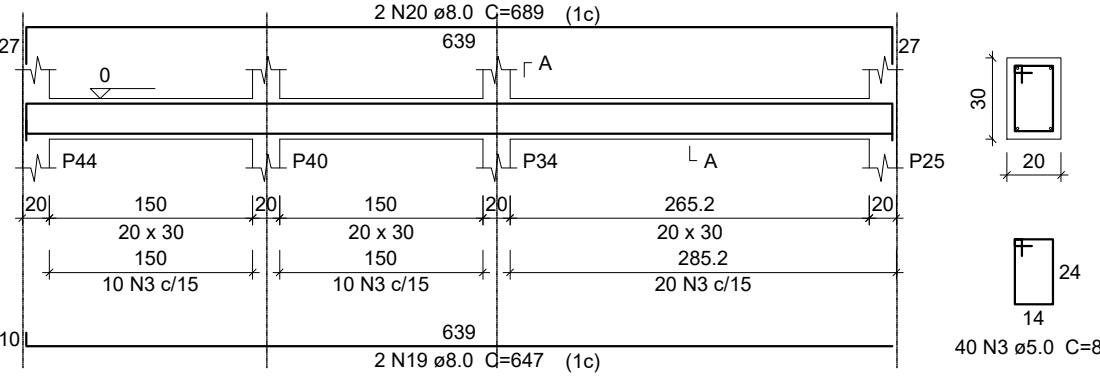
V24
ESC 1:50



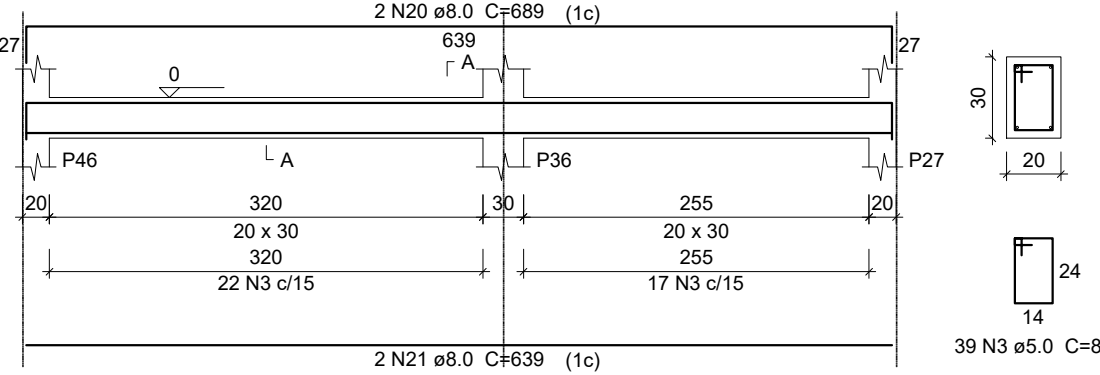
V26
ESC 1:50



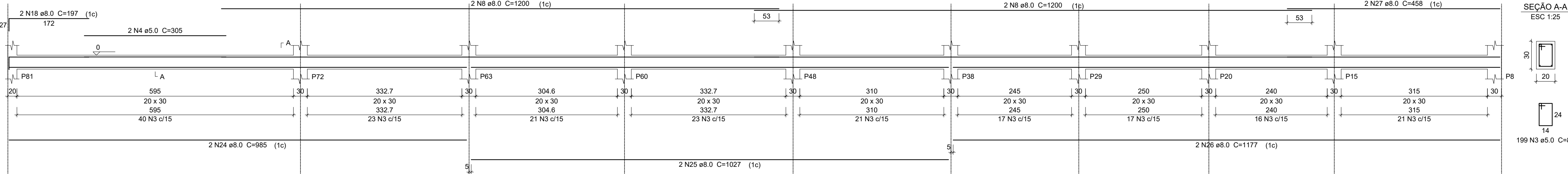
V28
ESC 1:50



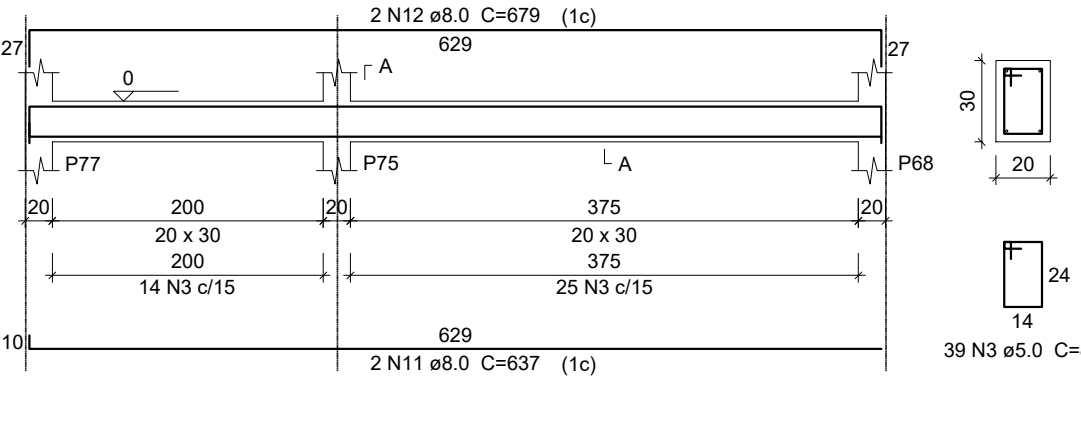
V32
ESC 1:50



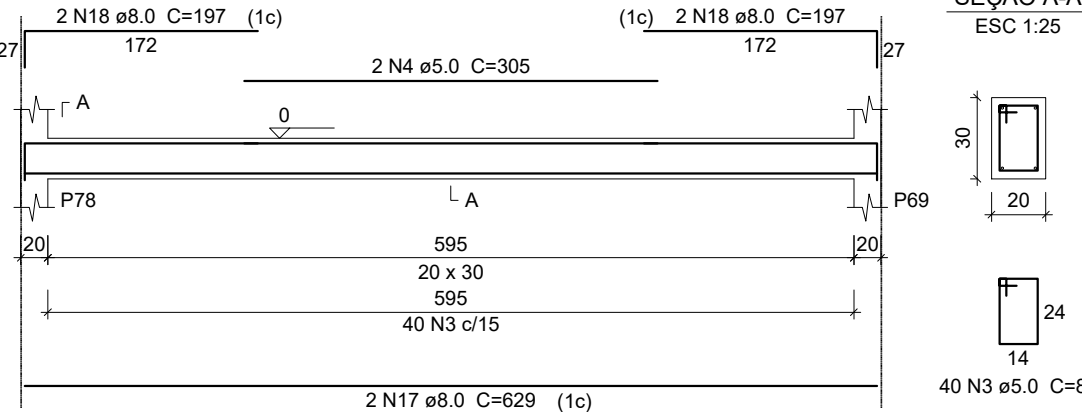
V35
ESC 1:50



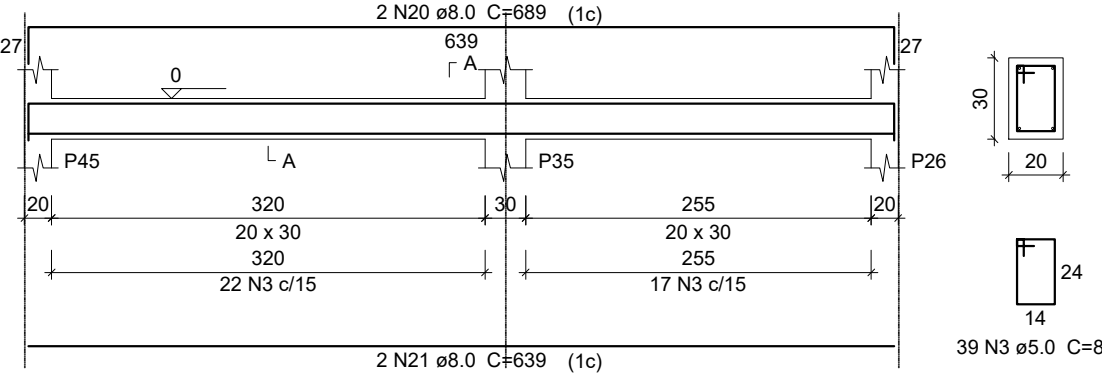
V25
ESC 1:50



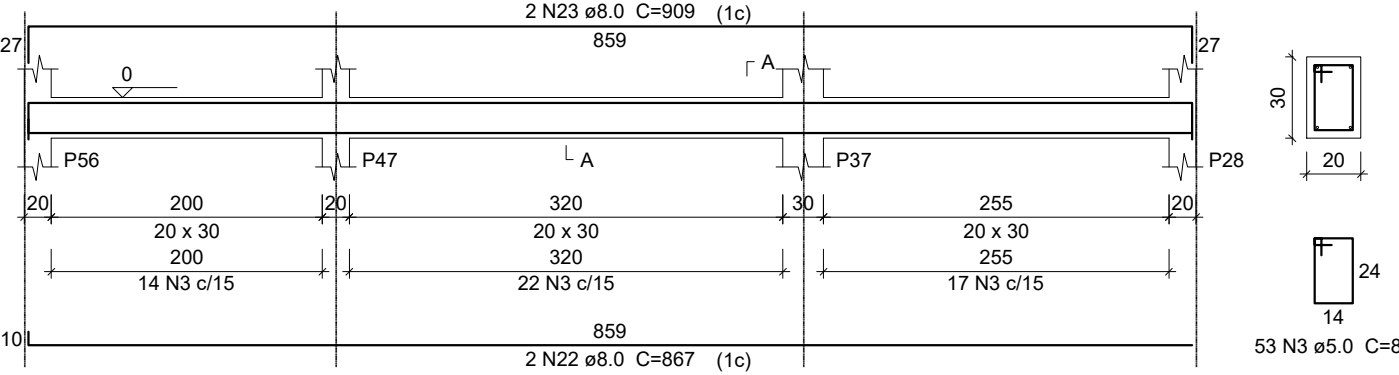
V27
ESC 1:50



V30
ESC 1:50



V34
ESC 1:50



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V24	1	5.0	2	265	530
V25	2	5.0	2	220	440
V26	3	5.0	842	88	74096
V27	4	5.0	4	305	1220
V28	5	8.0	2	1165	2330
V29	6	8.0	2	1067	2134
V30	7	8.0	2	302	604
V31	8	8.0	6	1200	7200
V32	9	8.0	2	223	446
V33	10	8.0	2	157	314
V34	11	8.0	2	637	1274
	12	8.0	2	679	1358
	13	8.0	2	1130	2260
	14	8.0	2	1002	2004
	15	8.0	2	1198	2396
	16	8.0	2	1029	2058
	17	8.0	2	629	1258
	18	8.0	6	197	1182
	19	8.0	2	647	1294
	20	8.0	12	689	8268
	21	8.0	10	639	6390
	22	8.0	2	867	1734
	23	8.0	2	909	1818
	24	8.0	2	985	1970
	25	8.0	2	1027	2054
	26	8.0	2	1177	2354
	27	8.0	2	458	916

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	536.2	232.7
CA60	5.0	762.9	129.3
PESO TOTAL (kg)			
CA50		232.7	
CA60		129.3	

Volume de concreto (C-25) = 8.15 m³
Área de forma = 108.64 m²



PREFEITURA MUNICIPAL DE
CAMPOS DE JÚLIO

DEPARTAMENTO DE ENGENHARIA

Avenida Valdir Masutti, nº 1999, Bom Jardim - Campos de Júlio
Fone:0xx65-3387-2800

Obra: Creche Pequeno Príncipe

Área de Obra: 1573,20 m²

Entregado: Prefeitura Municipal de Campos de Júlio

Projeto Estrutural

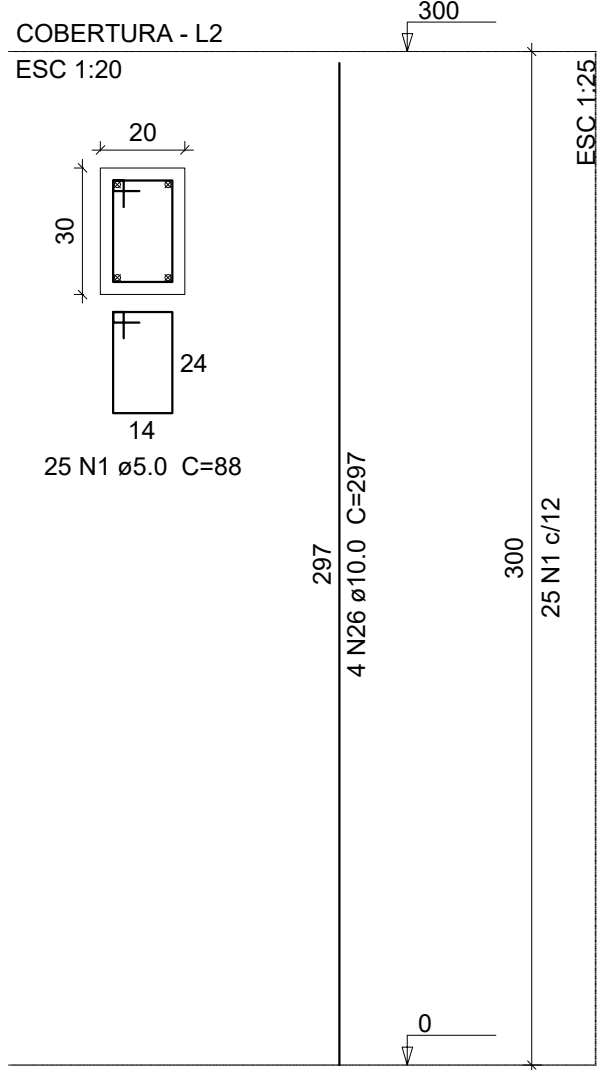
RESPONSÁVEL TÉCNICO
LUIZ CARLOS CORREIA DE OLIVEIRA
CREA-1202479122

Escala: Indicadas

Data: 25/03/2022

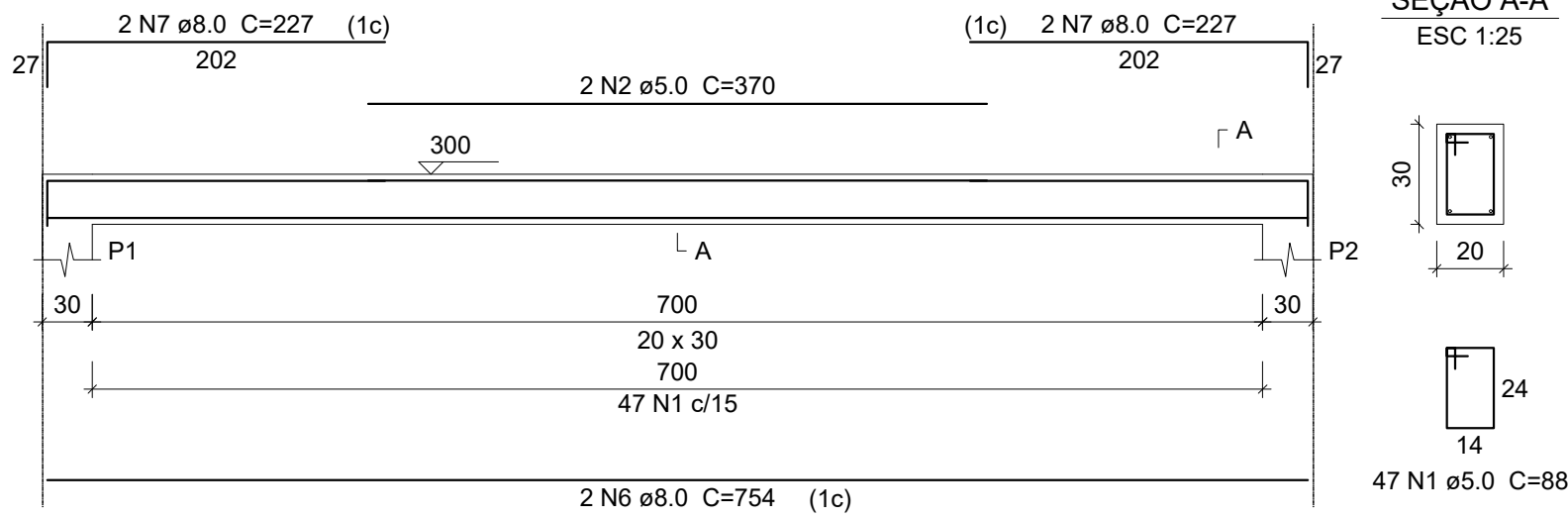
Desenho: Eduardo R. Tosetto

Folha:

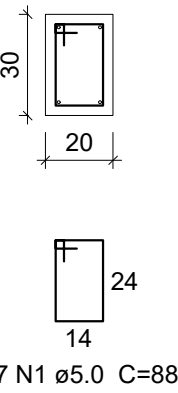


P1=P2=P3=P4=P5=P6=P7=P8=
=P9=P10=P11=P12=P13=P14=
=P15=P16=P17=P18=P19=P20=
=P21=P22=P23=P24=P25=P26=
=P27=P28=P29=P30=P31=P32=
=P33=P34=P35=P36=P37=P38=
=P39=P40=P41=P42=P43=P44=
=P45=P46=P47=P48=P49=P50=
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=P57=P58=P59=P60=P61=P62=
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=P68=P69=P70=P71=P72=P73=
=P74=P75=P76=P77=P78=P79=
=P80=P81=

V1
ESC 1:50



SEÇÃO A-A
ESC 1:25



Relação do aço

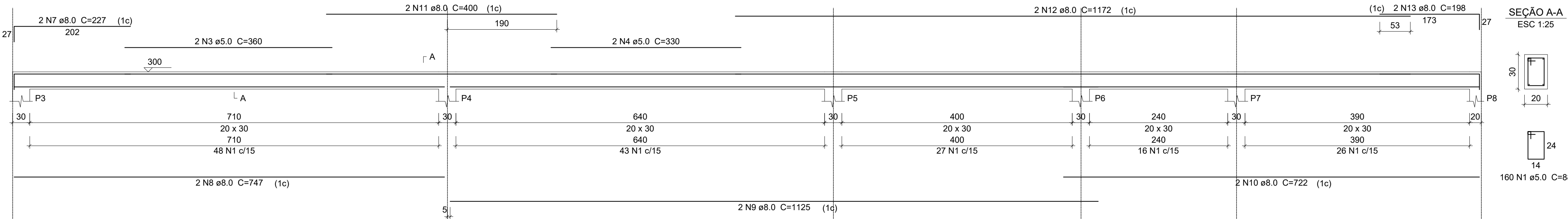
68xP1	V1			V2	
V3	V4			V5	
V6	V7			V8	
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2338	88	205744
	2	5.0	2	370	740
	3	5.0	2	360	720
	4	5.0	6	330	1980
	5	5.0	2	230	460
CA50	6	8.0	2	754	1508
	7	8.0	6	227	1362
	8	8.0	2	747	1494
	9	8.0	2	1125	2250
	10	8.0	2	722	1444
	11	8.0	2	400	800
	12	8.0	4	1172	4688
	13	8.0	6	198	1188
	14	8.0	2	1107	2214
	15	8.0	2	697	1394
	16	8.0	4	207	828
	17	8.0	4	1192	4768
	18	8.0	6	534	3204
	19	8.0	4	187	748
	20	8.0	2	1142	2284
	21	8.0	2	687	1374
	22	8.0	4	584	2336
	23	8.0	2	665	1330
	24	8.0	2	1198	2396
	25	8.0	2	709	1418
	26	10.0	272	297	80784

Resumo do aço

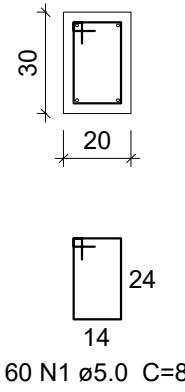
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	390.3	169.4
CA60	10.0	807.9	547.9
PESO TOTAL (kg)			
CA50	717.3		
CA60	355.4		

Volume de concreto (C-25) = 21,98 m³
Área de forma = 341,72 m²

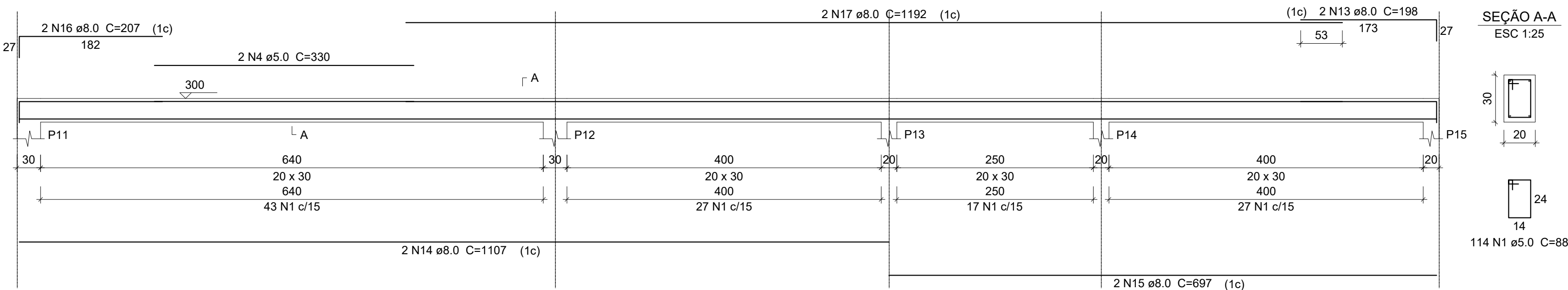
V2
ESC 1:50



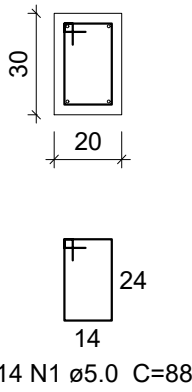
SEÇÃO A-A
ESC 1:25



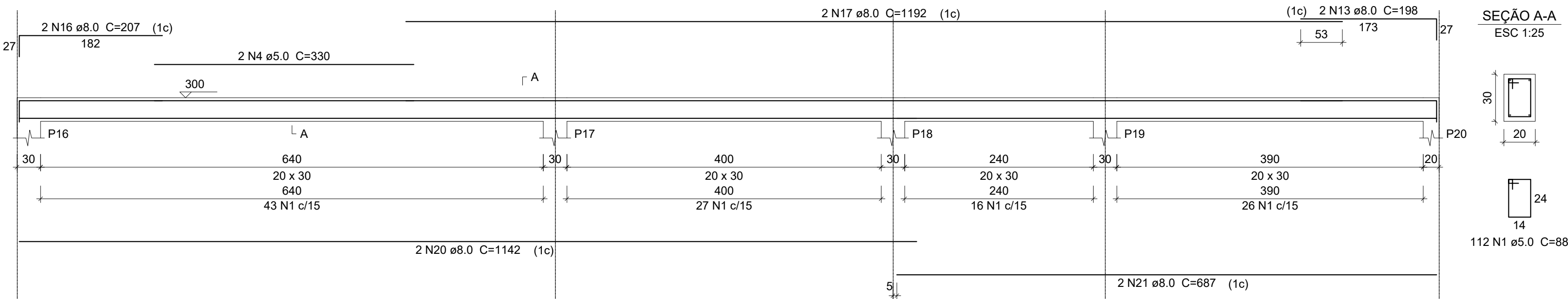
V3
ESC 1:50



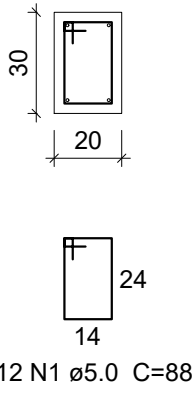
SEÇÃO A-A
ESC 1:25



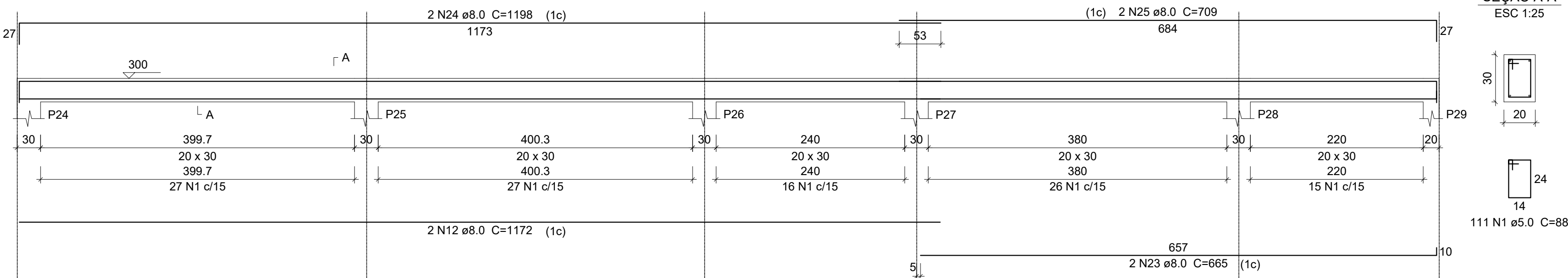
V5
ESC 1:50



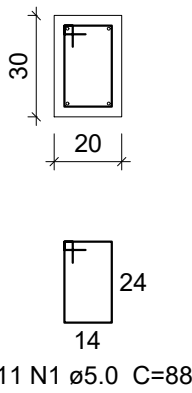
SEÇÃO A-A
ESC 1:25



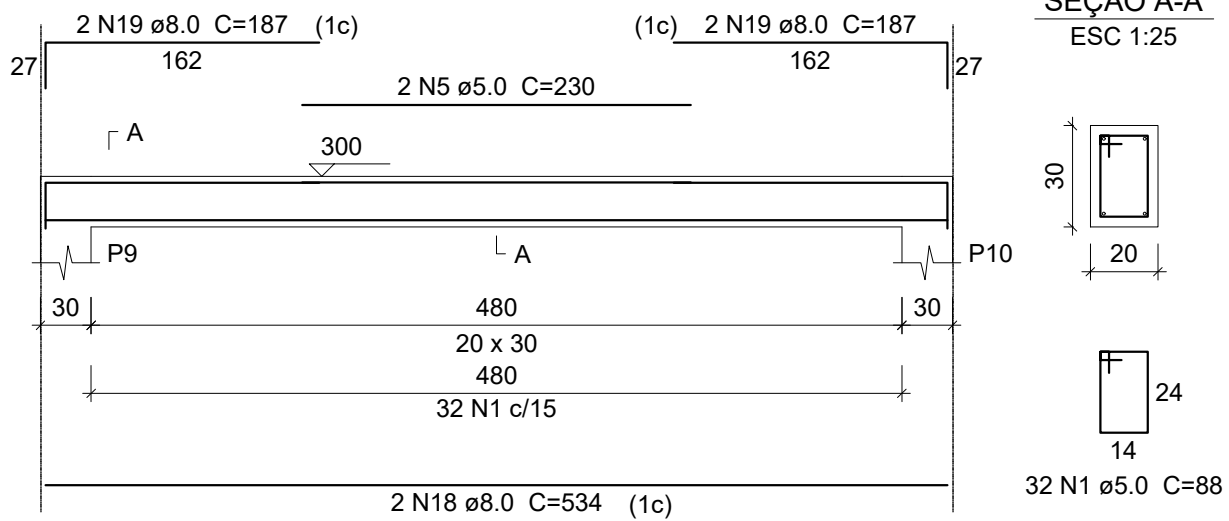
V7
ESC 1:50



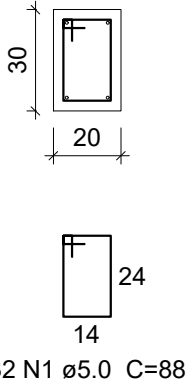
SEÇÃO A-A
ESC 1:25



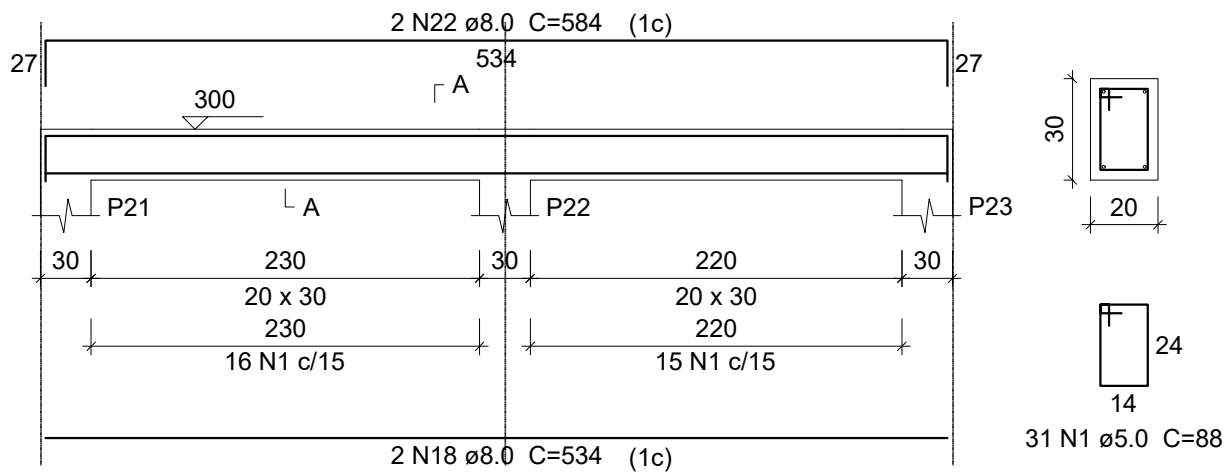
V4
ESC 1:50



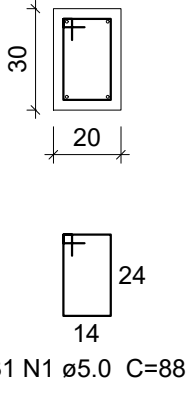
SEÇÃO A-A
ESC 1:25



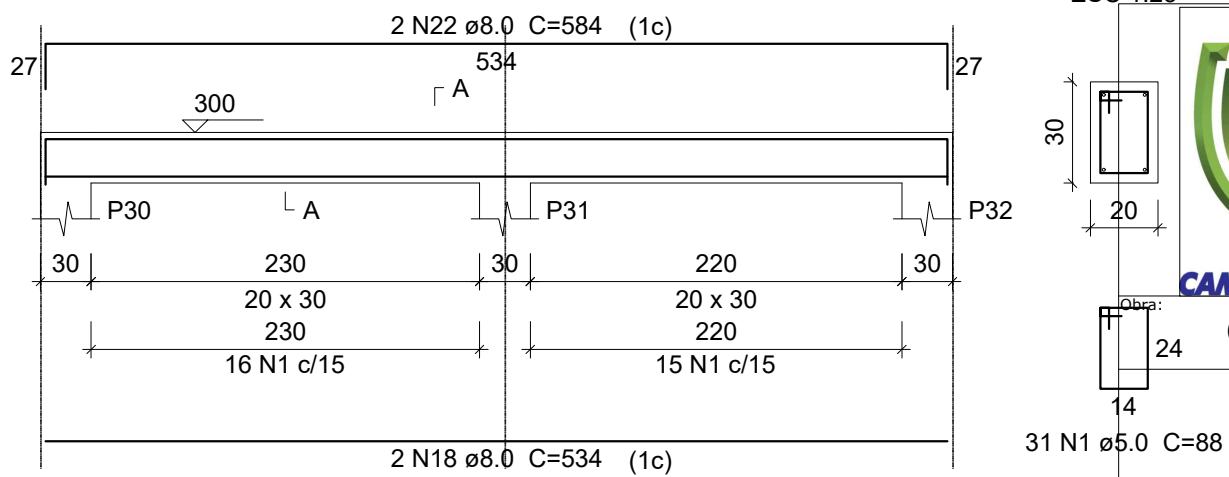
V6
ESC 1:50



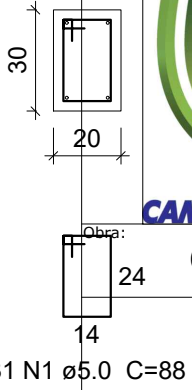
SEÇÃO A-A
ESC 1:25



V8
ESC 1:50



SEÇÃO A-A
ESC 1:25



**PREFEITURA MUNICIPAL DE
CAMPOS DE JÚLIO**

DEPARTAMENTO DE ENGENHARIA
Avenida Valdir Masutti, nº 1999, Bom Jardim - Campos de Júlio
Fone: 0xx65-3387-2800

Creche Pequeno Príncipe

1573,20 m²

RESPONSÁVEL TÉCNICO
LUIS CARLOS CORREIA DE OLIVEIRA
CREA-1202479102

Prefeitura Municipal de Campos de Júlio

Conteúdo: Projeto Estrutural

Escala: Indicadas

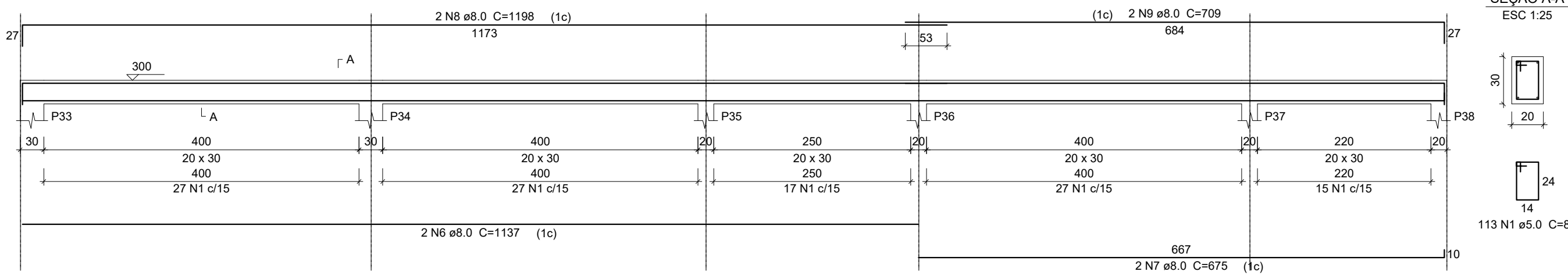
Data: 25/03/2022

Desenho: Eduardo R. Tosoeto

Folha:

V9

ESC 1:50



SEÇÃO A-A

ESC 1:25

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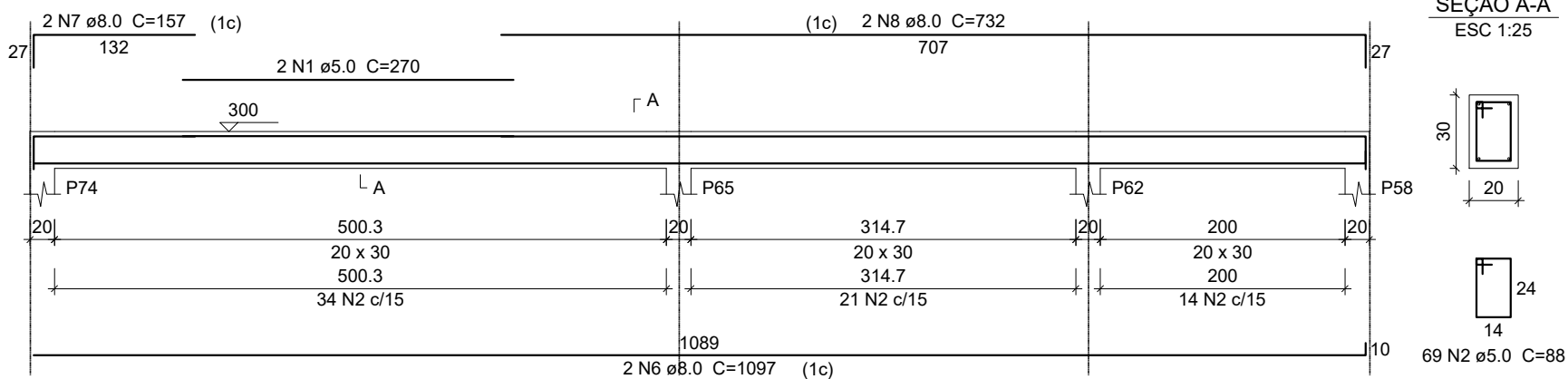
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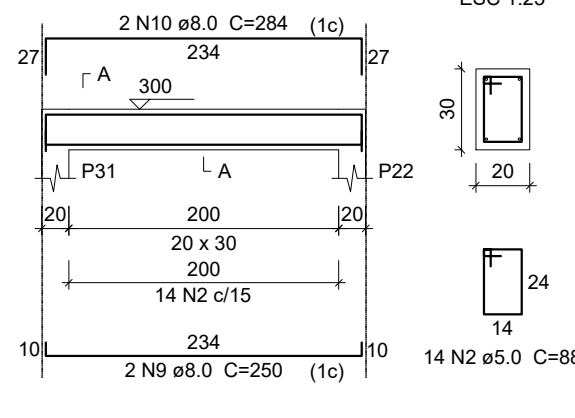
V22

ESC 1:50



V23

ESC 1:50

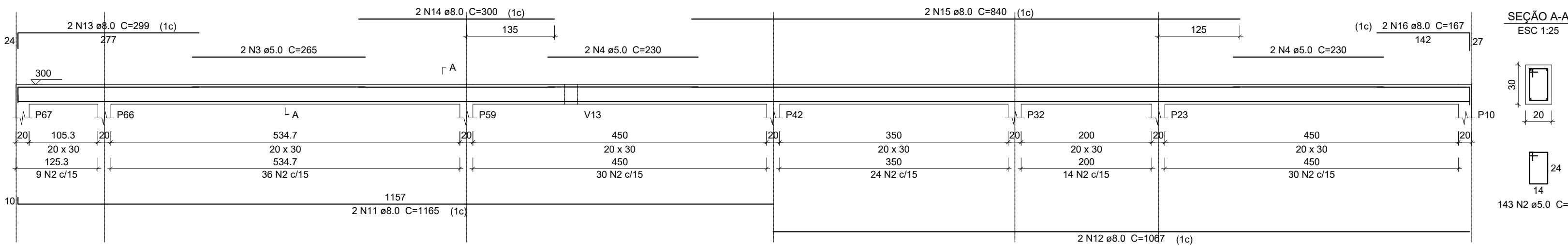


SEÇÃO A-A

ESC 1:25

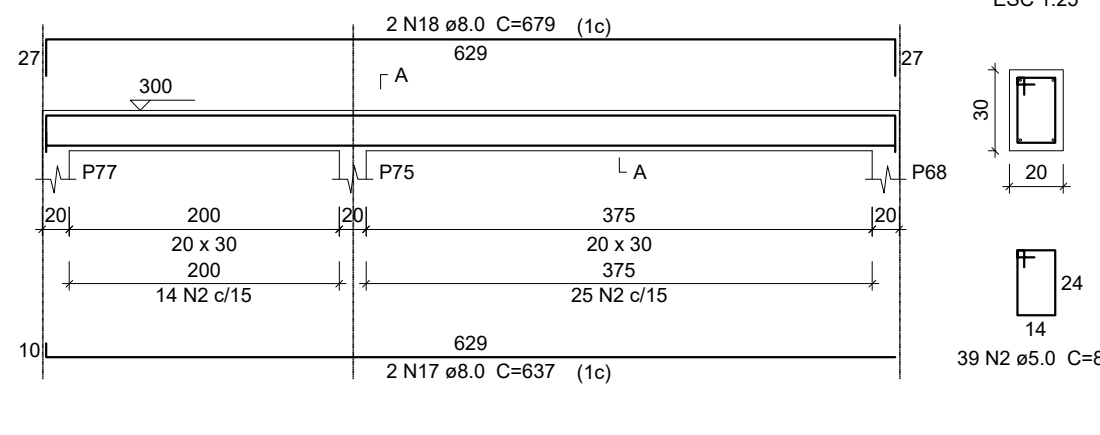
V24

ESC 1:50



V25

ESC 1:50

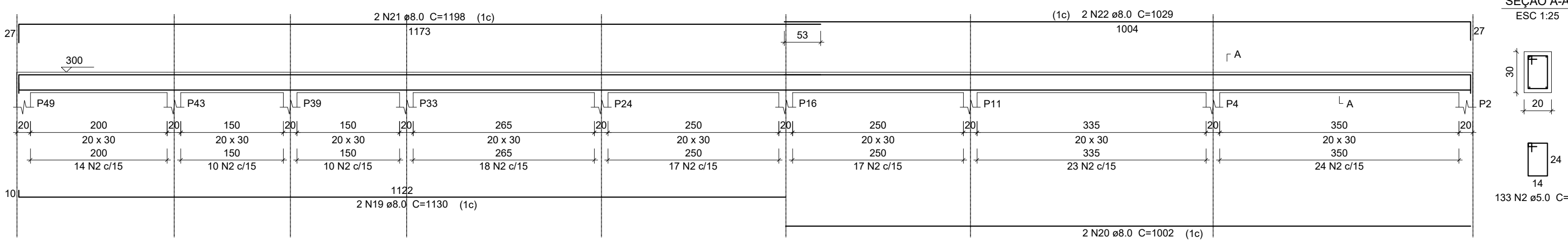


SEÇÃO A-A

ESC 1:25

V26

ESC 1:50

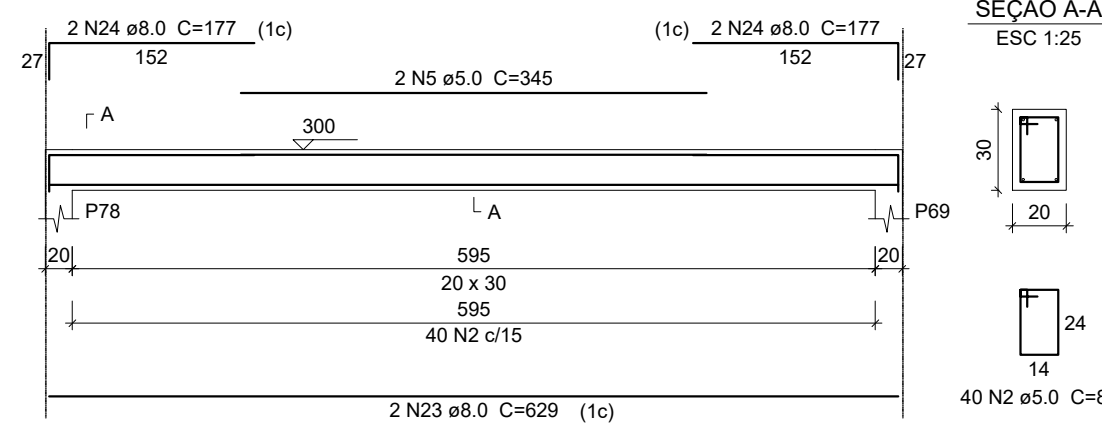


SEÇÃO A-A

ESC 1:25

V27

ESC 1:50

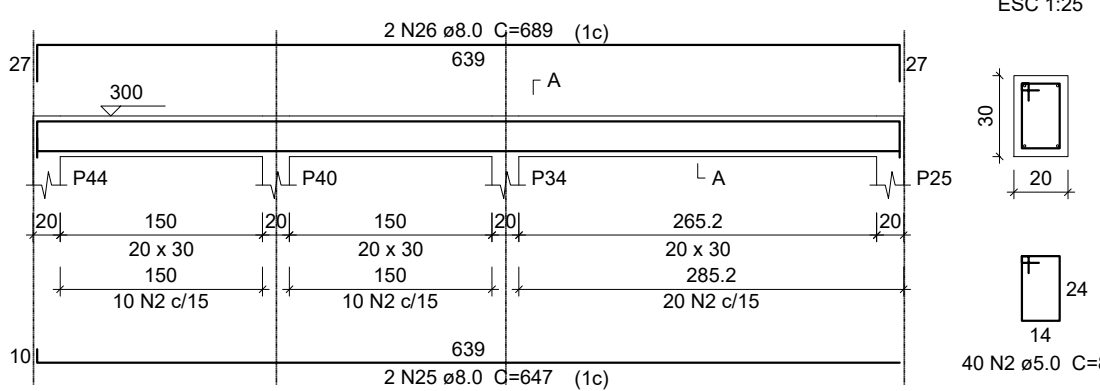


SEÇÃO A-A

ESC 1:25

V28

ESC 1:50

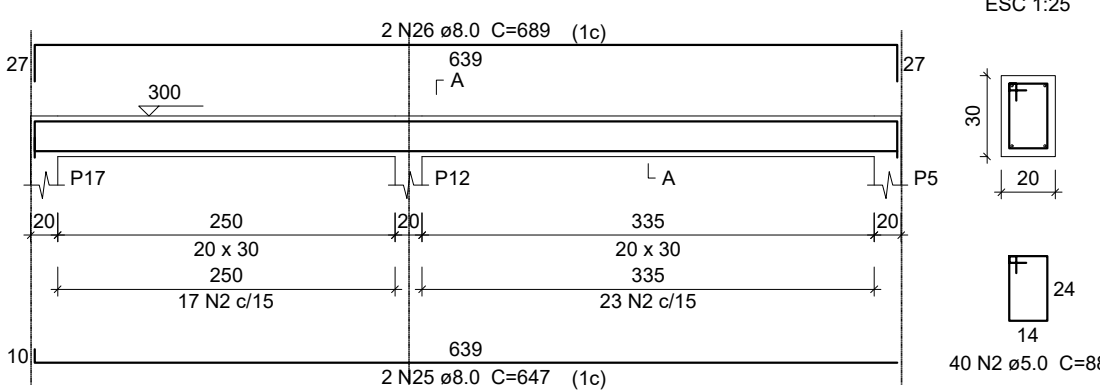


SEÇÃO A-A

ESC 1:25

V29

ESC 1:50

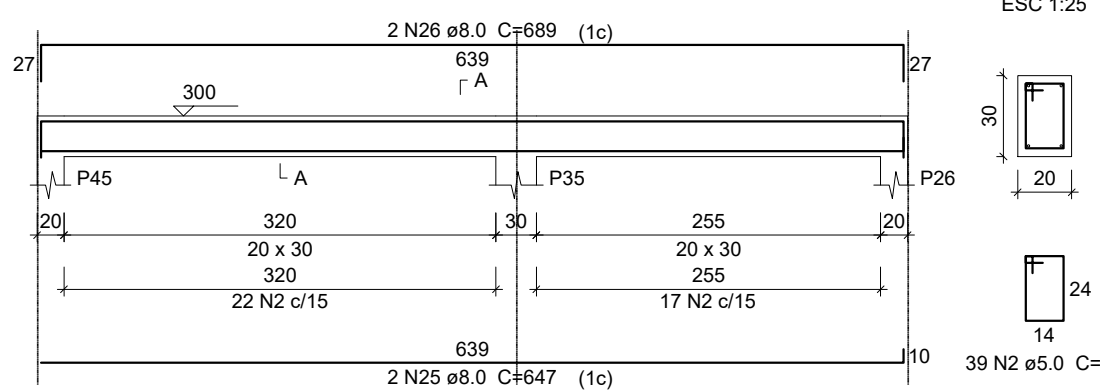


SEÇÃO A-A

ESC 1:25

V30

ESC 1:50

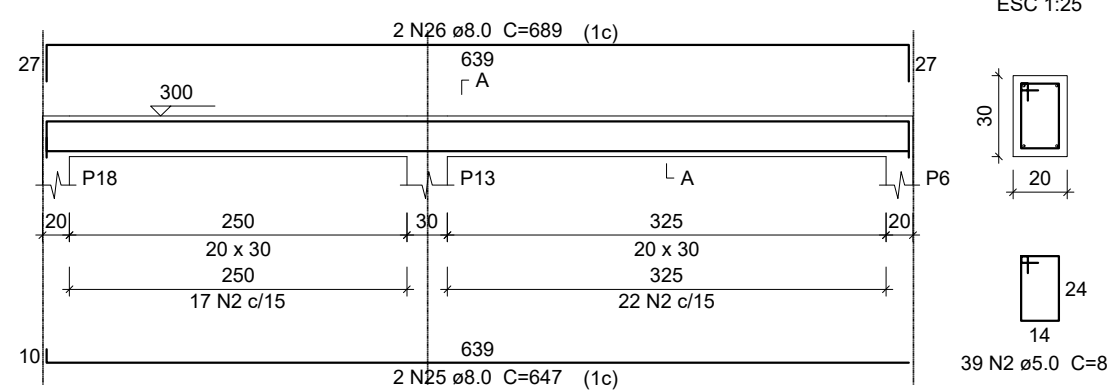


SEÇÃO A-A

ESC 1:25

V31

ESC 1:50

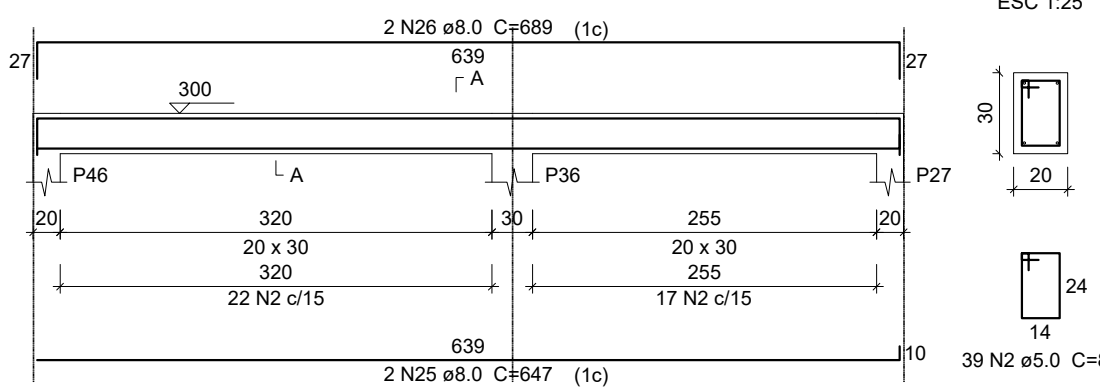


SEÇÃO A-A

ESC 1:25

V32

ESC 1:50

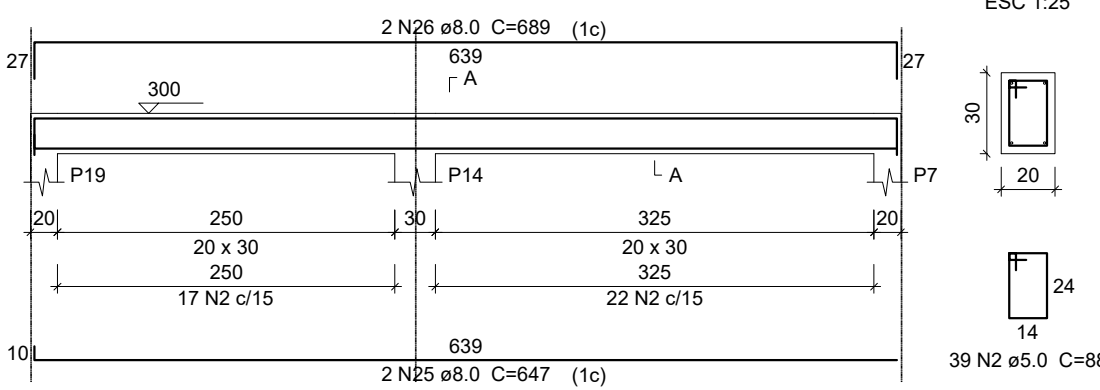


SEÇÃO A-A

ESC 1:25

V33

ESC 1:50

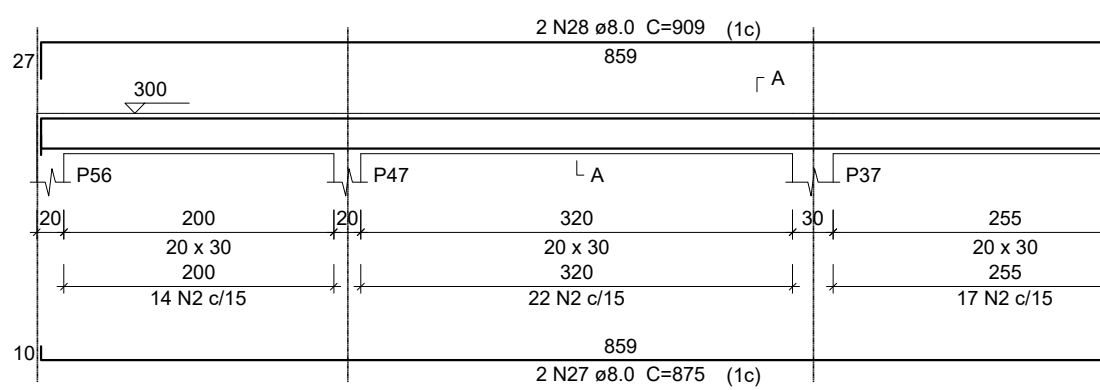


SEÇÃO A-A

ESC 1:25

V34

ESC 1:50

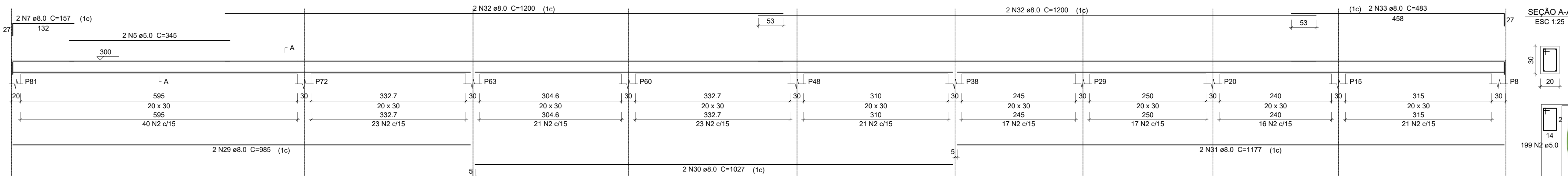


SEÇÃO A-A

ESC 1:25

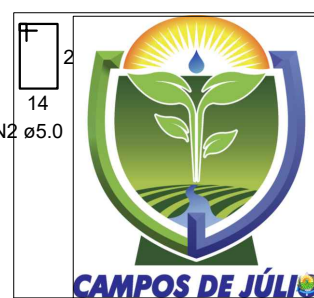
V35

ESC 1:50

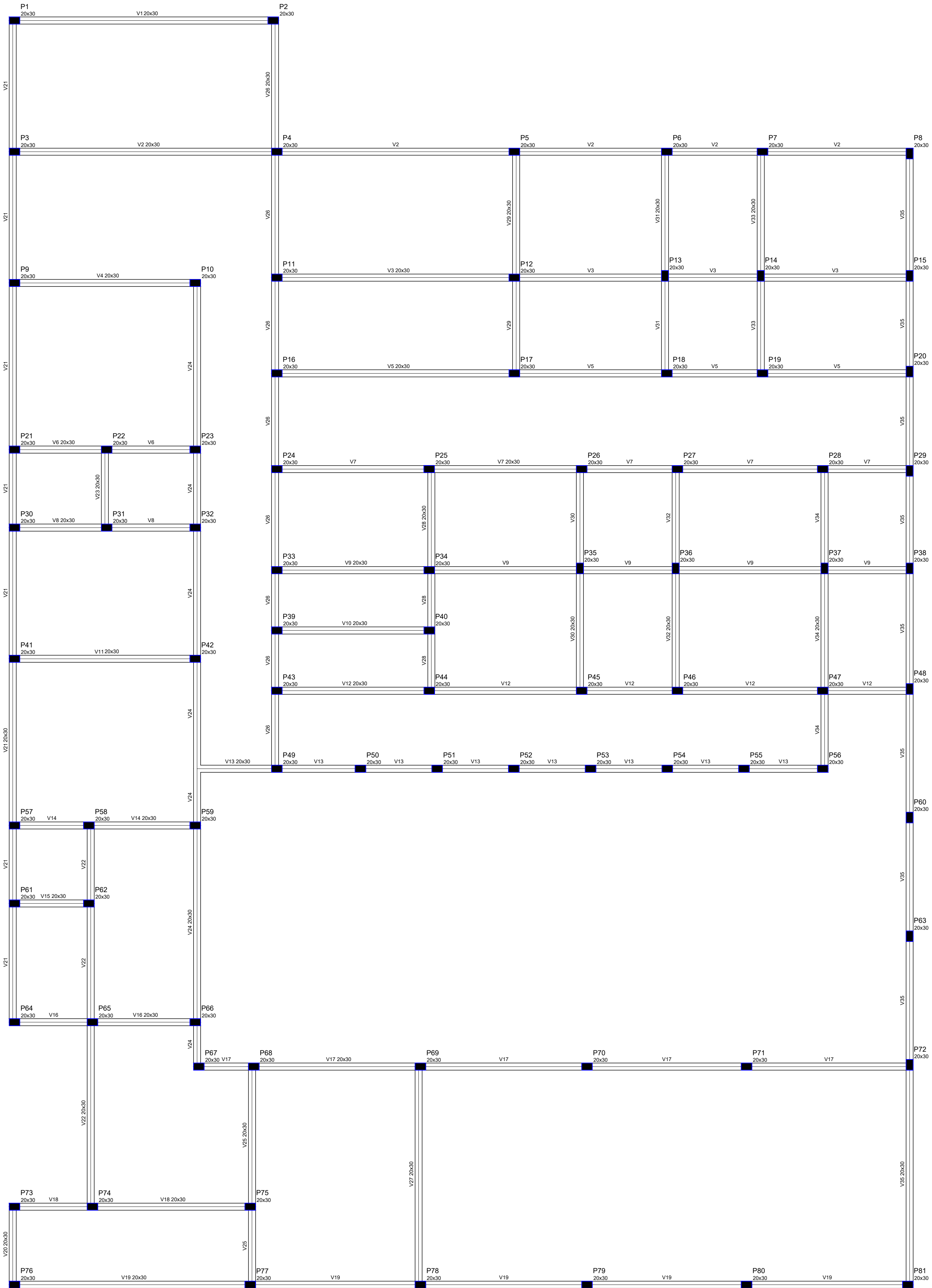


SEÇÃO A-A

ESC 1:25

**PREFEITURA MUNICIPAL DE
CAMPOS DE JÚLIO****DEPARTAMENTO DE ENGENHARIA**Avenida Valdir Masutti, nº 1999, Bom Jardim - Campos de Júlio
Fone:0xx65-3387-2800

Obra:	Creche Pequeno Príncipe	Área de Obra:	1573,20 m ²
Conteúdo:	Projeto Estrutural	RESPONSÁVEL TÉCNICO LUIZ CARLOS CORREIA DE OLIVEIRA CREA-1202479122	Indicadas
Data:	25/03/2022	Desenho:	Eduardo R. Tosetto
Folha:			



Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	20x30	0	300
V2	20x30	0	300
V3	20x30	0	300
V4	20x30	0	300
V5	20x30	0	300
V6	20x30	0	300
V7	20x30	0	300
V8	20x30	0	300
V9	20x30	0	300
V10	20x30	0	300
V11	20x30	0	300
V12	20x30	0	300
V13	20x30	0	300
V14	20x30	0	300
V15	20x30	0	300
V16	20x30	0	300
V17	20x30	0	300
V18	20x30	0	300
V19	20x30	0	300
V20	20x30	0	300
V21	20x30	0	300
V22	20x30	0	300
V23	20x30	0	300
V24	20x30	0	300
V25	20x30	0	300
V26	20x30	0	300
V27	20x30	0	300
V28	20x30	0	300
V29	20x30	0	300
V30	20x30	0	300
V31	20x30	0	300
V32	20x30	0	300
V33	20x30	0	300
V34	20x30	0	300
V35	20x30	0	300

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm³)
250	241500
Dimensão máxima do agregado = 19 mm	

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	20 x 30	0	300
P2	20 x 30	0	300
P3	20 x 30	0	300
P4	20 x 30	0	300
P5	20 x 30	0	300
P6	20 x 30	0	300
P7	20 x 30	0	300
P8	20 x 30	0	300
P9	20 x 30	0	300
P10	20 x 30	0	300
P11	20 x 30	0	300
P12	20 x 30	0	300
P13	20 x 30	0	300
P14	20 x 30	0	300
P15	20 x 30	0	300
P16	20 x 30	0	300
P17	20 x 30	0	300
P18	20 x 30	0	300
P19	20 x 30	0	300
P20	20 x 30	0	300
P21	20 x 30	0	300
P22	20 x 30	0	300
P23	20 x 30	0	300
P24	20 x 30	0	300
P25	20 x 30	0	300
P26	20 x 30	0	300
P27	20 x 30	0	300
P28	20 x 30	0	300
P29	20 x 30	0	300
P30	20 x 30	0	300
P31	20 x 30	0	300
P32	20 x 30	0	300
P33	20 x 30	0	300
P34	20 x 30	0	300
P35	20 x 30	0	300
P36	20 x 30	0	300
P37	20 x 30	0	300
P38	20 x 30	0	300
P39	20 x 30	0	300
P40	20 x 30	0	300
P41	20 x 30	0	300
P42	20 x 30	0	300
P43	20 x 30	0	300
P44	20 x 30	0	300
P45	20 x 30	0	300
P46	20 x 30	0	300
P47	20 x 30	0	300
P48	20 x 30	0	300
P49	20 x 30	0	300
P50	20 x 30	0	300
P51	20 x 30	0	300
P52	20 x 30	0	300
P53	20 x 30	0	300
P54	20 x 30	0	300
P55	20 x 30	0	300
P56	20 x 30	0	300
P57	20 x 30	0	300
P58	20 x 30	0	300
P59	20 x 30	0	300
P60	20 x 30	0	300
P61	20 x 30	0	300
P62	20 x 30	0	300
P63	20 x 30	0	300
P64	20 x 30	0	300
P65	20 x 30	0	300
P66	20 x 30	0	300
P67	20 x 30	0	300
P68	20 x 30	0	300
P69	20 x 30	0	300
P70	20 x 30	0	300
P71	20 x 30	0	300
P72	20 x 30	0	300
P73	20 x 30	0	300
P74	20 x 30	0	300
P75	20 x 30	0	300
P76	20 x 30	0	300
P77	20 x 30	0	300
P78	20 x 30	0	300
P79	20 x 30	0	300
P80	20 x 30	0	300
P81	20 x 30	0	300

Legenda dos Pilares	
	Pilar que morre
	Pilar que passa
	Pilar que nasce
	Pilar com mudança de seção

Forma do pavimento COBERTURA

escala 1:50



**PREFEITURA MUNICIPAL DE
CAMPOS DE JÚLIO**
DEPARTAMENTO DE ENGENHARIA
Avenida Valdir Masutti, nº 1999, Bom Jardim - Campos de Júlio
Fone:0xx65-3387-2800

Obra: Creche Pequeno Príncipe		Área de Obra: 1573,20 m²	
Conteúdo: Prefeitura Municipal de Campos de Júlio Projeto Estrutural		RESPONSÁVEL TÉCNICO CINTIA VIEIRA SOUZA RG CAU: 13472-7 Escala: Indicadas	
Data: 25/03/2022		Desenho: Eduardo R. Tosetto	
		Folha:	