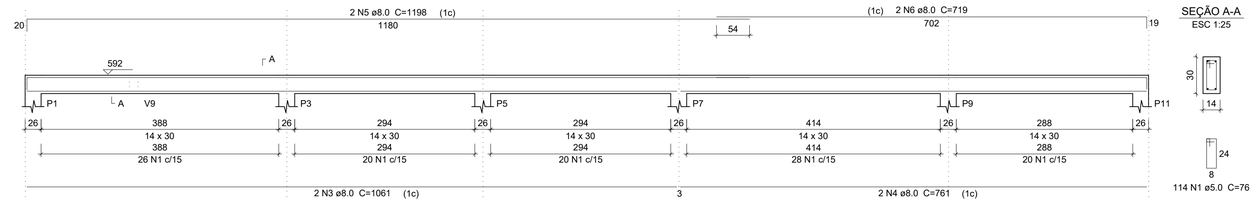
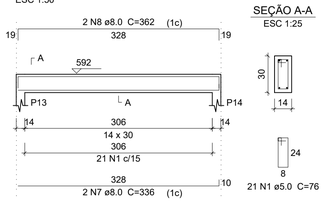
V1
ESC 1:50



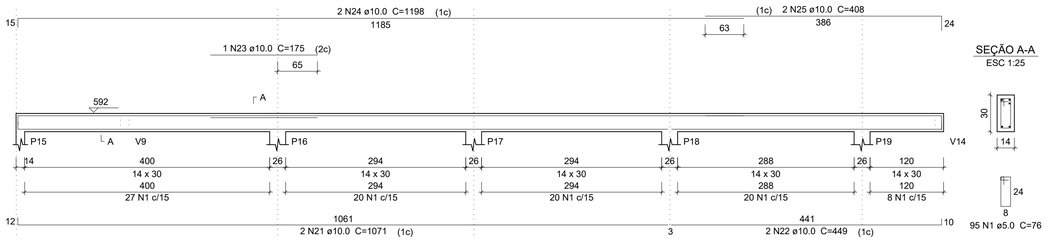
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50



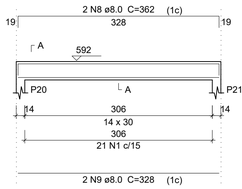
SEÇÃO A-A
ESC 1:25

V3
ESC 1:50

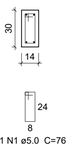


SEÇÃO A-A
ESC 1:25

V4
ESC 1:50



SEÇÃO A-A
ESC 1:25



OBS: EMBUTIR LAJES NAS VIGAS; ATENTAR PARA NÍVEIS DAS VIGAS.

Relação do aço

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	686	76	52136
	2	5.0	89	96	8544
CA50	3	8.0	2	1061	2122
	4	8.0	2	761	1522
	5	8.0	2	1198	2396
	6	8.0	2	719	1438
	7	8.0	2	336	672
	8	8.0	10	362	3620
	9	8.0	6	328	1968
	10	8.0	2	1096	2192
	11	8.0	2	1127	2254
	12	8.0	2	415	830
	13	8.0	1	260	260
	14	8.0	6	856	5136
	15	8.0	2	967	1934
	16	8.0	2	990	1980
	17	8.0	4	664	2656
	18	8.0	4	682	2728
	19	8.0	2	344	688
	20	8.0	1	134	134
	21	10.0	2	1071	2142
	22	10.0	2	449	898
	23	10.0	1	175	175
	24	10.0	2	1198	2396
	25	10.0	2	408	816
	26	10.0	2	870	1740
	27	10.0	1	215	215
	28	10.0	2	887	1774
	29	12.5	2	1091	2182
	30	12.5	2	440	880
	31	12.5	2	1197	2394
	32	12.5	2	870	1740
	33	12.5	2	891	1782

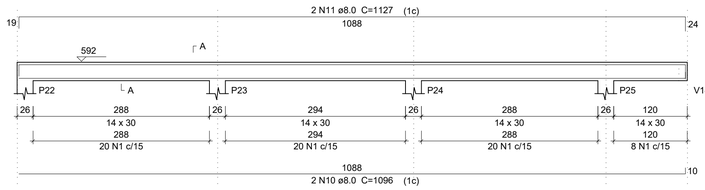
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	345.3	136.4
	10.0	101.6	62.7
	12.5	89.8	86.5
CA60	5.0	606.8	93.4

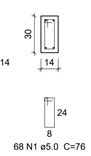
PESO TOTAL + 10% (kg)		PESO TOTAL (kg)	
CA50	314.1	CA50	285.6
CA60	102.7	CA60	93.4

Volume de concreto (C-25) = 5.68 m³
Área de forma = 83.37 m²

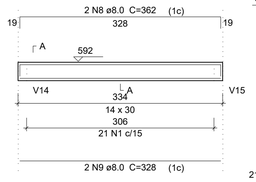
V5
ESC 1:50



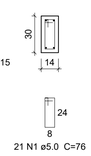
SEÇÃO A-A
ESC 1:25



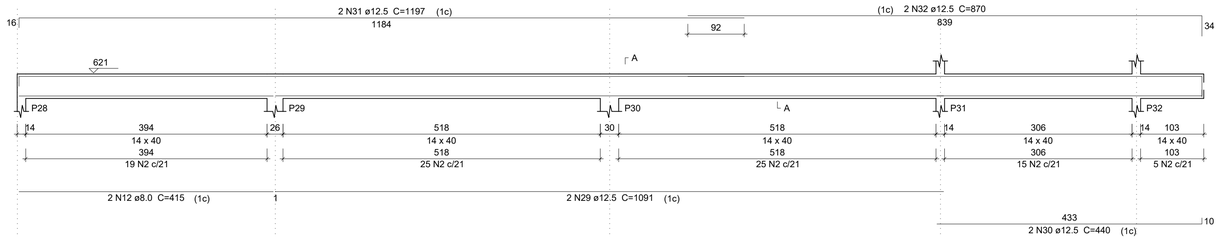
V6
ESC 1:50



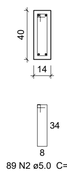
SEÇÃO A-A
ESC 1:25



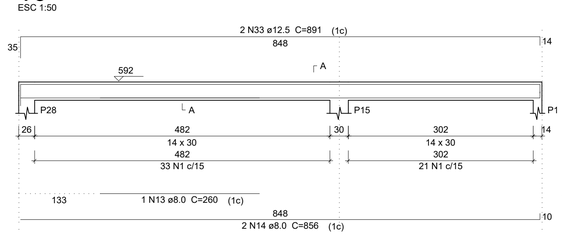
V7
ESC 1:50



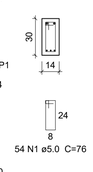
SEÇÃO A-A
ESC 1:25



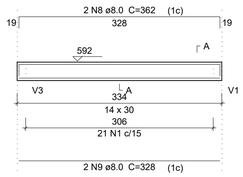
V8
ESC 1:50



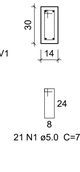
SEÇÃO A-A
ESC 1:25



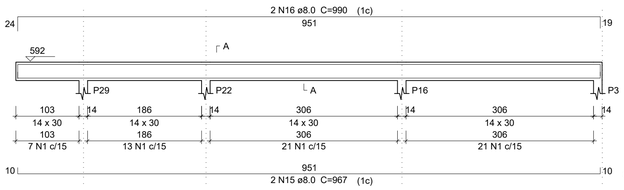
V9
ESC 1:50



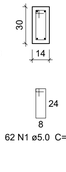
SEÇÃO A-A
ESC 1:25



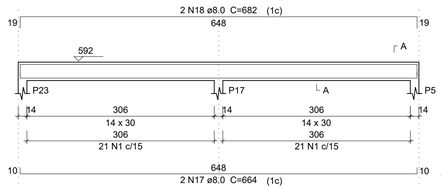
V10
ESC 1:50



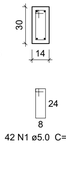
SEÇÃO A-A
ESC 1:25



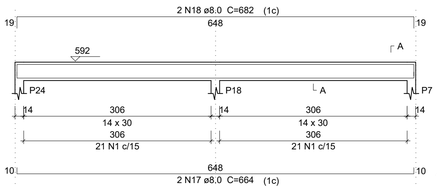
V11
ESC 1:50



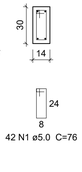
SEÇÃO A-A
ESC 1:25



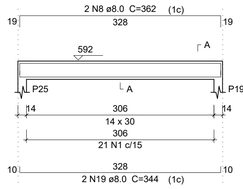
V12
ESC 1:50



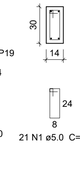
SEÇÃO A-A
ESC 1:25



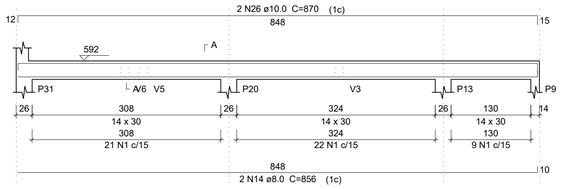
V13
ESC 1:50



SEÇÃO A-A
ESC 1:25

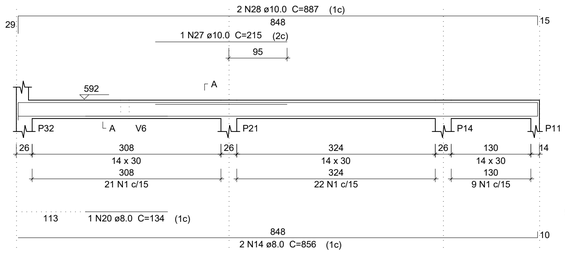


V14
ESC 1:50

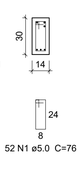


SEÇÃO A-A
ESC 1:25

V15
ESC 1:50



SEÇÃO A-A
ESC 1:25



Obra: PROJETO DE CONSTRUÇÃO DE NÚCLEO DE SERVIÇOS DA PREFEITURA MUNICIPAL DE SÃO PEDRO DA UNIÃO RUA VEREDADOR JORGE JOSÉ, Nº 13, NOVA SÃO PEDRO, SÃO PEDRO DA UNIÃO - MG			
Responsável Técnico: Higor Augusto Sabag de Paulo Eng. Civil - CREA MG-238.615/D		Proprietário: Município de São Pedro da União CNPJ 18.666.172/0001-64	
Projeto: ESTRUTURA DE CONCRETO ARMADO			
Descrição: VIGAS PAV. COBERTURA		Observações: ART: MG20231923160	Folha 13 Conj. 2 / Fla./Conj. 17
Data: 30/01/2023	Escala: INDICADAS	Desenho: Higor Sabag	Conferência: Higor Sabag