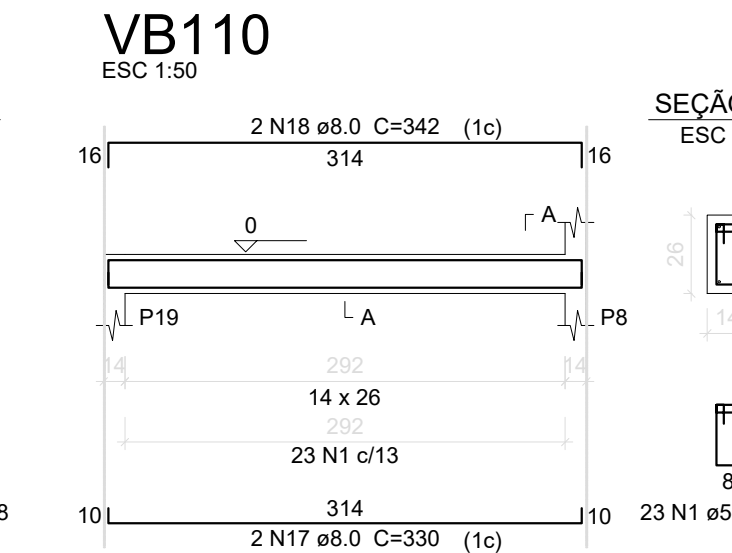
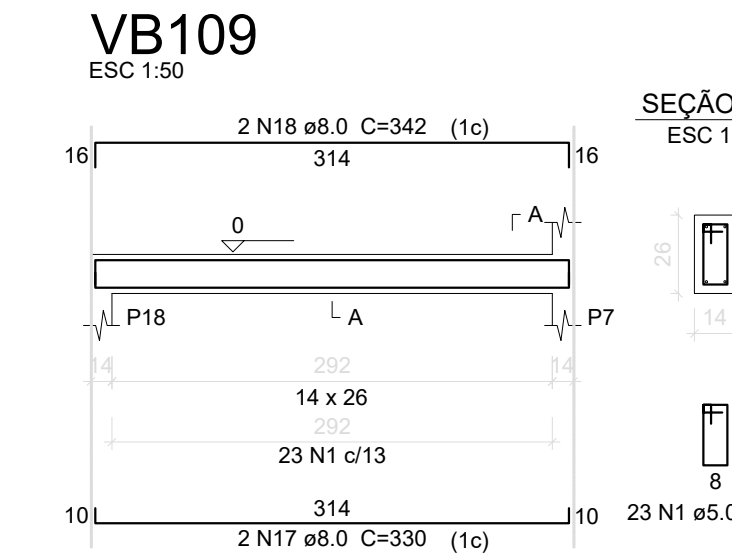
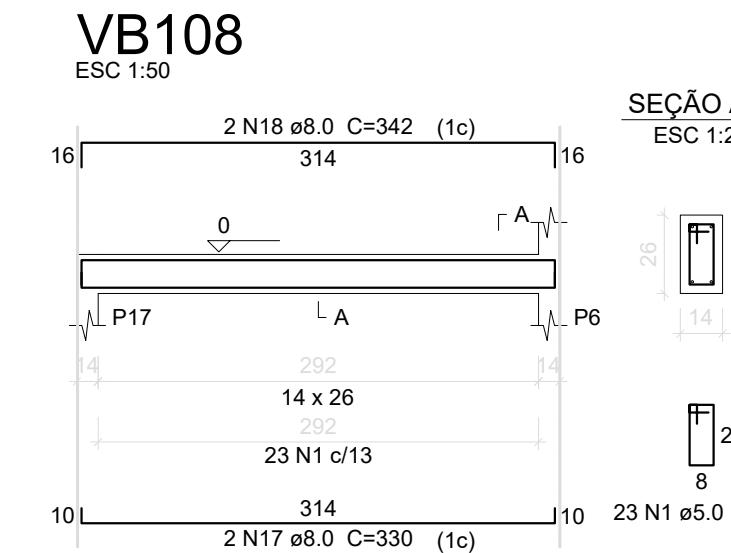
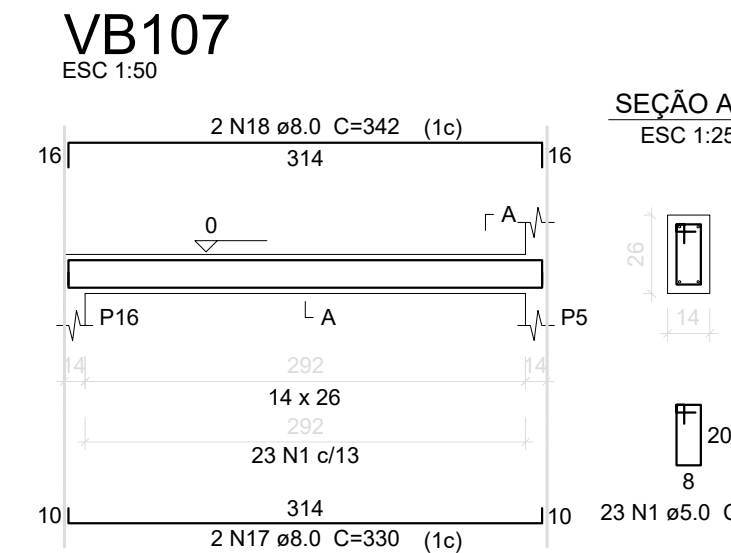
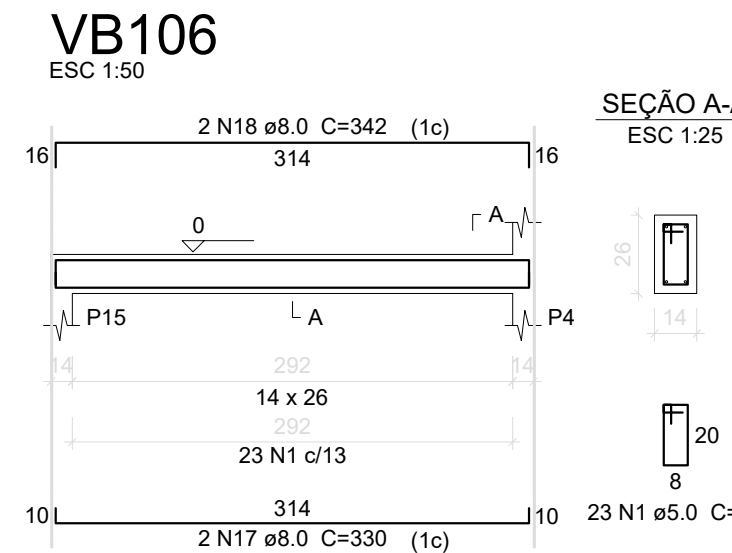
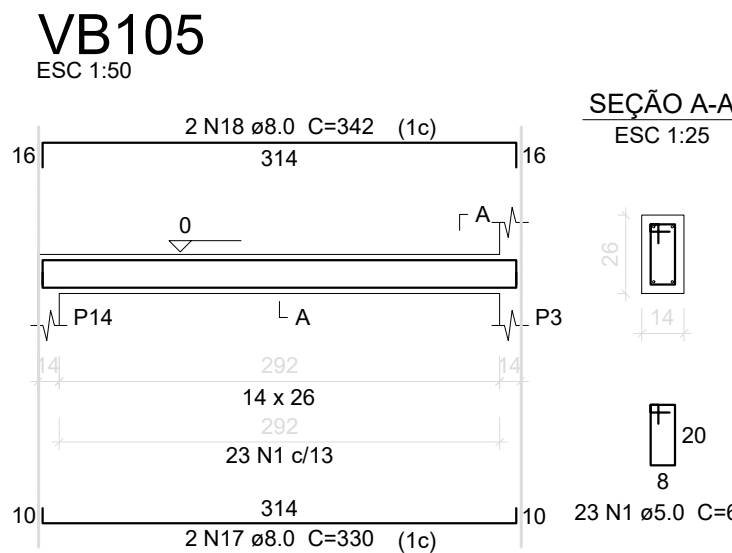
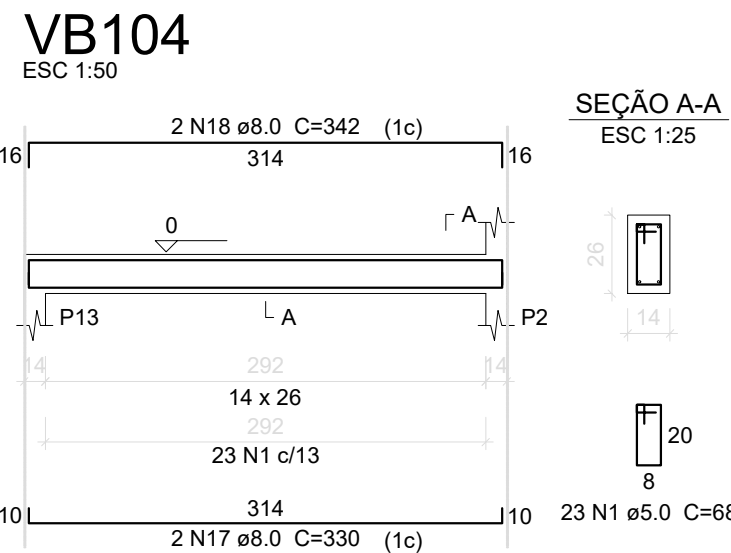
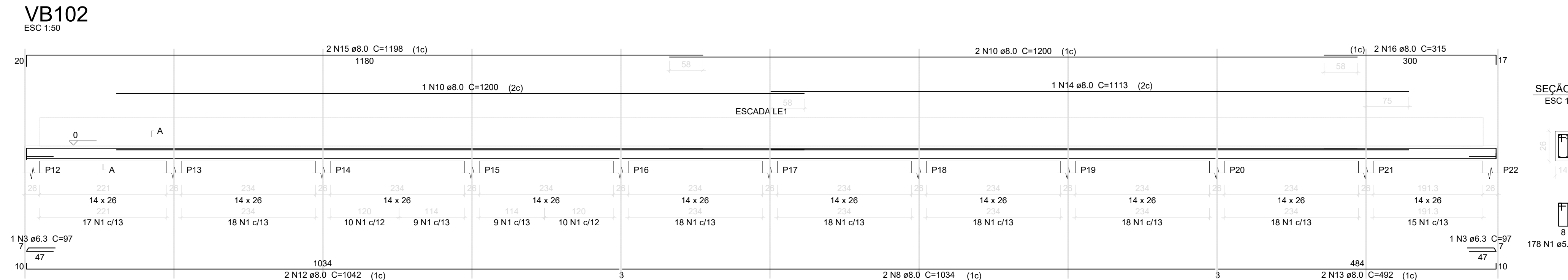
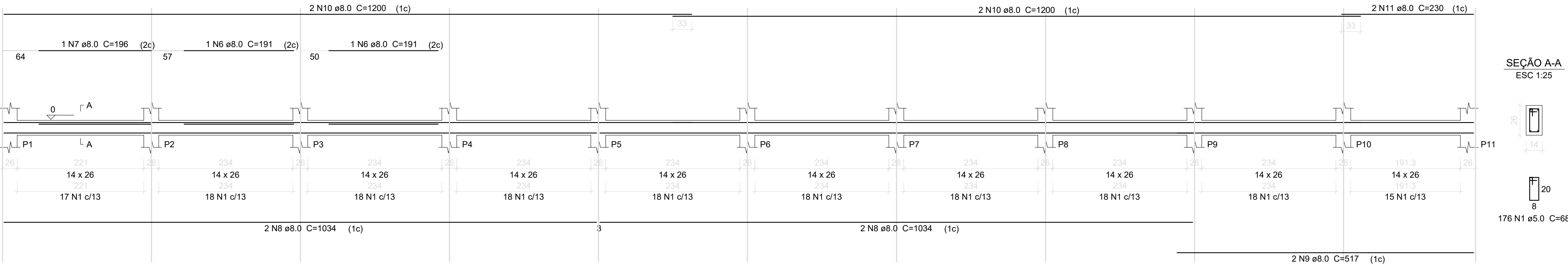
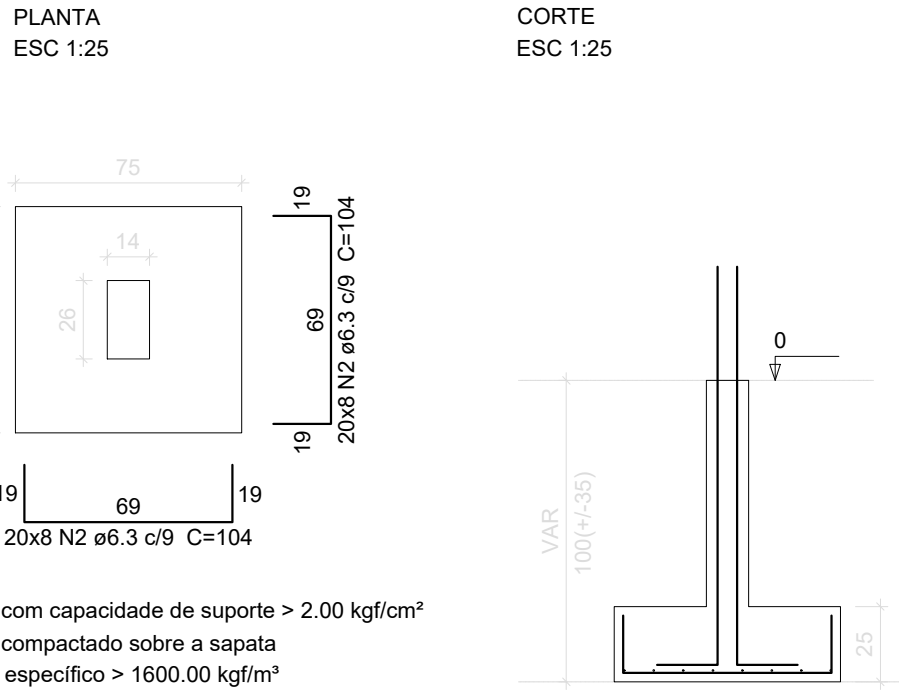


VB101
ESC 1:50



S13=S14=S15=S16=S17=S18=S19=S20=S21=S22



Relação do aço

FUNDAÇÃO:	S1	S2	NIVEL 1:	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	S12	VB101	11xP1	CA60	1	5.0	992	68	67456
	VB102	VB103			2	6.3	320	104	33280
	VB104	VB105			3	6.3	2	97	194
	VB106	VB107			4	8.0	14	88	1232
	VB108	VB109			5	8.0	16	93	1488
	VB110	VB111			6	8.0	2	191	382
	VB112	VB113			7	8.0	1	196	196
					8	8.0	6	1034	6204
					9	8.0	2	517	1034
					10	8.0	7	1200	8400
					11	8.0	2	230	460
					12	8.0	2	1042	2084
					13	8.0	2	492	984
					14	8.0	1	1113	1113
					15	8.0	2	1198	2396
					16	8.0	2	315	630
					17	8.0	22	330	7260
					18	8.0	22	342	7524
					19	10.0	4	VAR	VAR
					20	10.0	40	VAR	VAR
					21	10.0	40	VAR	VAR
					22	10.0	4	VAR	VAR
					23	10.0	44	238	10472

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	334.8	90.1
	8.0	413.9	179.6
	10.0	227.7	154.4
CA60	5.0	674.6	114.4
CA50	424.2		
CA60	114.4		

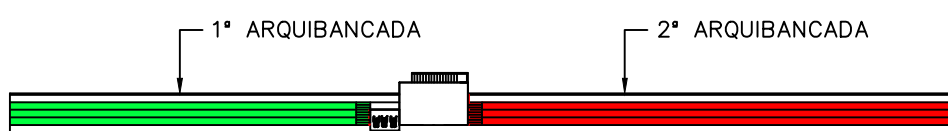
Vol. de concreto total (C-25) = 7.84 m³
Área de forma total = 106.7 m²

NOTAS

LEGENDA

ATUALIZAÇÃO

1 - Medidas em centímetros.



CONTRATADA:	CARVALHO AMARAL ENGENHARIA CNPJ Nº: 16.783.066/0001-35 Avenida Mestre Firmino, nº 728, 1º andar Centro, Montes Claros/MG, CEP: 38401-074	RESP. TEC. LWAN MATHEUS COSTA SOUZA
CONTRATANTE:	PREFEITURA MUNICIPAL DE JOSENÓPOLIS/MG CNPJ Nº: 01.612.503/0001-80 Rua Santos Pastores, 371 Centro, Josenópolis/MG, CEP: 38.575-000	MUNICÍPIO/ÁREA: MUNICÍPIO DE JOSENÓPOLIS/MG RESPONSÁVEL CONTRATANTE: PREF. MUNICIPAL DE JOSENÓPOLIS
TÍTULO:	PROJETO ESTRUTURAL CONSTRUÇÃO DE ESTÁDIO (2ª ARQUIBANCADA)	ENDEREÇO DA OBRA: AV. GUMERCINO JOSÉ PESTANA, S/Nº, PERIFÉRICO
DATA:	16/09/2021	ESCALA: INDICADA
PRANCHA:	07/08	

0	EMISSÃO INICIAL	16/09/21	S.S.R.	G.V.M.	G.V.M.
REV.	DESCRIÇÃO	DATA	EXEC.	VERIF.	APROV.