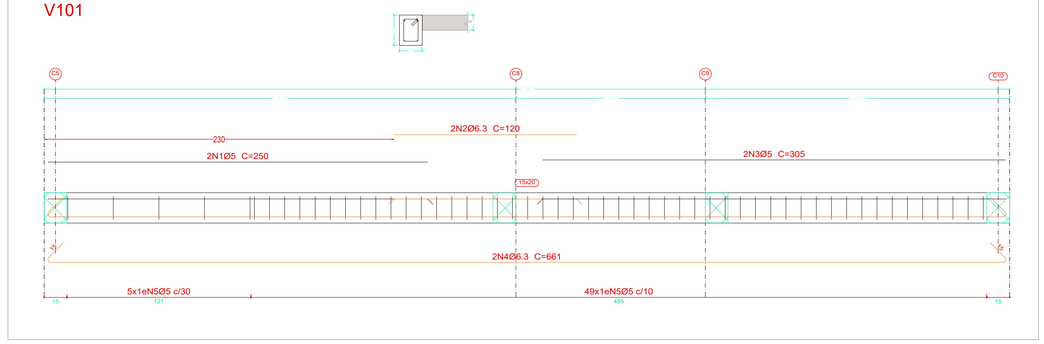
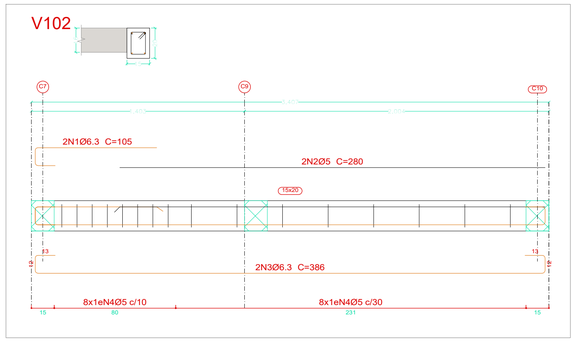
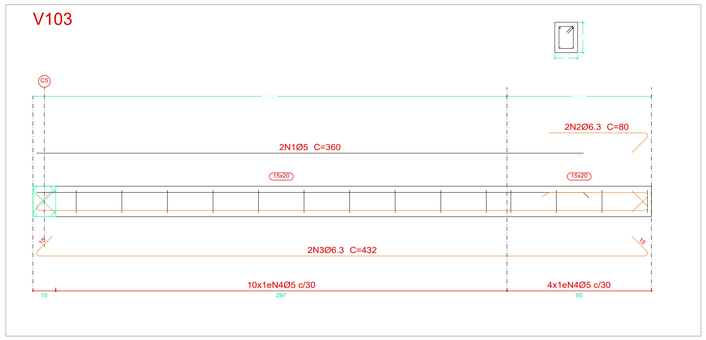
V101



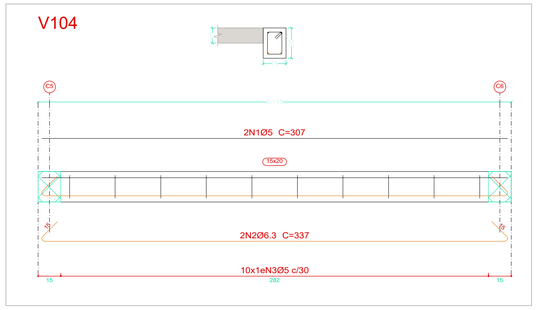
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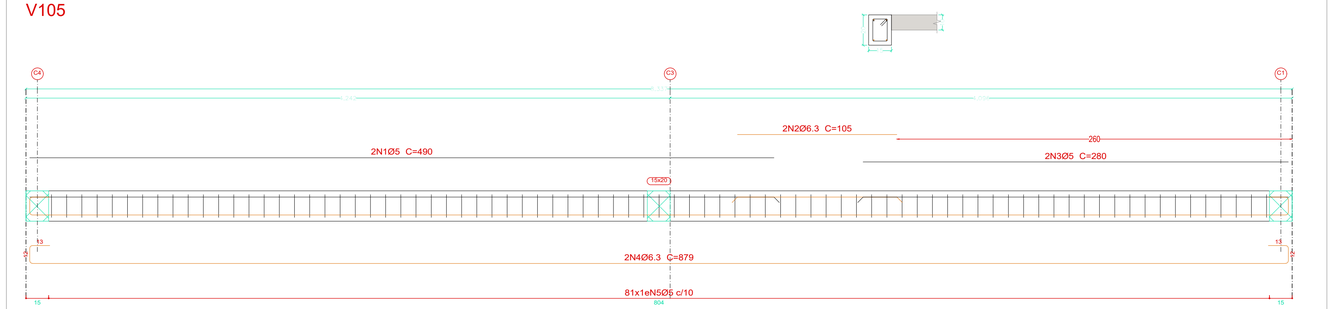
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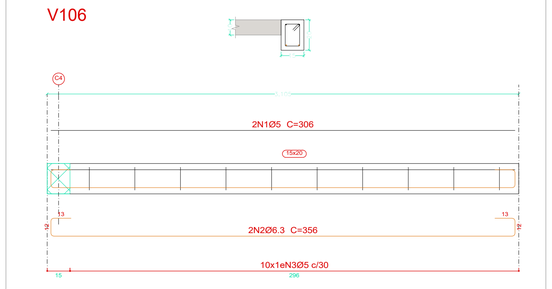
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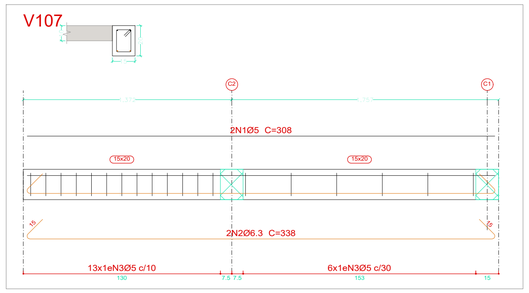
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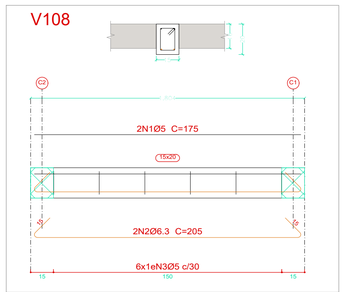
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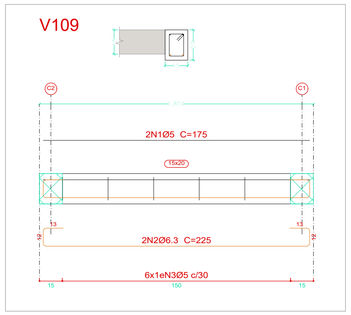
V107



V108



V109



Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V101	1	Ø5	2	250	250	500		0.8
	2	Ø6.3	2	120	120	240	0.6	
	3	Ø5	2	305	305	610		1.0
	4	Ø6.3	2	631	661	1322	3.2	
	5	Ø5	54	5 / 10	58	3132		4.9
						Total+10%:	4.2	7.4
V102	1	Ø6.3	2	80 / 13	105	210	0.5	
	2	Ø5	2	280	280	560		0.9
	3	Ø6.3	2	13 / 336 / 13	386	772	1.9	
	4	Ø5	16	5 / 10	58	928		1.5
						Total+10%:	2.6	2.6
V103	1	Ø5	2	360	360	720		1.1
	2	Ø6.3	2	65 / 15	80	160	0.4	
	3	Ø6.3	2	402	432	864	2.1	
	4	Ø5	14	5 / 10	58	812		1.3
						Total+10%:	2.8	2.6
V104	1	Ø5	2	307	307	614		1.0
	2	Ø6.3	2	307	337	674	1.7	
	3	Ø5	10	5 / 10	58	580		0.9
						Total+10%:	1.9	2.1
V105	1	Ø5	2	490	490	980		1.5
	2	Ø6.3	2	105	105	210	0.5	
	3	Ø5	2	280	280	560		0.9
	4	Ø6.3	2	13 / 829 / 13	879	1758	4.3	
	5	Ø5	81	5 / 10	58	4698		7.4
						Total+10%:	5.3	10.8
V106	1	Ø5	2	306	306	612		1.0
	2	Ø6.3	2	13 / 306 / 13	356	712	1.7	
	3	Ø5	10	5 / 10	58	580		0.9
						Total+10%:	1.9	2.1
V107	1	Ø5	2	308	308	616		1.0
	2	Ø6.3	2	308	338	676	1.7	
	3	Ø5	19	5 / 10	58	1102		1.7
						Total+10%:	1.9	3.0
V108	1	Ø5	2	175	175	350		0.5
	2	Ø6.3	2	175	205	410	1.0	
	3	Ø5	6	5 / 10	58	348		0.5
						Total+10%:	1.1	1.1
V109	1	Ø5	2	175	175	350		0.5
	2	Ø6.3	2	13 / 175 / 13	225	450	1.1	
	3	Ø5	6	5 / 10	58	348		0.5
						Total+10%:	1.2	1.1
						Ø5:	0.0	32.8
						Ø6.3:	22.9	0.0
						Total:	22.9	32.8

Resumo Aço Desenho de vigas		Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø6.3	84.6	23	23
CA-60	Ø5	190.0	33	33
Total				56

De Paula
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Responsável Técnico:
PRISCILA CRISTINA DE PAULA NETO:08911608688
Assinado de forma digital por PRISCILA CRISTINA DE PAULA NETO:08911608688 Dados: 2026.02.03 10:21:54 -03'00'
Engª Civil Priscila C. de Paula Neto – CREA–MG 142702/D

MUNICÍPIO DE ARANTINA

Prefeita Municipal: EDMAR LUIS DE OLIVEIRA	CNPJ: 17.952.508/0001–92	Fone : (32) 3544–0001
	CONTRATO CONVÊNIO: RECURSO PROPRIO E TRANSFERÊNCIA ESPECIAL	

Título : CONSTRUÇÃO DE QUADRA POLIESPORTIVA– ETAPA 02 (FECHAMENTO, PISO, ARQUIBANCADA E BANHEIROS)

Endereço da obra : Praça Rodrigo Marinho Pires, Jardim Primavera – Arantina/MG,

Área: 761,06m²

Folha : **06/09**

Conteúdo: PROJETO EXECUTIVO ESTRUTURAL
Vigas de cobertura dos banheiros

Escala : indicada

Revisão Nº **01**

Data base : SEINFRA 10/2025 SINAPI 11/2025

Data : 27/01/2026