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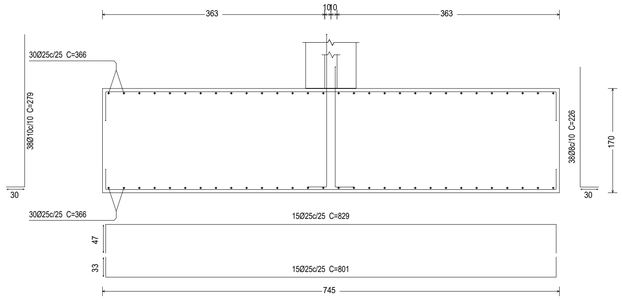

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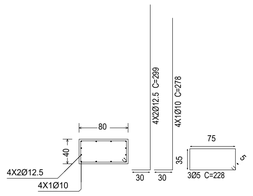

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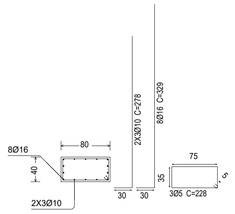

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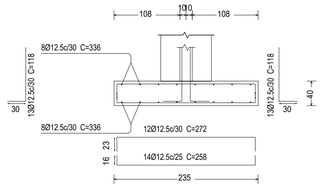

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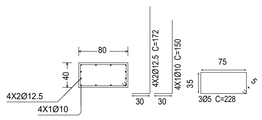

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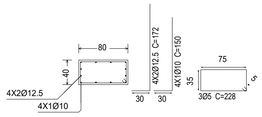

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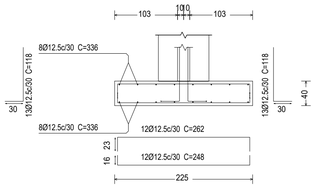

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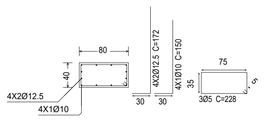

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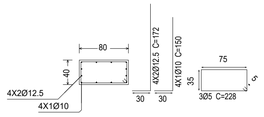

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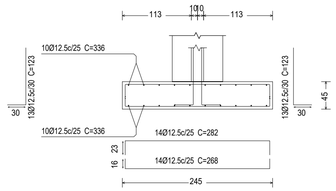

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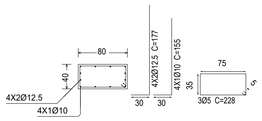

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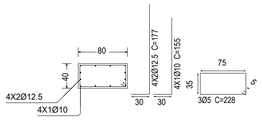

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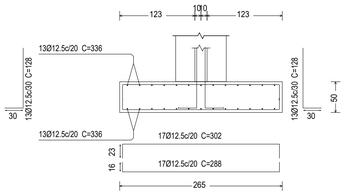

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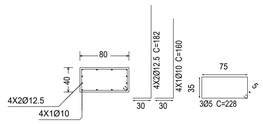

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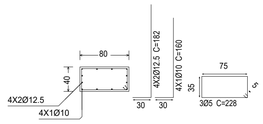

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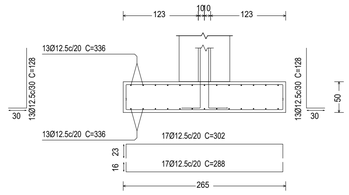

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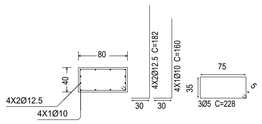

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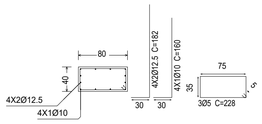

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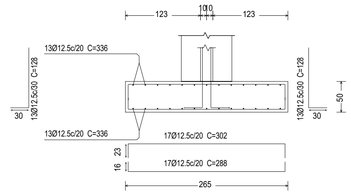

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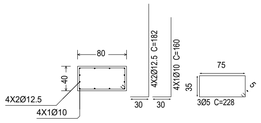

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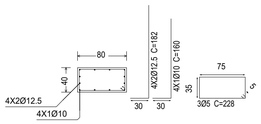

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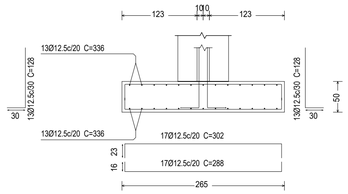

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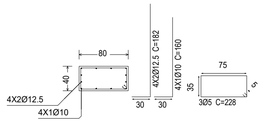

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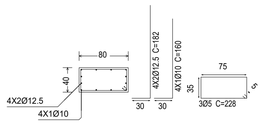

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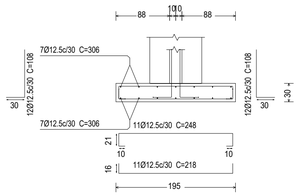

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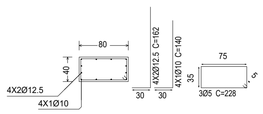

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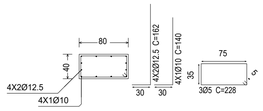

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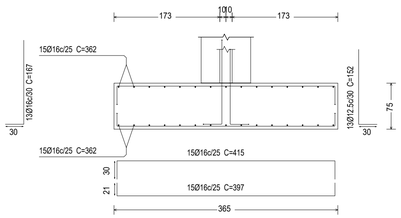

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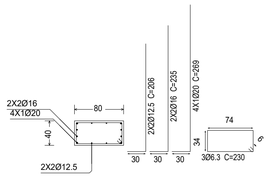

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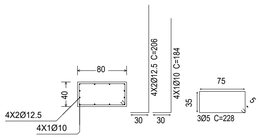

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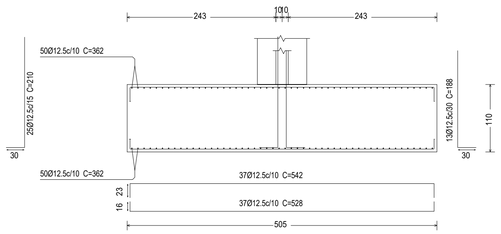

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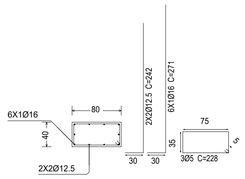

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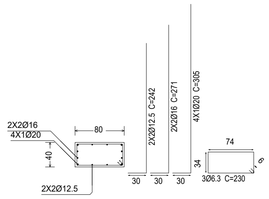

Resumo Aço FUNDAÇÃO Detalhamento fundação		Comp. total (m)	Peso+10% (kg)	Total
CA-50	Ø6.3	13.8	4	
	Ø8	85.9	37	
	Ø10	305.8	207	
	Ø12.5	2758.2	2922	
	Ø16	555.0	964	
	Ø20	451.1	1224	
	Ø25	464.1	1967	7325
CA-60	Ø5	164.3	28	28
Total				7353

Resumo de medição (incluídas perdas de aço)

	CA-50 (kg)								CA-60 (kg)	Concreto (m³)		Fôrmas (m²)
Elemento	Ø6.3	Ø8	Ø10	Ø12.5	Ø16	Ø20	Ø25	Total	Ø5	C20, em geral	Limpeza	
Referência: C1			27.44	59.32	374.53			461.29	2.38	9.53	1.27	5.22
Referência: C2			17.14	79.50	42.38	1161.66		1300.68	2.35	30.68	2.12	9.51
Referência: C3		37.30	90.71	25.35	45.70		1967.28	2166.34	2.35	47.32	2.78	12.70
Referência: C4			8.14	191.48				199.62	2.35	3.23	0.81	2.75
Referência: C5			8.14	183.46				191.60	2.35	3.09	0.77	2.75
Referência: C6			8.40	216.67				225.07	2.35	3.79	0.84	3.09
Referência: C7			8.67	264.94				273.61	2.35	4.56	0.91	3.44
Referência: C8			8.67	264.94				273.61	2.35	4.56	0.91	3.44
Referência: C9			8.67	264.94				273.61	2.35	4.56	0.91	3.44
Referência: C10			8.67	264.94				273.61	2.35	4.56	0.91	3.44
Referência: C11			7.59	154.62				162.21	2.35	1.83	0.61	1.88
Referência: C12	1.86		4.99	47.13	454.11	29.20		537.29	1.17	10.13	1.35	5.55
Referência: C13	1.86			905.04	47.05	33.10		987.05	1.18	20.56	1.87	8.14
Totais	3.72	37.30	207.23	2922.33	963.77	1223.96	1967.28	7325.59	28.23	148.40	16.07	65.37

PREFEITURA DE SÃO JOÃO DO PARAÍSO
Construindo Uma Nova História

Endereço:
MUNICÍPIO DE SÃO JOÃO DO PARAÍSO - MA

Lenilson Silva Mendes
Portaria 004d/2025

Lenilson Silva Mendes
CREA-nº 1119497922MA

LENILSON SILVA MENDES:60875126324
Assinado de forma digital por LENILSON SILVA MENDES:60875126324
Dados: 2026.02.20 15:31:47 -02'00'

QUADRO DE ÁREAS
TERRENO: Indefinido
ÁREA CONSTRUÍDA: 236.77 m²

Cliente:
MUNICIPIO DE SÃO JOÃO DO PARAÍSO - CNPJ:01.597.629/0001-23

Título do projeto:
ESTRUTURAL - MURO DE CONTENÇÃO - ORLA SÃO JOÃO DO PARAÍSO

Nº RRT projeto:	Nº RRT Execução:	Data:	Projetista:	Desenhista:
00000	0000	04/11/2025	Lenilson Silva Mendes CREA-nº 1119497922MA	Lenilson Silva Mendes CREA-nº 1119497922MA
Folha:		**Escala:**	**Disciplina:**	**Etapa / Revisão:**
FL 05 / FL 07		INDICADA		

Conteúdo:
FUNDAÇÃO PT02/02