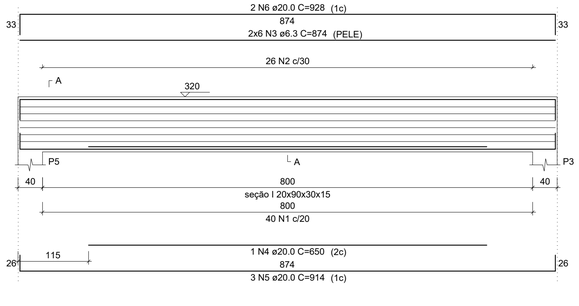
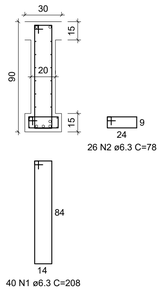
V1
ESC 1:50

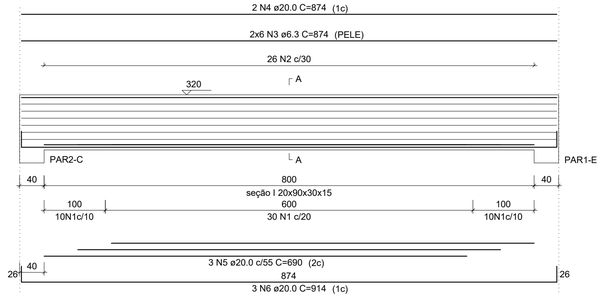


SEÇÃO A-A
ESC 1:25

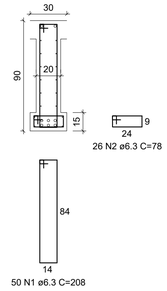


As costura 1.5 cm2/m

V2
ESC 1:50

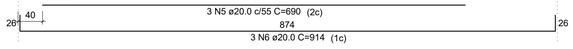


SEÇÃO A-A
ESC 1:25

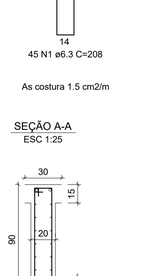


As costura 1.6 cm2/m

V3
ESC 1:50

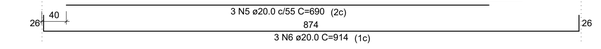


SEÇÃO A-A
ESC 1:25



As costura 1.5 cm2/m

V4
ESC 1:50

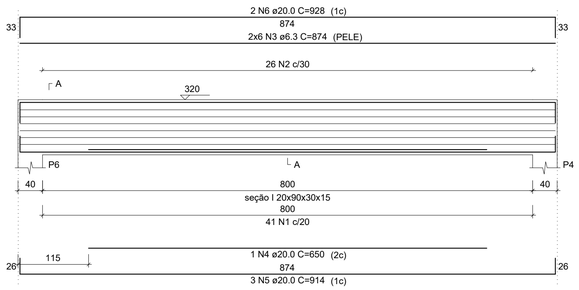


SEÇÃO A-A
ESC 1:25

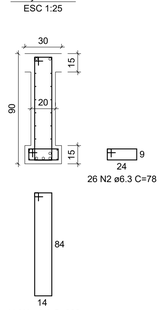


As costura 1.6 cm2/m

V5
ESC 1:50



SEÇÃO A-A
ESC 1:25



As costura 1.5 cm2/m

RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	CA50	1	6.3	40	208	8320
	CA50	2	6.3	26	78	2028
	CA50	3	6.3	12	874	10488
	CA50	4	20.0	1	650	650
	CA50	5	20.0	3	914	2742
	CA50	6	20.0	2	928	1856
V2	CA50	1	6.3	50	208	10400
	CA50	2	6.3	26	78	2028
	CA50	3	6.3	12	874	10488
	CA50	4	20.0	2	874	1748
	CA50	5	20.0	3	690	2070
	CA50	6	20.0	3	914	2742
V3	CA50	1	6.3	45	208	9360
	CA50	2	6.3	26	78	2028
	CA50	3	6.3	12	874	10488
	CA50	4	20.0	2	874	1748
	CA50	5	20.0	3	690	2070
	CA50	6	20.0	3	914	2742
V4	CA50	1	6.3	52	208	10816
	CA50	2	6.3	26	78	2028
	CA50	3	6.3	12	874	10488
	CA50	4	20.0	2	874	1748
	CA50	5	20.0	3	690	2070
	CA50	6	20.0	3	914	2742
V5	CA50	1	6.3	41	208	8528
	CA50	2	6.3	26	78	2028
	CA50	3	6.3	12	874	10488
	CA50	4	20.0	1	650	650
	CA50	5	20.0	3	914	2742
	CA50	6	20.0	2	928	1856

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	1100	296.1
	20.0	301.8	818.6

PESO TOTAL (kg)	
CA50	1114.7

Volume de concreto (C-30) = 8.80 m³
Área de forma = 83.83 m²

Cleiton Zanatta
engenheiro civil
CREA RS 238059

RST 472 Km 15-Palmitinho
CEP 98430 - 000
Fone: (55) 9615 3268

VIGAS LONGARINAS

PONTE LINHA CALDEIRÃO	Prancha:	08/10	Data:	28/10/2025
	Escala:	INDICADA	Met. Total	52,80 m²

Documento assinado digitalmente
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CLEITON ZANATTA
Data: 29/10/2025 14:49:15-0300
Verifique em https://validar.iti.gov.br

Engenheiro Civil - CREA RS 238059

MUNICÍPIO DE PALMITINHO
PROPRIETÁRIO

Direitos Autorais Reservados Conforme Artigo 184 Do Código Penal, Lei 5.988 Do Código Civil e Resolução CONFEA 205/71