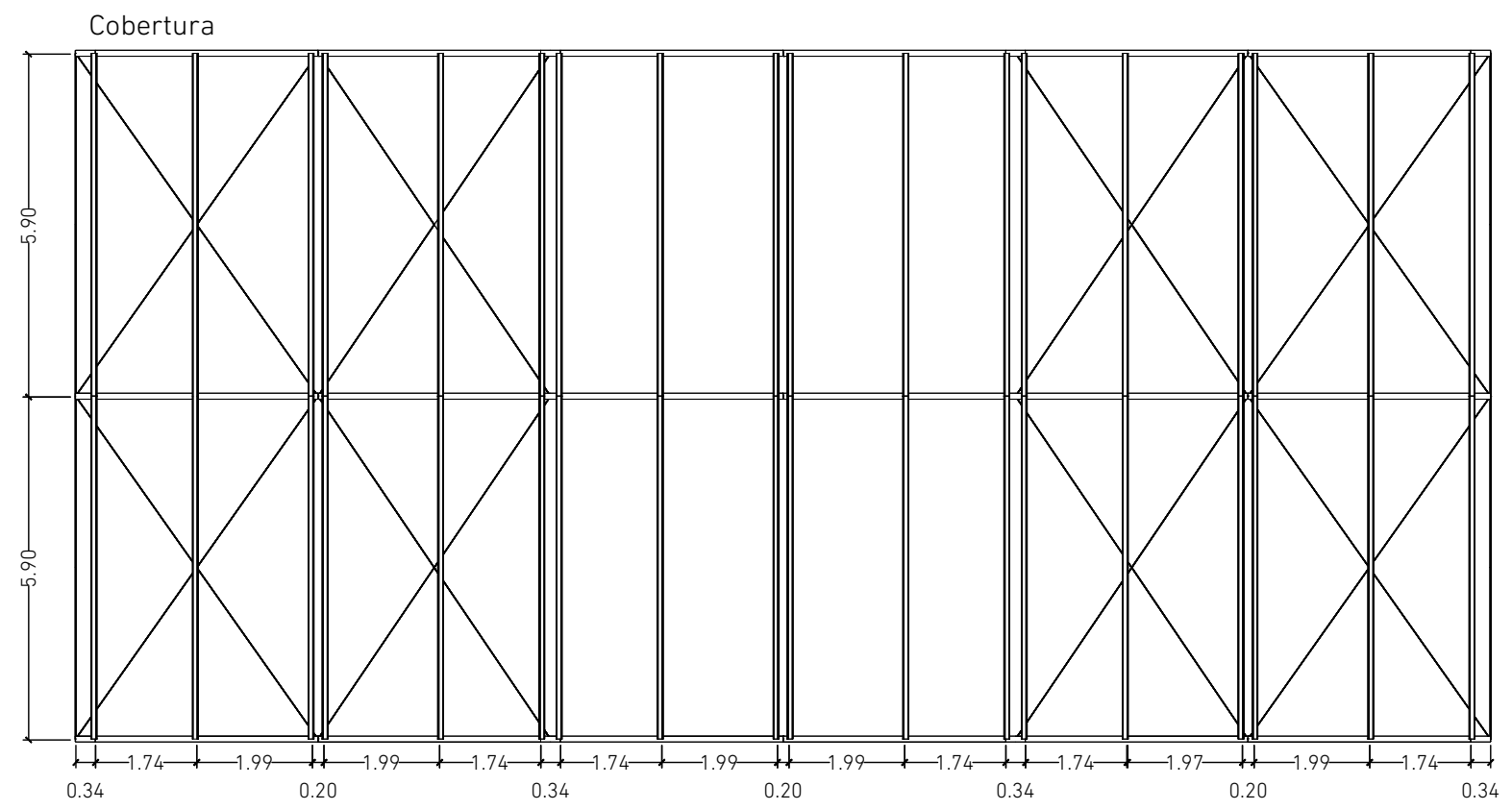


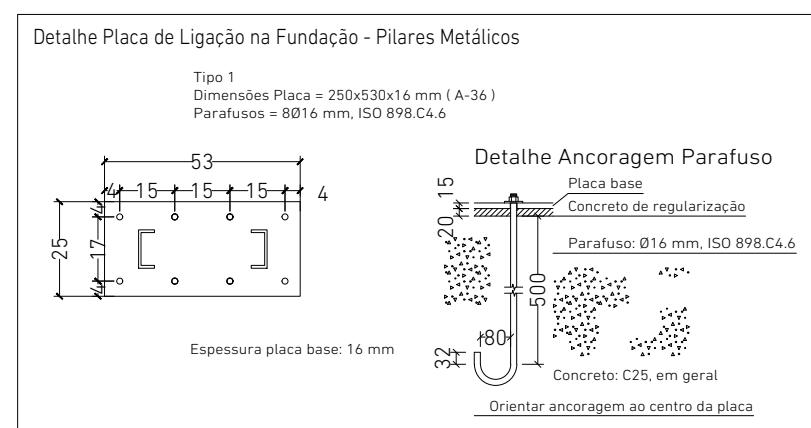
Galpões - Centro Adm Jader Barbalho
 Norma de aço laminado: ABNT NBR 8800:2008
 Norma de aço dobrado: ABNT NBR 14762: 2010
 Aço laminado: A-36 250Mpa
 Aço dobrado: A-36
 Escala: 1:125

PEÇA	TIPO	AÇO	PERFIL	
SEÇÃO U PILAR	LAMINADO	A-36 250 MPA	U 101.6 X 6.3	
BANZOS VIGAS	LAMINADO	A-36 250 MPA	U 101.6 X 6.3	
MÃO FRANCESA	LAMINADO	A-36 250 MPA	U 101.6 X 6.3	
DIAGONAIS	LAMINADO	A-36 250 MPA	L 1.1/4 X 3/16", DUPLO U	
TERÇA FECHAMENTO	VERTICAL	DOBRADO	A-36 250 MPA	L 3 X 3/8"
	HORIZONTAL	DOBRADO	A-36 250 MPA	C 110 X 80 X 30 X 6.3MM
TERÇA COBERTURA	DOBRADO	A-36 250 MPA	C 140 X 90 X 30 X 6.3MM	

Escala: 1:100



Escala: 1:100

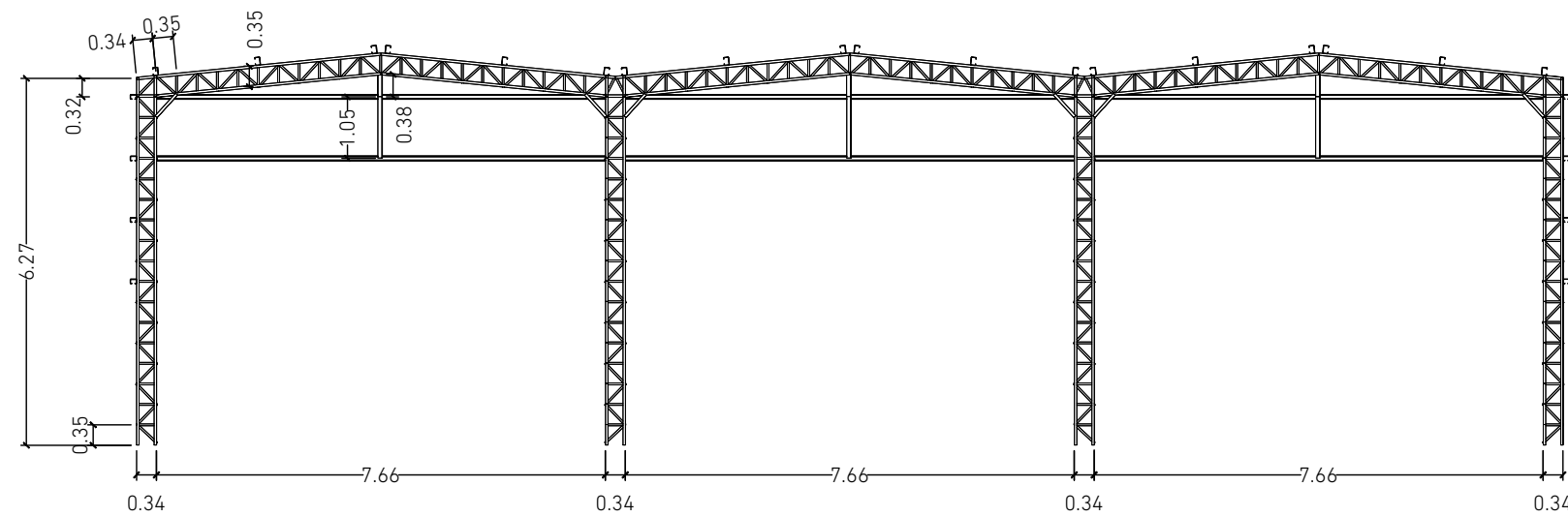


Prefeitura Municipal de Igarapé-Miri
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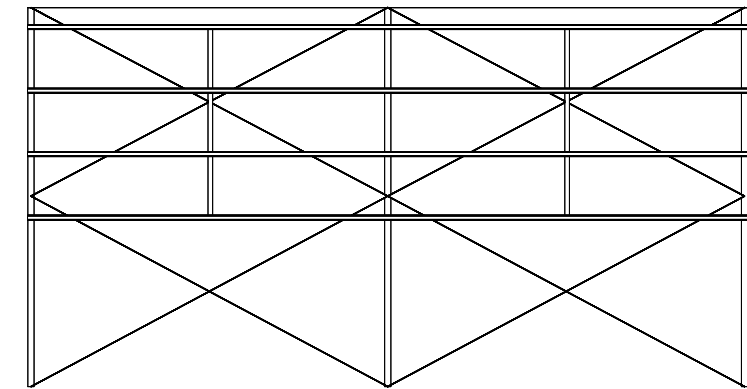
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Detalhamento Da Estrutura - Galpão		A3 - 01/09
PA-407, esquina com Alameda I - Vila Maiauatá - Igarapé-Miri/PA	Área Construída	
Data	Agosto de 2023	Escala
		Indicada

2D: Vista Frontal



2D: Lateral



2D: Vista do Fundo

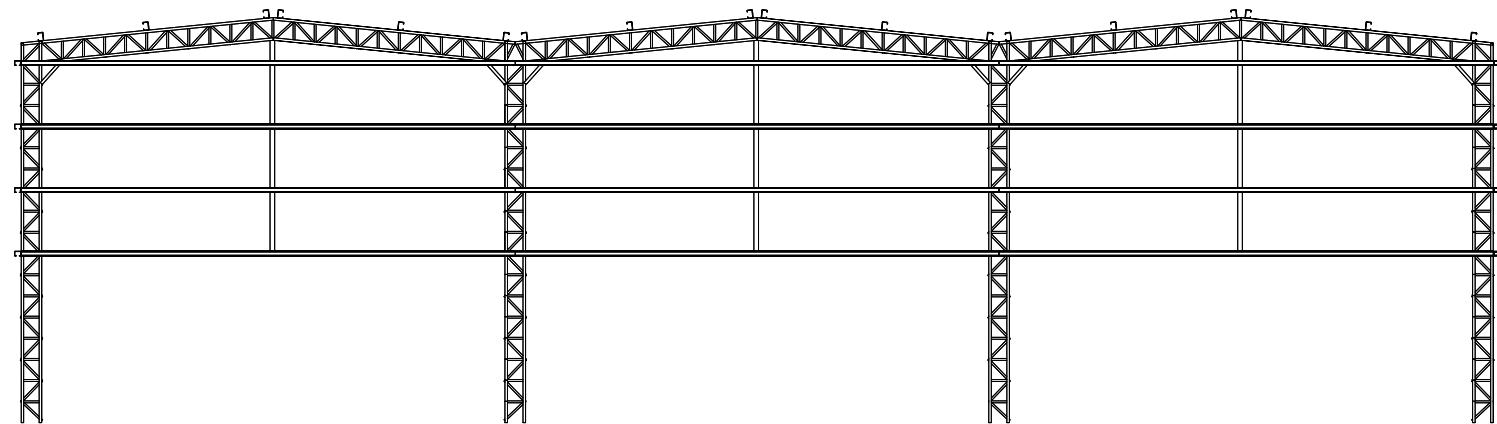


Tabela Resumo			
Tipo	Série	Perfil	Peso (kg)
Aço Laminado	Perfil U	U 101.6 x 6.3	2725.33
		U 152.4 x 5.1	113.66
	Cantoneira	L 1.1/4 x 3/16", Duplo U união genérica	1430.61
		L 3 x 3/8"	289.69
		L 3 x 3/16"	2.11
Barra redonda	3/8"	108.16	
Subtotal			4669.56
Aço dobrado	Perfil U Enrijecido	U Enr.	3580.17
		U Enr. 2	3424.57
	Subtotal		
Total			11674.3

Quantitativo de superfícies			
Tipo	Série	Perfil	Superfície (m²)
Aço laminado	Perfil U	U 101.6 x 6.3	104.386
		U 152.4 x 5.1	4.575
	Cantoneira	L 1.1/4 x 3/16", Duplo U união genérica	83.556
		L 3 x 3/8"	8.265
		L 3 x 3/16"	0.117
Barra redonda	3/8"	5.783	
Subtotal			206.682
Aço Dobrado	Perfil U Enr.	U enr.	147.461
		U enr. 2	140.433
Subtotal			287.894
Total			494.576

Quantitativo Placa de Base		
Tipo	Placa 1	Placa 2
Porcas	88	6
Anilhas	88	6
Placa Base (kg)	218,53	9,59
Parafusos (Ø16mm) (kg)	95,54	8,68
Superfície (m²)	1,4575	0,064



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Detalhamento Da Estrutura - Galpão

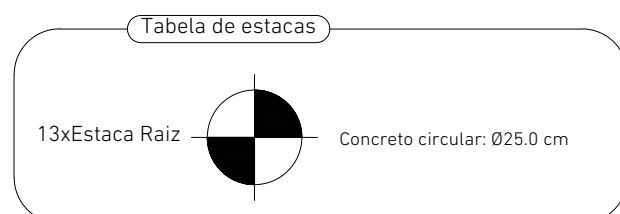
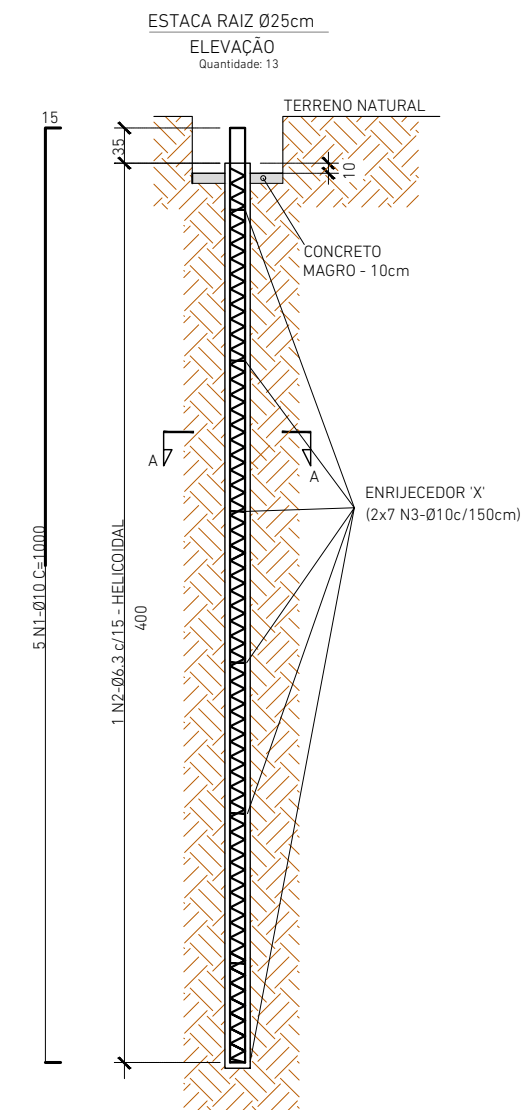
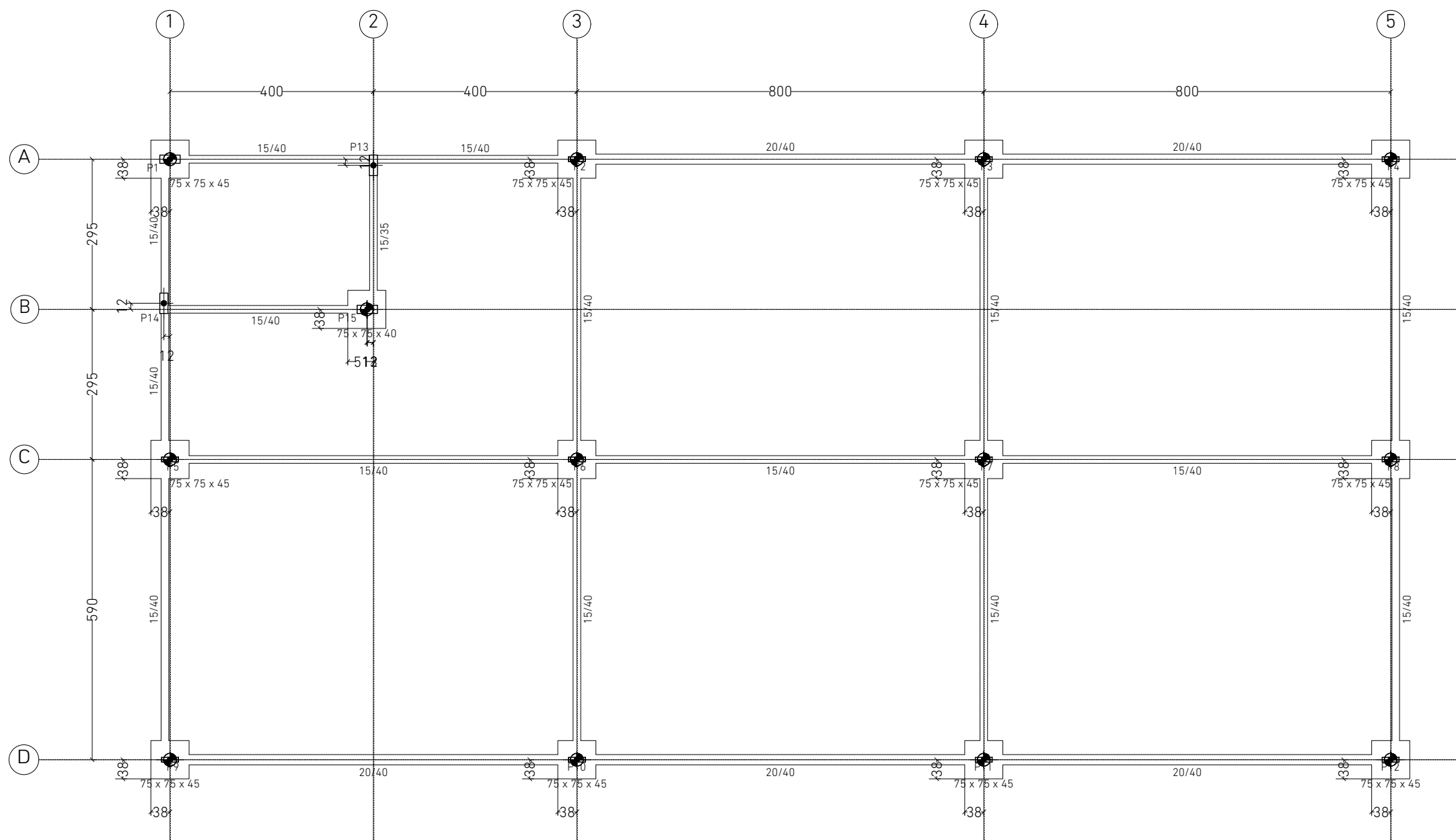
PA-407, esquina com Alameda I - Vila Maiauatá -
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A3 - 02/09

Área Construída 697,10 m²

Data Agosto de 2023

Escala 1:125



Formas
Piso
Escala: 1:100



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Formas de Fundação - Galpão

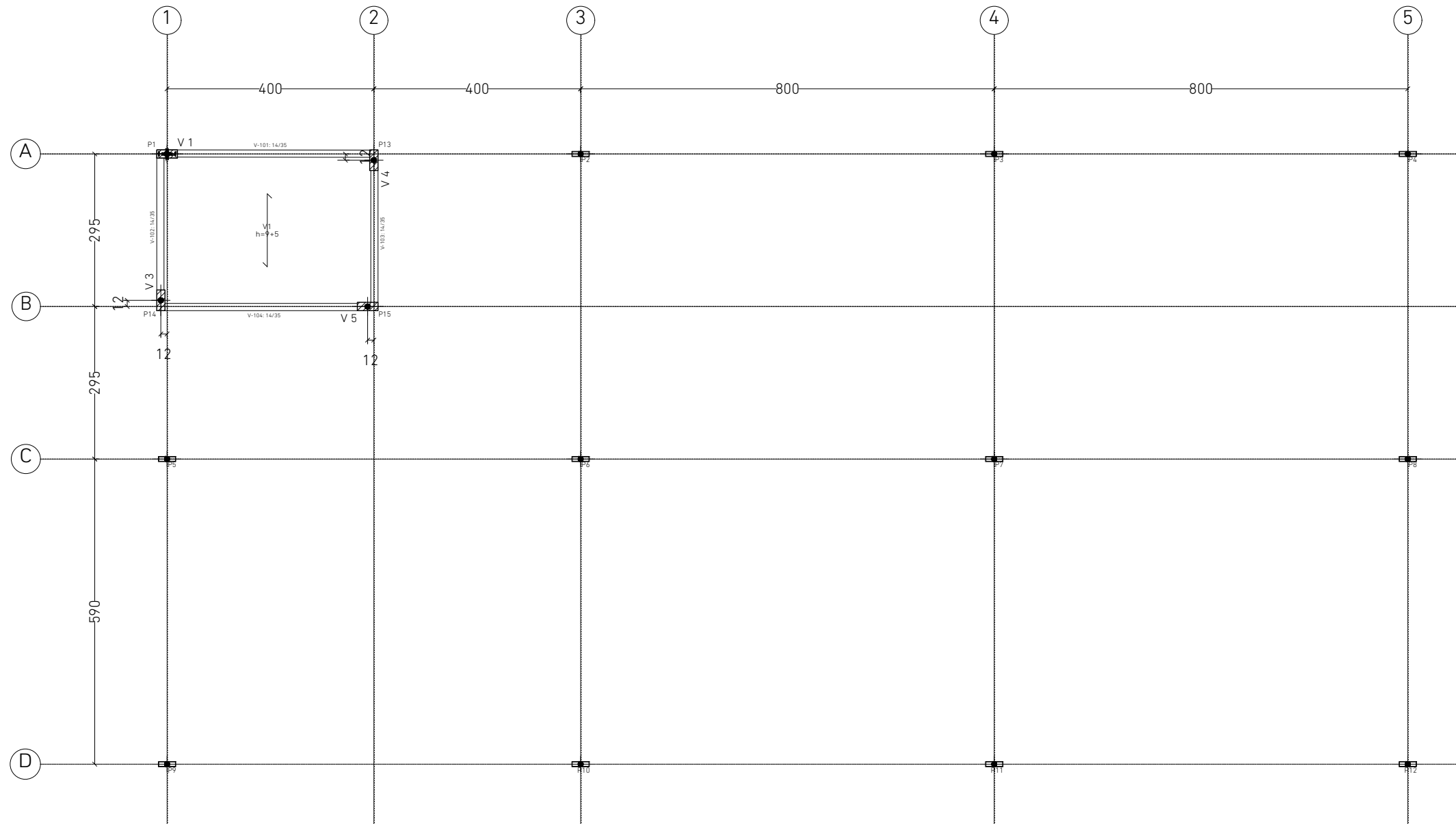
PA-407, esquina com Alameda I - Vila Maiauatá -
Igarapé-Miri/PA

A3 - 03/09

Área Construída 697,10 m²

Data Agosto de 2023

Escala Indicado



Piso 1
 Piso
 Mf: Momento fletor de cálculo por metro de largura (kN x m/m)
 V: Esforço cortante de cálculo por metro de largura (kN/m)
 Escala: 1:100

Tabela de características de lajes de vigotas (Grupo 1)
LAJE DE VIGOTAS DE CONCRETO
Altura do bloco/molde: 7 cm
Espessura camada de compressão: 4 cm
Entre-eixos: 42 cm
Bloco/Molde: De poliestireno
Largura da nervura: 12 cm
Volume de concreto: 0.067 m3/m2
Peso próprio: 1.64 kN/m2 (Simples), 2.00 kN/m2 (Dupla)
Nota: Consulte os detalhes referentes a uniões com lajes da estrutura principal e das zonas maciçadas.



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Planta de Forma Nível Laje - Galpão

PA-407, esquina com Alameda I - Vila Maiauatá - Igarapé-Miri/PA

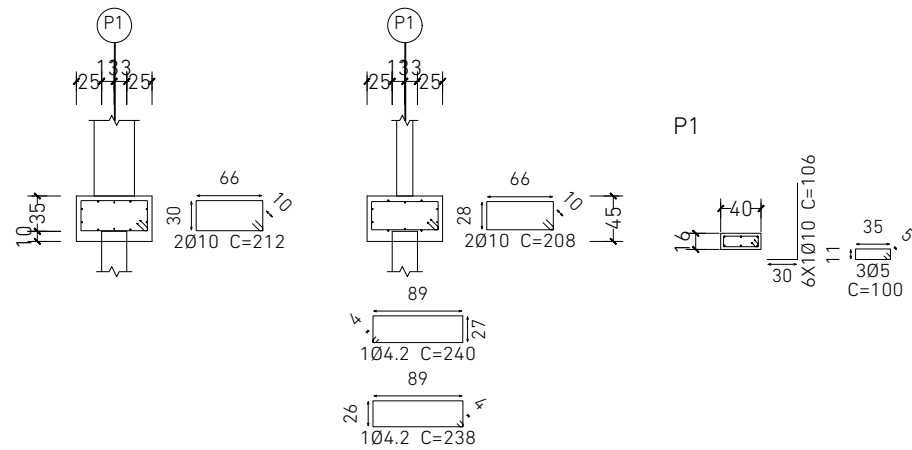
A3 - 04/09

Área Construída 697,10 m²

Data Agosto de 2023

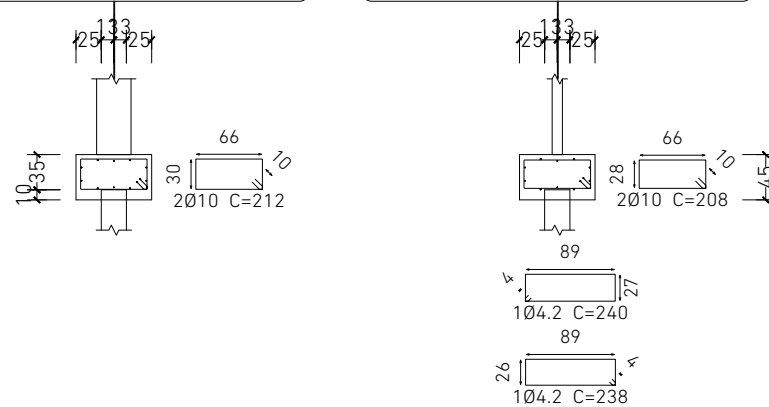
Escala 1: 100

P1

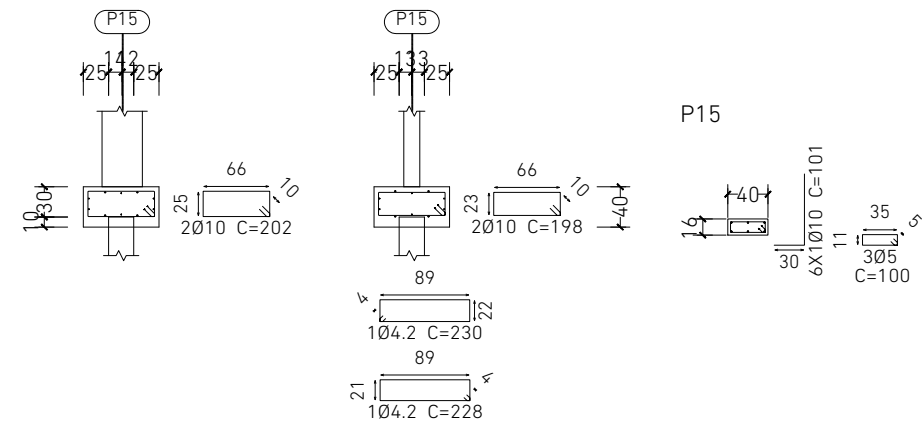


P2, P3, P4, P5, P6, P7, P8, P9, P10, P11 e P12

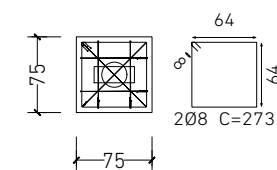
(P2, P3, P4, P5, P6, P7, P8, P9, P10, P11 e P12) (P2, P3, P4, P5, P6, P7, P8, P9, P10, P11 e P12)



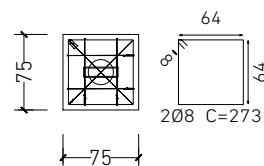
P15



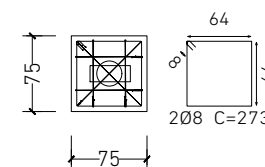
Estacas: Estaca Raiz



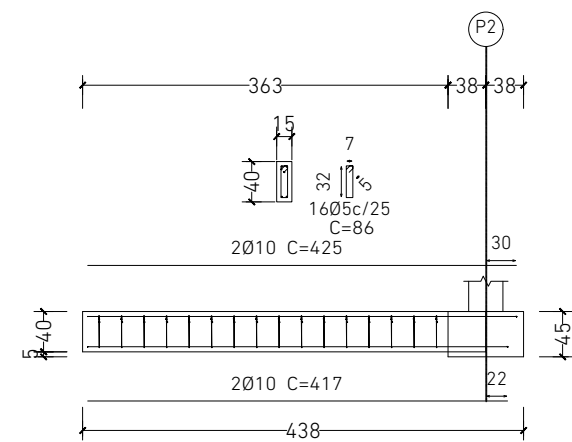
Estacas: Estaca Raiz



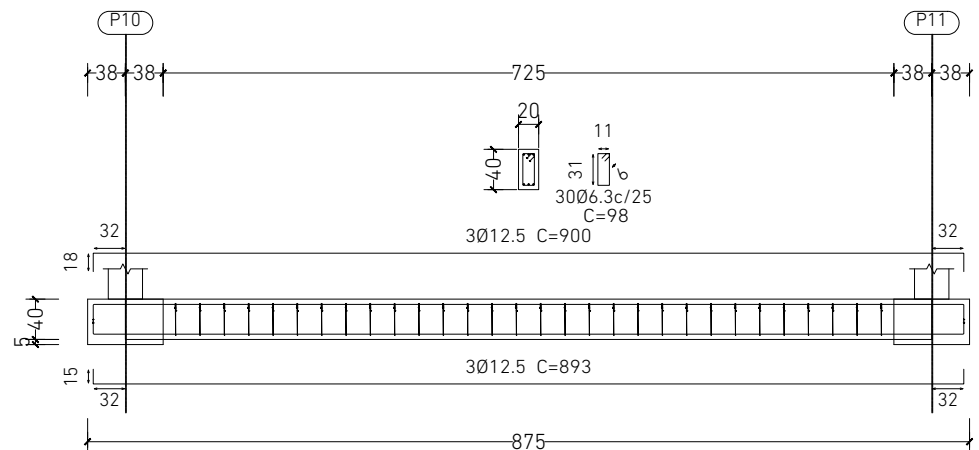
Estacas: Estaca Raiz



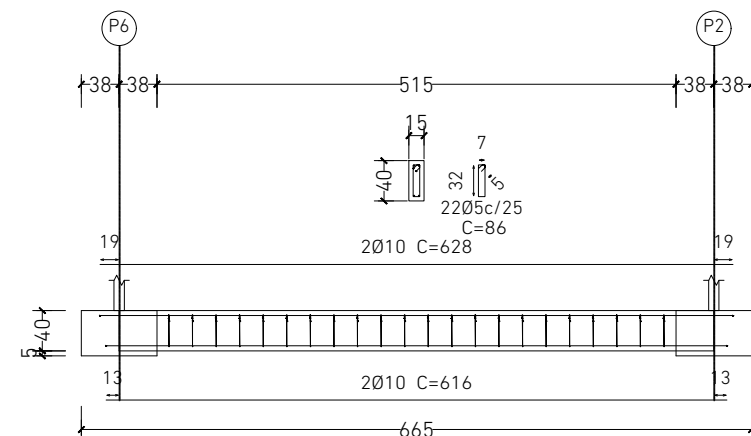
VT 1 [P13 - P2]



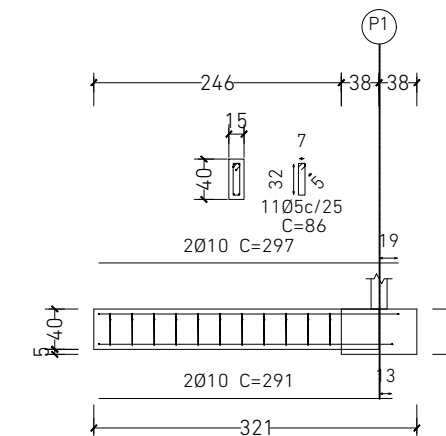
VT 5 [P10 - P11]



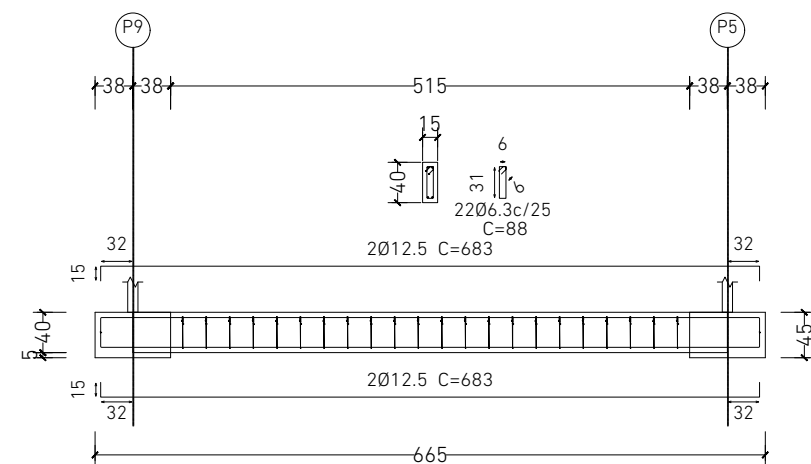
VT 1 [P6 - P2]



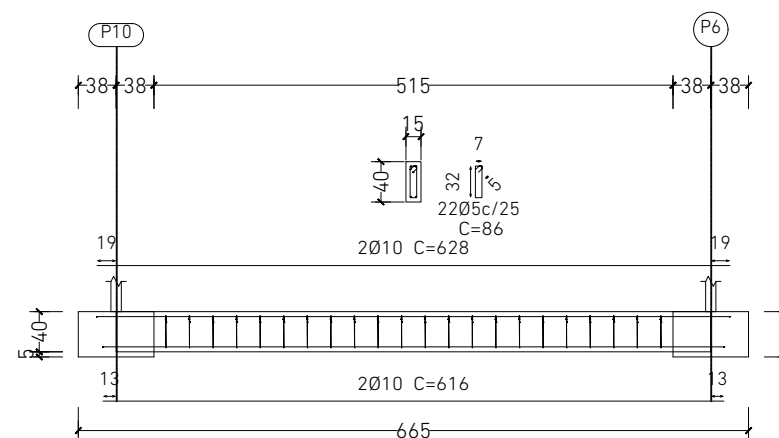
VT 1 [P14 - P1]



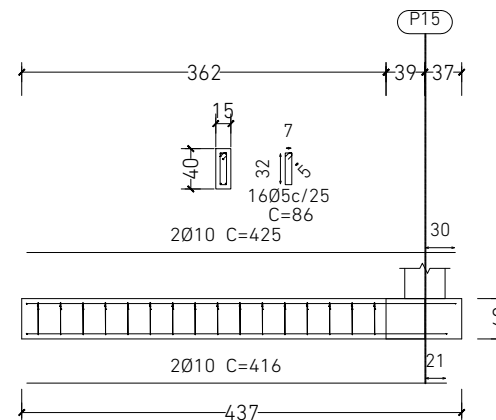
VT 2 [P9 - P5]



VT 1 [P10 - P6]



VT 1 [P14 - P15]



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Fundação - Galpão

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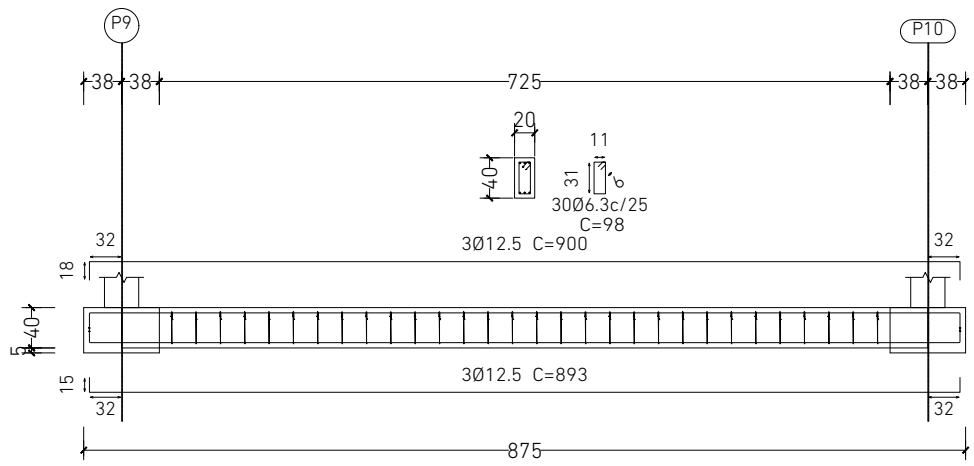
Área Construída 697,10 m²

Data Agosto de 2023

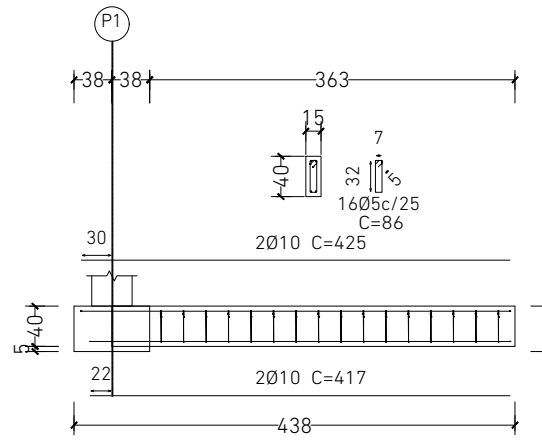
A3 - 05/09

Escala 1:75

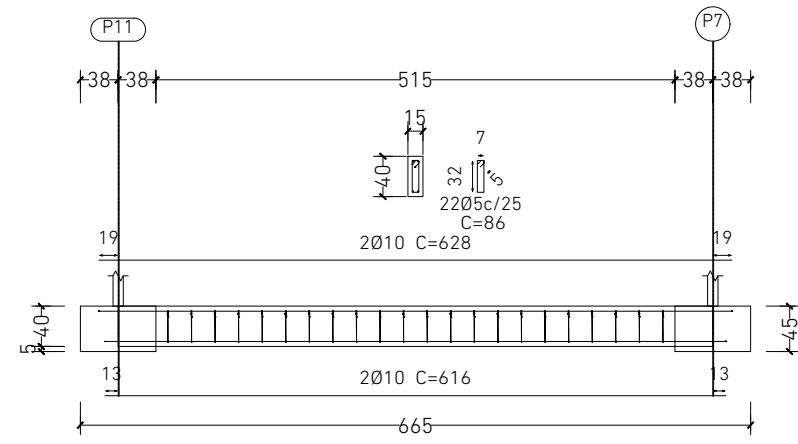
VT 5 [P9 - P10]



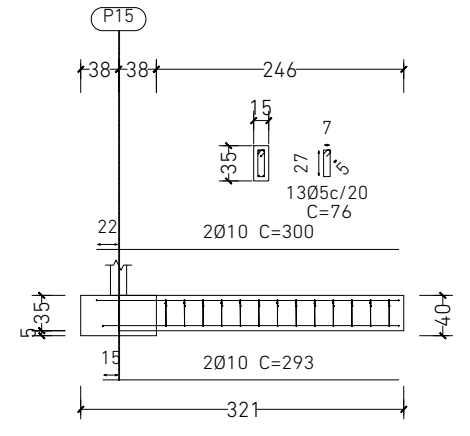
VT 1 [P1 - P13]



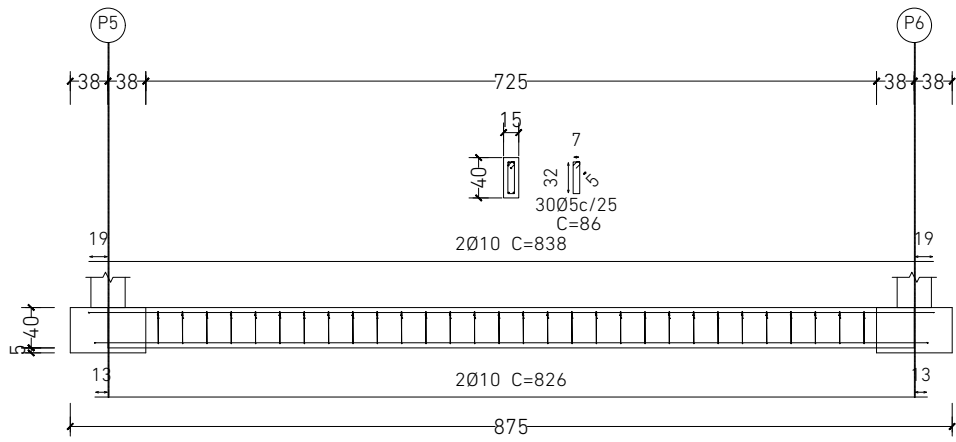
VT 1 [P11 - P7]



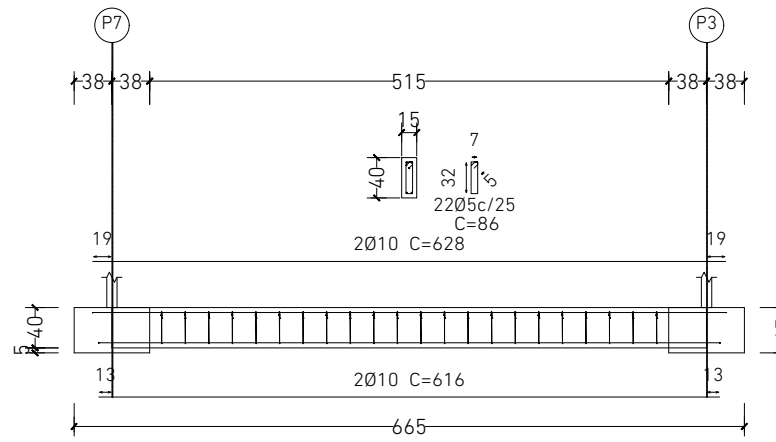
Viga Equilíbrio 4 [P15 - P13]



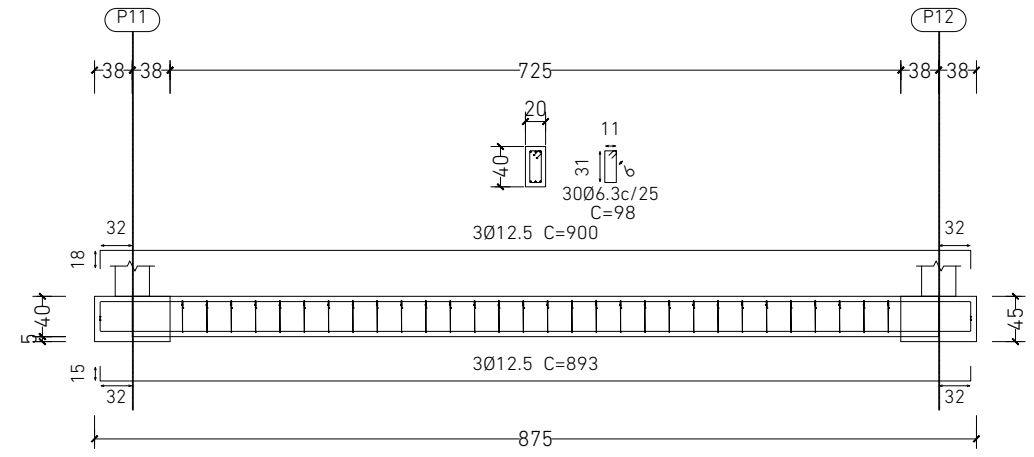
VT 1 [P5 - P6]



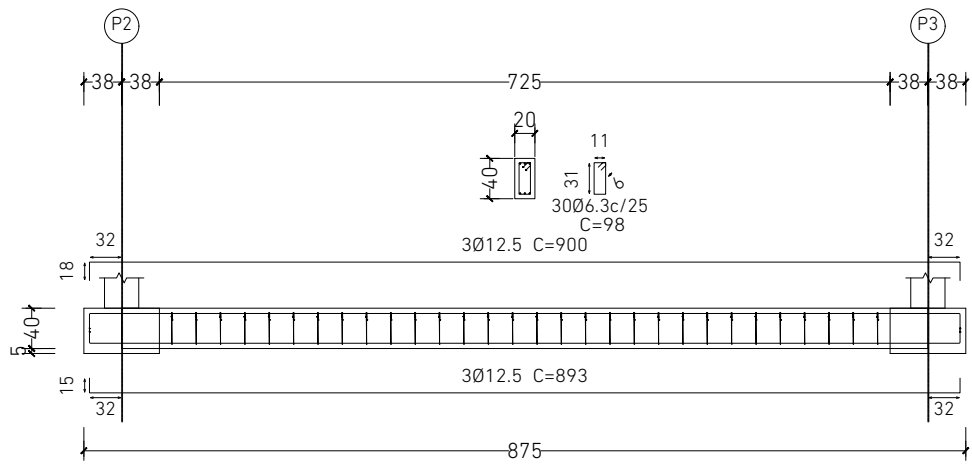
VT 1 [P7 - P3]



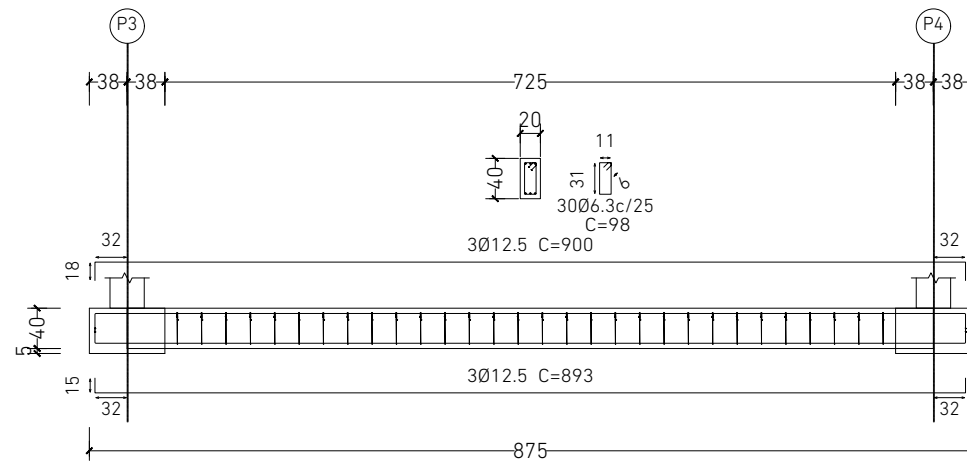
VT 5 [P11 - P12]



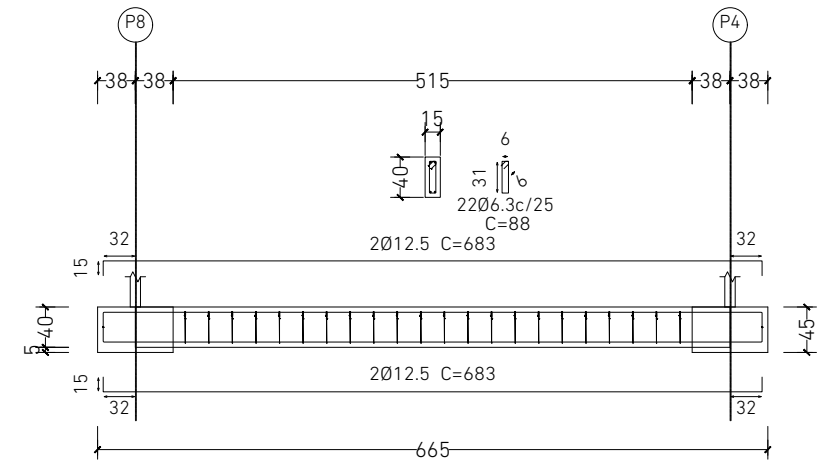
VT 5 [P2 - P3]



VT 5 [P3 - P4]



VT 2 [P8 - P4]



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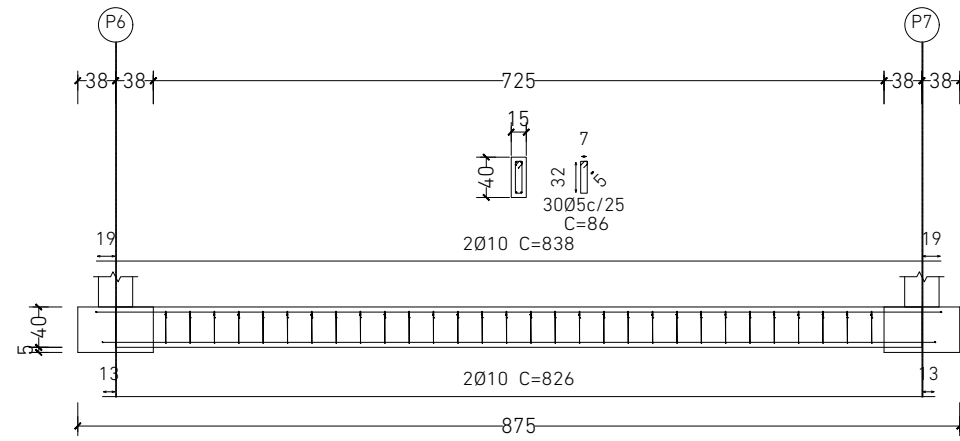
A3 - 06/09

Área Construída 697,10 m²

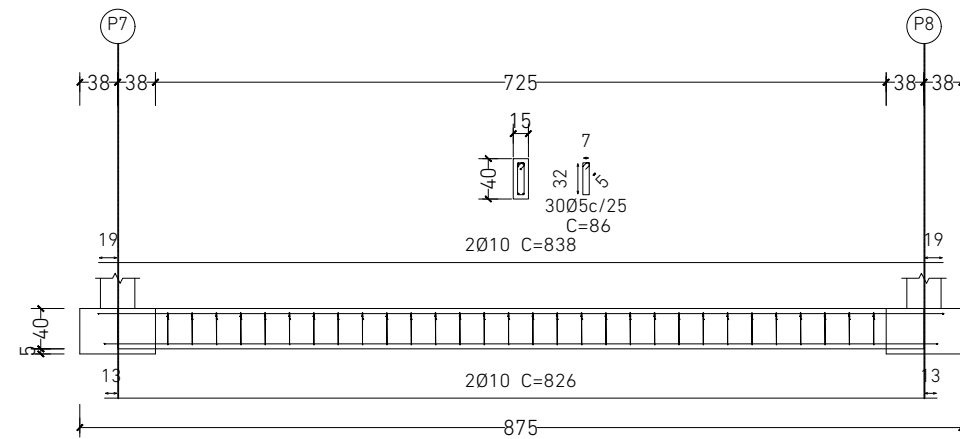
Data Agosto de 2023

Escala 1:75

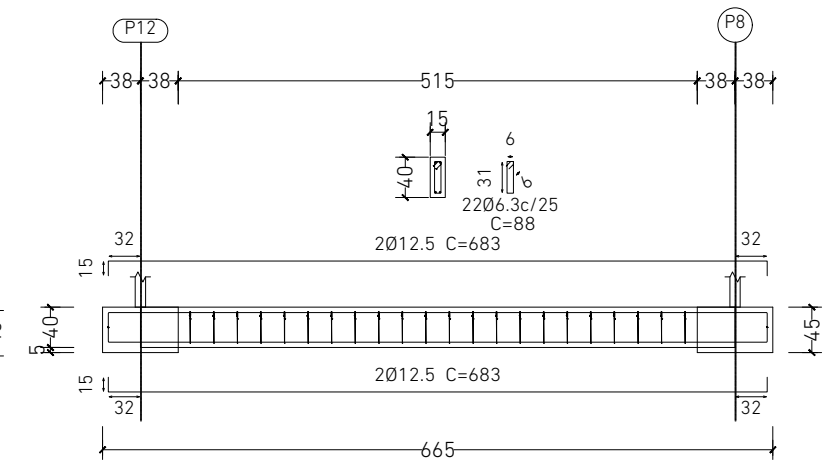
VT 1 [P6 - P7]



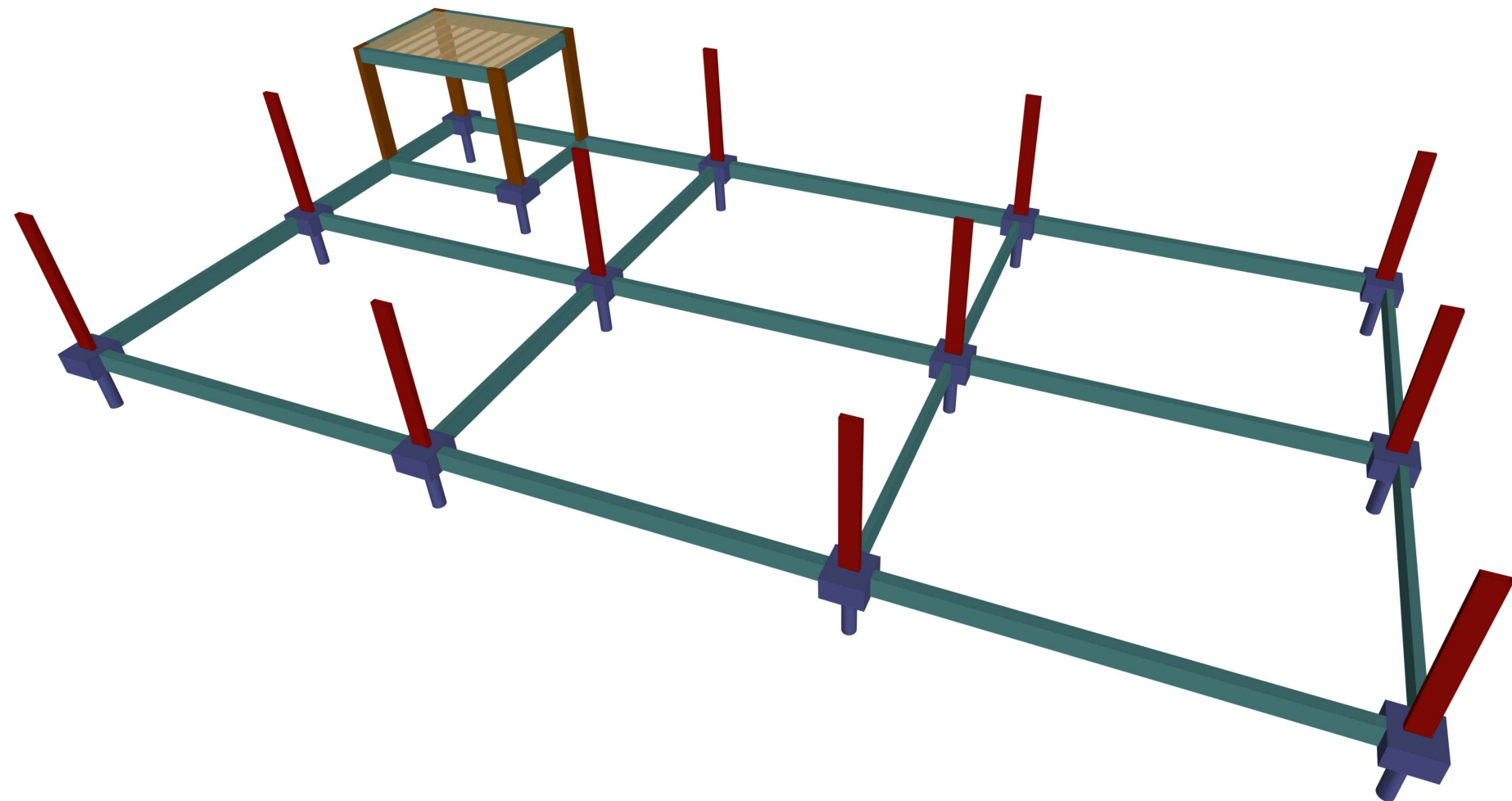
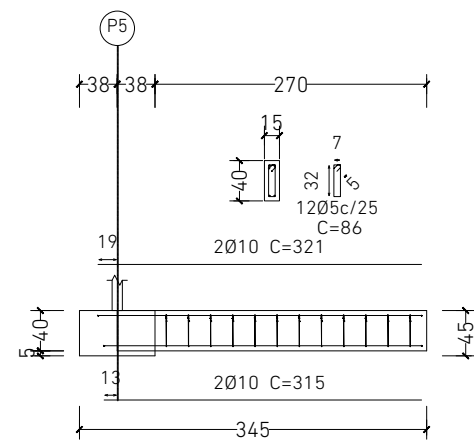
VT 1 [P7 - P8]



VT 2 [P12 - P8]



VT 1 [P5 - P14]



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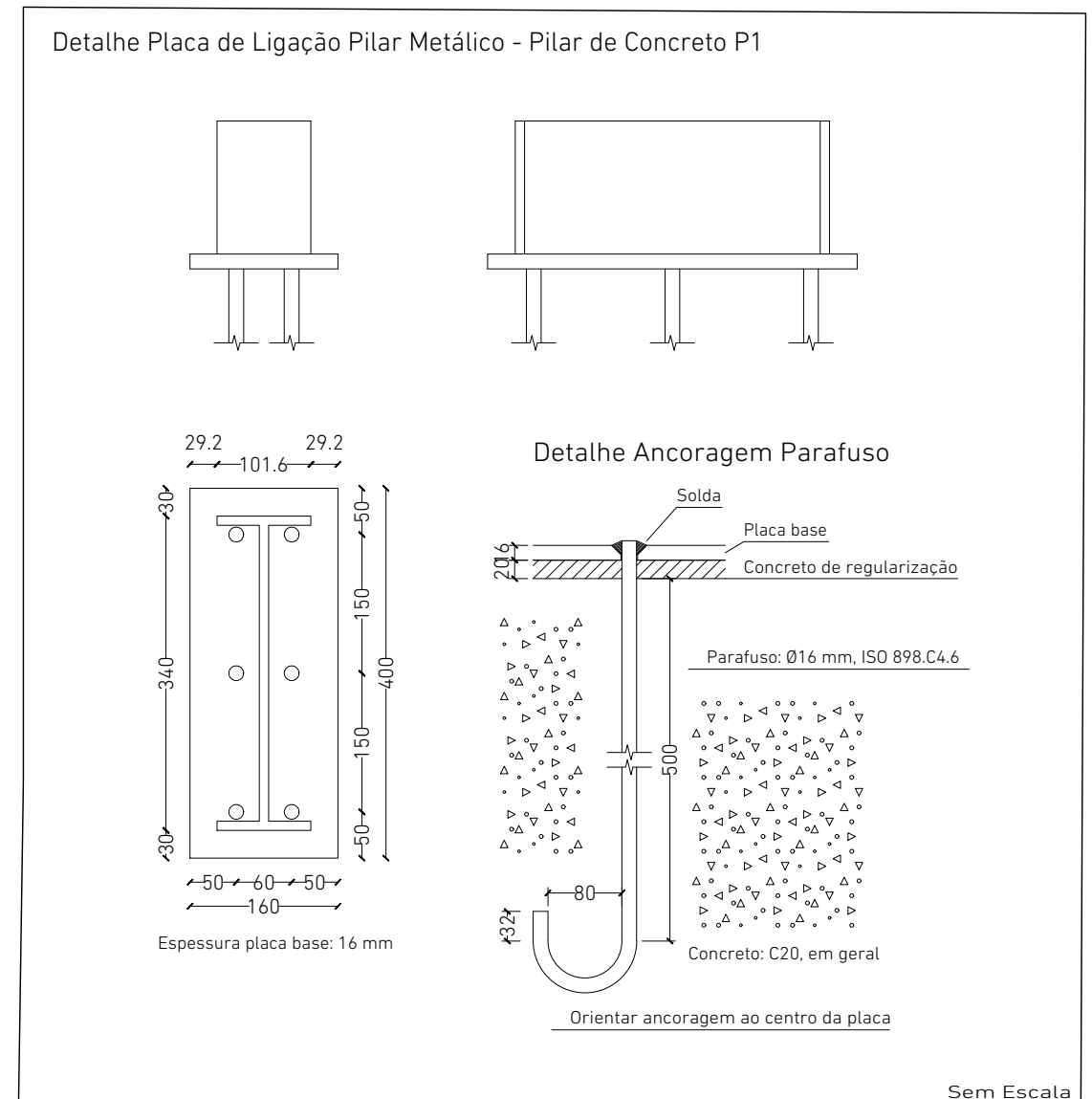
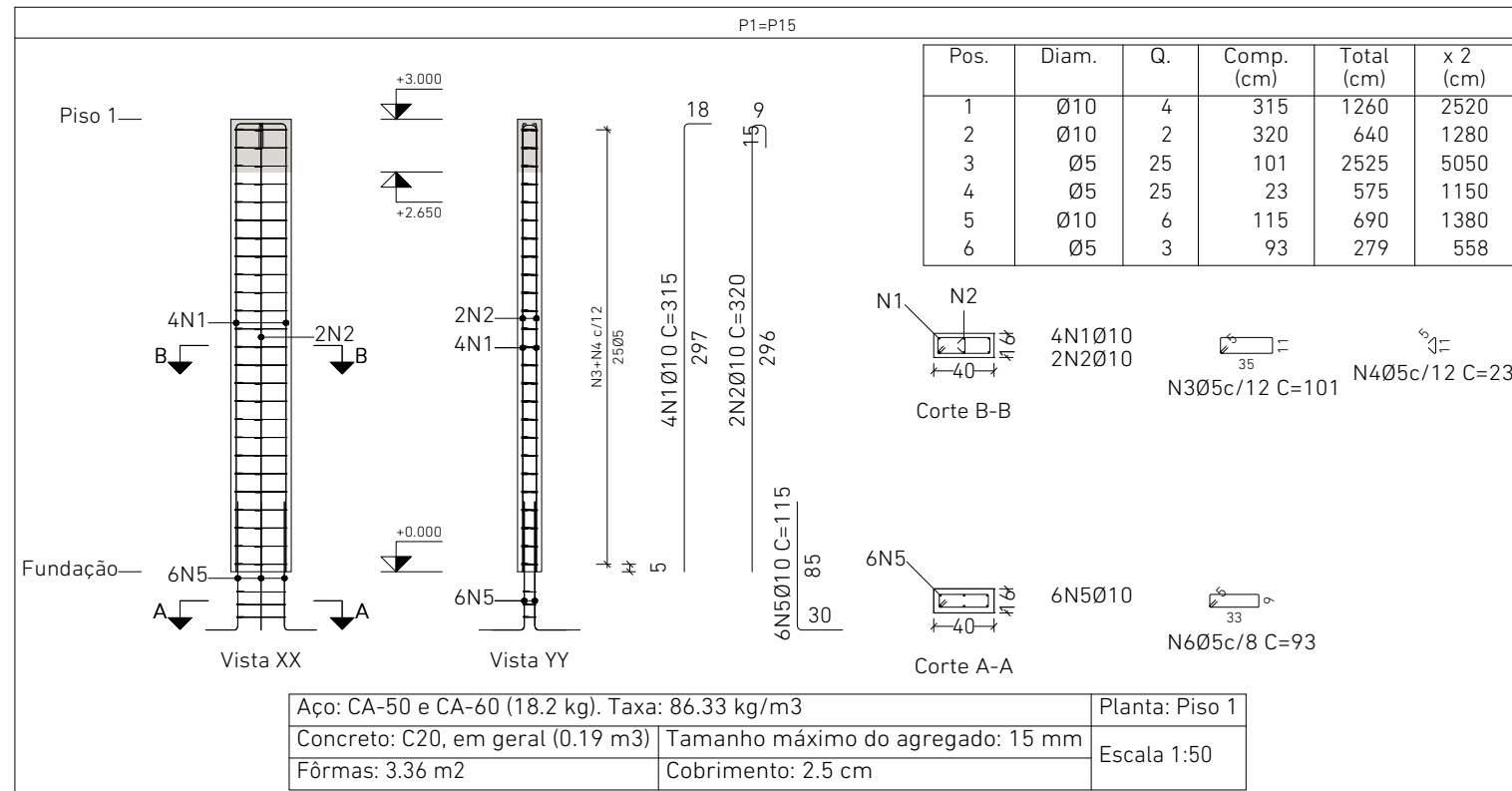
Área Construída 697,10 m²

Data Agosto de 2023

A3 - 07/09

Escala

1:75



Pilares que nascem em Fundação e chegam em Piso 2
 Concreto: C20, em geral
 Aço das barras: CA-50 e CA-60
 Aço dos estribos: CA-50 e CA-60
 Aço laminado em perfis: A-36

