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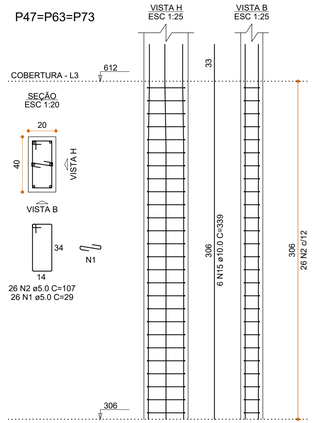

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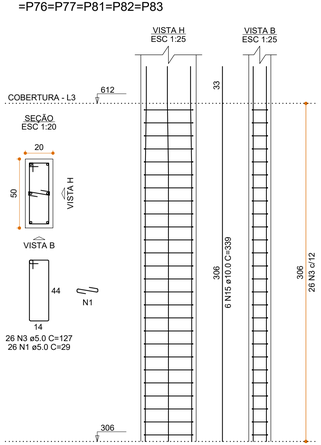

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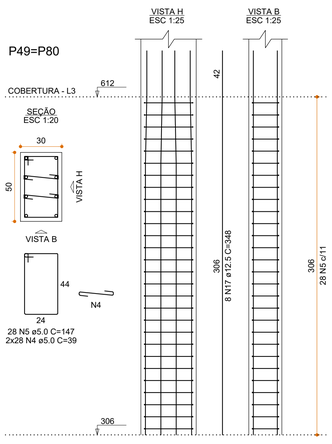

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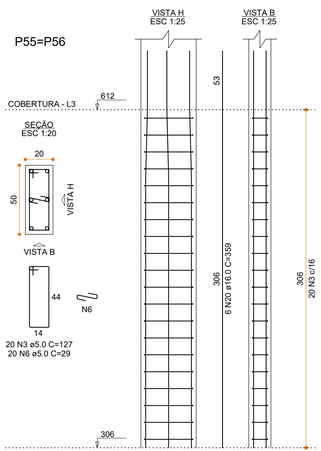

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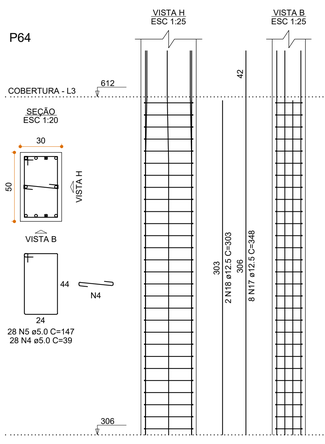

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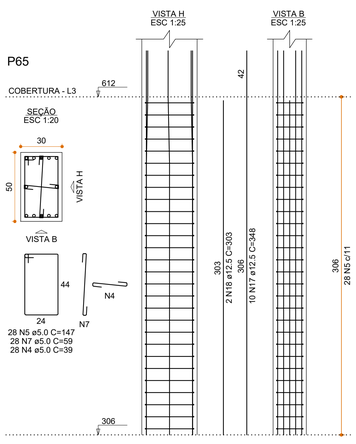
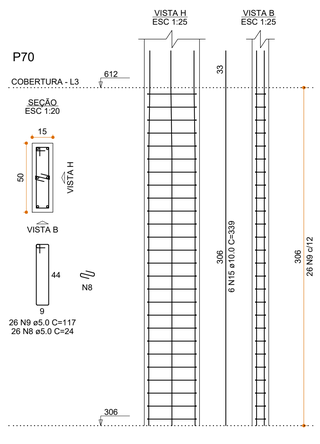


P70



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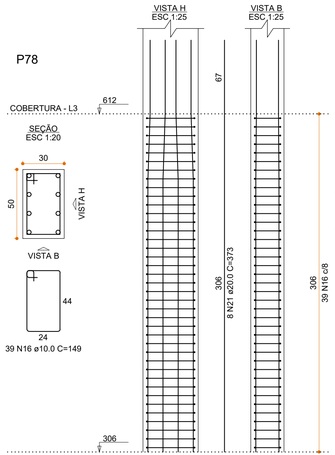

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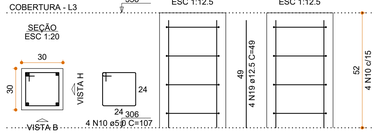

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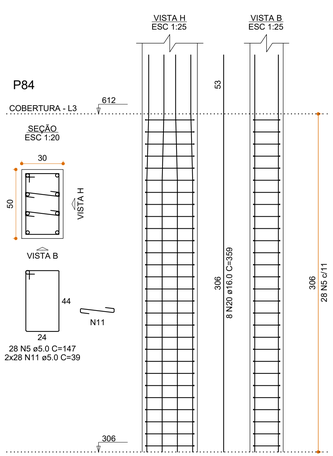

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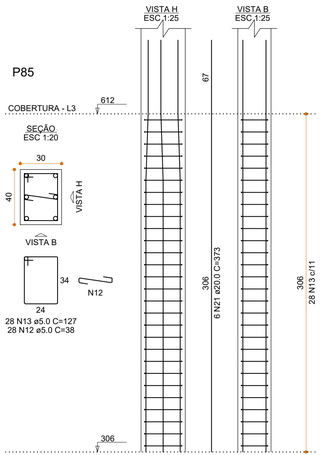

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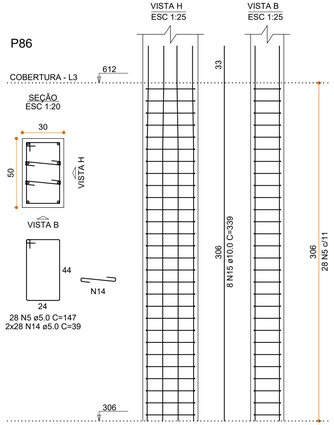

RELAÇÃO DO AÇO

3xP47	11xP48	2xP49
2xP55	P64	P65
P70	P78	P79
P84	P85	P86

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	364	29	10556
	2	5.0	78	107	8346
	3	5.0	326	127	41402
	4	5.0	168	39	6552
	5	5.0	168	147	24696
	6	5.0	40	29	1160
	7	5.0	28	59	1652
	8	5.0	26	24	624
	9	5.0	26	117	3042
	10	5.0	4	107	428
	11	5.0	56	39	2184
	12	5.0	28	38	1064
	13	5.0	28	127	3556
	14	5.0	56	39	2184
CA50	15	10.0	98	339	33222
	16	10.0	39	149	5811
	17	12.5	34	348	11832
	18	12.5	4	303	1212
	19	12.5	4	49	196
	20	16.0	20	359	7180
	21	20.0	14	373	5222

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	390.3	240.7
	12.5	132.4	127.5
	16.0	71.8	113.3
	20.0	52.2	128.8
CA60	5.0	1074.5	165.6

PESO TOTAL (kg)	
CA50	610.3
CA60	165.6

Volume de concreto (C-30) = 8.57 m³
Área de forma = 109.87 m²

0	Emissão Inicial	04/2024	ES
AÇÃO	DESCRIÇÃO	DATA	RESPONSÁVEL

ASSOCIAÇÃO DOS MUNICÍPIOS DA REGIÃO DA FOZ DO RIO ITAJAÍ
Rua Luiz Lopes Gonzaga, 1655 - Bairro São Vicente - CEP 88309-421 - Itajaí-SC - CREA-SC 050.968-0
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Prefeitura Municipal de Ilhota
Estado de Santa Catarina

Código: 176-2024

ESCOLA JOSÉ ELIAS DE OLIVEIRA

Data: Abril/2024
Desenho: Rui

Projeto: ESTRUTURAL - ETAPA B
Endereço: Rua Vereador Alcides Gonçalves, nº 182 Bairro Minas

Conteúdo da Folha: Vigas do pavimento cobertura

Projeto: EST
Folha: 15/21

Prefeitura Municipal
Erico de Oliveira
Prefeito Municipal

Responsável Técnico
ENIO GUI FERREIRA DE SAMPAIO
Assinado de forma digital por ENIO GUI FERREIRA DE SAMPAIO JUNIOR:04727980908
Dados: 2024.05.02 13:50:19 -03'00'
Enio Gui Ferreira de Sampaio Jr.
Engenheiro Civil - CREA-SC 133.019-8