PILARES

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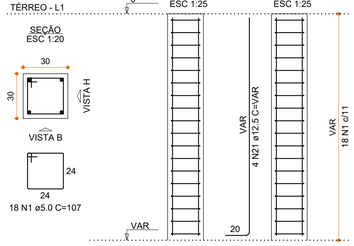

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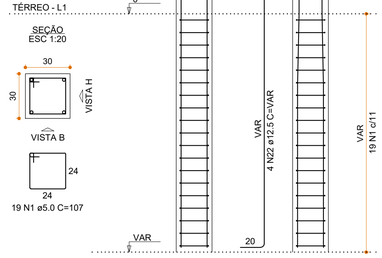

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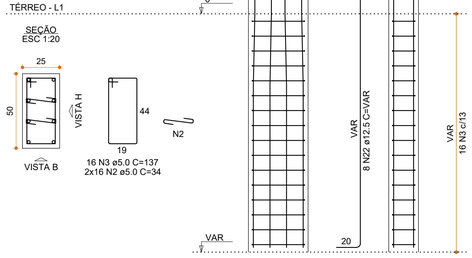

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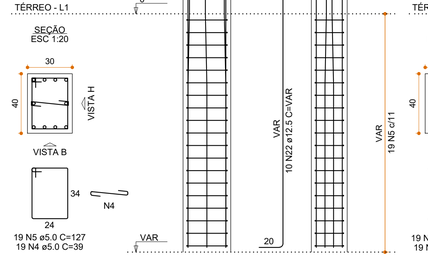

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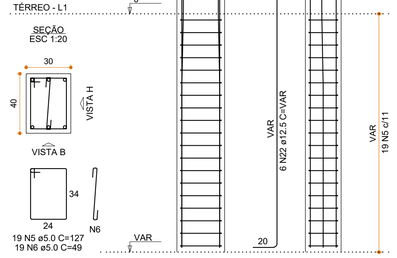

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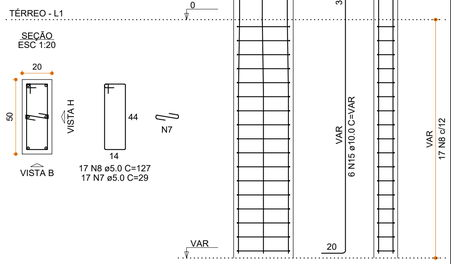

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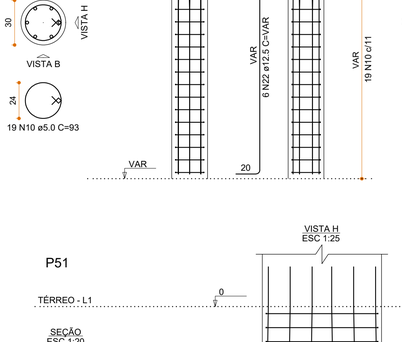

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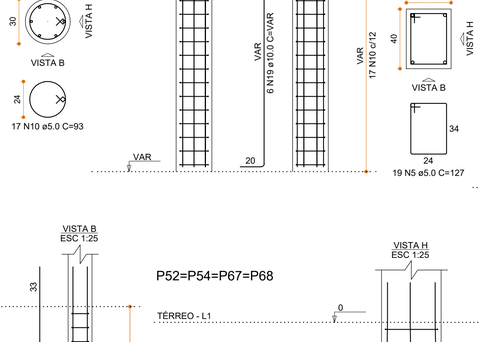

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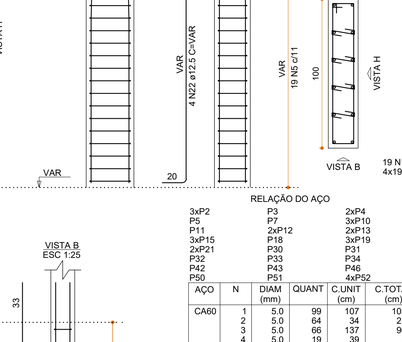

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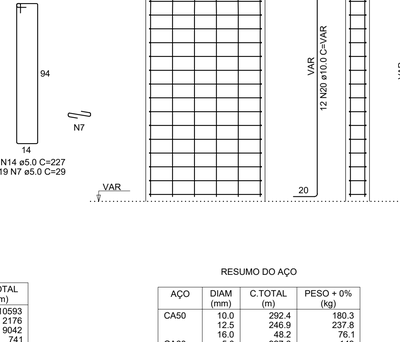

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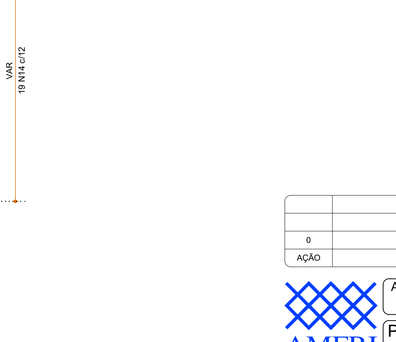

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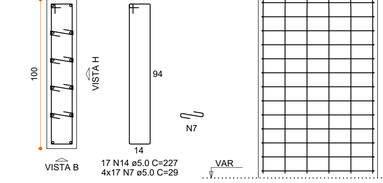
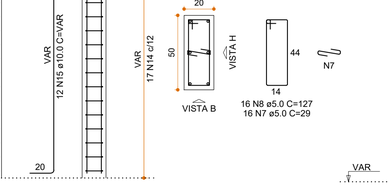


P30



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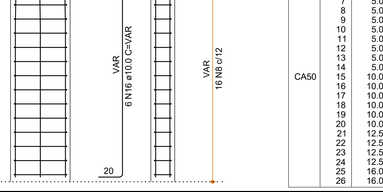

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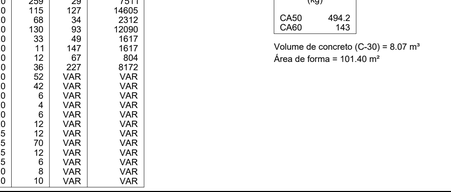

P33

P34

P42

P43

P46

P50

P51

P52=P54=P67=P68

RELAÇÃO DO AÇO

3xP2	P3	2xP4	
P5	P7	3xP10	
P11	2xP12	2xP13	
3xP15	P18	3xP19	
2xP21	P30	P31	
P32	P33	P34	
P42	P43	P46	
P50	P51	4xP52	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	99	107	10593
	2	5.0	64	34	2176
	3	5.0	66	137	9042
	4	5.0	19	39	741
	5	5.0	151	127	19177
	6	5.0	47	49	2303
	7	5.0	259	29	7511
	8	5.0	115	127	14605
	9	5.0	68	34	2312
	10	5.0	130	93	12090
	11	5.0	33	49	1617
	12	5.0	11	147	1617
	13	5.0	12	67	804
	14	5.0	36	227	8172
CA50	15	10.0	52	VAR	VAR
	16	10.0	42	VAR	VAR
	17	10.0	6	VAR	VAR
	18	10.0	4	VAR	VAR
	19	10.0	6	VAR	VAR
	20	10.0	12	VAR	VAR
	21	12.5	12	VAR	VAR
	22	12.5	70	VAR	VAR
	23	12.5	12	VAR	VAR
	24	12.5	6	VAR	VAR
	25	16.0	8	VAR	VAR
	26	16.0	10	VAR	VAR

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	292.4	180.3
	12.5	246.9	237.8
	16.0	48.2	76.1
CA60	5.0	927.6	143

PESO TOTAL (kg)	
CA50	494.2
CA60	143

Volume de concreto (C-30) = 8.07 m³
Área de forma = 101.40 m²

0	Emissão Inicial	04/2024	ES
AÇÃO	DESCRIÇÃO	DATA	RESPONSÁVEL

AMFRI

ASSOCIAÇÃO DOS MUNICÍPIOS DA REGIÃO DA FOZ DO RIO ITAJAÍ
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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 A
Endereço: Rua Vereador Alcides Gonçalves, nº 182 Bairro Minas

Conteúdo da Folha: Pilares (térreo)

Projeto: EST
Folha: 03/21

Prefeitura Municipal
Erico de Oliveira
Prefeito Municipal

Responsável Técnico
ENIO GUI FERREIRA DE SAMPAIO
JUNIOR:04727980908
Assinado de forma digital por ENIO GUI FERREIRA DE SAMPAIO JUNIOR:04727980908
Dados: 2024.05.02 13:45:13 -03'00'
Enio Gui Ferreira de Sampaio Jr.
Engenheiro Civil - CREA-SC 133.019-8