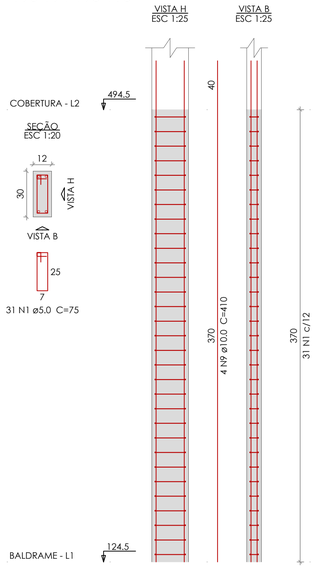
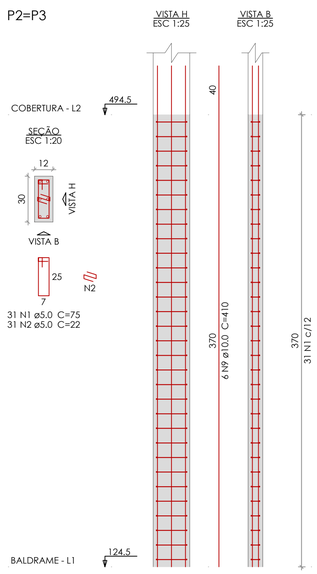
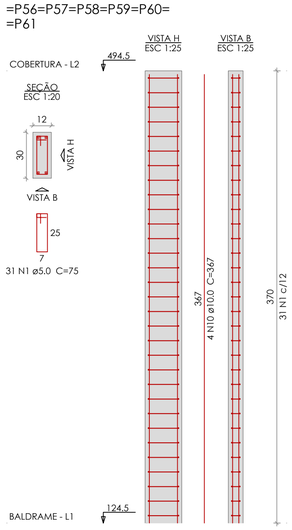
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=P10=P11=P12=P14=P17=
=P21=P22=P25=P26=P28=
=P30=P37=P40=P46=P55=
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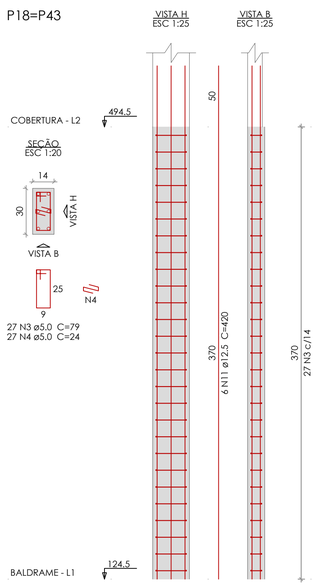
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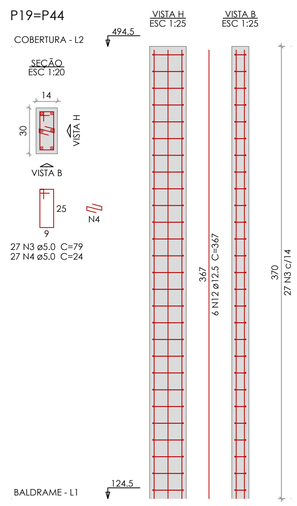
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=P56=P57=P58=P59=P60=
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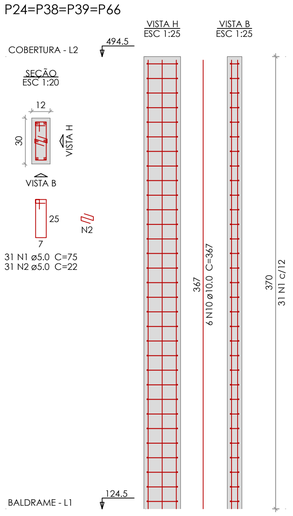
P18=P43



P19=P44



P24=P38=P39=P66



Relação do aço

31xP1	2xP2	21xP13
2xP18	2xP19	4xP24
P34	P35	2xP41
P45	P53	P54

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1829	75	137175
	2	5.0	186	22	4092
	3	5.0	170	79	13430
	4	5.0	108	24	2592
	5	5.0	62	24	1488
	6	5.0	112	91	10192
	7	5.0	31	22	682
	8	5.0	25	30	750
CA50	9	10.0	150	410	61500
	10	10.0	114	367	41838
	11	12.5	26	420	10920
	12	12.5	18	367	6606

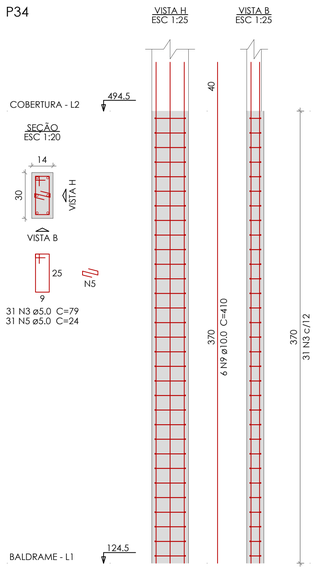
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	10.0	1033.4	637.1
	12.5	175.3	168.8
CA60	5.0	1704.1	262.6

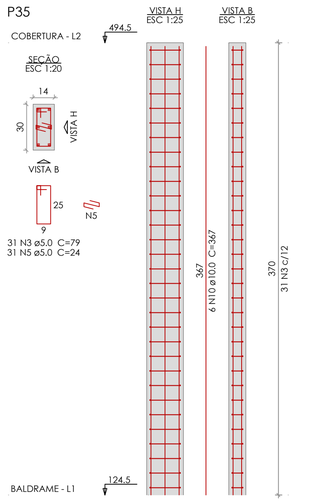
PESO TOTAL (kg)	
CA50	806
CA60	262.6

Volume de concreto (C-30) = 9.68 m³
Área de forma = 217.71 m²

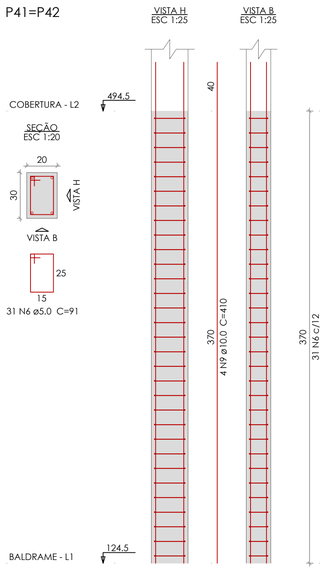
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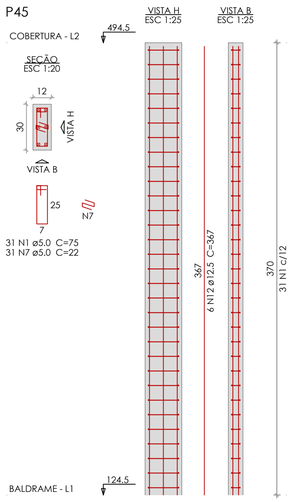
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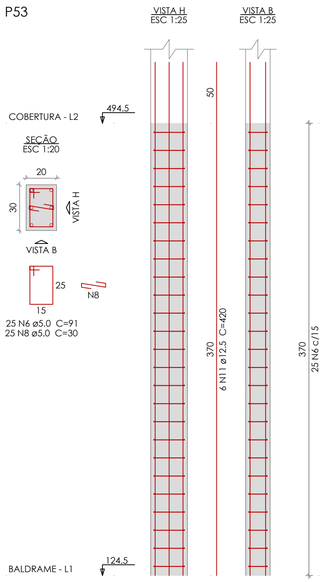
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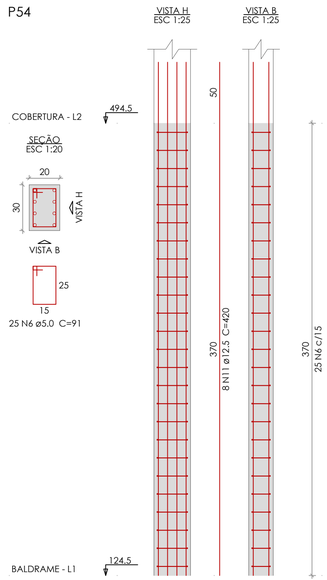
P45



P53



P54



REV.	DESCRIÇÃO	DATA	EXEC.	VERIF.	APROV.
0	EMISSÃO ORIGINAL	14/11/25	CEGEO	TIAGO	PMM

AS INFORMAÇÕES DESTE DOCUMENTO SÃO PROPRIEDADE DA PREFEITURA MUNICIPAL DE MARACAJÁ, SENDO PROIBIDA A UTILIZAÇÃO FORA DA SUA FINALIDADE.

RESP. TÉCNICO:
TIAGO ROSSO URBANO - ENG.º CIVIL - CREA/SC: 126.160-6

CONTRATO:

ELABORAÇÃO:
UNIVERSIDADE DO EXTREMO SUL CATARINENSE
IPAT - Instituto de Pesquisas Ambientais e Tecnológicas
Rodovia Gov. Jorge Lacerda, Km 4,5 - Bairro Sangão - Criciúma/SC
Cx.Postal. 3167 - Fone/Fax (48) 3431 4500/ 3431 4540 CEP 88805-350

CONTRATANTE:
PREFEITURA MUNICIPAL DE MARACAJÁ
AVENIDA GETÚLIO VARGAS, 530 - BAIRRO CENTRO
88915-000, MARACAJÁ-SC

OBRA:
UNIDADE BÁSICA DE SAÚDE ALEX SANDRO DA ROSA

PROJETO:
PROJETO ESTRUTURAL

CONTEÚDO:
PAV. COBERTURA - PILARES (1/2)

AREA TOTAL: 748,75 m²	ENDEREÇO: RUA PROJETADA A, SÃO CRISTÓVÃO - MARACAJÁ/SC		
ESCALA: INDICADA	DESENHO: TIAGO	FOLHA:	16/35
DATA: 14/11/2025	Nº	025-PEX-PROJ-003-025-001-EST-16-35-R00	

Ext.: A1 - 841 x 594 mm