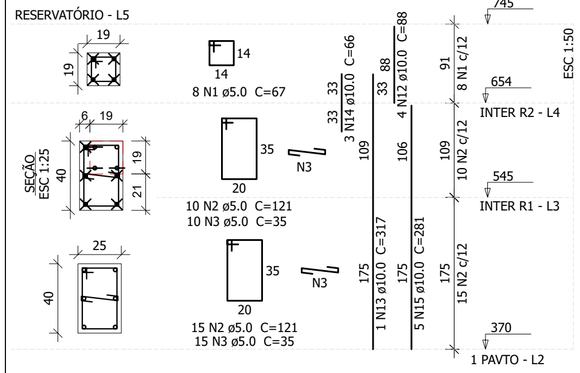
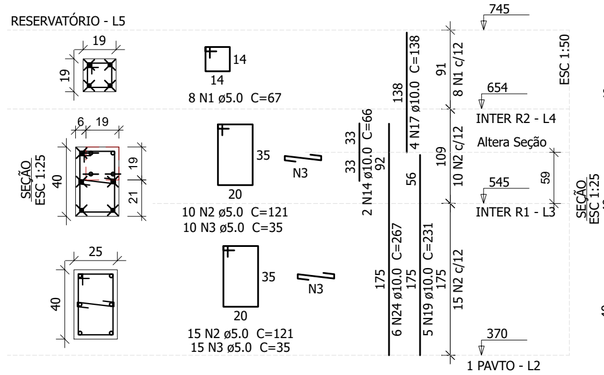
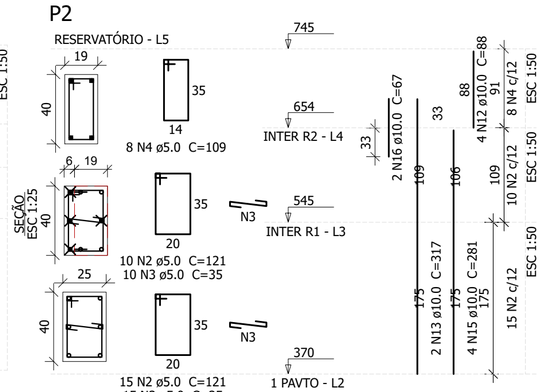
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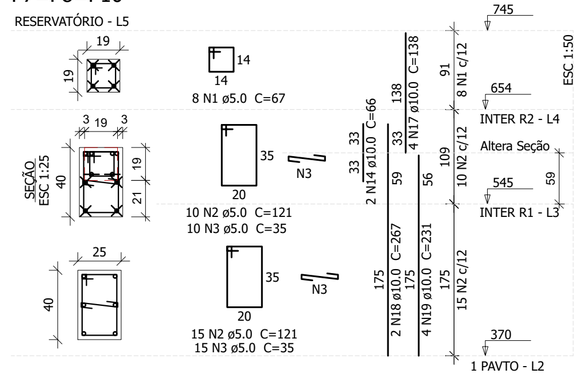
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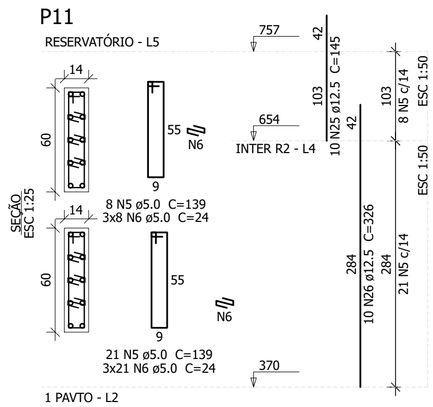
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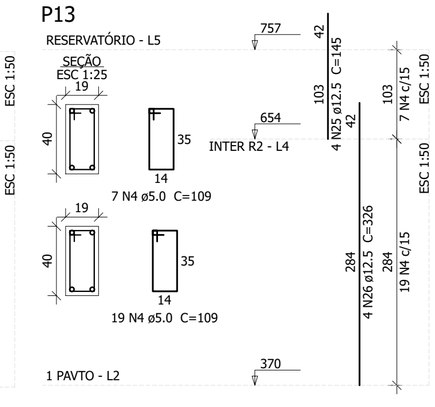
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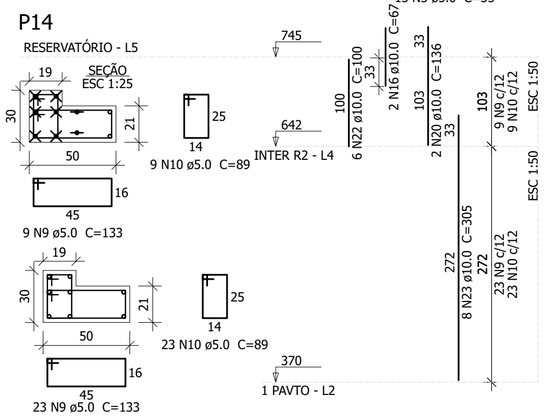
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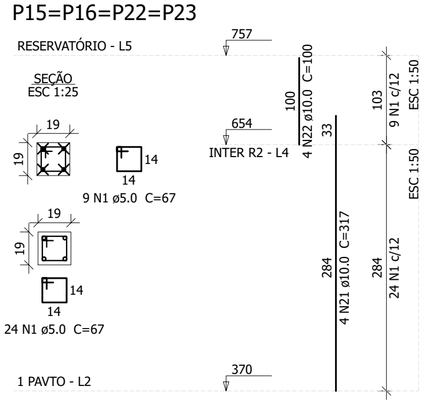
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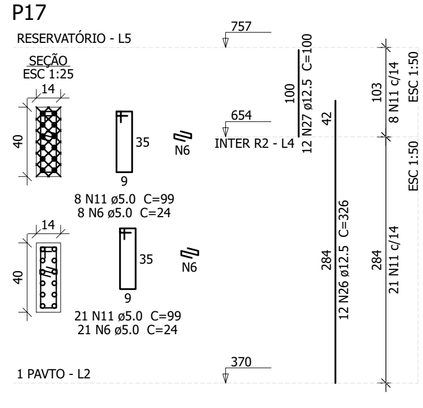
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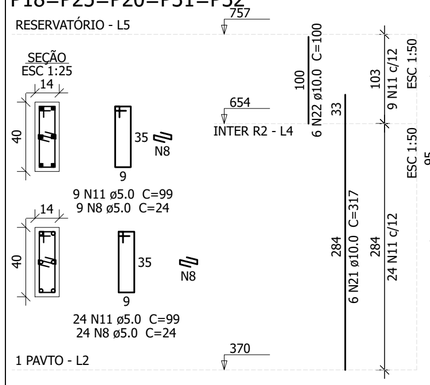
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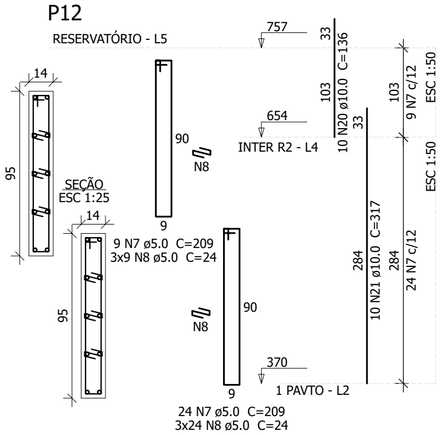
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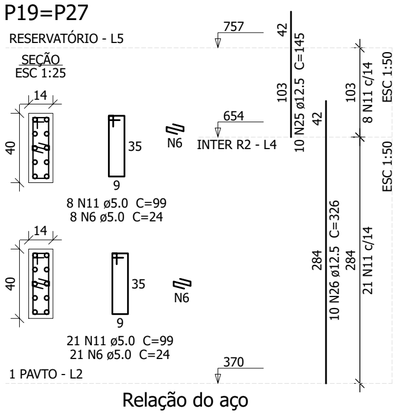
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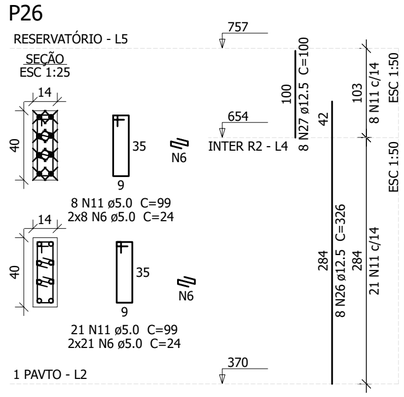
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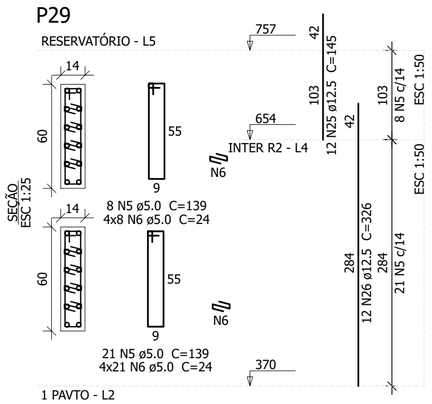
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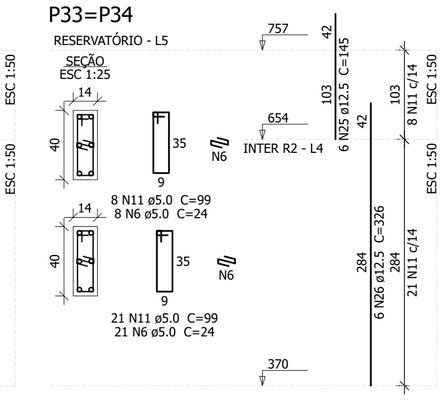
P26



P29



P33=P34



Relação do aço

2xP1	P2	2xP3
3xP7	P11	P12
P13	P14	4xP15
P17	4xP18	2xP19
P26	P29	2xP33

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	188	67	12596
	2	5.0	200	121	24200
	3	5.0	200	35	7000
	4	5.0	34	109	3706
	5	5.0	58	139	8062
	6	5.0	406	24	9744
	7	5.0	33	209	6897
	8	5.0	231	24	5544
	9	5.0	32	133	4256
	10	5.0	32	89	2848
	11	5.0	306	99	30294
CA50	12	10.0	12	88	1056
	13	10.0	4	317	1268
	14	10.0	16	66	1056
	15	10.0	14	281	3934
	16	10.0	4	67	268
	17	10.0	20	138	2760
	18	10.0	6	267	1602
	19	10.0	22	231	5082
	20	10.0	12	136	1632

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
	21	10.0	50	317	15850
	22	10.0	46	100	4600
	23	10.0	8	305	2440
	24	10.0	12	267	3204
	25	12.5	58	145	8410
	26	12.5	78	326	25428
	27	12.5	20	100	2000

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	10.0	447.6	38	275.9
	12.5	358.4	30	345.2
CA60	5.0	1151.5	-	177.5

PESO TOTAL (kg)	
CA50	621.2
CA60	177.5

Volume de concreto (C-30) = 7.12 m³
Área de forma = 118.66 m²

R00	EMISSÃO INICIAL	27/09/2024
Nº	DESCRIÇÃO	DATA

OBS.: TODAS AS MEDIDAS DEVEM SER CONFERIDAS EM OBRA. CASO SEJA NECESSÁRIO ALGUMA ALTERAÇÃO, ENTRAR EM CONTATO COM O PROJETISTA RESPONSÁVEL.

ASSINATURAS

CLIENTE:

PREFEITURA MUNICIPAL DE GOVERNADOR CELSO RAMOS
CNPJ: 82.892.373/0001-89

RESPONSÁVEL TÉCNICO: GUILHERME SILVEIRA DE OLIVEIRA:00492851905

Assinado de forma digital por GUILHERME SILVEIRA DE OLIVEIRA:00492851905
Dados: 2024.10.04 16:28:24 -03'00'

GUILHERME SILVEIRA DE OLIVEIRA
CREA/SC: 126.956-9

ESTRUTURAL

ENGEPLANTI
PROJETOS E SUPERVISÃO
Engeplanti Consultoria LTDA./ CREA nº 163388-0 / CNPJ 23.002.667/0001-29
Rua Cristóvão Nunes Pires, 110 - CEP 88010-120 - Florianópolis / Fone: (48) 3364-2209 / e-mail: projetos@engeplanti.com.br

OBRA: **POSTO DOS BOMBEIROS DE PALMAS**

INSCRIÇÃO IMOBILIÁRIA: -

ENDEREÇO: RUA ROSENDO JOAQUIM SAGAS, S/N, PALMAS, GOVERNADOR CELSO RAMOS/SC

CONTEÚDO: ARMAÇÃO PILARES RESERVATÓRIO

ESCALA: INDICADA

ETAPA: PROJETO EXECUTIVO

PRANCHA: EST 19/26

ARQUIVO: 029-23-25-BOMBEIROS-EST-PE-019-RESE-ARM-R00.dwg