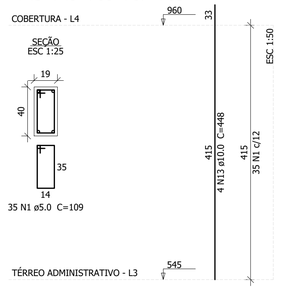
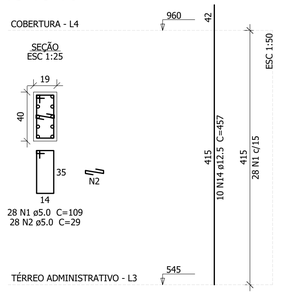
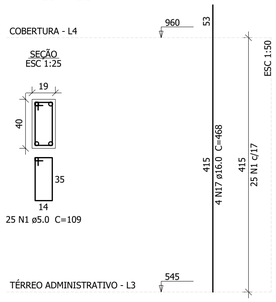
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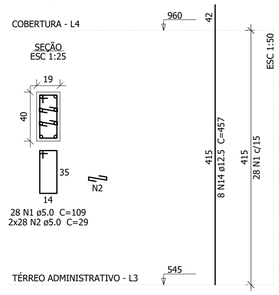
P3=P5=P8



P7=P15=P28



P9=P63=P64



Relação do aço

25xP1	3xP3	3xP7
3xP9	7xP10	5xP12
P18	P20	P22
2xP37	P43	P46
P52	P57	P58
P61	P65	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1637	109	178433
	2	5.0	308	29	8932
	3	5.0	315	29	9135
	4	5.0	99	121	11979
	5	5.0	64	35	2240
	6	5.0	25	29	725
	7	5.0	18	71	1278
	8	5.0	35	159	5565
	9	5.0	35	99	3465
	10	5.0	35	24	840
	11	5.0	35	35	1225
	12	5.0	32	131	4192
CA50	13	10.0	162	448	72576
	14	10.0	2	67	134
	15	10.0	4	243	972
	16	12.5	118	457	53926
	17	16.0	34	468	15912
	18	16.0	2	107	214
	19	16.0	3	126	378

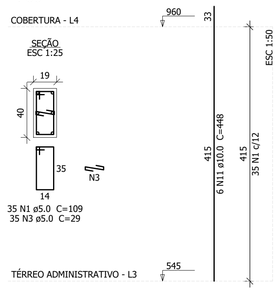
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	10.0	736.9	62	454.3
	12.5	539.3	45	519.5
	16.0	165.1	14	260.5
CA60	5.0	2280.1	-	351.4

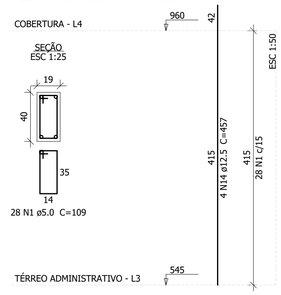
PESO TOTAL (kg)	
CA50	1234.3
CA60	351.4

Volume de concreto (C-30) = 18.62 m³
Área de forma = 284.88 m²

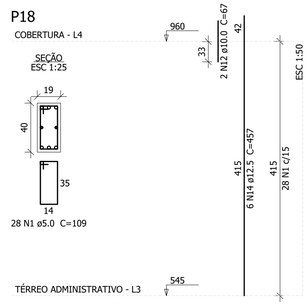
P10=P16=P26=P40=P56=P59= =P60



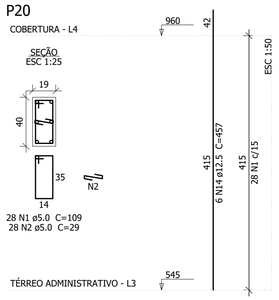
P12=P42=P53=P54=P55



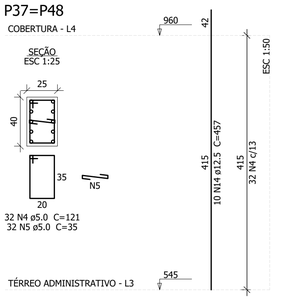
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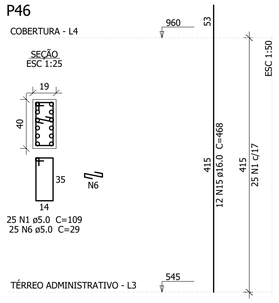
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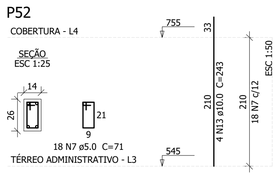
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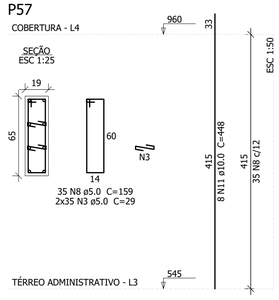
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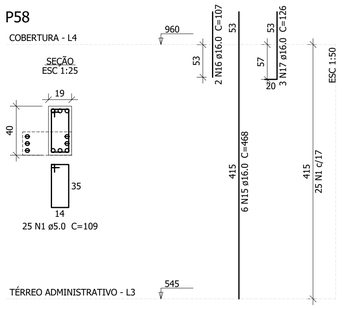
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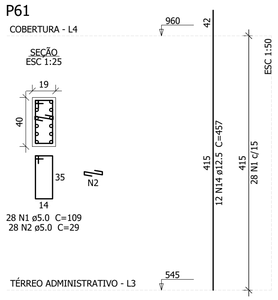
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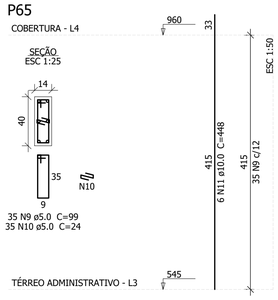
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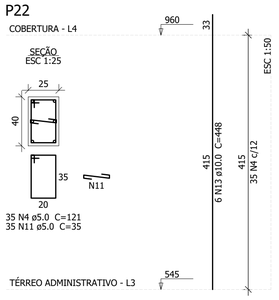
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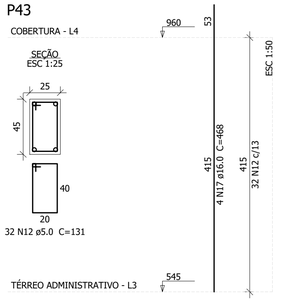
P65



P22



P43



R01	DIVISÃO DAS FASES	18/03/2026
R00	EMISSÃO INICIAL	12/02/2026
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
82.892.373/0001-89

RESPONSÁVEL TÉCNICO:

MARCO AURELIO SACENTI:04158791910 Assinado de forma digital por MARCO AURELIO SACENTI:04158791910 Dados: 2026.03.19 15:29:02 -03'00'

MARCO AURÉLIO SACENTI
CREA/SC 082270-7

ESTRUTURAL

ENGEPLANTI

PROJETOS E SUPERVISÃO

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Rua Cristóvão Nunes Pires, 110 - CEP 88010-120 - Florianópolis / Fone: (48) 3364-2209 / e-mail: projetos@engeplanti.com.br

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CEI DULCE GODINHO NAZÁRIO

INSCRIÇÃO IMOBILIÁRIA:

ENDEREÇO:
RUA SÃO PEDRO, CANTO DOS GANCHOS, GOVERNADOR CELSO RAMOS/SC

CONTEÚDO:
DETALHAMENTO PILARES COBERTURA
EDIFICAÇÃO PRINCIPAL (100)

ESCALA: INDICADA

ETAPA: PROJETO EXECUTIVO

ARQUIVO: 029-23-28-CEI DULCE-EST-PE-127-DETALHAMENTO PILARES COBERTURA -R01.dwg

PRANCHA: EST **27**/35