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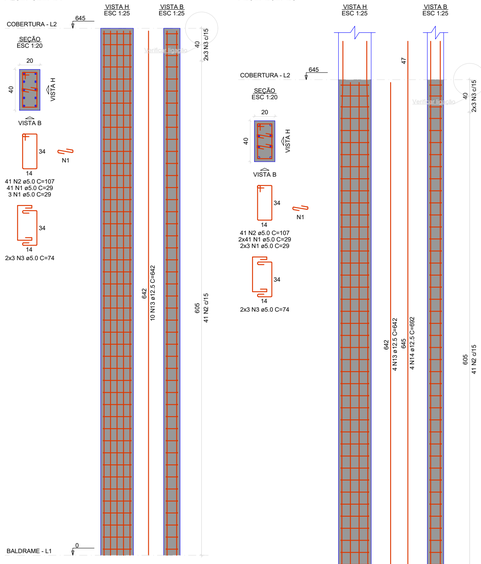

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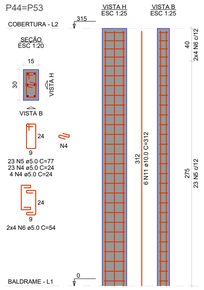
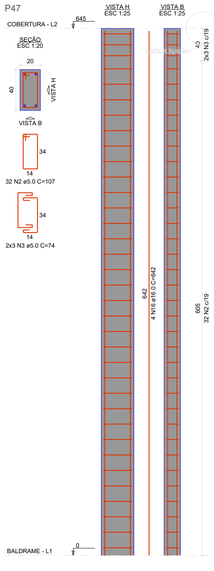
P44=P53



P47



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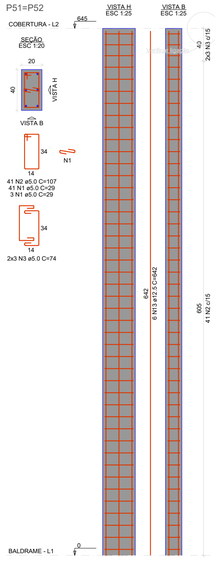
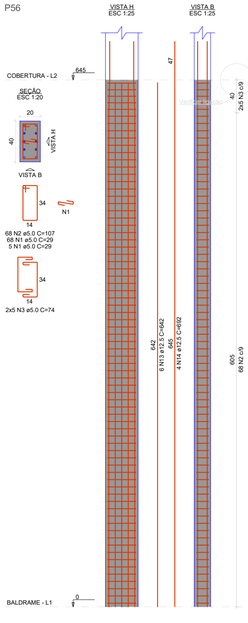
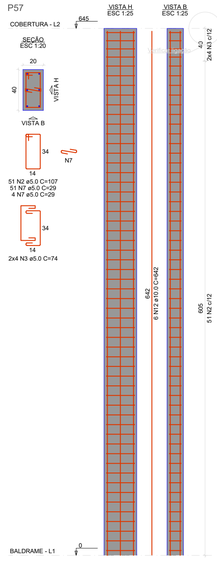


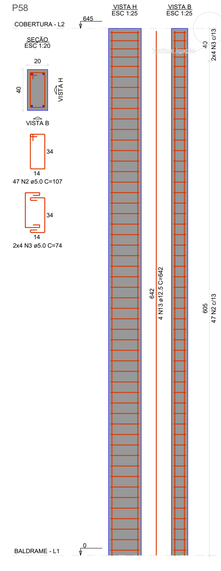
P56



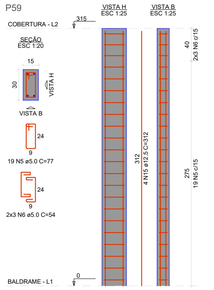
P57



P58



P59



RELAÇÃO DO AÇO

P=P28	P=P43	P=P44			
P=P47	P=P51	P=P52			
P=P53	P=P56	P=P57			
P=P58	P=P59	P=P60			
P=P61	P=P62	P=P63			
P=P64	P=P65	P=P66			
P=P67					

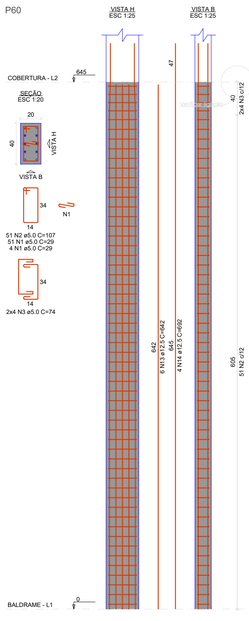
AÇO	N	DIAM (mm)	QUANT (m)	C.UNIT (m)	C.TOTAL (m)
CA50	1	6.3	627	32	19633
	2	8.0	1064	74	78736
	3	5.0	1964	74	145336
	4	6.3	305	77	23485
	5	8.0	845	77	65065
	6	10.0	1248	77	96096
CA60	7	5.0	65	24	1560
	8	6.3	42	76	3192
	9	8.0	42	76	3192
	10	10.0	12	312	3744
	11	12.5	12	312	3744
	12	12.5	2	642	1284
	13	16.0	57	642	36594
	14	16.0	36	842	30312
	15	16.0	36	842	30312
	16	16.0	36	842	30312

RESUMO DO AÇO

AÇO	DIAM (mm)	C. TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CA50	6.3	3883	53	95
	8.0	3210	68	453
	10.0	710	57	554
	12.5	385.4	68	1463
CA60	5.0	1091.1	74	169.1
PESO TOTAL (kg)				
CA50	1502.9			
CA60	169.1			

Volume de concreto (C-25) = 10.75 m³
Área da forma = 163.31 m²

P60



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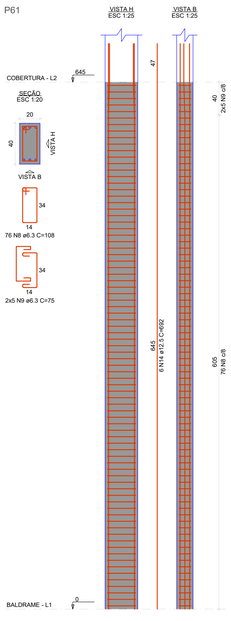
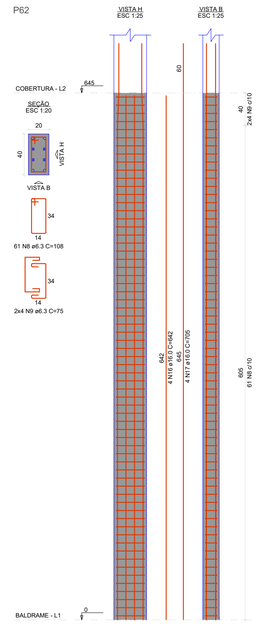
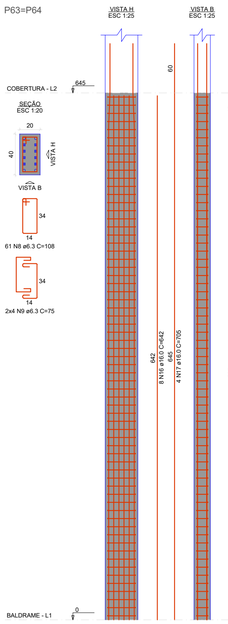


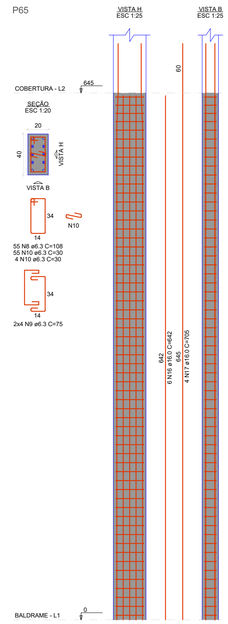
P62



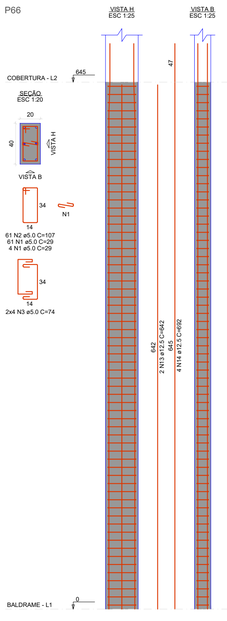
P63=P64



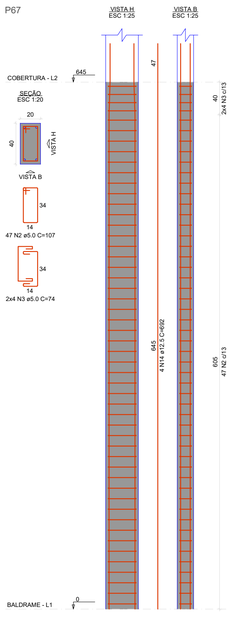
P65



P66



P67



PREFEITURA MUNICIPAL DE ENGENHEIRO COELHO
SECRETARIA MUNICIPAL DE PLANEJAMENTO, OBRAS E MEIO AMBIENTE
Administração 2021-2024

Projeto de Estruturas

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Projeto/Desenho	Escala	Tamanho	Data	Nº Folha
Ricardo Chinaglia	Indicada	A1	30/10/2023	06/14