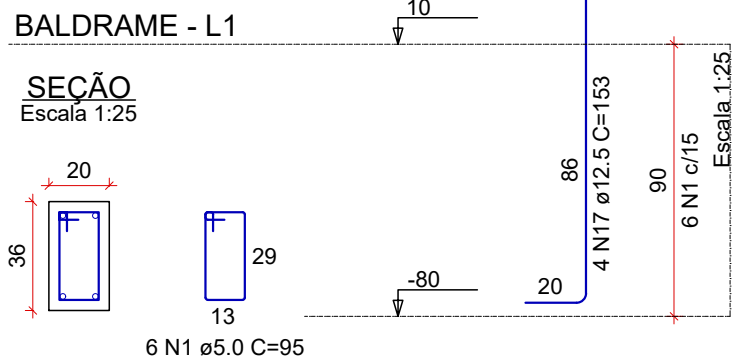
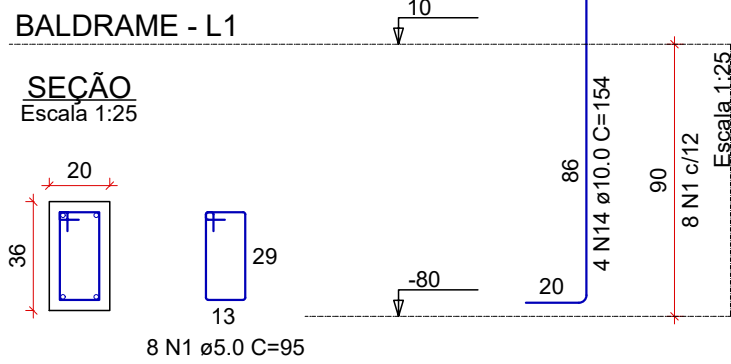
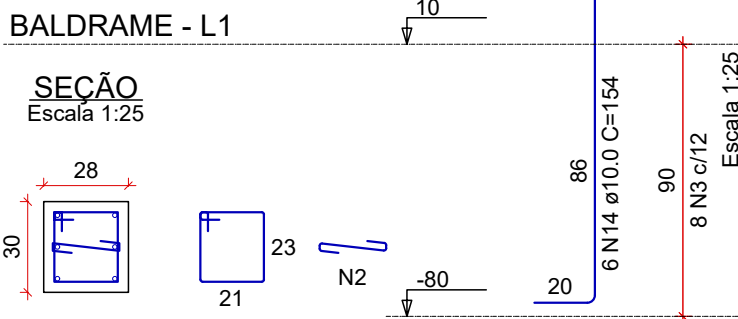


P2=P3=P4=P6=P7=P9=P10=
=P11=P13=P14=P15=P17=P18=
=P19=P26=P27=P28=P29=P30=
=P31=P32=P33=P34=P35=P36=
=P39=P44=P45=P48=P50=P63=
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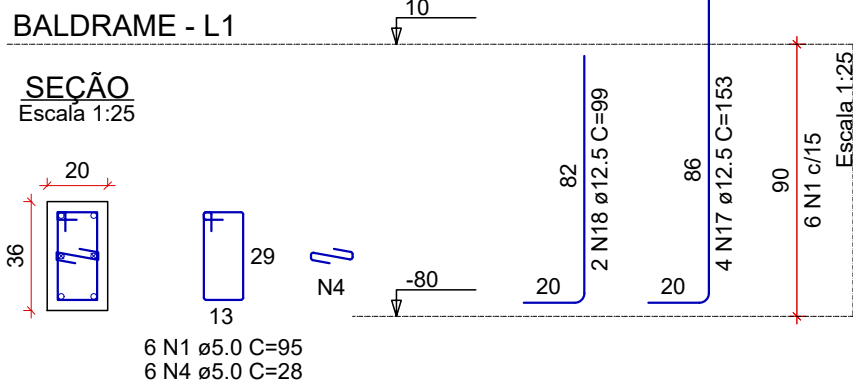
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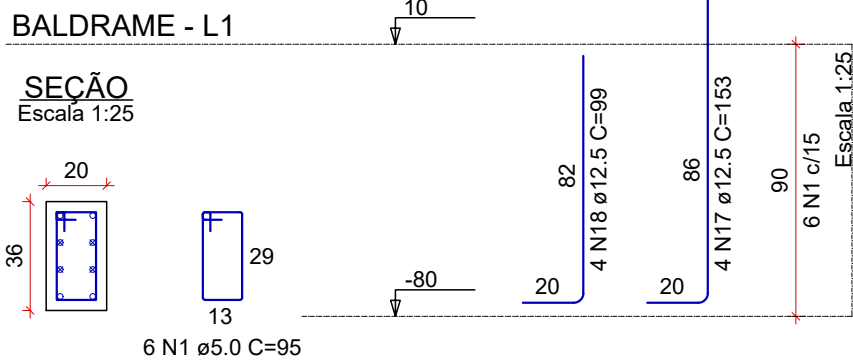
P20=P21



P22=P46



P23



RELAÇÃO DO AÇO

2xP1	32xP2	2xP20
2xP22	P23	P24
2xP37	P40	3xP41
P47	P49	P51
8xP52	P60	2xP61
P65	2xP66	2xP74
4xPM1		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	354	95	33630
	2	5.0	16	36	576
	3	5.0	16	99	1584
	4	5.0	34	28	952
	5	5.0	24	28	672
	6	5.0	16	63	1008
	7	5.0	8	105	840
	8	5.0	24	34	816
	9	5.0	24	107	2568
	10	5.0	81	37	2987
	11	5.0	81	111	8991
	12	5.0	32	73	2336
	13	8.0	16	96	1536
	14	10.0	242	154	37268
	15	10.0	28	100	2800
	16	10.0	48	100	4800
	17	12.5	60	153	9180
	18	12.5	14	99	1386
	19	12.5	8	100	800

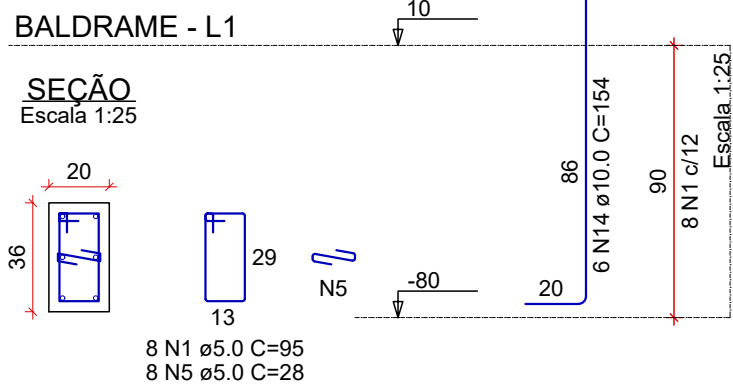
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	8.0	15.4	2	6.7
	10.0	448.7	42	304.3
CA60	12.5	113.7	11	120.4
	5.0	569.7	53	96.6

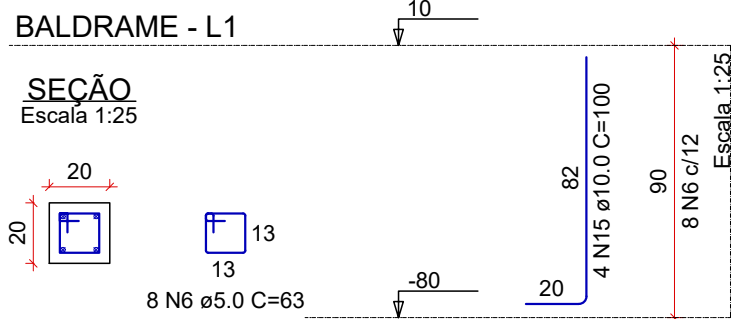
PESO TOTAL (kg)	
CA50	431.4
CA60	96.6

Volume de concreto (C-30) = 2.07 m³
Área de forma = 69.97 m²

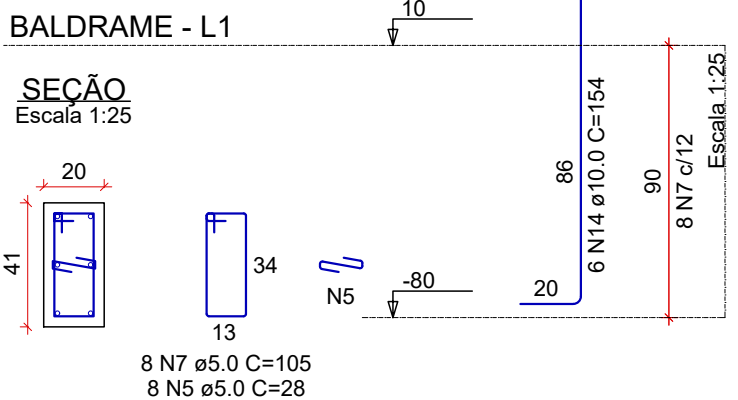
P24



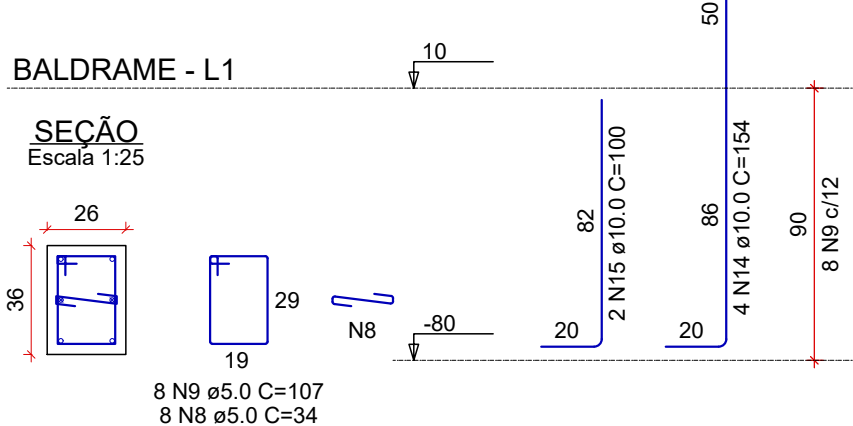
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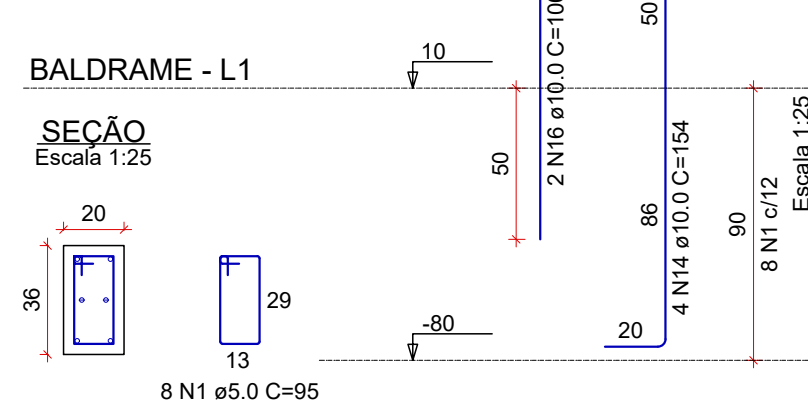
P40



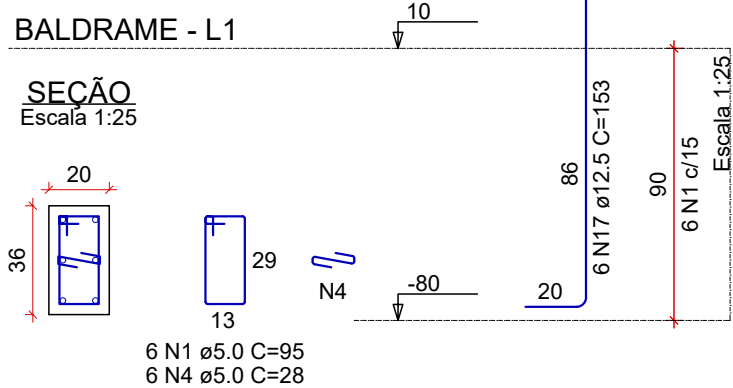
P41=P42=P43



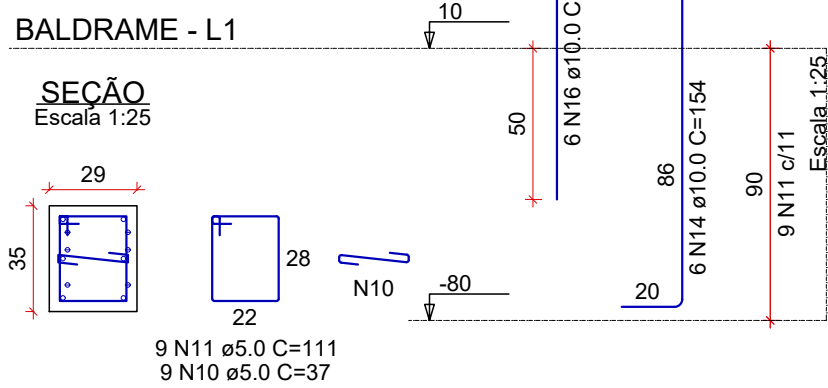
P47



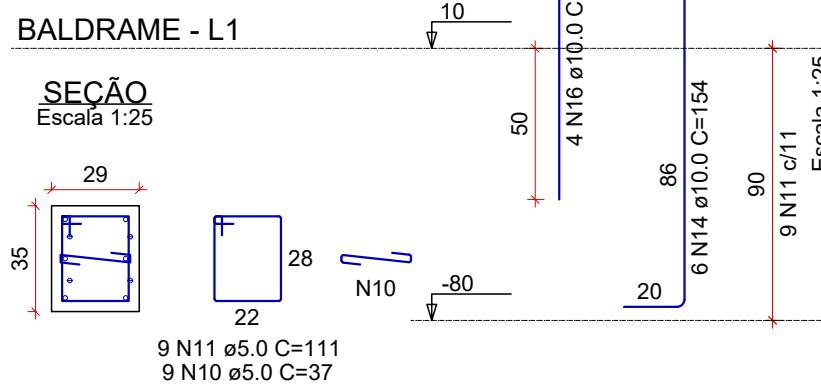
P49



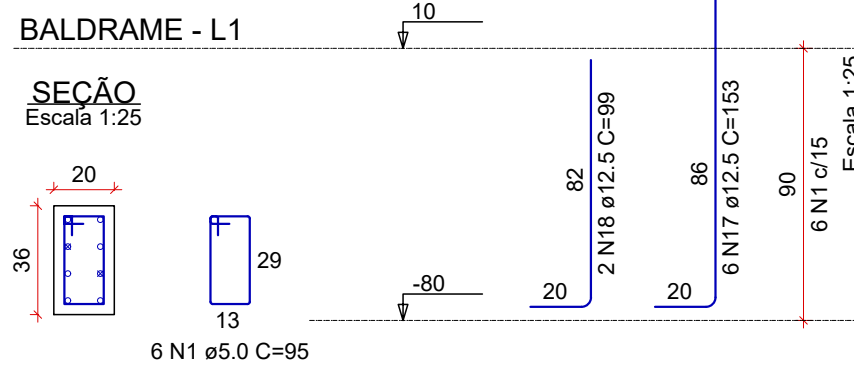
P51



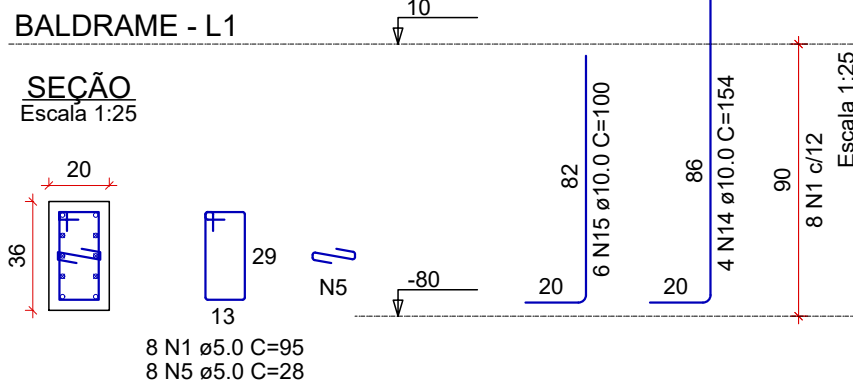
P52=P53=P54=P55=P56=P57=P58=
=P59



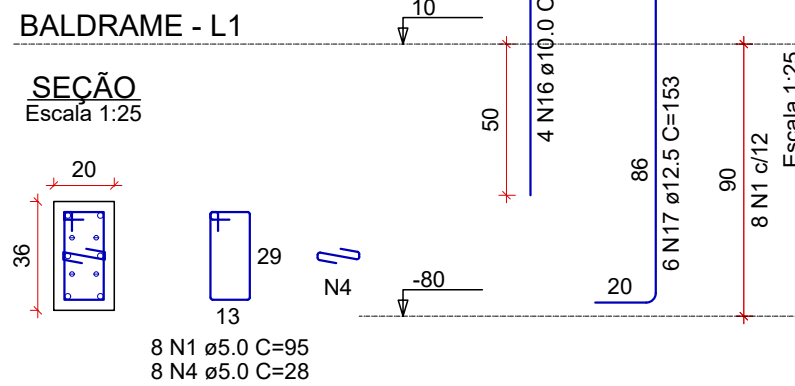
P60



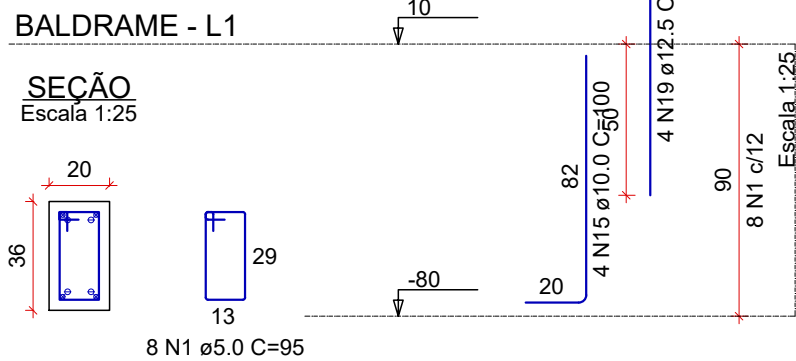
P65



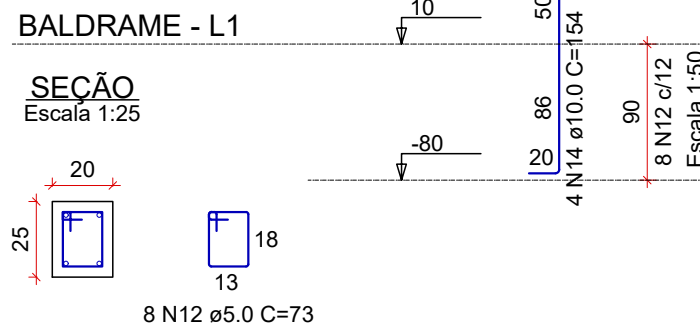
P66=P67



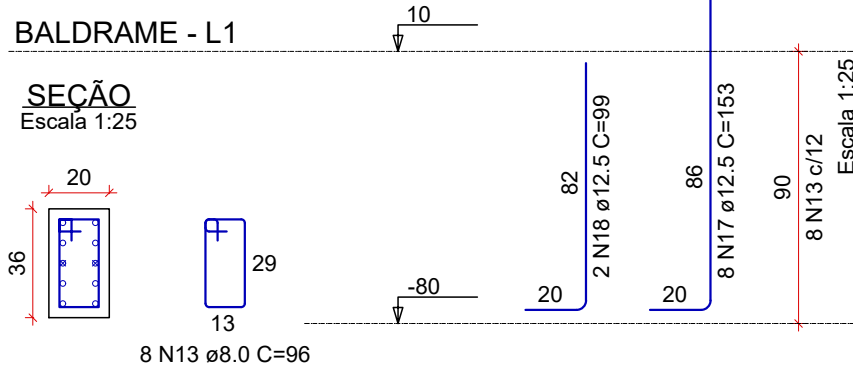
P74=P75



PM1=PM2=PM3=PM4



P61=P62



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PROJETO ENG. CIVIL WILLIAM BARADEL LARI
DESENHO DAVI VELOSO ALVES

EMPREENHIMENTO			
CONSTRUÇÃO DO TERMINAL RODOVIÁRIO DE SANTA RITA DO SAPUCAÍ			
ENDEREÇO		DISCIPLINA	
RUA PROJETADA, S/N - BAIRRO FAMÍLIA ANDRADE		ESTRUTURAL	
SANTA RITA DO SAPUCAÍ - MINAS GERAIS		FASE DO PROJETO	
ASSUNTO		EXECUTIVO	
PROJETO ESTRUTURAL EM CONCRETO ARMADO		FOLHA Nº:	
ARRANQUE DOS PILARES		05/16	
DATA INICIAL	ESCALA	REVISÃO	ARQUIVO
10/08/2022	INDICADA	R00	DAC-PMSRS-TRO-PE-EST-R00.DWG