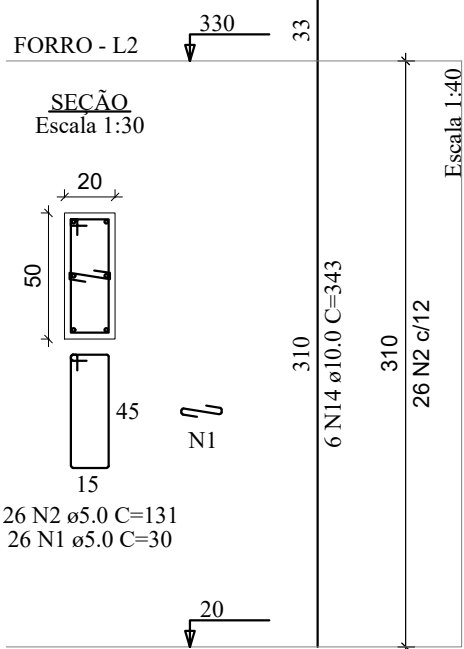


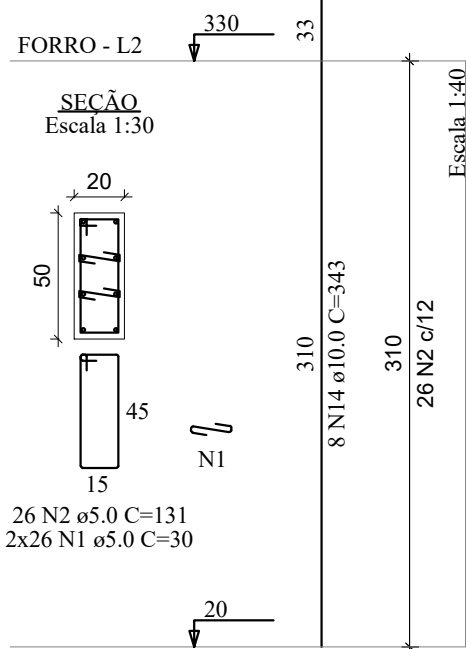
PROJETO ESTRUTURAL

Escala Indicada

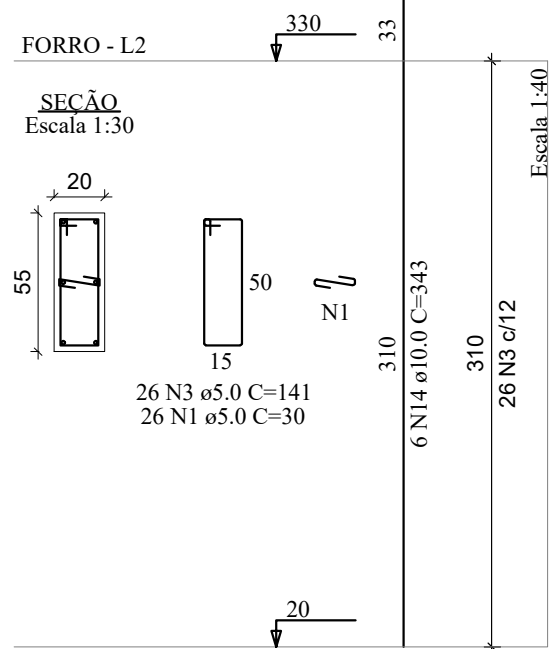
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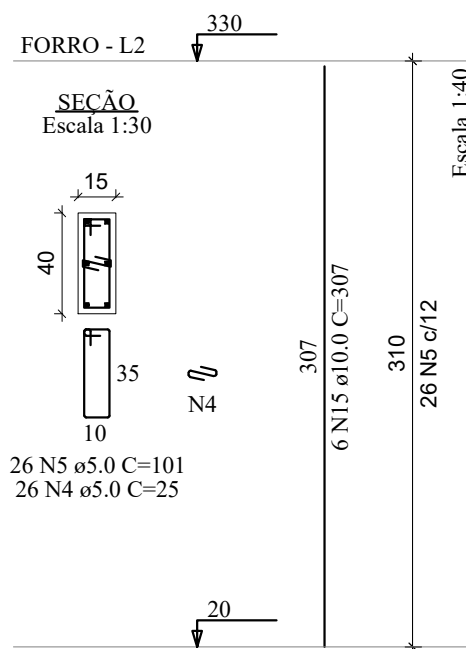
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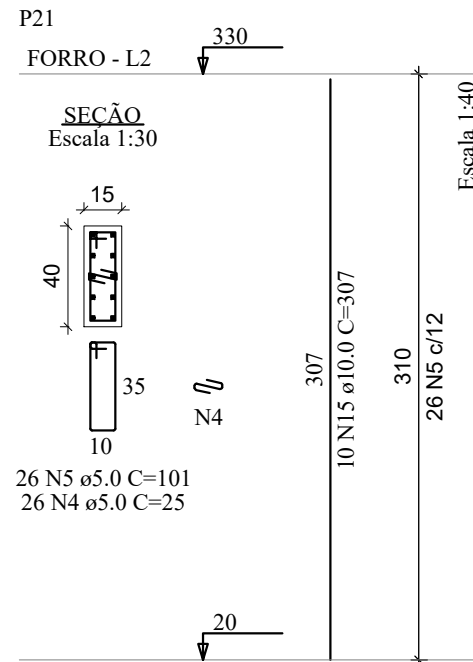
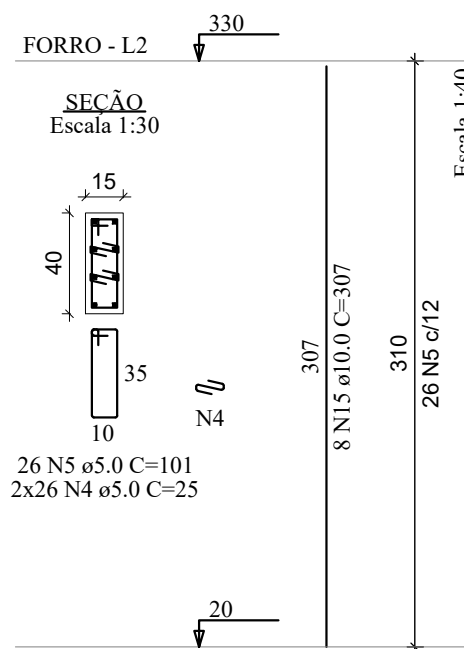
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=P30=P31=P36=P41=P42=P43=P44=P66=P67=
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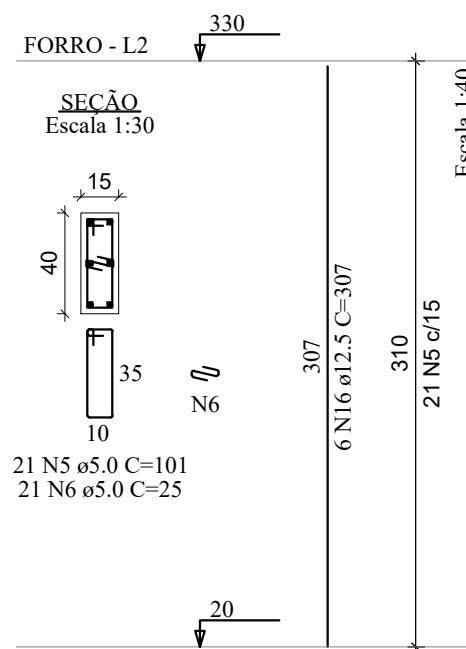
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=P90=P101



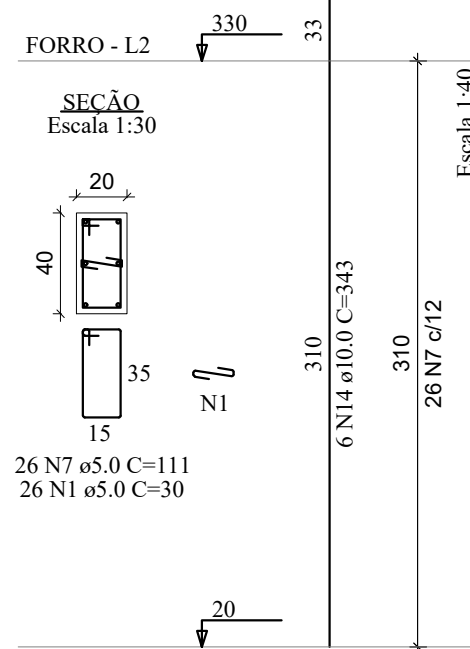
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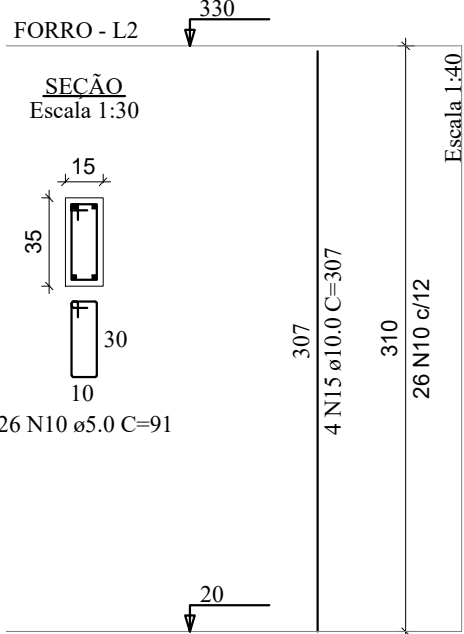
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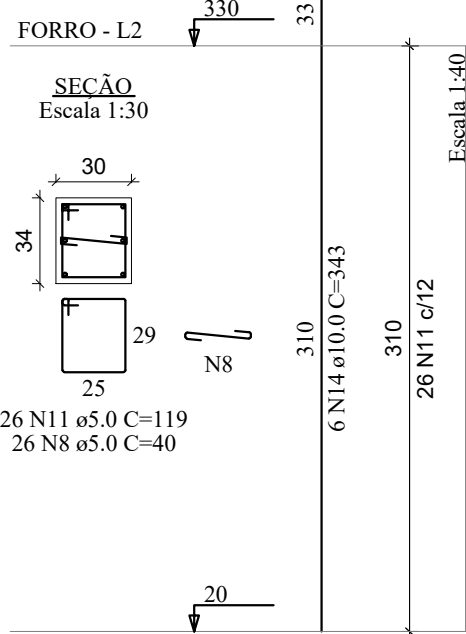
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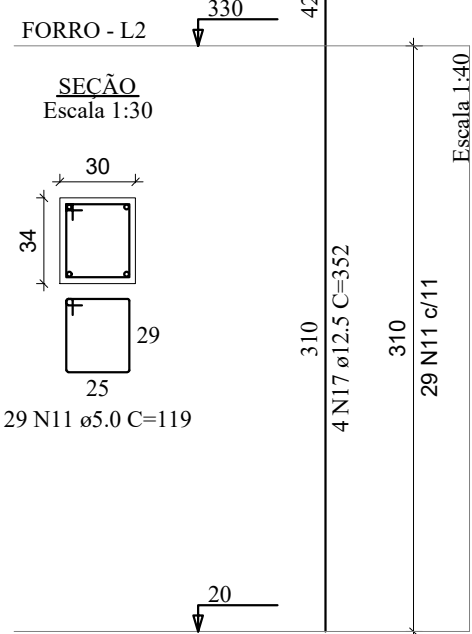
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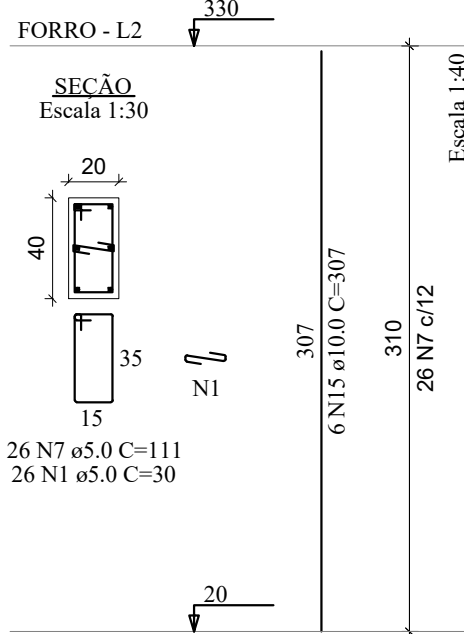
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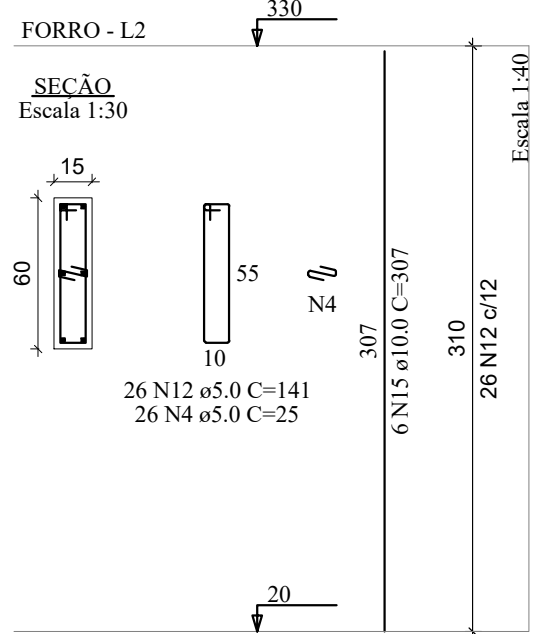
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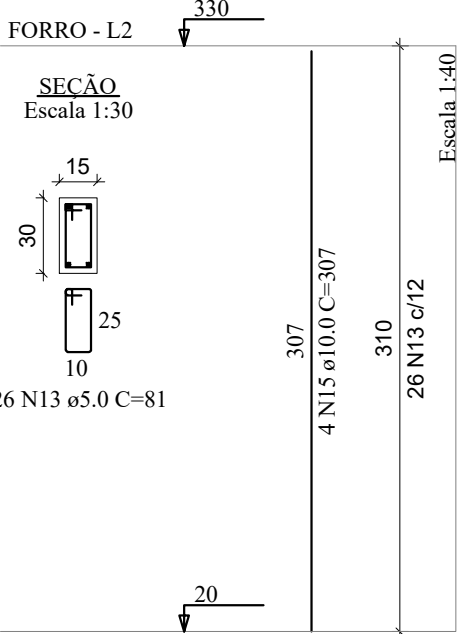
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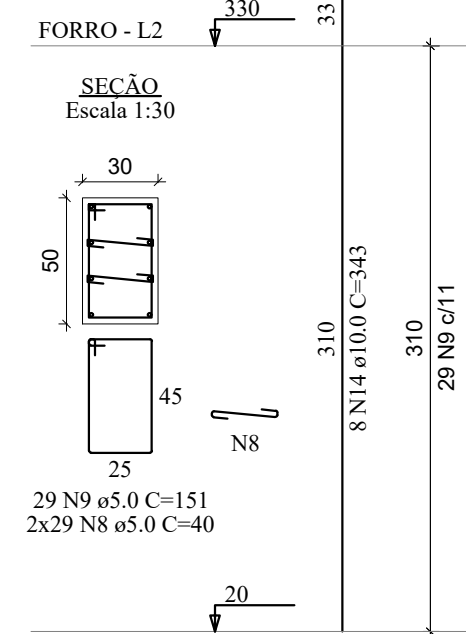
P83



P100=P102



P52



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1612	30	48360
	2	5.0	442	131	57902
	3	5.0	832	141	117312
	4	5.0	1508	25	37700
	5	5.0	1228	101	124028
	6	5.0	34	25	2100
	7	5.0	234	111	25974
	8	5.0	84	40	3360
	9	5.0	29	151	4379
	10	5.0	52	91	4732
	11	5.0	55	119	6545
	12	5.0	26	141	3666
	13	5.0	52	81	4212
CA50	14	10.0	358	343	122794
	15	10.0	328	307	100696
	16	12.5	24	307	7368
	17	12.5	4	352	1408

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	10.0	2234.9	205	1515.7
CA60	12.5	87.8	9	93
	5.0	4402.7	404	746.5

PESO TOTAL (kg)

CA50 1608.7
CA60 746.5

Volume de concreto (C-30) = 29.32 m³
Área de forma = 449.07 m²

RELAÇÃO DO AÇO

13xP1
16xP13
4xP48
P58

4xP2
4xP41
P52

12xP9
3xP45
P54

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	667	30	20010
	2	5.0	170	131	22270
	3	5.0	372	141	52452
	4	5.0	85	111	9435
	5	5.0	46	40	1840
	6	5.0	15	151	2265
	7	5.0	32	119	3808
	8	10.0	206	117	24102
	9	10.0	96	137	13152
	10	10.0	56	172	9632
	11	12.5	4	172	688

RESUMO DO AÇO

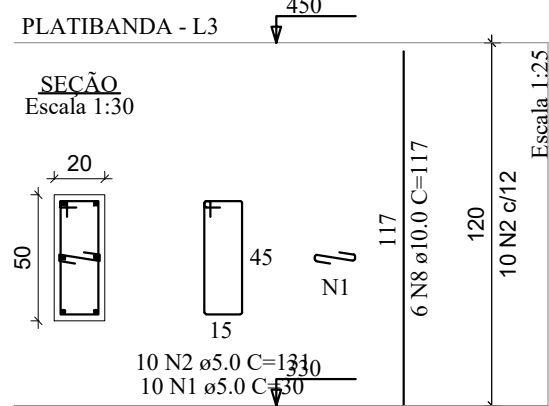
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)
CA50	10.0	468.9	43	318
CA60	12.5	6.9	1	7.3
	5.0	1120.8	103	190

PESO TOTAL (kg)

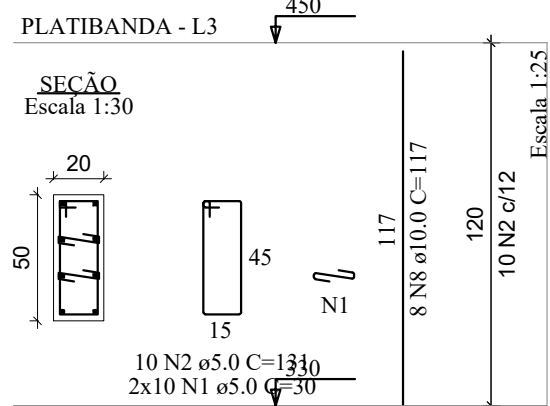
CA50 325.3
CA60 190

Volume de concreto (C-30) = 8.28 m³
Área de forma = 113.60 m²

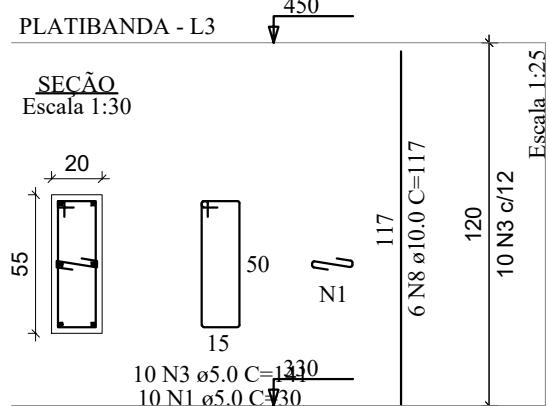
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=P111=P112



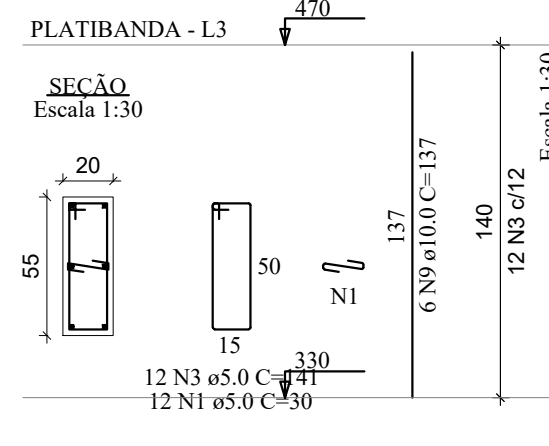
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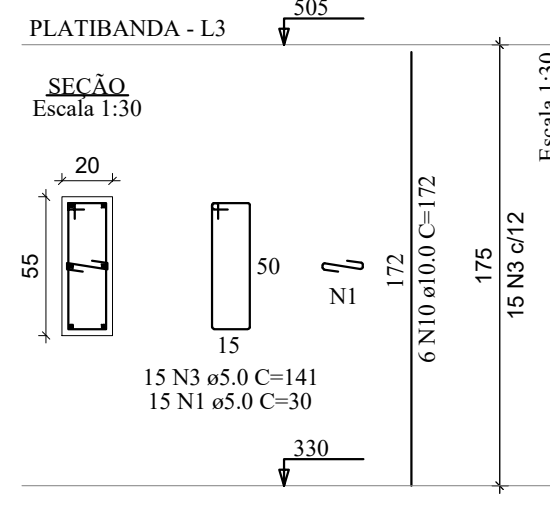
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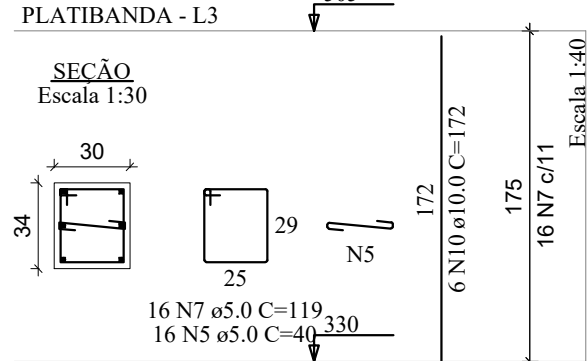
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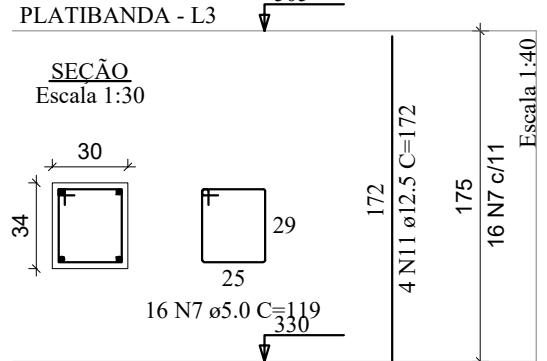
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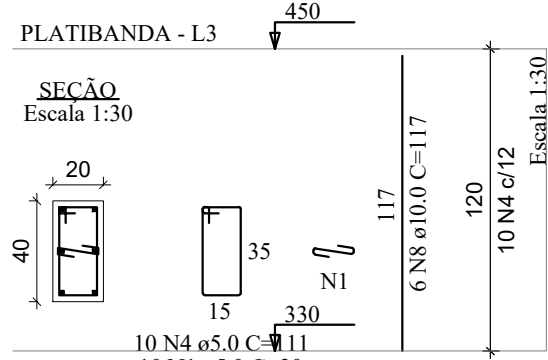
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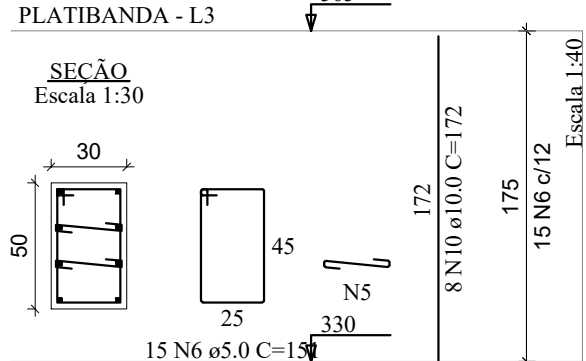
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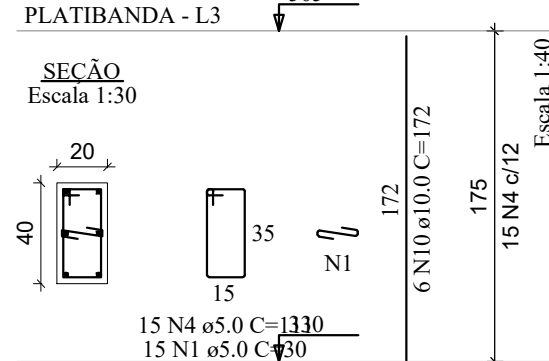
P48=P55=P62=P63



P52



P45=P59=P69



PROJETO	GERÊNCIA DE PROJETOS DENIS DE SOUZA SILVA CREA: MG-127.216/D
	COORDENAÇÃO DE PROJETOS ALOISIO CAETANO FERREIRA CREA: MG-97.132/D
	RESPONSÁVEL TÉCNICO ENGº. CIVIL FLÁVIA C. BARBOSA CREA: MG-187.842/D
	PROJETO ENGº. CIVIL WILLIAM BARADEL LARI
	DESENHO WILLIAM BARADEL LARI

EMPREENDIMENTO IMPLANTAÇÃO DA CRECHE DR. LUIZ RENNÓ MENDES	DISCIPLINA ESTRUTURAL
ENDEREÇO RUA 06, ÁREA INSTITUCIONAL 1, C. H. DR. LUIZ R. MENDES SANTA RITA DO SAPUCAÍ – MINAS GERAIS	FASE DO PROJETO EXECUTIVO
ASSUNTO PROJETO DE ESTRUTURAS EM CONCRETO ARMADO DETALHAMENTO DAS ARMAÇÕES – PILARES FORMA, CORTE E QUANTITATIVOS	FOLHA Nº. 06
DATA INICIAL 14/10/2020	ESCALA INDICADA
REVISÃO R00	ARQUIVO DAC-SRS-CRE-PE-EST-R00.DWG