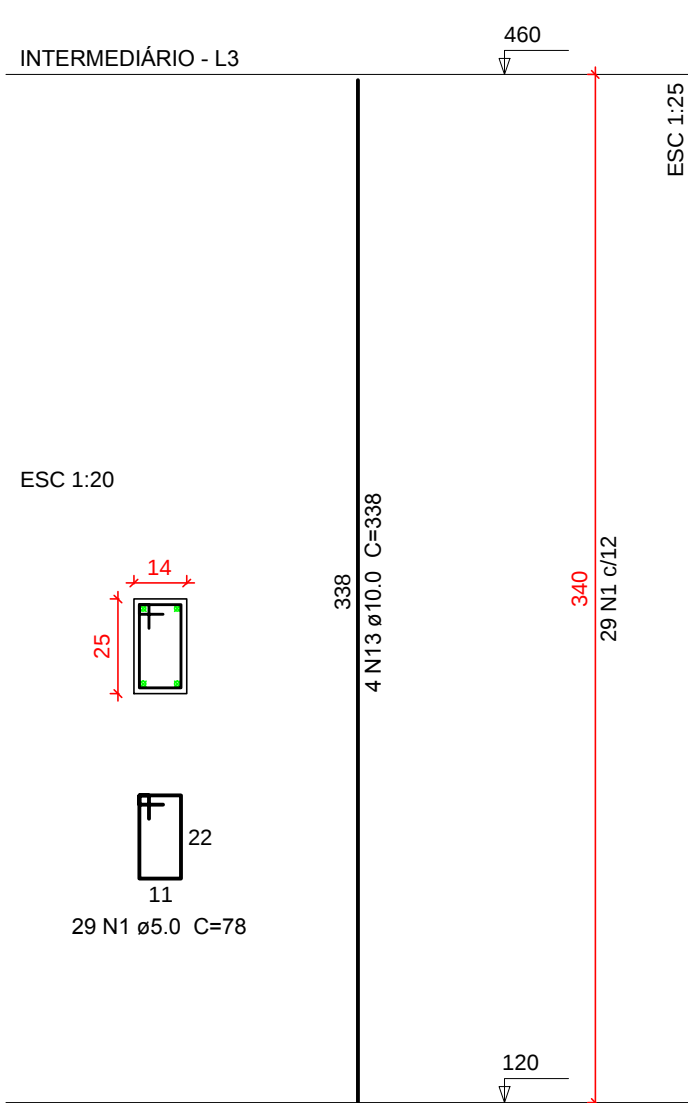
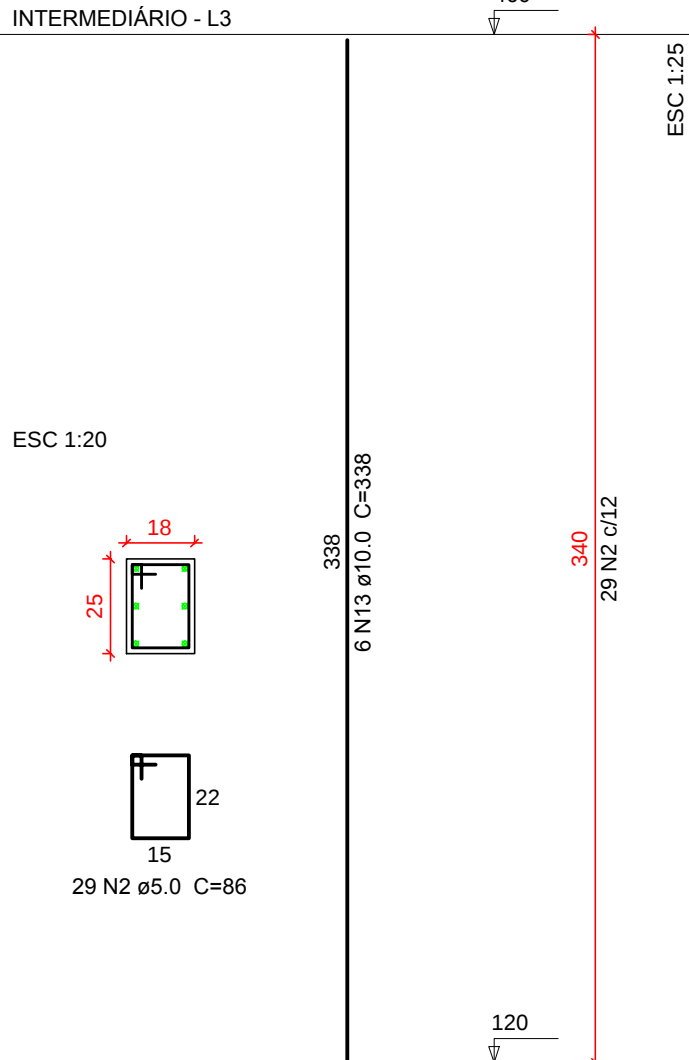


PILARES 01

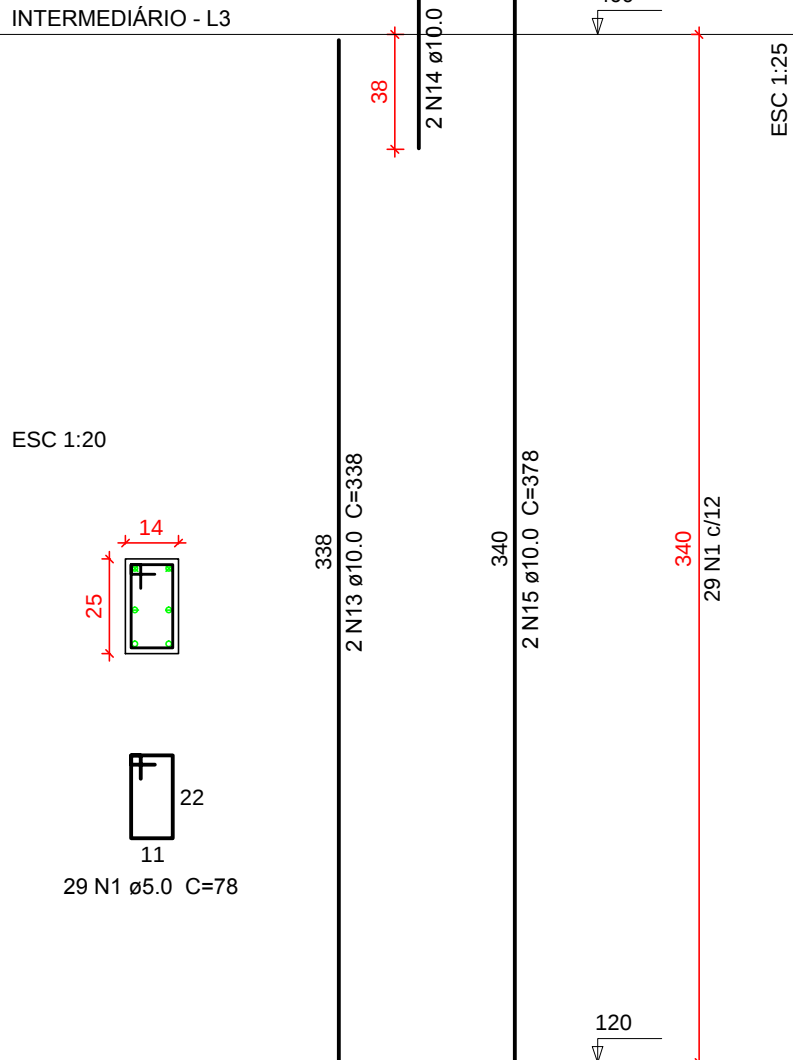
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=P39=P41=P43=P44=P45=P48



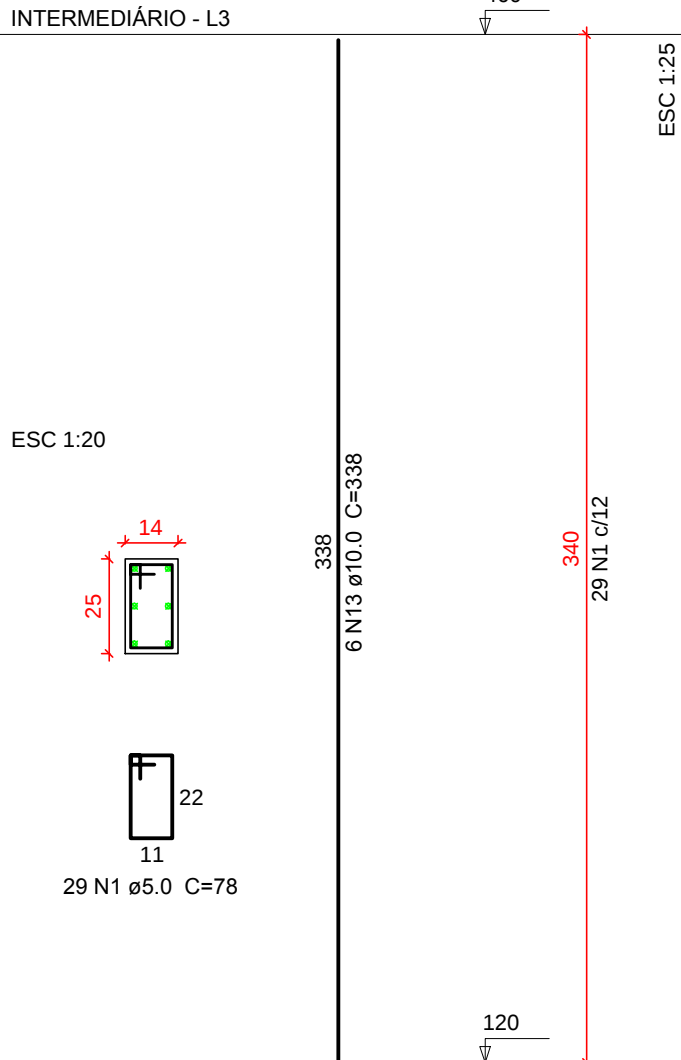
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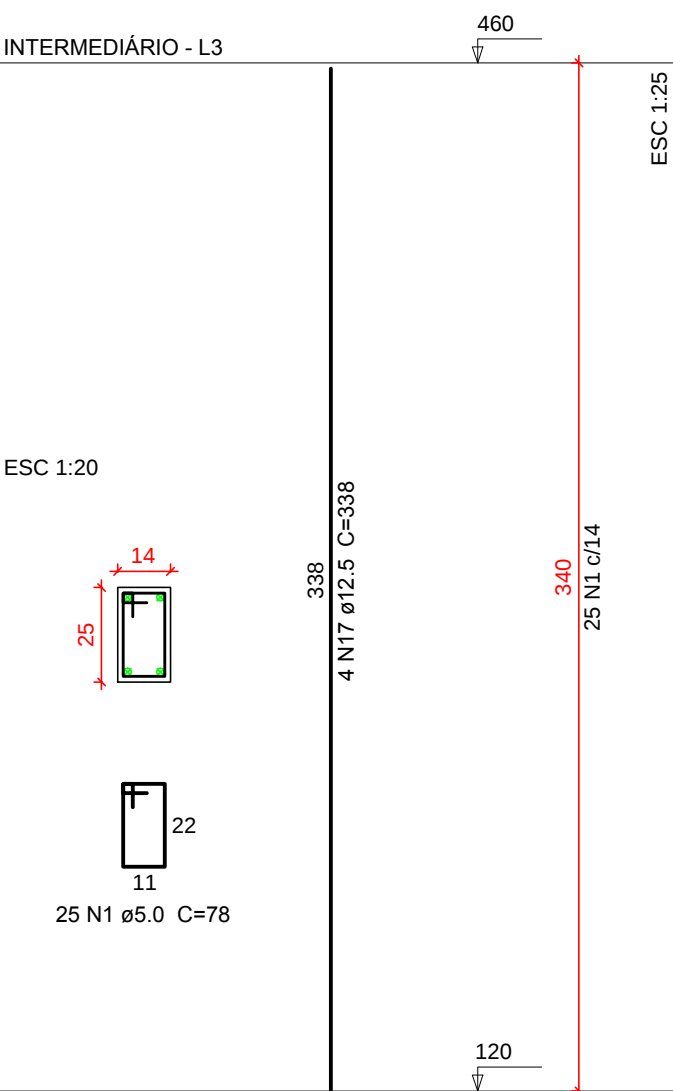
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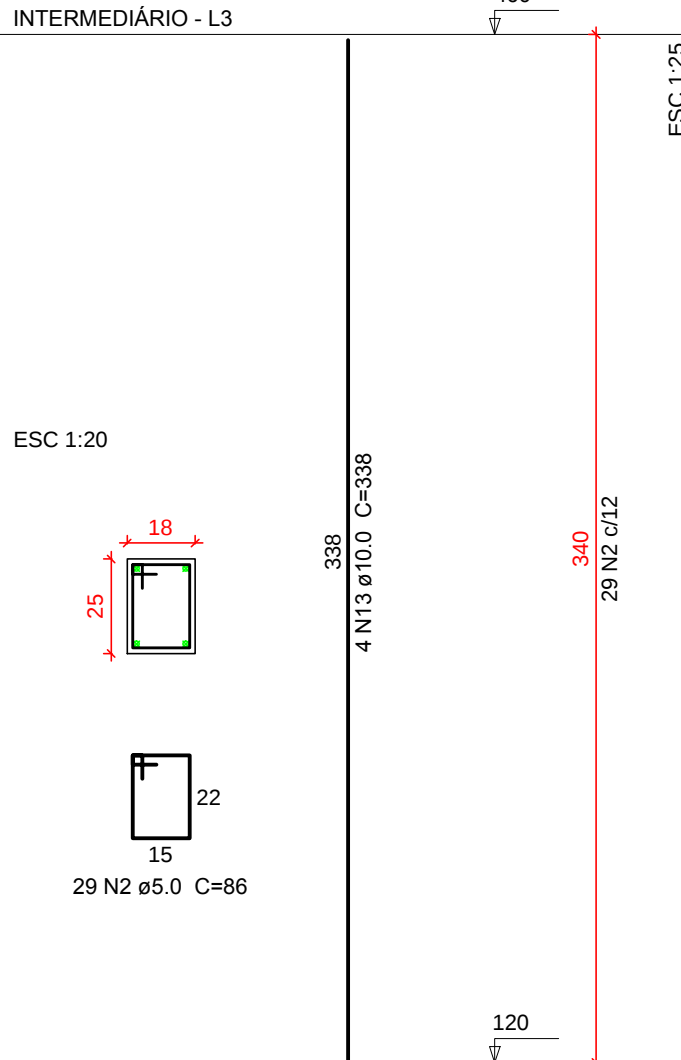
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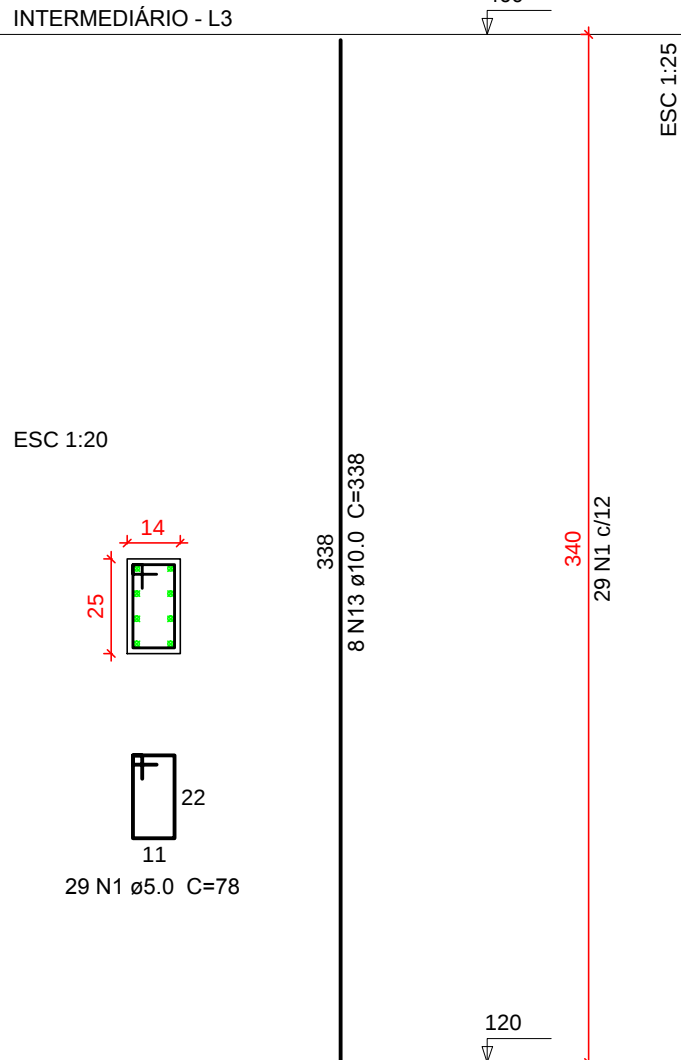
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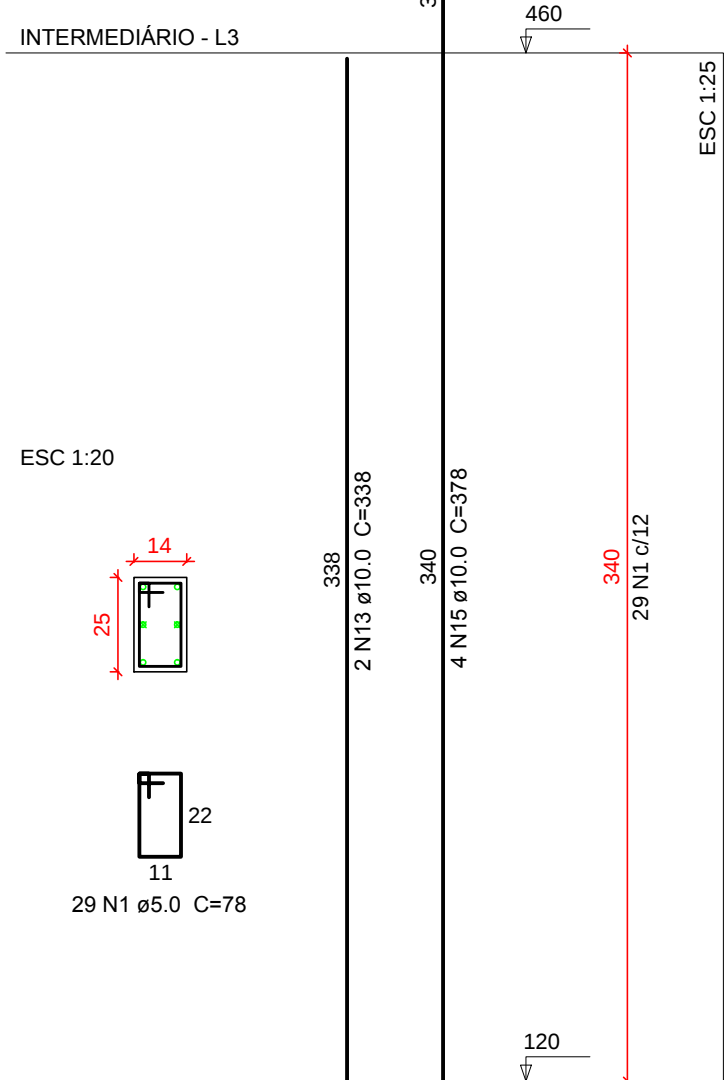
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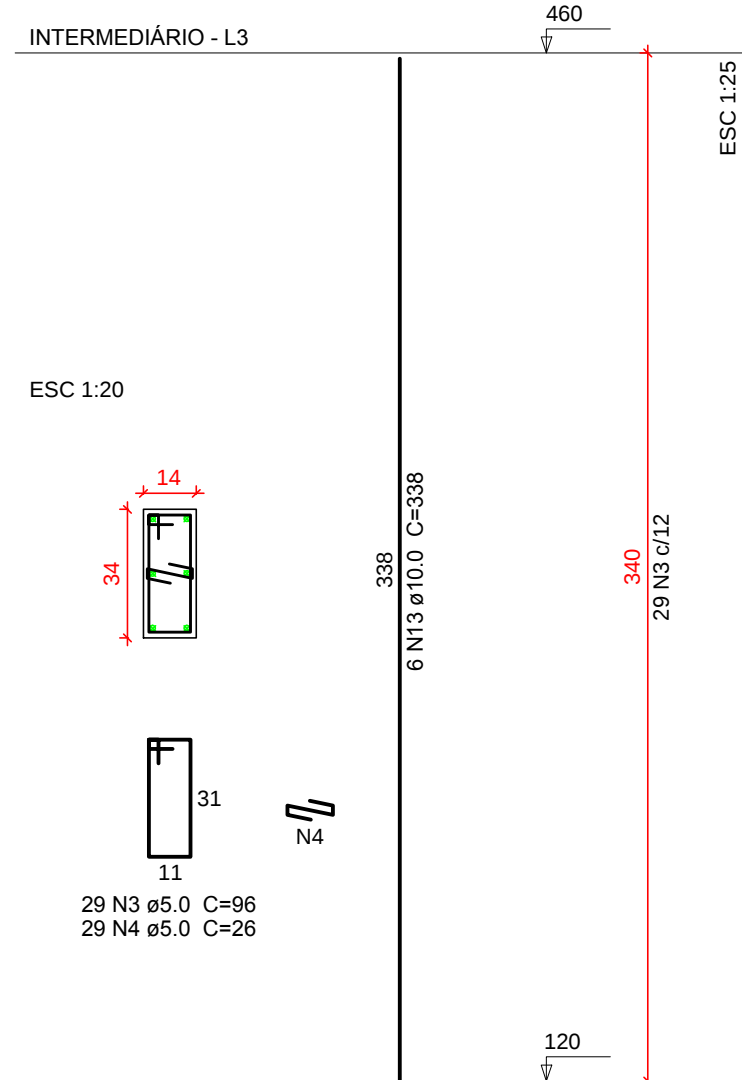
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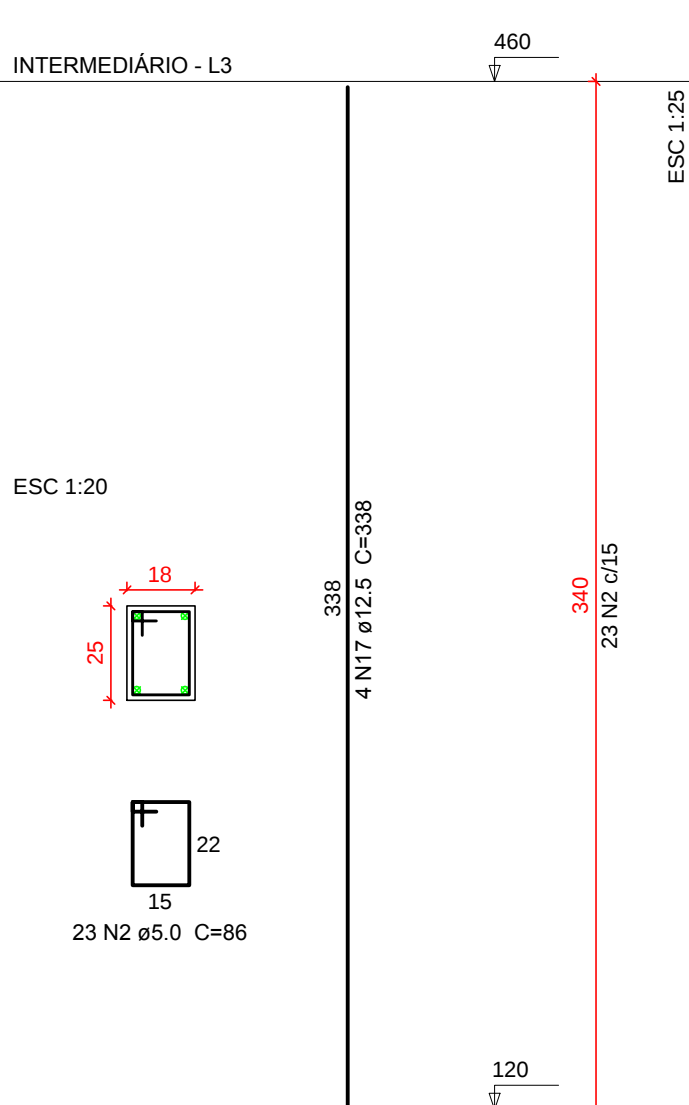
P25



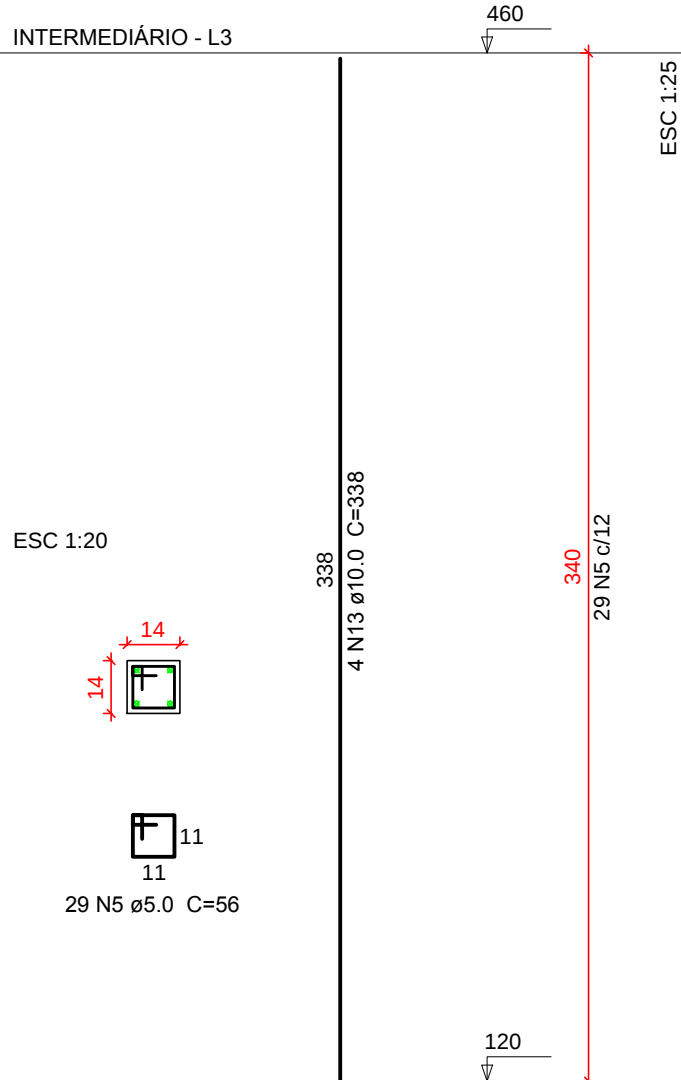
P30



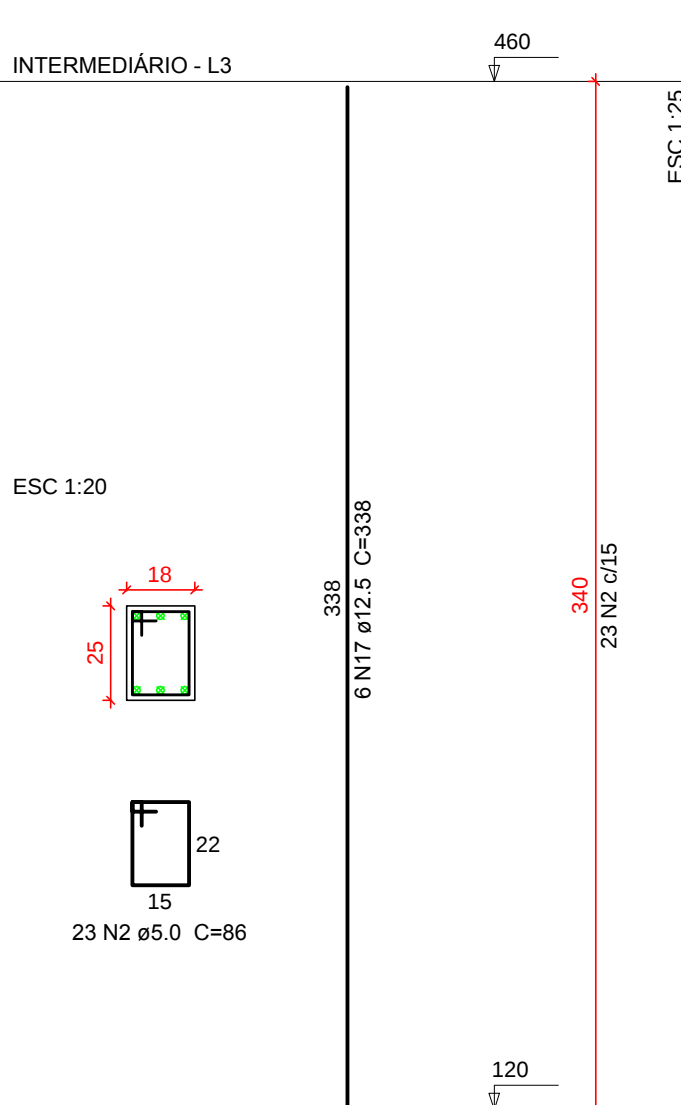
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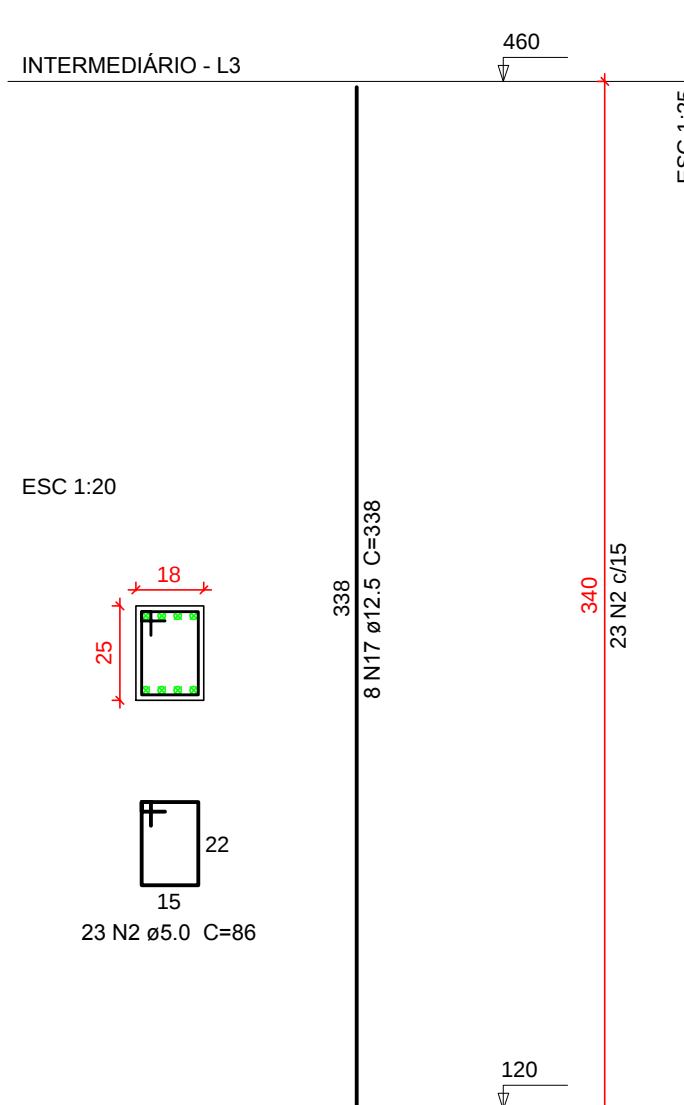
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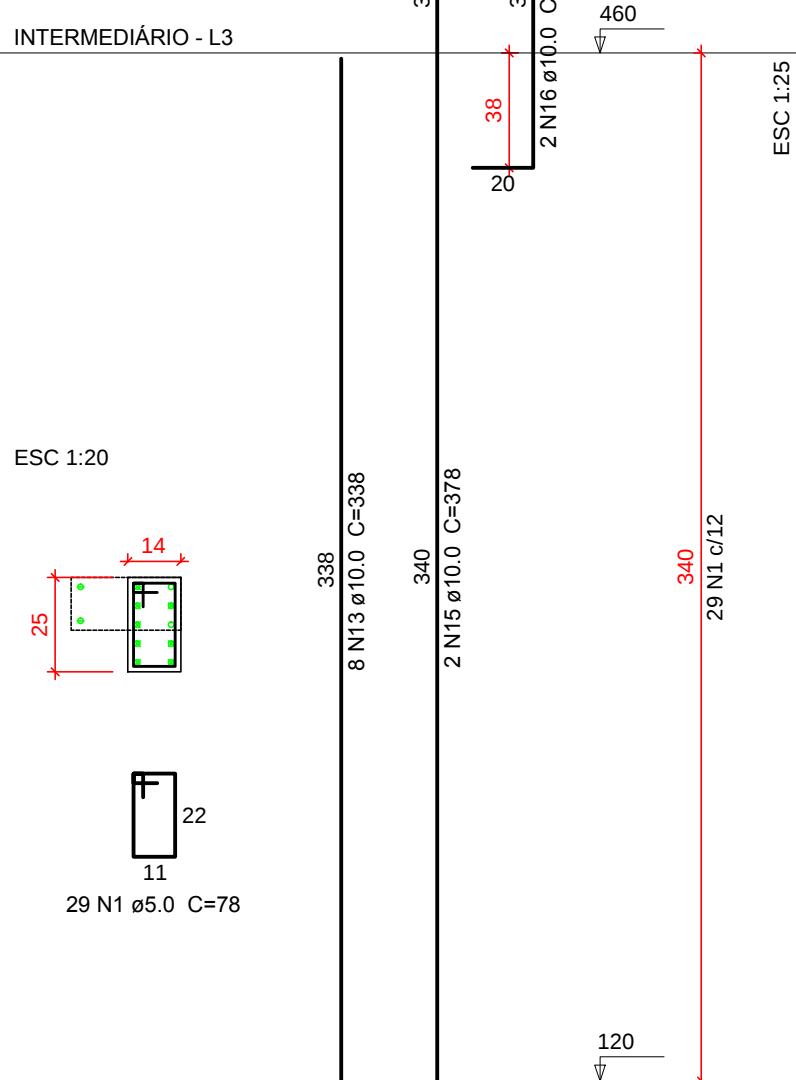
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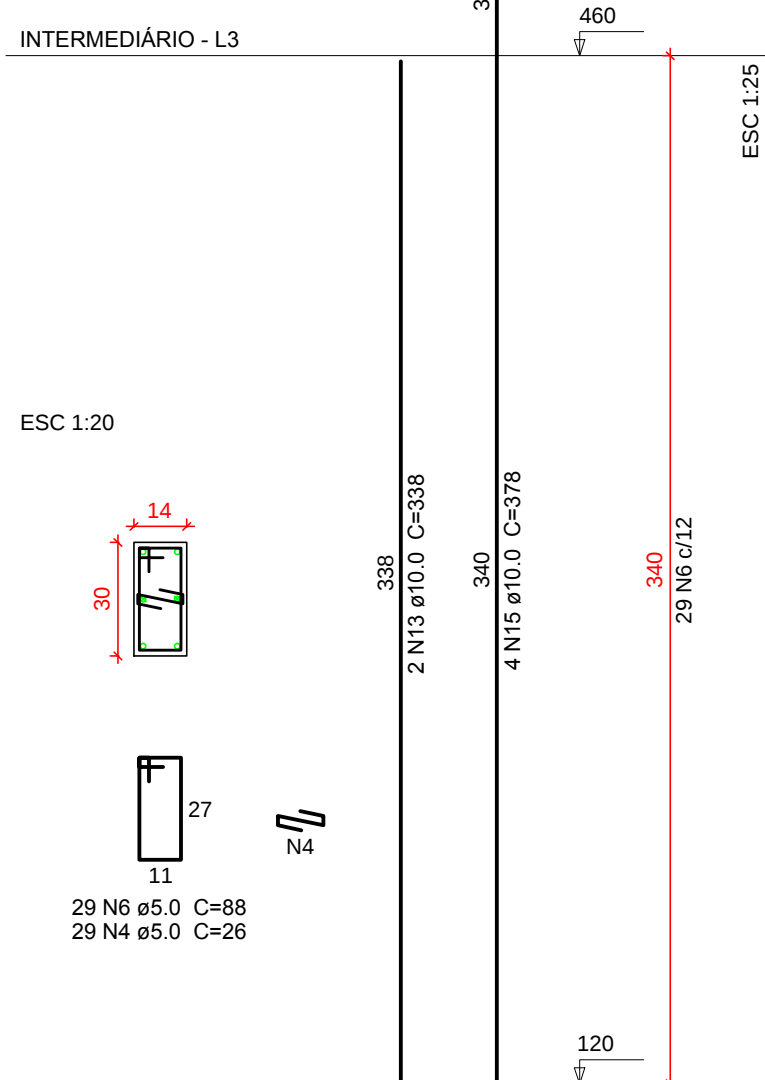
P36



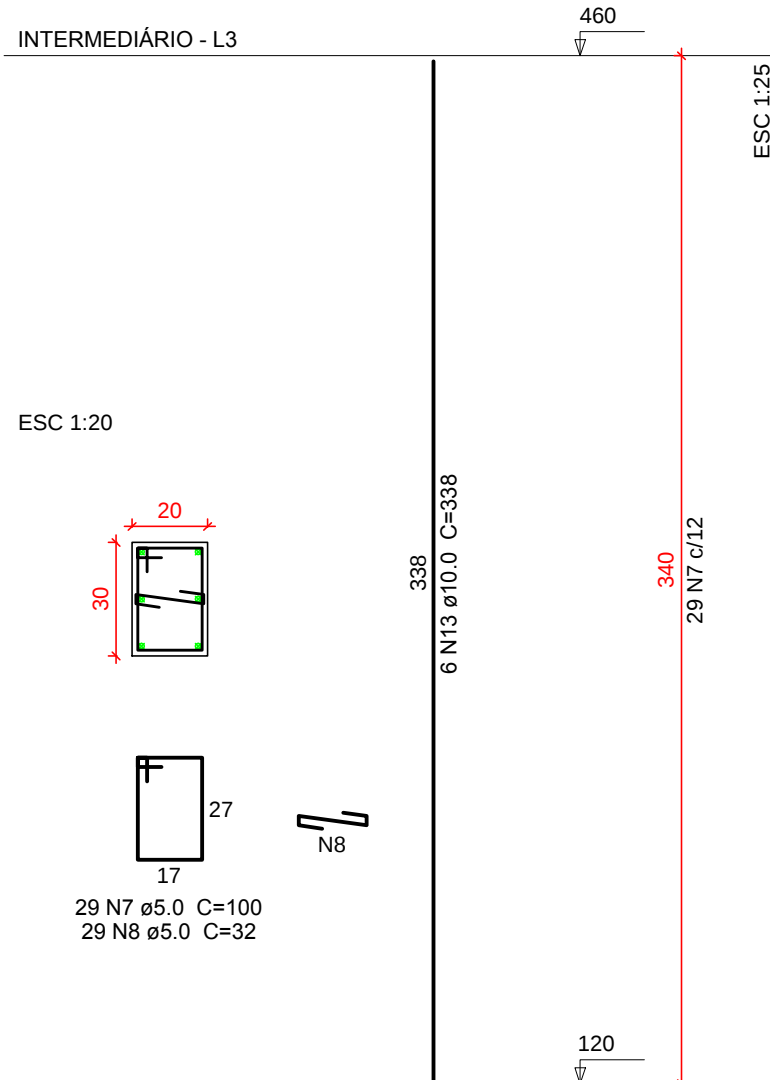
P37



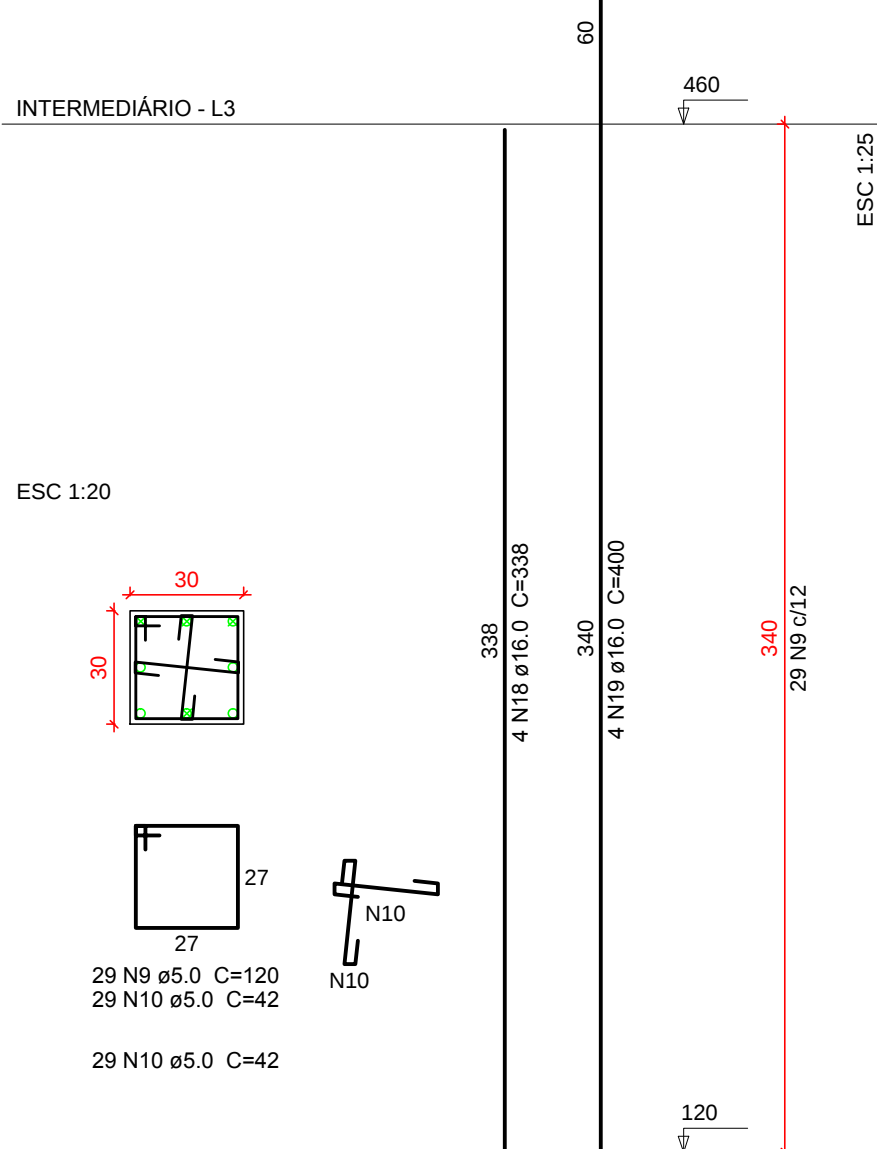
P49



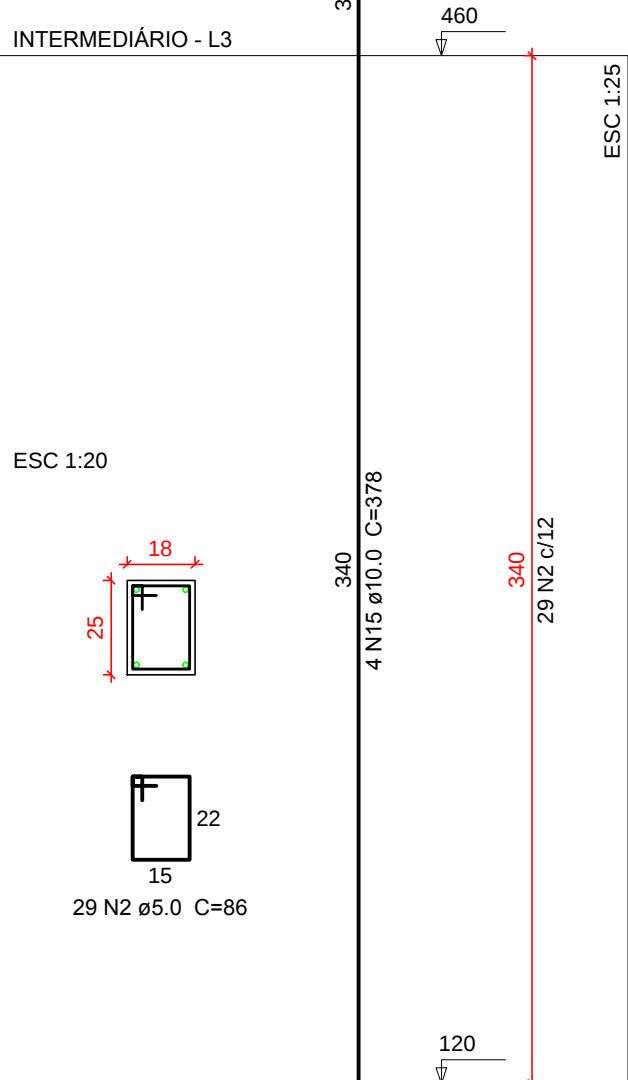
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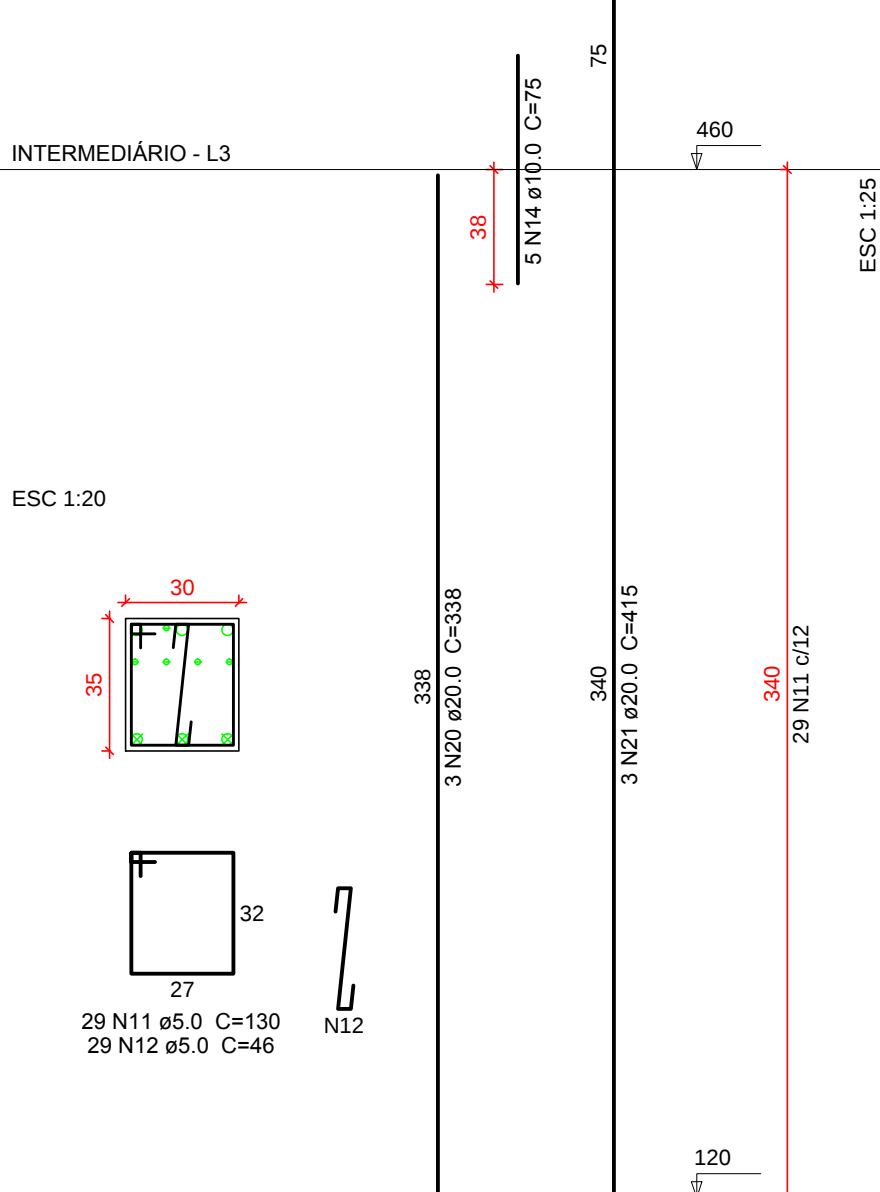
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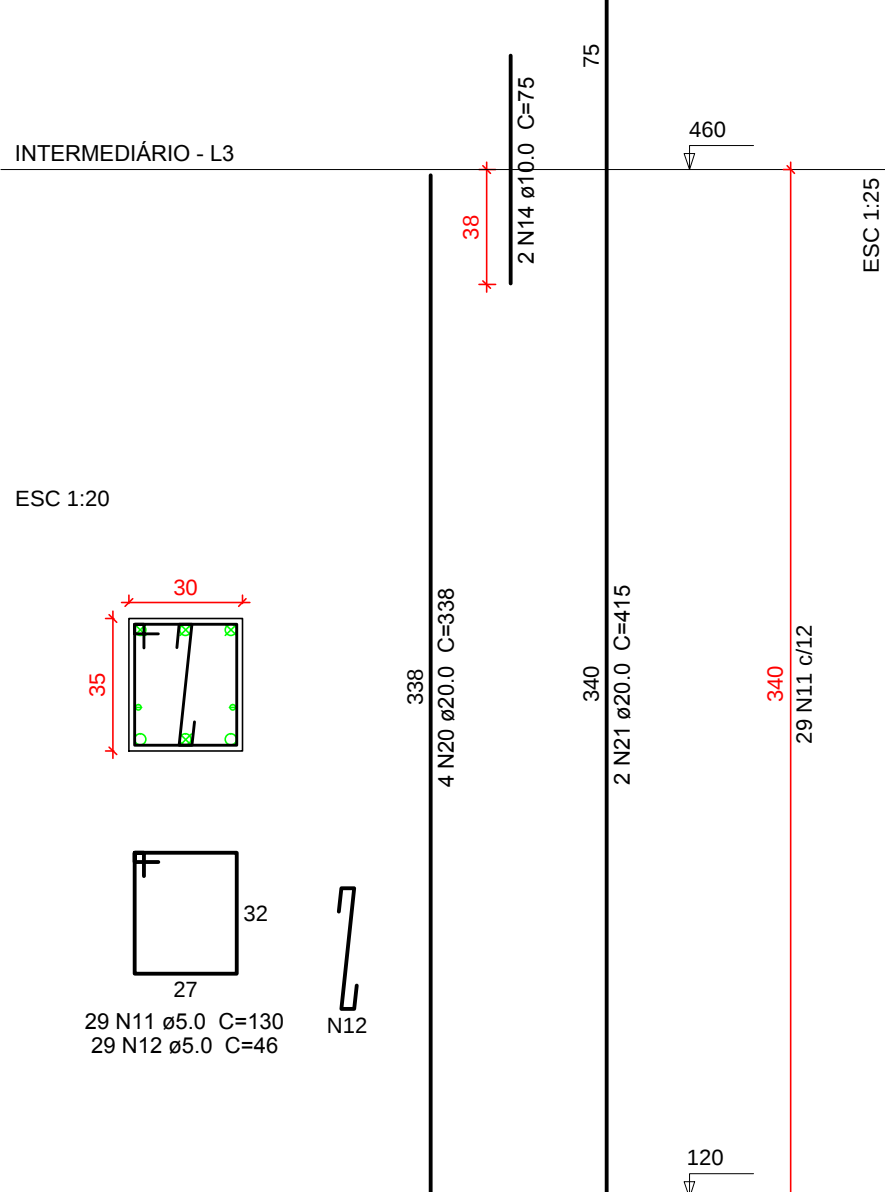
P53=P57



P55



P56



Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	692	78	53976
	2	5.0	295	86	25370
	3	5.0	29	96	2784
	4	5.0	58	26	1508
	5	5.0	58	56	3248
	6	5.0	29	86	2532
	7	5.0	29	100	2900
	8	5.0	29	32	928
	9	5.0	29	120	3480
	10	5.0	58	42	2436
	11	5.0	58	130	7540
	12	5.0	58	46	2688
	13	10.0	152	338	51376
	14	10.0	9	75	675
	15	10.0	20	378	7560
	16	10.0	2	84	168
	17	12.5	20	338	6760
	18	16.0	4	338	1352
	19	16.0	4	400	1600
	20	20.0	7	338	2366
	21	20.0	5	415	2075
CA50	1	5.0	692	78	53976
	2	5.0	295	86	25370
	3	5.0	29	96	2784
	4	5.0	58	26	1508
	5	5.0	58	56	3248

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	598	405.6
	12.5	87.9	93.1
	16.0	29.6	51.3
	20.0	44.5	120.5
	5.0	1093.9	185.5
PESO TOTAL (kg)			
CA50	670.4		
CA60	185.5		

Volume de concreto (C-25) = 6.2 m³
Área de forma = 122.2 m²

APROVAÇÃO:

ESTATÍSTICAS:

VER PROJETO ARQUITETÔNICO

PROJETO ESTRUTURAL

REFERÊNCIA:
ARMAÇÃO DOS PILARES

FOLHA Nº: 12/13
OBRA: HOSPITAL BENEFICIENTE MOACIR MICHELETTTO
LOCAL: RUA CURITIBA, LOTE 8, QUADRA C. JD. AMÉRICA - ASSIS CHATEAUBRIAND/PR

ESCALA: INDICADA
DATA: DEZEMBRO 2014
DESENHO: REVISÃO:

PROJETO:

EXECUÇÃO: