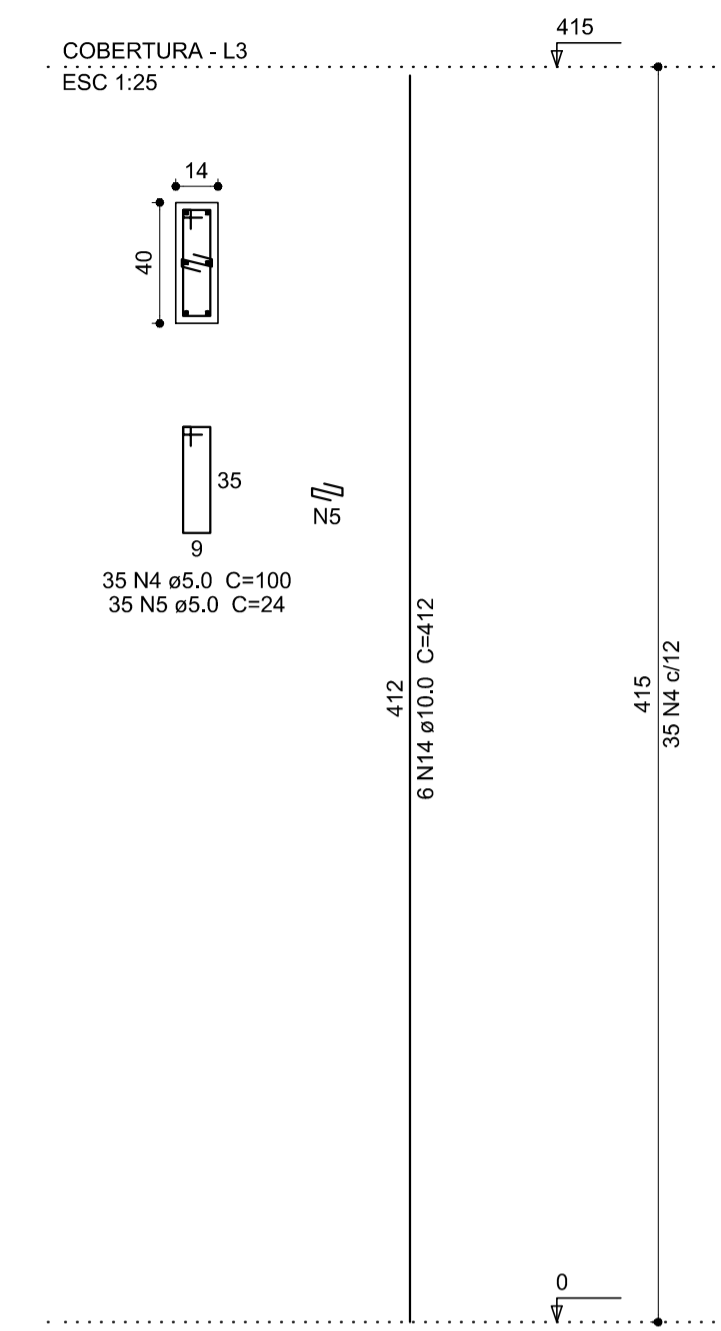
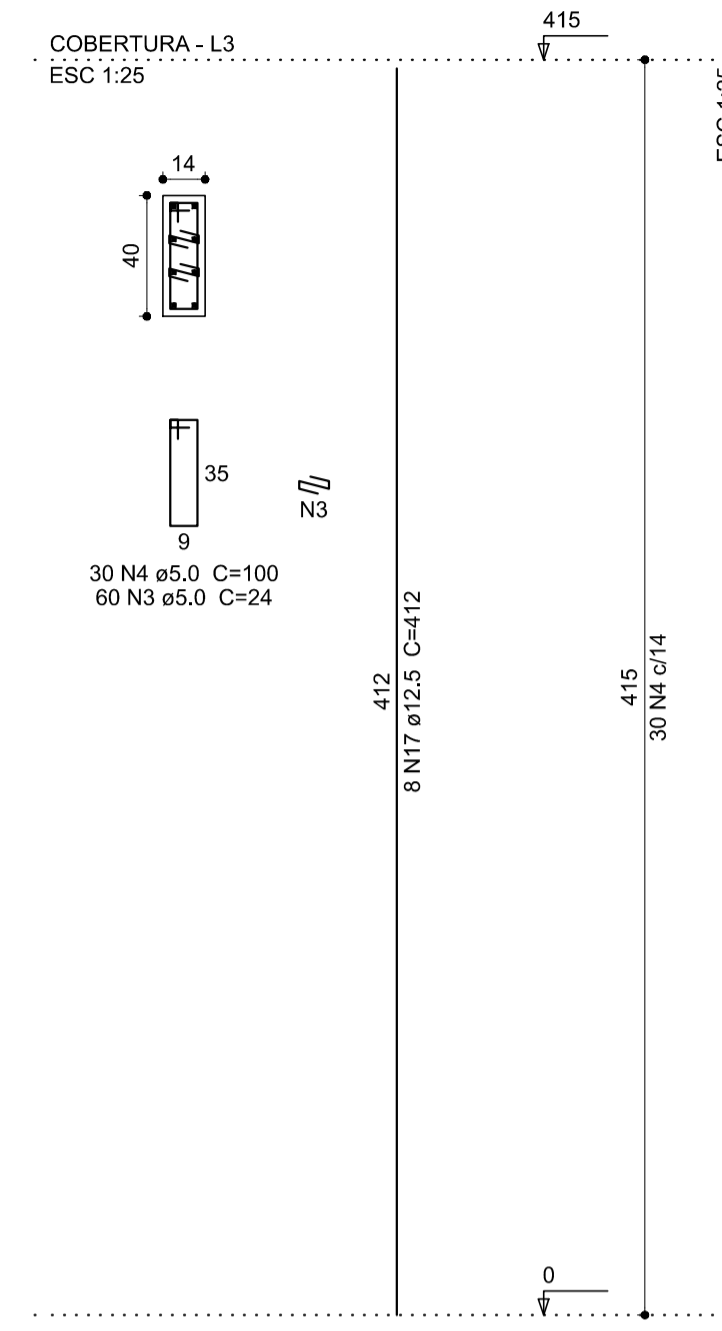


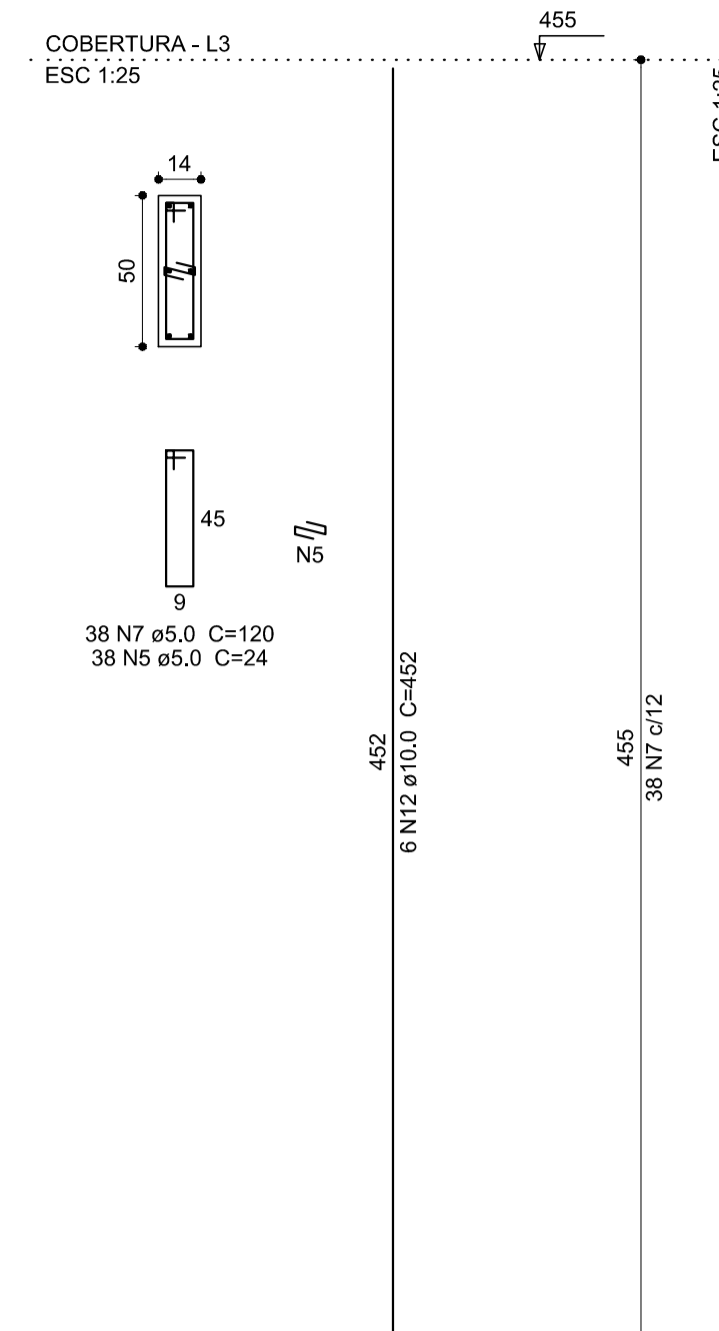
P.10=P.61=P.62



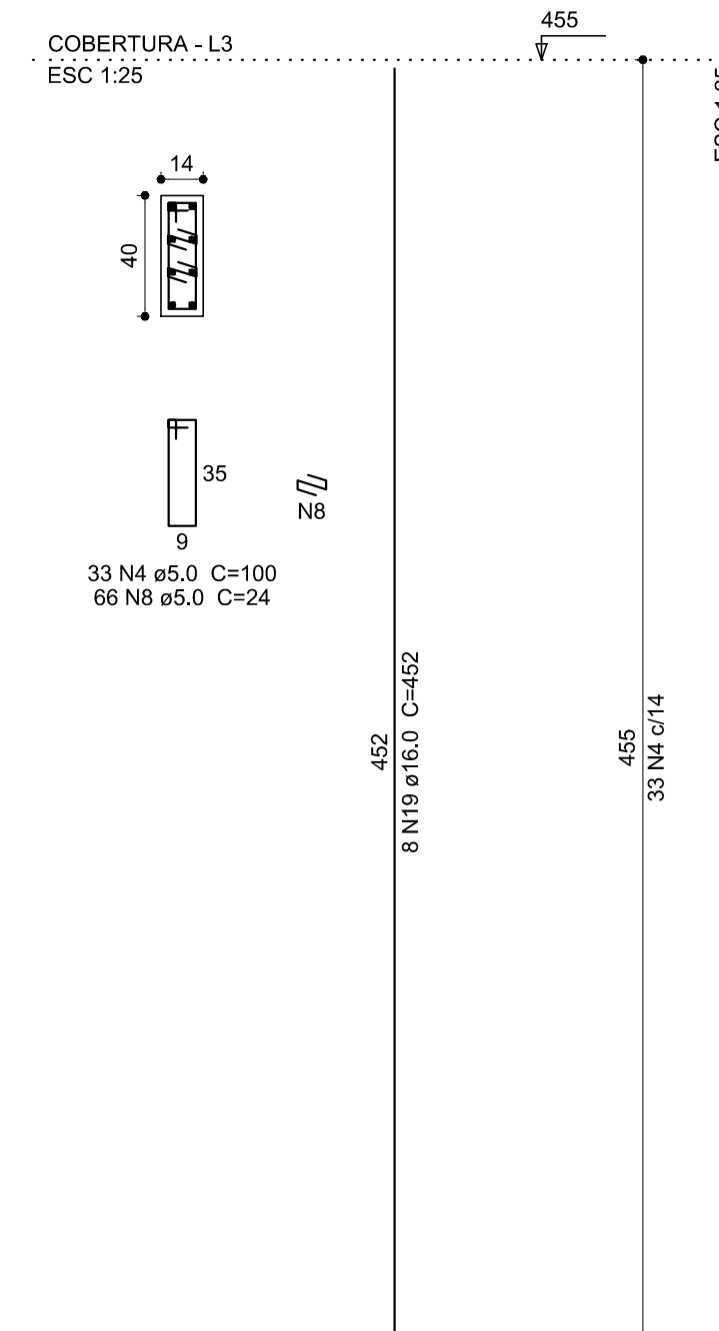
P.11=P.12



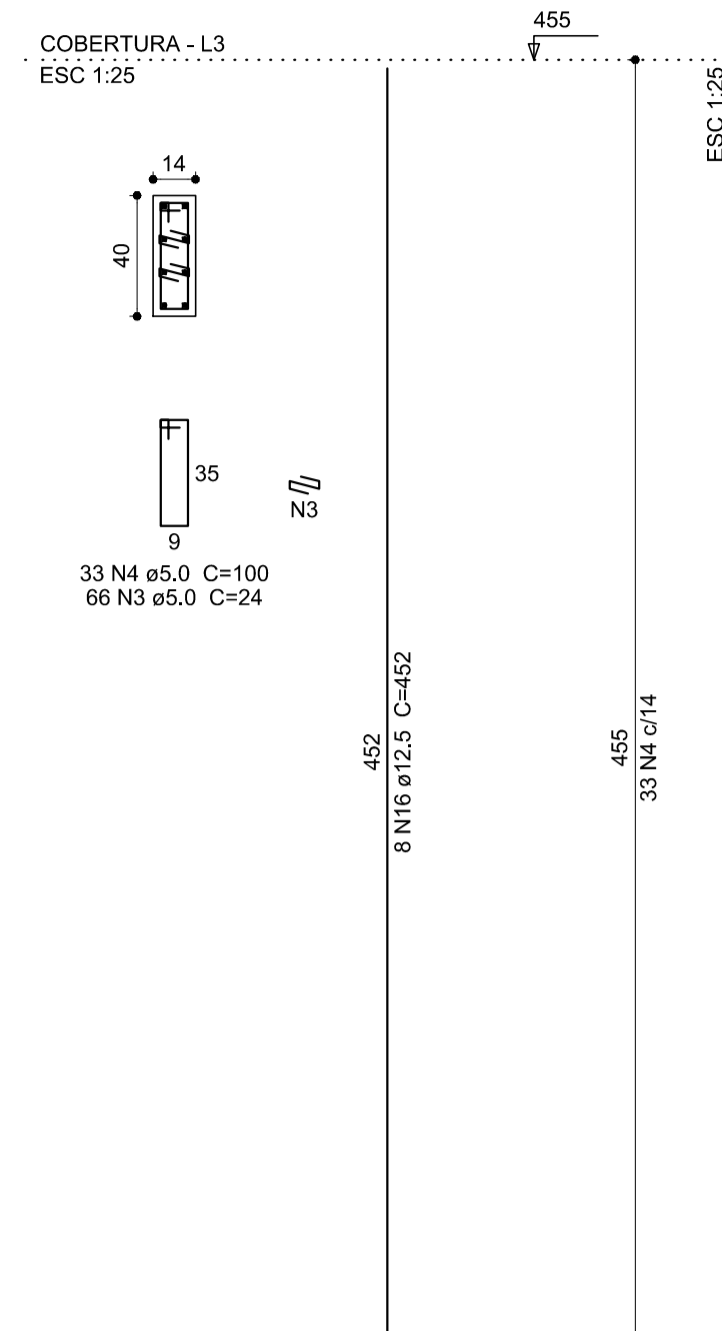
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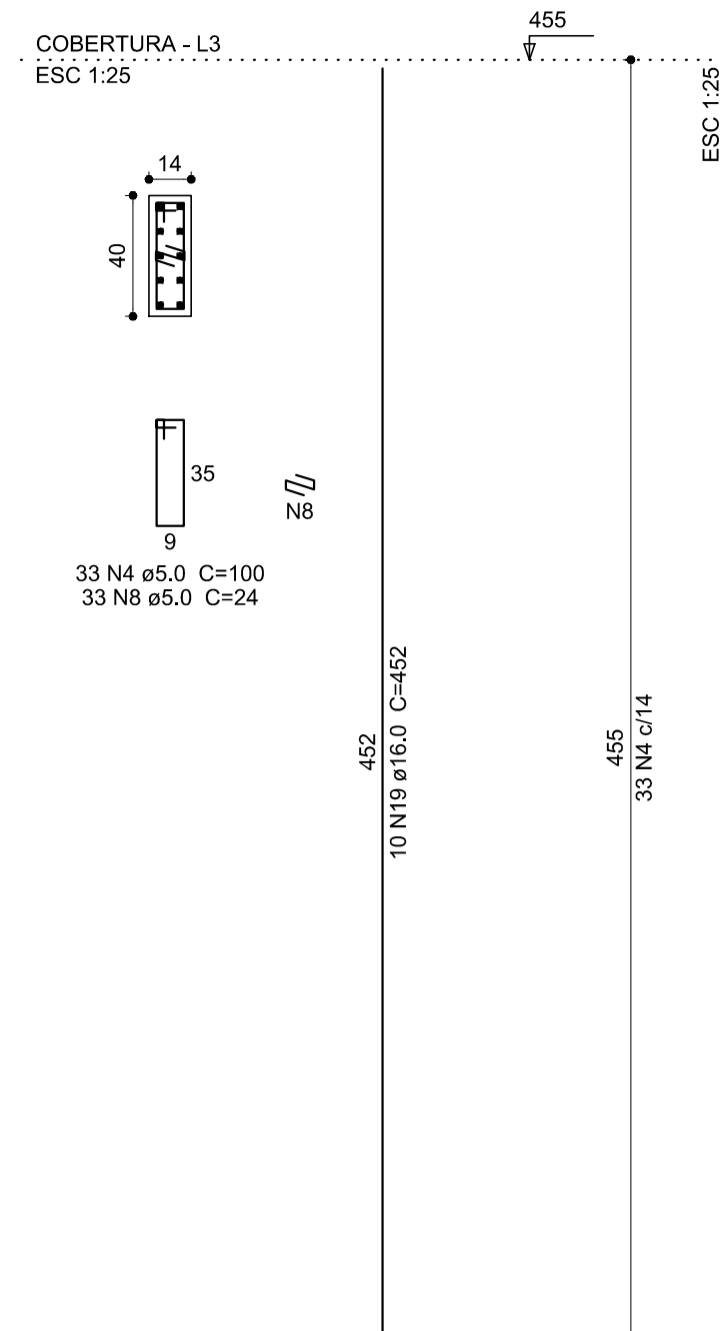
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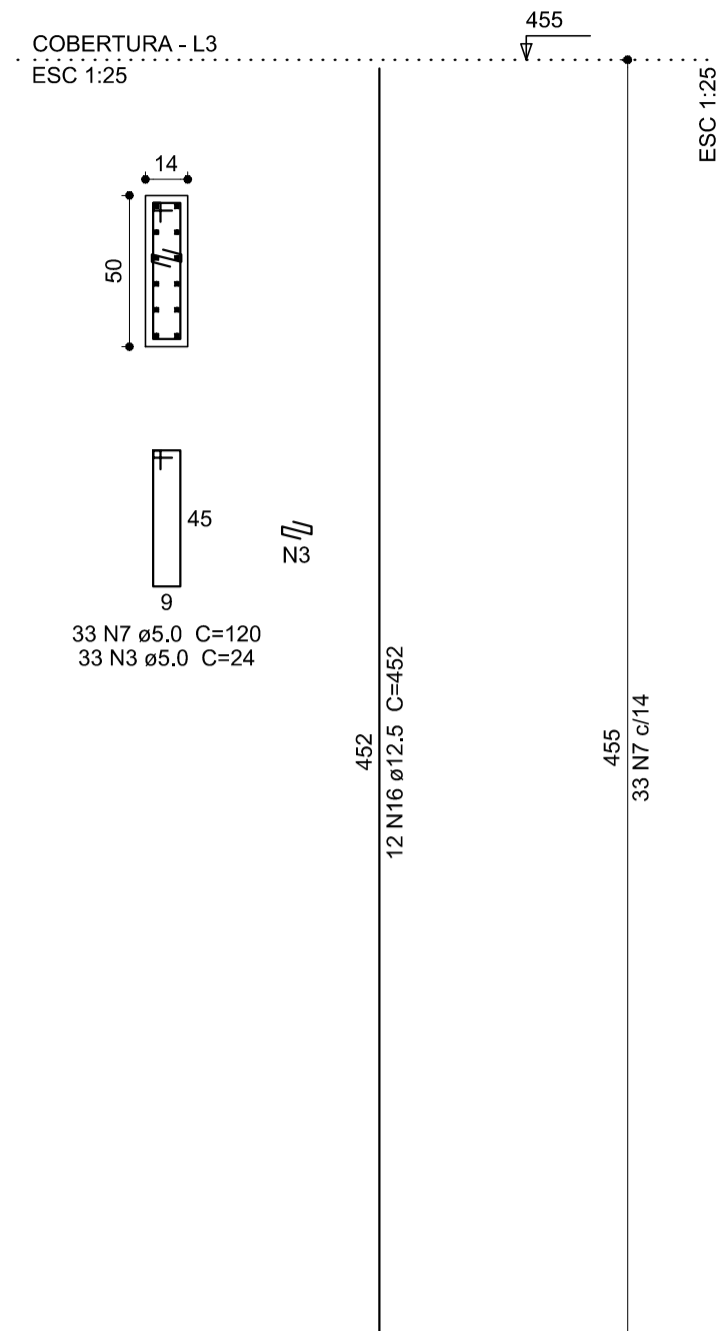
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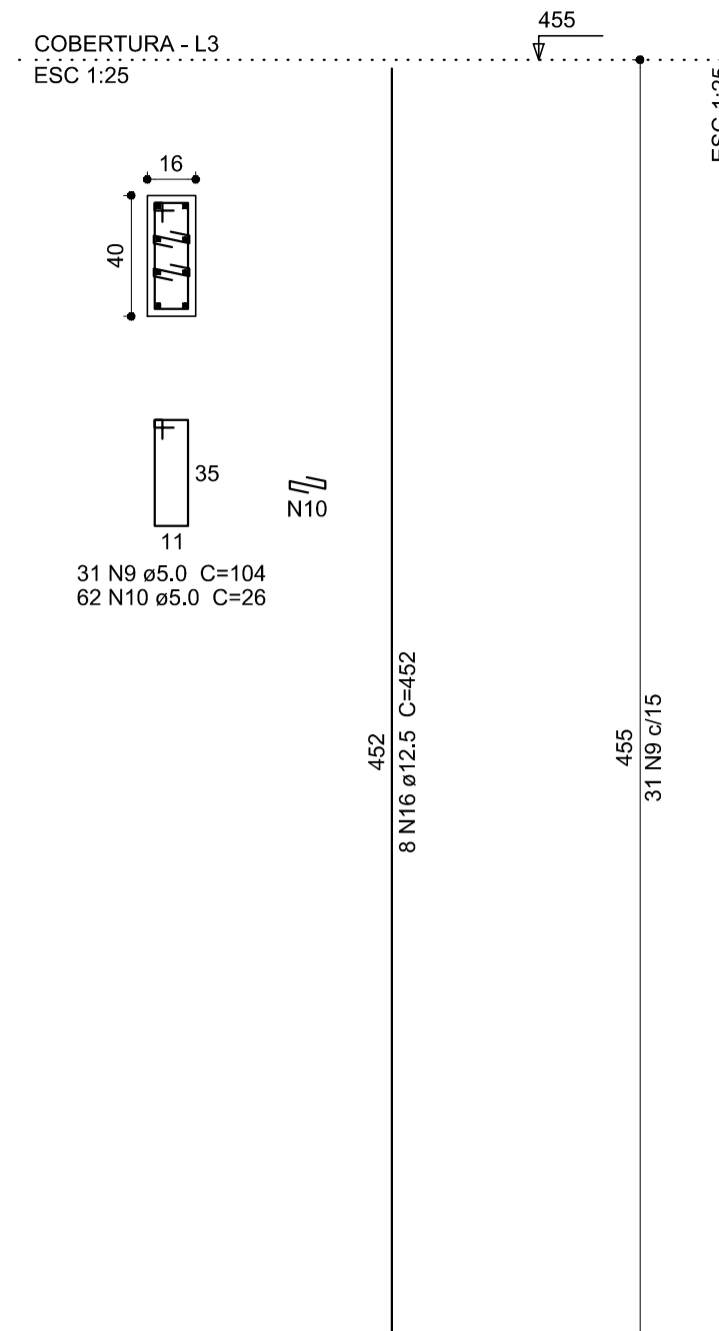
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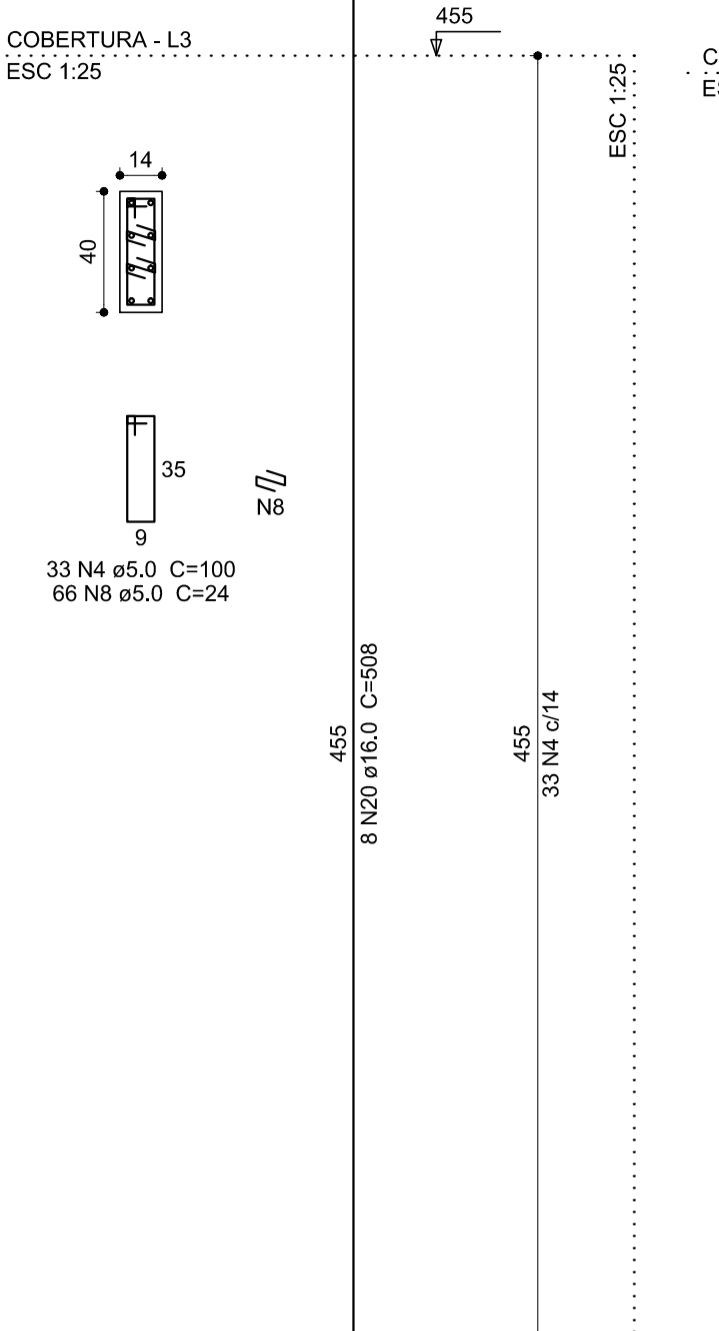
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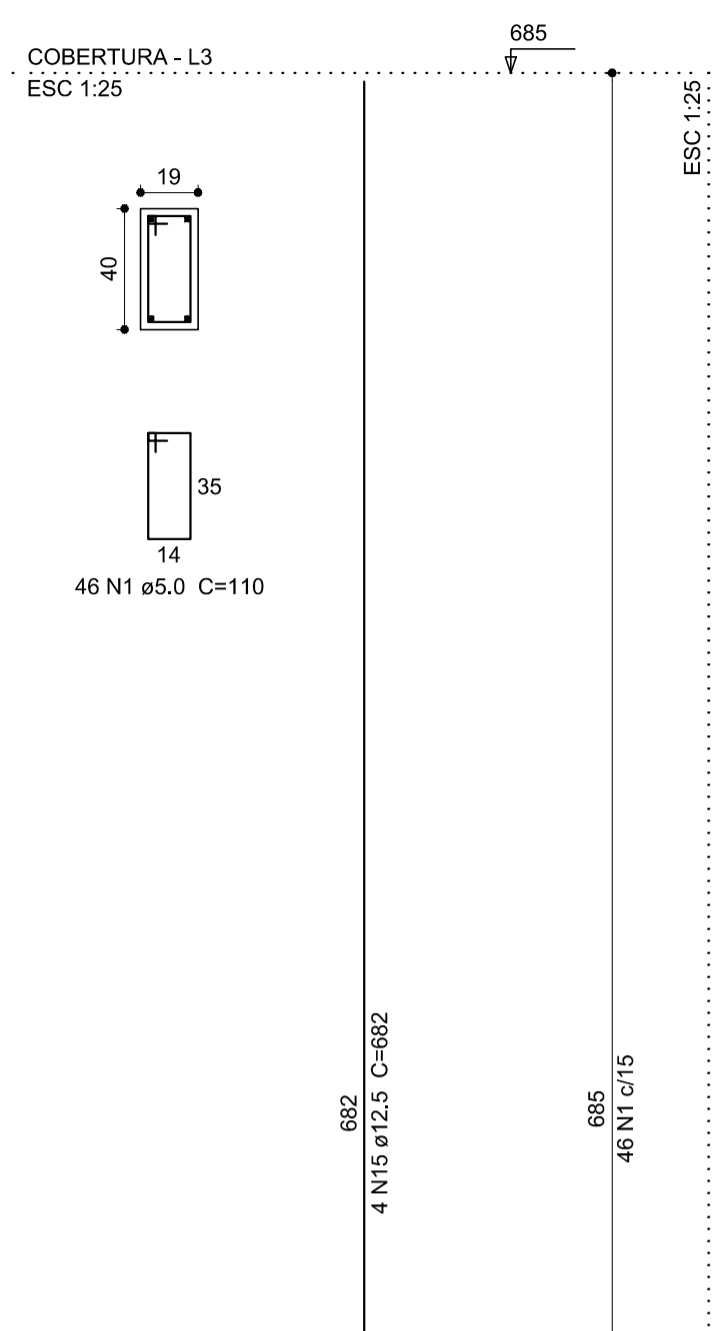
P.24



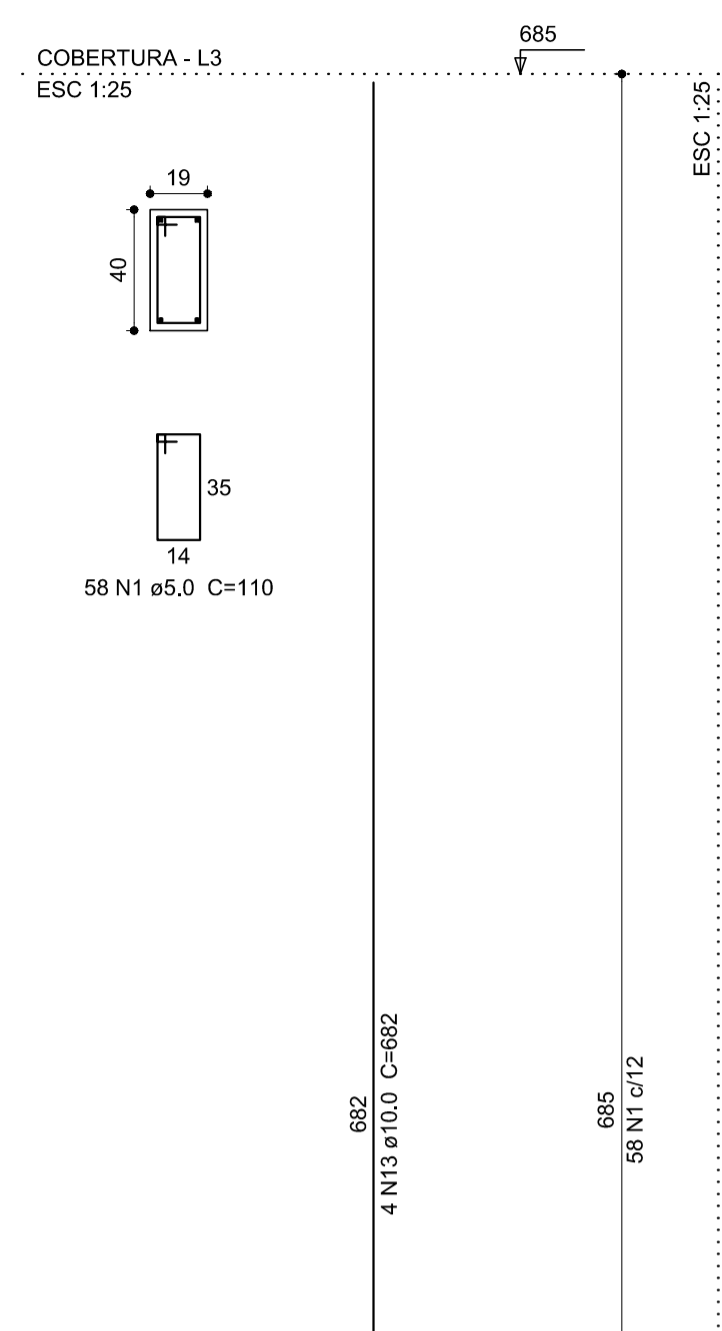
P.30



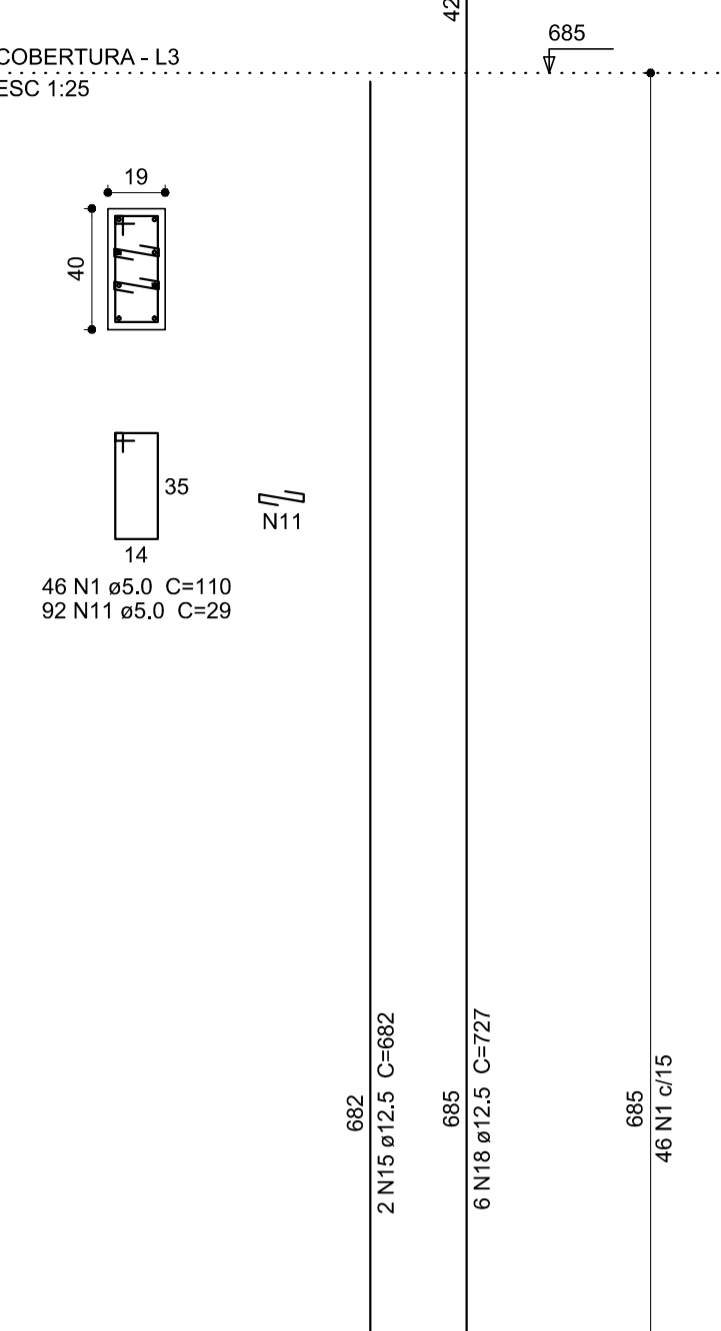
P.1=P.65



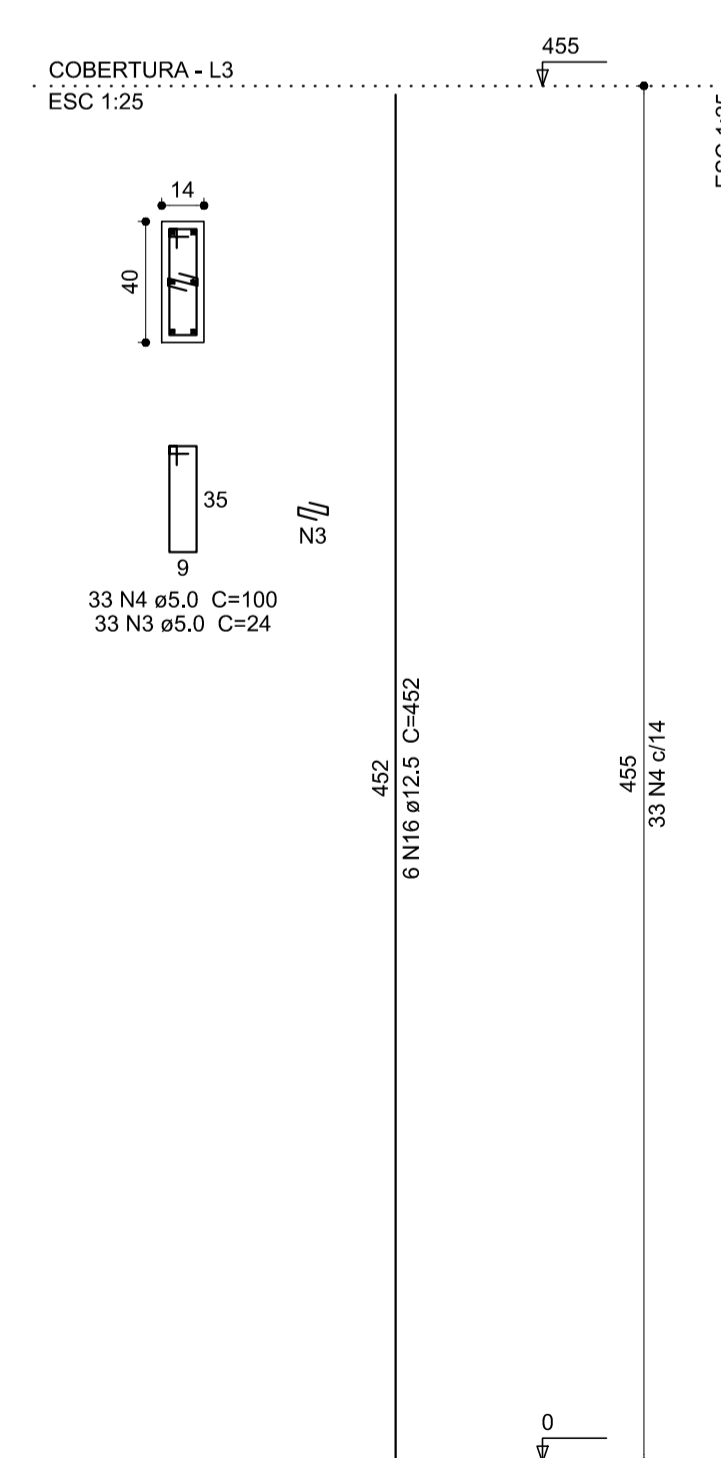
P.9=P.19=P.49=P.59



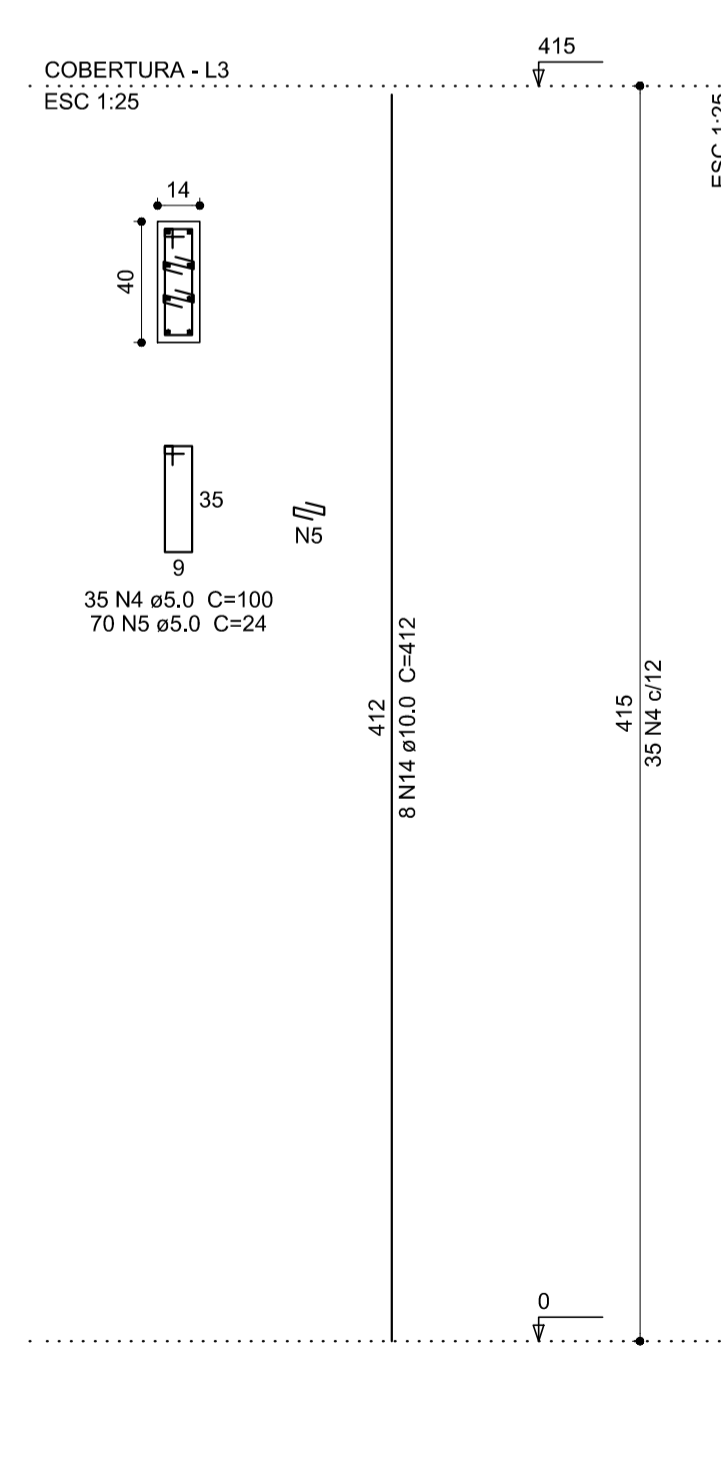
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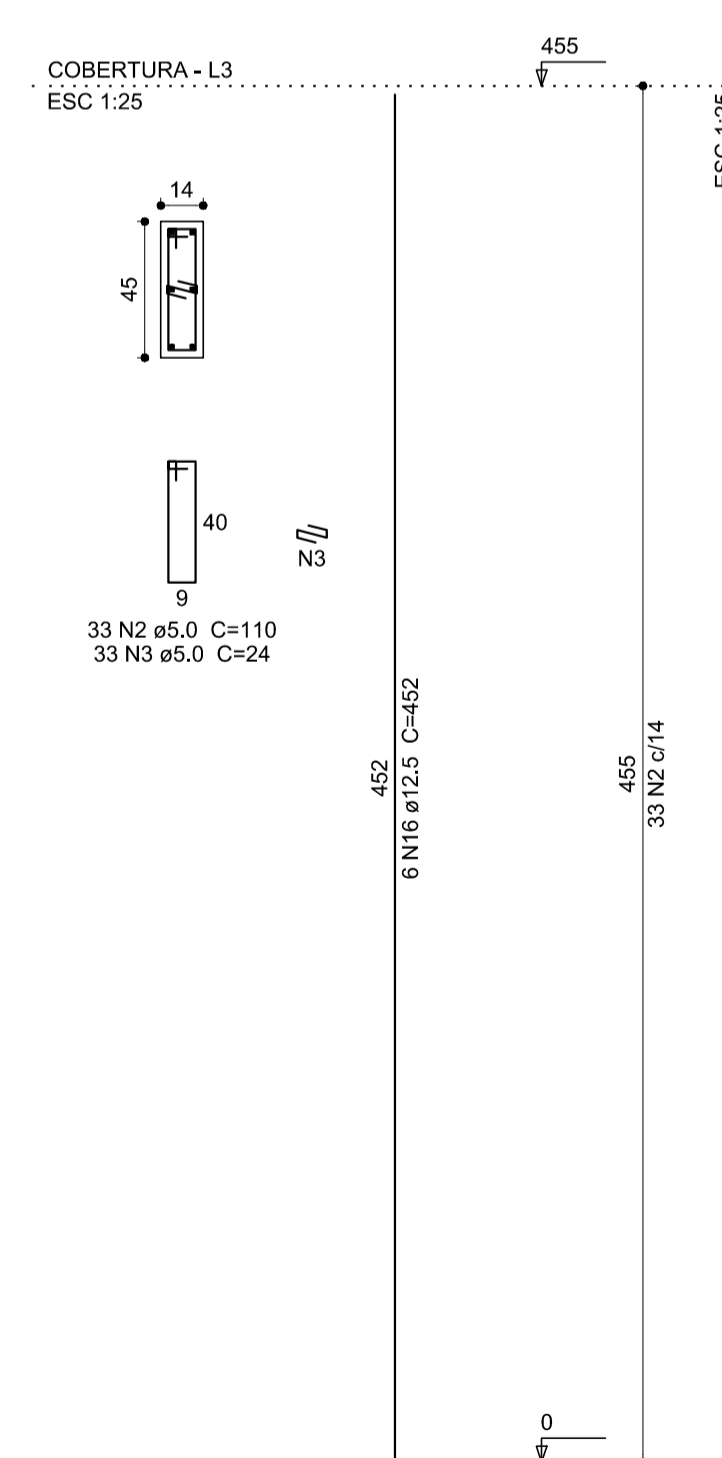
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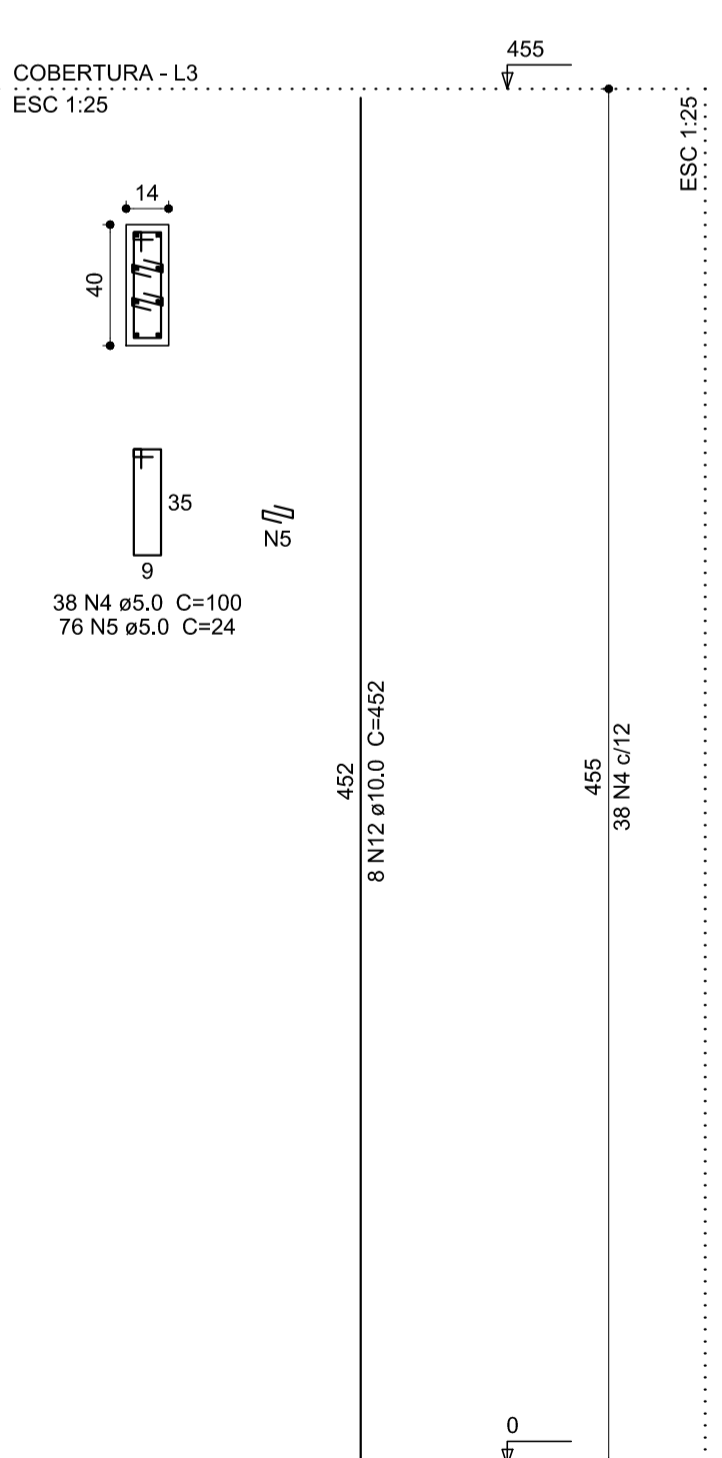
P.60=P.63



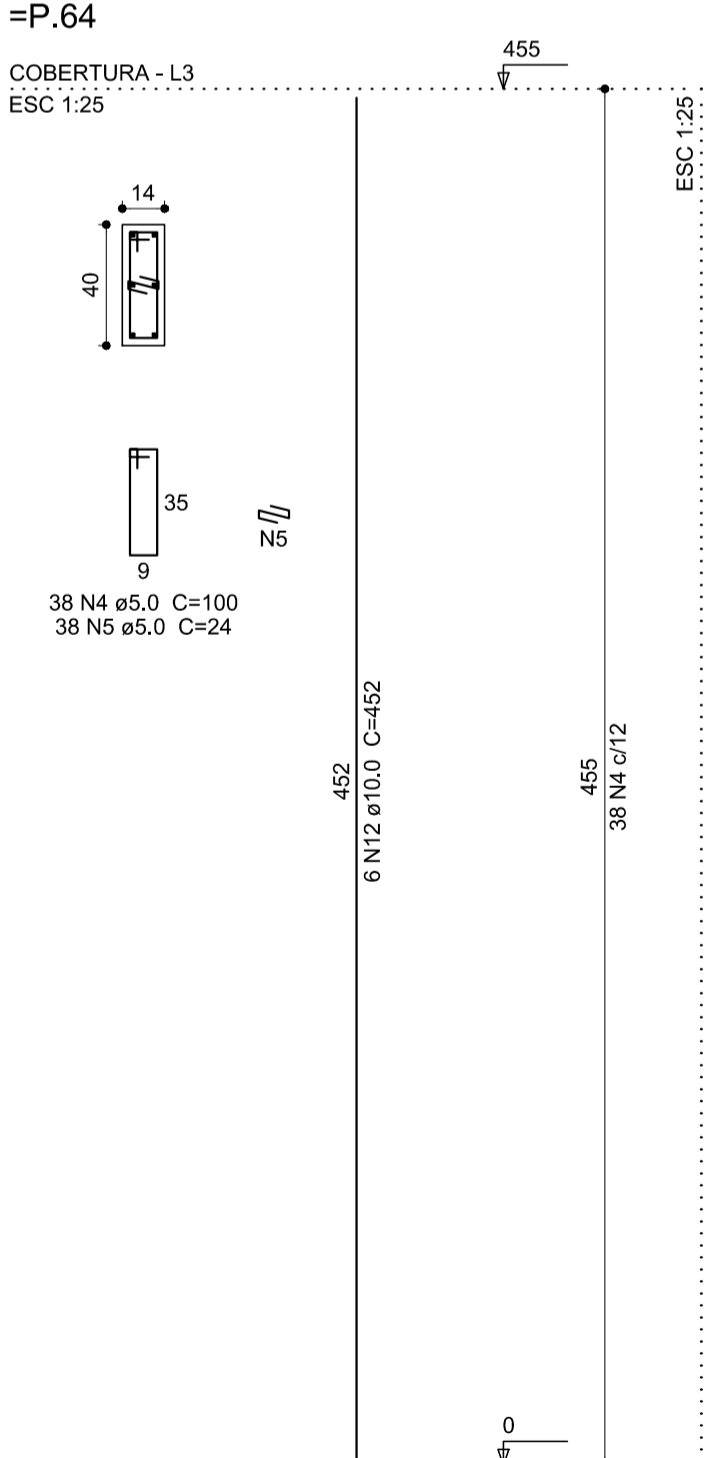
P.2



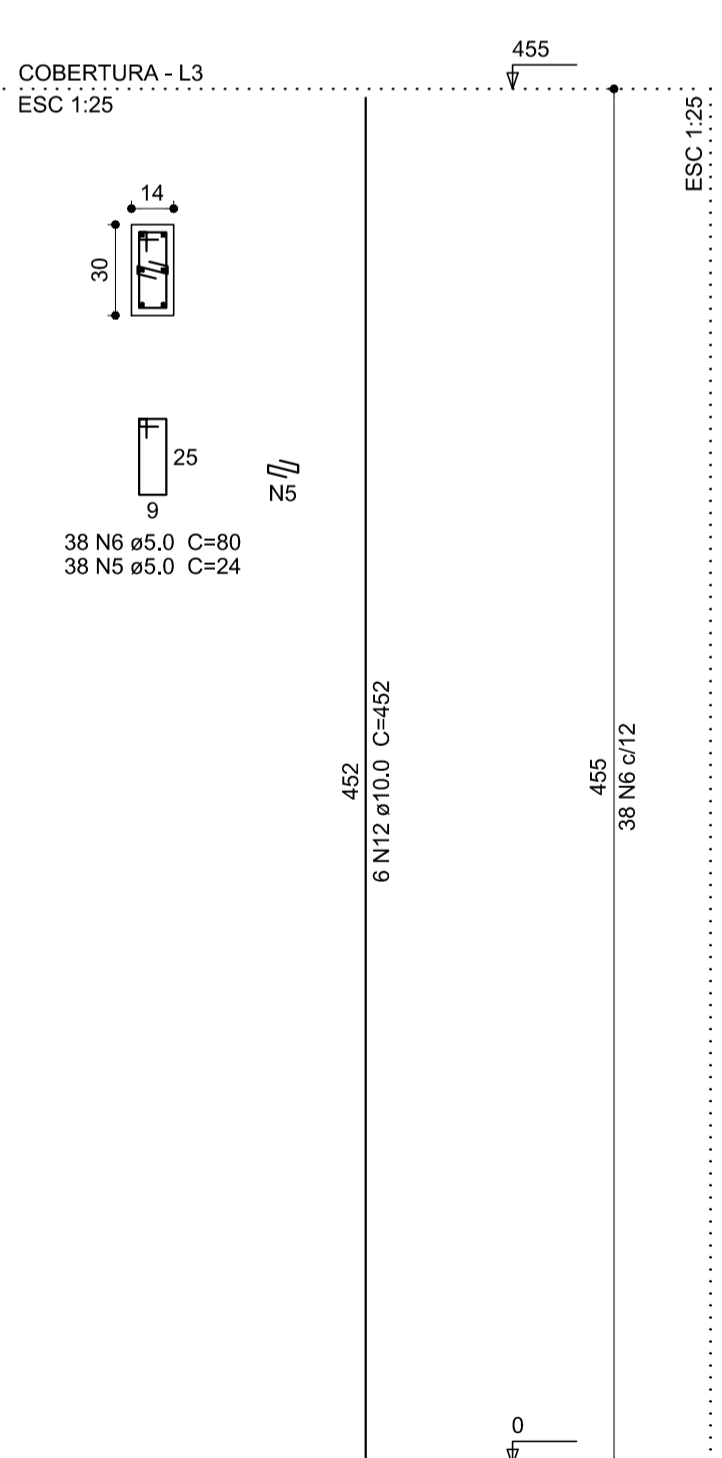
P.3=P.8=P.25=P.26=P.41=P.56=P.57



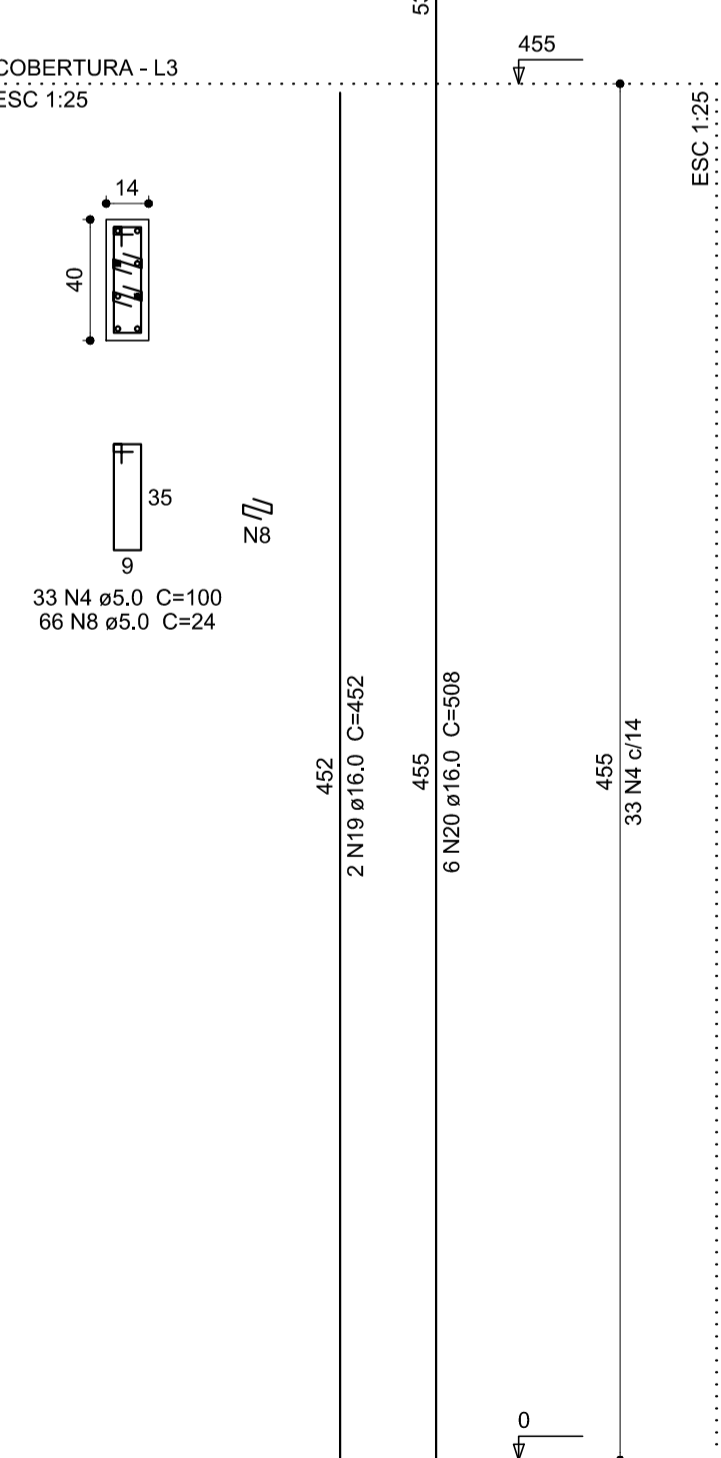
P.4=P.7=P.13=P.16=P.17=P.18=P.39=P.45
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=P.64



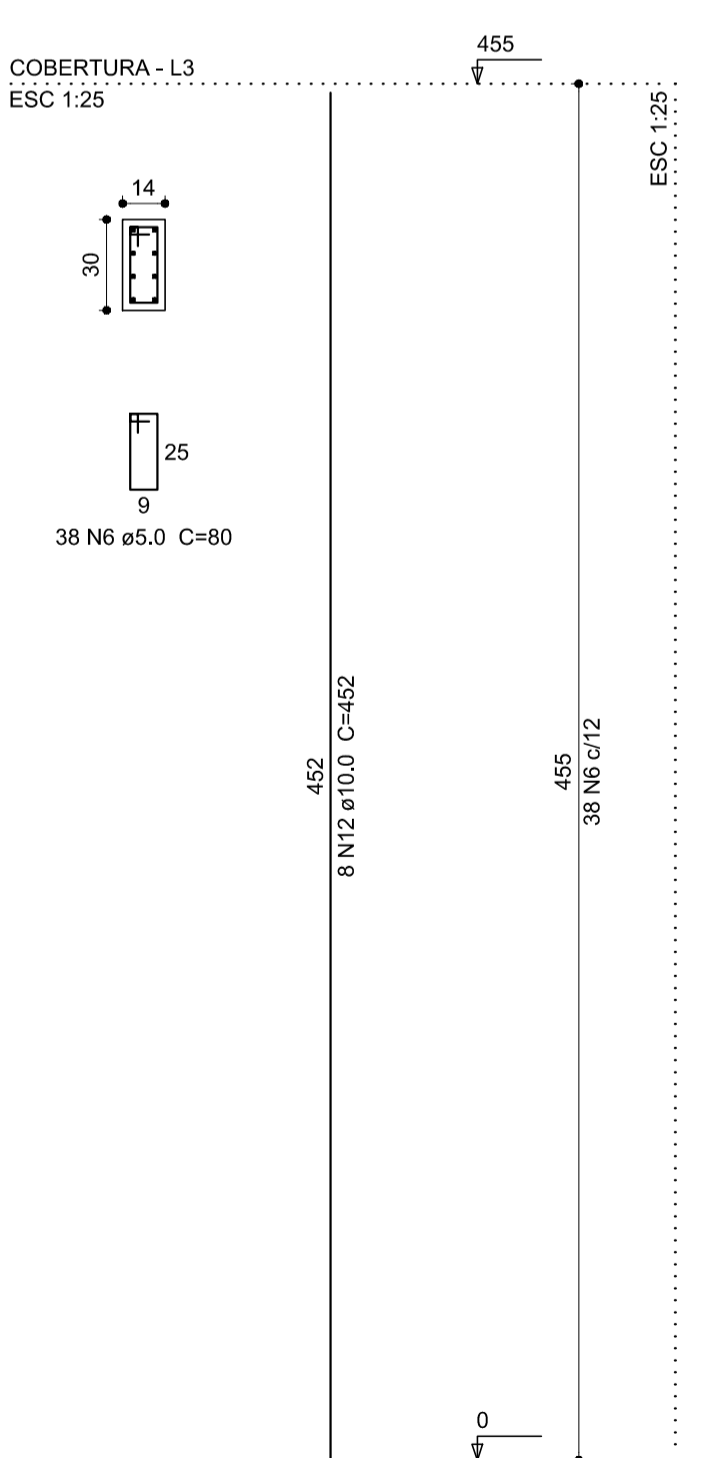
P.5=P.6



P.35



P.27=P.28



Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA80	1	5.0	416	110	45760
	2	5.0	33	110	3630
	3	5.0	747	24	17928
	4	5.0	1675	100	167500
	5	5.0	1576	24	37800
	6	5.0	152	80	12160
	7	5.0	142	120	17040
	8	5.0	363	24	8712
	9	5.0	31	104	3224
	10	5.0	62	26	1612
	11	5.0	184	29	5336
	12	10.0	198	452	89496
	13	10.0	18	682	10912
	14	10.0	34	412	14008
	15	12.5	12	882	8164
	16	12.5	106	452	47912
	17	12.5	16	412	6592
	18	12.5	12	727	8724
	19	16.0	48	452	21696
	20	16.0	14	508	7112

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	1144.2	776
	12.5	714.2	756.7
	16.0	285.1	500.2
CA80	5.0	3207.1	543.7
PESO TOTAL (kg)			
CA50		2032.8	
CA80		543.7	

Volume de concreto (C-30) = 18,6 m³
Área de forma = 342,38 m²

CLIENTE: IFC CAMPUS ARAQUARI
LOCAL: BR 280 KM 27
BAIRRO: ...
CIDADE: ARAQUARI - SC

PROJETO ESTRUTURAL

DESENHO: Cirilo Junior
ESCALA: Indicadas
DATA: 14/09/2013
Rua Nazareno, 426 - Bairro Glória - Joinville - SC - Fone 47 3427-6555

DATAULT. MODF: 08/10/2013

Engenheiro Civil - CREA 094274-B

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