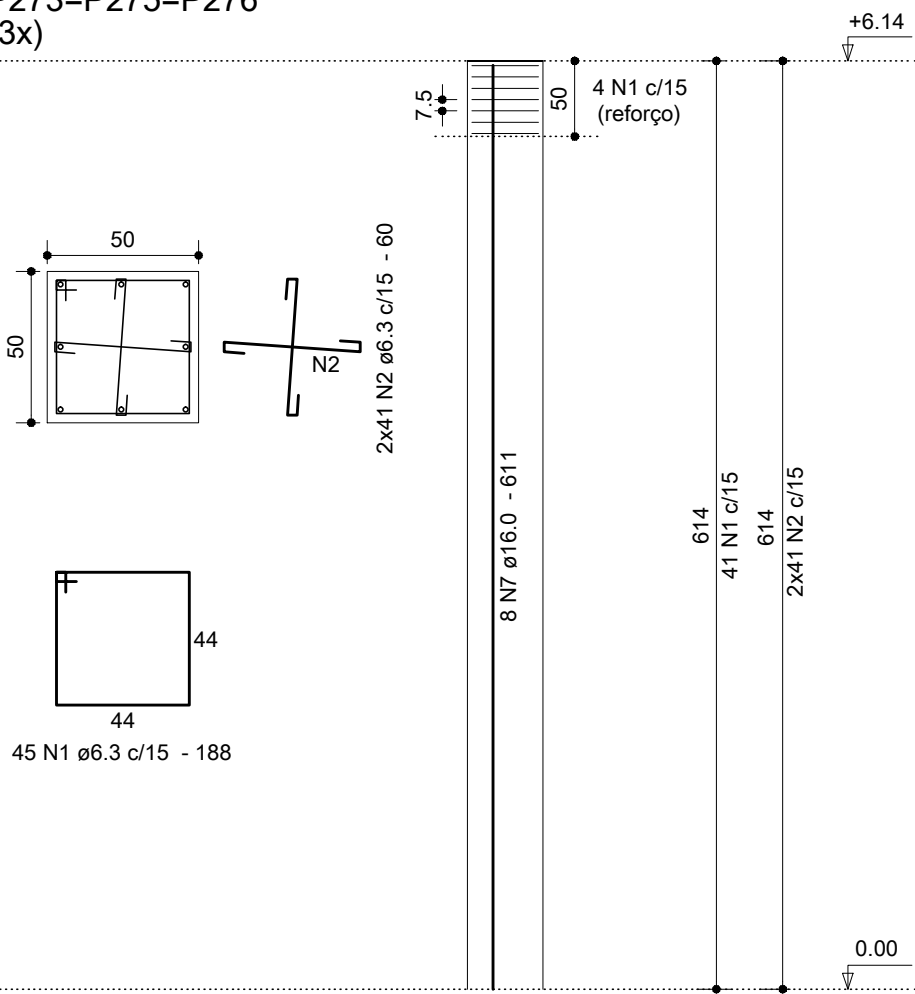
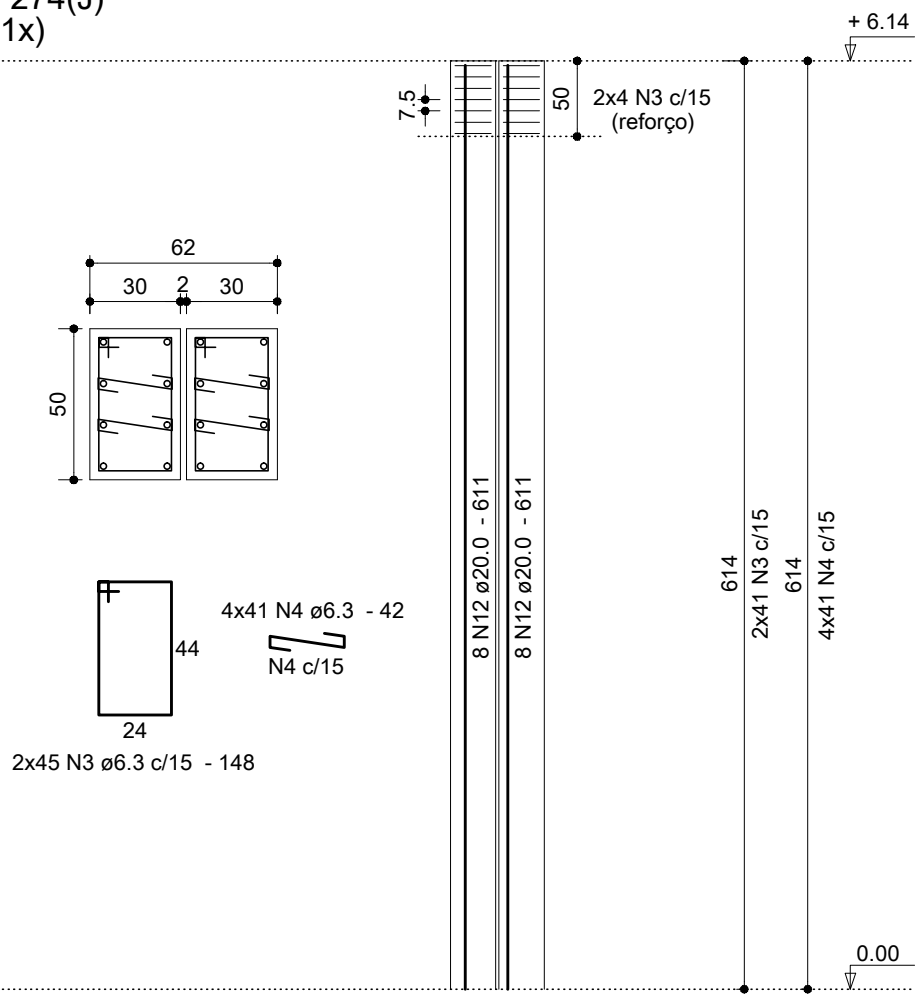


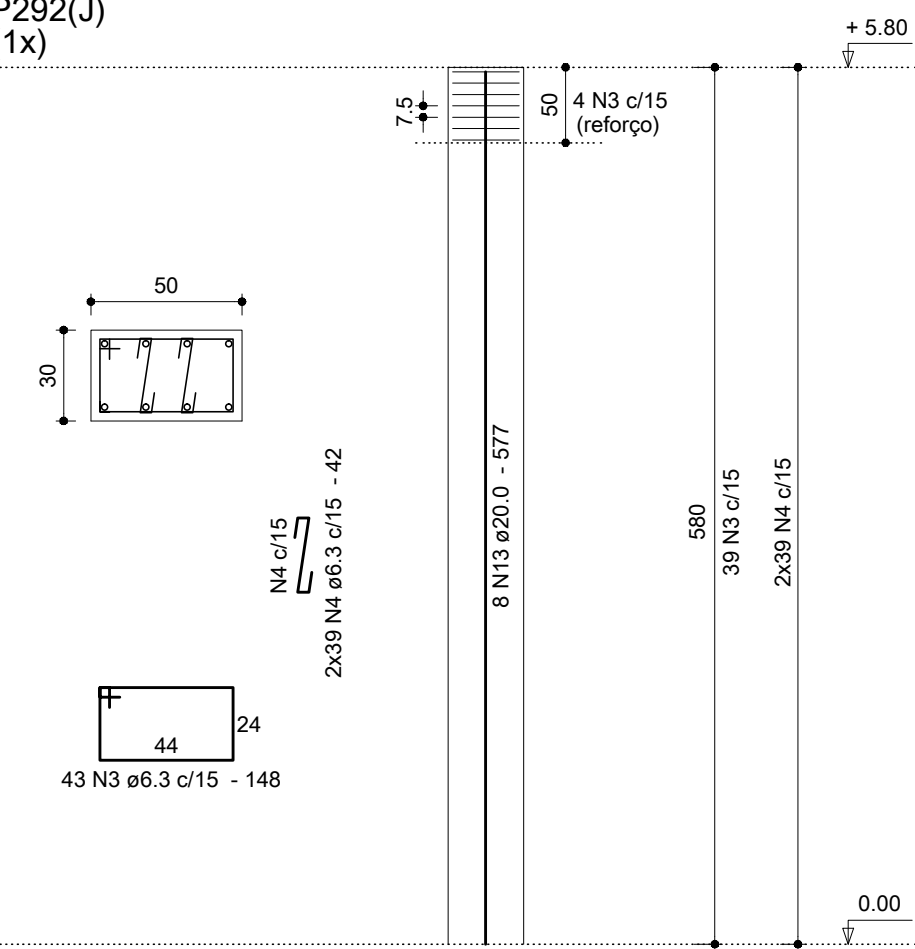
P273=P275=P276
(3x)



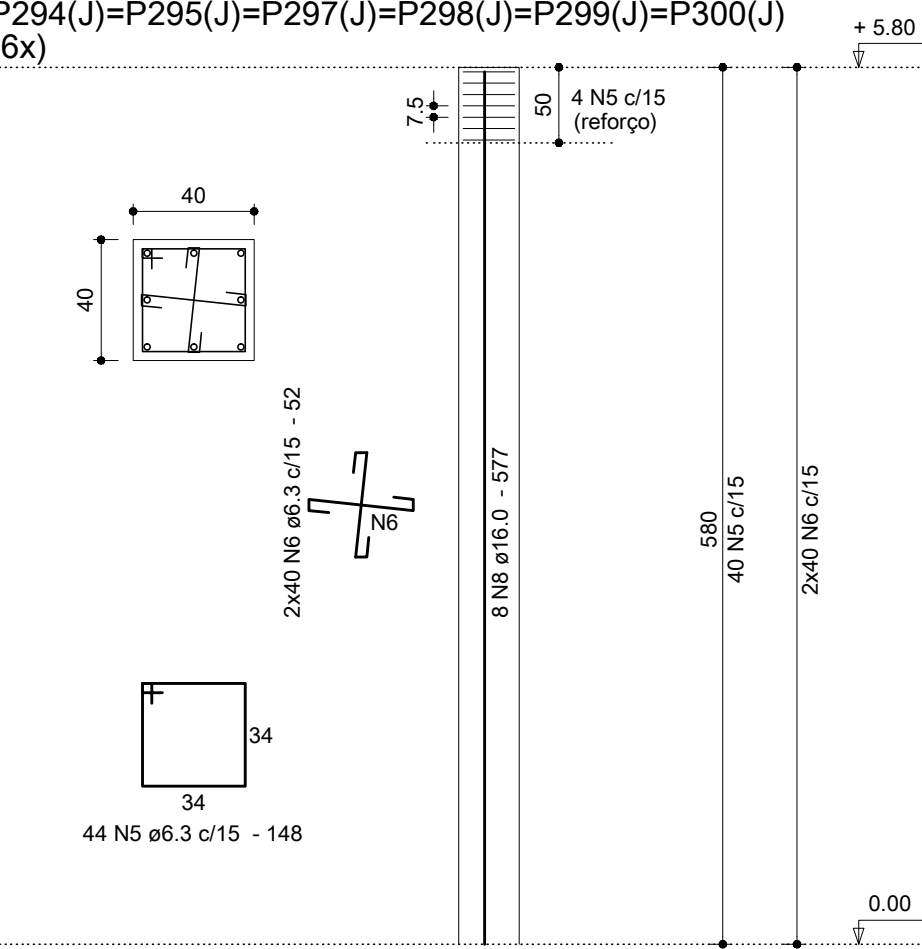
P274(J)
(1x)



P292(J)
(1x)



P294(J)=P295(J)=P297(J)=P298(J)=P299(J)=P300(J)
(6x)



Relação do aço

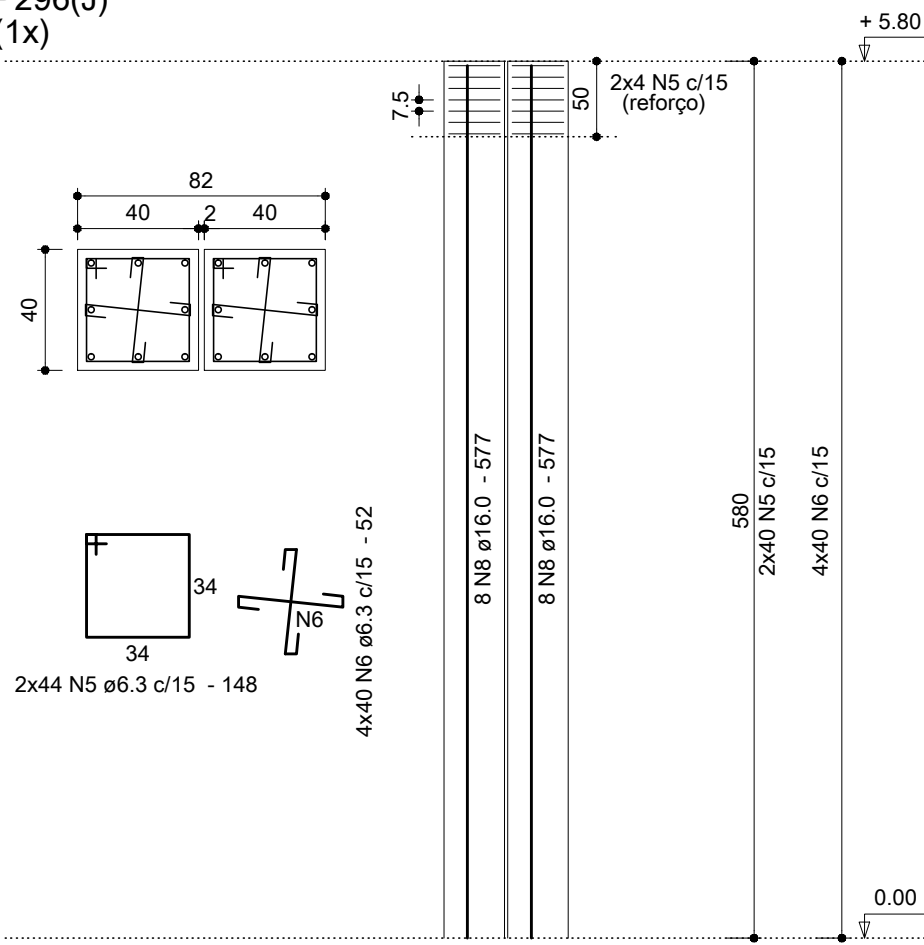
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	815	188	153220
	2	6.3	1553	60	93180
	3	6.3	301	148	44548
	4	6.3	546	42	22932
	5	6.3	352	148	52096
	6	6.3	640	52	33280
	7	16.0	24	611	14664
	8	16.0	64	577	36928
	9	16.0	58	569	33002
	10	16.0	24	561	13464
	11	16.0	50	557	27850
	12	20.0	16	611	9776
	13	20.0	8	577	4616
	14	20.0	16	561	8976
	15	20.0	16	557	8912

Resumo dos materiais

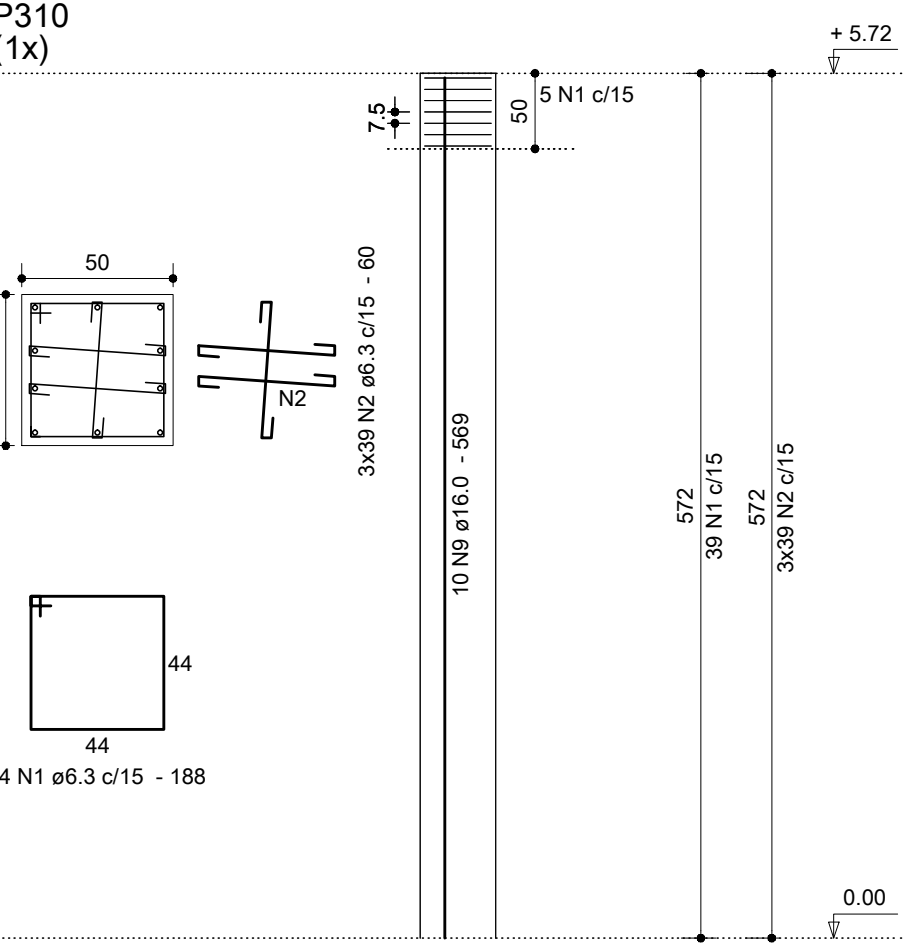
AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	3992.6	977
	16.0	1259.1	1987.3
	20.0	322.8	796.1
PESO TOTAL (kg)			
CA50	3760.3		

Vol. concreto = 42.79 m³
Área formas = 357.10 m²

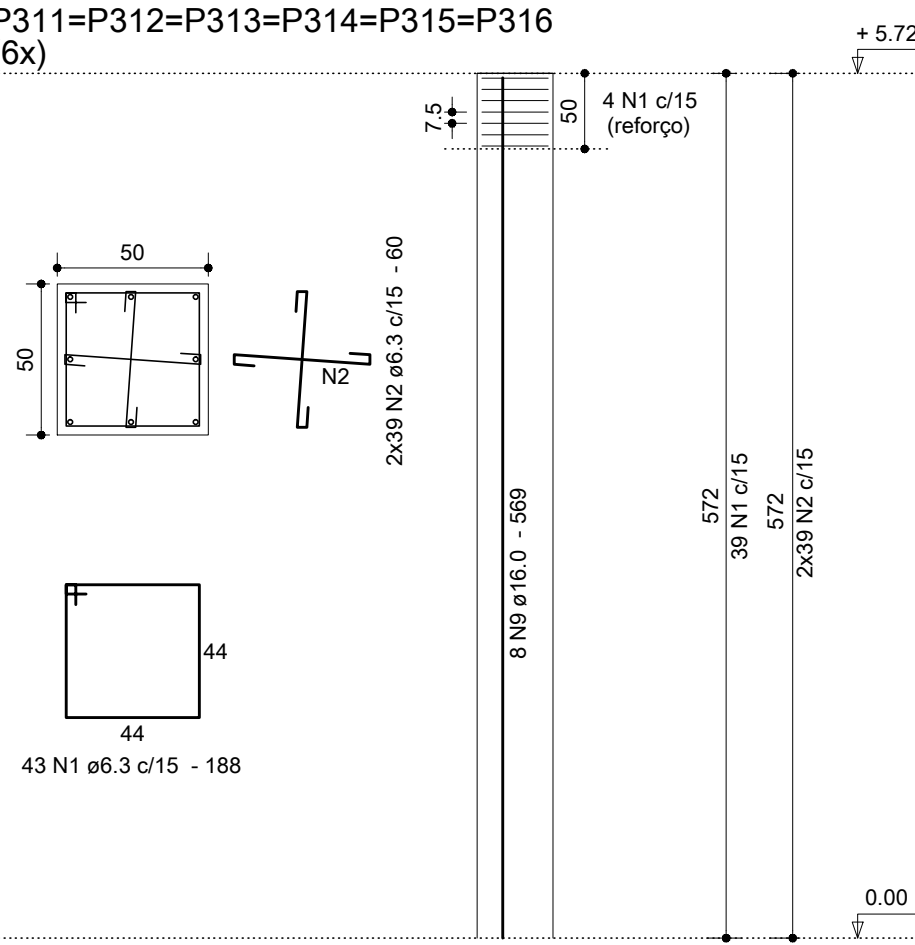
P296(J)
(1x)



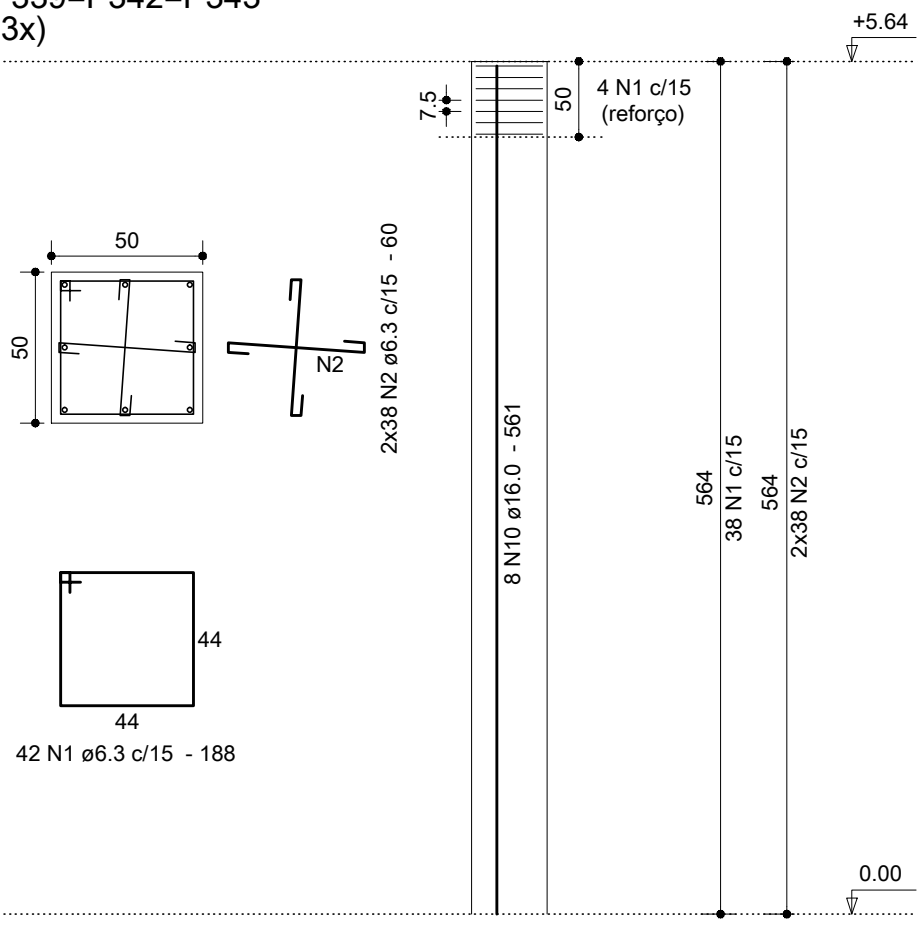
P310
(1x)



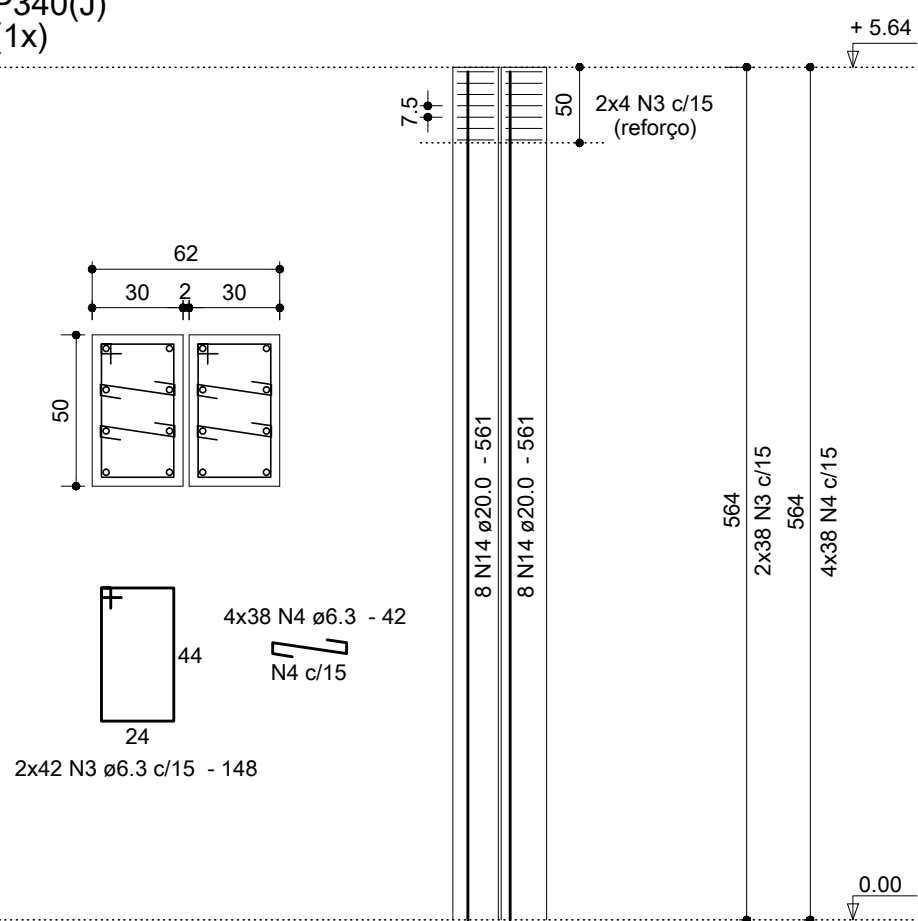
P311=P312=P313=P314=P315=P316
(6x)



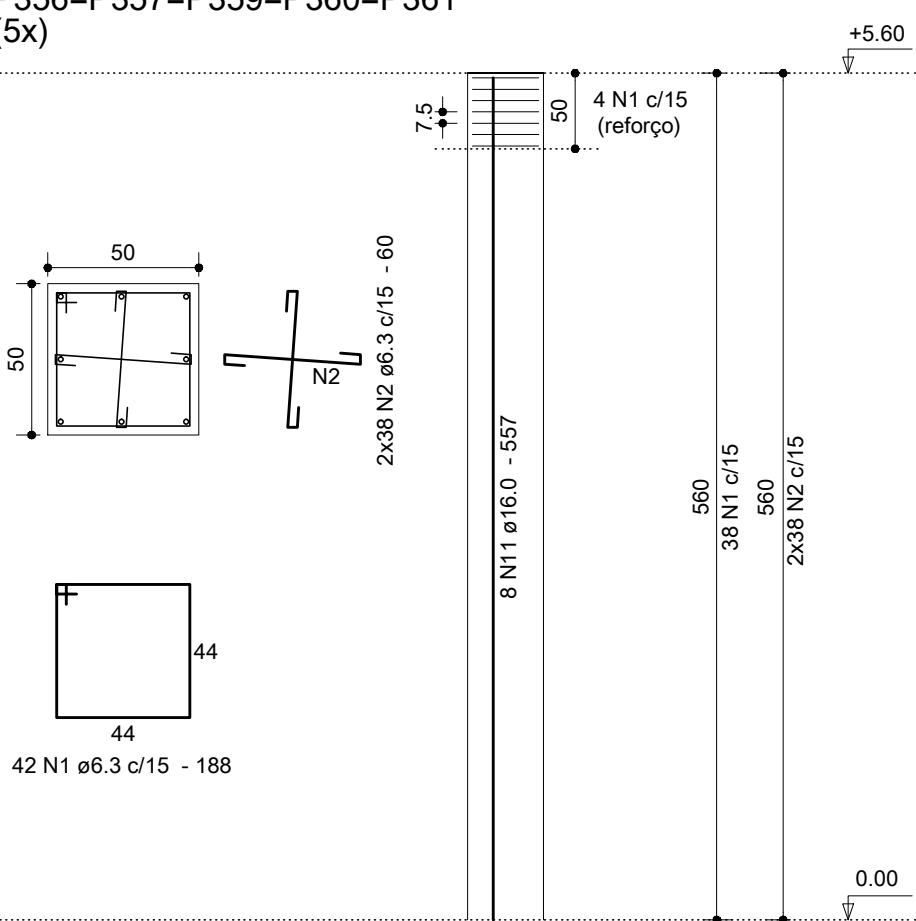
P339=P342=P343
(3x)



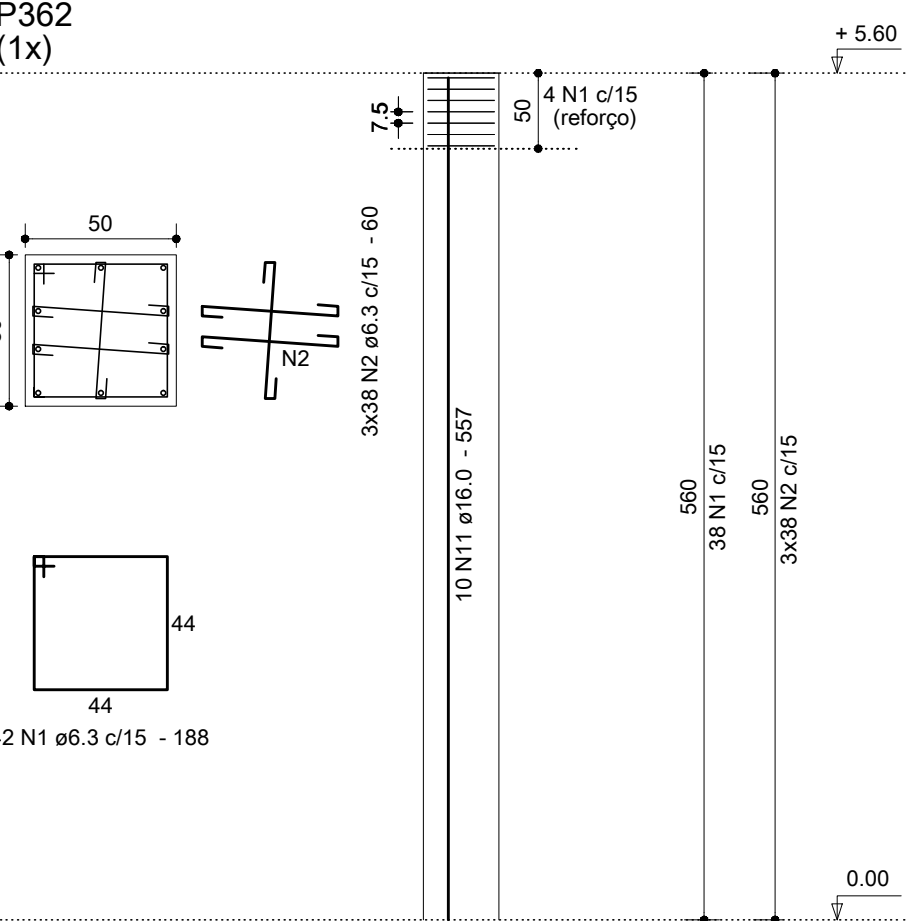
P340(J)
(1x)



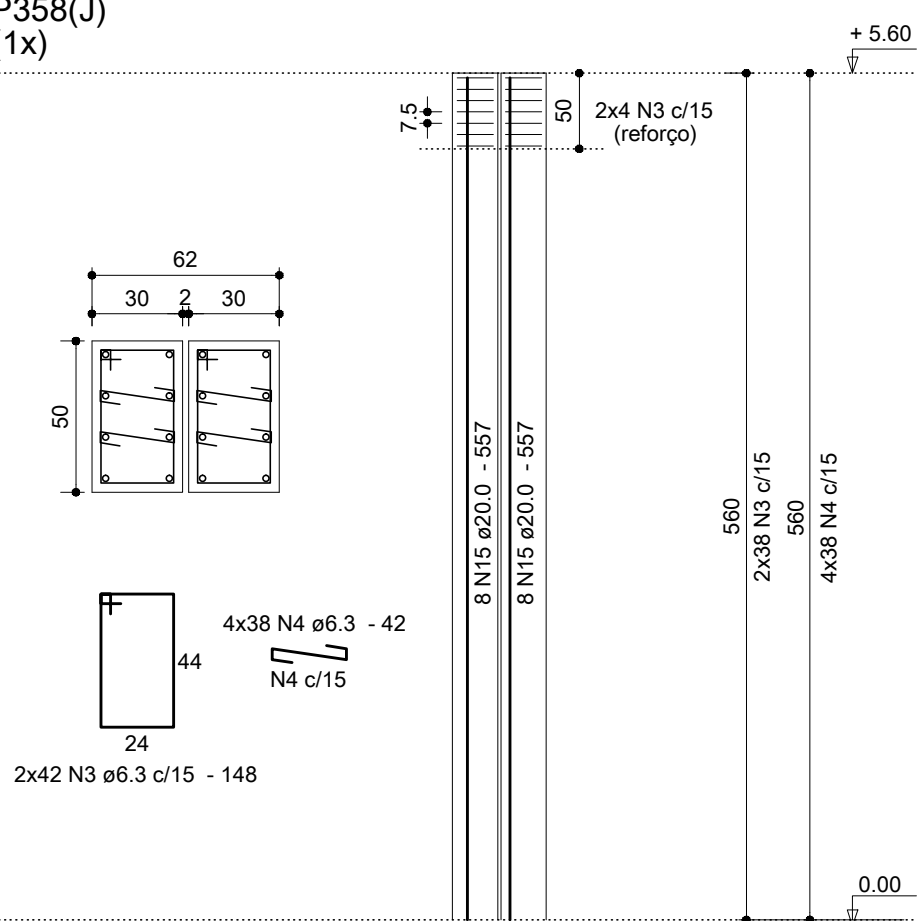
P356=P357=P359=P360=P361
(5x)



P362
(1x)



P358(J)
(1x)

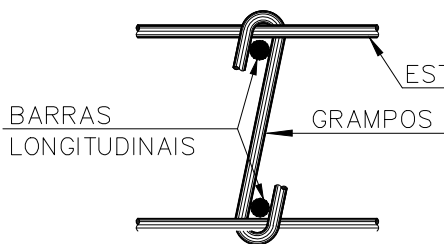


PILARES DESTA PRANCHA:

P273=P275=P276 (3x)
P274(J) (1x)
P292(J) (1x)
P294(J)=P295(J)=P297(J)=P298(J)=P299(J)=P300(J) (6x)
P296(J) (1x)
P310 (1x)
P311=P312=P313=P314=P315=P316 (6x)
P339=P342=P343 (3x)
P340(J) (1x)
P356=P357=P359=P360=P361 (5x)
P362 (1x)
P358(J) (1x)

Anotações:

Detalhe dos grampos:



BITOLA (Ø)	CA50	CA60
<20mm	5x2	6x2
≥20mm	8x2	—
estribos ≤10mm	3x2	3x2

NBR-6118:2003 (Items 9.4.2.3 e 9.4.6.1)

Notas:

01 NBR6118:2007 - Classe de Agressividade Ambiental = II.
02 NBR6118:2007 - Concreto com fck=25MPa - Aço CA-50/60.
03 NBR6118:2007 - Cobrimento para pilares: 3,0cm.
04 Unidades: diâmetro do aço em milímetro; espaçamento e comprimento em centímetro;
05 Os desenhos de armações dos pilares acompanham o posicionamento definido na planta de formas FOR 03.

00	07/08/12	Emissão inicial.	Dionísio
REVISÃO	DATA	MODIFICAÇÕES	RESP.

	Proger Engenharia Ltda		Av. Pres. Vargas, 590 - grupos 1309 a 1311 Centro, Rio de Janeiro, RJ CEP:20.071-000 Tel./Fax:(21)2432.0811 / Cel.:(21)9987.9477 dionisio@progerengenharia.com.br dionisio@dionisio.eng.br http://www.progerengenharia.com.br		
	PROJETOS ESTRUTURAIS - CONSULTORIA - GERENCIAMENTO DIONISIO AUGUSTO AMERICO DE NEVES E SOUZA Engenheiro Civil - CREA-RJ 52.791-0 IMB/FAU - Professor				
	CLIENTE:	PÁTIOMIX LINHARES SHOPPING CENTER SPE S.A.		DESENHO:	407_arma04_03_0.dwg
	OBRA:	SHOPPING PÁTIOMIX LINHARES Linhares - ES		ESCALA:	seção: 1:25 elevação: 1:50
	PROJETO ESTRUTURAL	PILARES DA COBERTURA - MOLDADOS NO LOCAL - 03/04 ARMAÇÕES		DATA - REVISÃO:	07/08/12 - R0