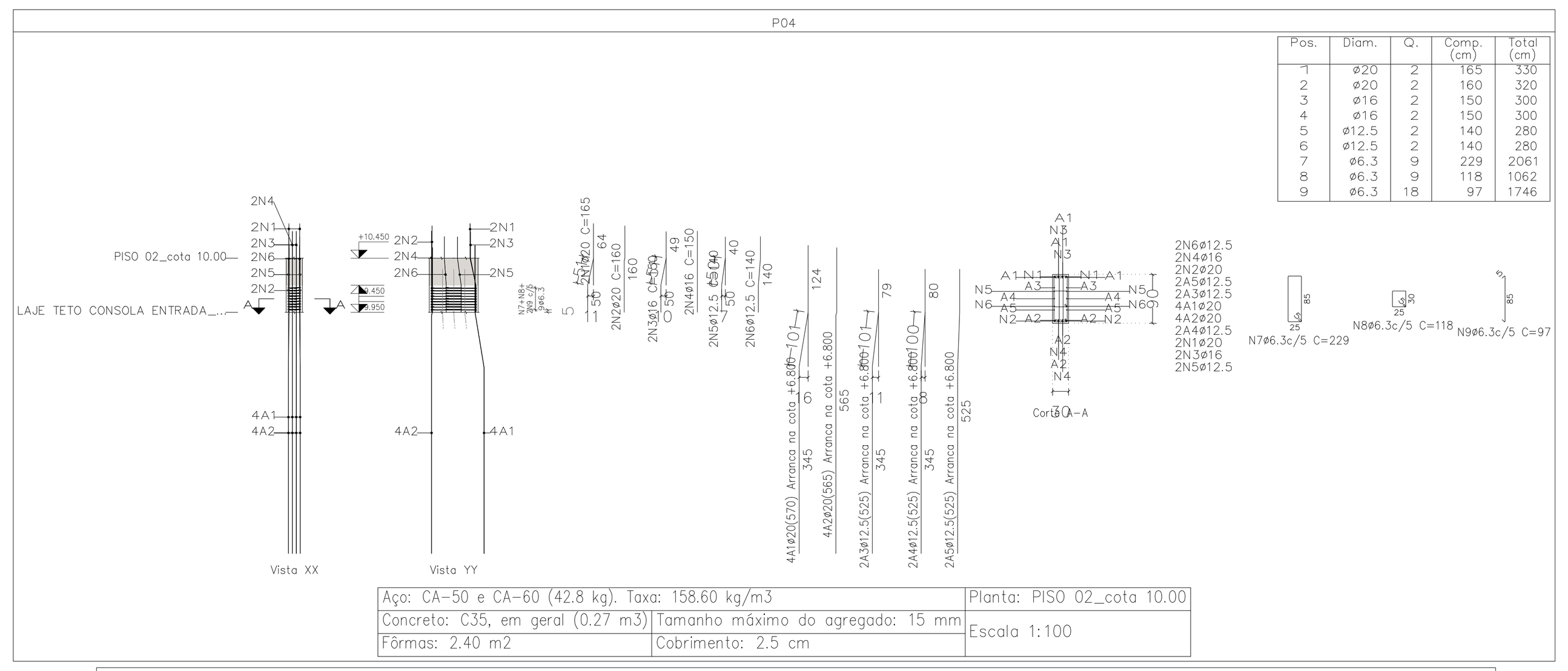
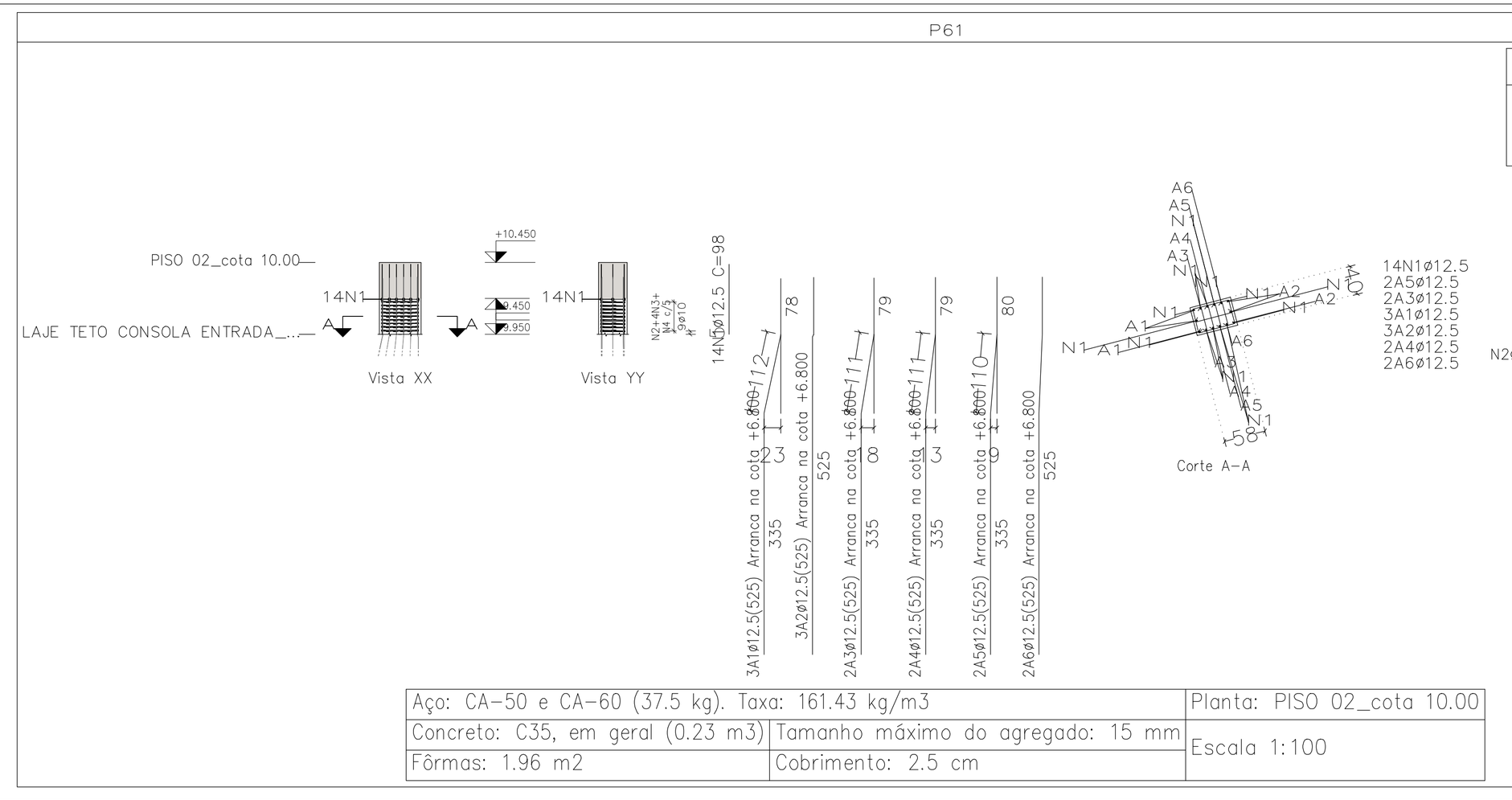
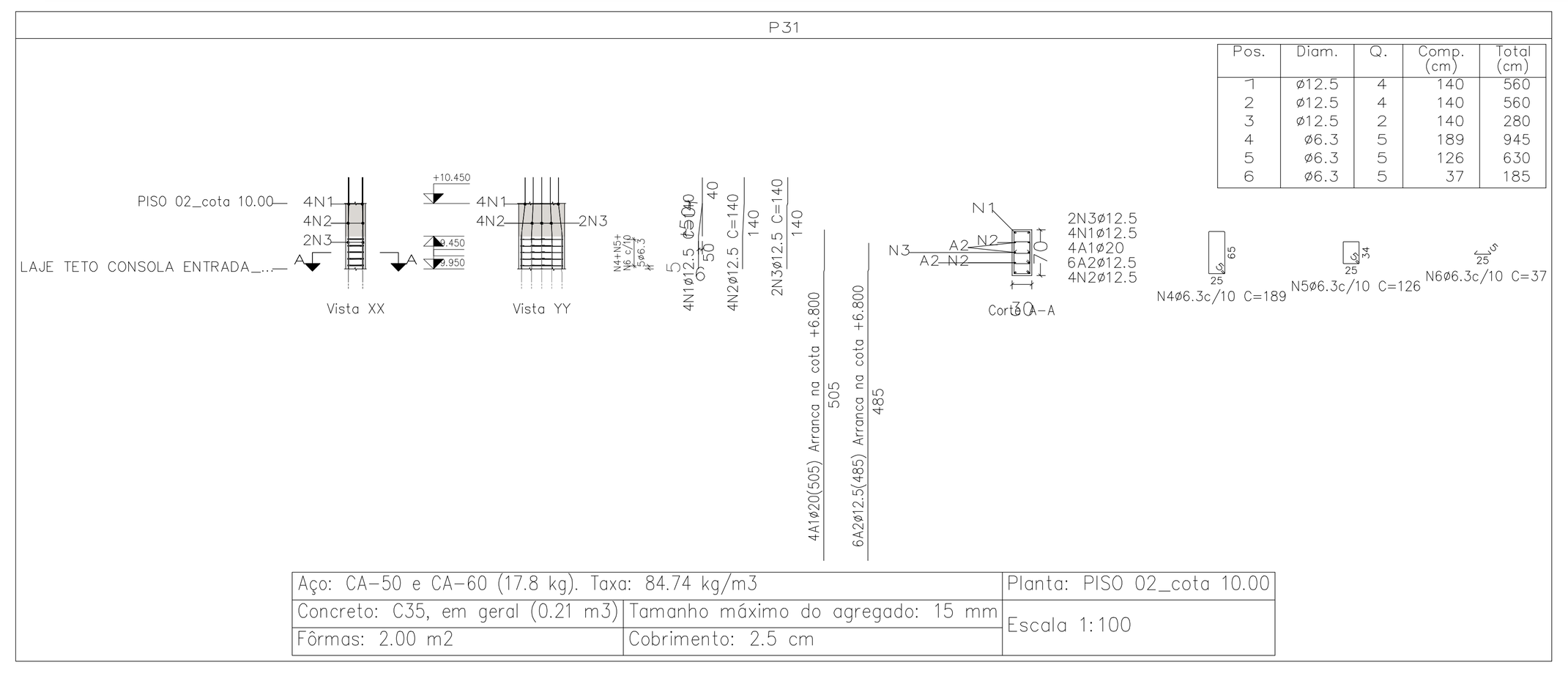
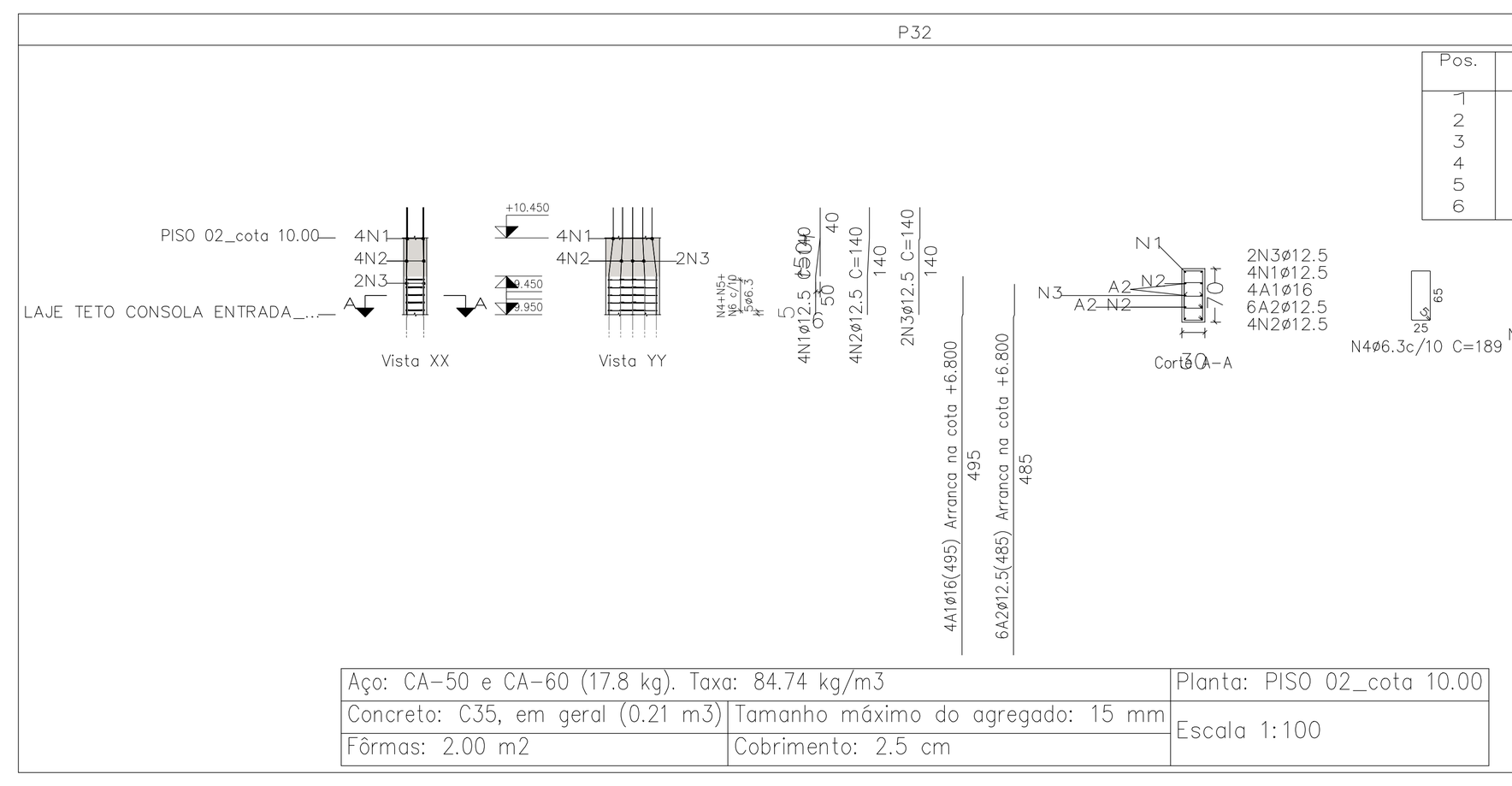
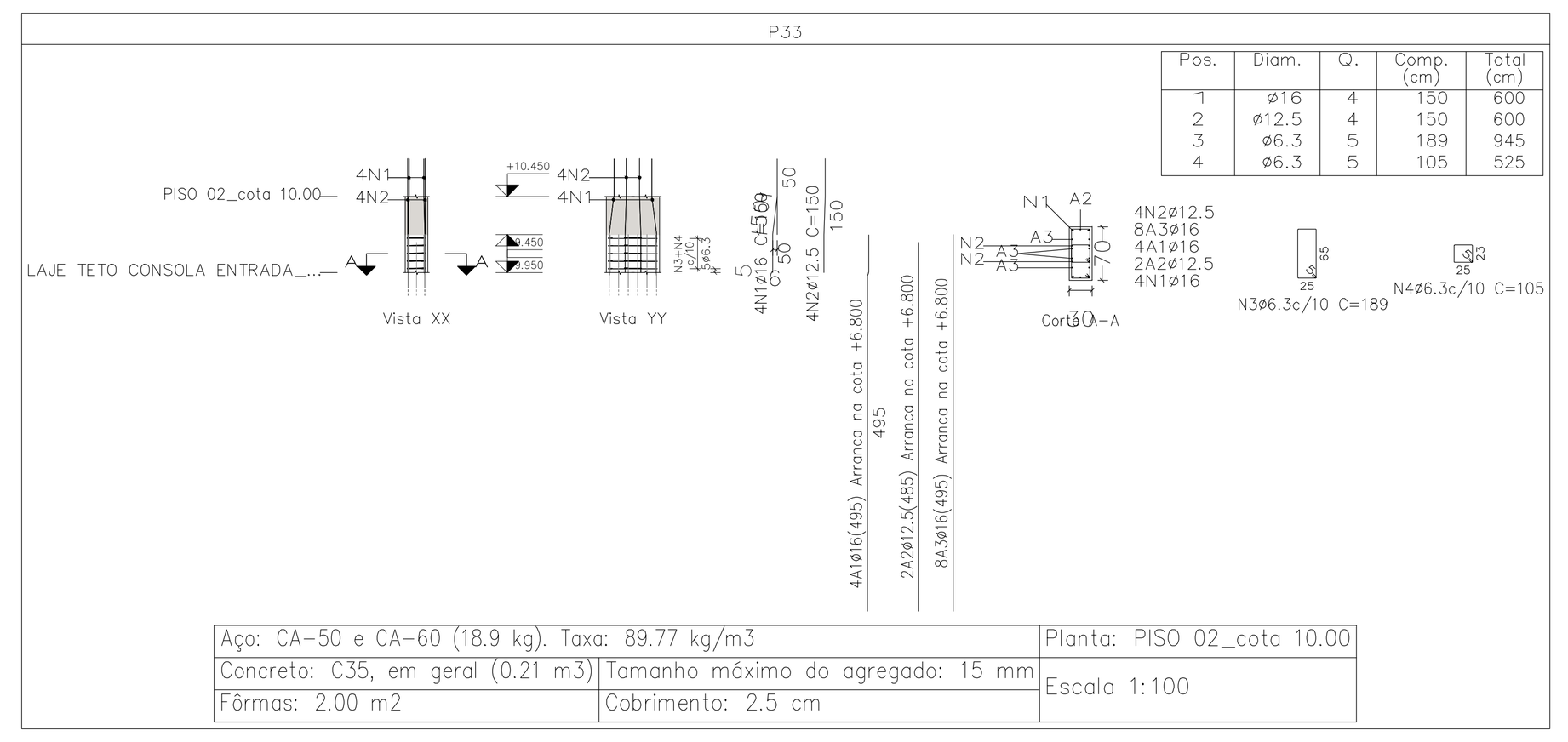
Tabela resumo 0 PISO 03_cota 14,50												
Pilares	Dimensões (cm)	Fôrmas (m²)	Concreto C35, em geral (m³)	Armaduras CA050 e CA060								Total
				Longitudinal				Estribos				
				Ø12,5 (kg)	Ø20 (kg)	Ø25 (kg)	Ø16 (kg)	Ø6,3 (kg)	Ø8 (kg)	Ø5 (kg)	Ø10 (kg)	(kg)
P03 e P46	135x30	29,8	3,64	151	0	0	0	80,2	0	0	0	231,2
P04, P05, P06, P07, P08 e P09	30x80	47,52	5,18	225,6	0	0	0	132	0	0	0	357,6
P10 e P11	30x60	12,96	1,3	61,2	0	0	0	28,2	0	0	0	89,4
P12	30x55	6,12	0,59	31,8	0	0	0	13,4	0	0	0	45,2
P13	30x60	6,48	0,65	37,7	0	0	0	14,1	0	0	0	51,8
P14	30x60	3,6	0,36	30	0	0	0	8,5	0	0	0	38,5
P15 e P16	30x60	7,2	0,72	49,8	0	0	0	17	0	0	0	66,8
P17	30x60	3,6	0,36	58	42,4	0	0	17,8	0	0	0	118,2
P19	30x60	3,6	0,36	0	0	181,5	127,9	0	43,9	0	0	353,3
P20	30x100	5,2	0,6	26,4	498,3	0	0	37,2	0	0	0	561,9
P27	30x80	7,92	0,86	40,8	0	0	0	22	0	0	0	62,8
P28	30x60	7,2	0,72	85	0	0	0	20,4	0	0	0	105,4
P29	30x60	7,2	0,72	84,9	0	0	0	31,4	0	0	0	116,3
P30	30x60	7,2	0,72	56,6	0	0	0	23,6	0	0	0	80,2
P31, P32, P34, P38 e P39	30x60	36	3,6	188,5	0	0	0	75,5	0	0	0	264
P33 e P50	30x60	14,4	1,44	0	0	0	94,8	26,4	0	0	0	121,2
P35 e P55	30x60	14,4	1,44	56,6	0	0	0	30,2	0	0	0	86,8
P36, P40, P41 e P56	30x60	28,8	2,88	122,4	0	0	0	60,4	0	0	0	182,8
P37 e P49	30x60	14,4	1,44	81,6	0	0	0	30,2	0	0	0	111,8
P42	30x80	8,8	0,96	20,4	52,3	0	0	23,6	0	0	0	96,3
P44 e P59	30x60	14,4	1,44	79,2	0	0	0	32,6	0	0	0	111,8
P45	30x100	5,2	0,6	0	0	123,3	251,8	0	95,7	0	0	470,8
P47	30x80	8,8	0,96	47,2	50,8	0	0	31,8	0	0	0	129,8
P48	30x50	6,4	0,6	37,7	0	0	0	13,6	0	0	0	51,3
P51	30x25	4,4	0,3	20,4	0	0	0	7,3	0	0	0	27,7
P52, P83 e P84	30x30	14,4	1,08	61,2	0	0	0	24	0	0	0	85,2
P53	30x30	4,8	0,36	0	50,3	0	0	6,7	0	0	0	57
P54	30x40	5,6	0,48	30,6	0	0	0	12,2	0	0	0	42,8
P57	30x80	8,8	0,96	51	0	0	0	28,1	0	0	0	79,1
P60	30x100	5,2	0,6	0	38	123,3	228,8	0	95,7	0	0	485,8
P64	45x30	5,4	0,49	0	56,5	0	63,2	16,9	0	0	0	136,6
P65	50x30	5,76	0,54	9,4	56,2	0	0	12,7	0	0	0	78,3
P66	50x30	5,76	0,54	10,2	56,2	0	0	12,7	0	0	0	79,1
P67	30x30	4,32	0,32	0	0	87,9	0	0	9,9	0	0	97,8
P68	30x30	4,32	0,32	0	0	0	34,7	6,4	0	0	0	41,1
P69 e P72	30x30	8,64	0,65	37,8	100,6	0	0	15	0	0	0	153,4
P70	30x30	4,32	0,32	0	52,3	0	0	6,1	0	0	0	58,4
P71	30x30	4,32	0,32	0	0	0	33,5	6,4	0	0	0	39,9
P73	30x30	4,32	0,32	0	0	80,9	0	0	9,9	0	0	90,8
P74	30x60	3,6	0,36	33,2	0	0	0	8,5	0	0	0	41,7
P75	30x80	4,4	0,48	24,9	42,4	0	0	36,5	0	0	0	103,8
P77	60x30	3,6	0,36	0	0	181,5	68,6	0	30,2	0	0	280,3
P78	30x100	5,2	0,6	24,8	531,7	0	0	45,8	0	0	0	602,3
PA04, PA07, PA09, PA10 e PA13	645x20	299,5	29,05	1085,5	0	0	0	0	0	483	0	1568,5
PA05, PA06, PA11 e PA12	292x20	112,4	10,52	415,2	0	0	0	0	0	182,4	0	597,6
PA08	645x20	59,9	5,81	0	0	0	363,1	0	0	96,6	136,3	596
PA14 e PA15	317x20	60,6	5,7	226,6	0	0	0	0	0	98,6	0	325,2
Total		946,76	92,62	3603,20	1628,00	778,40	1266,40	1015,40	285,30	860,60	136,30	9573,60

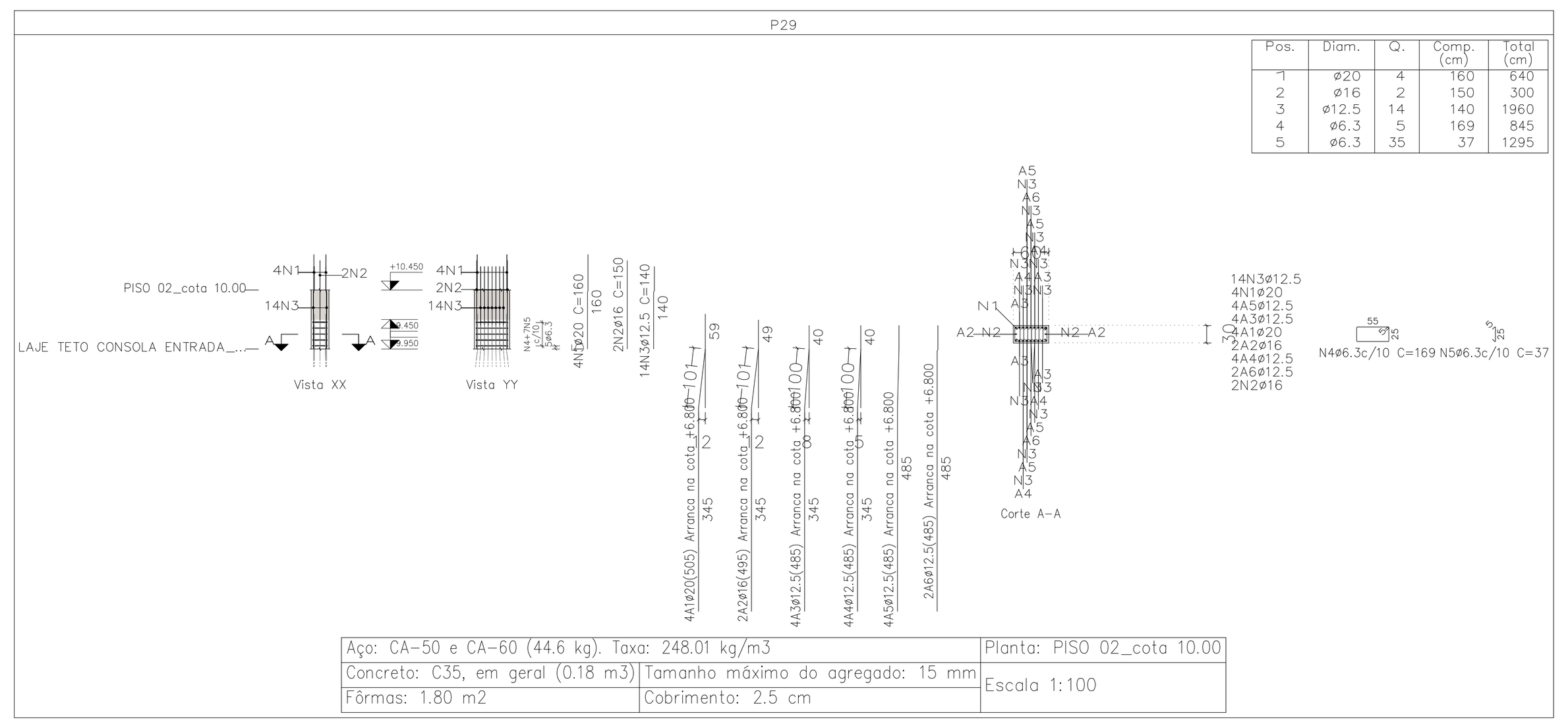


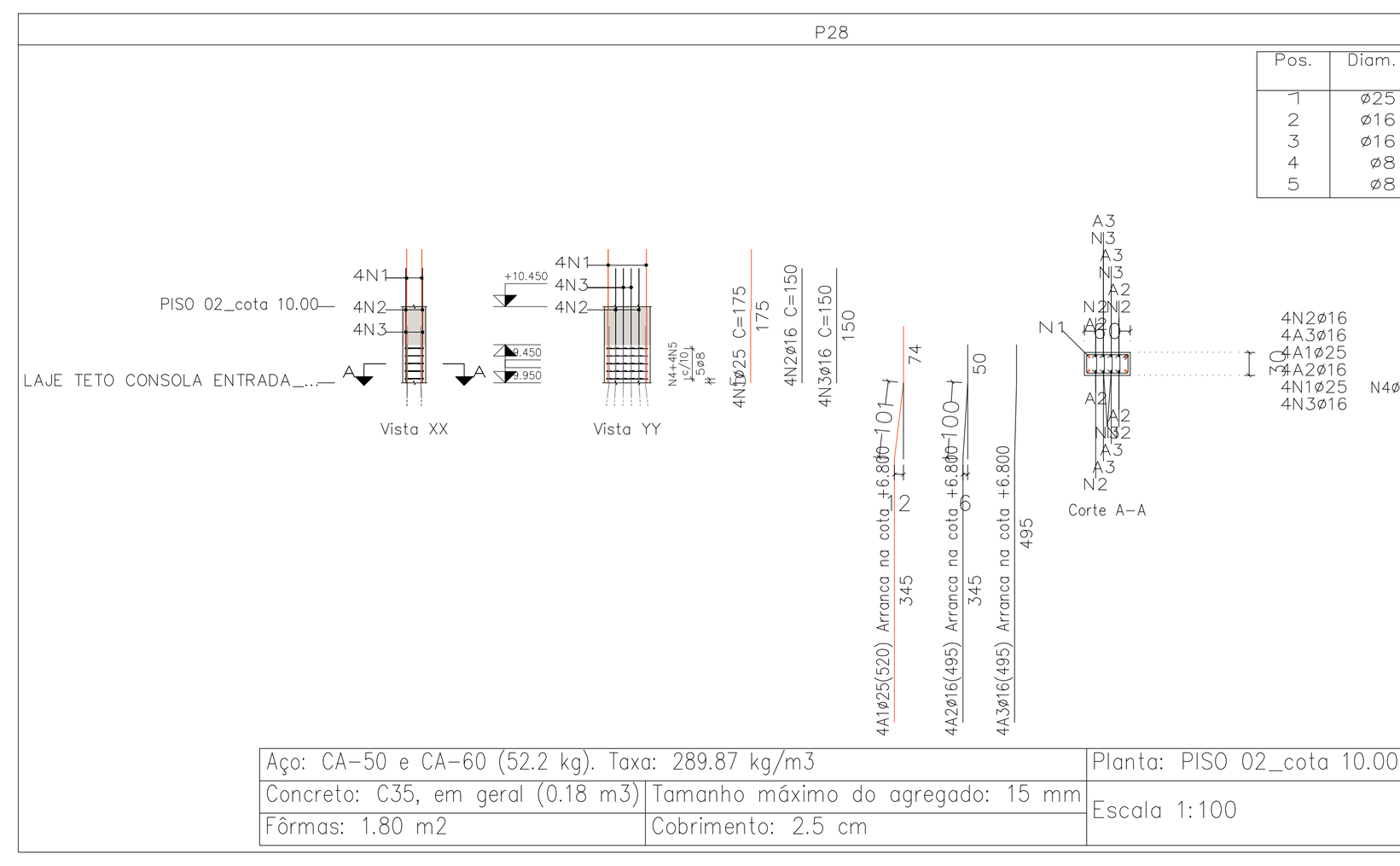








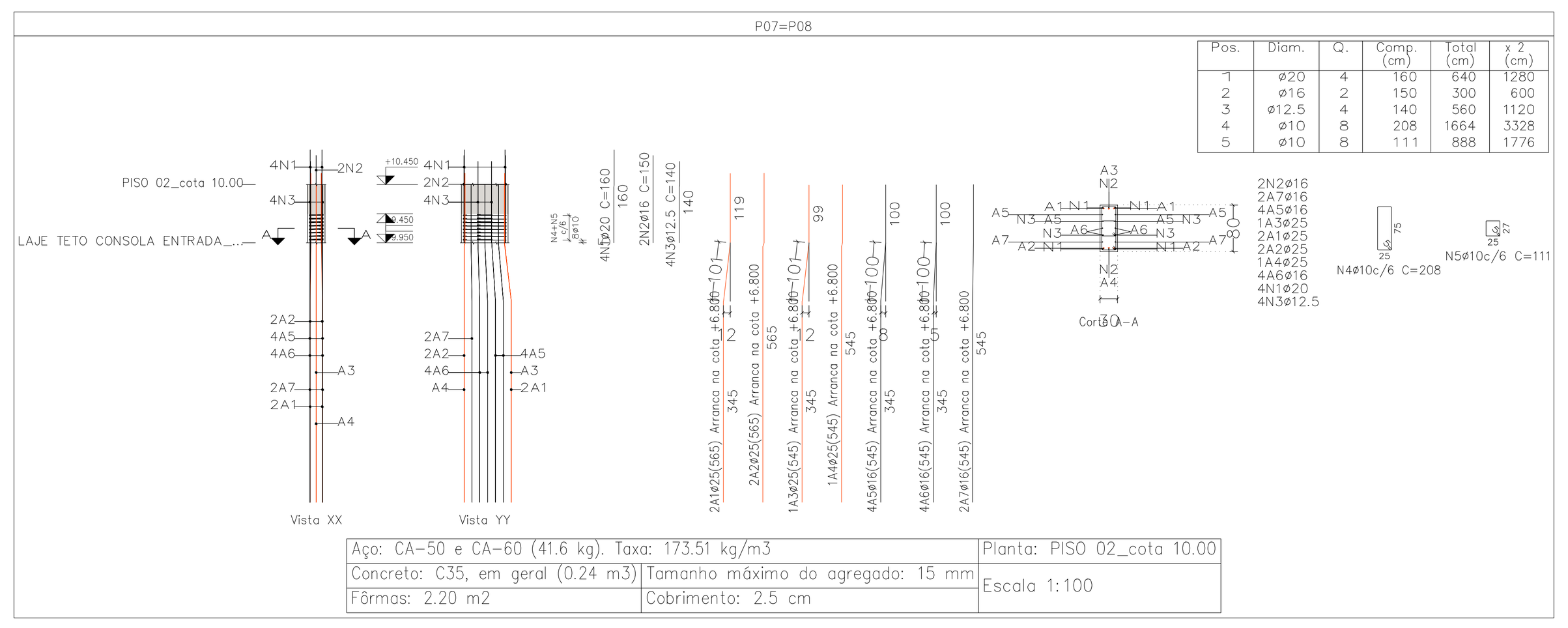


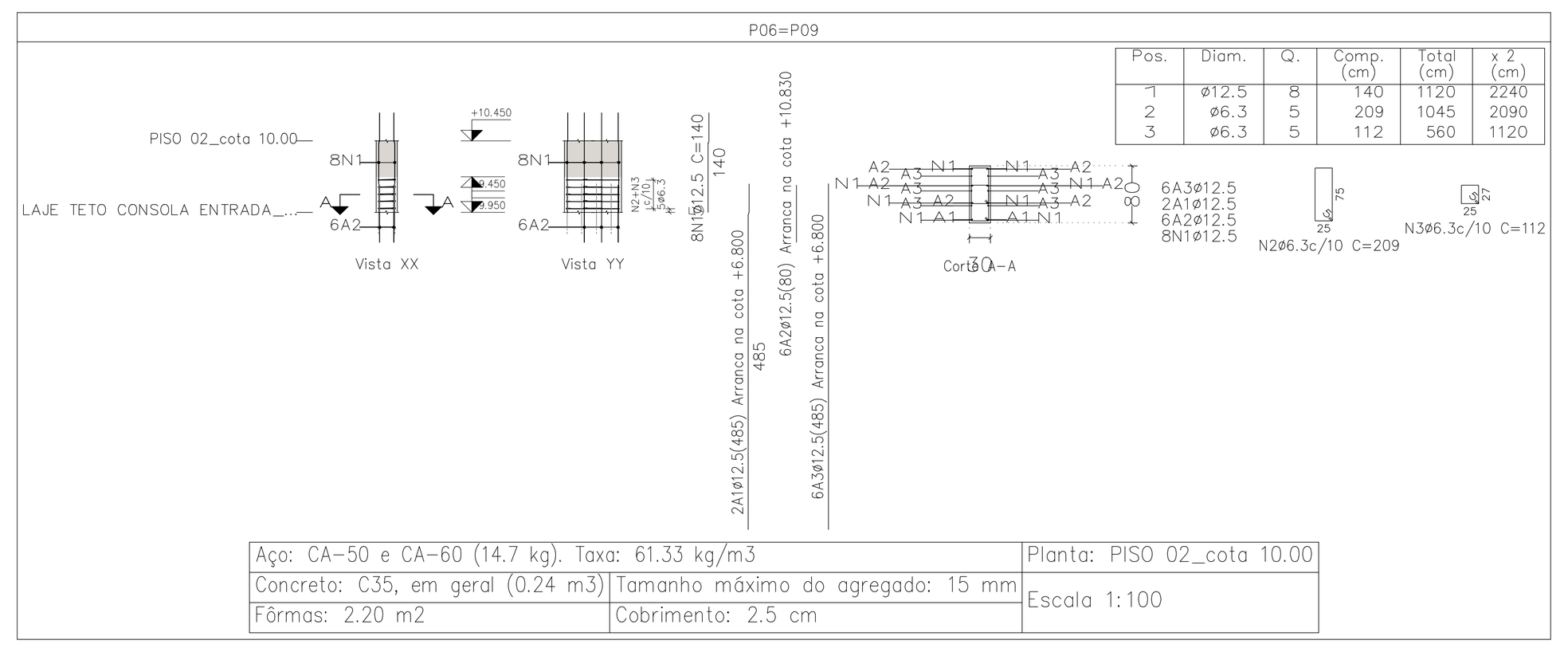


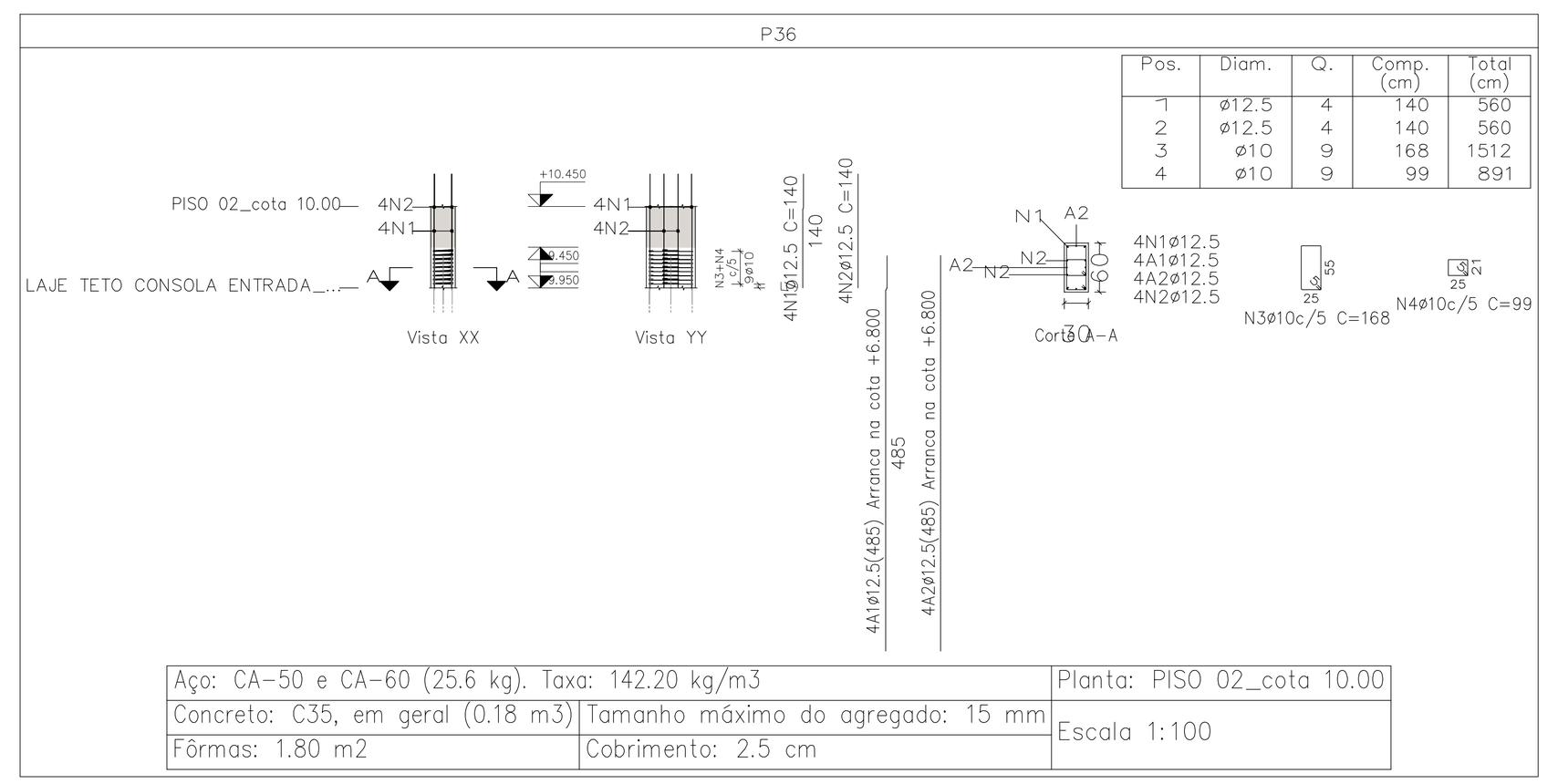
Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
PA04=PA07=PA09 PA10=PA13	1	ø12.5	46		140		140	6440	62.0	
	2	ø5	22	15	639	15	669	14718		23.1
								Total:	62.0	23.1
								(x5):	310.0	115.5
PA08	3	ø16	46		150		150	6900	108.9	
	4	ø5	22	15	639	15	669	14718		23.1
	5	ø10	231				40	9240	56.9	
								Total:	165.8	23.1
PA05=PA06=PA11 PA12	6	ø12.5	22		140		140	3080	29.7	
	7	ø5	22	15	286	15	316	6952		10.9
								Total:	29.7	10.9
								(x4):	118.8	43.6
PA14=PA15	8	ø12.5	24		140		140	3360	32.4	
	9	ø5	22	15	311	15	341	7502		11.8
								Total:	32.4	11.8
								(x2):	64.8	23.6
P03	10	ø20	10		160		160	1600	39.5	
	11	ø16	10		150		150	1500	23.7	
	12	ø12.5	22	24	128	24	176	3872	37.3	
								Total:	100.5	
P46	13	ø12.5	16		140		140	2240	21.6	
	14	ø6.3	22	24	130	24	178	3916	9.6	
								Total:	31.2	
PA03	15	ø10	17	33	97		130	2210	13.6	
	16	ø12.5	17	43	97		140	2380	22.9	
	17	ø8	11	14	231	14	259	2849	11.2	
	18	ø10	11	14	230	14	258	2838	17.5	
								Total:	65.2	
PA02	19	ø10	48	33	97		130	6240	38.5	
	20	ø16	22	13	230	13	256	5632	88.9	
								Total:	127.4	
								ø5:	0.0	205.8
								ø12.5:	575.4	0.0
								Total:	983.7	205.8

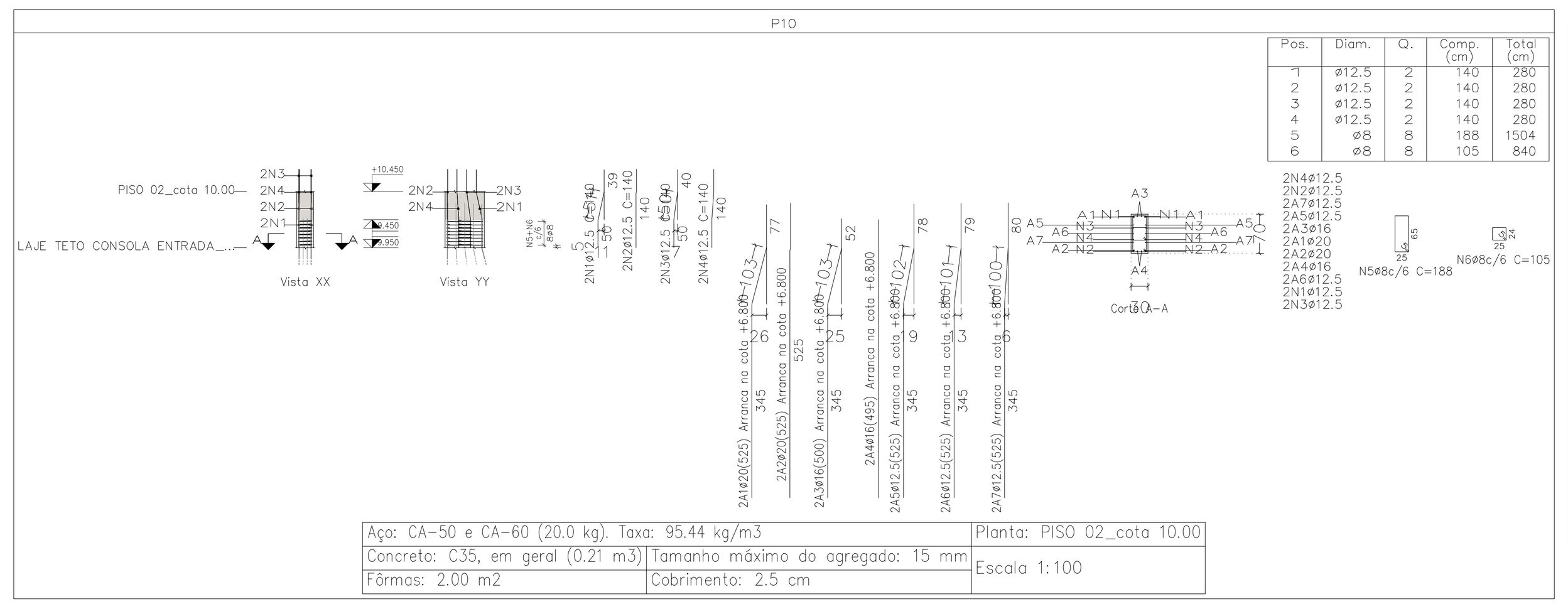
Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P35	1	ø12.5	6	97 40	140	840	8.1	
	2	ø12.5	2	140	140	280	2.7	
	3	ø6.3	5	55 25	169	845	2.1	
	4	ø6.3	5	5 25	37	185	0.5	
						Total:	13.4	
P36	1	ø12.5	4	97 40	140	560	5.4	
	2	ø12.5	4	140	140	560	5.4	
	3	ø10	9	55 25	168	1512	9.3	
	4	ø10	9	21 25	99	891	5.5	
						Total:	25.6	
P61	1	ø12.5	14	98	98	1372	13.2	
	2	ø10	9	35 53	184	1656	10.2	
	3	ø10	36	5 35	47	1692	10.4	
	4	ø10	9	5 53	65	585	3.6	
						Total:	37.4	

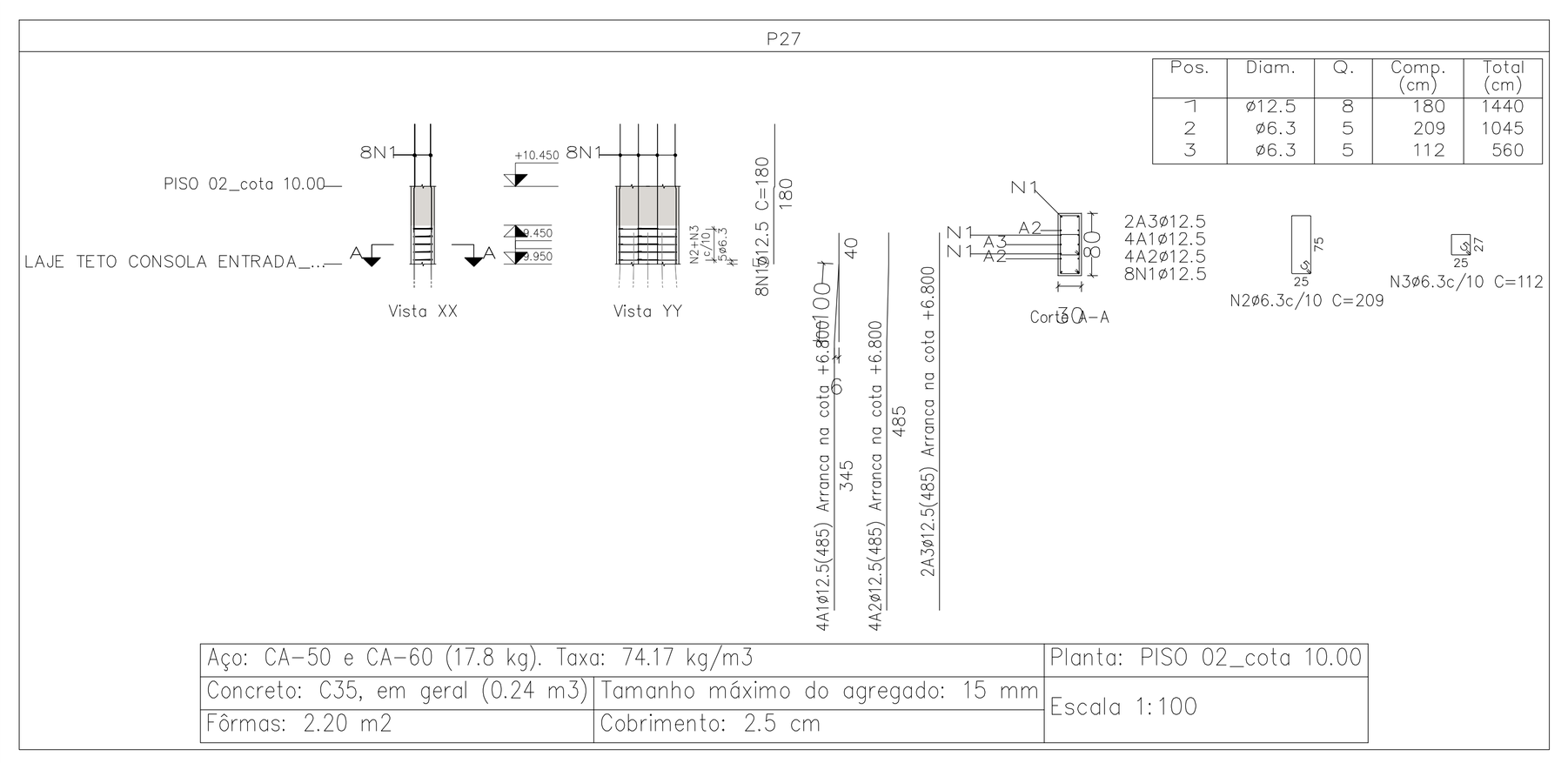
Elemento	Pos.	Diam.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P04	1	ø20	2	50 51 64	165	330	8.1	
	2	ø20	2	95 60	160	320	7.9	
	3	ø16	2	50 51 49	150	300	4.7	
	4	ø16	2	150	150	300	4.7	
	5	ø12.5	2	50 50 40	140	280	2.7	
	6	ø12.5	2	50 50 40	140	280	2.7	
	7	ø6.3	9	85 25	229	2061	5.0	
	8	ø6.3	9	30 25	118	1062	2.6	
	9	ø6.3	18	5 85	97	1746	4.3	
						Total:	42.7	
P05	1	ø20	4	95 60	160	640	15.8	
	2	ø20	4	160	160	640	15.8	
	3	ø12.5	4	97 40	140	560	5.4	
	4	ø6.3	8	75 25	209	1672	4.1	
	5	ø6.3	8	26 25	112	896	2.2	
	6	ø6.3	16	5 75	88	1408	3.4	
						Total:	46.7	
P06=P09	1	ø12.5	8	97 40	140	1120	10.8	
	2	ø6.3	5	75 25	209	1045	2.6	
	3	ø6.3	5	27 25	112	560	1.4	
						Total:	14.8	
						(x2):	29.6	
P07=P08	1	ø20	4	95 60	160	640	15.8	
	2	ø16	2	150	150	300	4.7	
	3	ø12.5	4	97 40	140	560	5.4	
	4	ø10	8	75 25	208	1664	10.3	
	5	ø10	8	27 25	111	888	5.5	
						Total:	41.7	
						(x2):	83.4	
P10	1	ø12.5	2	50 51 39	140	280	2.7	
	2	ø12.5	2	97 40	140	280	2.7	
	3	ø12.5	2	50 50 40	140	280	2.7	
	4	ø12.5	2	50 50 40	140	280	2.7	
	5	ø8	8	65 25	188	1504	5.9	
	6	ø8	8	24 25	105	840	3.3	
						Total:	20.0	
P11	1	ø12.5	6	97 80	180	1080	10.4	
	2	ø10	8	55 25	168	1344	8.3	
	3	ø10	8	5 25	37	296	1.8	
						Total:	20.5	
P27	1	ø12.5	8	97 80	180	1440	13.9	
	2	ø6.3	5	75 25	209	1045	2.6	
	3	ø6.3	5	27 25	112	560	1.4	
						Total:	17.9	
P28	1	ø25	4	94 75	175	700	27.0	
	2	ø16	4	150	150	600	9.5	
	3	ø16	4	96 4 50	150	600	9.5	
	4	ø8	5	55 25	169	845	3.3	
	5	ø8	20	5 25	37	740	2.9	
						Total:	52.2	
P29	1	ø20	4	95 60	160	640	15.8	
	2	ø16	2	150	150	300	4.7	
	3	ø12.5	14	97 40	140	1960	18.9	
	4	ø6.3	5	55 25	169	845	2.1	
	5	ø6.3	35	5 25	37	1295	3.2	
						Total:	44.7	
P31	1	ø12.5	4	50 50 40	140	560	5.4	
	2	ø12.5	4	50 50 40	140	560	5.4	
	3	ø12.5	2	97 40	140	280	2.7	
	4	ø6.3	5	65 25	189	945	2.3	
	5	ø6.3	5	34 25	126	630	1.5	
	6	ø6.3	5	5 25	37	185	0.5	
						Total:	17.8	
P32	1	ø12.5	4	50 50 40	140	560	5.4	
	2	ø12.5	4	50 50 40	140	560	5.4	
	3	ø12.5	2	97 40	140	280	2.7	
	4	ø6.3	5	65 25	189	945	2.3	
	5	ø6.3	5	34 25	126	630	1.5	
	6	ø6.3	5	5 25	37	185	0.5	
						Total:	17.8	
P33	1	ø16	4	50 50 50	150	600	9.5	
	2	ø12.5	4	50 50 50	150	600	5.8	
	3	ø6.3	5	65 25	189	945	2.3	
	4	ø6.3	5	23 25	105	525	1.3	
						Total:	18.9	
						ø5:	0.0	0.0
						ø6.3:	53.7	0.0
						ø8:	15.4	0.0
						ø10:	80.7	0.0
						ø12.5:	164.8	0.0
						ø16:	52.0	0.0
						ø20:	95.0	0.0
						ø25:	27.0	0.0
						Total:	488.6	0.0

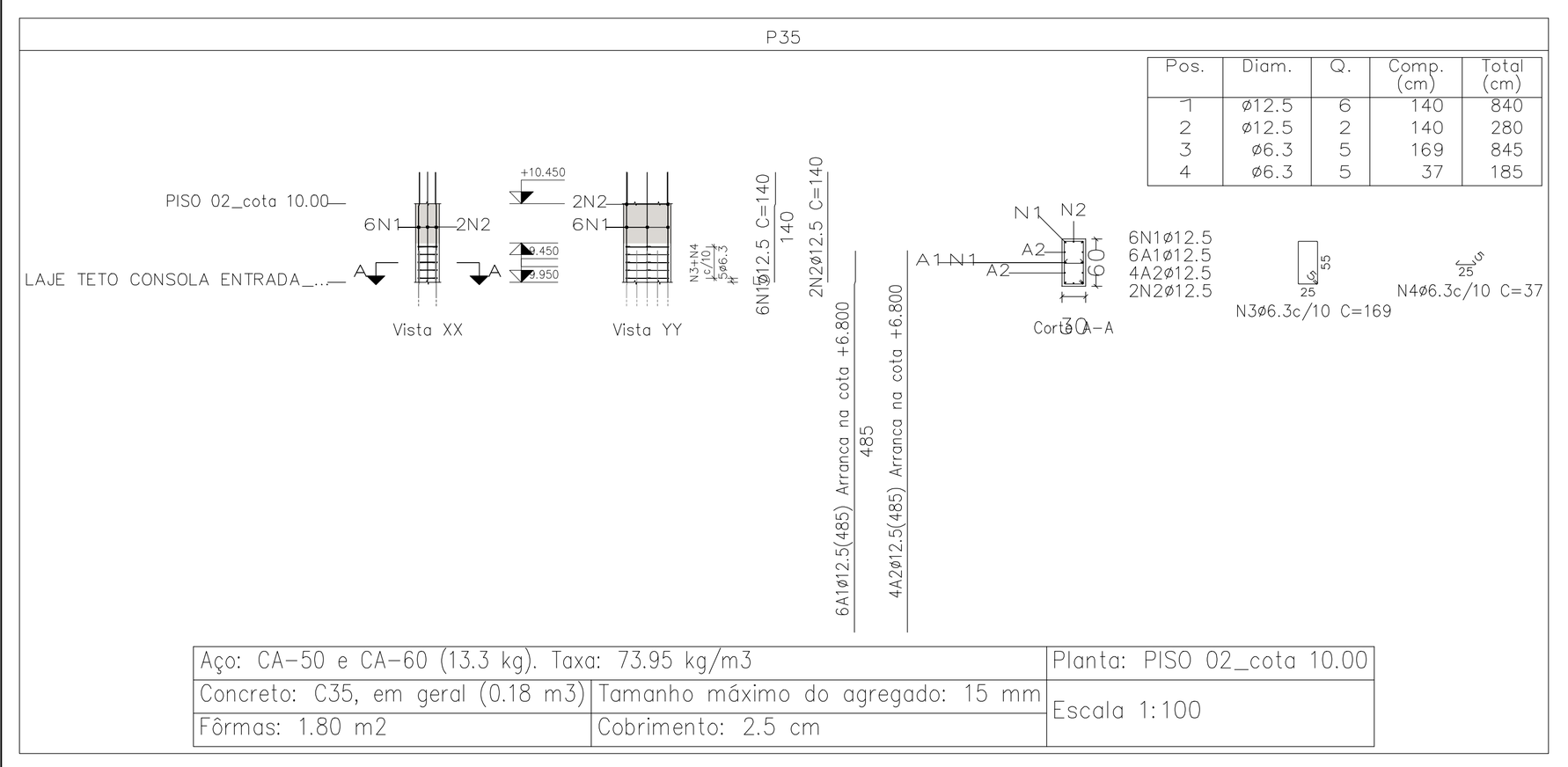


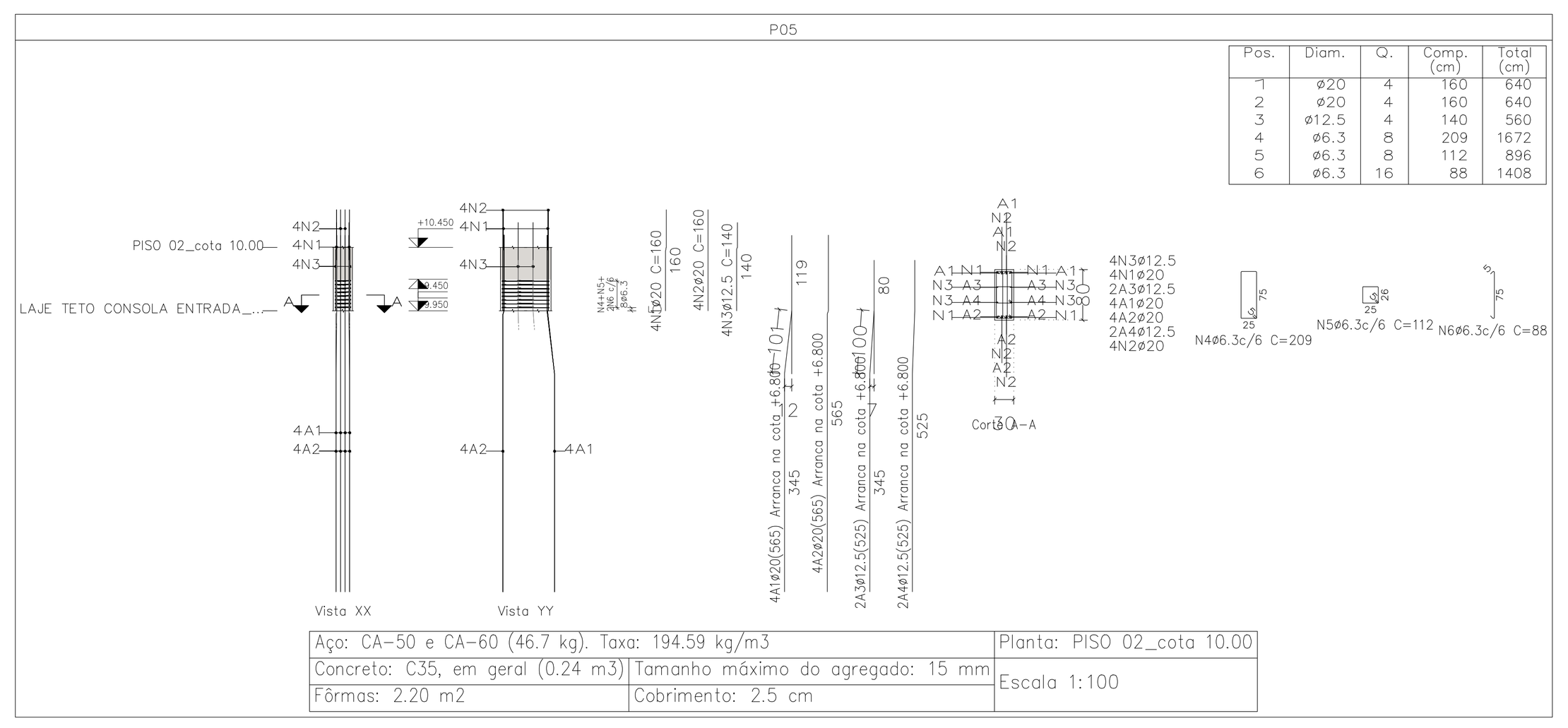


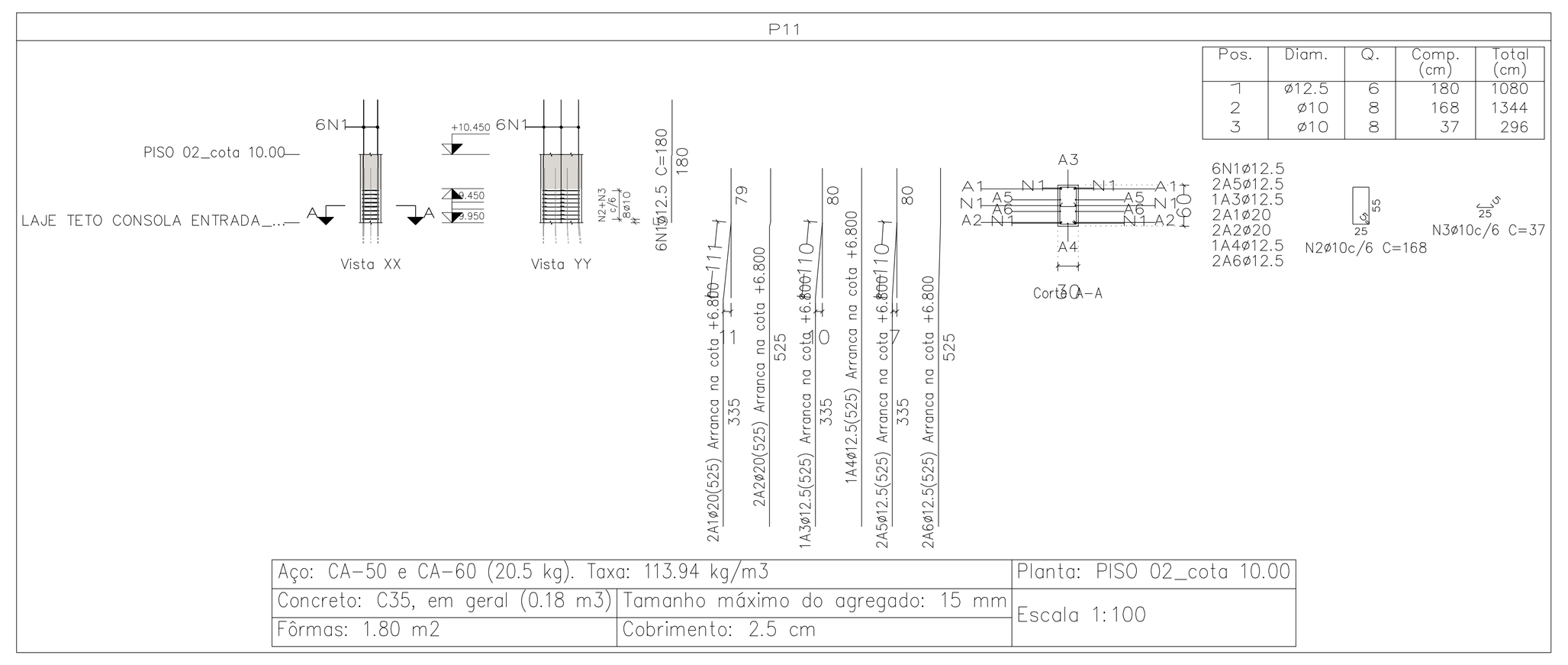


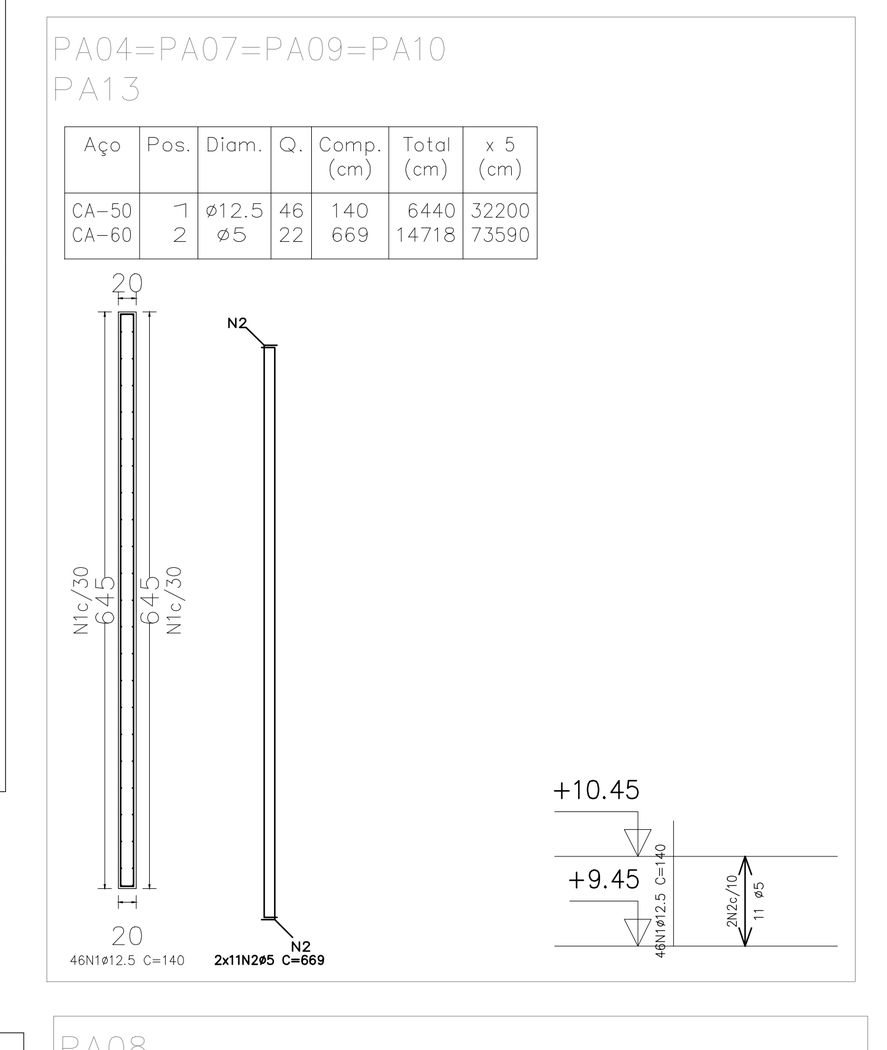


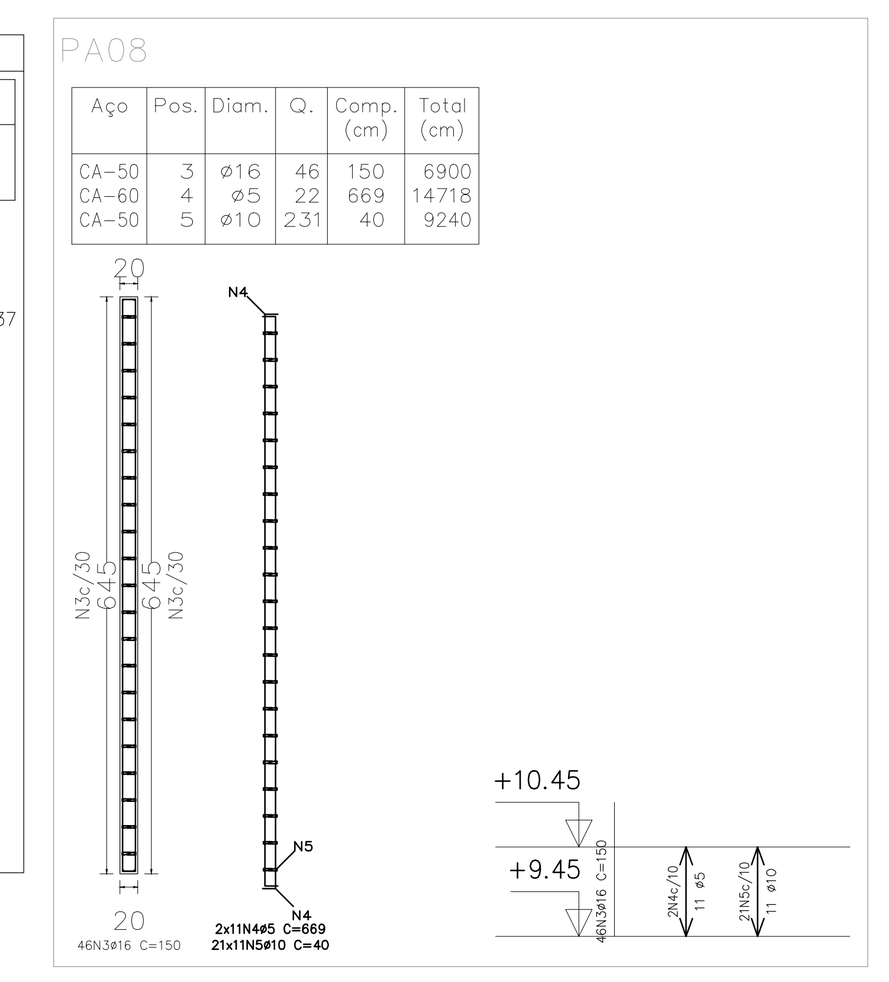


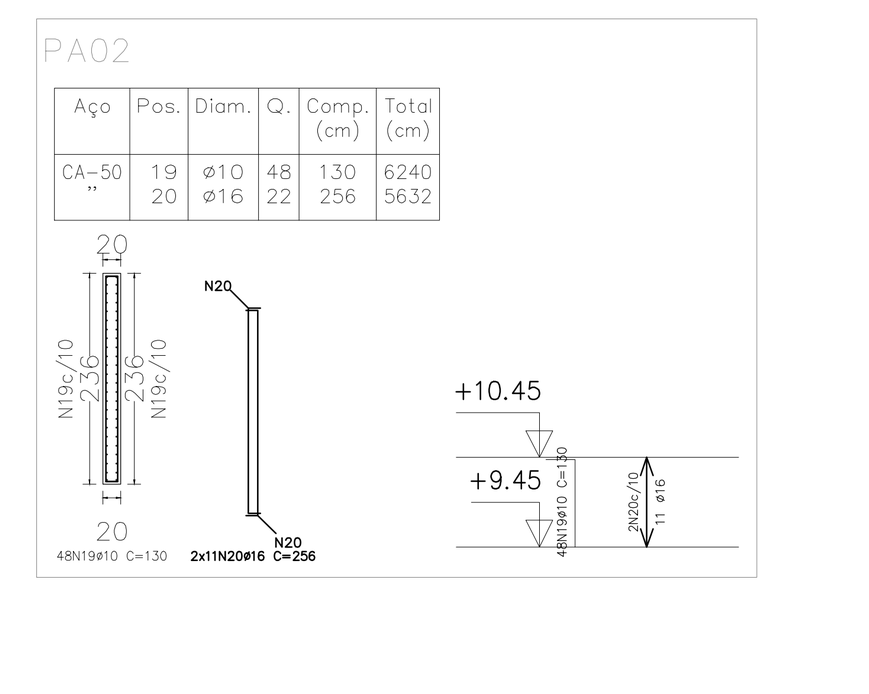


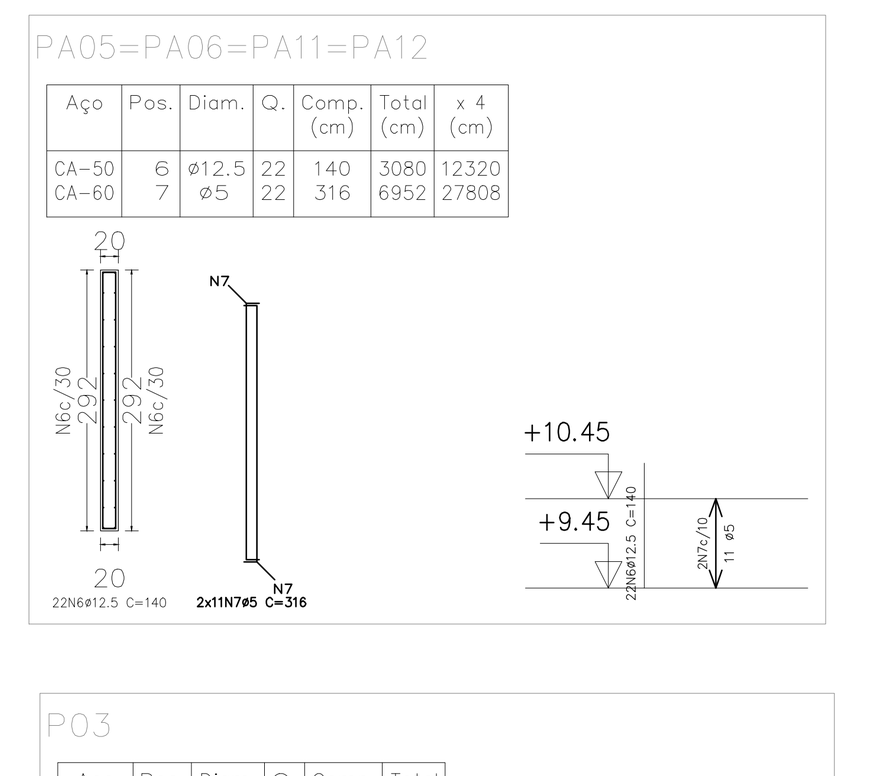


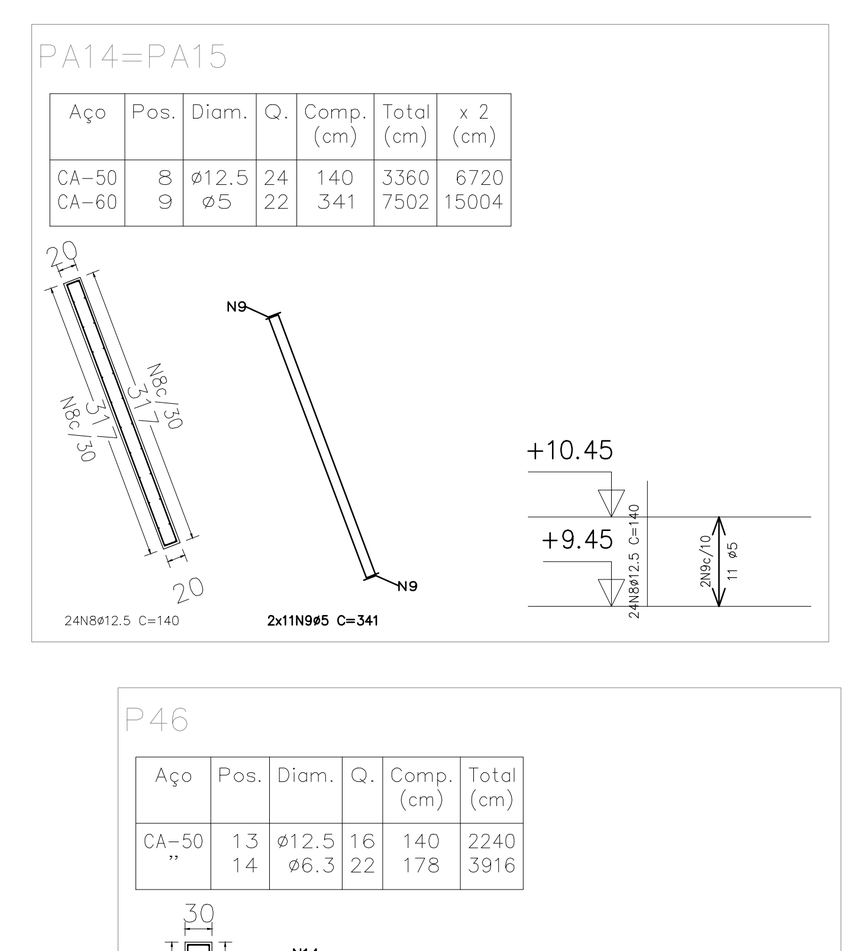


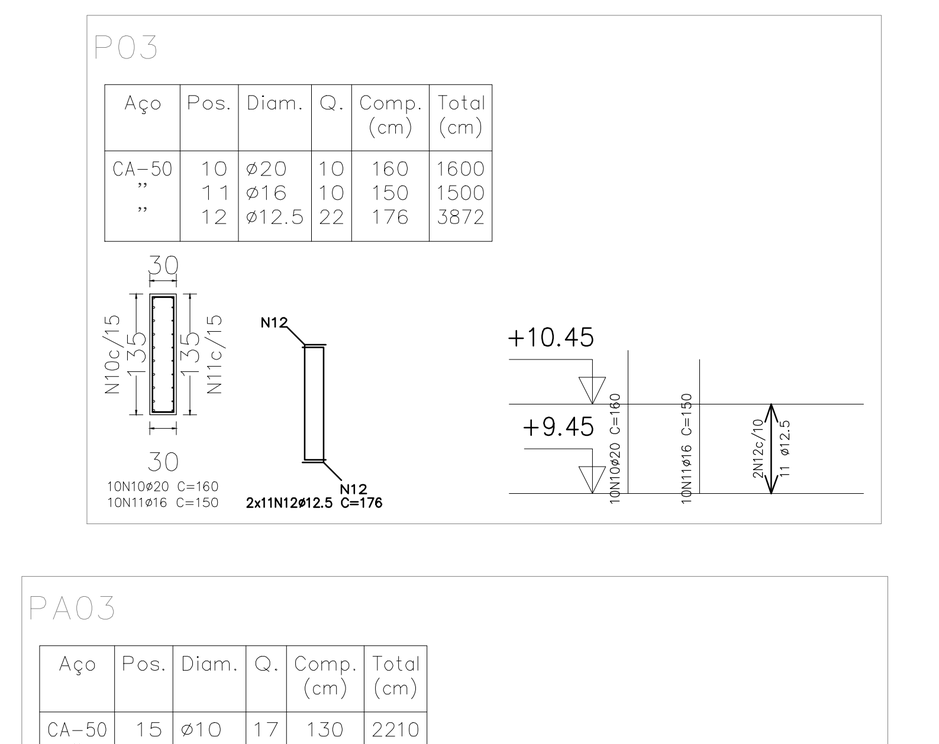


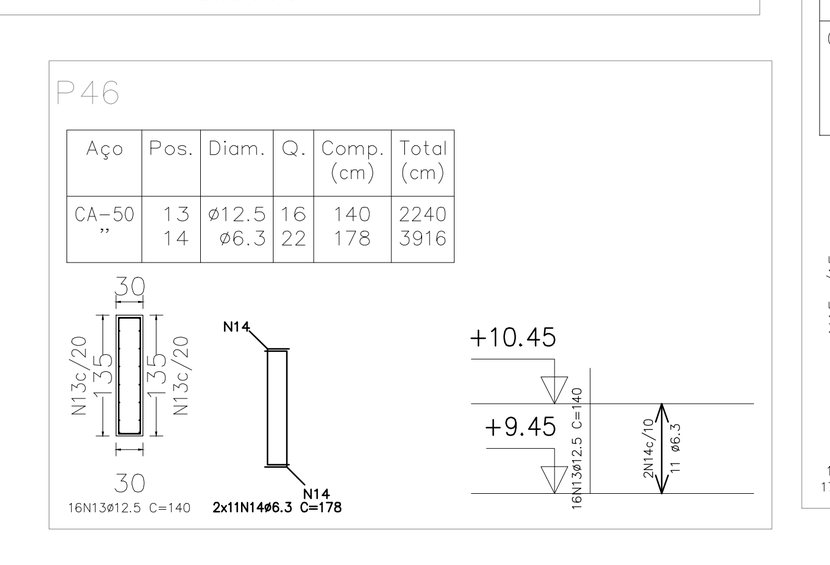


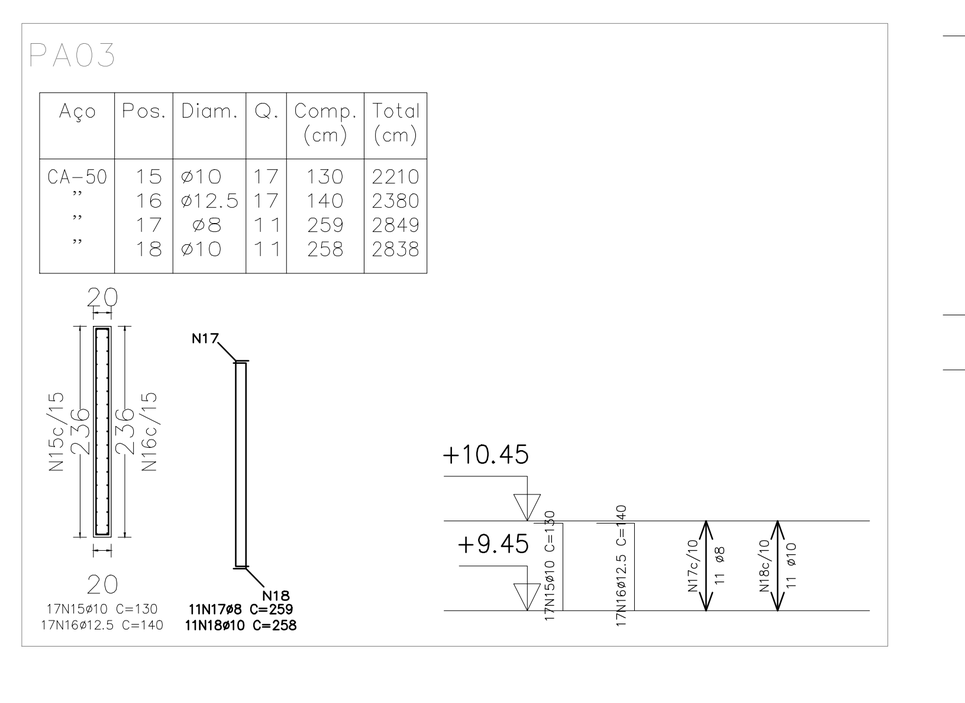












VERSÃO	DATA	DES.	VER.	APR.	DESCRIÇÃO
03	05/2022	D.N.	S.F.	S.F.	REVISÃO GERAL
02	03/2022	D.N.	S.F.	S.F.	REVISÃO GERAL
01	10/2021	S.F.	S.F.	S.F.	REVISÃO GERAL
00	08/2021	S.F.	S.F.	S.F.	EMISSÃO INICIAL

RESPONSÁVEIS TÉCNICOS:
COORDENADOR ARQUITETURA: Arq.to Marlon Vinícius Lima, CAU: A96639-8, RRT: SI11003675I00CT001
COORDENADOR ENGENHARIA: Eng. Samuel Isaque P. Ferreira, CREA: 5070546180, ART: 28027230211051413
RESPONSÁVEL PELO PROJETO: Eng. Samuel Isaque P. Ferreira, CREA: 5070546180, ART: 28027230211051413

CONTRATADA: INPLENITUS
Projetos, Gerenciamento e Fiscalização de Obras Ltda.
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Assunto: **CONSTRUÇÃO DO HOSPITAL GERAL DE ARUJÁ**

Projeto: CONSTRUÇÃO

Disciplina: ESTRUTURA

Etapa: PROJETO EXECUTIVO

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