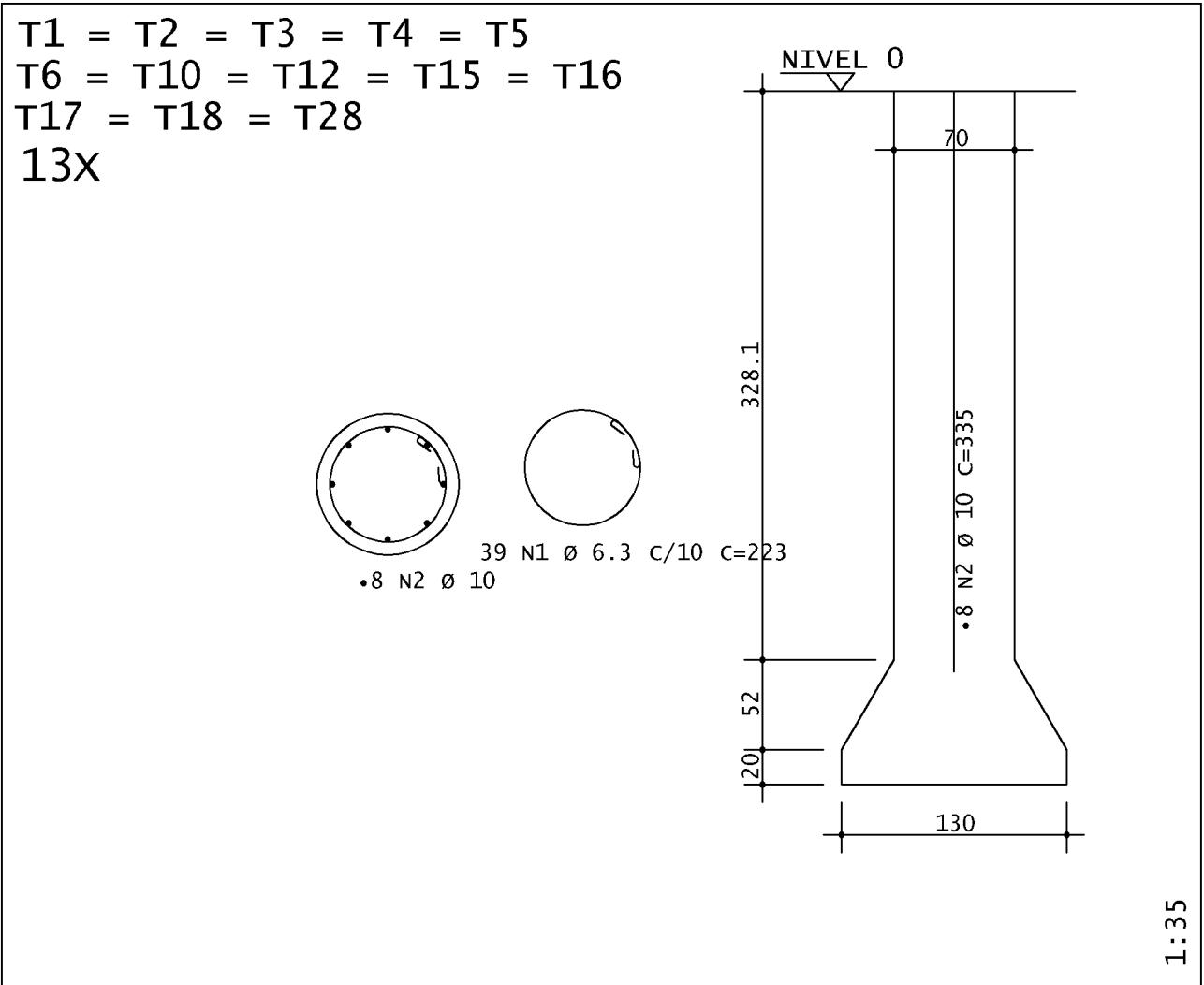
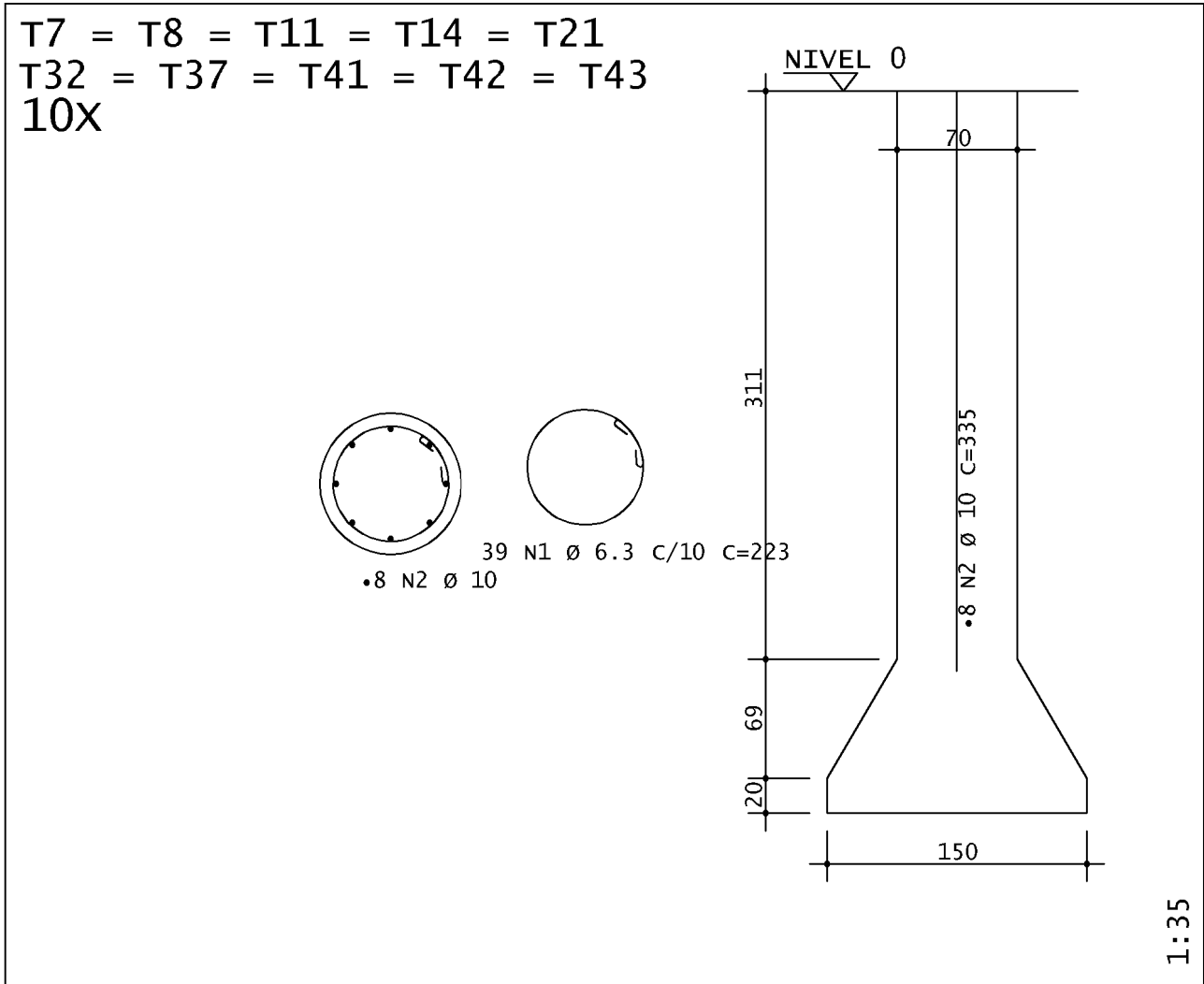
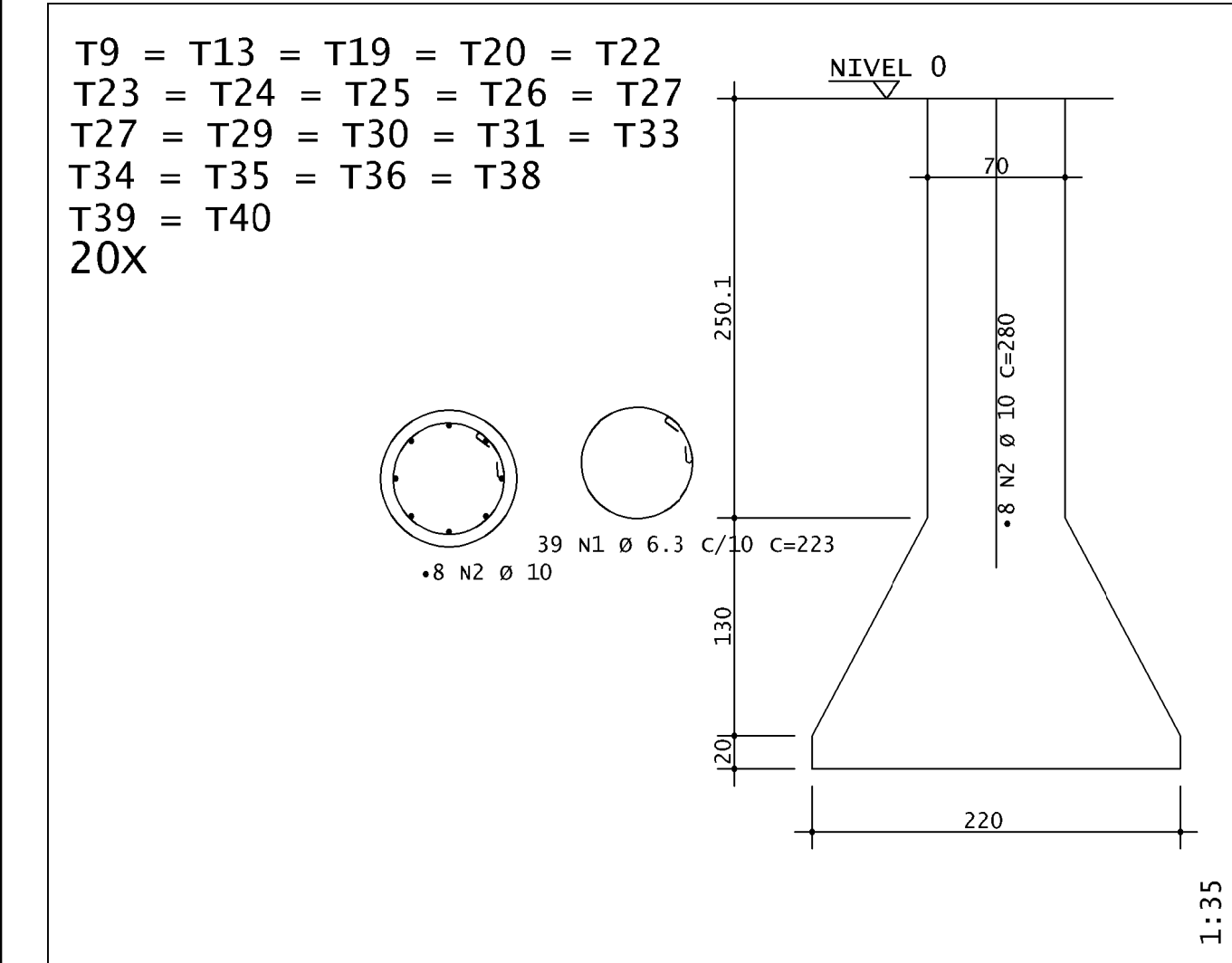
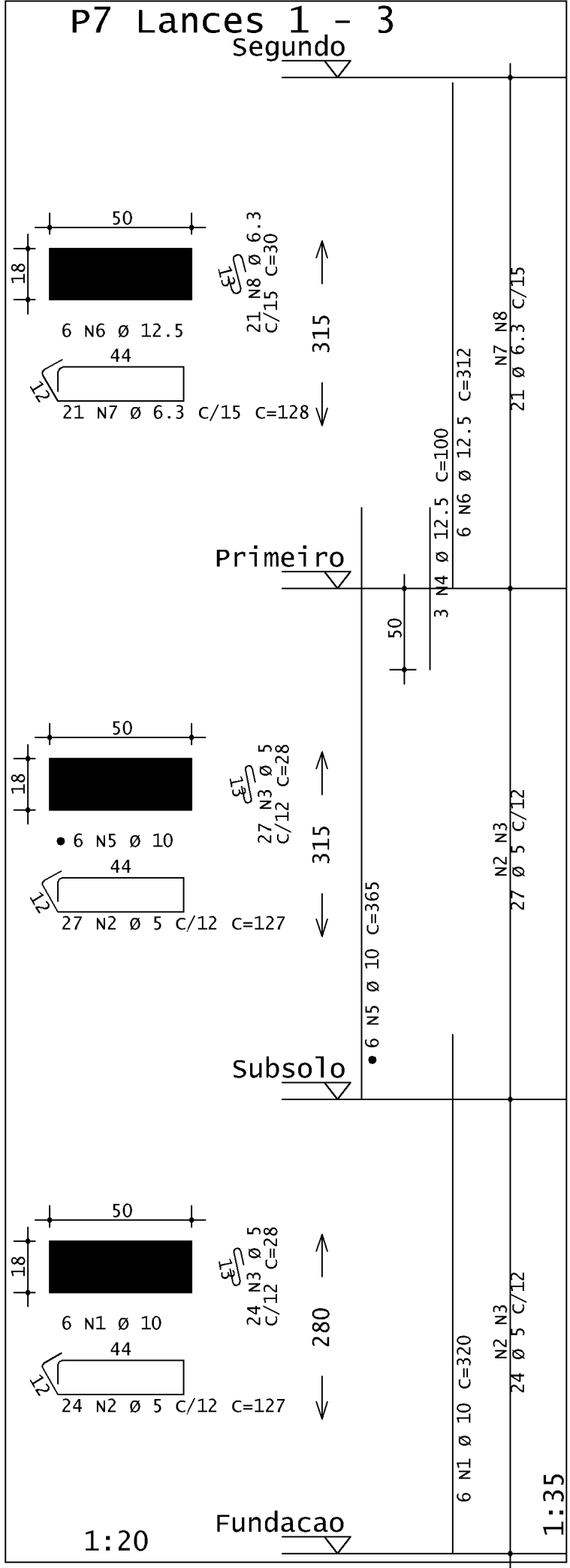
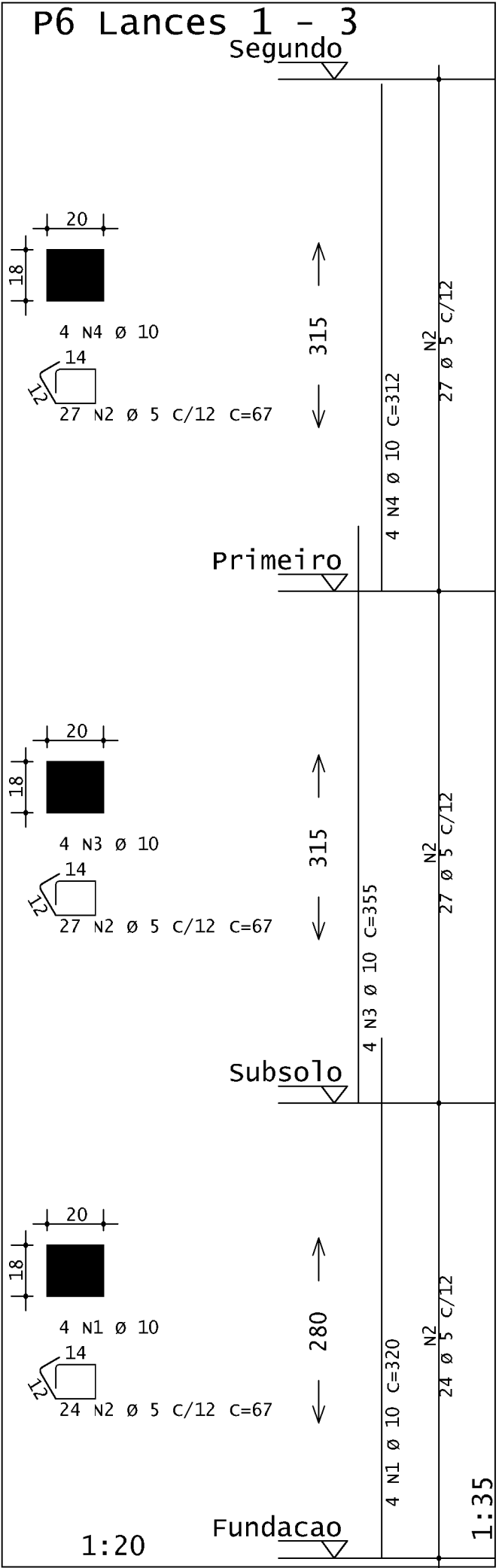
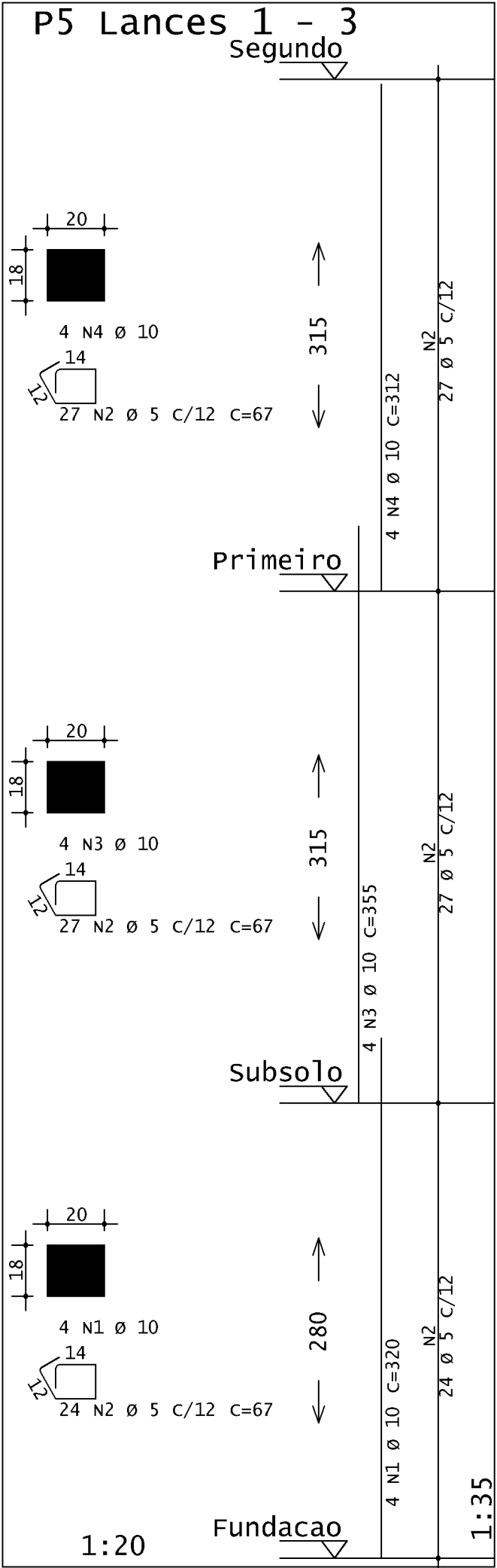
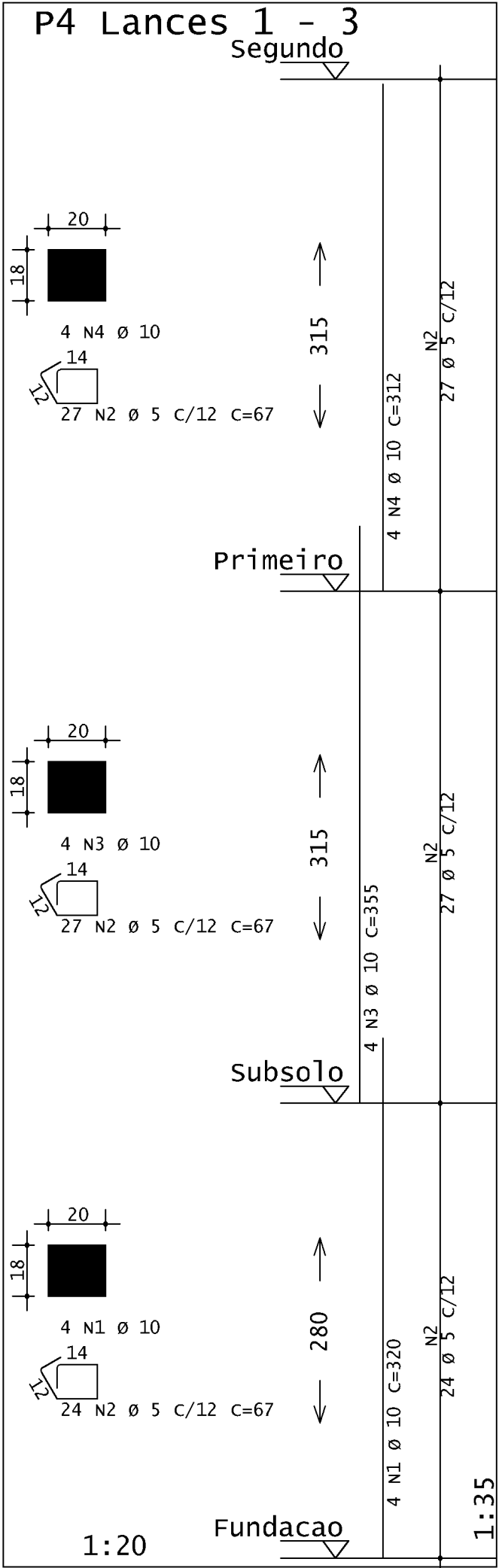
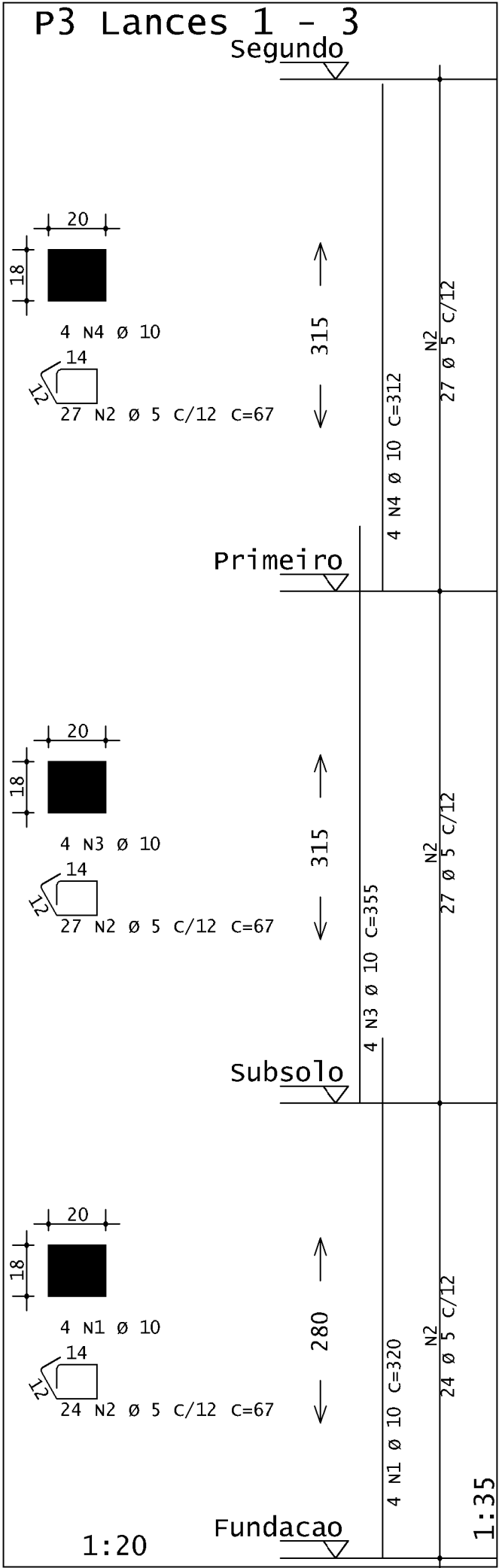
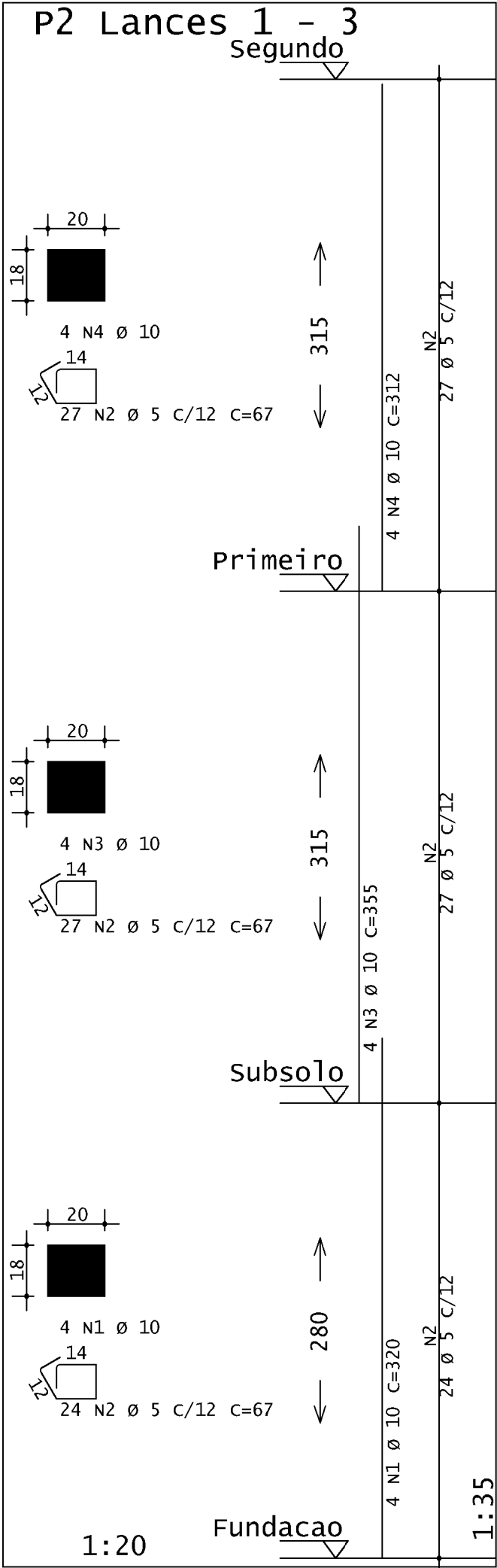
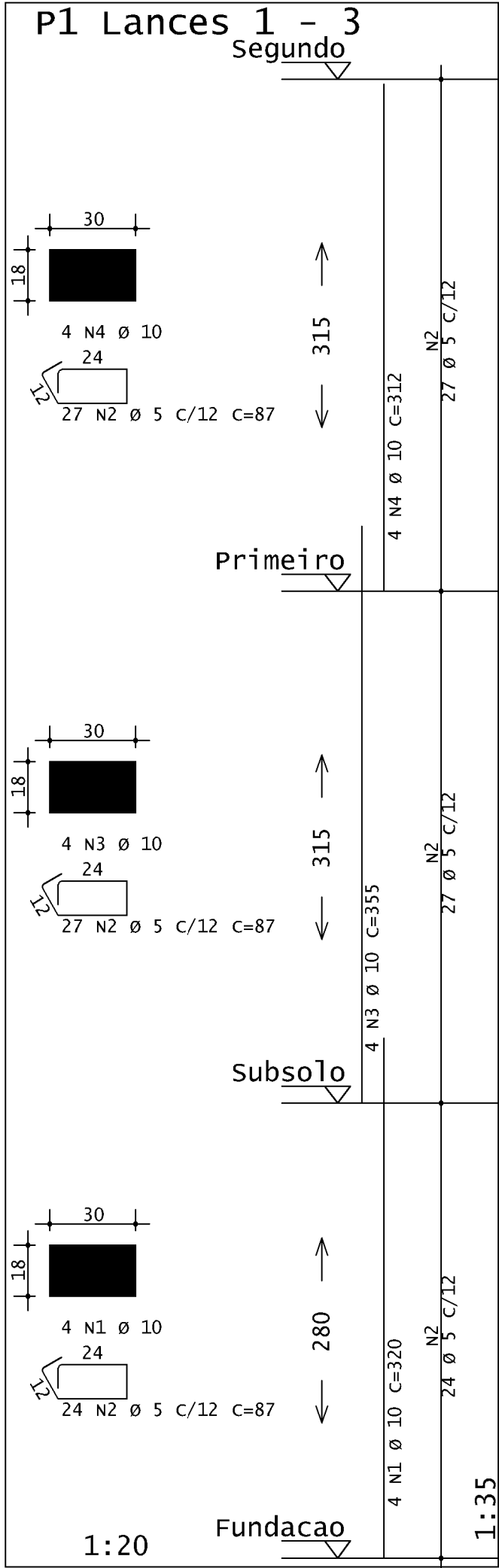


ACO	POS	BIT	QUANT	COMPIMENTO	UNIT	TOTAL
		mm		cm	cm	
T17 = T18 = T28 (X13)						
50A	1	6.3	507	223	113061	
50A	2	10	104	335	34840	
T32 = T37 = T41 = T42 = T43 (X10)						
50A	1	6.3	390	223	86970	
50A	2	10	80	335	26800	
T34 = T35 = T36 = T38 (X20)						
50A	1	6.3	780	223	173940	
50A	2	10	160	280	44800	

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
50A	6.3	3740	916
50A	10	1064	657
Peso Total	50A	=	1573 kgf



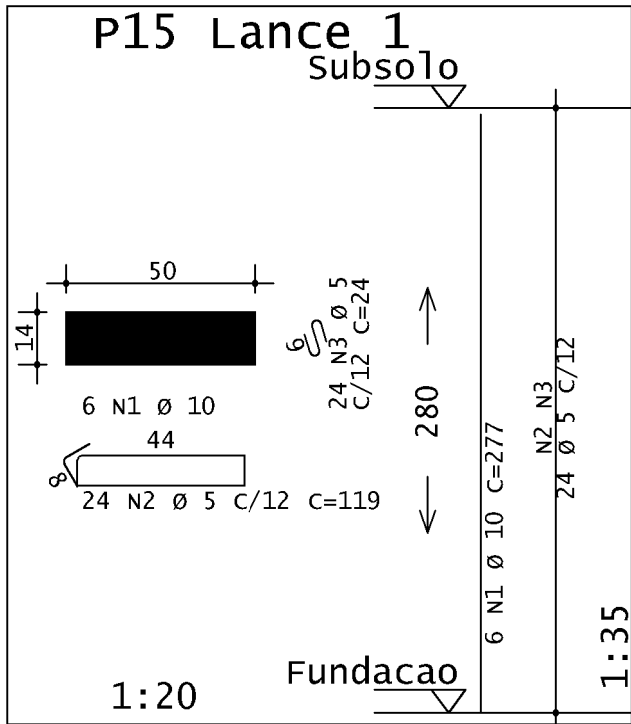
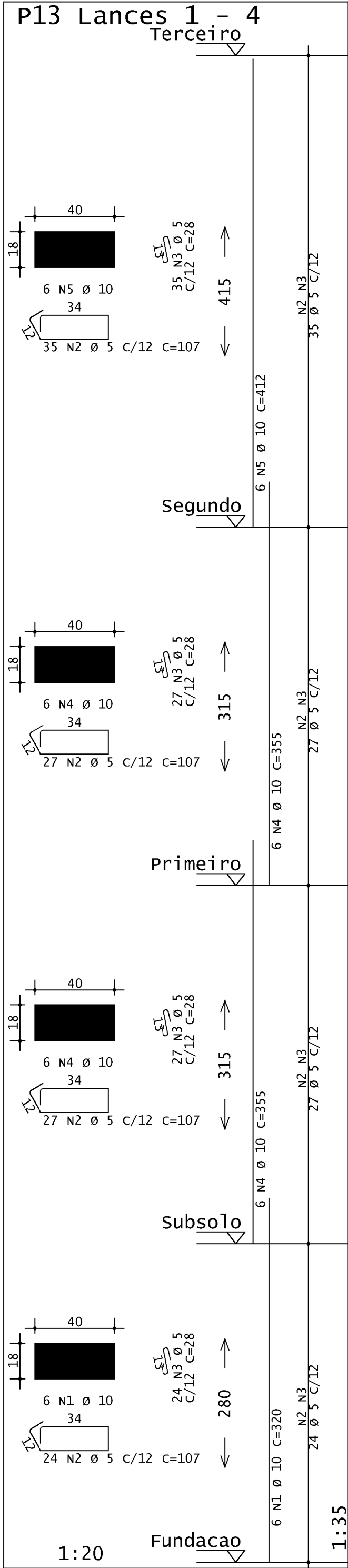
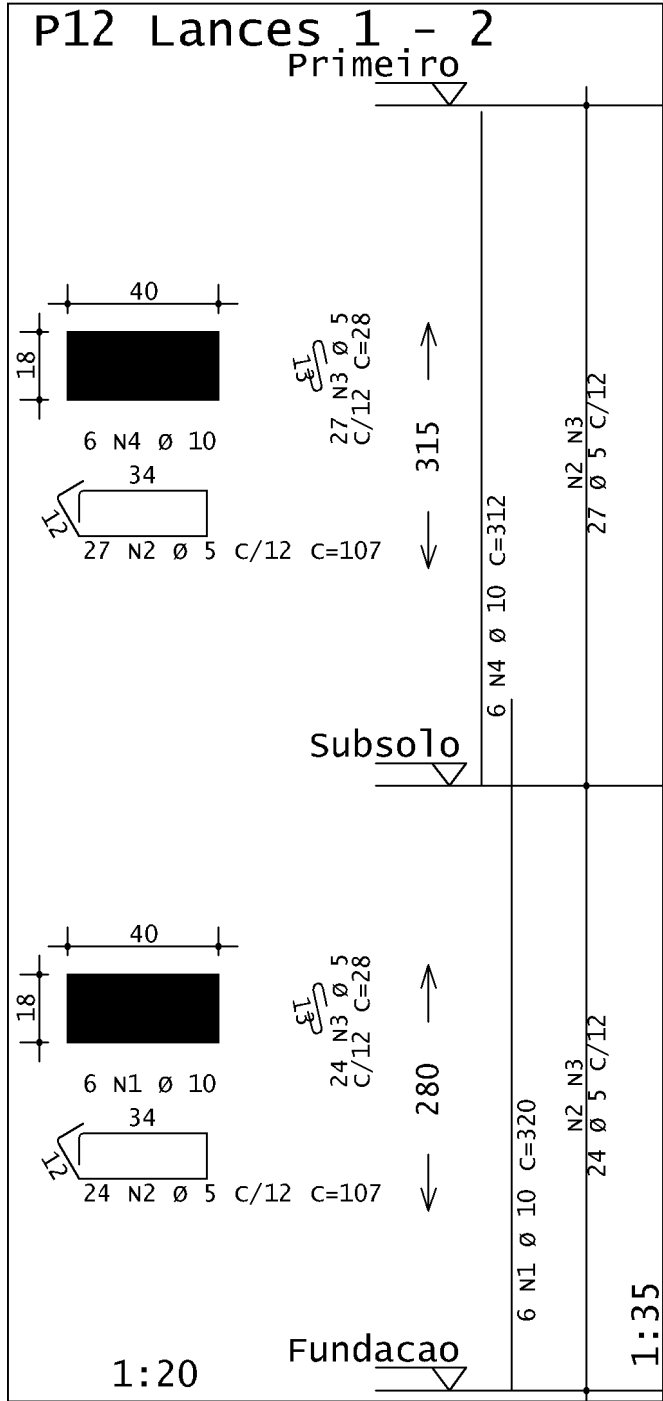
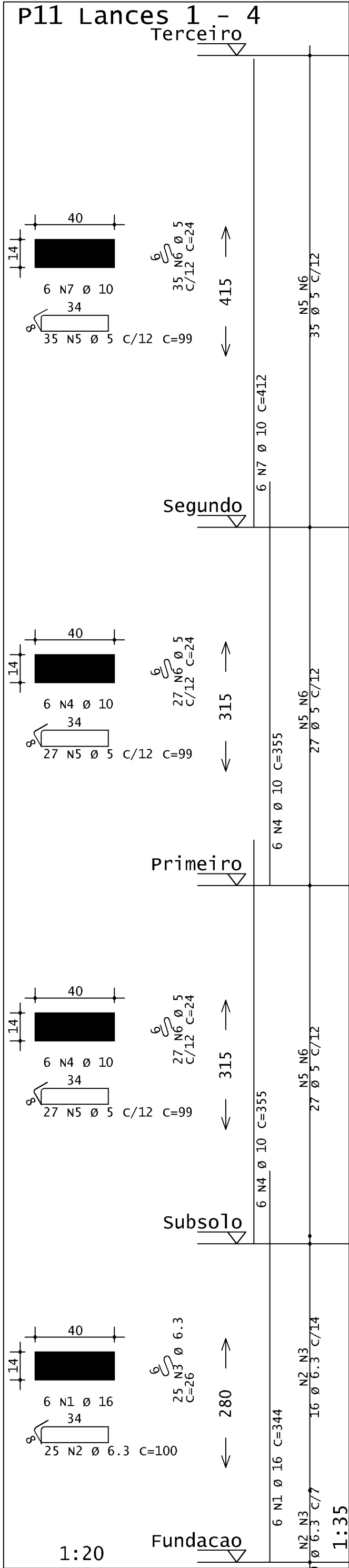
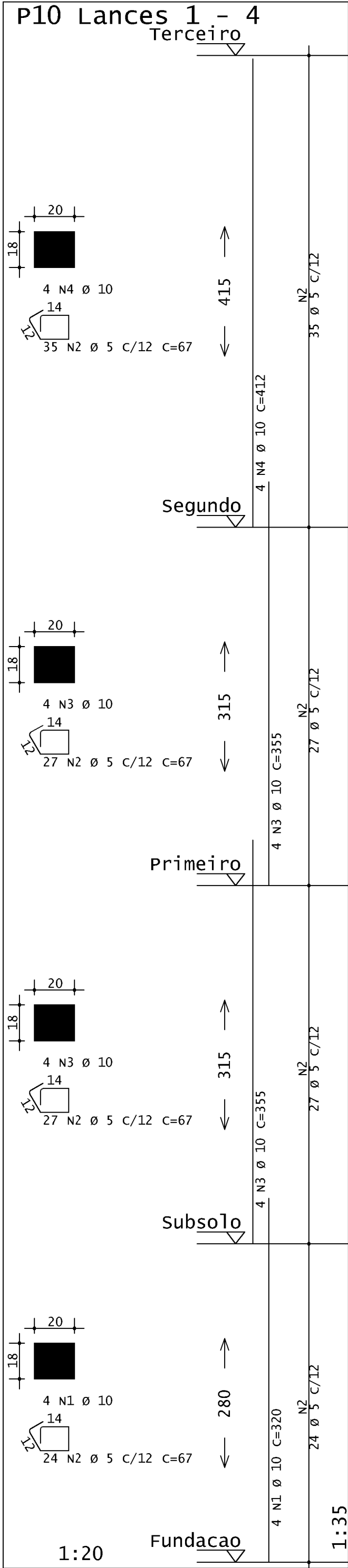
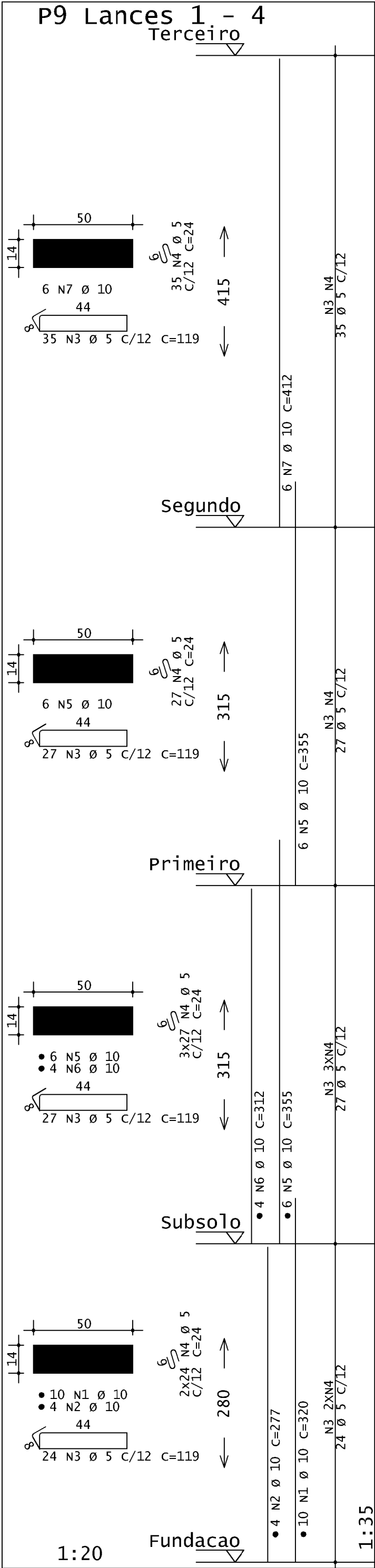
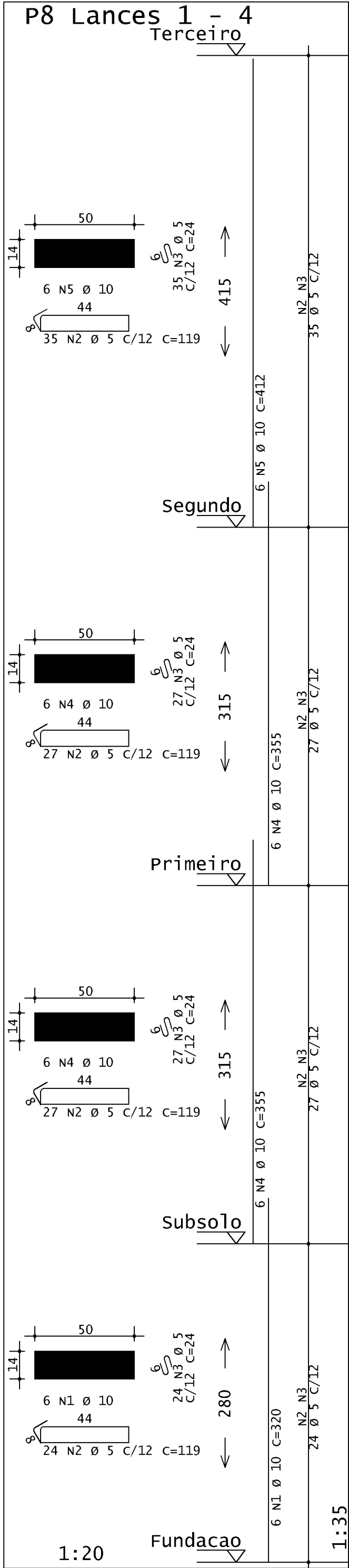
PROJETO			
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO	CPF / CNPJ:	
LOTES: 0188	QUADRA: 059	ÍNDICE IPTU: 01.059.0188.001	
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL		
CONTEÚDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:	CPF / CNPJ:		
CÂMARA MUNICIPAL DE MARTINHO CAMPOS	23.886.370/0001-12		
RESPONSÁVEL TÉCNICO:	CREA:		
SAVIO VINICIUS ISRAEL	CREA/ING - 399.989-D		
SAVIOISRAEL.ENG@GMAIL.COM	(37) 9.8827-9134		
ORIENTAENG CONSULTORIA@GMAIL.COM	(37) 9.9996-7310		



ACO	POS	BIT	QUANT	COMPRIMENTO	TOTAL
		mm		UNIT	TOTAL
				cm	cm
P1 Lances 1 - 3					
50A	1	10	4	320	1280
60A	2	5	78	87	6786
50A	3	10	4	355	1420
50A	4	10	4	312	1248
P2 Lances 1 - 3					
50A	1	10	4	320	1280
60A	2	5	78	67	5226
50A	3	10	4	355	1420
50A	4	10	4	312	1248
P3 Lances 1 - 3					
50A	1	10	4	320	1280
60A	2	5	78	67	5226
50A	3	10	4	355	1420
50A	4	10	4	312	1248
P4 Lances 1 - 3					
50A	1	10	4	320	1280
60A	2	5	78	67	5226
50A	3	10	4	355	1420
50A	4	10	4	312	1248
P5 Lances 1 - 3					
50A	1	10	4	320	1280
60A	2	5	78	67	5226
50A	3	10	4	355	1420
50A	4	10	4	312	1248
P6 Lances 1 - 3					
50A	1	10	4	320	1280
60A	2	5	78	67	5226
50A	3	10	4	355	1420
50A	4	10	4	312	1248
P7 Lances 1 - 3					
50A	1	10	4	320	1280
60A	2	5	51	127	6477
50A	3	5	51	28	1428
50A	4	12.5	3	100	300
50A	5	10	6	365	2190
50A	6	12.5	6	312	1872
50A	7	6.3	21	128	2688
50A	8	6.3	21	30	630

RESUMO DE AÇO			
ACO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	408	63
50A	6.3	33	8
50A	10	278	172
50A	12.5	22	21
Peso Total	60A =		63 kgf
Peso Total	50A =		201 kgf

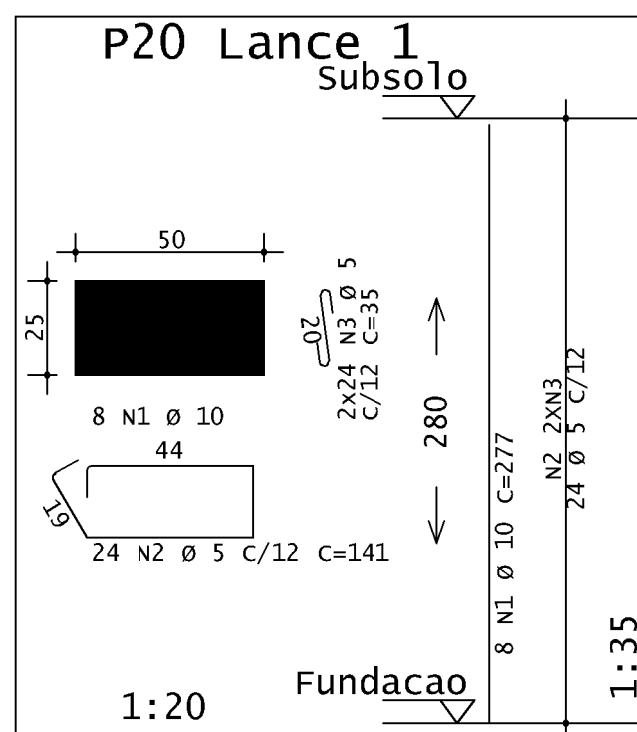
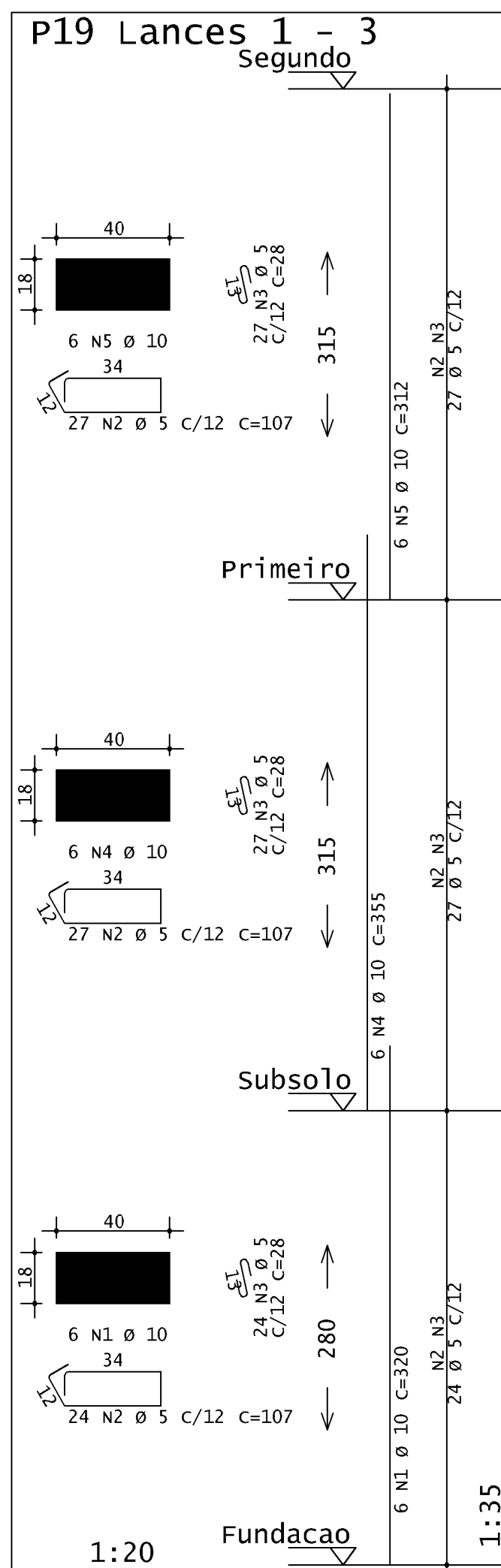
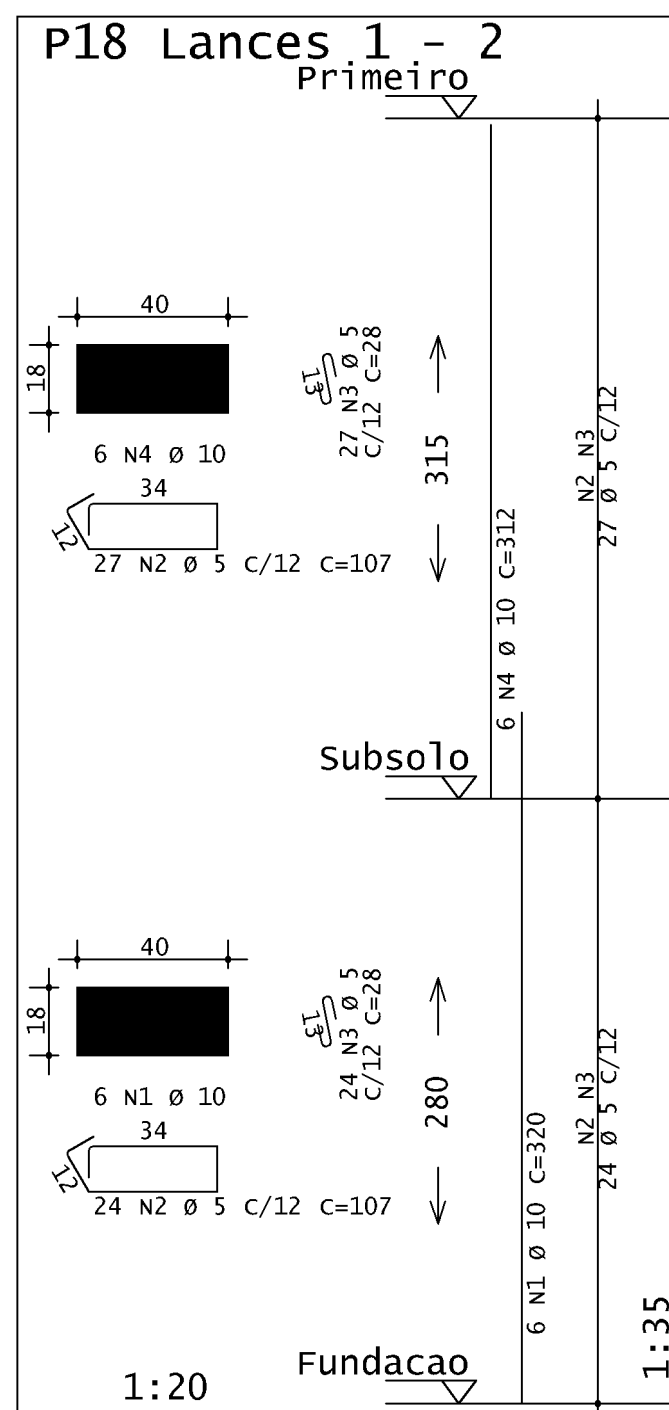
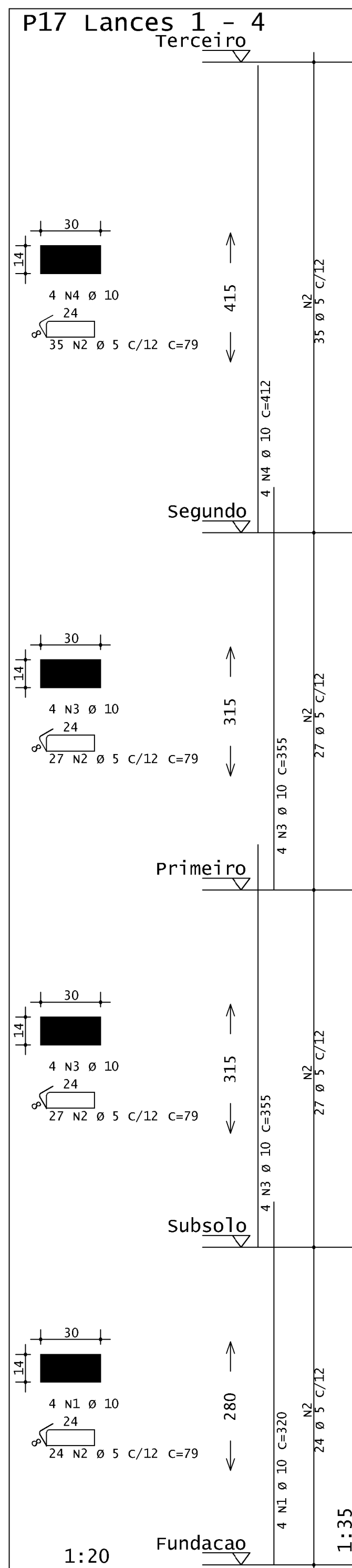
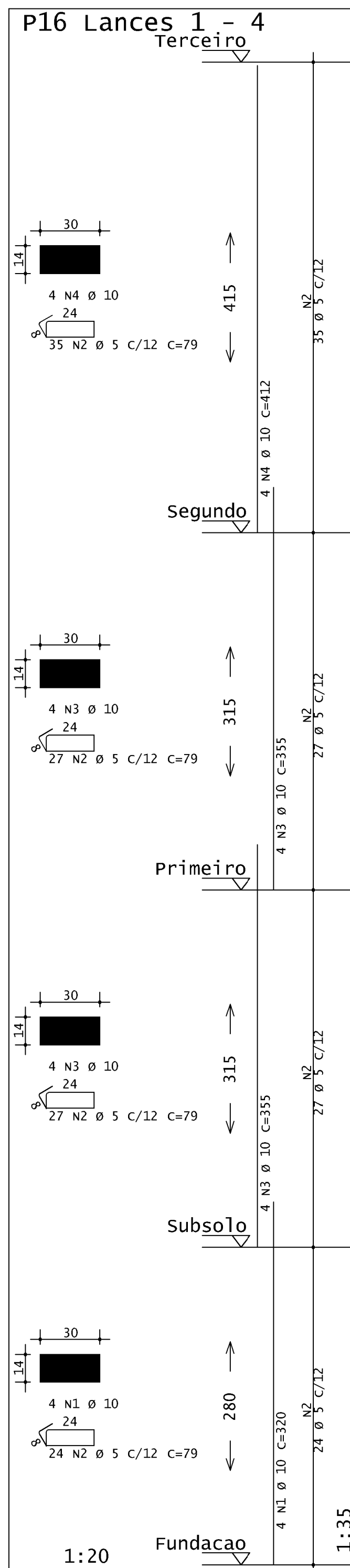
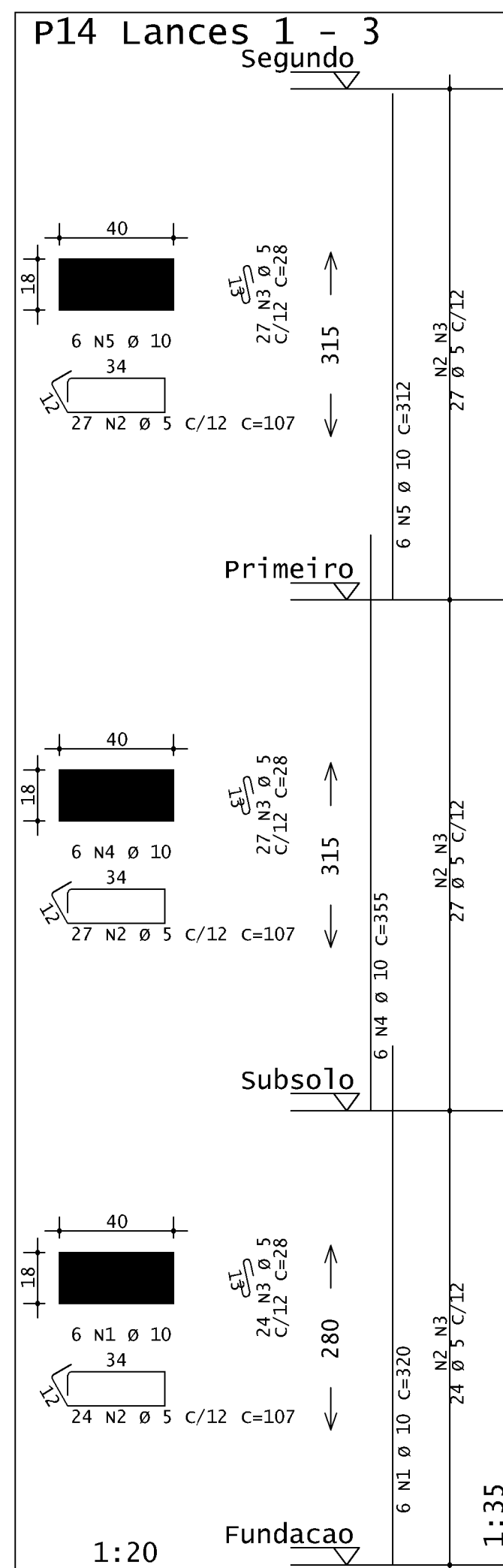
PROJETO			
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO		
LOTES: 0108	QUADRA: 089	ÍNDICE PIV: 01.1.050.0135.001	
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL		
CONTEÚDO:		DATA:	04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:	CPF / CNPJ:		
CÁMARA MUNICIPAL DE MARTINHO CAMPOS	23.886.370/0001-74	FELIX	
RESPONSÁVEL TÉCNICO:	CREA:		
SÁVIO VINÍCIUS ISRAEL	CREA/ING - 259.989-D		
SÁVIO ISRAEL ENG@GMAIL.COM	(37) 9.8827-9134		
ORIENTA@NG CONSULTORIA@GMAIL.COM	(37) 9.9996-7310		



AÇO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		mm		cm	cm	
P8 Lances 1 - 4						
50A	1	10	6	320	1920	
60A	2	5	113	119	13447	
60A	3	5	113	24	2712	
50A	4	10	12	355	4260	
50A	5	10	6	412	2472	
P9 Lances 1 - 4						
50A	1	10	10	320	3200	
50A	2	10	4	277	1108	
60A	3	5	113	119	13447	
60A	4	5	191	24	4584	
50A	5	10	12	355	4260	
50A	6	10	4	312	1248	
50A	7	10	6	412	2472	
P10 Lances 1 - 4						
50A	1	10	4	320	1280	
60A	2	5	113	67	7571	
50A	3	10	8	355	2840	
50A	4	10	4	412	1648	
P11 Lances 1 - 4						
50A	1	16	6	344	2064	
50A	2	6.3	25	100	2500	
50A	3	6.3	25	26	650	
50A	4	10	12	355	4260	
60A	5	5	89	99	8811	
60A	6	5	89	24	2136	
50A	7	10	6	412	2472	
P12 Lances 1 - 2						
50A	1	10	6	320	1920	
60A	2	5	51	107	5457	
60A	3	5	51	28	1428	
50A	4	10	6	312	1872	
P13 Lances 1 - 4						
50A	1	10	6	320	1920	
60A	2	5	113	107	12091	
60A	3	5	113	28	3164	
50A	4	10	12	355	4260	
50A	5	10	6	412	2472	
P15 Lance 1						
50A	1	10	6	277	1662	
60A	2	5	24	119	2856	
60A	3	5	24	24	576	

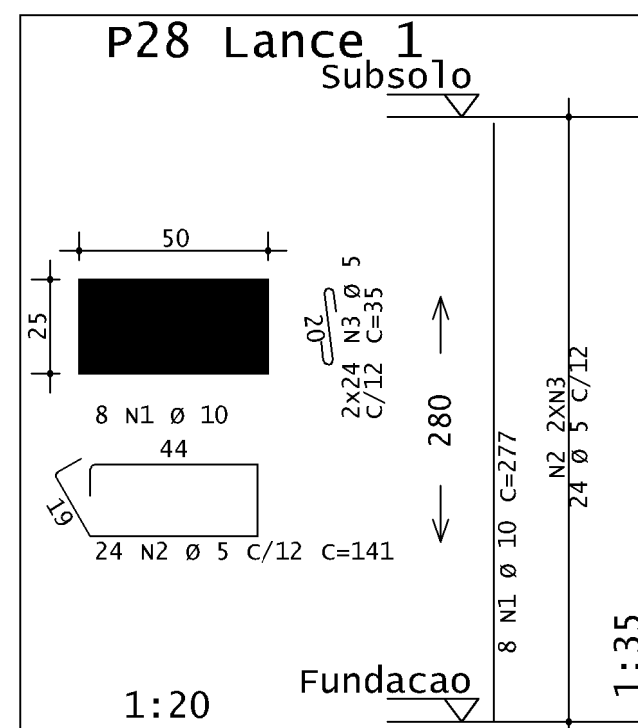
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	783	121
50A	6.3	32	8
50A	10	475	293
50A	16	21	33
Peso Total	60A	=	121 kgf
Peso Total	50A	=	334 kgf


PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0108	QUADRA: 059	ÍNDICE PIV: 01.1.059.0135.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:			DATA: 04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÁMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SAÍDO VINÍCIUS ISRAEL		CREA/ING - 299.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	
FELIX		FELIX	
FELIX		FELIX	

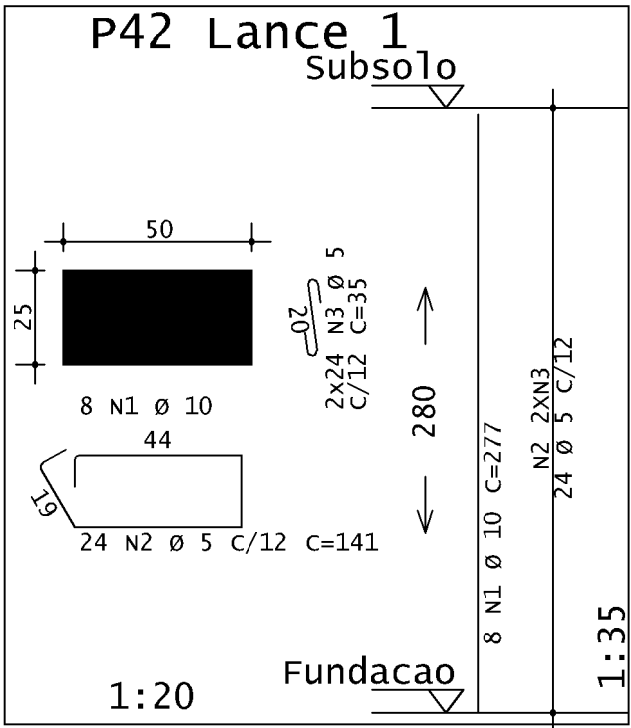
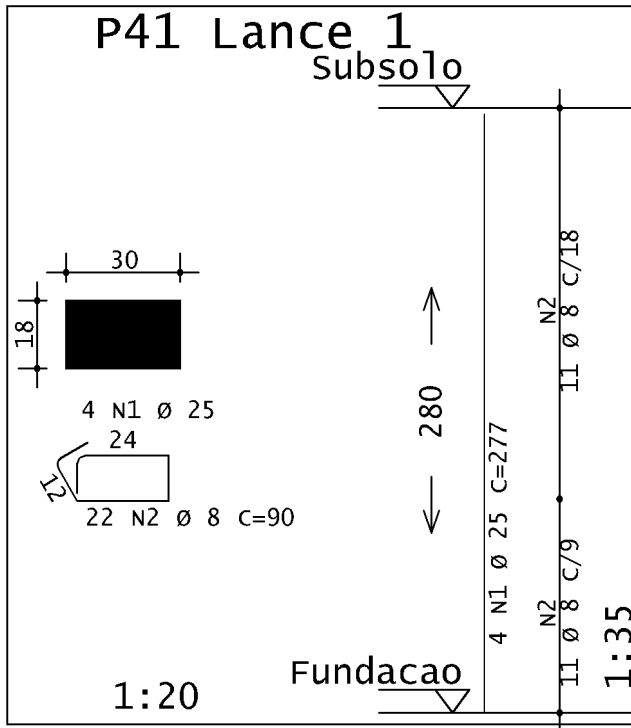
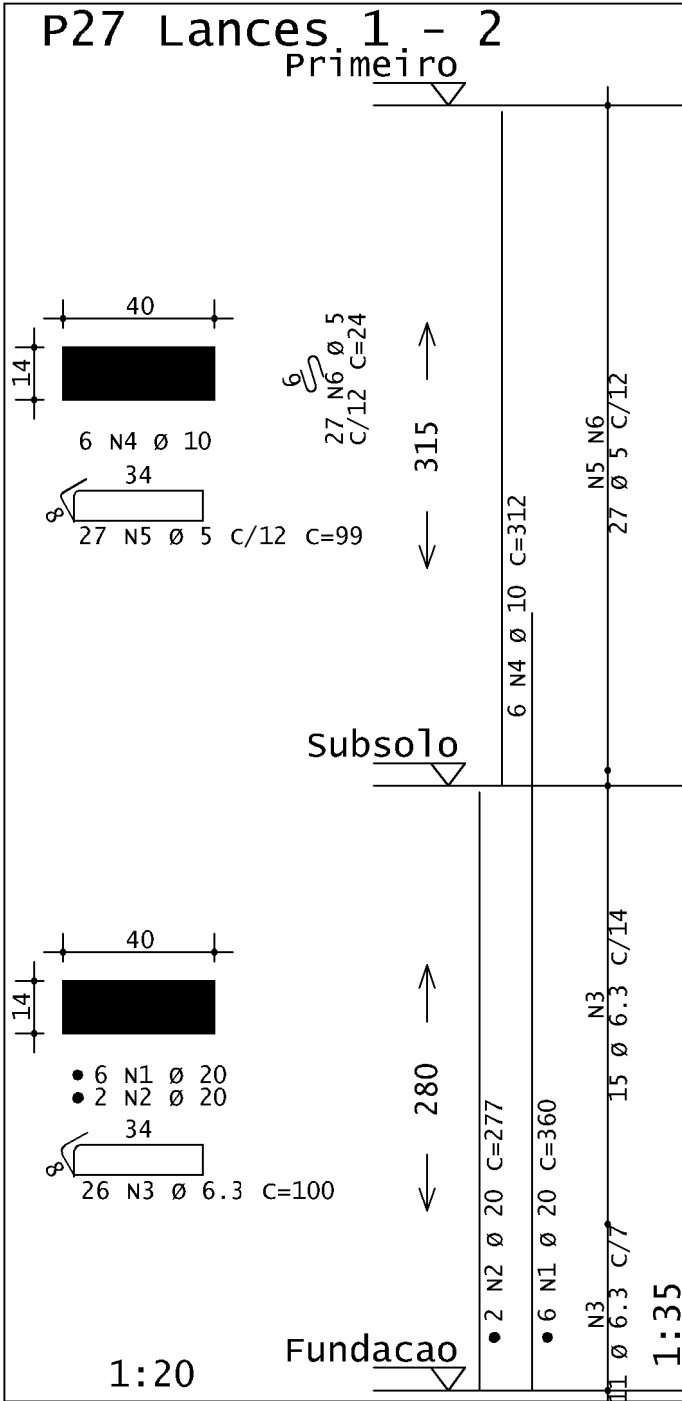
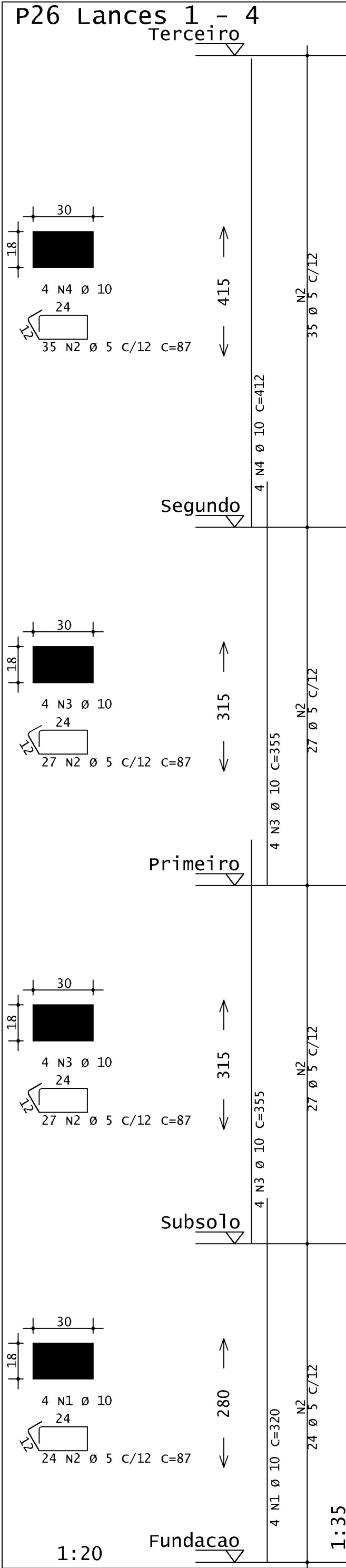
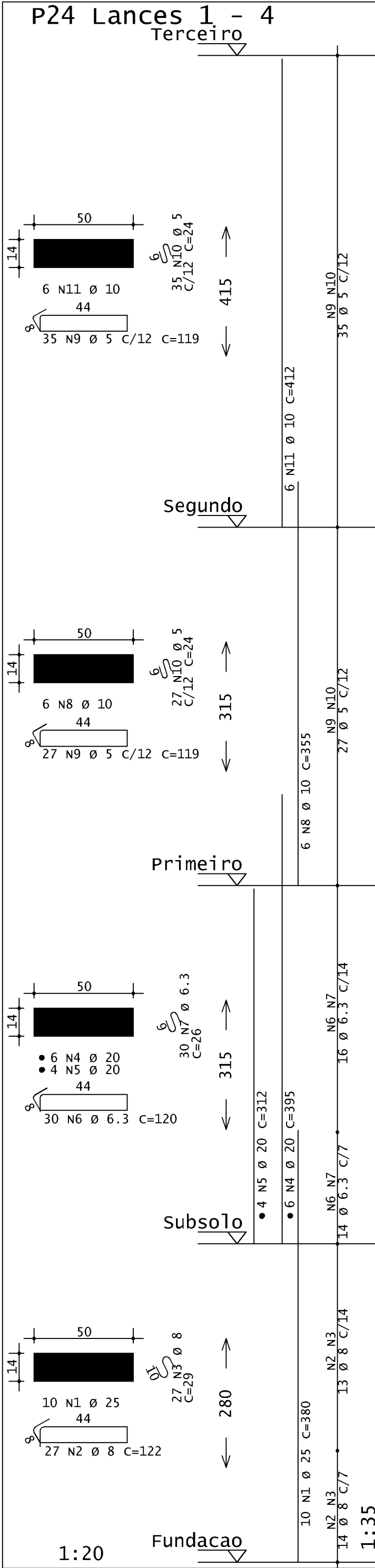
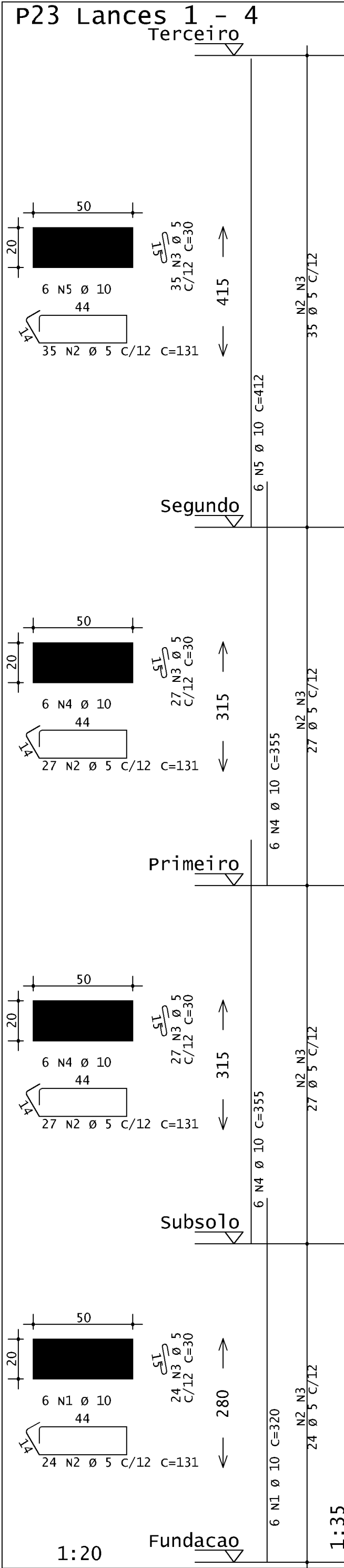
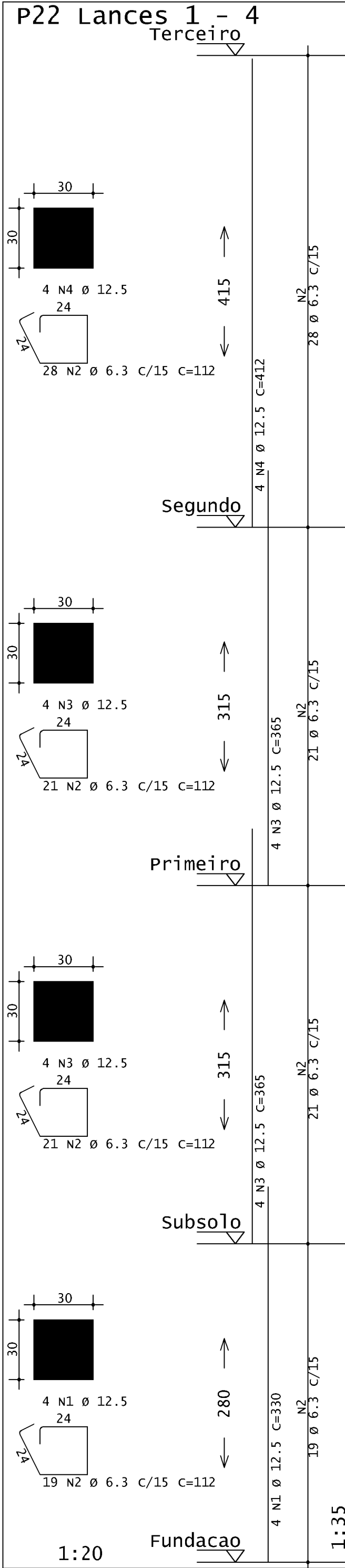
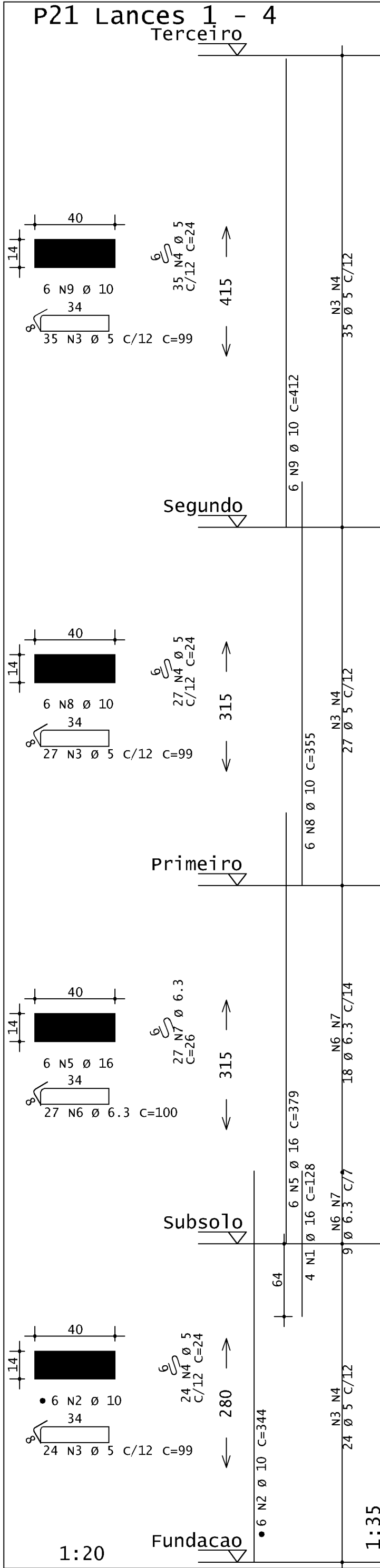


	AÇO	POS	BITT	QUANT	COMPRImento	
					UNIT	TOTAL
			mm		cm	cm
P14	Lances	1 - 3				
	50A	1	10	6	320	1920
	60A	2	5	78	107	8346
	60A	3	5	78	28	2184
	50A	4	10	6	355	2130
	50A	5	10	6	312	1872
P16	Lances	1 - 4				
	50A	1	10	4	320	1280
	60A	2	5	113	79	8927
	60A	3	10	8	355	2840
	50A	4	10	4	412	1648
P17	Lances	1 - 4				
	50A	1	10	4	320	1280
	60A	2	5	113	79	8927
	60A	3	10	8	355	2840
	50A	4	10	4	412	1648
P18	Lances	1 - 2				
	50A	1	10	6	320	1920
	60A	2	5	51	107	5457
	60A	3	5	51	28	1428
	50A	4	10	6	312	1872
P19	Lances	1 - 3				
	50A	1	10	6	320	1920
	60A	2	5	78	107	8346
	60A	3	5	78	28	2184
	50A	4	10	6	355	2130
	50A	5	10	6	312	1872
P20	Lance	1				
	50A	1	10	8	277	2216
	60A	2	5	24	141	3384
	60A	3	5	48	35	1680
P28	Lance	1				
	50A	1	10	8	277	2216
	60A	2	5	24	141	3384
	60A	3	5	48	35	1680

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	559	86
50A	10	316	195
Peso Total	60A =		86 kgf
Peso Total	50A =		195 kgf



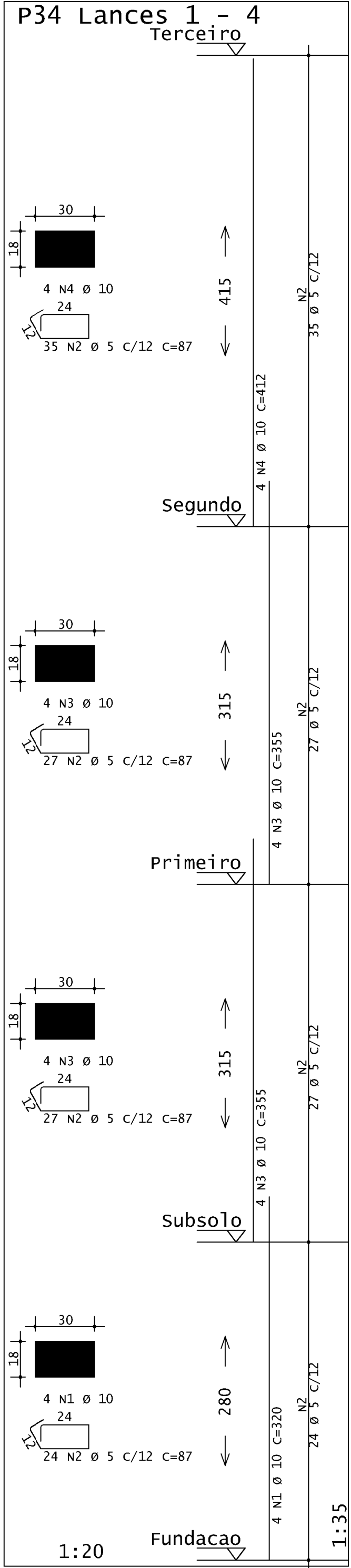
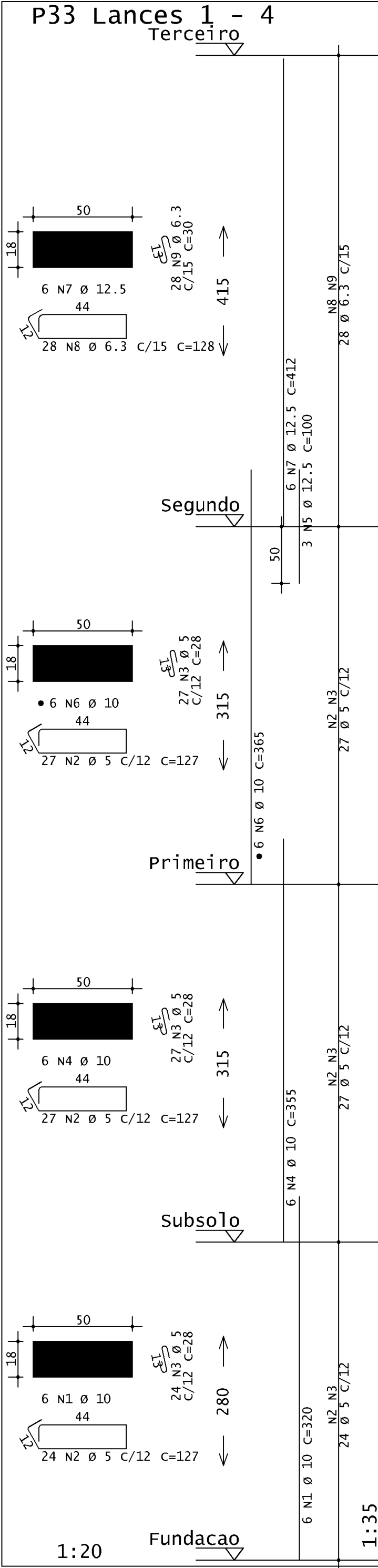
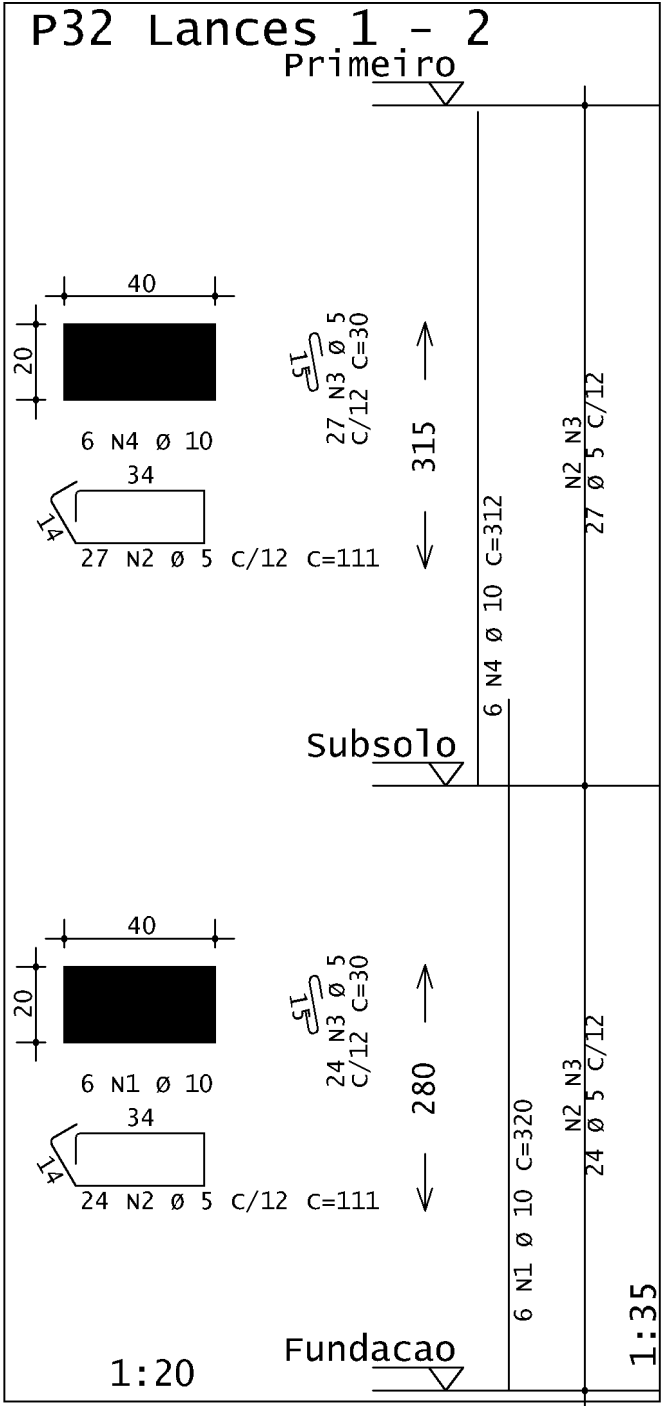
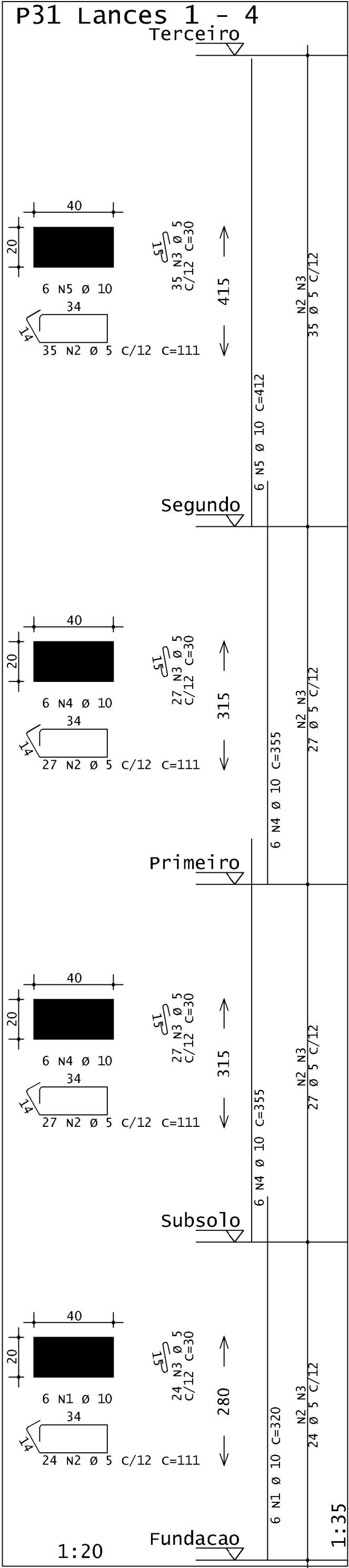
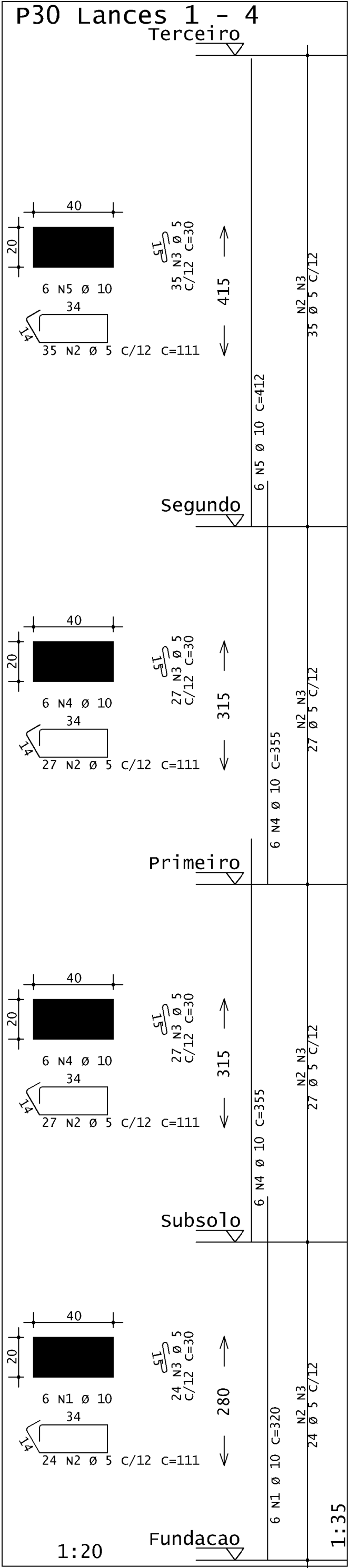
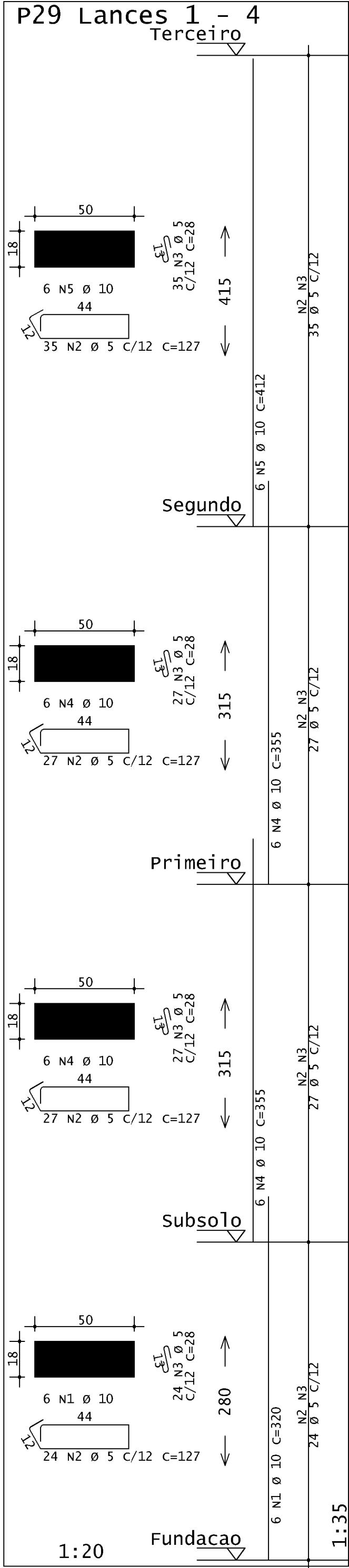
RUA: RUA LUÍZ ALVES, 88		BAIRRO: CENTRO	
LOTES: 9156	QUADRA: 259	INSCRIÇÃO IPTU: 011.059.0135.001	
TÍTULO: PROJETO ESTRUTURAL		USO: RESIDENCIAL	
CONTÉUDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.896.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL SAVIO@SIEL.ENG@GMAIL.COM ORIENTA@ENGCONSULTORIA@GMAIL.COM		CREATING - 309.990-D (17) 91807-0764 (37) 91996-7310	
		FOLHA	
		TÉCNICO: ANGELO V. DE PROJETO: CAMARGO	



AÇO	POS	BIT	QUANT	COMPRIENTO	UNIT	TOTAL
		mm			cm	cm
P21 Lances 1 - 4						
50A	1	16	4	128	512	
50A	2	10	6	344	2064	
60A	3	5	86	99	8514	
60A	4	5	86	24	2064	
50A	5	16	6	379	2274	
50A	6	6.3	27	100	2700	
50A	7	6.3	27	26	702	
50A	8	10	6	355	2130	
50A	9	10	6	412	2472	
P22 Lances 1 - 4						
50A	1	12.5	4	330	1320	
50A	2	6.3	89	112	9968	
50A	3	12.5	8	365	2920	
50A	4	12.5	4	412	1648	
P23 Lances 1 - 4						
50A	1	10	6	320	1920	
60A	2	5	113	131	14803	
60A	3	5	113	30	3390	
50A	4	10	12	355	4260	
50A	5	10	6	412	2472	
P24 Lances 1 - 4						
50A	1	25	10	380	3800	
50A	2	8	27	122	3294	
50A	3	8	27	29	783	
50A	4	20	6	395	2370	
50A	5	20	4	312	1248	
50A	6	6.3	30	120	3600	
50A	7	6.3	30	26	780	
50A	8	10	6	355	2130	
60A	9	5	62	119	7378	
60A	10	5	62	24	1488	
50A	11	10	6	412	2472	
P26 Lances 1 - 4						
50A	1	10	4	320	1280	
60A	2	5	113	87	9831	
50A	3	10	8	355	2840	
50A	4	10	4	412	1648	
P27 Lances 1 - 2						
50A	1	20	6	360	2160	
50A	2	20	2	277	554	
50A	3	6.3	26	100	2600	
50A	4	10	6	312	1872	
60A	5	5	27	99	2673	
60A	6	5	27	24	648	
P41 Lance 1						
50A	1	25	4	277	1108	
50A	2	8	22	90	1980	
P42 Lance 1						
50A	1	10	8	277	2216	
60A	2	5	24	141	3384	
60A	3	5	48	35	1680	

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	559	86
50A	6.3	204	50
50A	8	61	24
50A	10	298	184
50A	12.5	59	57
50A	16	28	44
50A	20	63	156
50A	25	49	189
Peso Total	60A =		86 kgf
Peso Total	50A =		703 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188	QUADRA: 089	ÍNDICE IPTU: 01.1.059.0135.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:			DATA: 04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÁMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 299.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	
TITULO: PROJETO CAMPA		FELIX	



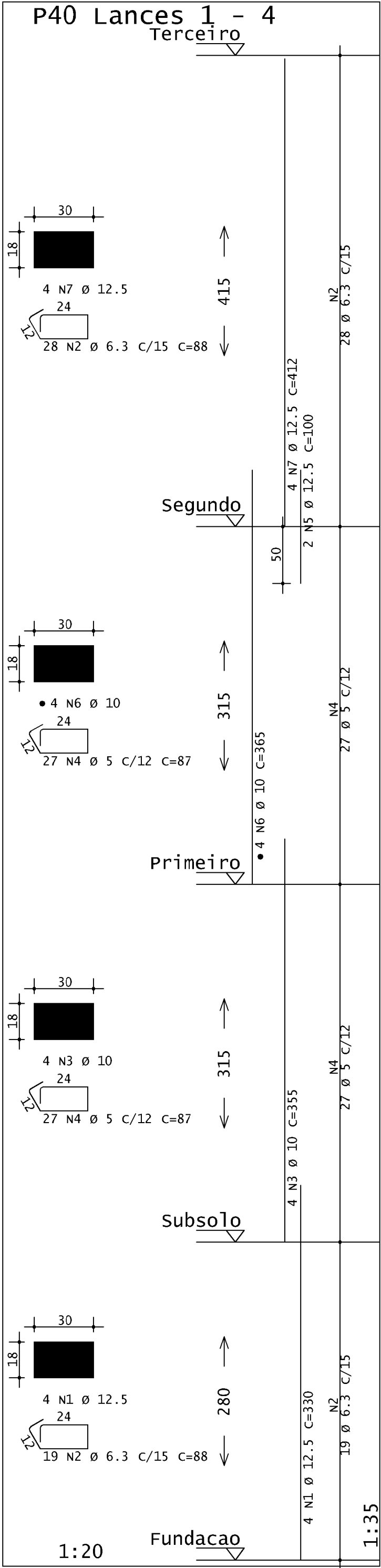
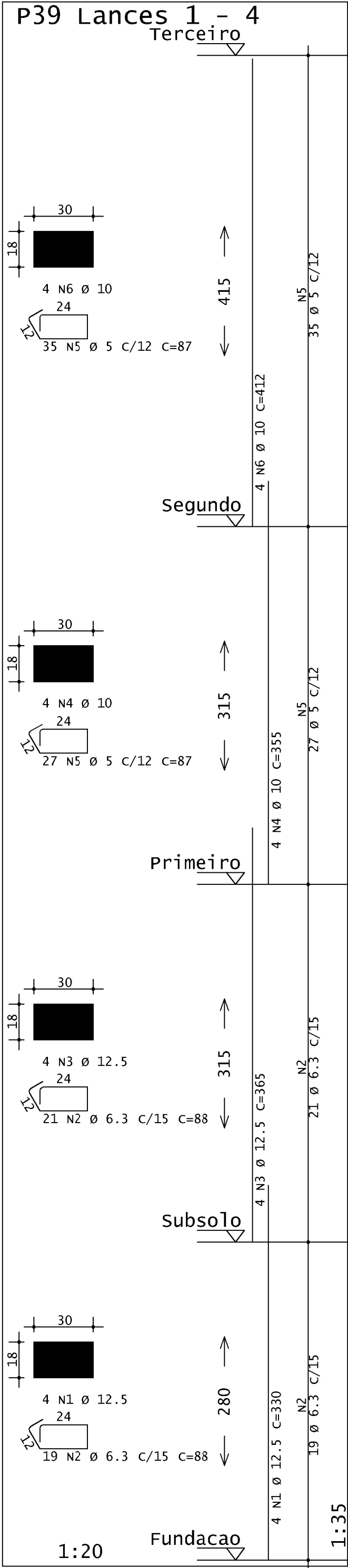
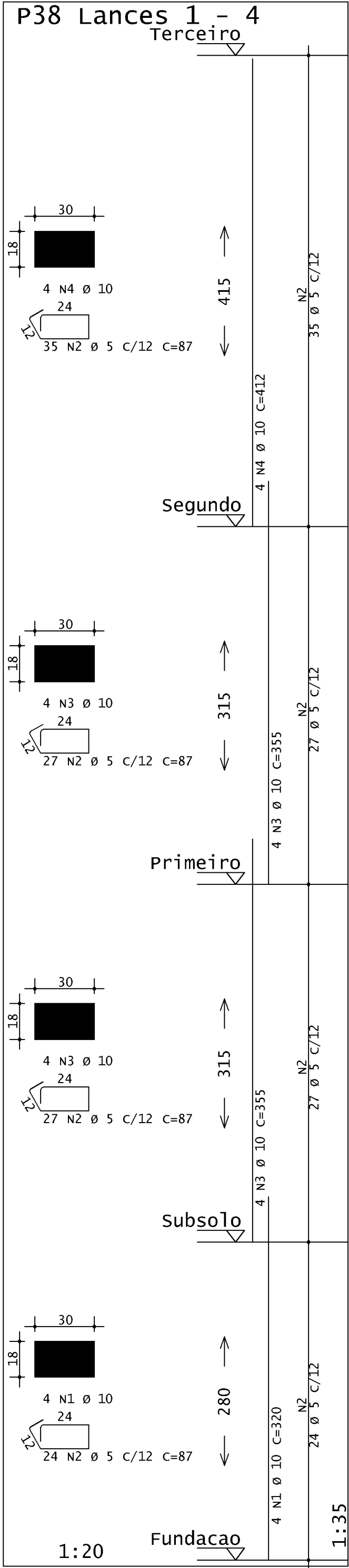
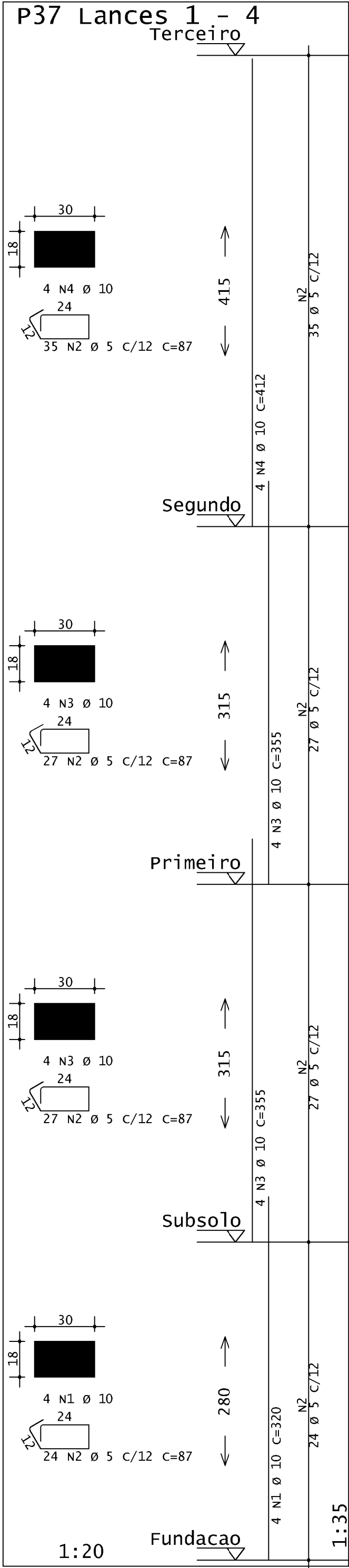
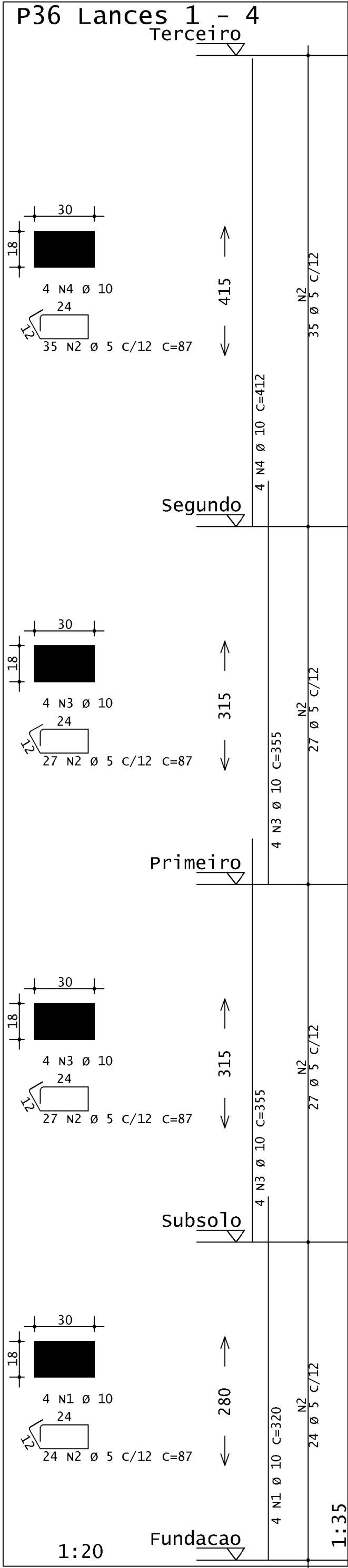
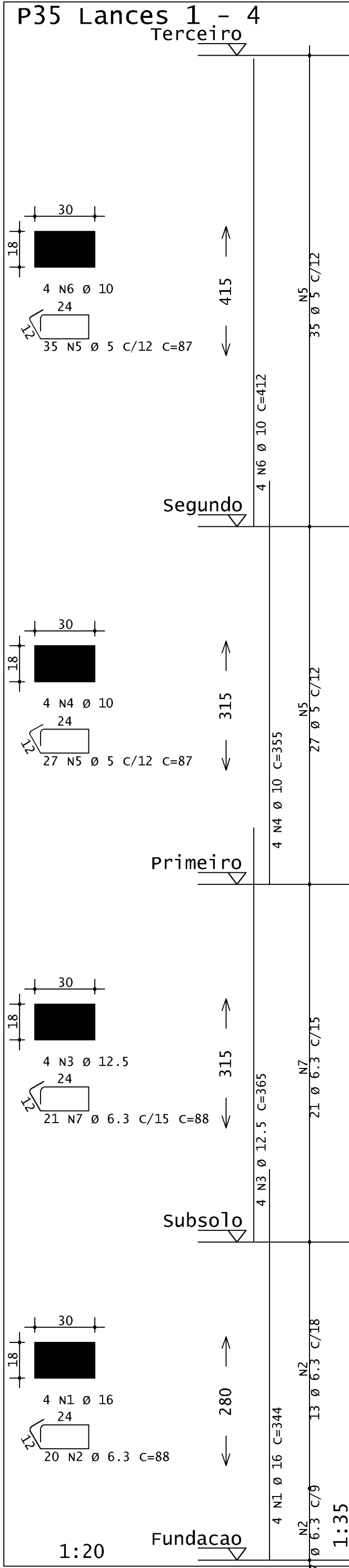
ACO	POS	BIT	QUANT	COMPRIMENTO	TOTAL
		mm		UNIT	TOTAL
				cm	cm
P29 Lances 1 - 4					
50A	1	10	6	320	1920
60A	2	5	113	127	14351
60A	3	5	113	28	3164
50A	4	10	12	355	4260
50A	5	10	6	412	2472
P30 Lances 1 - 4					
50A	1	10	6	320	1920
60A	2	5	113	111	12543
60A	3	5	113	30	3390
50A	4	10	12	355	4260
50A	5	10	6	412	2472
P31 Lances 1 - 4					
50A	1	10	6	320	1920
60A	2	5	113	111	12543
60A	3	5	113	30	3390
50A	4	10	12	355	4260
50A	5	10	6	412	2472
P32 Lances 1 - 2					
50A	1	10	6	320	1920
60A	2	5	51	111	5661
60A	3	5	51	30	1530
50A	4	10	6	312	1872
P33 Lances 1 - 4					
50A	1	10	6	320	1920
60A	2	5	78	127	9906
60A	3	5	78	28	2184
50A	4	10	6	355	2130
50A	5	12.5	3	100	300
50A	6	10	6	365	2190
50A	7	12.5	6	412	2472
50A	8	6.3	28	128	3584
50A	9	6.3	28	30	840
P34 Lances 1 - 4					
50A	1	10	4	320	1280
60A	2	5	113	87	9831
50A	3	10	8	355	2840
50A	4	10	4	412	1648

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	785	121
50A	6.3	44	11
50A	10	413	258
50A	12.5	23	27
Peso Total	60A =		121 kgf
Peso Total	50A =		295 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO		
LOTES: 0188	QUADRA: 089	ÍNDICE: 0188.001	
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL		
CONTEÚDO:			DATA: 04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:	CPF / CNPJ:		
CÂMARA MUNICIPAL DE MARTINHO CAMPOS	23.886.370/0001-12	FELIX	
RESPONSÁVEL TÉCNICO:	CREA:		
SÁVIO VINÍCIUS ISRAEL	CREA/ING - 298.989-D		
SÁVIO ISRAEL ENG@GMAIL.COM	(37) 9.8827-9134		
ORIENTA@NG CONSULTORIA@GMAIL.COM	(37) 9.9996-7310		



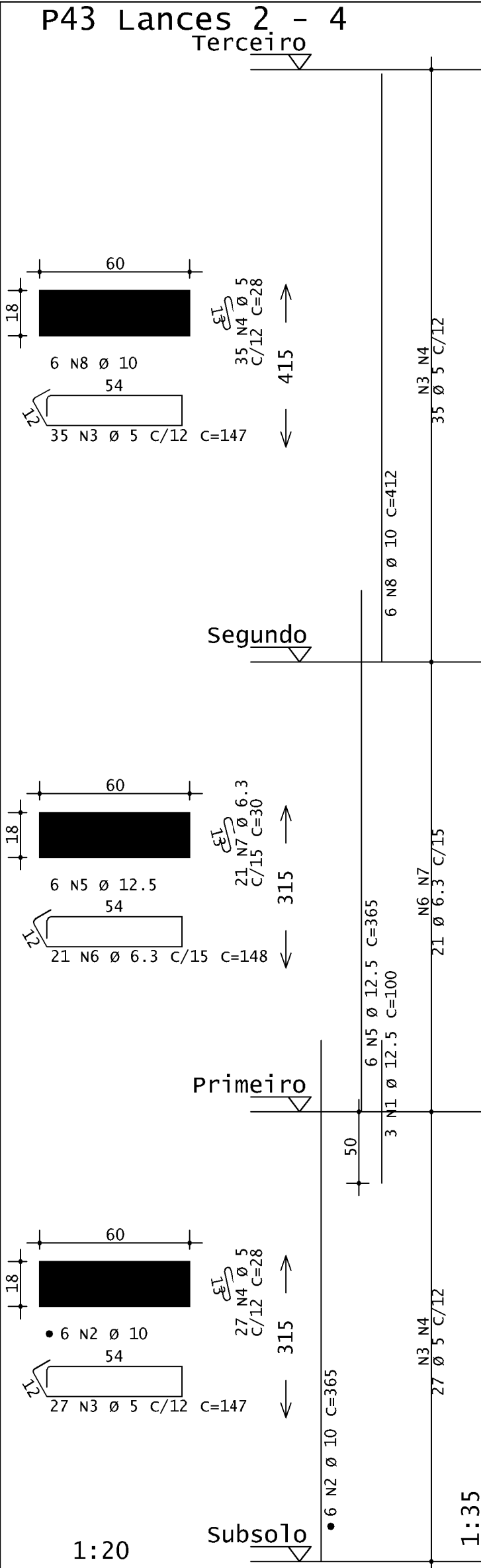
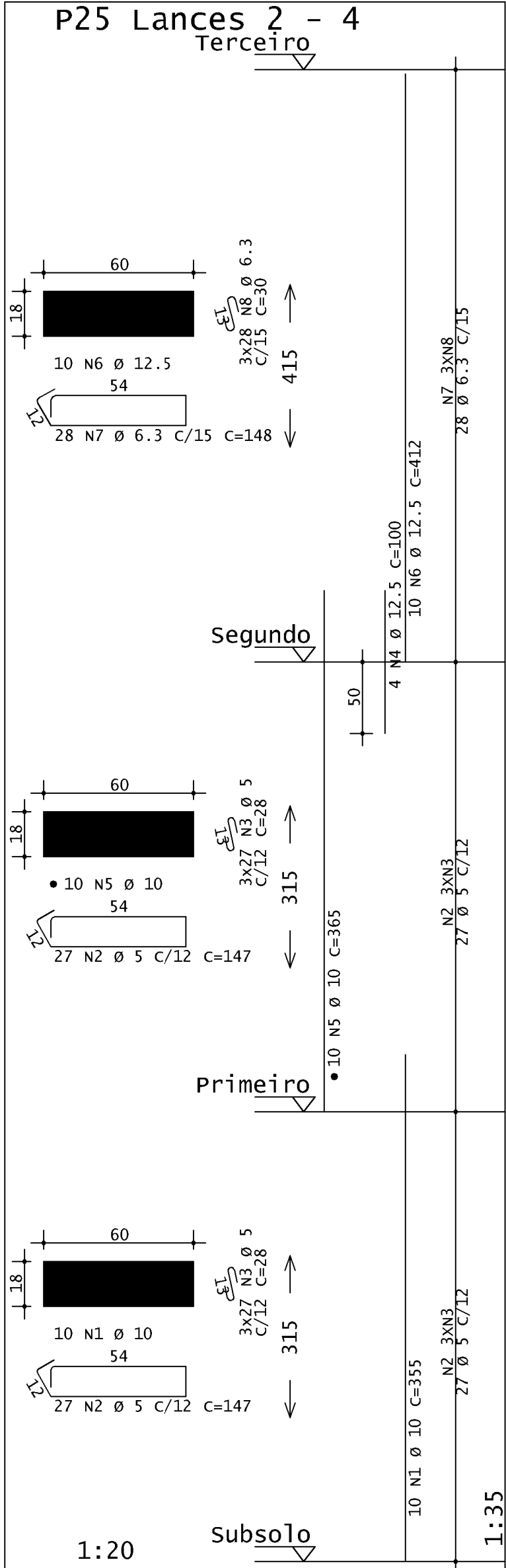
ESP: PROJETO CAMPA



ACO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		mm		cm	cm	
P35 Lances 1 - 4						
50A	1	16	4	344	1376	
50A	2	6.3	20	88	1760	
50A	3	12.5	4	365	1460	
50A	4	10	4	355	1420	
60A	5	5	62	87	5394	
50A	6	10	4	412	1648	
50A	7	6.3	21	88	1848	
P36 Lances 1 - 4						
50A	1	10	4	320	1280	
60A	2	5	113	87	9831	
50A	3	10	8	355	2840	
50A	4	10	4	412	1648	
P37 Lances 1 - 4						
50A	1	10	4	320	1280	
50A	2	5	113	87	9831	
50A	3	10	8	355	2840	
50A	4	10	4	412	1648	
P38 Lances 1 - 4						
50A	1	10	4	320	1280	
50A	2	5	113	87	9831	
50A	3	10	8	355	2840	
50A	4	10	4	412	1648	
P39 Lances 1 - 4						
50A	1	12.5	4	330	1320	
50A	2	6.3	40	88	3520	
50A	3	12.5	4	365	1460	
50A	4	10	4	355	1420	
60A	5	5	62	87	5394	
50A	6	10	4	412	1648	
P40 Lances 1 - 4						
50A	1	12.5	4	330	1320	
50A	2	6.3	47	88	4136	
50A	3	10	4	355	1420	
60A	4	5	54	87	4698	
50A	5	12.5	2	100	200	
50A	6	10	4	365	1460	
50A	7	12.5	4	412	1648	

RESUMO DE AÇO			
ACO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	450	69
50A	6.3	113	28
50A	10	263	162
50A	12.5	74	71
50A	16	14	22
Peso Total		60A =	69 kgf
Peso Total		50A =	283 kgf

RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0108	QUADRA: 099	ÍNDICE PTU: 01.1.050.0135.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA: 04/10/2025	
PROJETO			
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 396.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	

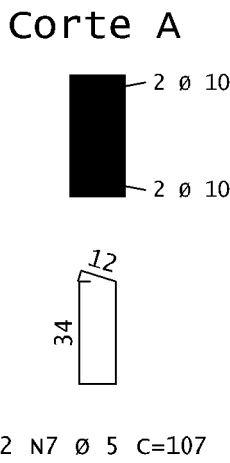
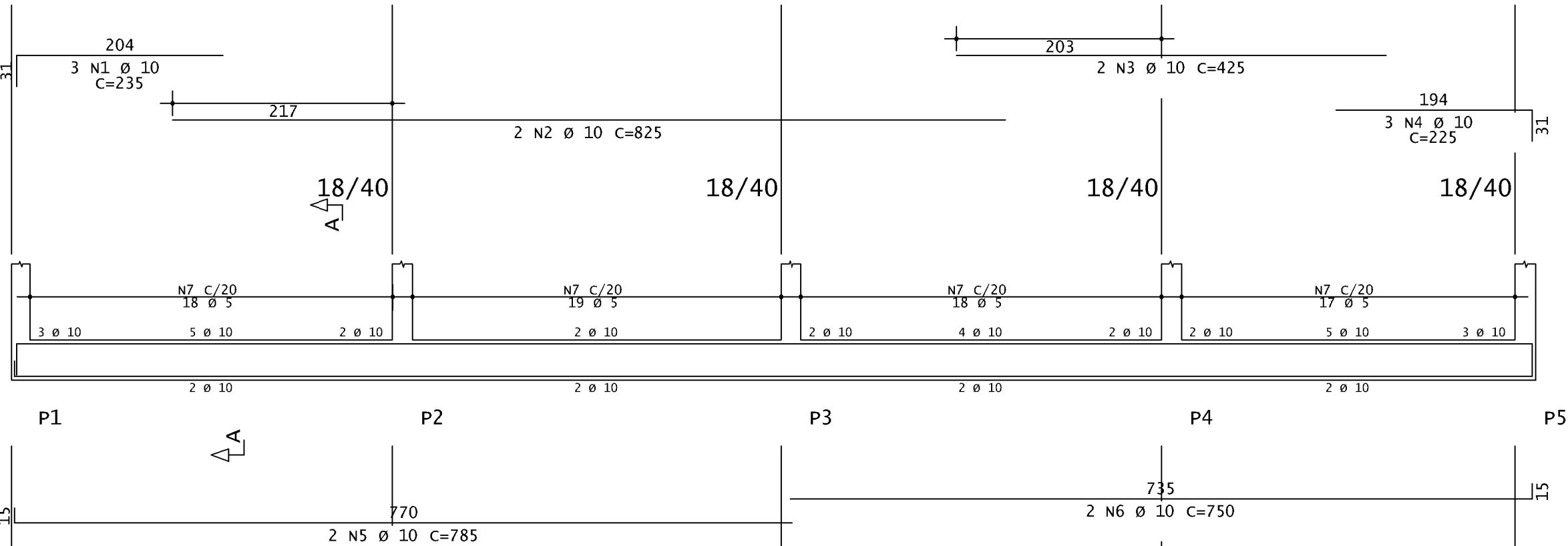


AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
P25	Lances 2 - 4				
	50A	1	10	355	3550
	60A	2	5	147	7938
	60A	3	5	162	28
	50A	4	12.5	4	100
	50A	5	10	365	3650
	50A	6	12.5	10	412
	50A	7	6.3	28	148
P43	Lances 2 - 4				
	50A	8	6.3	84	30
	50A	1	12.5	3	100
	50A	2	10	6	365
	60A	3	5	62	147
	60A	4	5	62	28
	50A	5	12.5	6	365
	50A	6	6.3	21	148
	50A	7	6.3	21	30
	50A	8	10	6	412
	50A	1	10	6	365
	50A	2	10	6	365
	50A	3	10	6	365
	50A	4	10	6	365
	50A	5	10	6	365

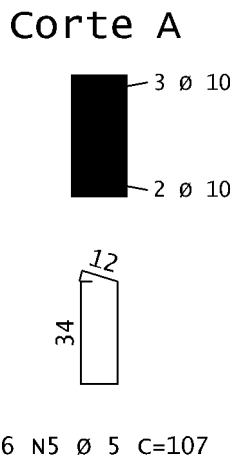
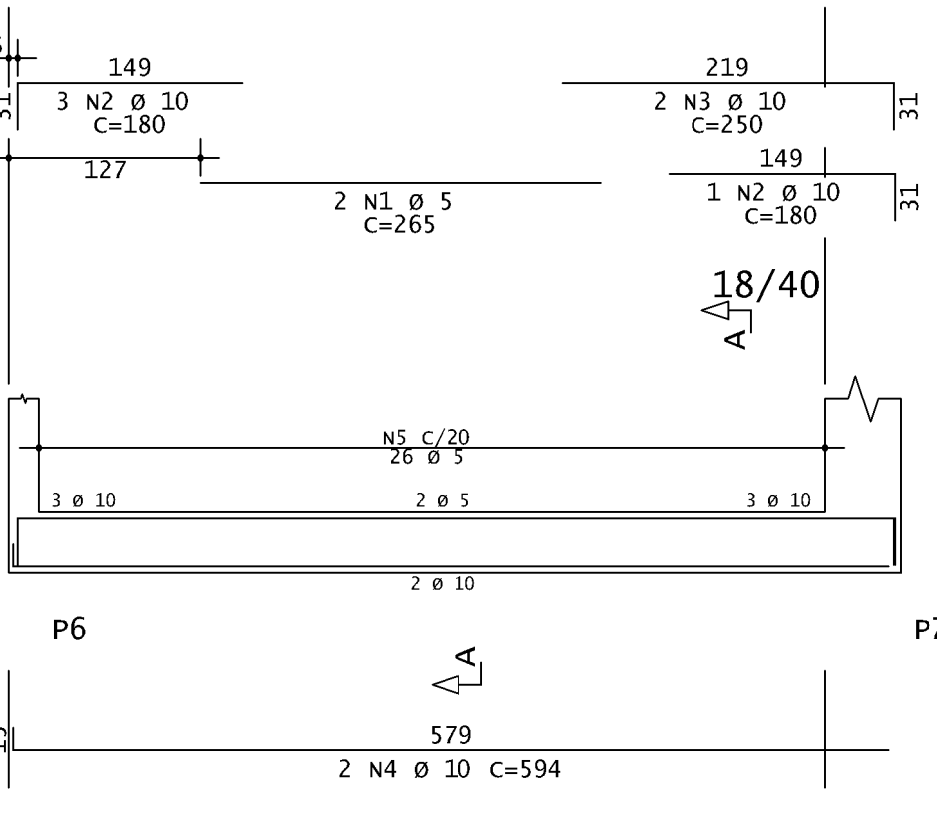
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	233	36
50A	6.3	104	25
50A	10	113	73
50A	12.5	70	68
Peso Total	60A =		36 kgf
Peso Total	50A =		166 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 01/88	QUADRA: 089	ÍNDICE IPTU: 01.1.059.0135.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:.....			DATA: 04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 398.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	

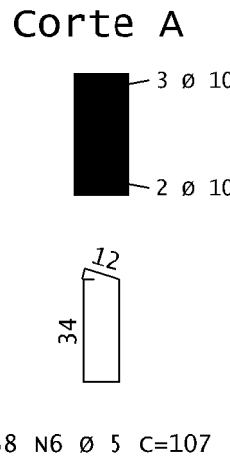
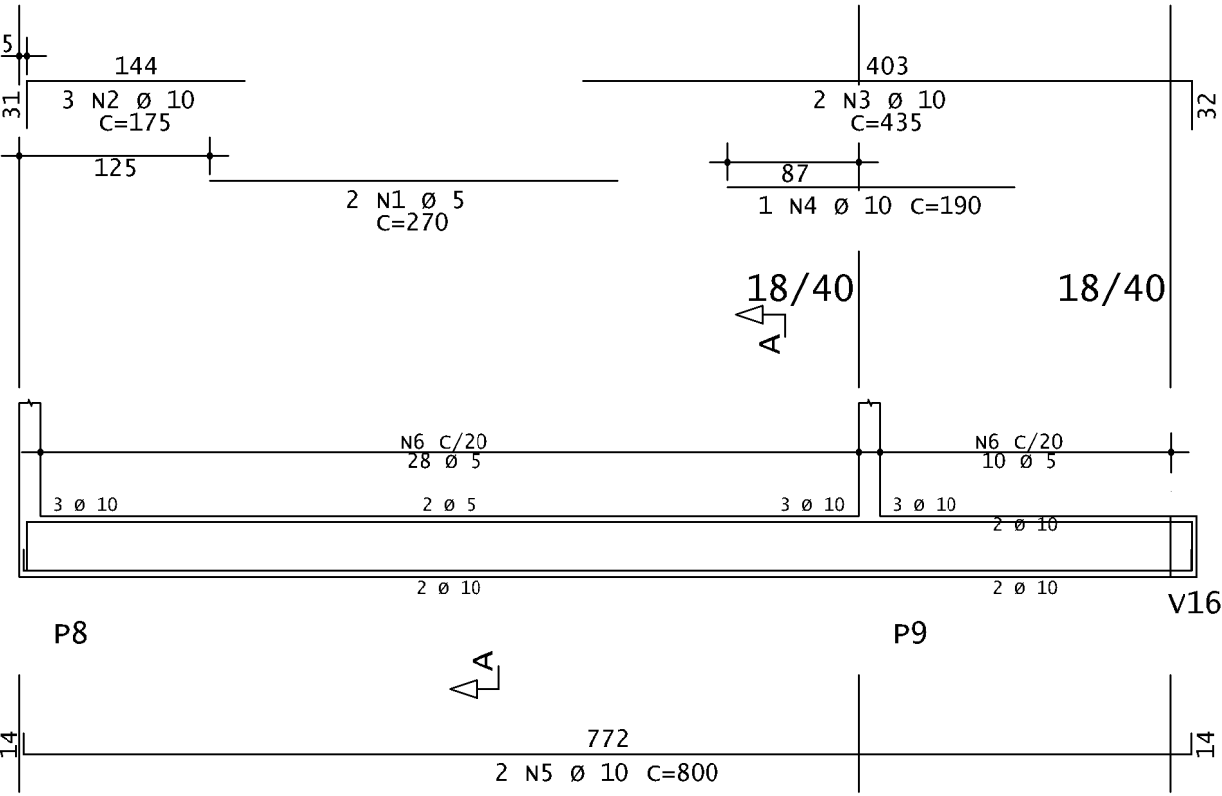
v1



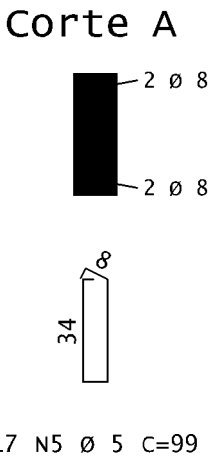
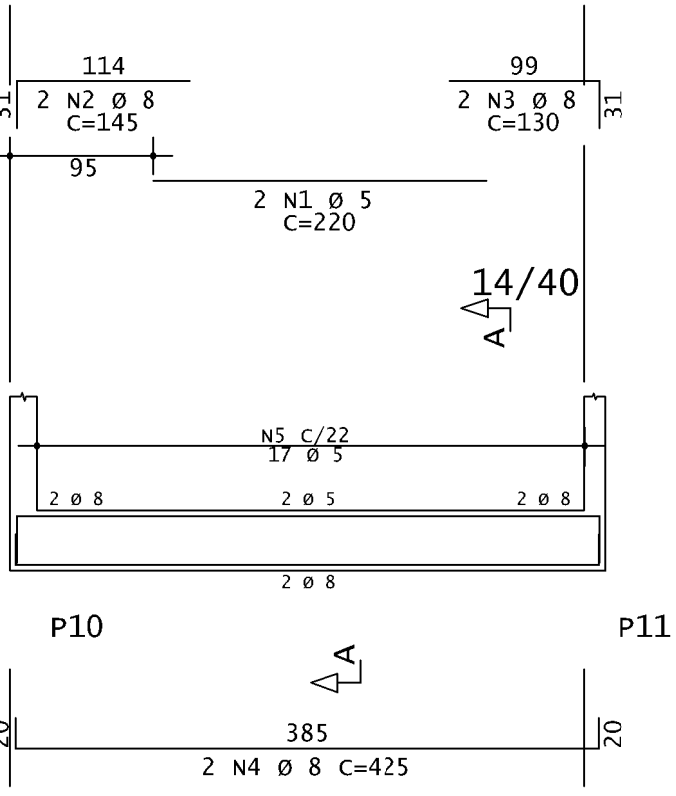
v2



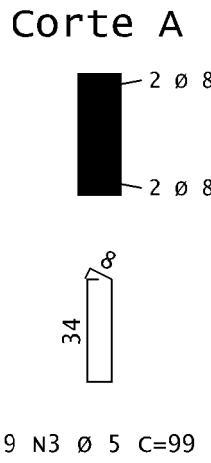
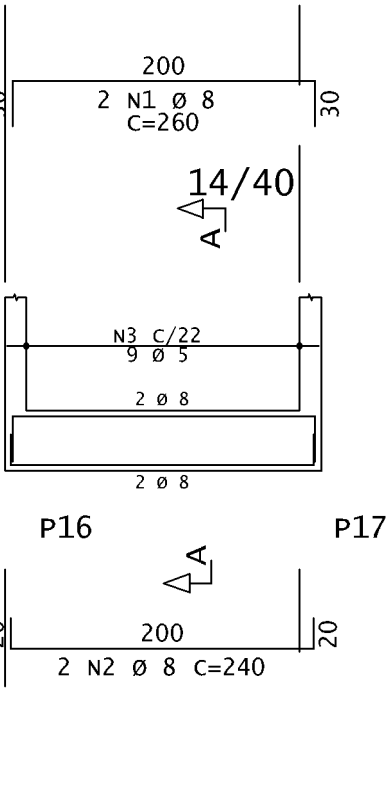
v3



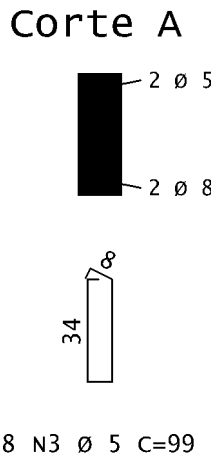
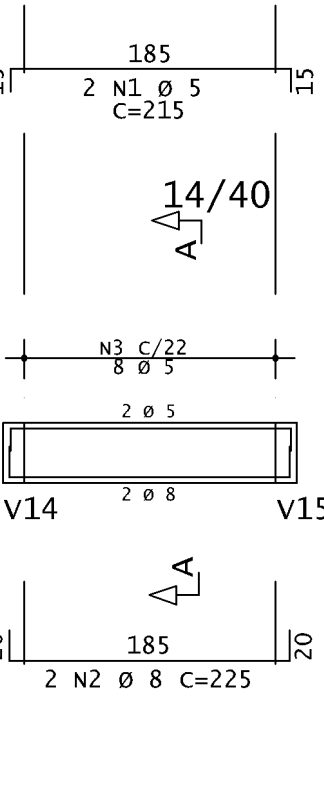
v4



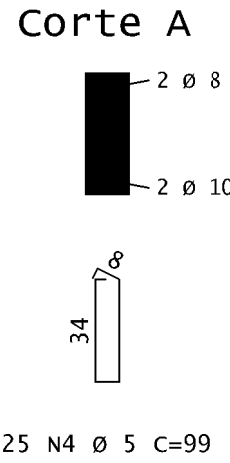
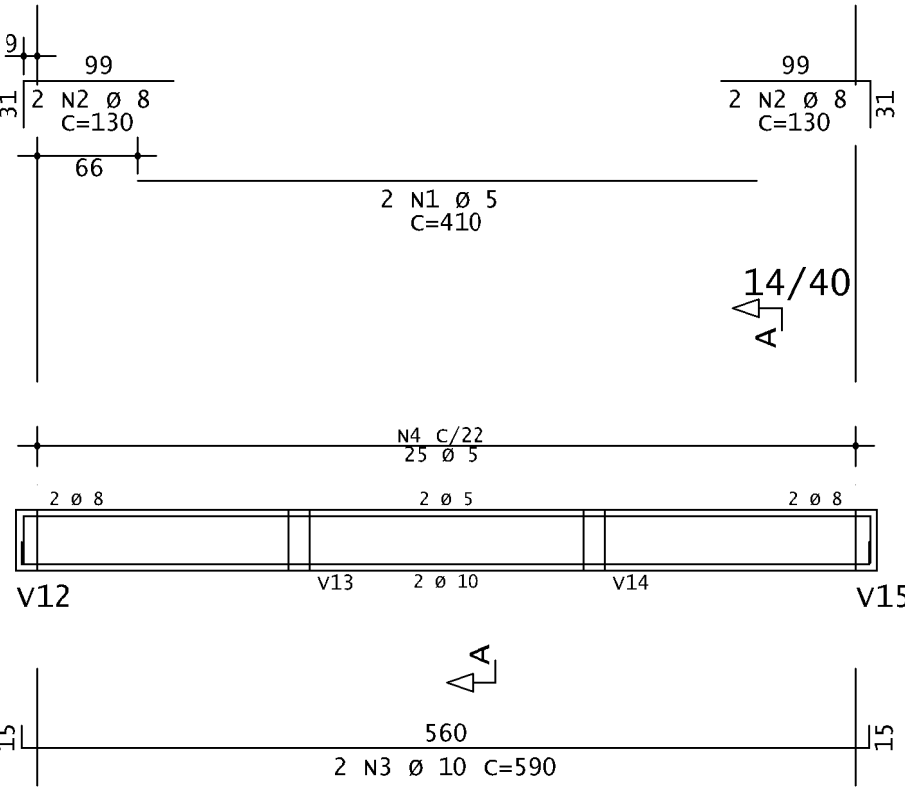
v5



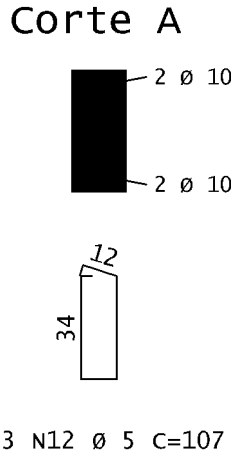
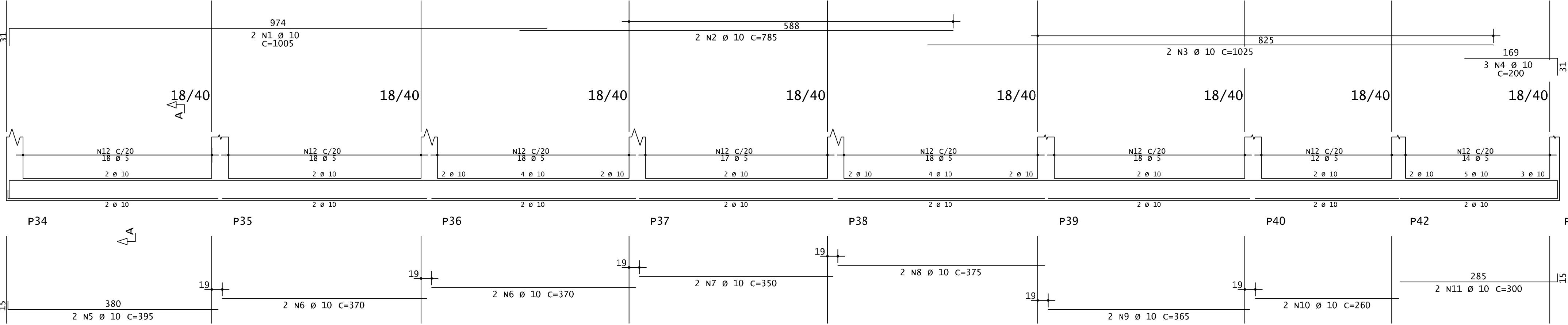
v6



v7



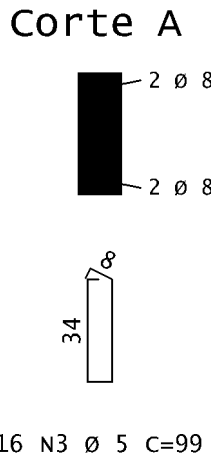
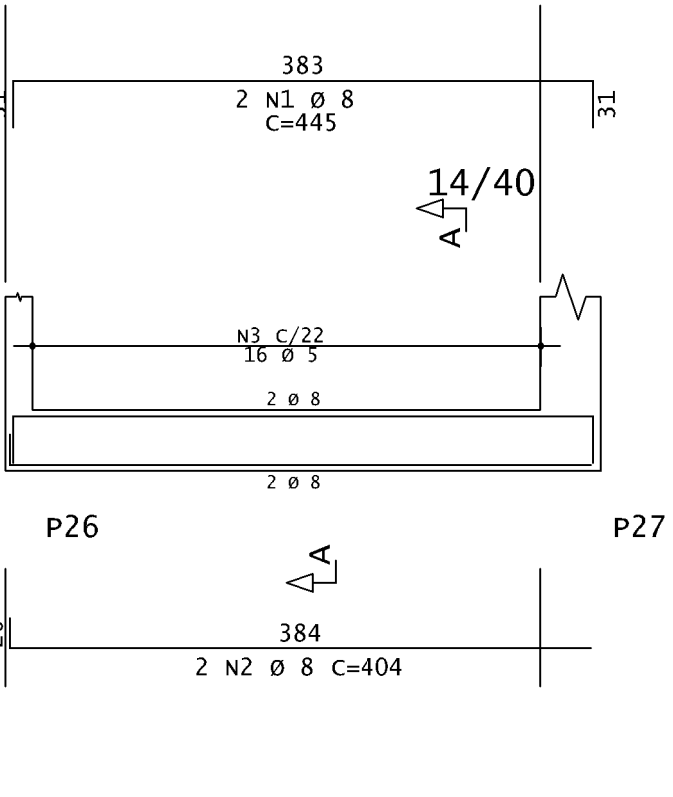
v9



V1	AÇO	POS	BIT mm	QUANT	COMPRIMENTO	
					UNIT cm	TOTAL cm
	50A	1	10	3	235	705
	50A	2	10	2	825	1650
	50A	3	10	2	425	850
	50A	4	10	3	225	675
	50A	5	10	2	785	1570
	50A	6	10	2	750	1500
	60A	7	5	72	107	7704
V2						
	60A	1	5	2	265	530
	50A	2	10	4	180	720
	50A	3	10	2	250	500
	50A	4	10	2	594	1188
	60A	5	5	26	107	2782
V3						
	60A	1	5	2	270	540
	50A	2	10	3	175	525
	50A	3	10	2	435	870
	50A	4	10	1	190	190
	50A	5	10	2	800	1600
	60A	6	5	38	107	4066
V4						
	60A	1	5	2	220	440
	50A	2	8	2	145	290
	50A	3	8	2	130	260
	50A	4	8	2	425	850
	60A	5	5	17	99	1683
V5						
	50A	1	8	2	260	520
	50A	2	8	2	240	480
	60A	3	5	9	99	891
V6						
	60A	1	5	2	215	430
	50A	2	8	2	225	450
	60A	3	5	8	99	792
V7						
	60A	1	5	2	410	820
	50A	2	8	4	130	520
	50A	3	10	2	590	1180
	60A	4	5	25	99	2475
V8						
	50A	1	8	2	445	890
	50A	2	8	2	404	808
	60A	3	5	16	99	1584
V9						
	50A	1	10	2	1005	2010
	50A	2	10	2	1575	3150
	50A	3	10	2	1025	2050
	50A	4	10	3	200	600
	50A	5	10	2	395	790
	50A	6	10	4	370	1480
	50A	7	10	2	350	700
	50A	8	10	2	375	750
	50A	9	10	2	365	730
	50A	10	10	2	260	520
	50A	11	10	2	300	600
	60A	12	5	133	107	14231

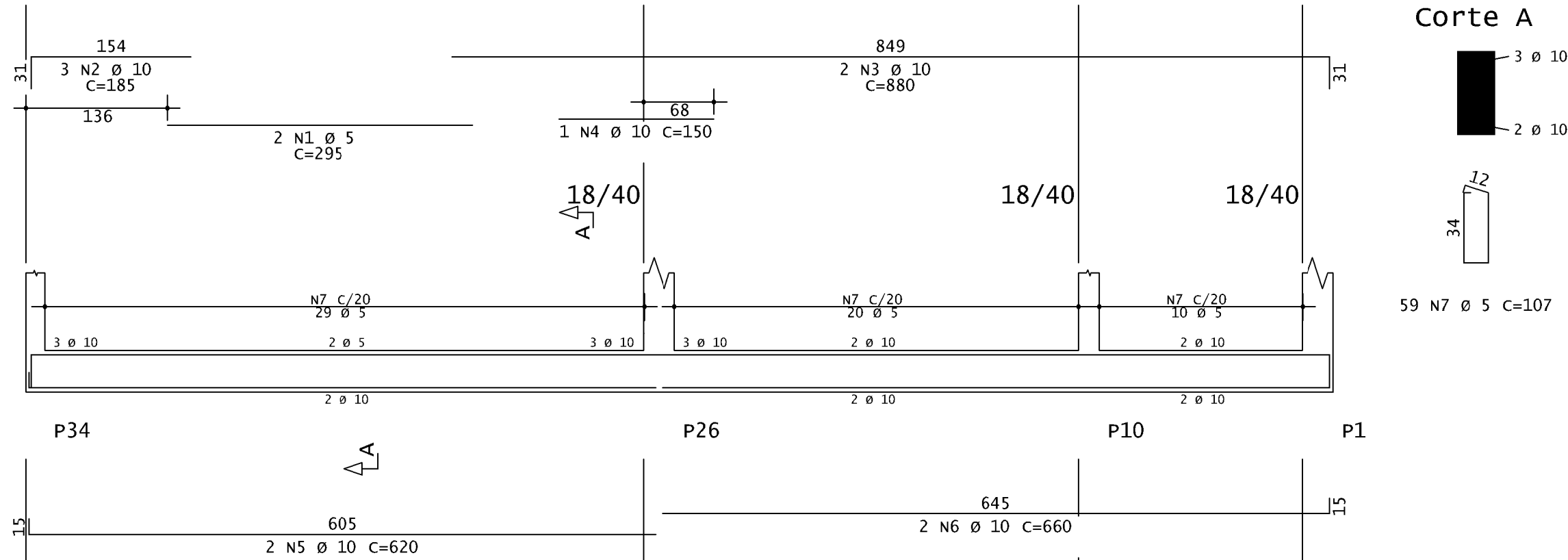
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	390	60
50A	8	51	20
50A	10	255	157
Peso Total		60A =	60 kgf
Peso Total		50A =	177 kgf

v8

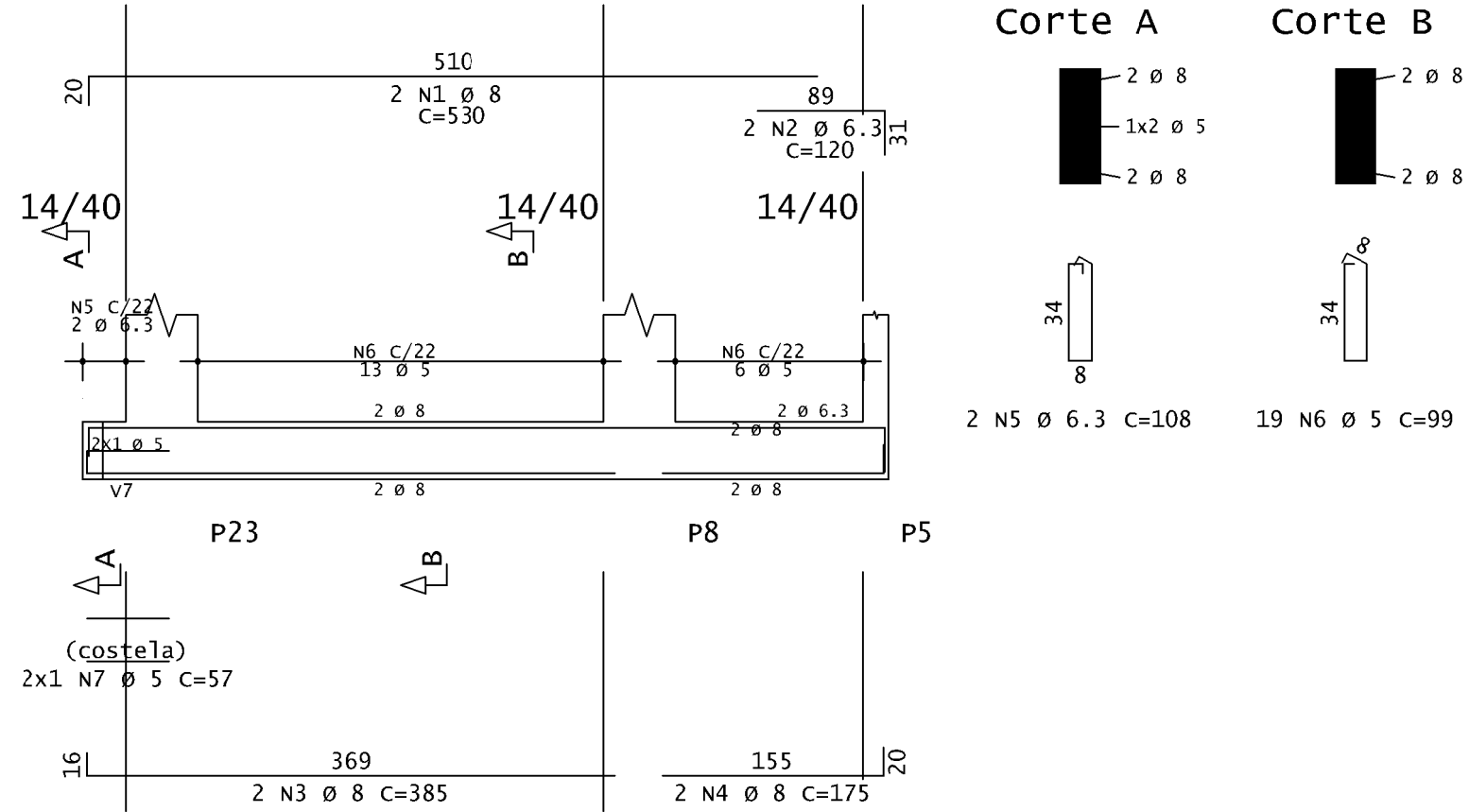


PROJETO			
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO	CPF / CNPJ:	
LOTES: 0188	QUADRA: 059	ÍNDICE IPTU: 01.1.059.0135.001	
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL		
CONTEÚDO:		DATA:	04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:	CPF / CNPJ:		
CÁMARA MUNICIPAL DE MARTINHO CAMPOS	23.886.370/0001-12		
RESPONSÁVEL TÉCNICO:	CREA:		
SÁVIO VINÍCIUS ISRAEL	CREA/ING - 359.989-D		
SÁVIOISRAEL.ENG@GMAIL.COM	(37) 9.8827-9134		
ORIENTAENG CONSULTORIA@GMAIL.COM	(37) 9.9996-7310		

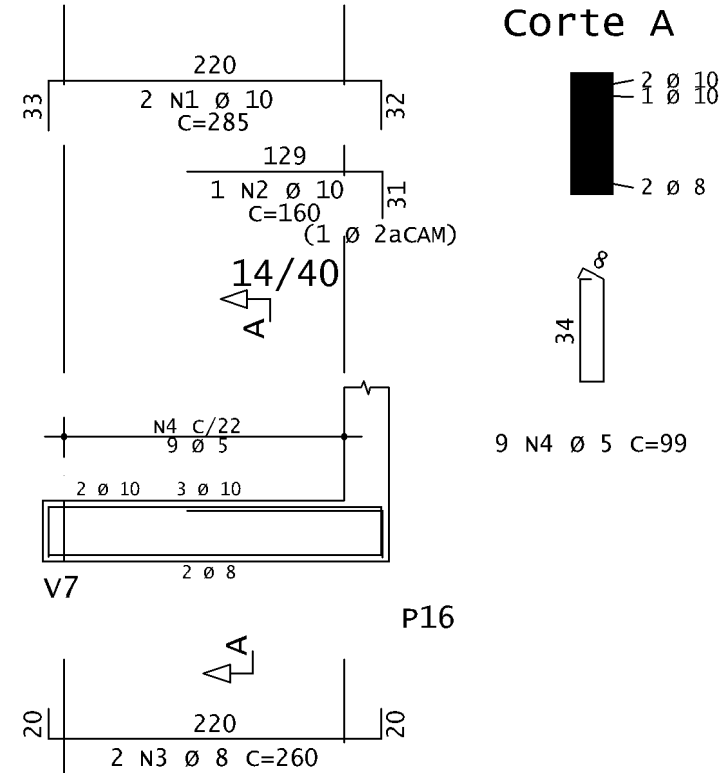
v10



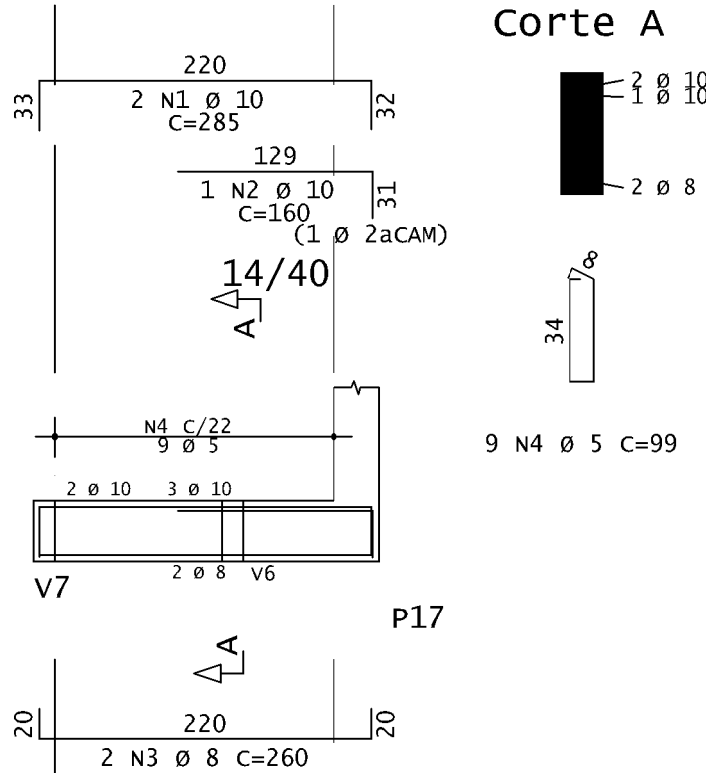
v12



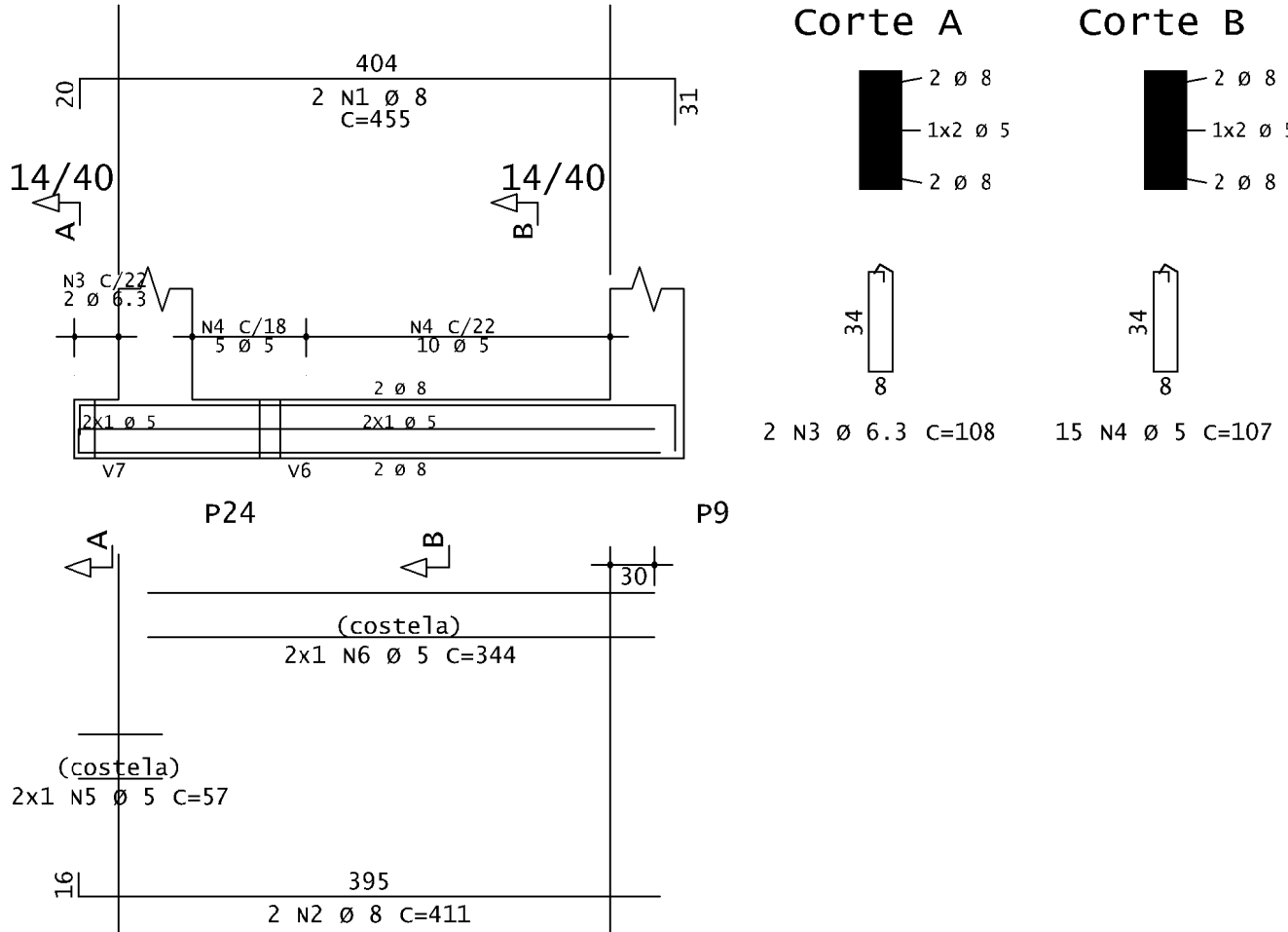
v13



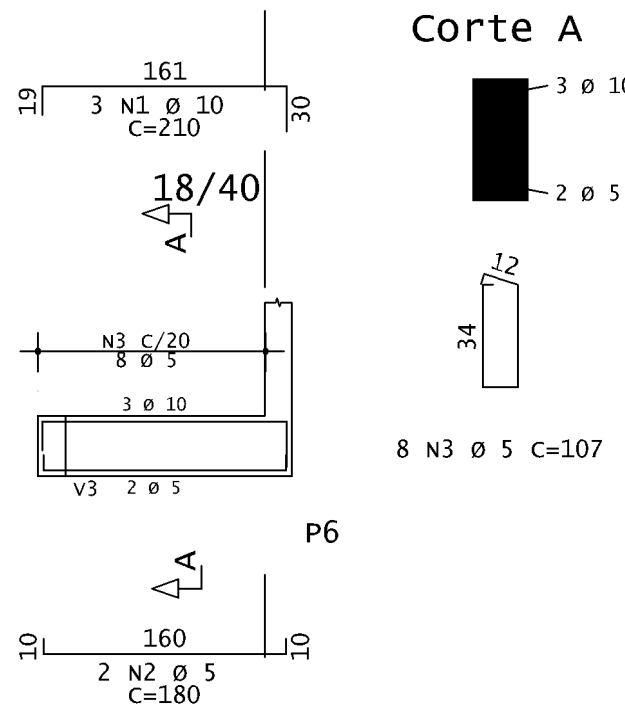
v14



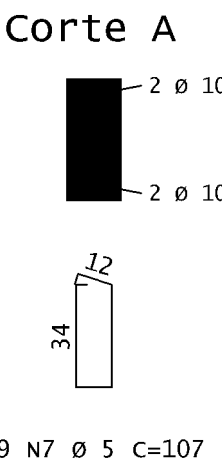
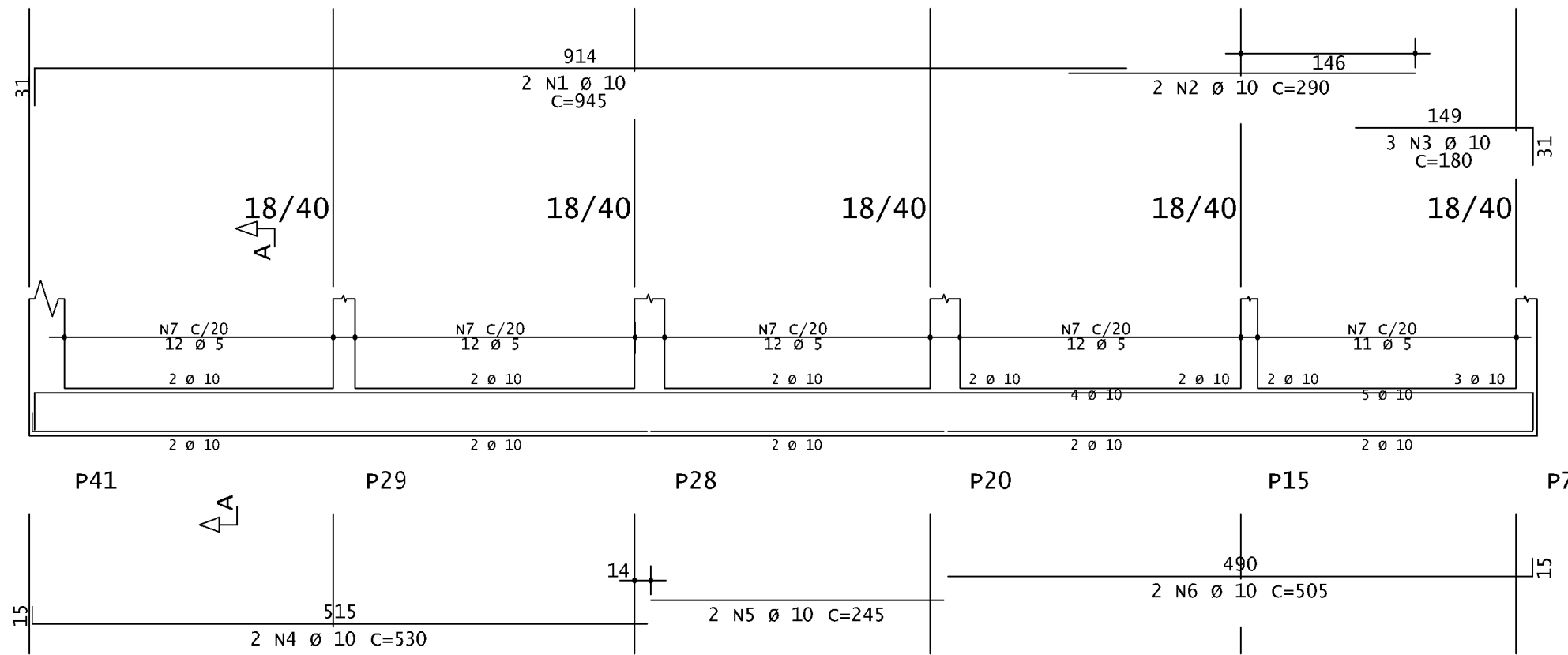
v15



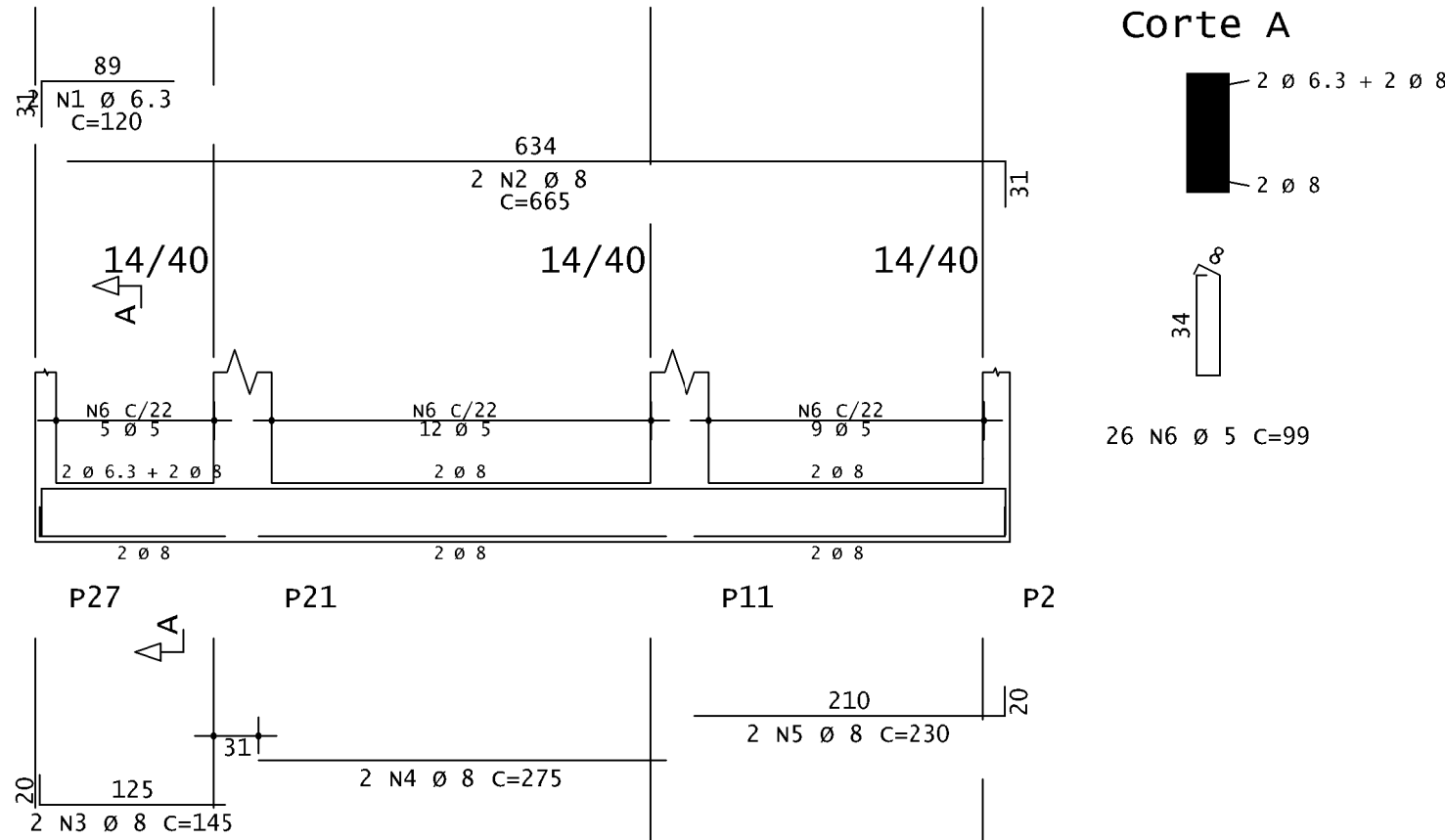
v16



v17



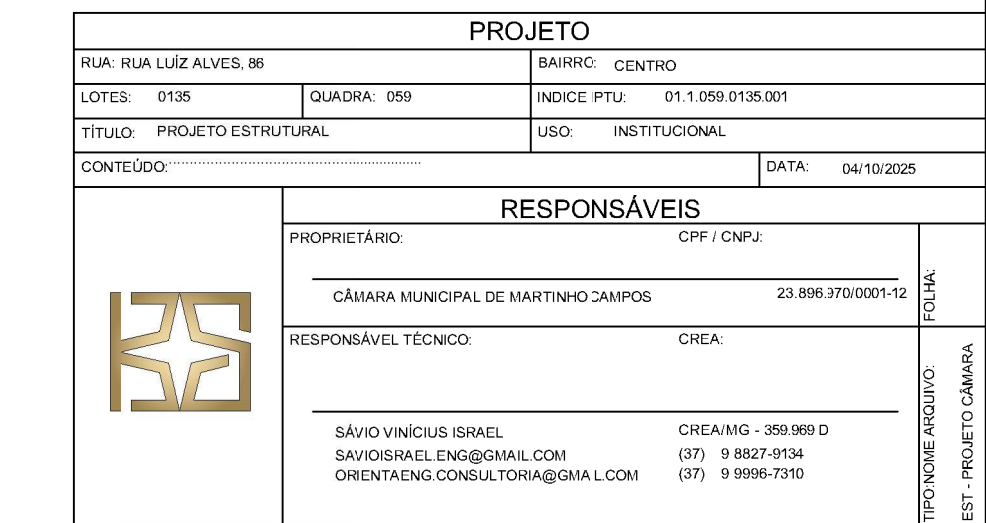
v11



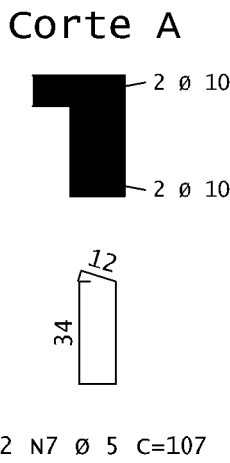
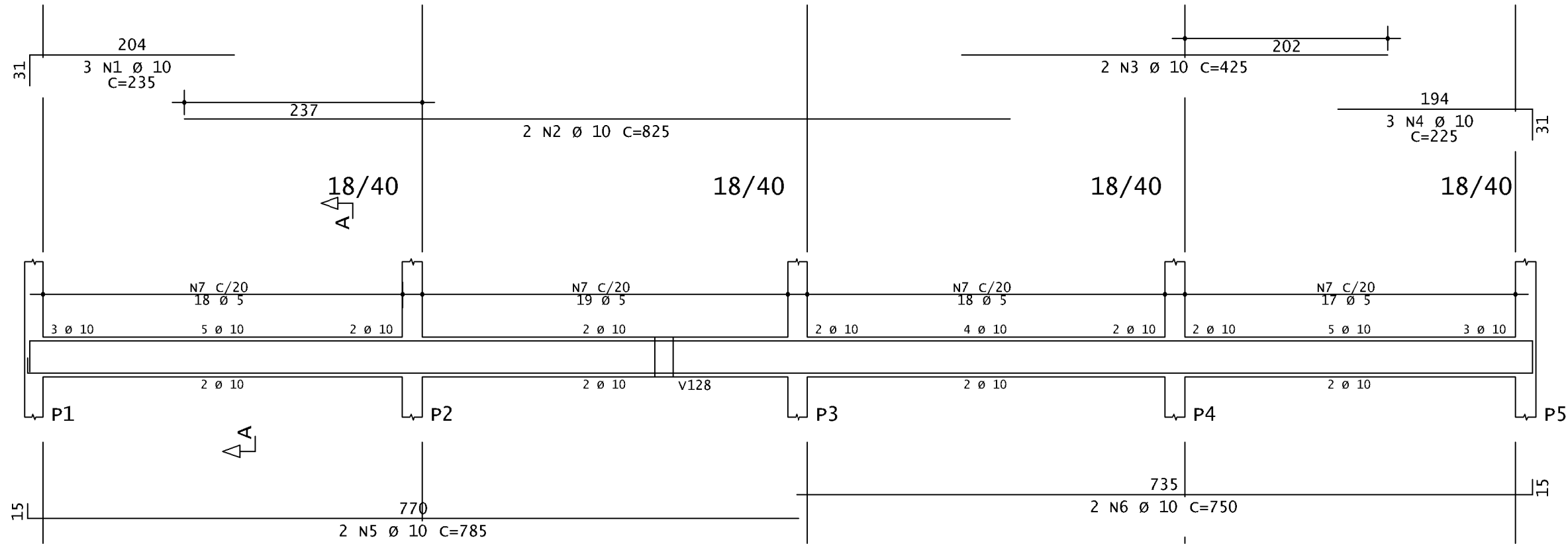
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
v10					
60A	1	5	2	295	590
50A	2	10	3	185	555
50A	3	10	2	880	1760
50A	4	10	1	150	150
50A	5	10	2	620	1240
50A	6	10	2	660	1320
60A	7	5	59	107	6313
v11					
50A	1	6.3	2	120	240
50A	2	8	2	665	1330
50A	3	8	2	145	290
50A	4	8	2	275	550
50A	5	8	2	230	460
60A	6	5	26	99	2574
v12					
50A	1	8	2	530	1060
50A	2	6.3	2	120	240
50A	3	8	2	385	770
50A	4	8	2	175	350
50A	5	6.3	2	108	216
60A	6	5	19	99	1881
60A	7	5	2	57	114
v13					
50A	1	10	2	285	570
50A	2	10	1	160	160
50A	3	8	2	260	520
60A	4	5	9	99	891
v14					
50A	1	10	2	285	570
50A	2	10	1	160	160
50A	3	8	2	260	520
60A	4	5	9	99	891
v15					
50A	1	8	2	455	910
50A	2	10	2	411	822
50A	3	6.3	2	108	216
60A	4	5	15	107	1605
60A	5	5	2	57	114
60A	6	5	2	344	688
v16					
50A	1	10	3	210	630
60A	2	5	2	180	360
60A	3	5	8	107	856
v17					
50A	1	10	2	945	1890
50A	2	10	2	290	580
50A	3	10	3	180	540
50A	4	10	2	530	1060
50A	5	10	2	245	490
50A	6	10	2	505	1010
60A	7	5	59	107	6313

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	232	36
50A	6.3	9	2
50A	8	75	30
50A	10	127	78
Peso Total	60A	=	36 kgf
Peso Total	50A	=	110 kgf

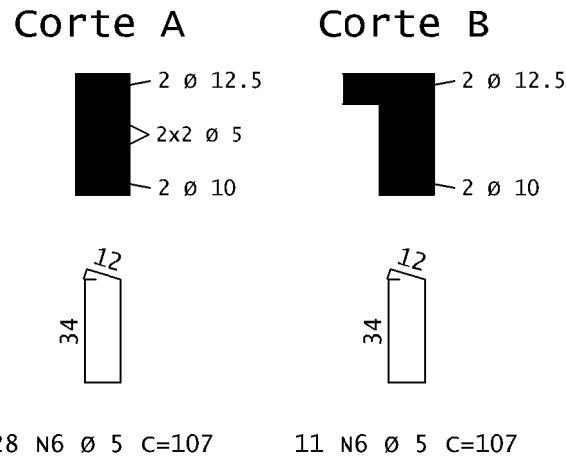
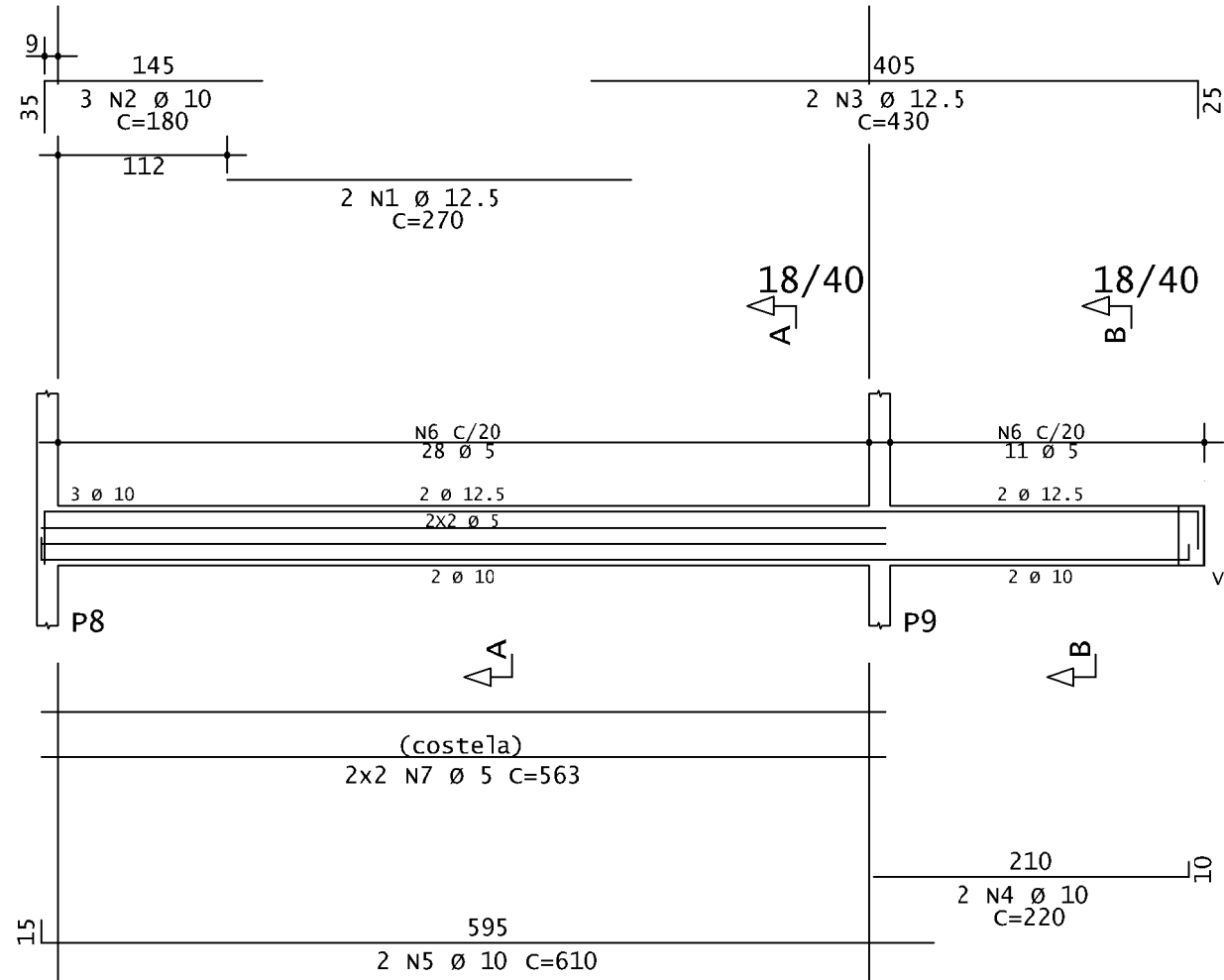
PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188	QUADRA: 089	ÍNDICE PIV: 01.1.059.0188.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA:	04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÁMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 399.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	



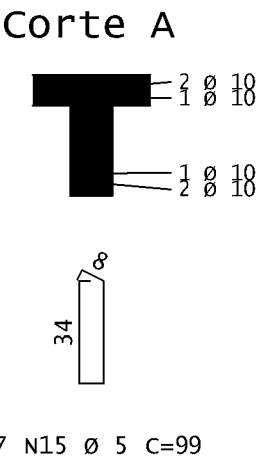
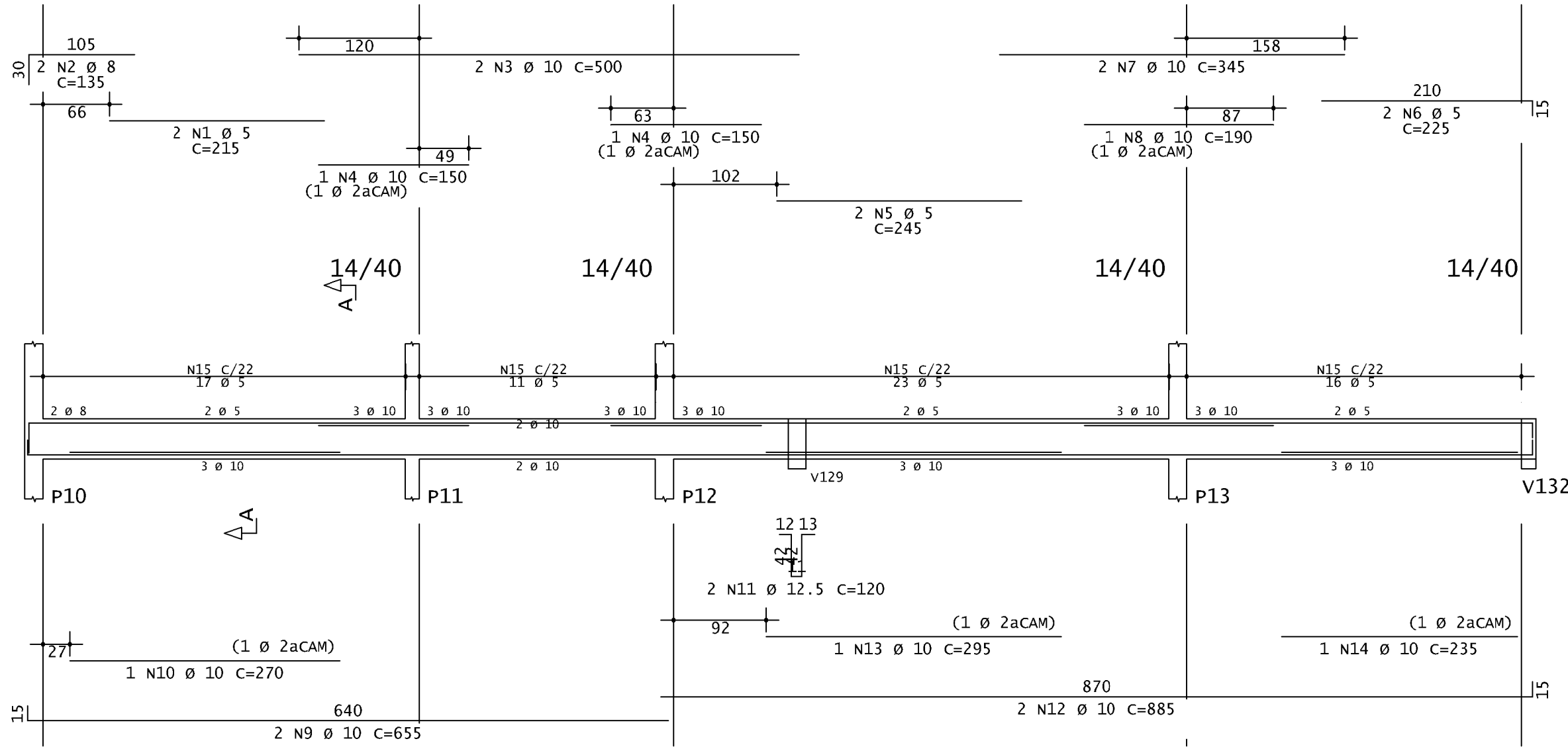
v101



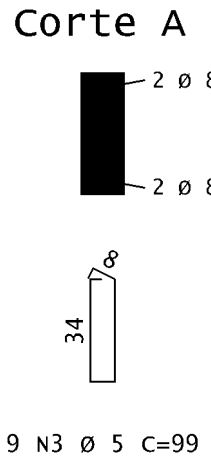
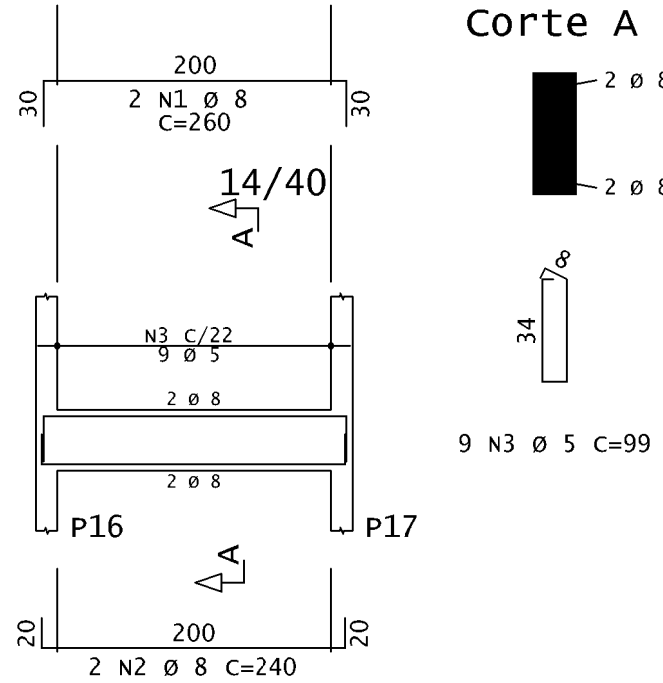
v103



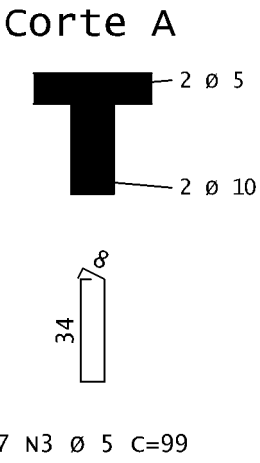
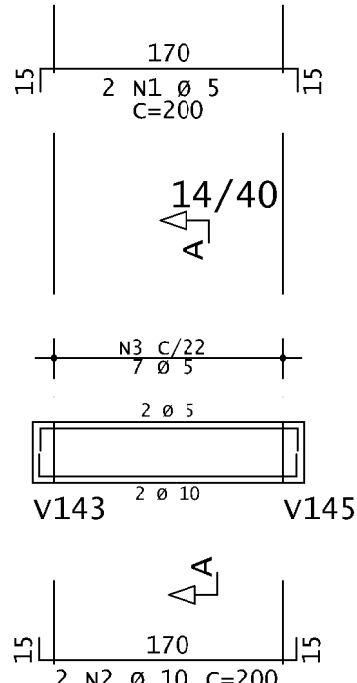
v105



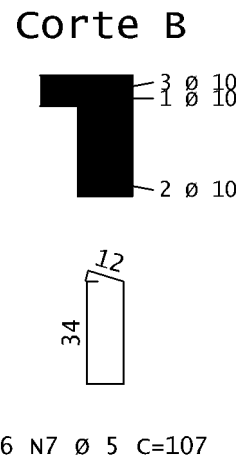
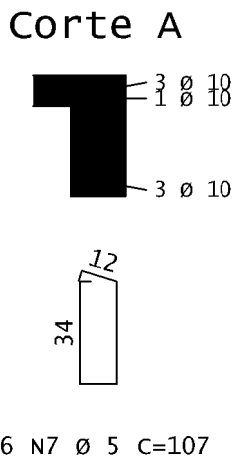
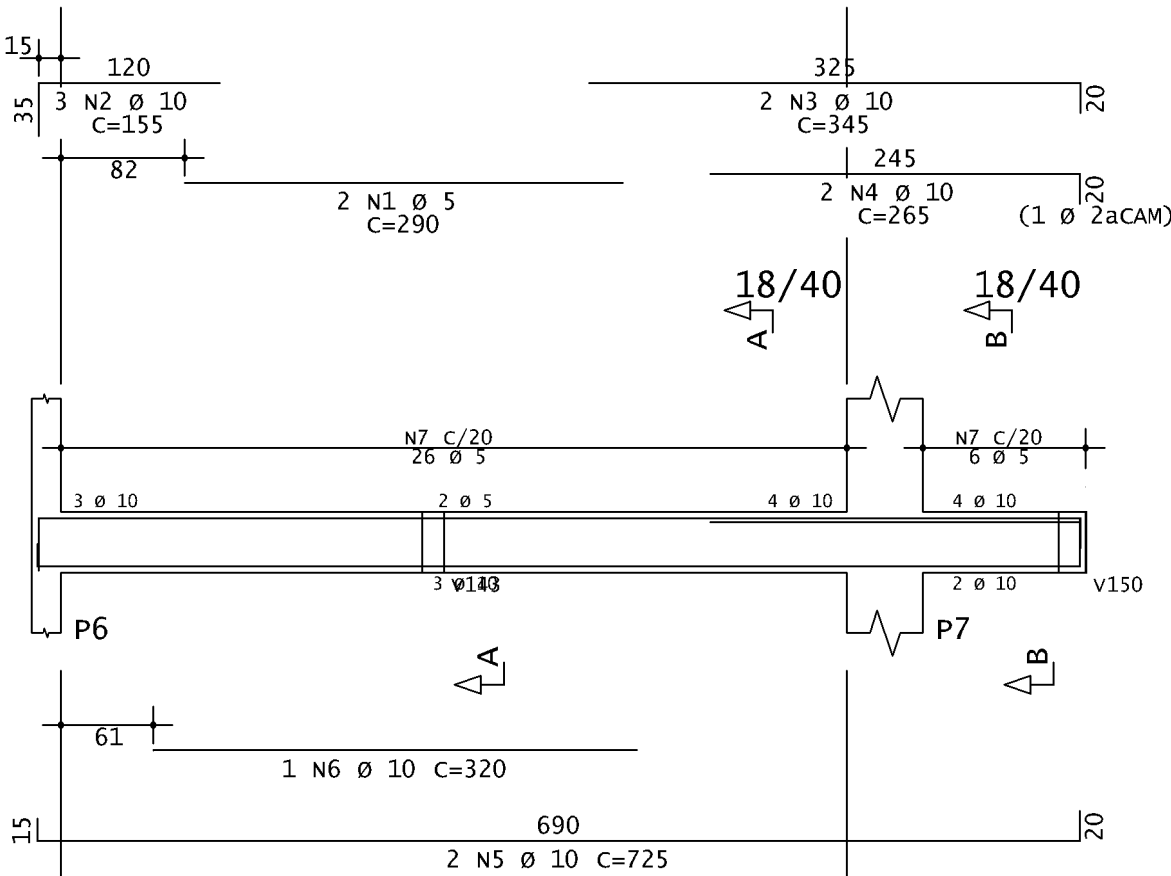
v108



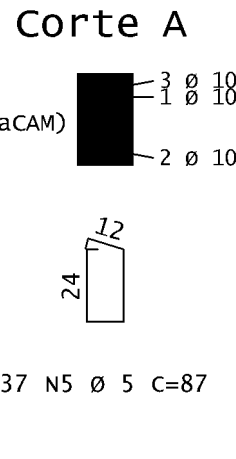
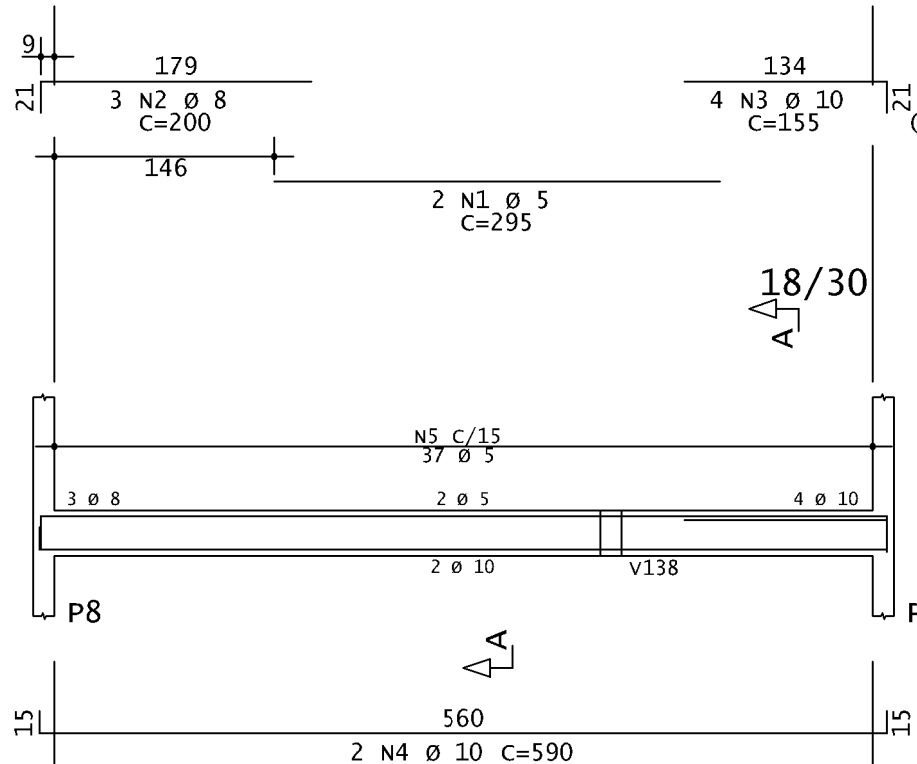
v109



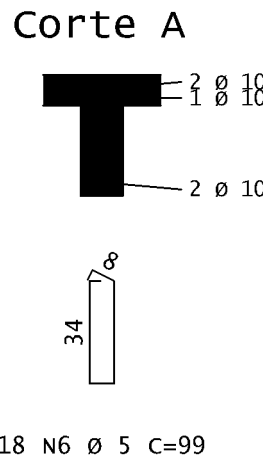
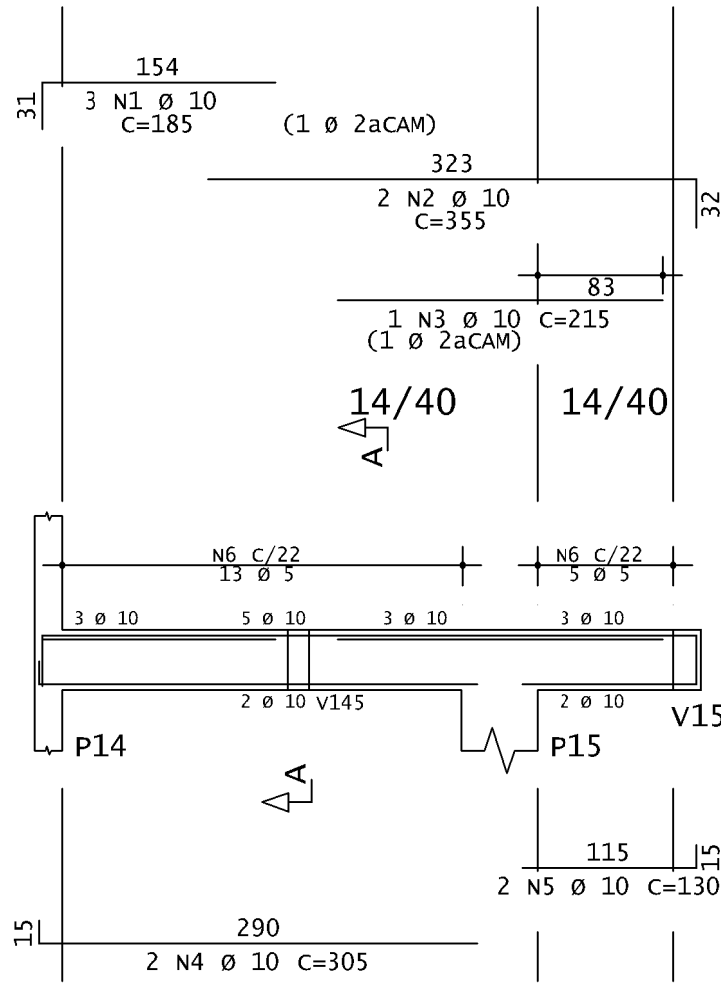
v102



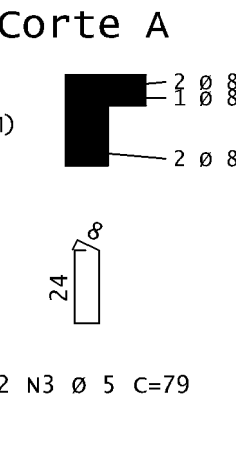
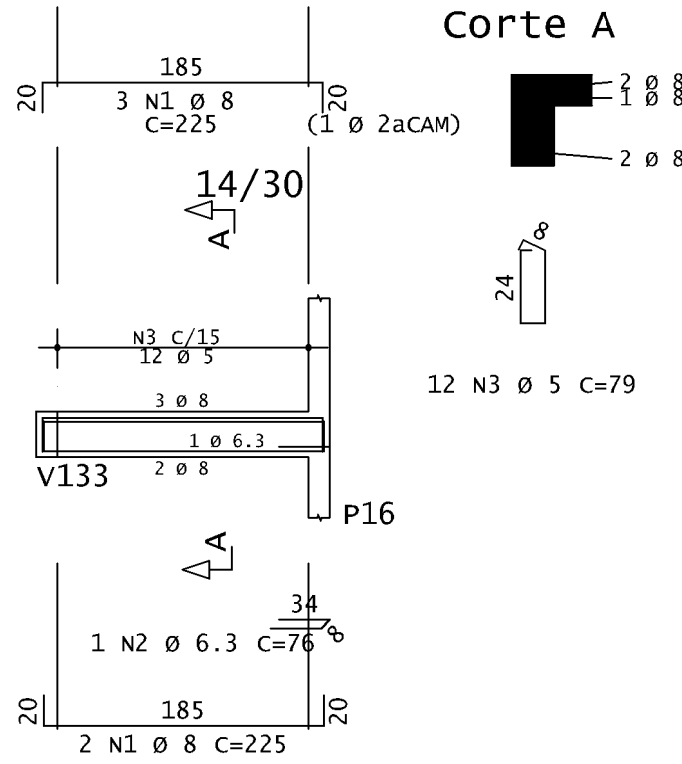
v104



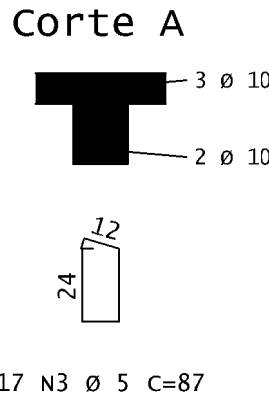
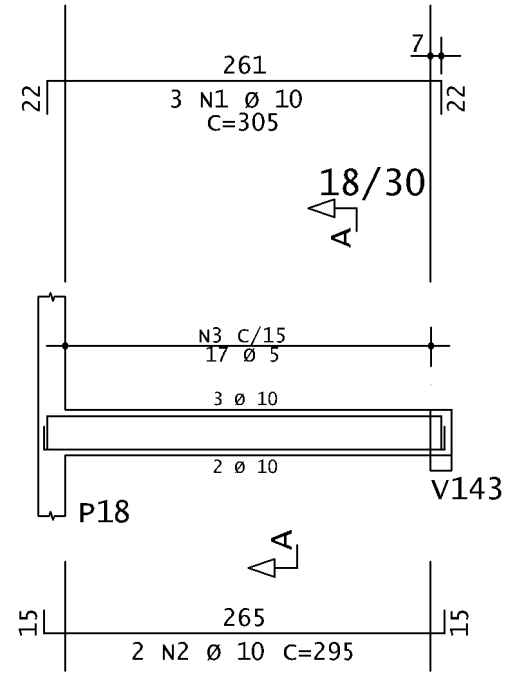
v106



v107



v110

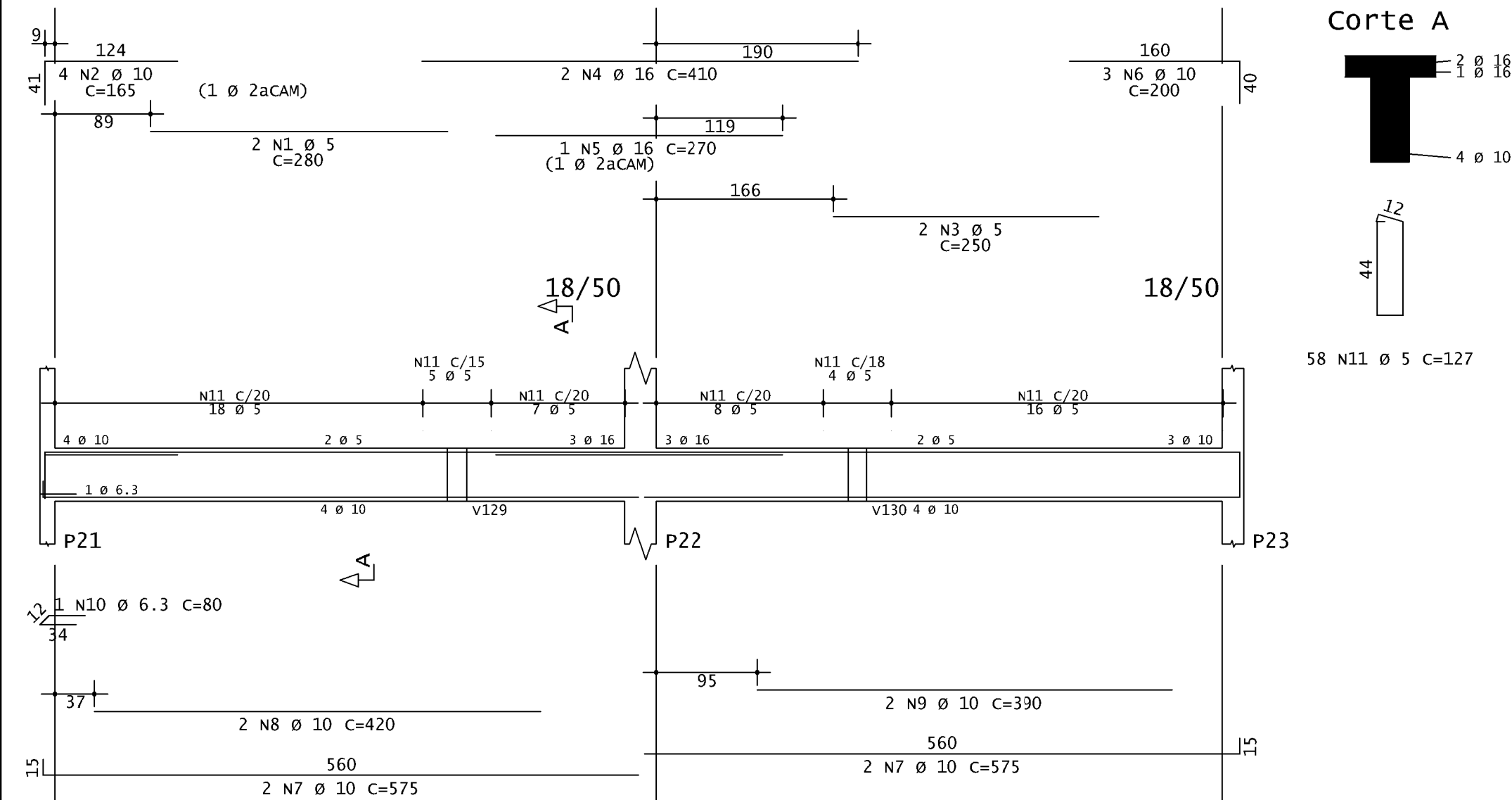


AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
v101					
50A	1	10	3	235	705
50A	2	10	2	825	1650
50A	3	10	2	425	850
50A	4	10	3	225	675
50A	5	10	2	785	1570
50A	6	10	2	750	1500
60A	7	5	72	107	7704
v102					
60A	1	5	2	290	580
50A	2	10	3	155	465
50A	3	10	2	345	690
50A	4	10	2	265	530
50A	5	10	2	725	1450
50A	6	10	1	320	320
60A	7	5	32	107	3424
v103					
50A	1	12.5	2	270	540
50A	2	10	3	180	540
50A	3	12.5	2	430	860
50A	4	10	2	220	440
50A	5	10	2	610	1220
60A	6	5	39	107	4173
60A	7	5	4	563	2252
v104					
60A	1	5	2	295	590
50A	2	8	3	600	600
50A	3	10	4	155	620
50A	4	10	2	590	1180
60A	5	5	37	87	3219
v105					
60A	1	5	2	215	430
50A	2	8	2	135	270
50A	3	10	2	500	1000
50A	4	10	2	150	300
60A	5	5	2	245	490
60A	6	5	2	225	450
50A	7	10	2	345	690
50A	8	10	1	190	190
50A	9	10	2	655	1310
50A	10	10	1	270	270
50A	11	12.5	2	120	240
50A	12	10	2	885	1770
50A	13	10	1	295	295
50A	14	10	1	235	235
60A	15	5	67	99	6633
v106					
50A	1	10	3	185	555
50A	2	10	2	355	710
50A	3	10	1	215	215
50A	4	10	2	305	610
50A	5	10	2	130	260
60A	6	5	18	99	1782
v107					
50A	1	8	5	225	1125
50A	2	6.3	1	76	76
60A	3	5	12	79	948
v108					
50A	1	8	2	260	520
50A	2	8	2	240	480
60A	3	5	9	99	891
v109					
60A	1	5	2	200	400
50A	2	10	2	200	400
60A	3	5	7	99	693
v110					
50A	1	10	3	305	915
50A	2	10	2	295	590
60A	3	5	17	87	1479

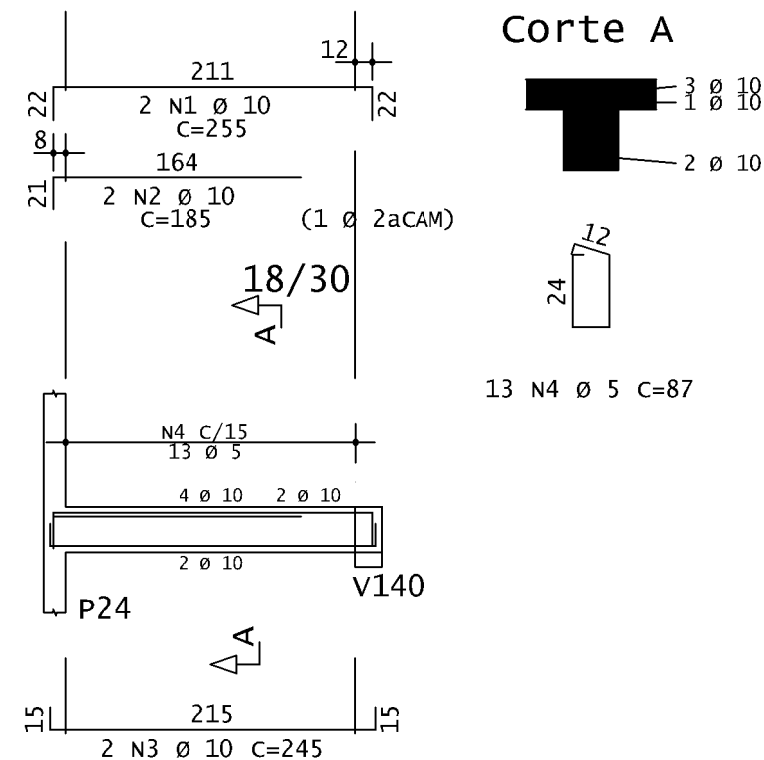
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	361	56
50A	6.3	1	0
50A	8	30	12
50A	10	247	153
50A	12.5	16	16
Peso Total		60A =	56 kgf
Peso Total		50A =	180 kgf

PROJETO	
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO
LOTES: 0188	QUADRA: 089
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL
CONTEÚDO:	DATA: 04/10/2025
RESPONSÁVEIS	
PROPRIETÁRIO:	CPF / CNPJ:
CÁMARA MUNICIPAL DE MARTINHO CAMPOS	23.886.370/0001-12
RESPONSÁVEL TÉCNICO:	CREA:
SÁVIO VINÍCIUS ISRAEL	CREA/ING - 299.989-D
SAVIOISRAEL.ENG@GMAIL.COM	(37) 9.8827-9134
ORIENTAENG CONSULTORIA@GMAIL.COM	(37) 9.9996-7310
ESPONSOE PROJETO	
EST. PROJETO CAMARA	

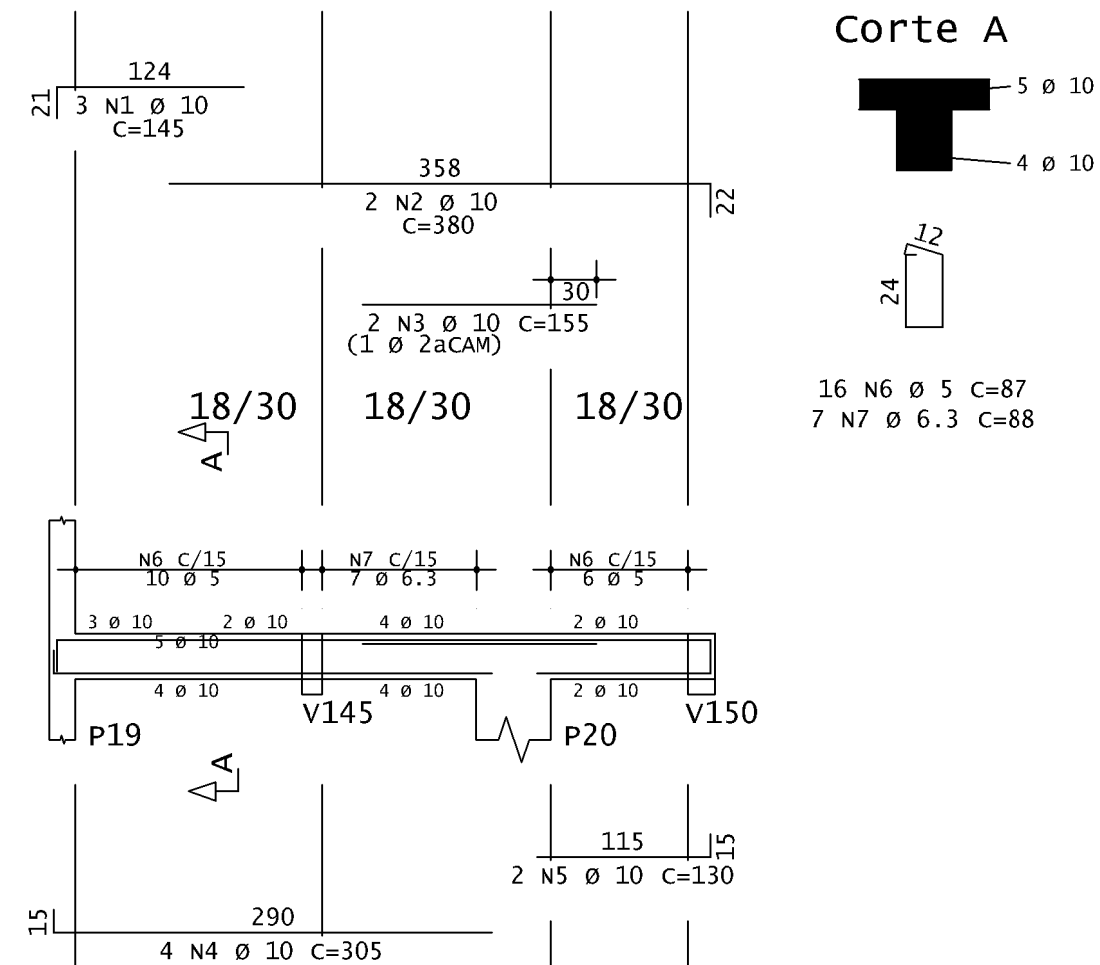
v111



v112



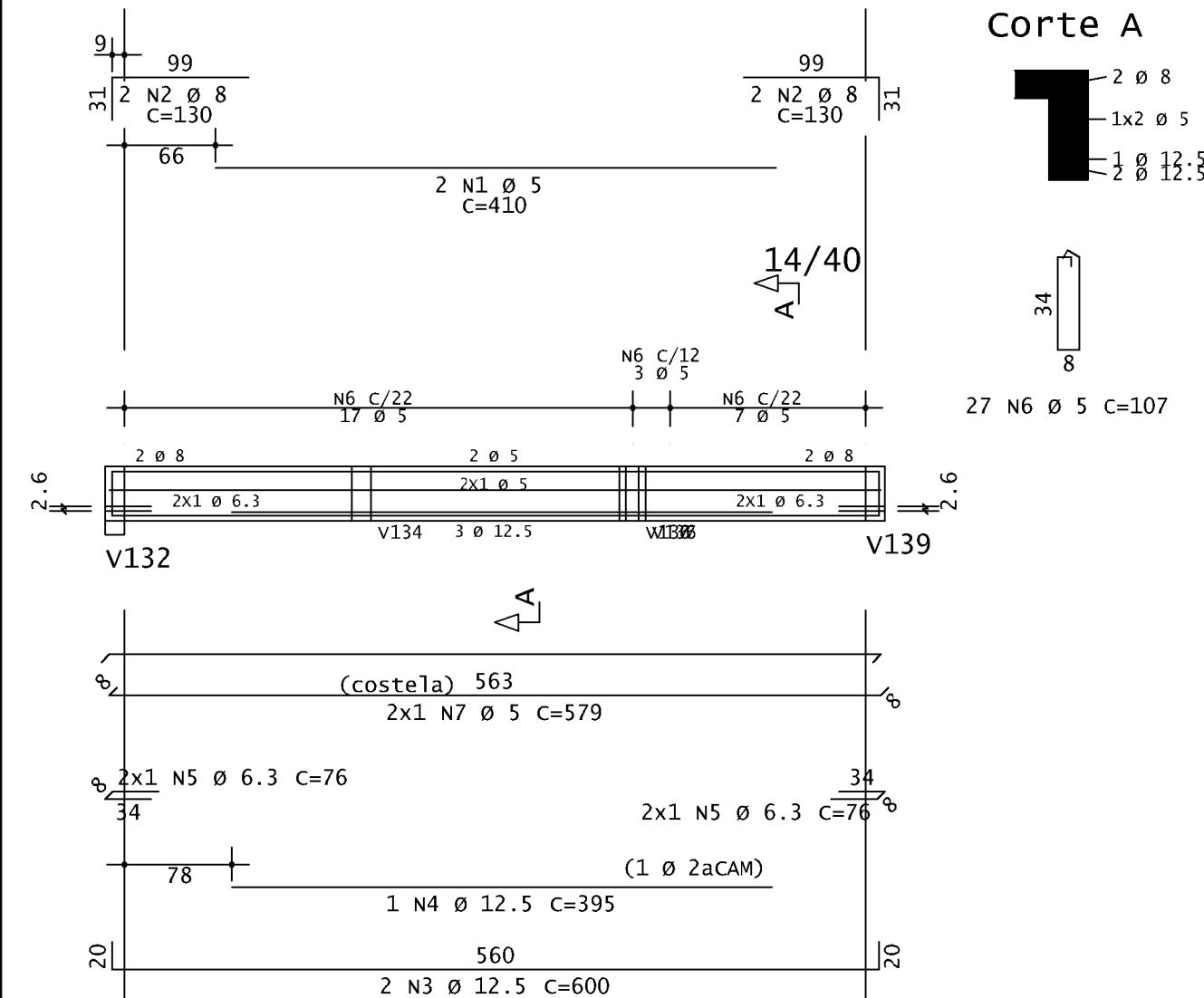
v113



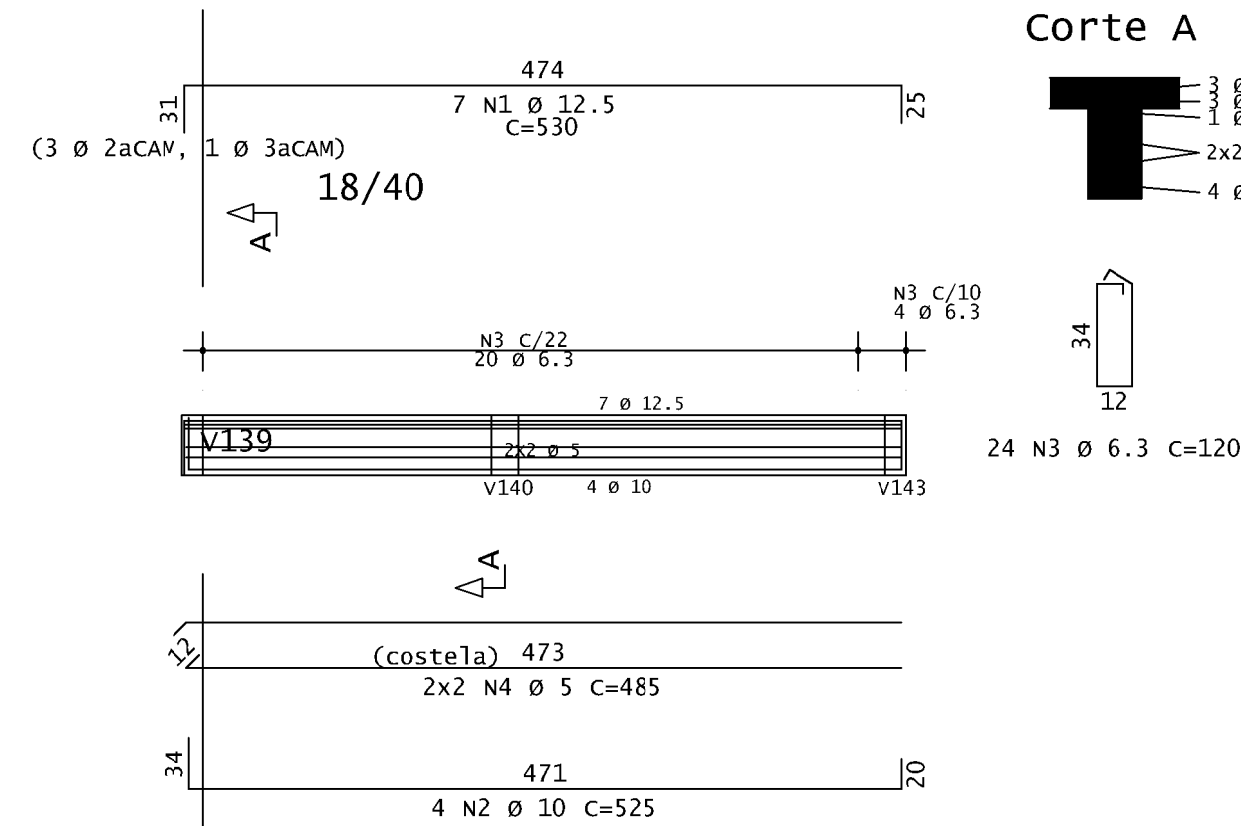
V111	AÇO	POS	BIT		QUANT	COMPRIMENTO	
			mm			UNIT	TOTAL
						Cm	Cm
	60A	1	5	2	280	560	
	50A	2	10	4	165	660	
	50A	3	5	2	250	500	
	50A	4	16	2	410	820	
	50A	5	16	1	270	270	
	50A	6	10	3	200	600	
	50A	7	10	4	575	2300	
	50A	8	10	2	420	840	
	50A	9	10	2	390	780	
	50A	10	6.3	1	80	80	
	60A	11	5	58	127	7366	
V112							
	50A	1	10	2	255	510	
	50A	2	10	2	185	370	
	50A	3	10	2	245	490	
	60A	4	5	13	87	1131	
V113							
	50A	1	10	3	145	435	
	50A	2	10	2	380	760	
	50A	3	10	2	155	310	
	50A	4	10	4	305	1220	
	50A	5	10	2	130	260	
	60A	6	5	16	87	1392	
	50A	7	6.3	7	88	616	
V114							
	60A	1	5	2	410	820	
	50A	2	8	4	130	520	
	50A	3	12.5	2	600	1200	
	50A	4	12.5	1	395	395	
	50A	5	6.3	4	76	304	
	60A	6	5	27	107	2889	
	60A	7	5	2	579	1158	
V115							
	50A	1	12.5	7	530	3710	
	50A	2	10	4	525	2100	
	50A	3	6.3	24	120	2880	
	60A	4	5	4	485	1940	
V116							
	50A	1	10	4	315	1260	
	50A	2	10	2	315	630	
	50A	3	6.3	15	120	1800	
	60A	4	5	2	268	536	
V117							
	50A	1	10	3	235	705	
	50A	2	10	2	245	490	
	50A	3	10	2	415	830	
	50A	4	10	1	255	255	
	60A	5	5	16	99	1584	
V118							
	50A	1	12.5	2	720	1440	
	50A	2	12.5	2	245	490	
	50A	3	12.5	3	550	1650	
	50A	4	12.5	2	205	410	
	50A	5	6.3	2	225	450	
	50A	6	16	2	475	950	
	50A	7	16	1	250	250	
	50A	8	10	4	165	660	
	50A	9	10	2	905	1810	
	50A	10	10	1	220	220	
	50A	11	12.5	3	120	360	
	50A	12	10	2	285	285	
	50A	13	12.5	2	120	240	
	50A	14	10	2	1015	2030	
	50A	15	10	1	325	325	
	50A	16	10	1	265	530	
	50A	17	5	74	107	7818	
	50A	18	6.3	24	108	2592	
V119							
	50A	1	10	3	490	1470	
	50A	2	10	4	475	1900	
	50A	3	10	2	295	590	
	50A	4	6.3	2	80	160	
	60A	5	5	21	107	2247	

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	300	46
50A	6.3	89	22
50A	8	5	2
50A	10	256	158
50A	12.5	99	95
50A	16	23	36
Peso Total	60A =		46 kgf
Peso Total	50A =		313 kaf

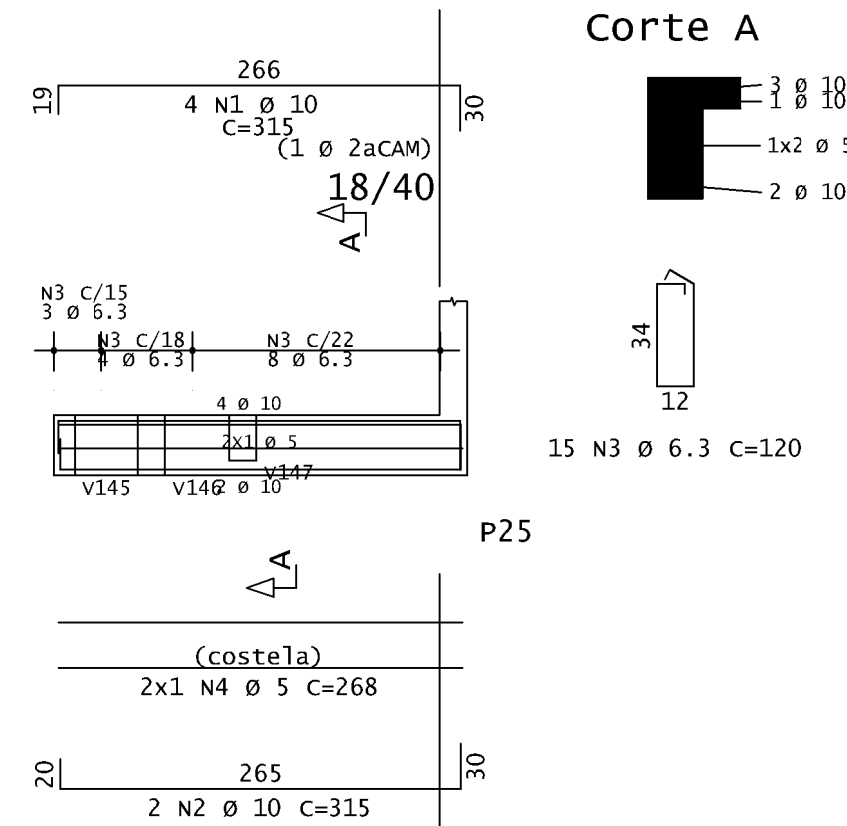
v114



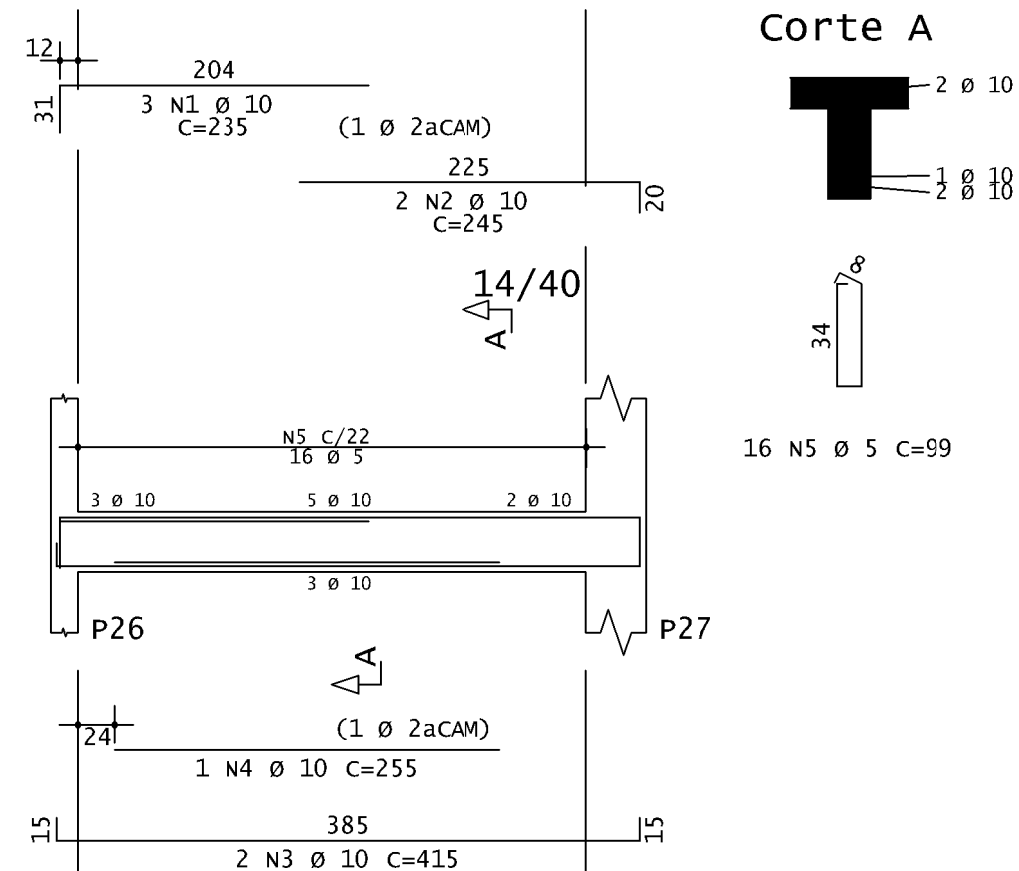
v115



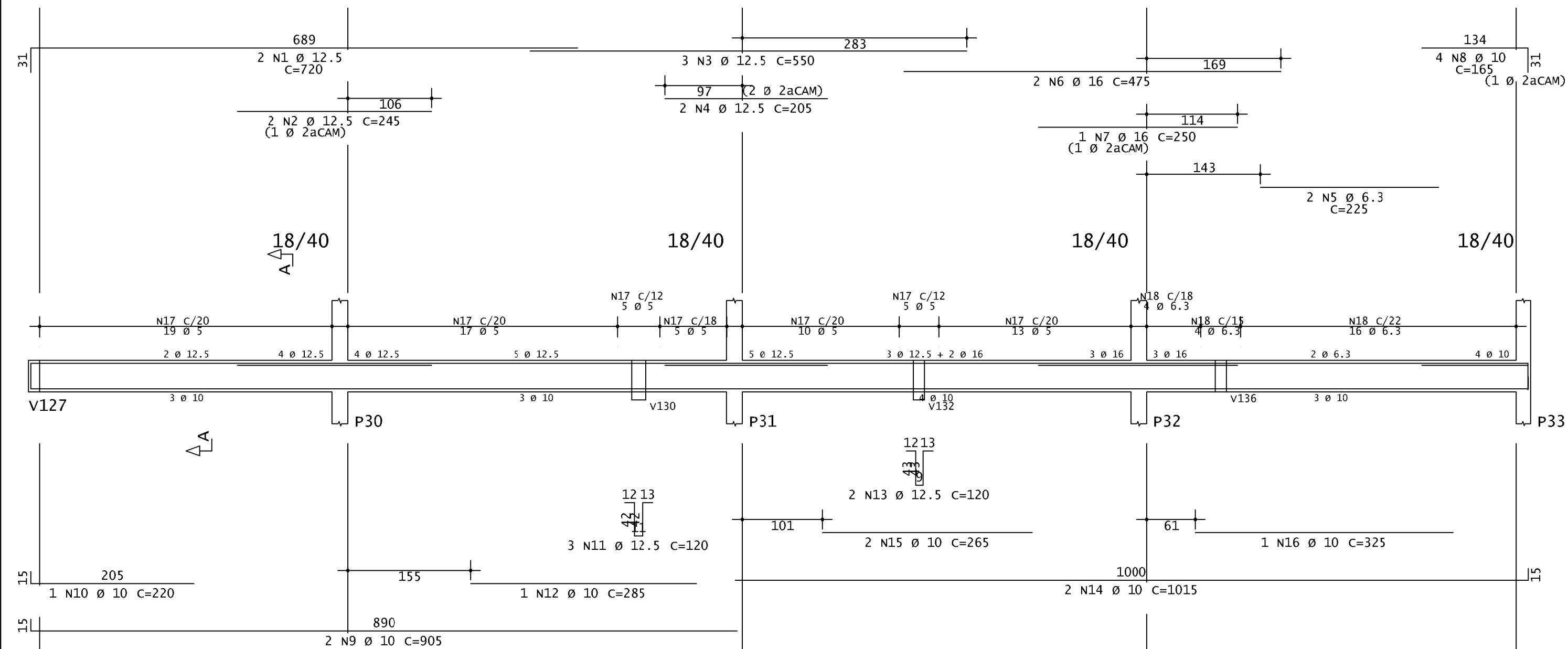
v116



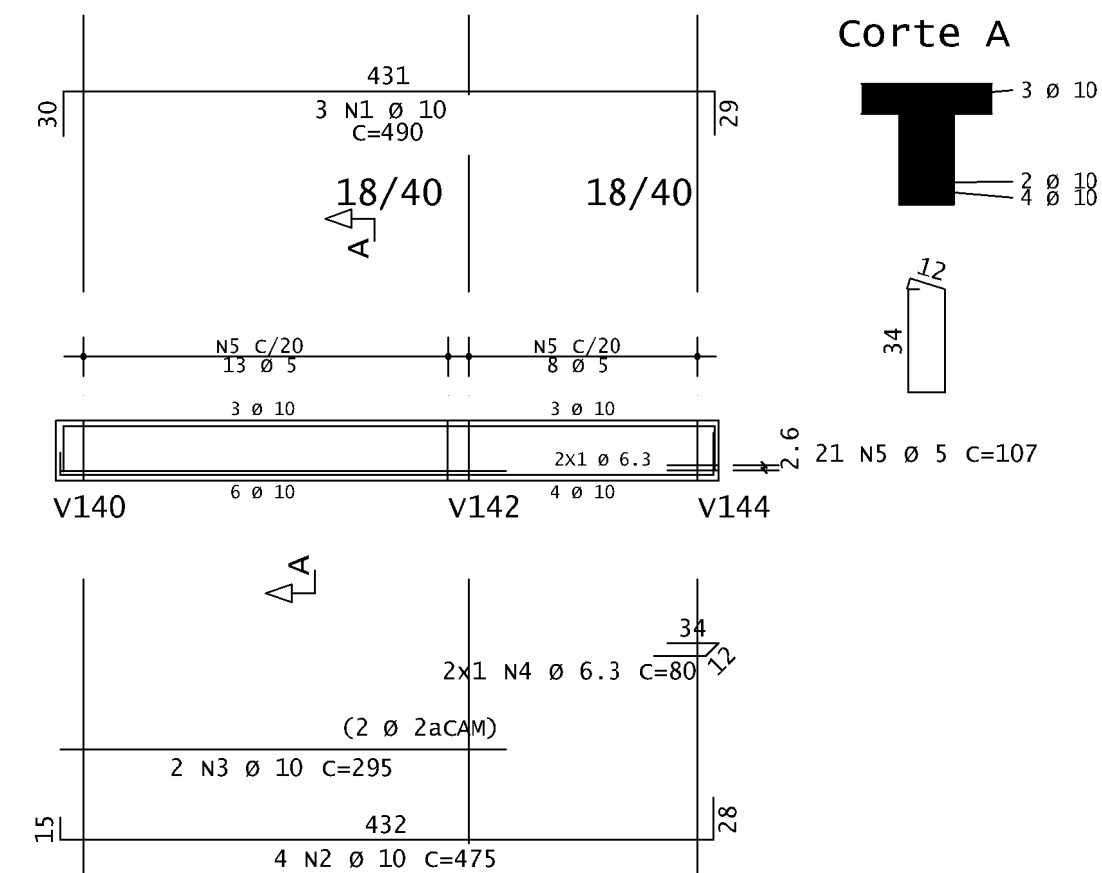
v117



v118

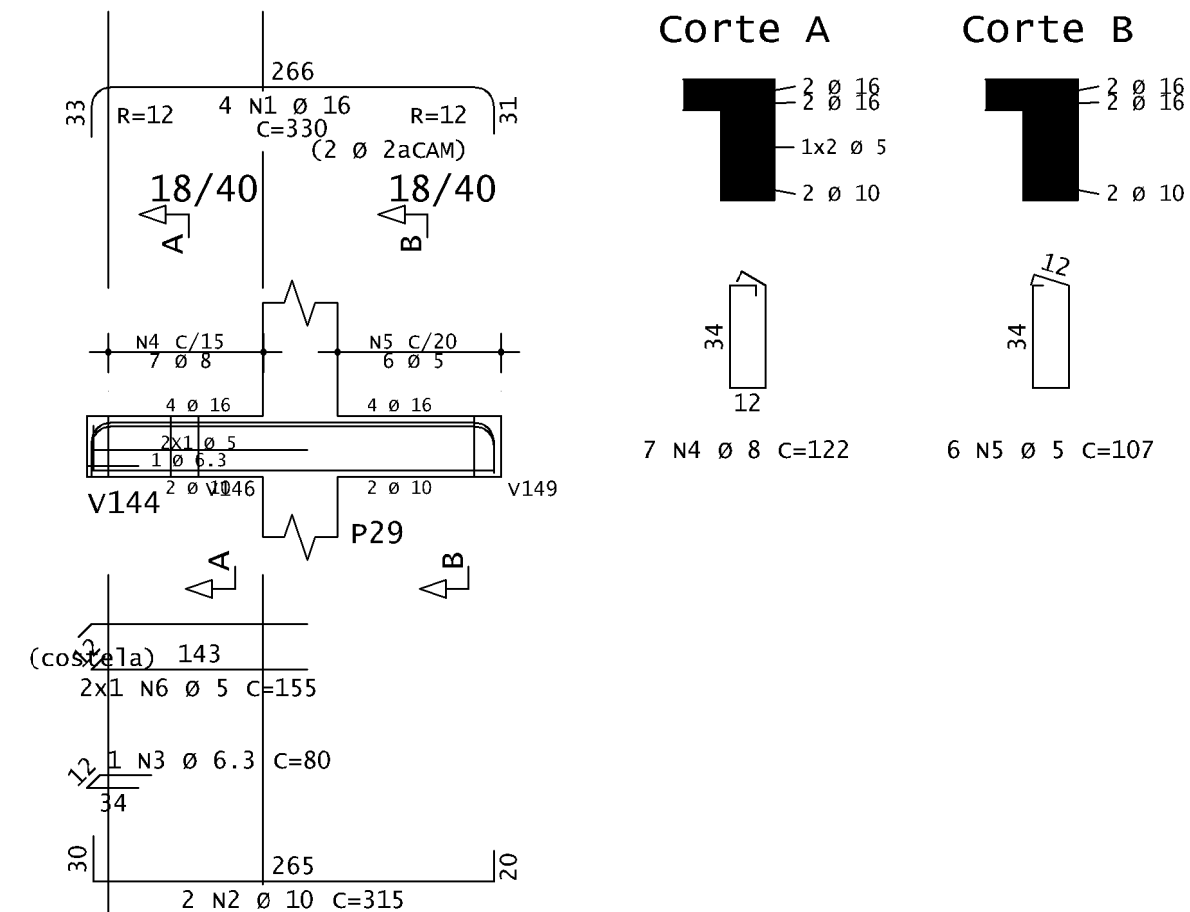


v119

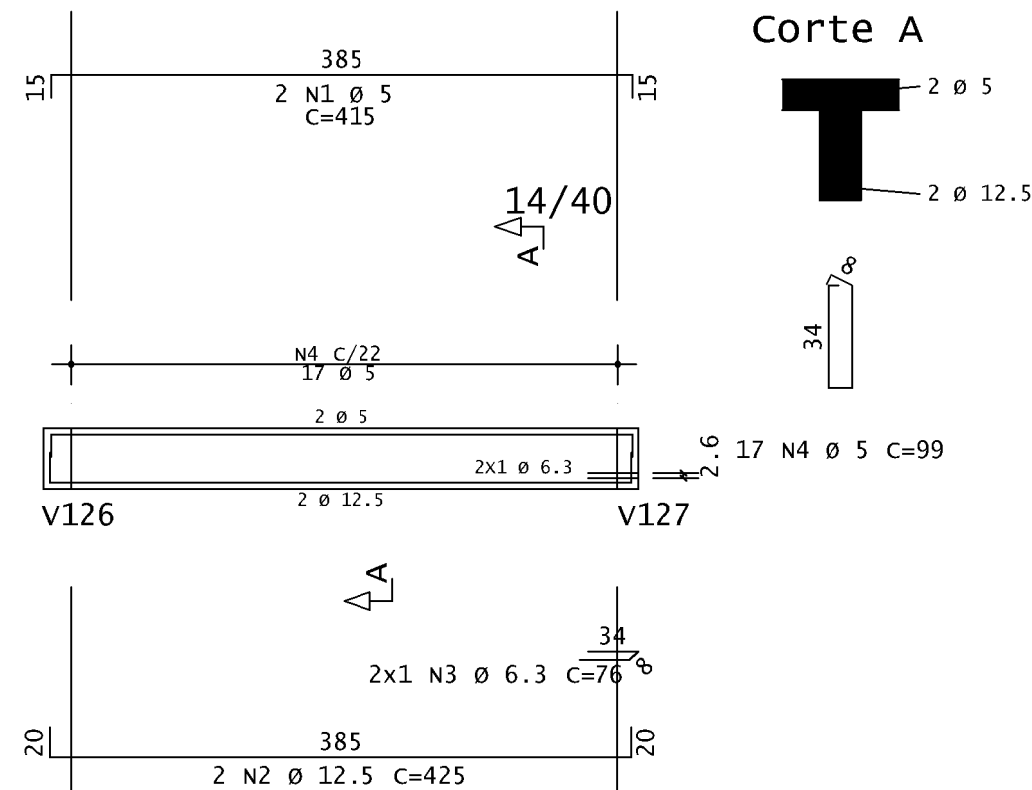


<div> <div>  </div> <div> <p> PROJETO RUA: RUA LUZILVES, 86 LOTES: 01/36 QUADRA: 059 TÍTULO: PROJETO ESTRUTURAL </p> </div> </div>		<div> <div> <p> BARRIO: CENTRO INDICE PTL: 01:1.059/0135.001 USO: INSTITUCIONAL </p> </div> <div> <p> CONTEÚDO: _____ DATA: 04/10/2025 </p> </div> </div>	
<div> <div> <p>RESPONSÁVEIS</p> <p> PROPRIETÁRIO: CPF: CNPJ: _____ CÁMARA MUNICIPAL DE MARTINHO CAMPOS 23.899.073-0001-10 </p> <p> RESPONSÁVEL TÉCNICO: CREA: _____ SÁDIO VINÍCIUS ISRAEL CREAING - 359.969 D SÁDIO VINÍCIUS ENGENHEIRA COM (17) 9.18037-0134 ORIENTAÇÃO CONSULTORIA@GMAIL.COM (37) 9.9996-7370 </p> </div> <div> <p> ESTADO: _____ CIDADE: _____ PROJETO: _____ </p> </div> </div>			

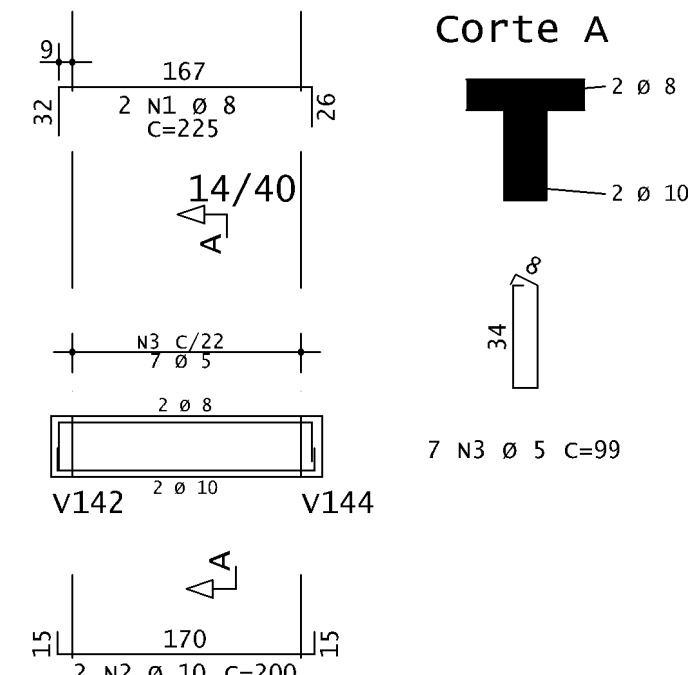
v120



v121



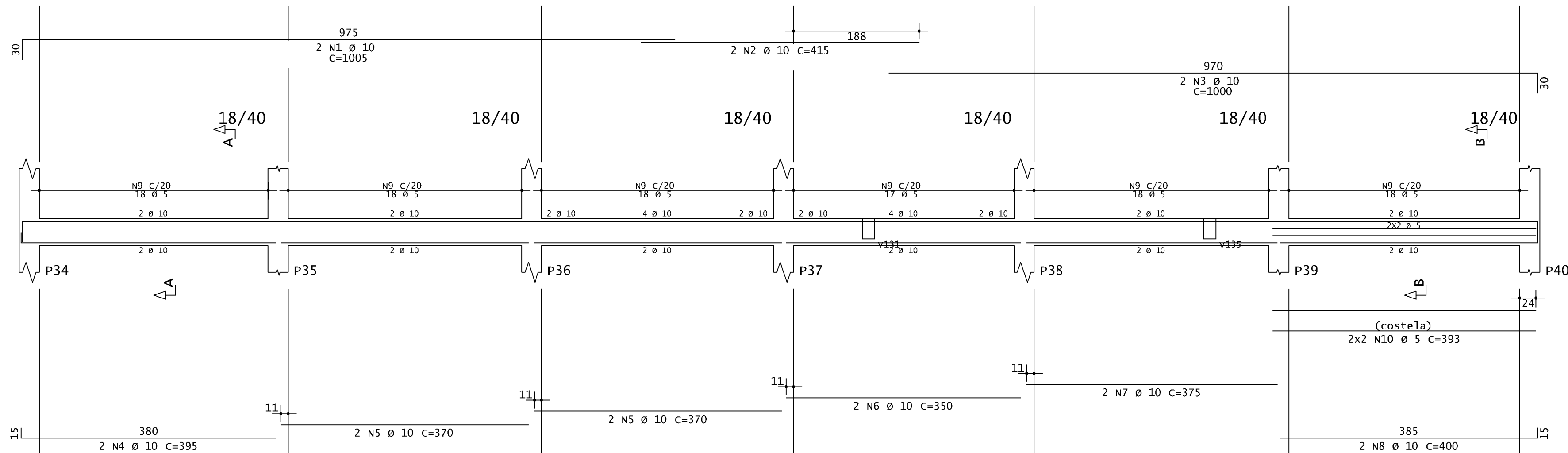
v122



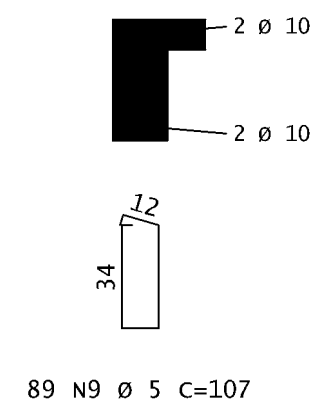
	AÇO	POS	BIT	QUANT	COMPRIMENTO	
			mm		UNIT cm	TOTAL cm
V120	50A	1	16	4	330	1320
	50A	2	10	2	315	630
	50A	3	6,3	1	80	80
	50A	4	7	12	854	854
	60A	5	5	6	107	642
	60A	6	5	2	155	310
V121	60A	1	5	2	415	830
	50A	2	12,5	2	425	850
	50A	3	6,3	2	76	152
	50A	4	5	17	99	1683
V122	50A	1	8	2	225	450
	50A	2	10	2	200	400
V123	60A	3	5	7	99	693
	50A	1	10	2	1005	2010
	50A	2	10	2	415	830
V123	50A	3	10	2	1000	2000
	50A	4	10	2	395	790
	50A	5	10	4	370	1480
	50A	6	10	2	350	700
	50A	7	10	2	375	750
	50A	8	10	2	400	800
	50A	9	5	107	107	11449
	60A	10	5	4	393	1572
	V124	50A	1	6,3	2	185
50A		2	10	2	185	370
60A		3	5	9	87	783
V125	50A	1	10	4	480	1920
	50A	2	10	2	335	670
	50A	3	10	1	205	205
	50A	4	10	2	690	1380
	50A	5	5	1	305	305
	50A	6	5	31	127	3937
V126	60A	1	5	2	325	650
	50A	2	10	4	150	600
	50A	3	16	5	510	1020
	50A	4	16	1	215	215
	50A	5	10	2	455	910
	50A	6	12,5	2	630	1260
	50A	7	12,5	3	395	790
	50A	8	10	2	660	1320
	50A	9	6,3	1	90	90
	60A	10	5	59	107	6313
V131	50A	1	10	2	285	570
	50A	2	10	2	275	550
	60A	3	5	14	87	1218

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	301	46
50A	6.3	7	2
50A	8	13	5
50A	10	192	118
50A	12.5	29	28
50A	16	26	40
Peso Total	60A =	26	46 kgf
Peso Total	50A =		193 kgf

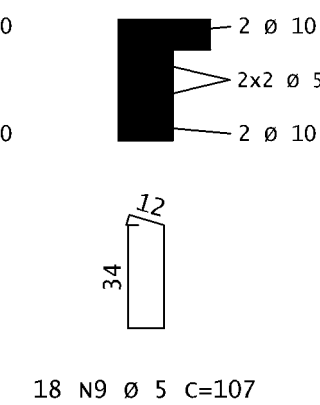
v123



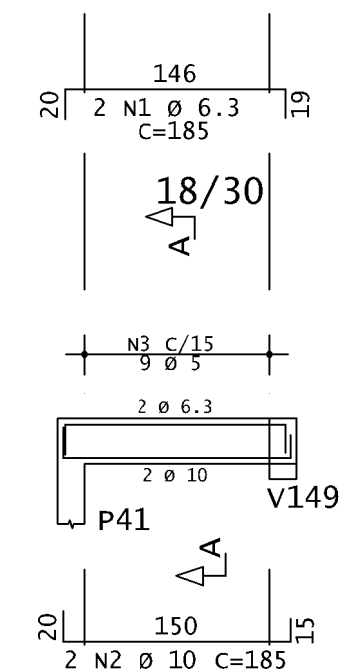
Corte A



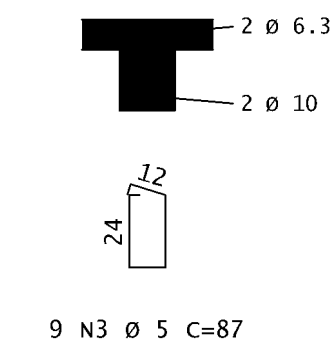
Corte B



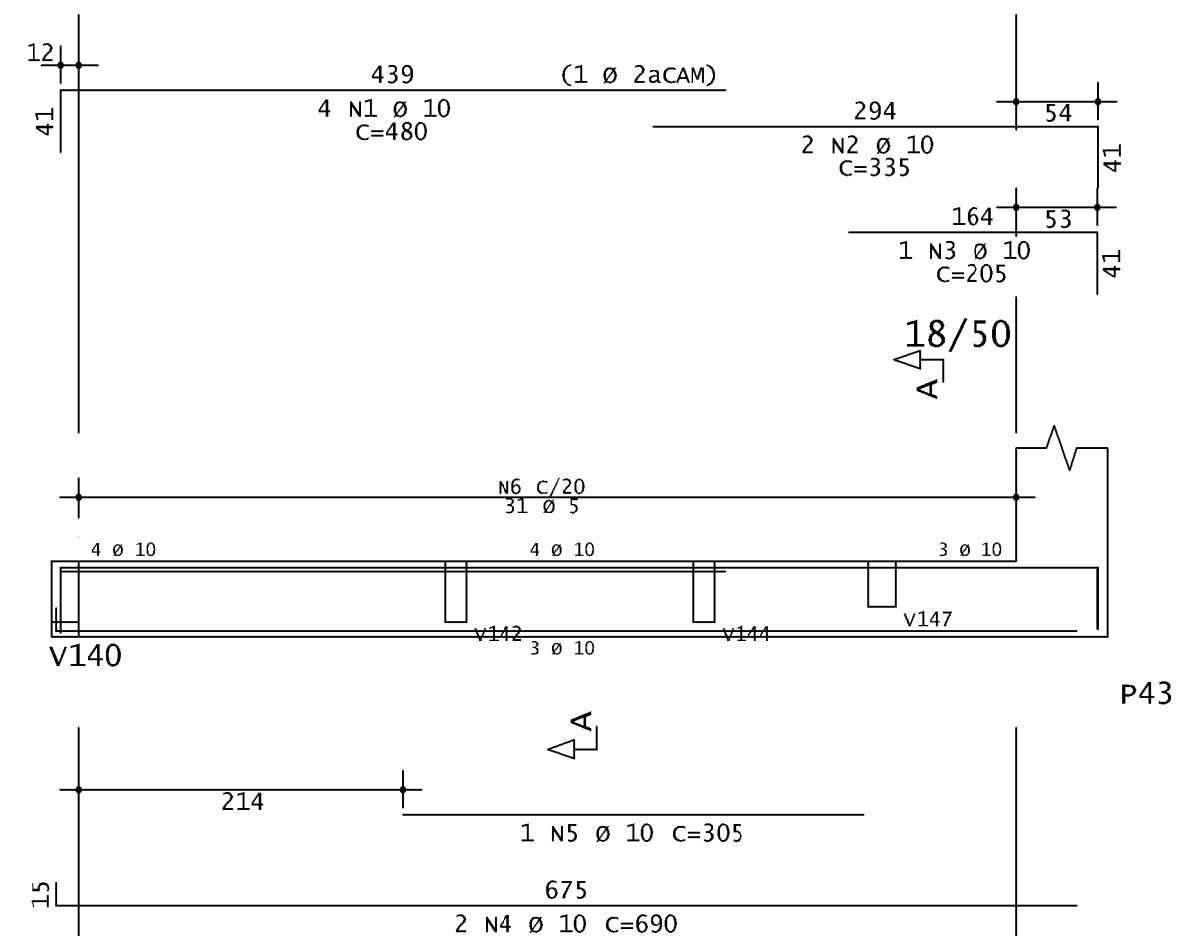
v124



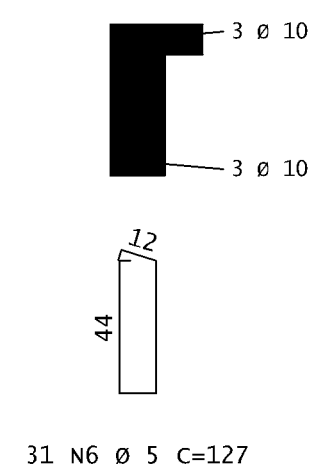
Corte A



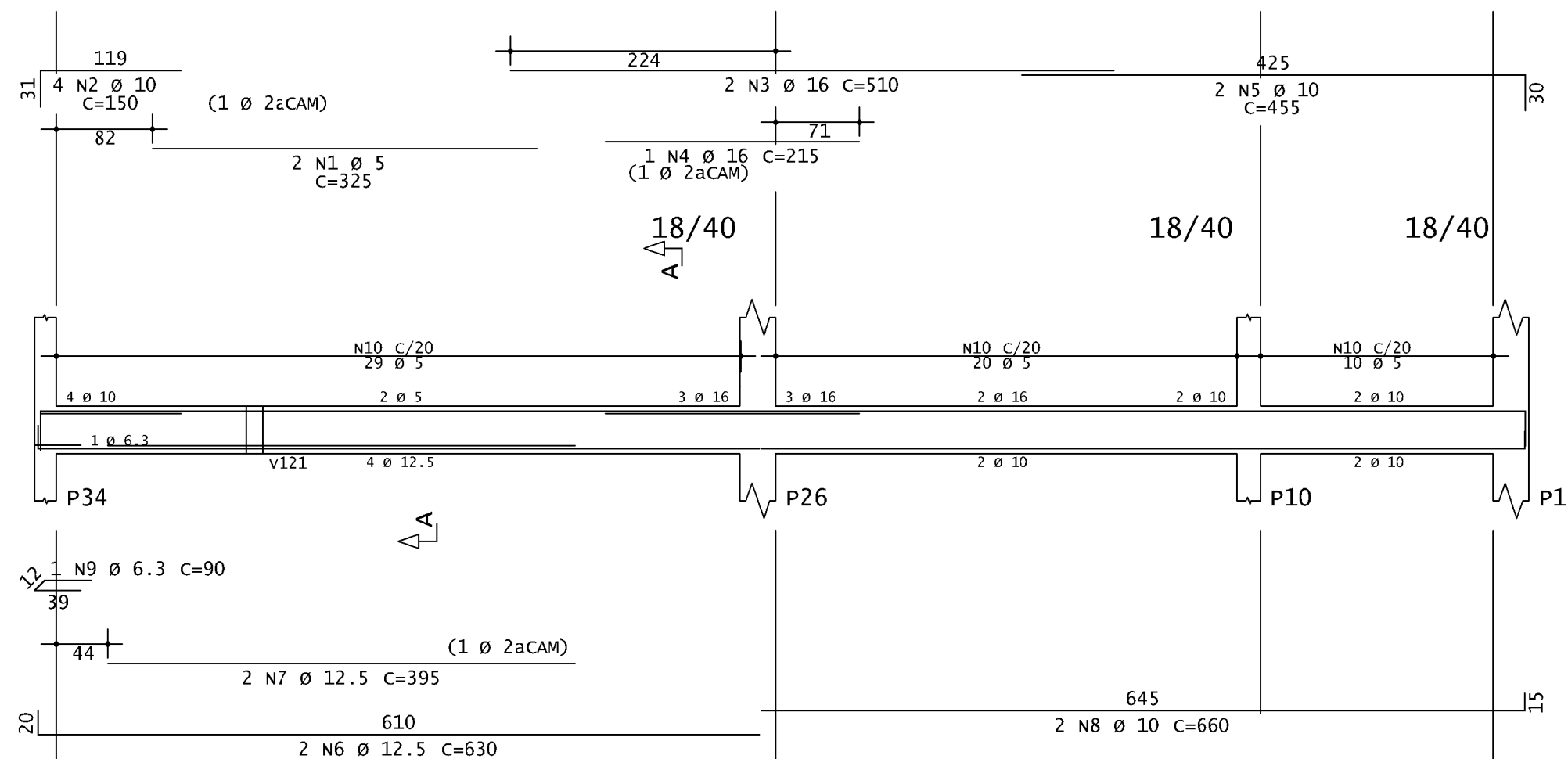
v125



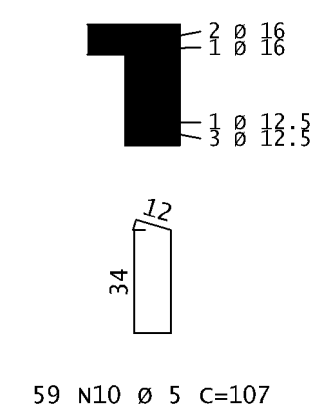
Corte A



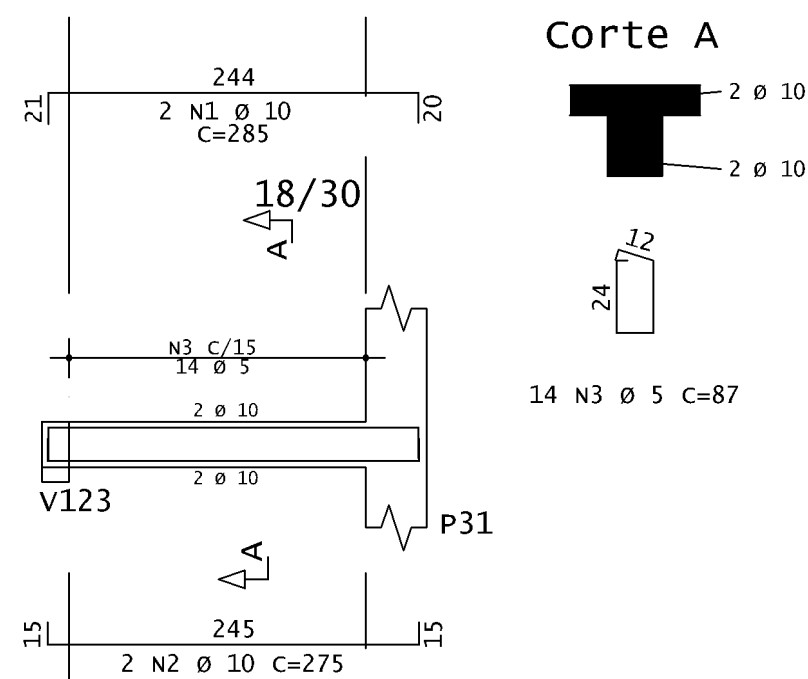
v126



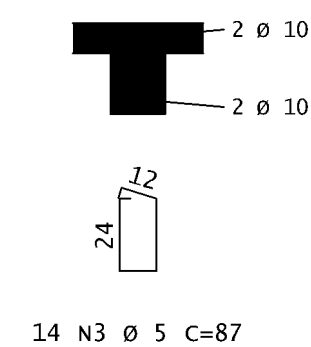
Corte A



v131

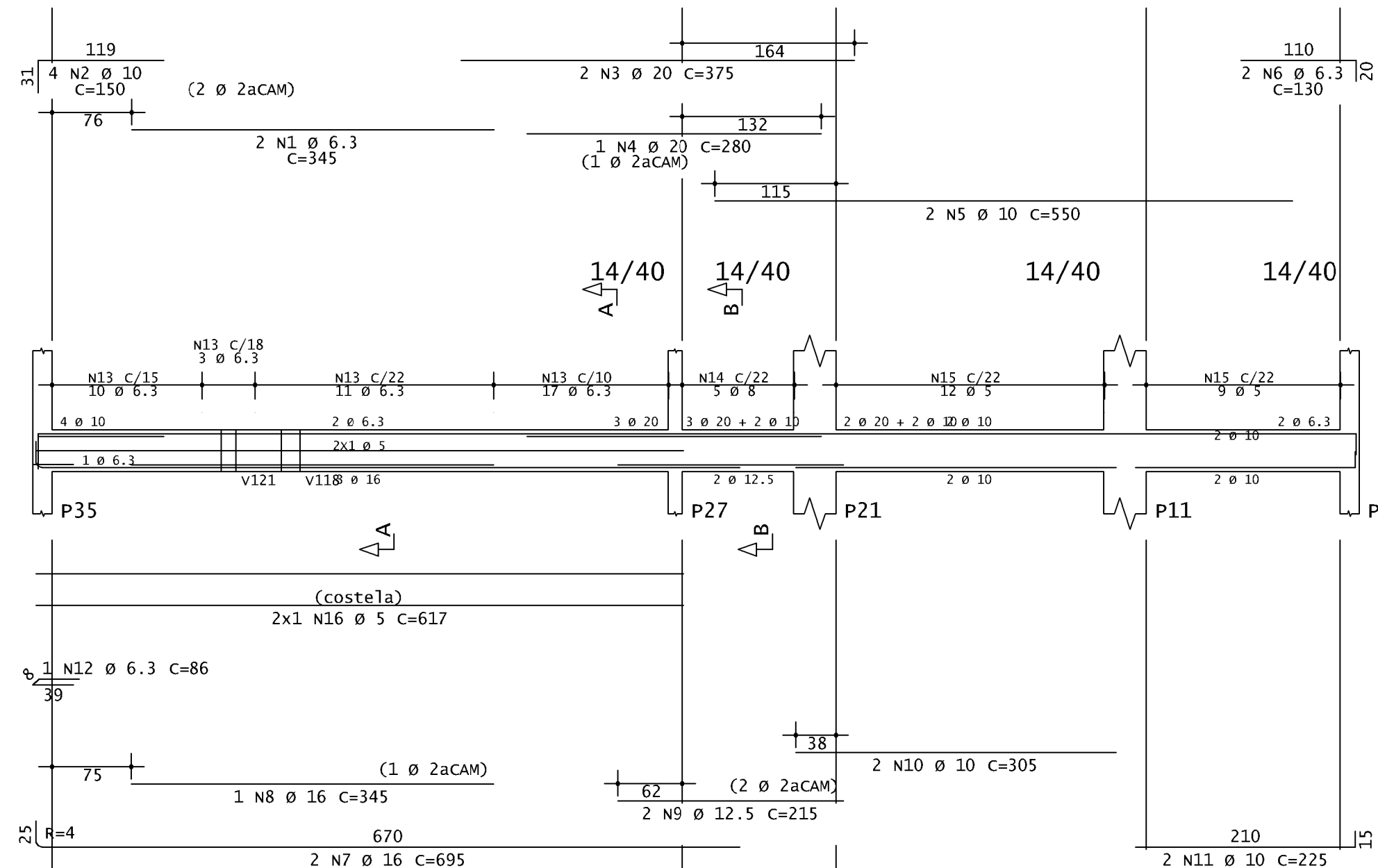


Corte A

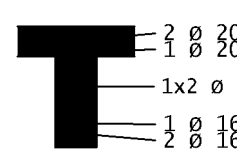


RUA: RUA LUÍZ ALVES, 86		BARRIO: CENTRO	
LOTES: 6138	QUADRA: 059	INDICE PTU: 01.1.559.018.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO: _____		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.896.370/0001-10	
RESPONSÁVEL TÉCNICO:		CREA	
SÁVIO VINÍCIUS ISRAEL SAVIOISA@GMAIL.COM CREATINGCONSULTORA@GMAIL.COM		CREA/ANG - 359.969/D (37) 9.8827-9134 (37) 9.9996-7310	

v127

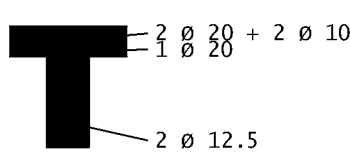


Corte A



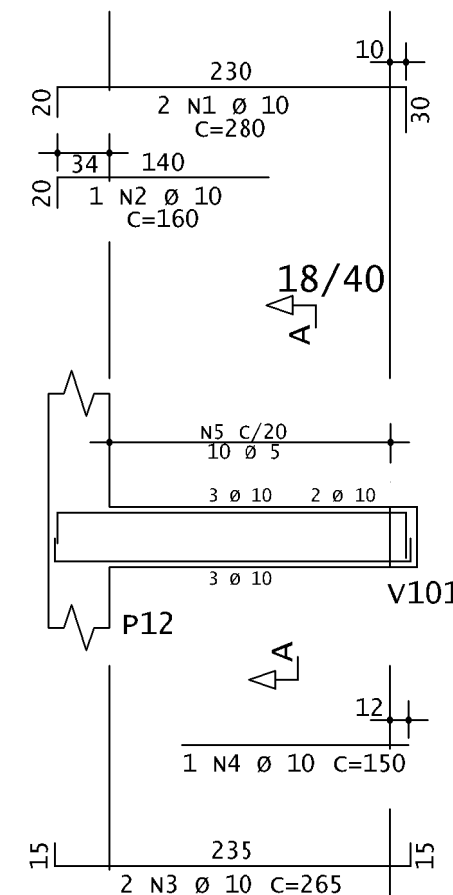
41 N13 Ø 6.3 C=108

Corte B

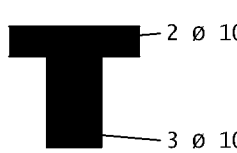


5 N14 Ø 8 C=102
21 N15 Ø 5 C=99

v128



Corte A

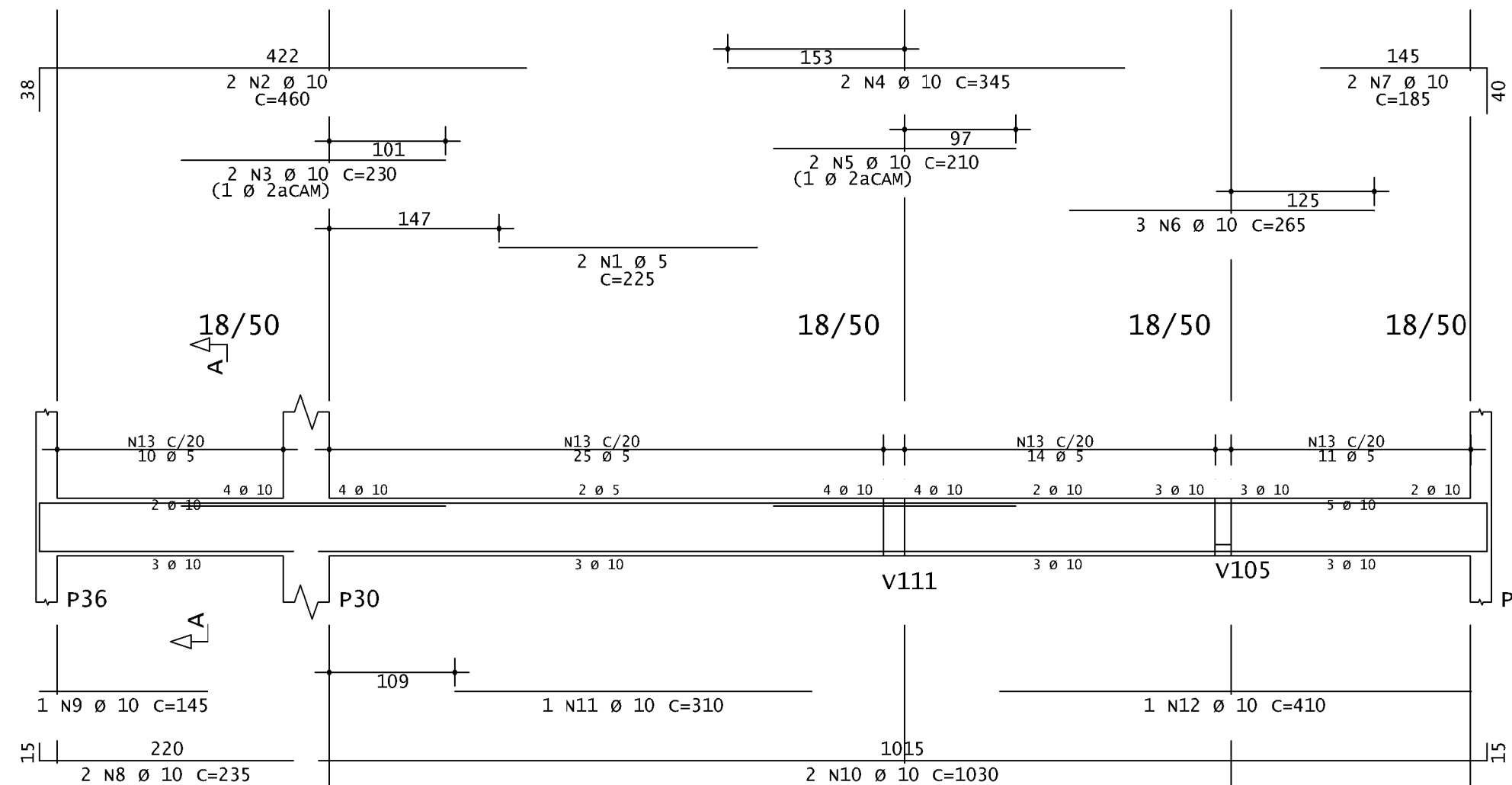


10 N5 Ø 5 C=107

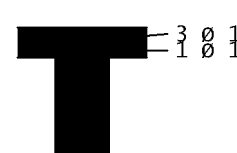
	AÇO	POS	BIT	QUANT	COMPRIMENTO		
			mm		UNIT TOTAL		
V127					cm	cm	
	50A	1	6,3	2	345	690	
	50A	2	10	4	150	600	
	50A	3	20	2	375	750	
	50A	4	20	1	280	280	
	50A	5	10	2	550	1100	
	50A	6	6,3	2	130	260	
	50A	7	16	2	695	1390	
	50A	8	16	1	345	345	
	50A	9	12,5	2	215	430	
	50A	10	10	2	305	610	
	50A	11	10	2	225	450	
	50A	12	6,3	1	86	86	
	50A	13	6,3	41	108	4428	
	50A	14	8	5	102	510	
60A	15	5	21	99	2079		
	16	5	2	617	1234		
	V128	50A	1	10	2	180	360
		50A	2	10	1	260	260
		50A	3	10	2	265	530
50A		4	10	1	150	150	
60A		5	5	10	107	1070	
V129	50A	1	5	2	225	450	
	50A	2	10	2	460	920	
	50A	3	10	2	230	460	
	50A	4	10	2	345	690	
	50A	5	10	2	210	420	
	50A	6	10	3	265	795	
	50A	7	10	7	185	370	
	50A	8	10	2	235	470	
	50A	9	10	1	145	145	
	50A	10	10	2	1030	2060	
	50A	11	10	1	310	310	
	50A	12	10	1	410	410	
60A	13	5	60	127	7620		
V130	60A	1	5	2	260	520	
	50A	2	10	2	425	850	
	50A	3	10	4	210	840	
	50A	4	10	2	625	1250	
	50A	5	10	1	220	220	
	50A	6	6,3	2	120	240	
	50A	7	10	2	1045	2090	
	50A	8	10	2	175	350	
	50A	9	10	1	330	330	
	50A	10	10	2	225	450	
	50A	11	10	1	150	150	
	60A	12	5	60	127	7620	
V132	50A	1	10	2	185	370	
	50A	2	6,3	2	240	480	
	50A	3	12,5	2	280	560	
	50A	4	12,5	1	175	175	
	50A	5	16	2	460	920	
	50A	6	16	1	225	225	
	50A	7	10	2	270	540	
	50A	8	6,3	2	120	240	
	50A	9	10	2	260	520	
	50A	10	12,5	2	540	1080	
	50A	11	10	2	505	1010	
	60A	12	5	15	119	1785	
60A	13	6,3	28	128	3584		
	14	5	12	127	1524		
	15	5	4	524	2096		
	16	5	4	344	1376		
	V133	50A	1	6,3	3	195	585
		50A	2	8	2	205	410
50A		3	8	2	350	700	
50A		4	8	15	387	1653	
60A		5	2	2	64	688	

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	297	46
50A	6.3	106	26
50A	8	15	6
50A	10	202	125
50A	12.5	22	22
50A	16	29	45
50A	20	10	25
Peso Total	60A =		46 kgf
Peso Total	50A =		249 kgf

v129

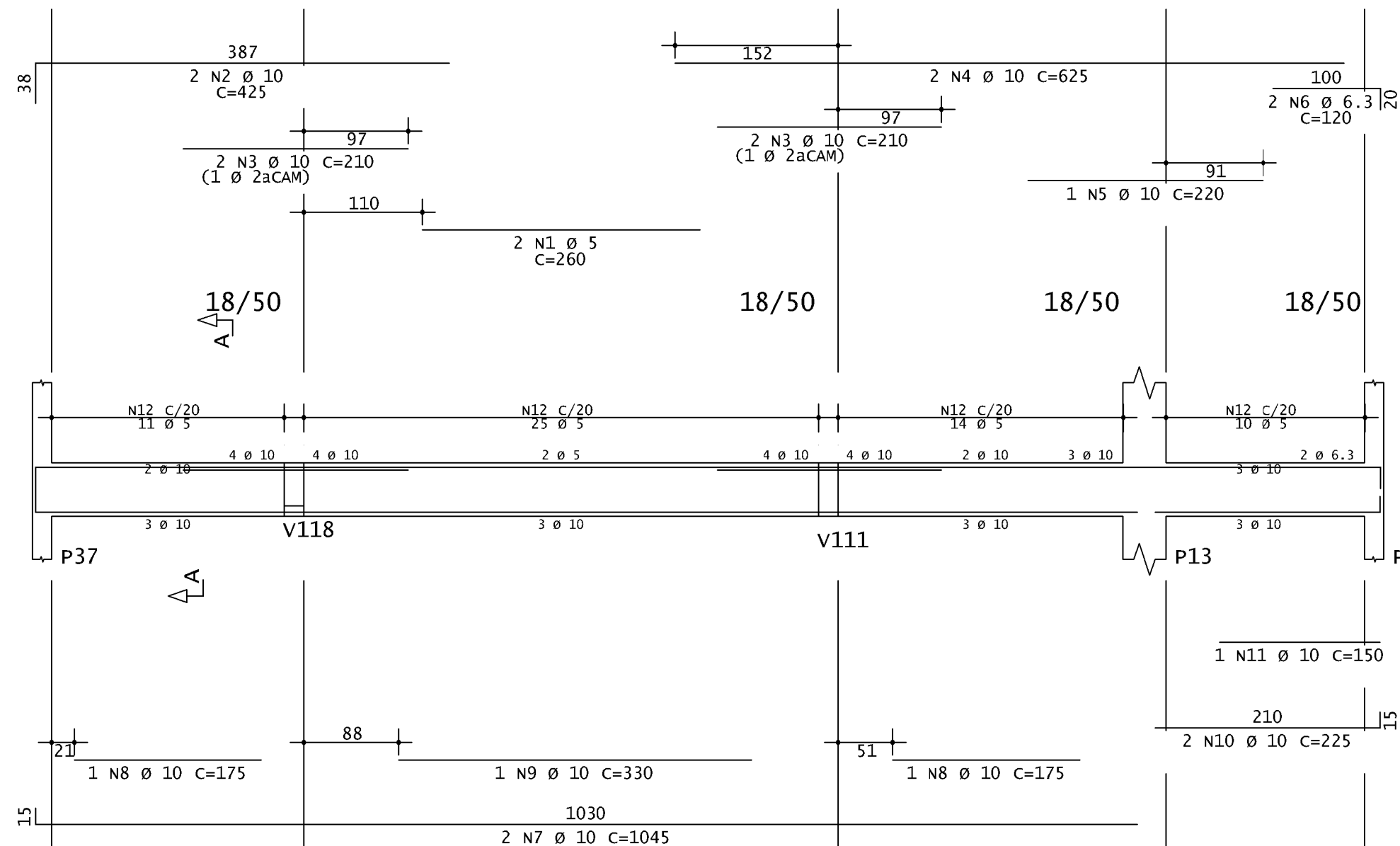


Corte A

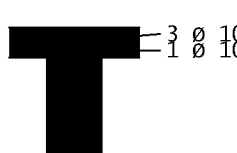


60 N13 Ø 5 C=127

v130

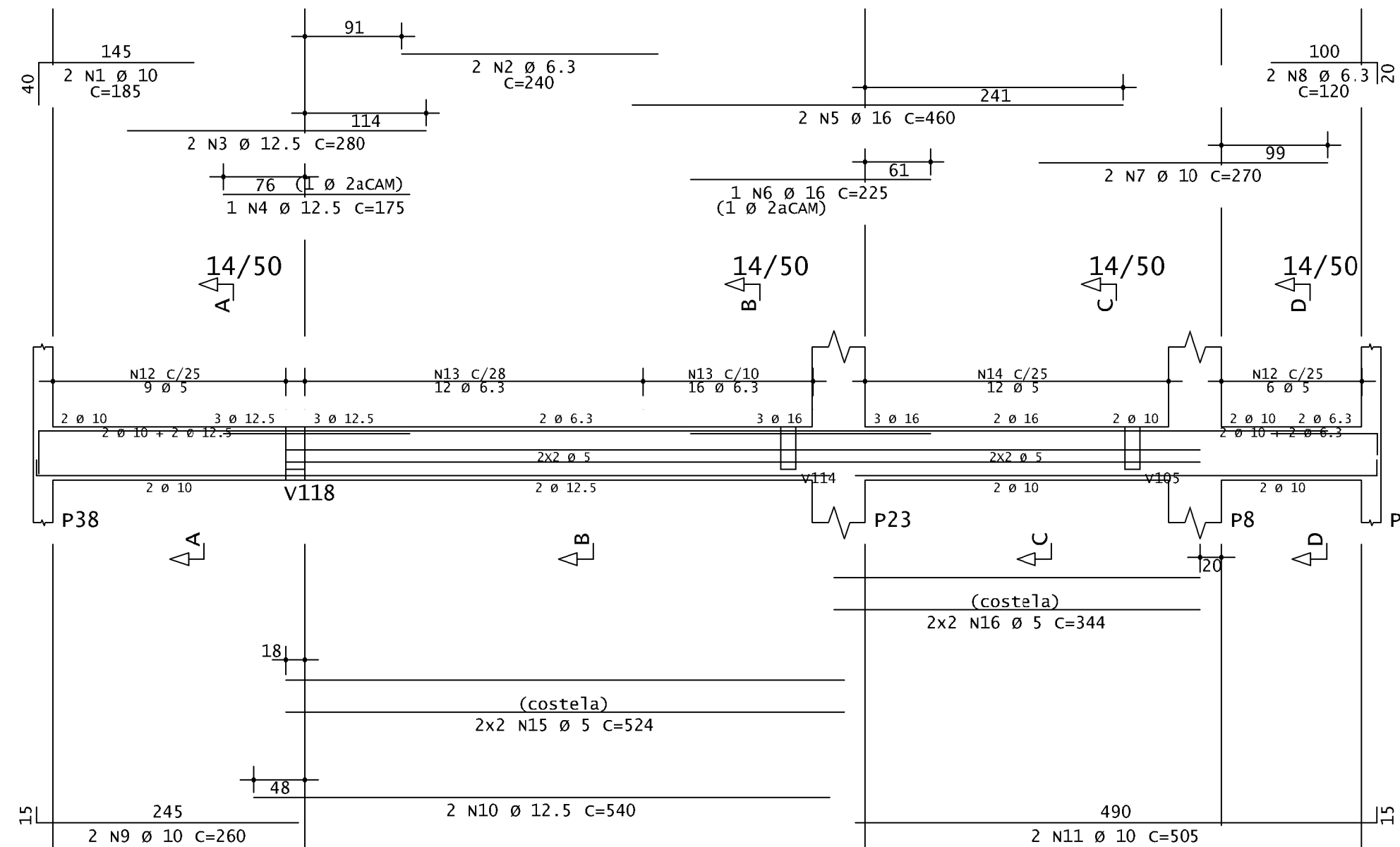


Corte A

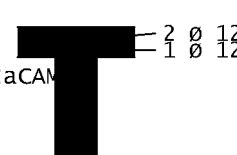


60 N12 Ø 5 C=127

v132

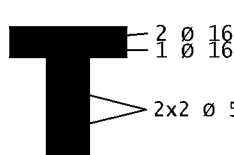


Corte A



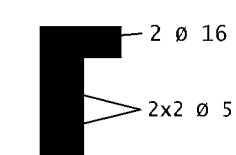
9 N12 Ø 5 C=1

Corte B



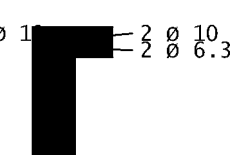
28 N13 Ø 6.3 C=128 1

Corte C



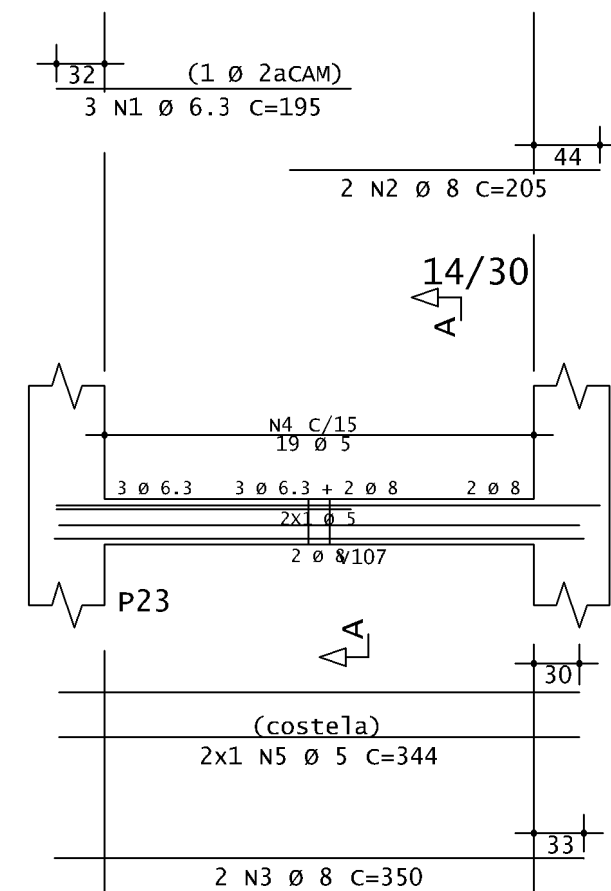
12 N14 Ø 5 C=127

Corte D

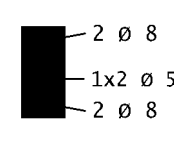


6 N12 Ø 5 C=119

v133



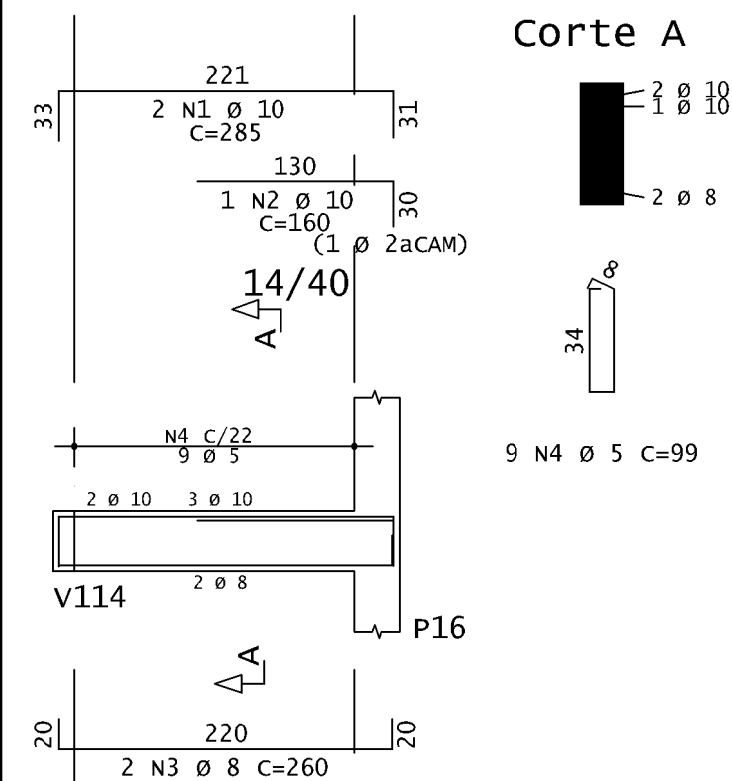
Corte A



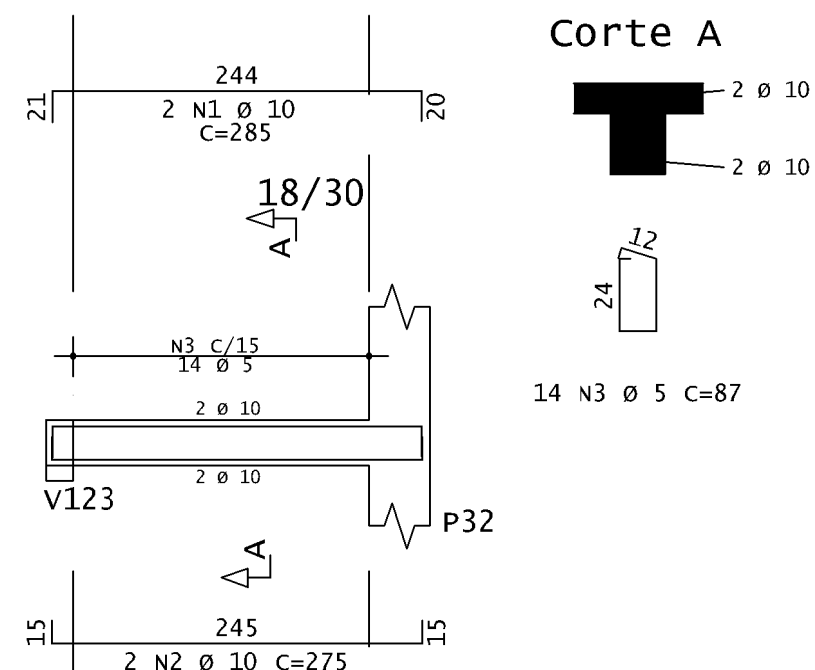
19 N4 Ø 5 C=87

<div> <div>  </div> </div>		<div> <div> PROJETO </div> </div>	
NUA: RUA LUZ ALVES, 86		BAIRRO: CENTRO	
LOTES: 01/08		INDICE PFTU: 011.050/0185.001	
TITULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEUDO: _____		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF: CNPJ:	
_____		_____	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.896.073/0001-10	
RESPONSÁVEL TÉCNICO:		CREA:	
_____		_____	
SÁDIO VINÍCIUS ISRAEL SÁVIOSENTE.ENGENHARIA.COM ORIENTACAO@CONSULTORIA@GMAIL.COM		CREA/ENG - 359.969 D (37) 91837-0134 (37) 91996-7370	

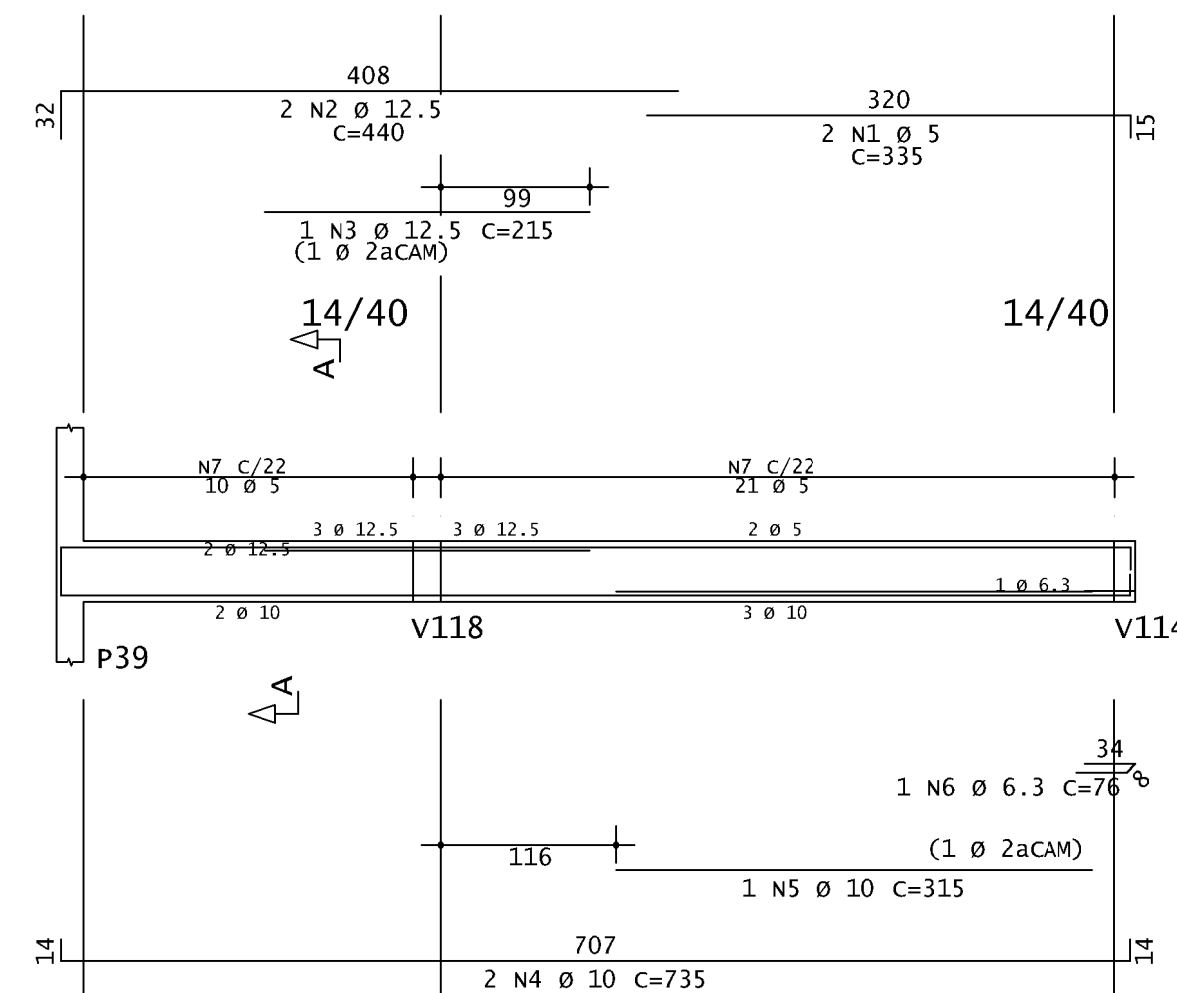
v134



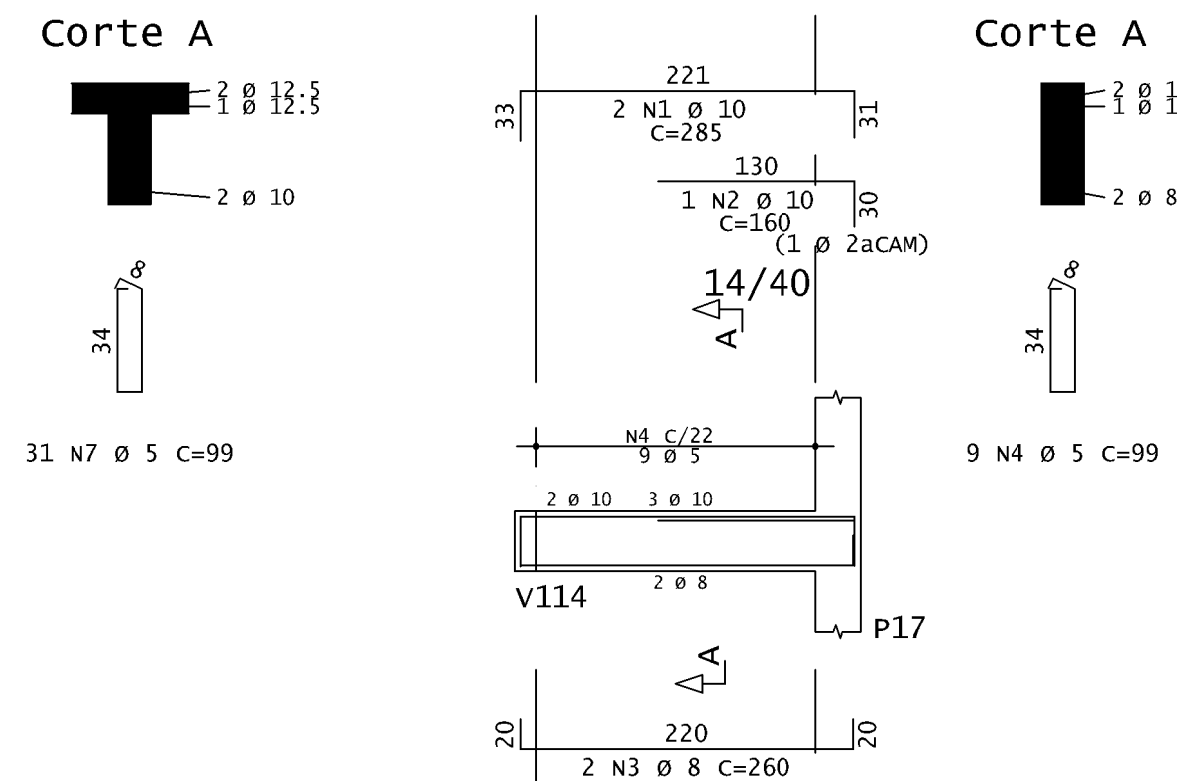
v135



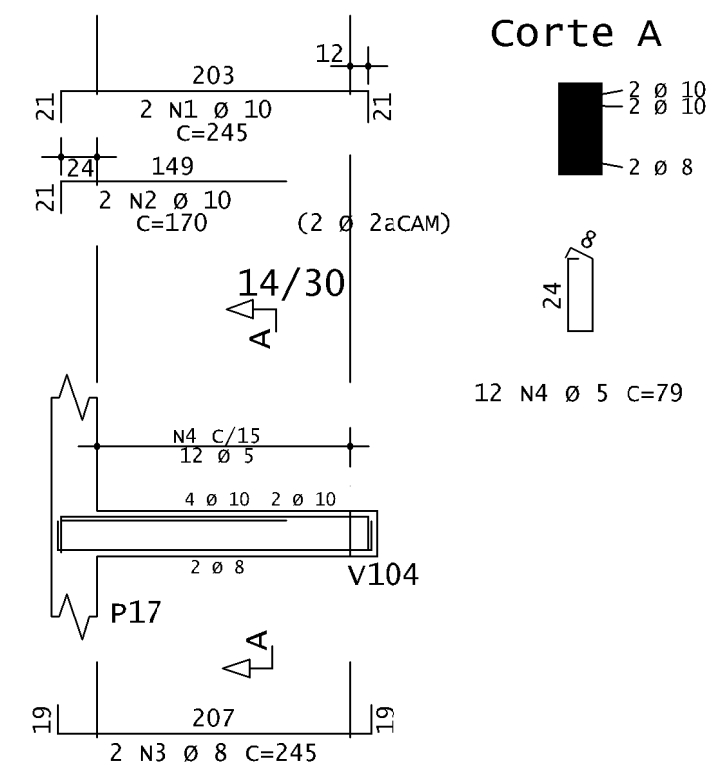
v136



v137



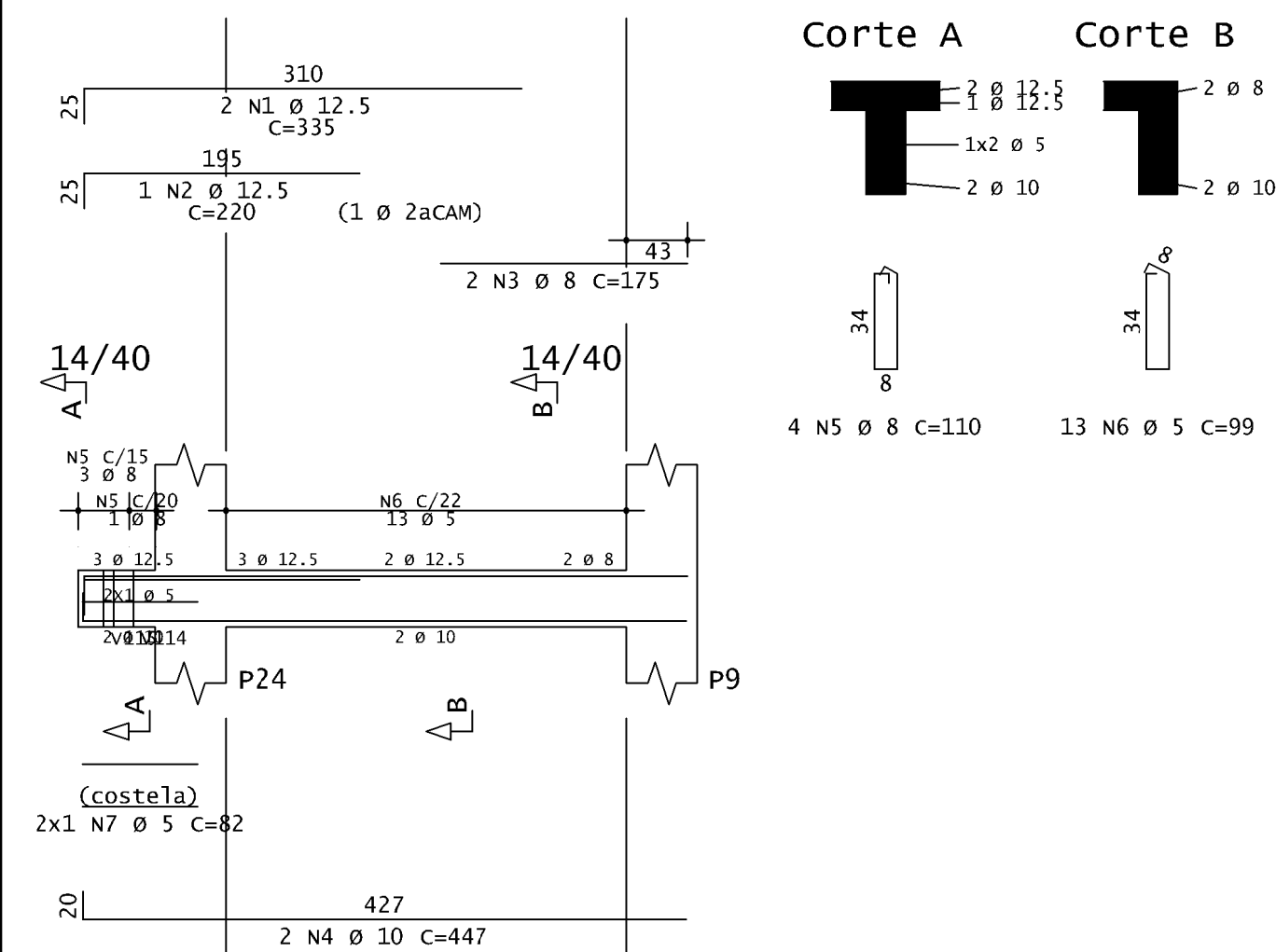
v138



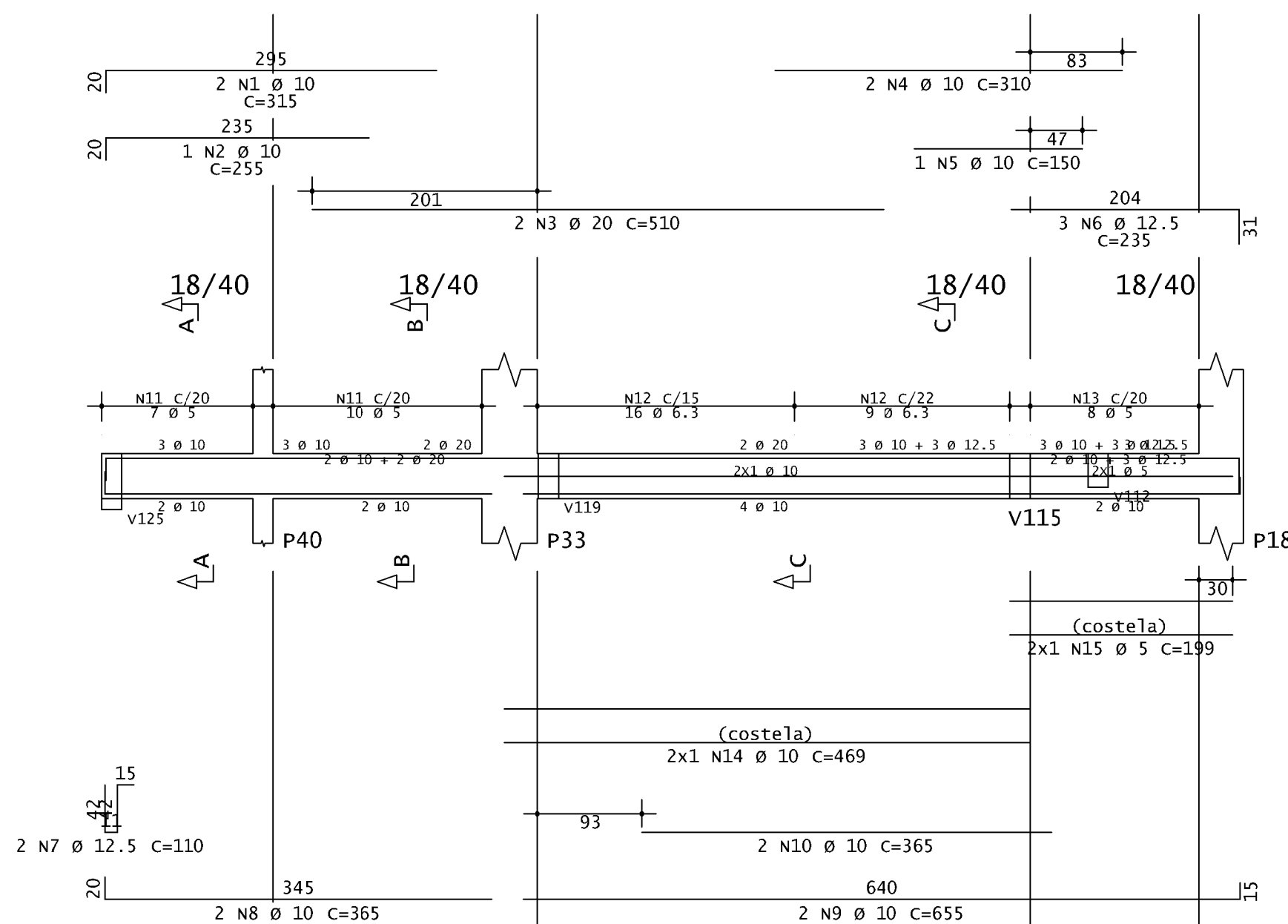
	AÇO	POS	BIT		QUANT	COMPRIMENTO		
				mm		UNIT	TOTAL	
V134						cm	cm	
	50A	1	10	2	285	570		
	50A	2	10	1	160	160		
	50A	3	8	2	260	520		
V135	60A	4	5	9	99	891		
	50A	1	10	2	285	570		
	50A	2	10	2	275	550		
V136	60A	3	5	14	87	1218		
	60A	1	5	2	335	670		
	50A	2	12.5	2	440	880		
	50A	3	12.5	1	215	215		
	50A	4	10	2	735	1470		
	50A	5	10	1	315	315		
	50A	6	6.3	1	76	76		
V137	60A	7	5	31	99	3069		
	50A	1	10	2	285	570		
	50A	2	10	1	160	160		
	50A	3	8	2	260	520		
V138	60A	4	5	9	99	891		
	50A	1	10	2	245	490		
	50A	2	10	2	170	340		
V139	50A	3	8	2	245	490		
	60A	4	5	12	79	948		
	50A	1	12.5	2	335	670		
	50A	2	12.5	1	220	220		
V140	50A	4	10	2	177	354		
	50A	5	8	4	440	880		
	60A	6	5	13	99	1287		
	60A	7	5	2	82	164		
	50A	1	10	2	315	630		
	50A	2	10	1	255	255		
	50A	3	20	2	110	1020		
	50A	4	10	2	310	620		
	50A	5	10	1	150	150		
	50A	6	12.5	3	235	705		
V141	50A	7	12.5	2	110	220		
	50A	8	10	2	365	730		
	50A	9	10	2	655	1310		
	50A	10	10	2	365	730		
	50A	11	5	11	107	1819		
	50A	12	6.3	25	120	3000		
	60A	13	5	8	119	952		
	50A	14	10	2	469	938		
	60A	15	5	2	199	398		
	V142	50A	1	10	3	220	660	
		50A	2	10	2	195	390	
		50A	3	10	3	150	450	
50A		4	10	2	445	890		
60A		5	5	18	107	1926		
V143	50A	1	16	4	460	1840		
	50A	2	10	3	330	990		
	50A	3	10	2	155	310		
	50A	4	5	5	99	495		
	50A	5	6.3	13	108	1404		
	60A	6	5	2	282	564		
V144	50A	1	8	2	125	250		
	50A	2	12.5	2	611	1222		
	50A	3	12.5	2	150	300		
	50A	4	8	2	95	190		
	50A	5	10	2	240	480		
	50A	6	10	2	245	490		
	50A	7	8	3	110	330		
	60A	8	5	10	107	1070		
	60A	9	5	10	99	990		
	60A	10	5	2	96	192		
V145	60A	11	5	2	278	556		

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	181	28
50A	6,3	45	11
50A	8	31	12
50A	10	161	99
50A	12,5	44	43
50A	16	18	29
50A	20	10	25
Peso Total	60A =		28 kgf
Peso Total	50A =		219 kgf

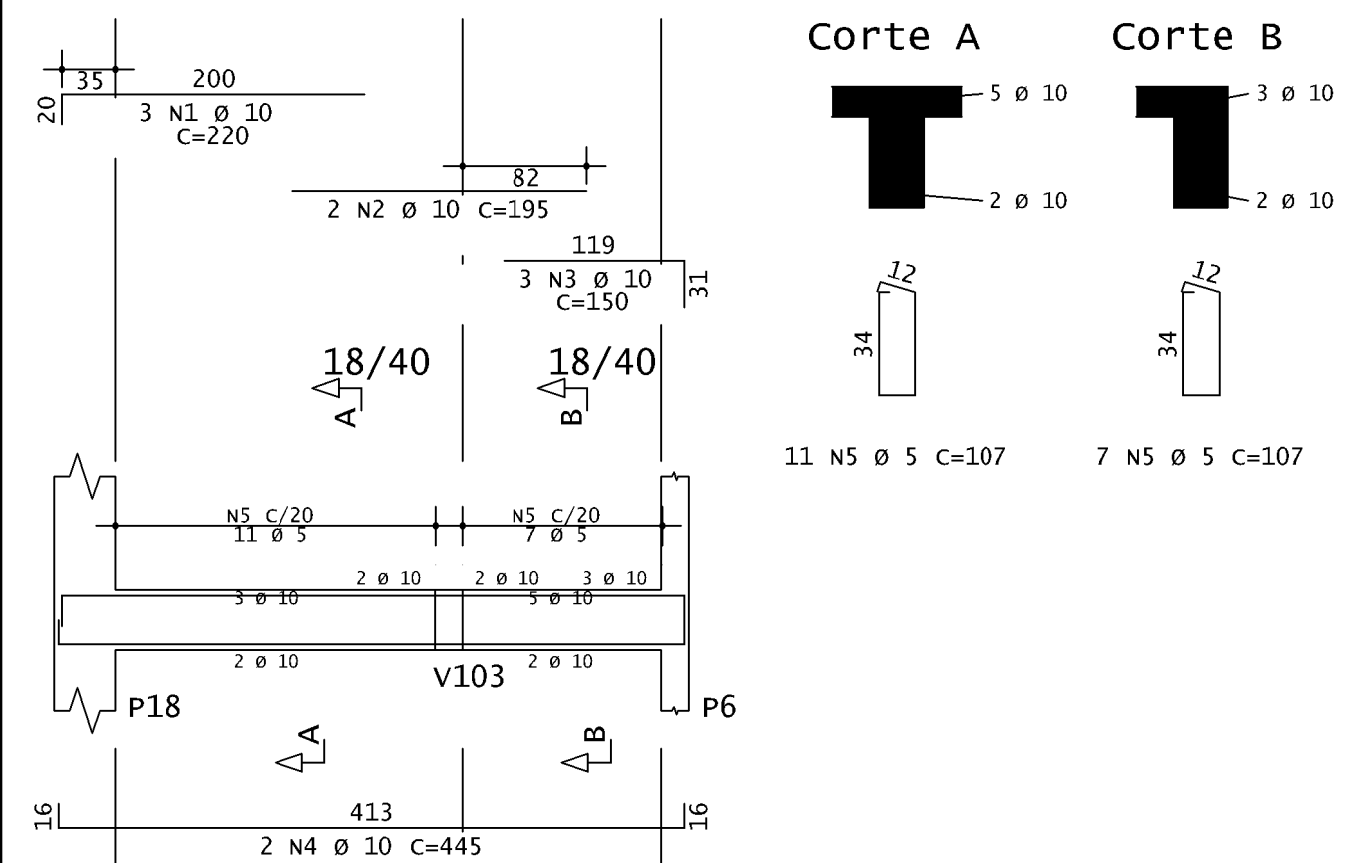
v139



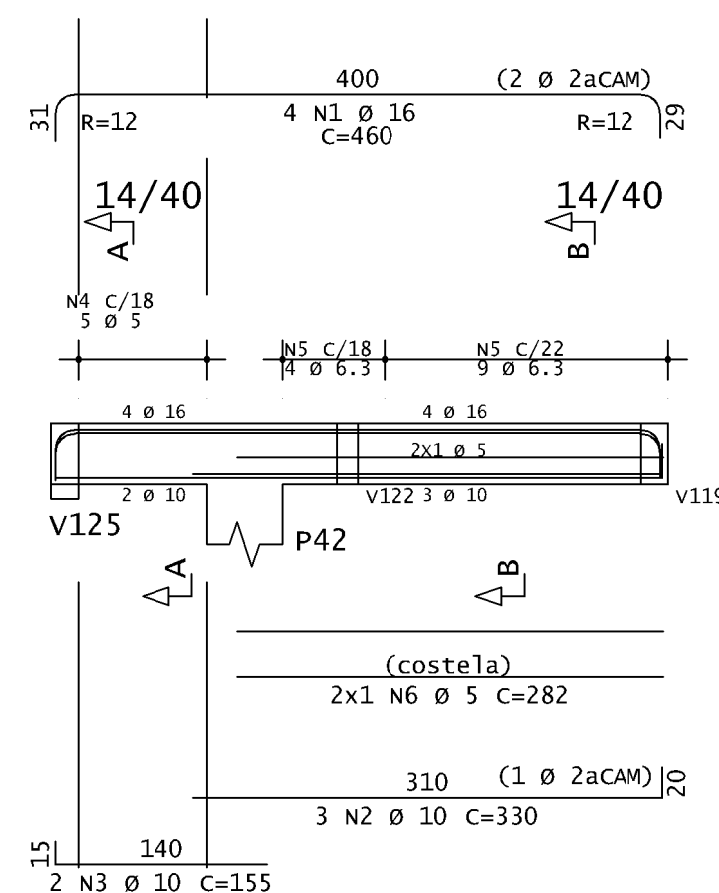
v140



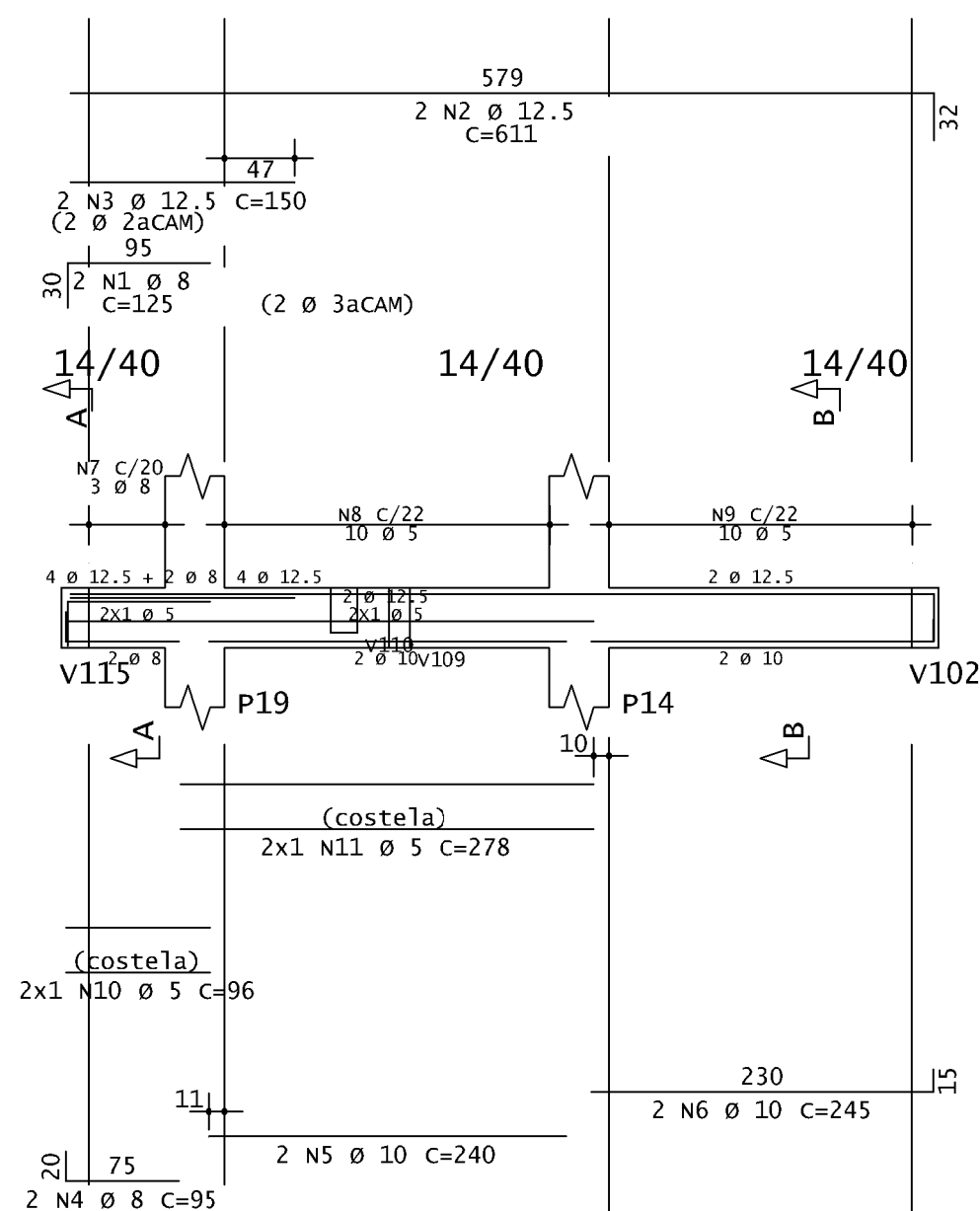
v141



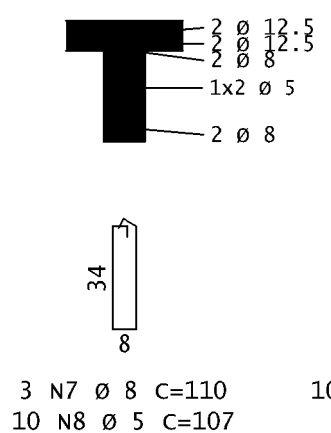
v142



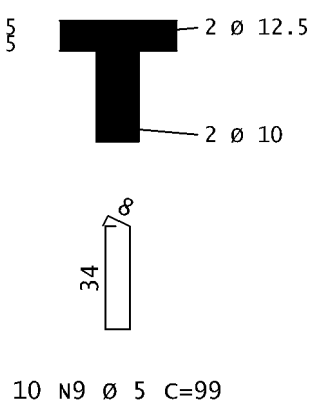
v143



Corte A

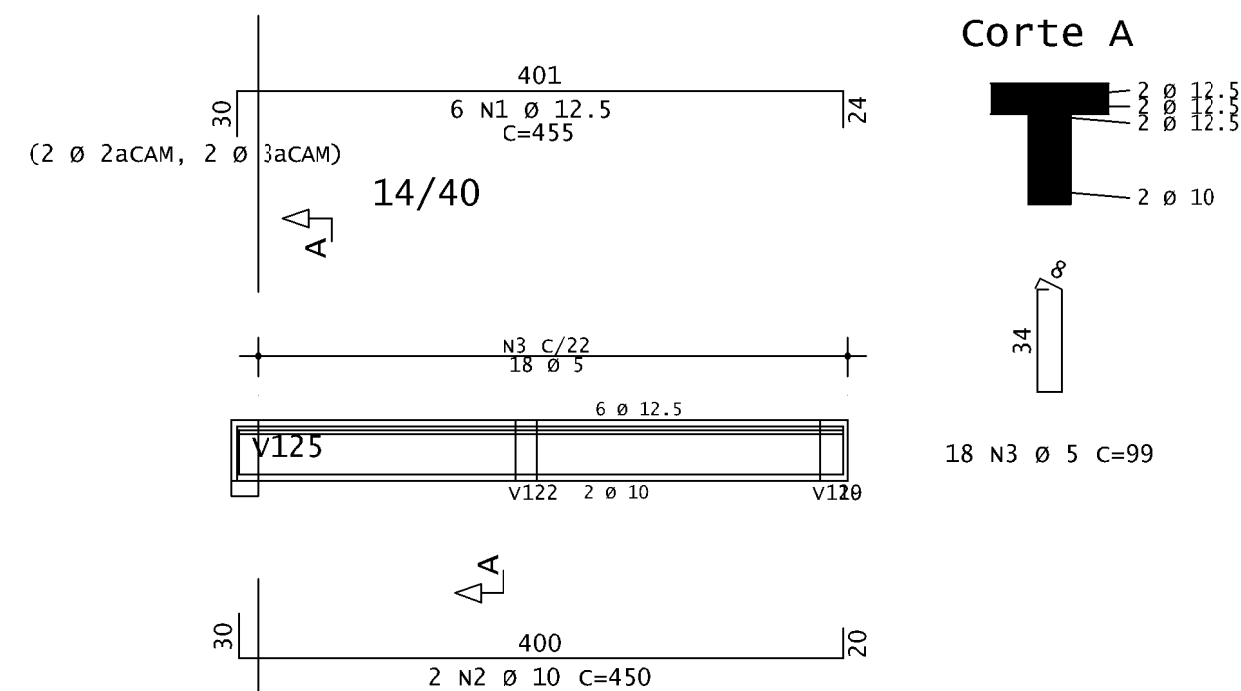


Corte B

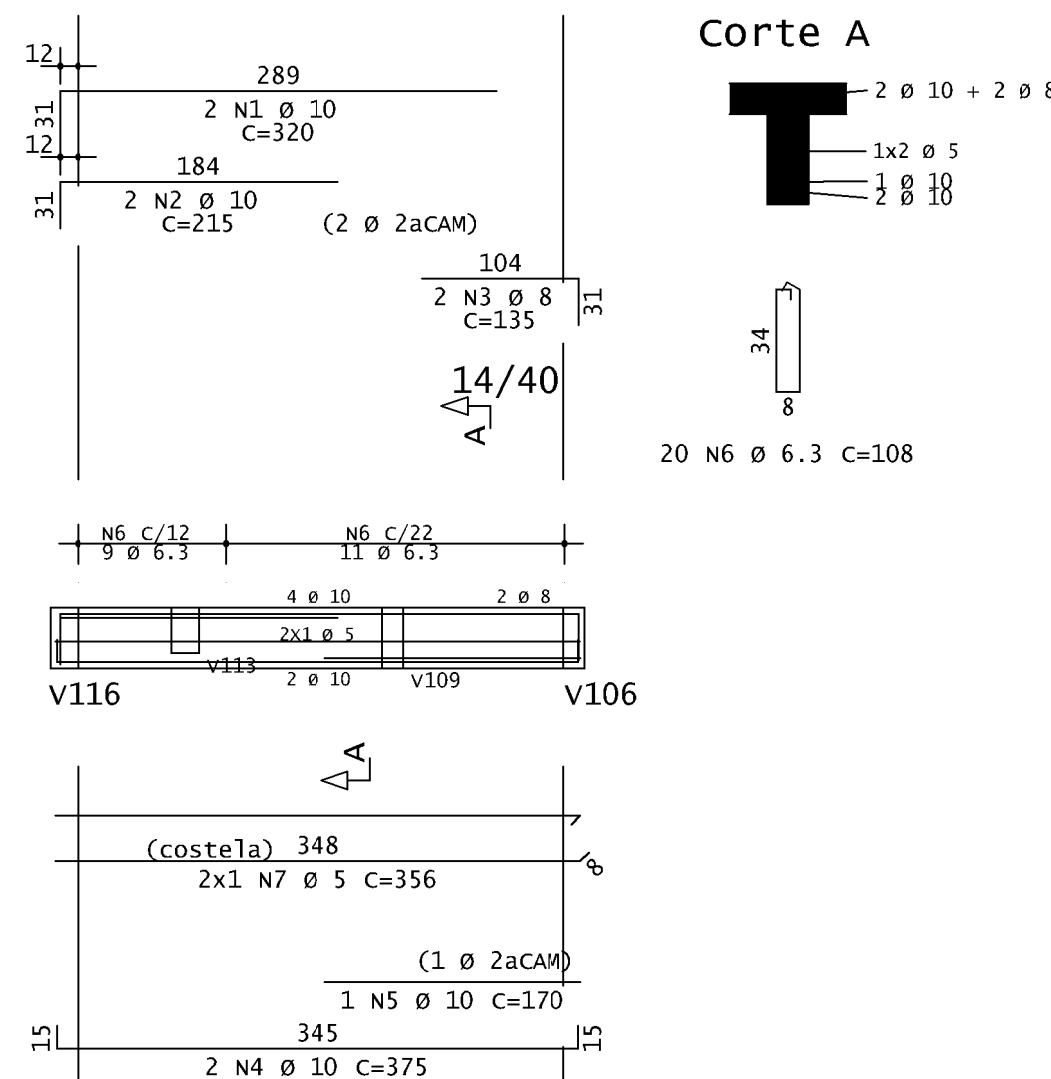


RUA: RUA LUÍZ ALVES, 06		BANIR: CENTRO	
LOTES: 0135		INDICE: PUO 011 059 015.001	
QUADRA: 059			
TITULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEUDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.896.370/0001-14	
RESPONSÁVEL TÉCNICO:		OHEIA	
SÁVIO VINÍCIUS ISRAEL SAVIOSENDS@GMAIL.COM ORIENTAENGS@CONSULTORIA@GMAIL.COM		CREA/ING - 369.969 D (17) 9.8827-9184 (37) 9.9996-7370	

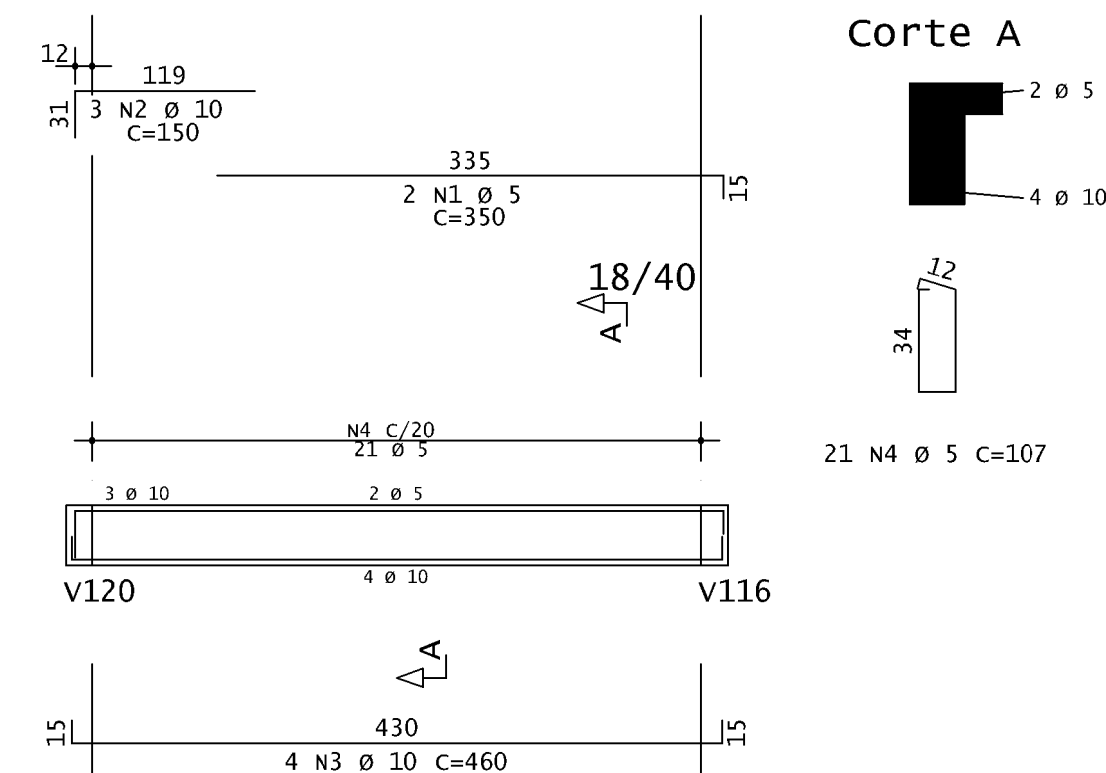
v144



v145



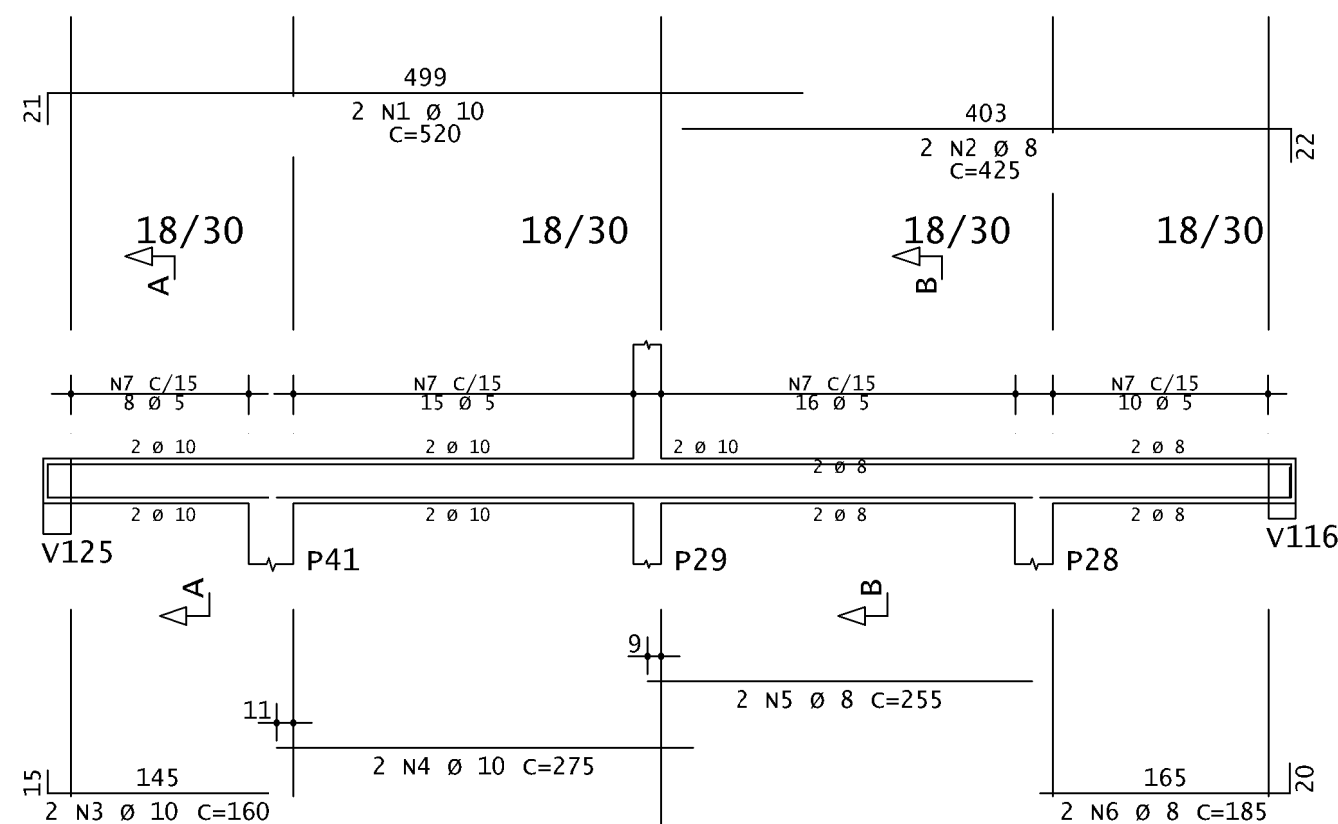
v146



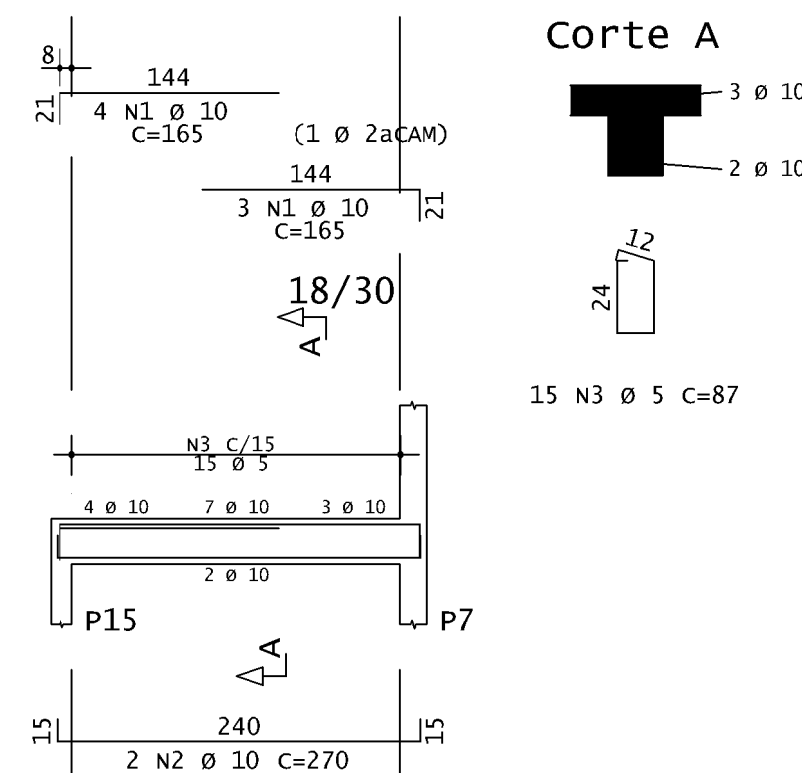
	AÇO	POS	BIT	QUANT	COMPRIMENTO		TOTAL
					UNIT	cm	
			mm			cm	
V144	50A	1	12.5	6	455	2730	
	50A	2	10	2	450	900	
	60A	3	5	18	99	1782	
V145	50A	1	10	2	320	640	
	50A	2	10	2	215	430	
	50A	3	8	2	135	270	
	50A	4	10	2	375	750	
	50A	5	10	1	170	170	
	60A	6	5	28	2160	108	
V146	60A	7	2	356	712		
	60A	1	5	2	350	700	
	50A	2	10	3	150	450	
V147	50A	3	5	4	460	1840	
	60A	4	10	21	107	2247	
	50A	1	10	2	520	1040	
	50A	2	8	2	425	850	
V148	50A	3	10	2	160	320	
	50A	4	10	2	275	550	
	50A	5	8	2	255	510	
	50A	6	8	2	185	370	
	60A	7	5	49	87	4263	
	50A	1	10	7	165	1155	
V149	50A	2	10	2	270	540	
	60A	3	5	15	87	1305	
	60A	1	5	2	330	660	
V150	50A	2	10	3	150	450	
	50A	3	5	2	420	840	
	50A	4	10	1	295	295	
	50A	5	5	19	107	2033	
	60A	1	5	2	390	780	
	50A	2	10	2	255	510	
V151	50A	3	10	1	190	190	
	50A	4	10	2	580	1160	
	50A	5	5	1	400	400	
	60A	6	5	29	519	3451	
	60A	7	5	2	555	1110	
	60A	8	5	2	400	800	

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	193	29
50A	6.3	22	5
50A	8	20	8
50A	10	127	78
50A	12.5	27	26
Peso Total		60A =	29 kgf
Peso Total		50A =	118 kgf

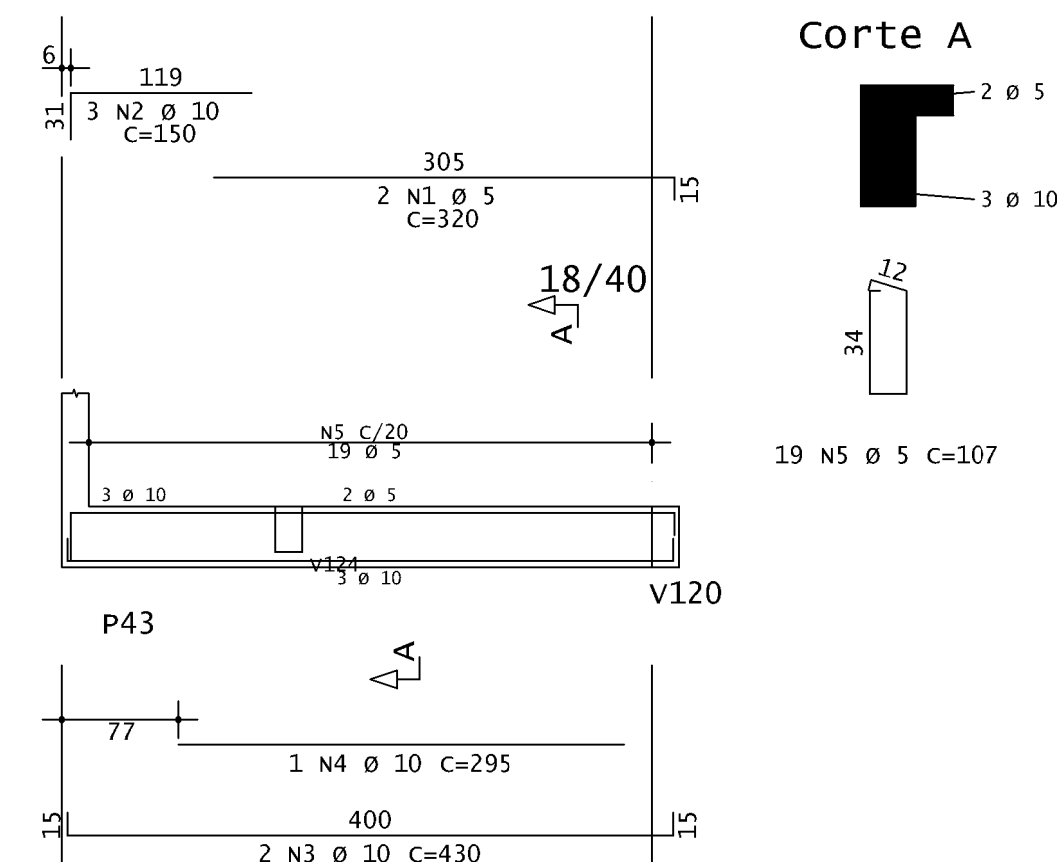
v147



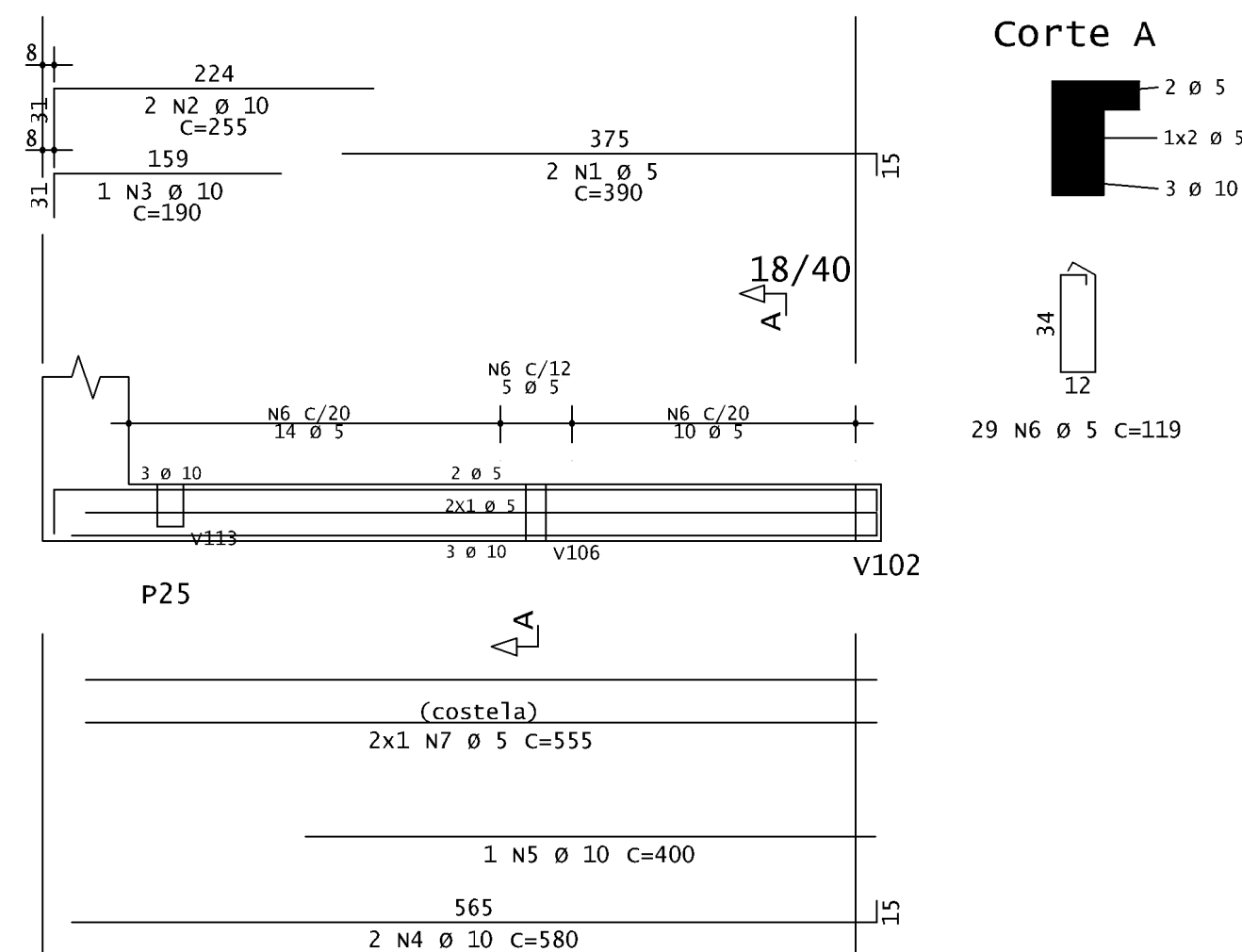
v148



v149

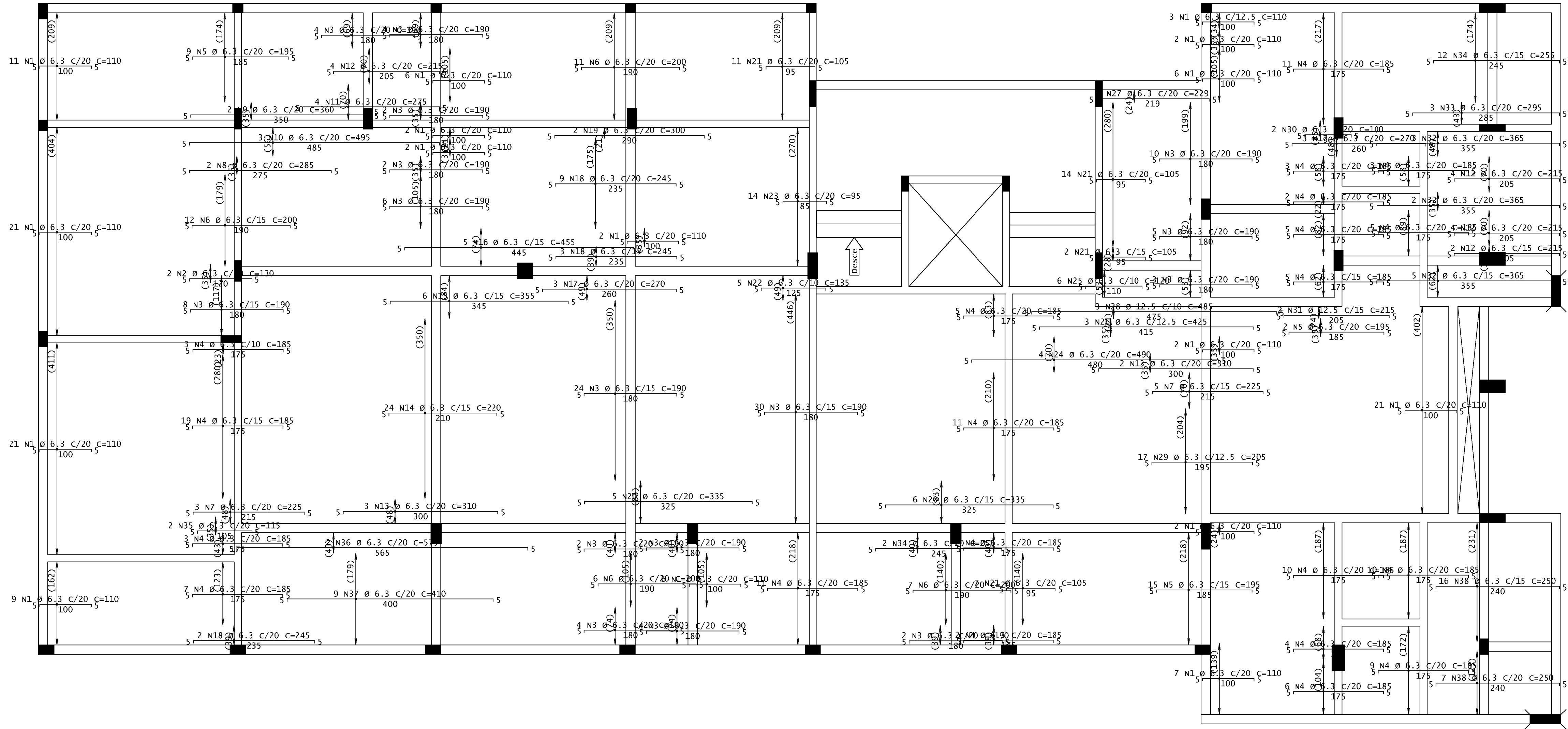


v150



subsolo - Armadura negativa principal

1x



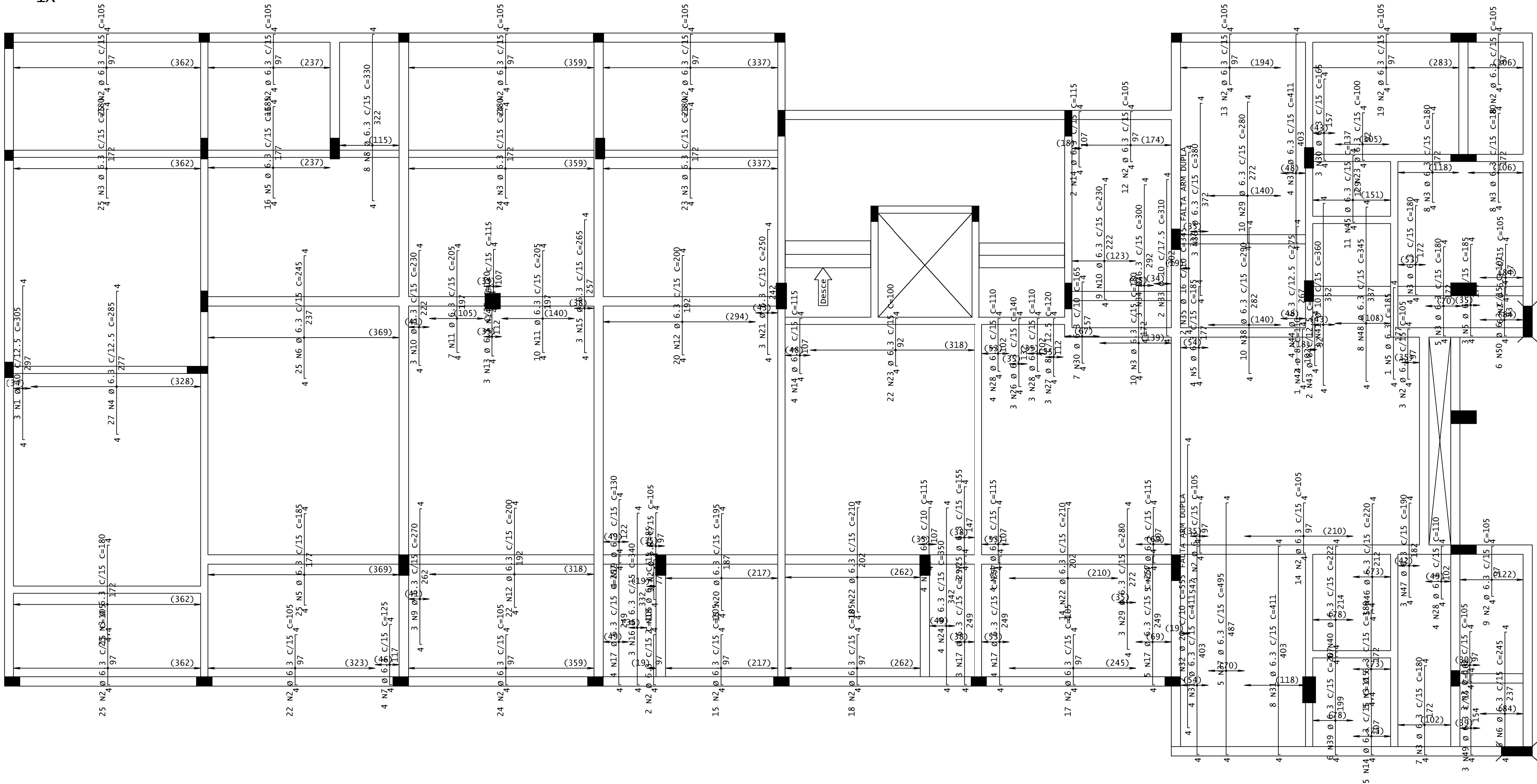
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
mm					
cm					
cm					
Subsolo - Armadura negativa principal					
50A	1	6.3	123	110	13530
50A	2	6.3	2	130	260
50A	3	6.3	112	190	21280
50A	4	6.3	136	185	25160
50A	5	6.3	26	195	5070
50A	6	6.3	36	200	7200
50A	7	6.3	8	225	1800
50A	8	6.3	2	285	570
50A	9	6.3	2	360	720
50A	10	6.3	3	495	1485
50A	11	6.3	4	275	1100
50A	12	6.3	14	215	3010
50A	13	6.3	5	310	1550
50A	14	6.3	24	220	5280
50A	15	6.3	6	355	2130
50A	16	6.3	5	455	2275
50A	17	6.3	6	270	1620
50A	18	6.3	14	245	3430
50A	19	6.3	2	300	600
50A	20	6.3	11	335	3685
50A	21	6.3	34	105	3570
50A	22	6.3	5	135	675
50A	23	6.3	14	95	1330
50A	24	6.3	4	490	1960
50A	25	6.3	6	120	720
50A	26	6.3	3	425	1275
50A	27	6.3	2	229	458
50A	28	12.5	3	485	1455
50A	29	6.3	17	205	3485
50A	30	6.3	2	100	200
50A	31	12.5	2	215	430
50A	32	6.3	10	365	3650
50A	33	6.3	3	295	885
50A	34	6.3	14	255	3570
50A	35	6.3	2	115	230
50A	36	6.3	2	575	1150
50A	37	6.3	9	410	3690
50A	38	6.3	23	250	5750

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
50A	6.3	1344	329
50A	12.5	19	16
Peso Total		50A =	347 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188	QUADRA: 059	ÍNDICE PIV: 01.1.059.0188.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 396.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	
FELIX		ESP. PROJETO CÂMARA	

Subsolo - Armadura negativa secundaria

1x



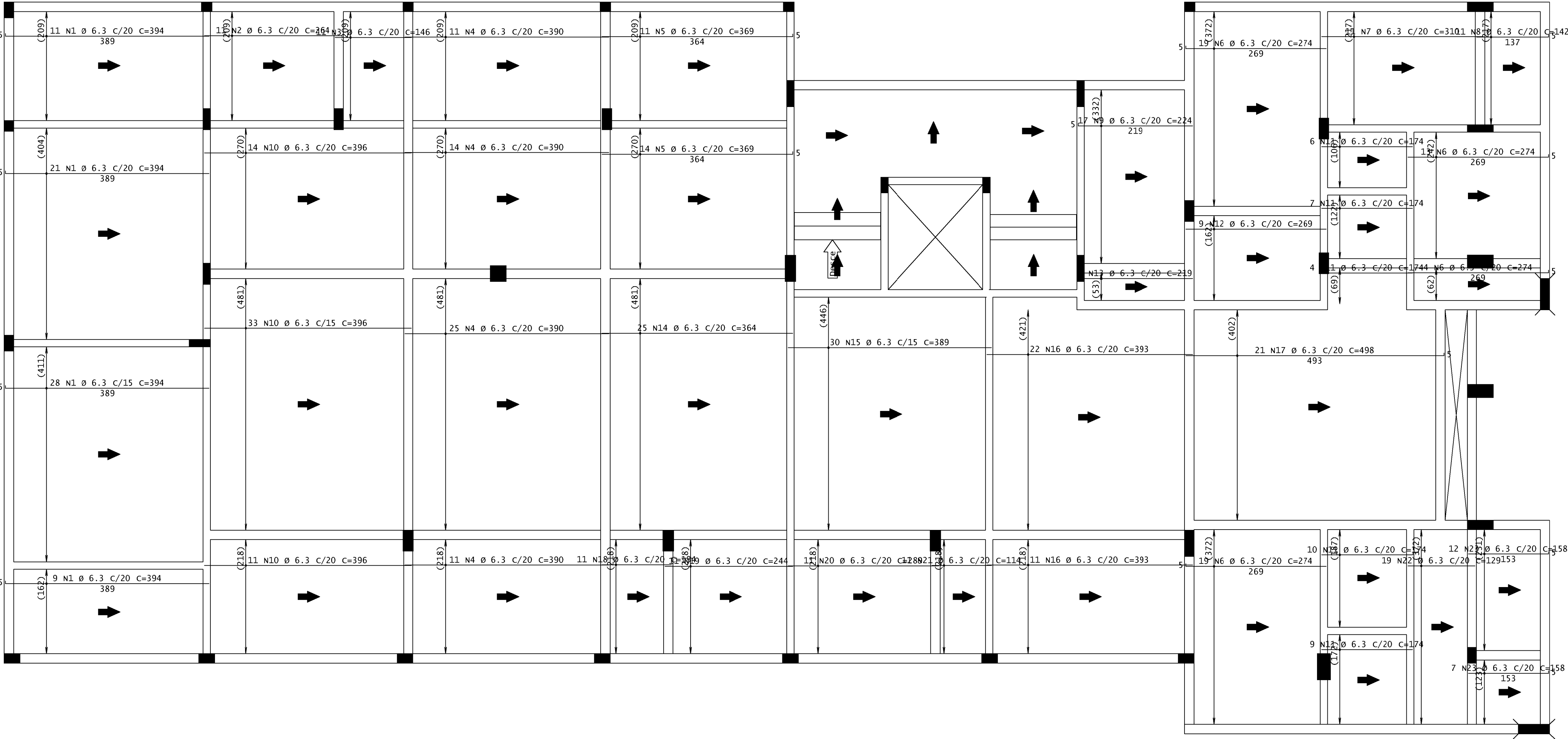
ÇO	POS	BIT	QUANT	COMPRIMENTO	UNIT	TOTAL
		mm		cm	cm	
Subsolo - Armadura negativa secundaria						
50A	1	10	3	305	915	
50A	2	6.3	304	105	31920	
50A	3	6.3	144	180	25920	
50A	4	6.3	27	285	7695	
50A	5	6.3	49	185	9065	
50A	6	6.3	31	245	7595	
50A	7	6.3	4	125	500	
50A	8	6.3	8	330	2640	
50A	9	6.3	7	770	810	
50A	10	6.3	12	230	2760	
50A	11	6.3	17	205	3485	
50A	12	6.3	42	200	8400	
50A	13	6.3	3	120	360	
50A	14	6.3	27	115	3105	
50A	15	6.3	3	265	795	
50A	16	6.3	3	340	1020	
50A	17	6.3	15	257	4112	
50A	18	6.3	2	85	170	
50A	19	6.3	4	130	520	
50A	20	6.3	15	195	2925	
50A	21	6.3	3	250	750	
50A	22	6.3	3	720	6720	
50A	23	6.3	29	100	2900	
50A	24	6.3	4	350	1400	
50A	25	6.3	3	155	465	
50A	26	6.3	3	140	420	
50A	27	6.3	3	120	360	
50A	28	6.3	11	110	1210	
50A	29	6.3	13	280	3640	
50A	30	6.3	10	165	1650	
50A	31	6.3	16	411	6576	
50A	32	20	2	555	1110	
50A	33	10	2	310	620	
50A	34	6.3	3	300	900	
50A	35	6.3	4	345	690	
50A	36	6.3	2	180	1140	
50A	37	6.3	5	495	2475	
50A	38	6.3	10	290	2900	
50A	39	6.3	6	207	1242	
50A	40	6.3	6	222	1332	
50A	41	10	3	360	1080	
50A	42	8	1	110	110	
50A	43	8	2	100	200	
50A	44	6.3	4	275	1100	
50A	45	6.3	11	137	1507	
50A	46	6.3	5	220	1100	
50A	47	6.3	3	190	570	
50A	48	6.3	8	345	2760	
50A	49	6.3	3	162	486	
50A	50	6.3	6	101	606	

RESUMO DE AÇO			
ÇO	BIT	COMPR	PESO
	mm	m	kgf
50A	6.3	1576	386
50A	8	7	3
50A	10	25	16
50A	16	7	11
50A	20	11	27
Peso Total		50A =	443 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0108	QUADRA: 089	ÍNDICE PIV: 01.1.059.0135.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CHECA	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 296.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	
ESPONSOE INICIADO		FECHA:	
EST. PROJETO CAMPA			


Subsolo - Armadura positiva principal

1x

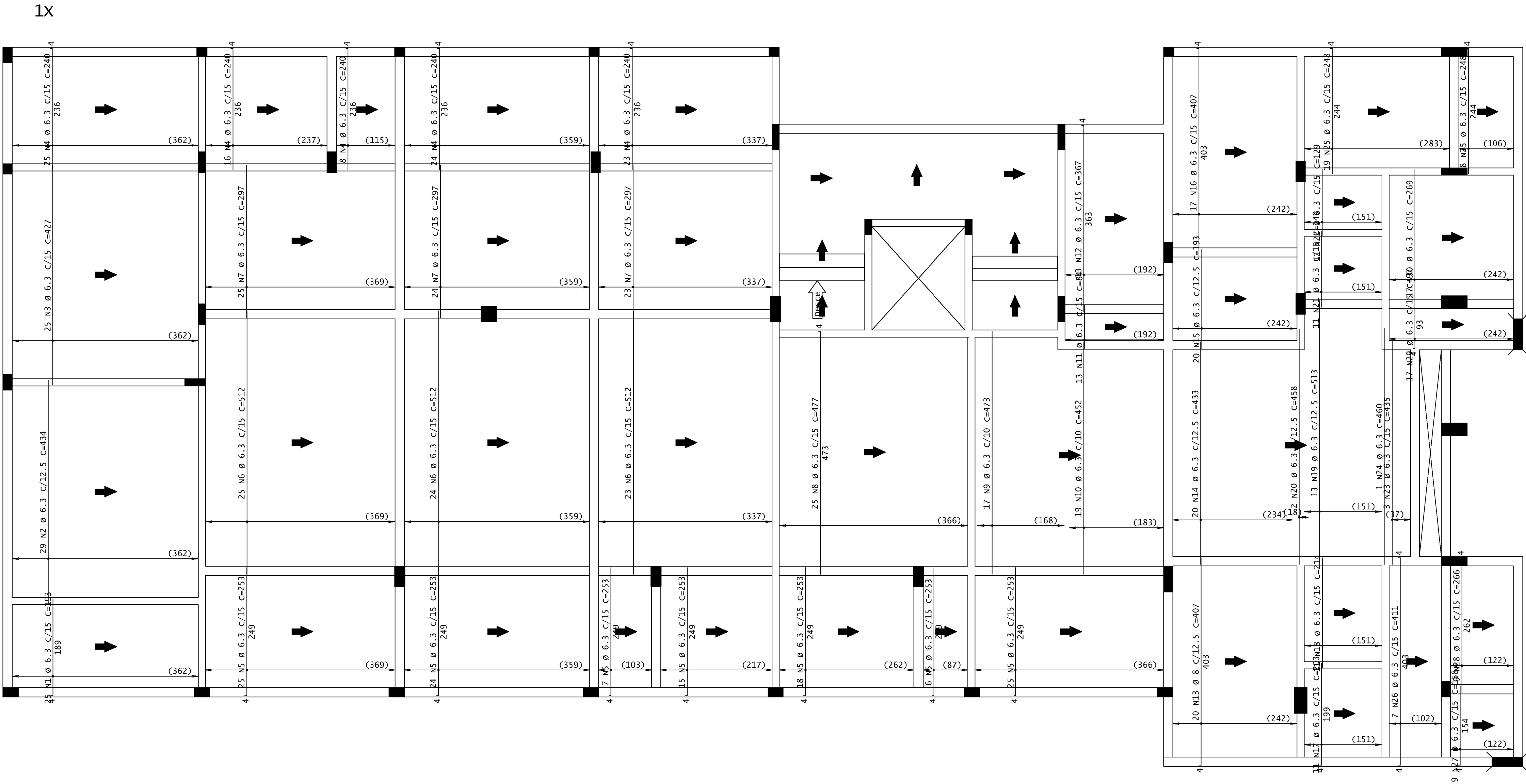


AÇO	POS	BIT	QUANT	COMPRIENTO	
				UNIT	TOTAL
			mm	cm	cm
Subsolo - Armadura positiva principal					
50A	1	6.3	69	394	27186
50A	2	6.3	11	264	2904
50A	3	6.3	11	146	1606
50A	4	6.3	61	390	23790
50A	5	6.3	25	369	9225
50A	6	6.3	55	274	15070
50A	7	6.3	11	310	3410
50A	8	6.3	11	142	1562
50A	9	6.3	17	224	3808
50A	10	6.3	58	396	22968
50A	11	6.3	36	174	6264
50A	12	6.3	9	269	2421
50A	13	6.3	3	219	657
50A	14	6.3	25	364	9100
50A	15	6.3	30	389	11670
50A	16	6.3	33	393	12969
50A	17	6.3	21	498	10458
50A	18	6.3	11	134	1474
50A	19	6.3	11	244	2684
50A	20	6.3	11	289	3179
50A	21	6.3	11	114	1254
50A	22	6.3	19	129	2451
50A	23	6.3	19	158	3002

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6.3	1791	439
Peso Total		50A =	439 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0185	QUADRA: 059	ÍNDICE IPTU: 01.1.059.0185.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:			DATA: 04/10/2025
RESPONSÁVEIS			
	PROPRIETÁRIO: CPF / CNPJ:		FELTA
	CÁMARA MUNICIPAL DE MARTINHO CAMPOS 23.886.370/0001-12		
	RESPONSÁVEL TÉCNICO: CREA:		ESP. PROJETO CAMPA
	SÁVIO VINÍCIUS ISRAEL CREA/ING - 396.989-D SAVIOISRAEL.ENG@GMAIL.COM (37) 9.8827-9134 ORIENTAENG CONSULTORIA@GMAIL.COM (37) 9.9996-7310		

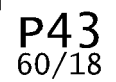
Subsolo - Armadura positiva secundaria



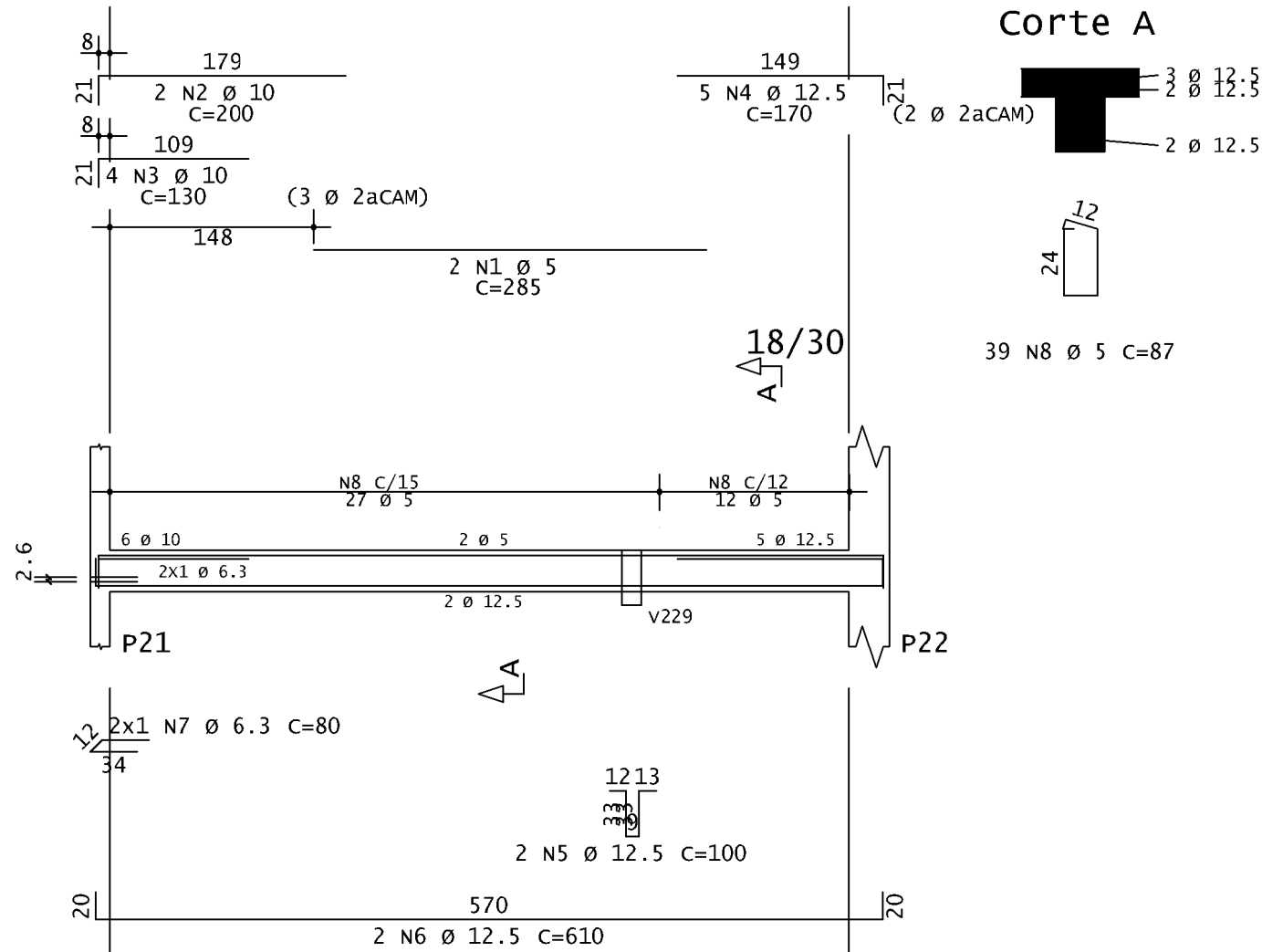
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
Subsolo – Armadura positiva secundaria					
50A	1	6.3	25	193	4825
50A	2	6.3	29	434	12586
50A	3	6.3	25	427	10675
50A	4	6.3	96	240	23040
50A	5	6.3	120	253	30360
50A	6	6.3	72	512	36864
50A	7	6.3	72	297	21384
50A	8	6.3	25	477	11925
50A	9	6.3	17	473	8041
50A	10	6.3	19	452	8588
50A	11	6.3	13	84	1092
50A	12	6.3	13	367	4771
50A	13	6.3	20	407	8140
50A	14	6.3	20	433	8660
50A	15	6.3	20	193	3860
50A	16	6.3	17	407	6919
50A	17	6.3	11	203	2233
50A	18	6.3	11	214	2354
50A	19	6.3	13	513	6669
50A	20	6.3	2	458	916
50A	21	6.3	11	149	1639
50A	22	6.3	11	129	1419
50A	23	6.3	3	435	1305
50A	24	6.3	1	460	460
50A	25	6.3	27	248	6696
50A	26	6.3	7	411	2877
50A	27	6.3	9	158	1422
50A	28	6.3	9	266	2394
50A	29	6.3	17	97	1649
50A	30	6.3	17	269	4573

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
50A	mm	m	kgf
50A	6.3	2302	564
50A	8	81	32
Peso Total		50A =	596 kgf

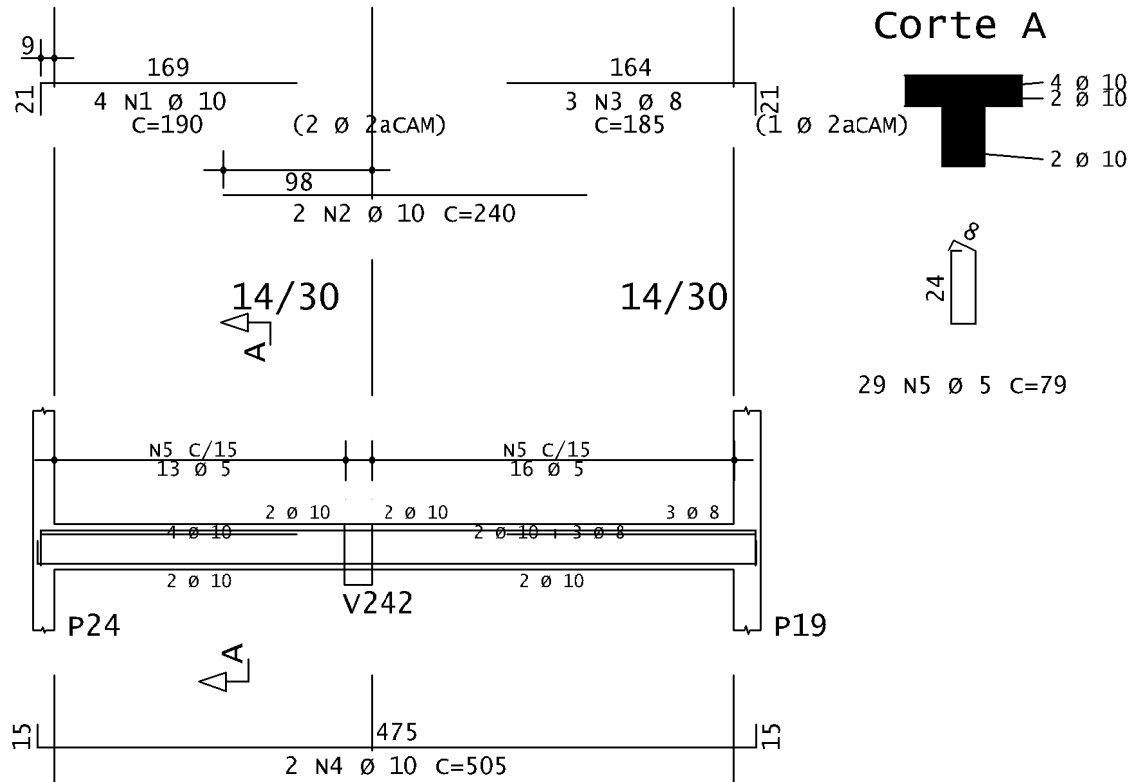
PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188	QUADRA: 089	ÍNDICE IPTU: 01.1.050.0188.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:			DATA: 04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 259.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	
FELIX:		FELIX:	
FELIX:		FELIX:	

TIPO NOME ARQUIVO:
EST - PROJETO CÂMARA

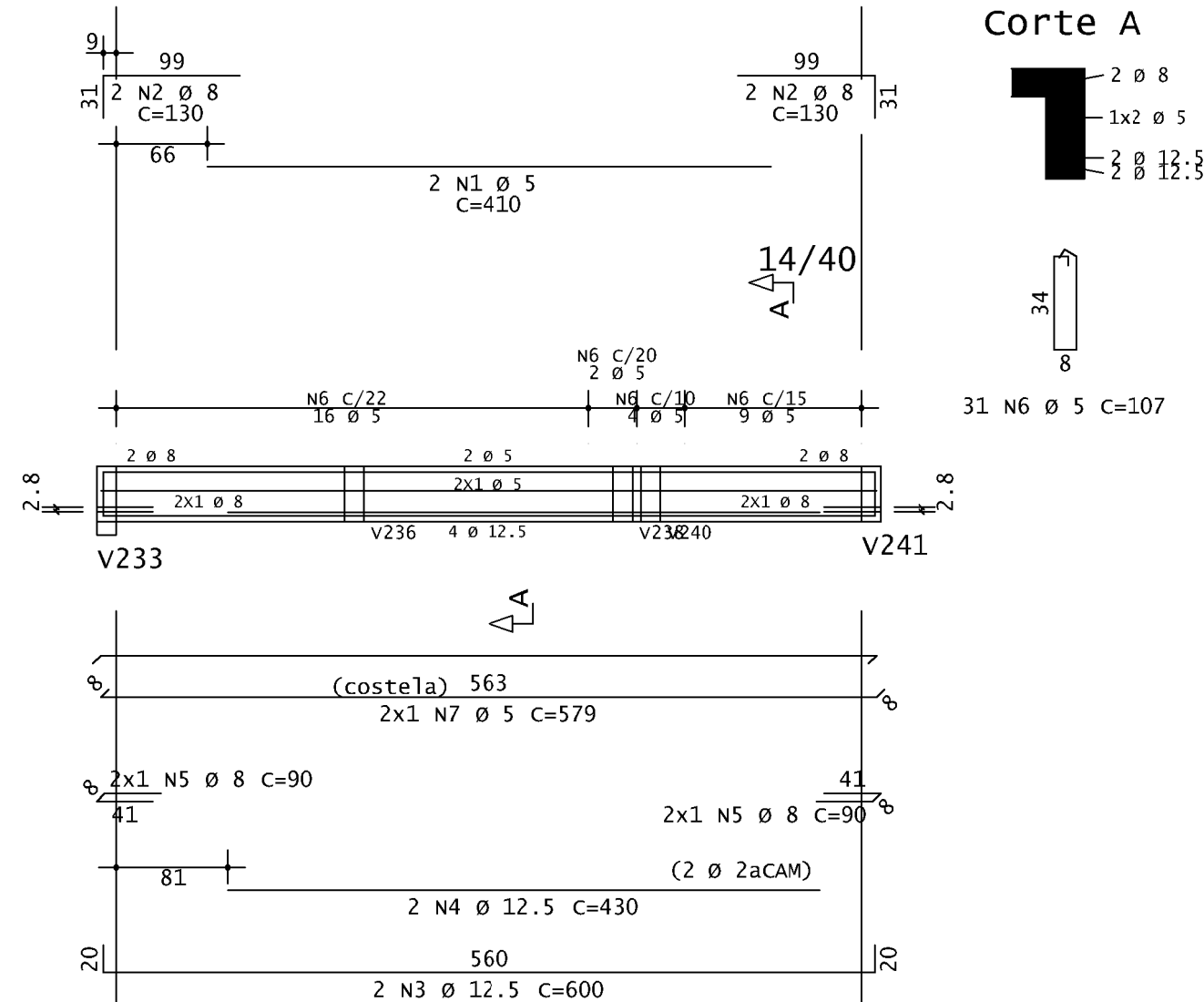
v212



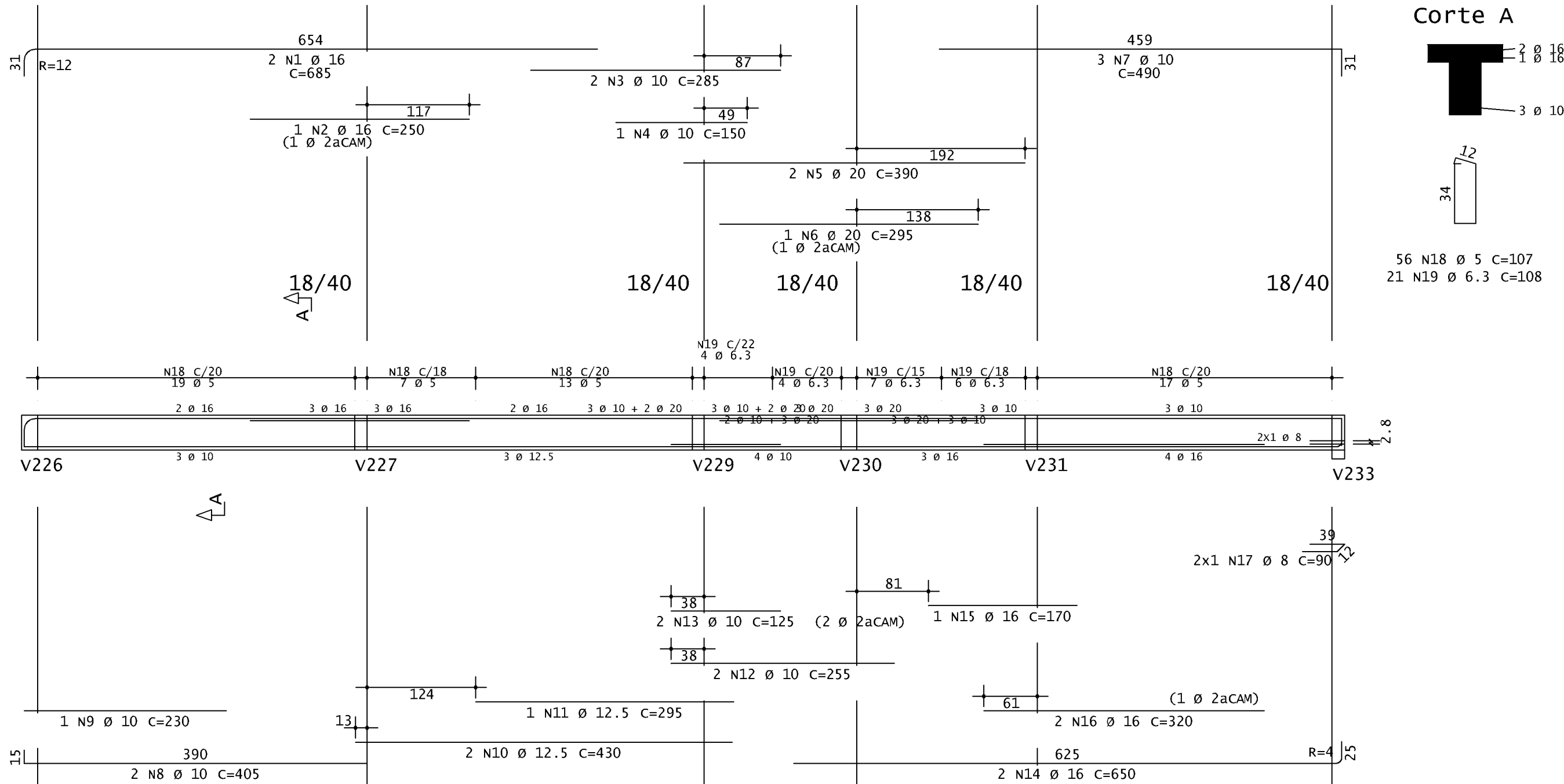
v213



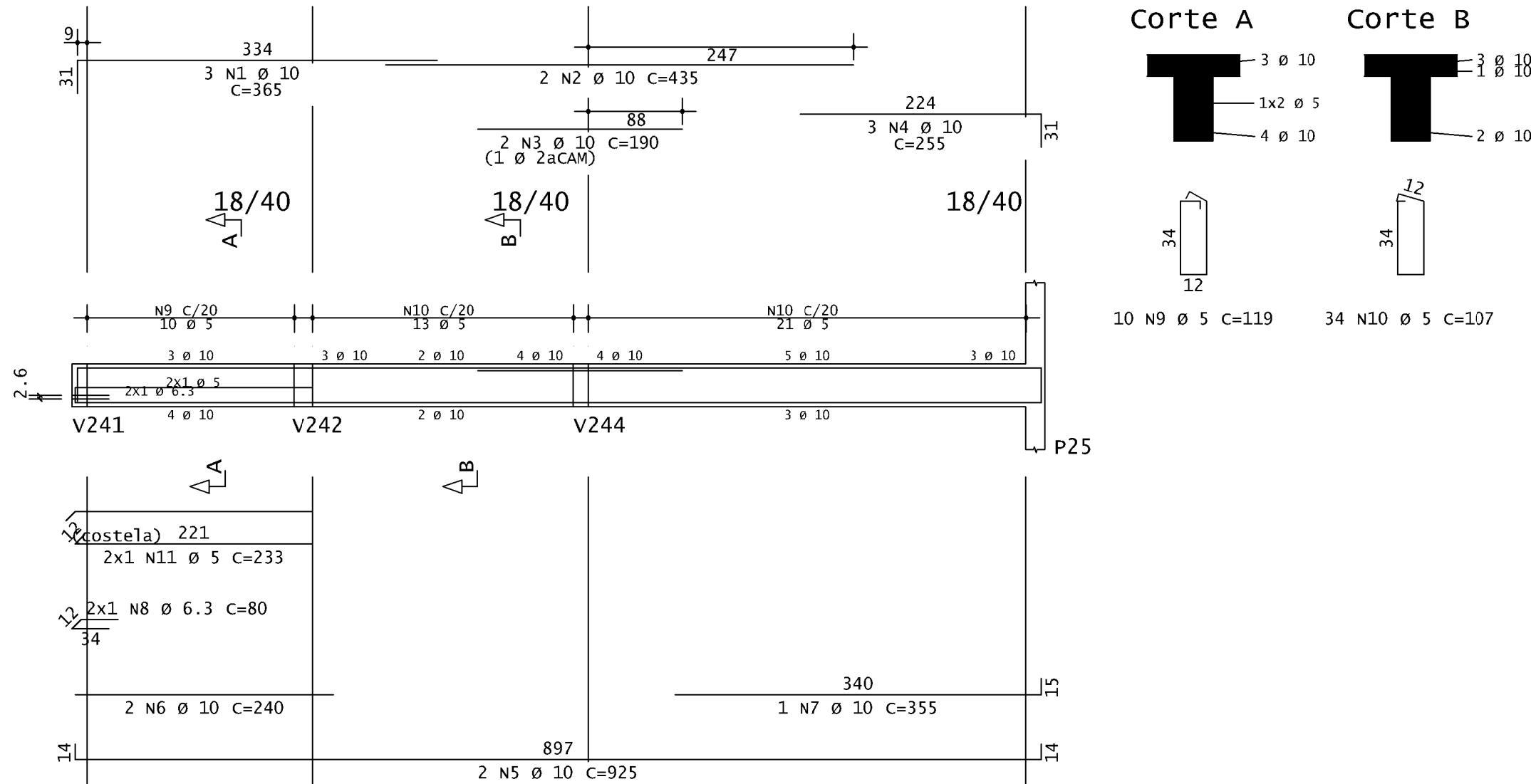
v214



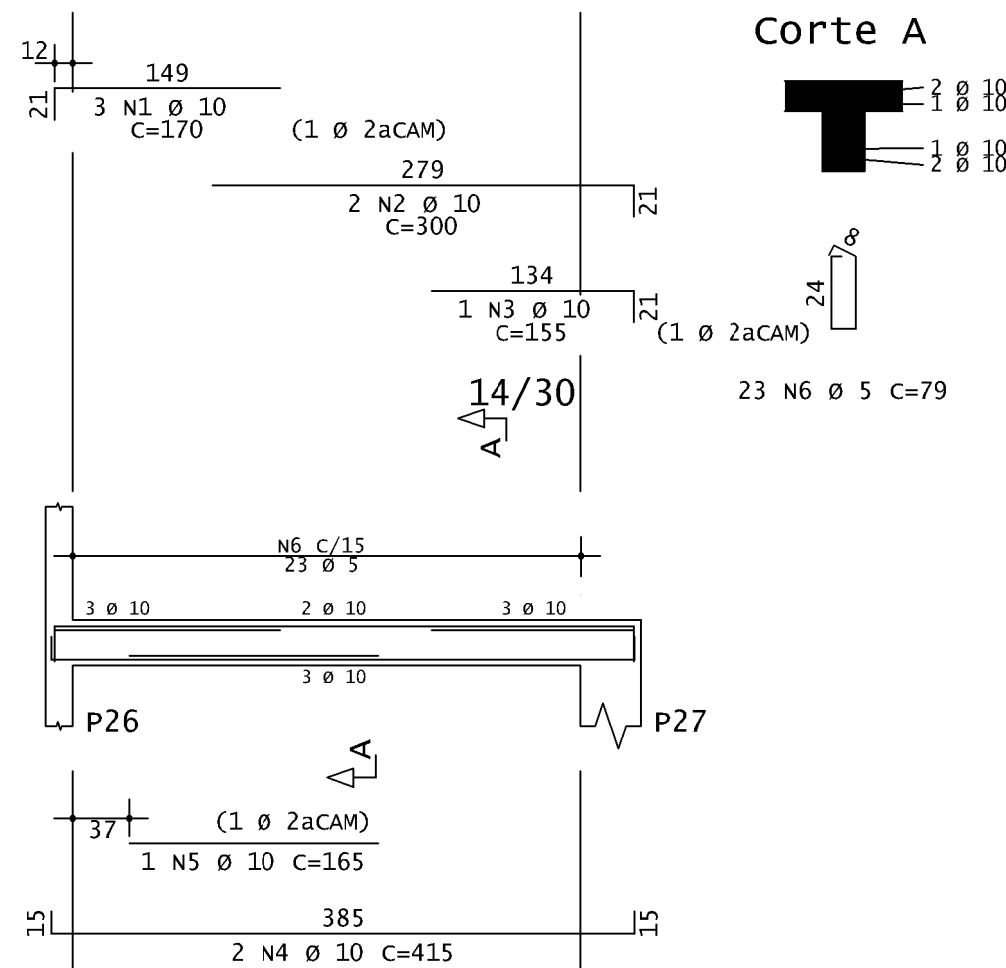
v215



v216



v217

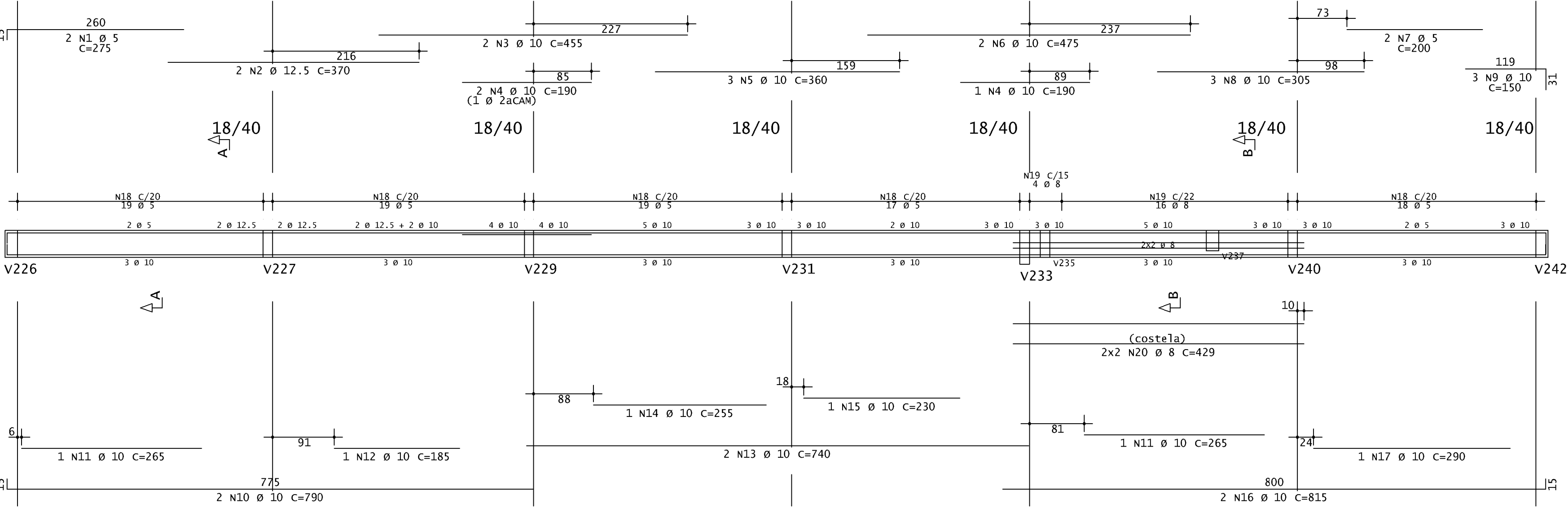


AÇO	POS	BIT	QUANT	COMPRIMENTO		
				UNIT	TOTAL	
				cm	cm	
V212	60A	1	5	2	285	570
	50A	2	10	2	130	260
	50A	3	10	4	130	520
	50A	4	12.5	5	170	850
	50A	5	12.5	2	100	200
	50A	6	12.5	2	610	1220
	50A	7	6.3	2	80	160
	60A	8	5	39	87	3393
V213	50A	1	10	4	190	760
	50A	2	10	2	240	480
	50A	3	8	3	185	555
	50A	4	10	2	505	1010
	60A	5	5	29	79	2291
V214	60A	1	5	2	410	820
	50A	2	8	4	130	520
	50A	3	12.5	2	600	1200
	50A	4	12.5	2	430	860
	50A	5	8	4	90	360
	60A	6	5	31	107	3317
	60A	7	5	2	579	1158
V215	50A	1	16	2	685	1370
	50A	2	16	1	250	250
	50A	3	10	2	285	570
	50A	4	10	1	150	150
	50A	5	20	2	390	780
	50A	6	20	1	295	295
	50A	7	10	3	490	1470
	50A	8	10	2	405	810
	50A	9	10	1	230	230
	50A	10	12.5	2	430	860
	50A	11	12.5	1	295	295
	50A	12	10	2	255	510
	50A	13	10	2	125	250
	50A	14	16	2	650	1300
	50A	15	16	1	170	170
	50A	16	16	2	320	640
	50A	17	8	2	90	180
	60A	18	5	56	107	5992
	60A	19	6.3	21	108	2268
V216	50A	1	10	3	365	1095
	50A	2	10	2	435	870
	50A	3	10	2	190	380
	50A	4	10	3	255	765
	50A	5	10	2	925	1850
	50A	6	10	2	240	480
	50A	7	10	1	355	355
	50A	8	6.3	2	80	160
	60A	9	5	10	119	1190
	60A	10	5	34	107	3638
	60A	11	5	2	233	466
V217	50A	1	10	3	170	510
	50A	2	10	2	300	600
	50A	3	10	1	155	155
	50A	4	10	2	415	830
	50A	5	10	1	165	165
	60A	6	5	23	79	1817

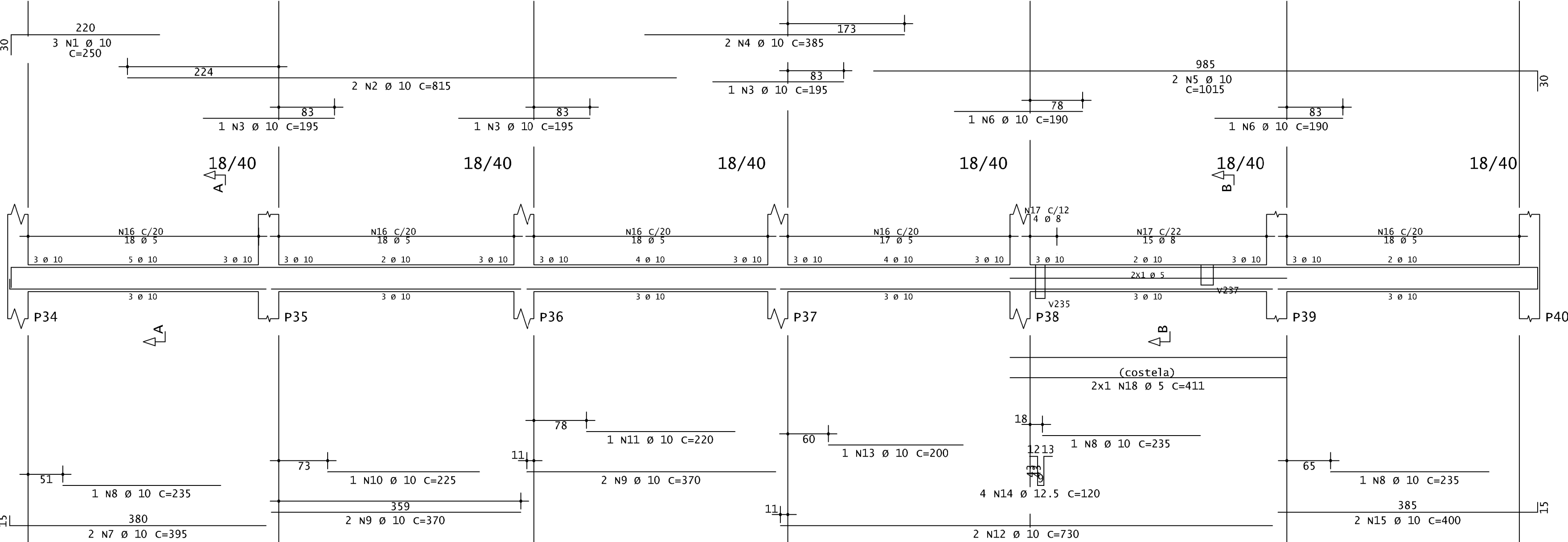
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	247	38
50A	6.3	25	6
50A	8	15	6
50A	10	152	94
50A	12.5	55	53
50A	16	37	59
50A	20	11	27
Peso Total	60A =		38 kgf
Peso Total	50A =		245 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188		QUADRA: 059	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÁMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 259.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	

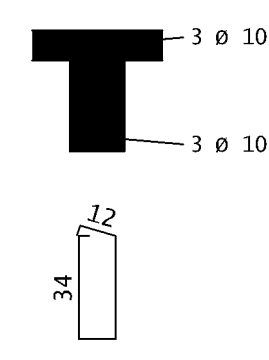
v218



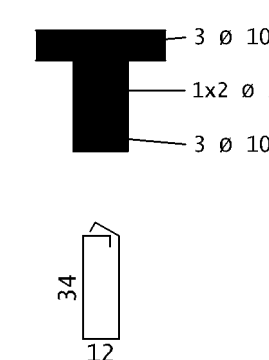
v224



Corte A

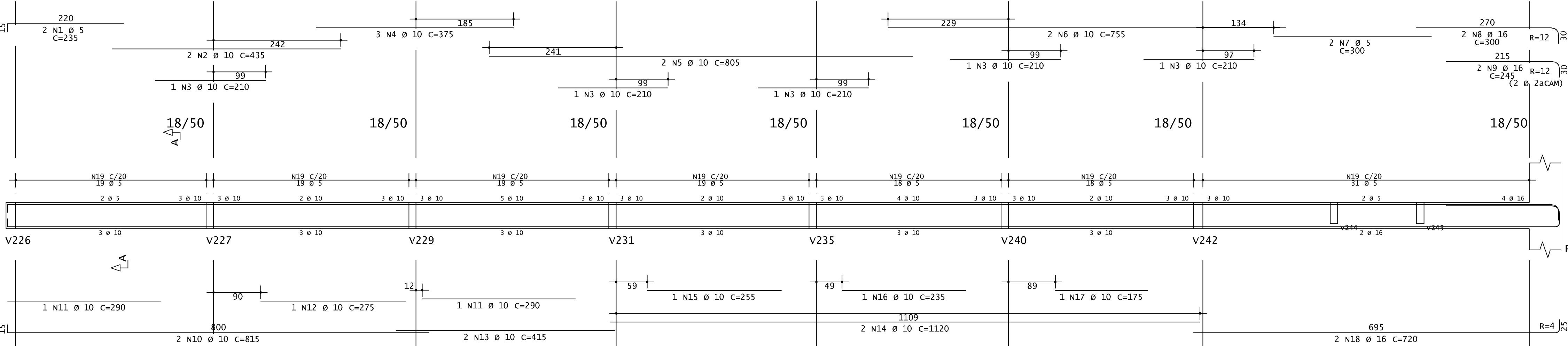


Corte B

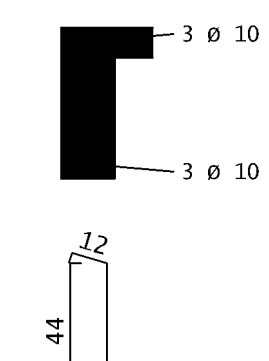


AÇO	POS	BIT mm	QUANT	COMPRIMENTO	
				UNIT cm	TOTAL cm
V224	50A	1	10	3	250
	50A	2	10	2	815
	50A	3	10	3	195
	50A	4	10	2	385
	50A	5	10	2	1015
	50A	6	10	2	190
	50A	7	10	2	395
	50A	8	10	3	235
	50A	9	10	4	370
	50A	10	10	1	225
	50A	11	10	1	220
	50A	12	10	2	730
	50A	13	10	1	200
	50A	14	12.5	4	120
	50A	15	10	2	400
	60A	16	5	89	107
	50A	17	8	19	122
	60A	18	5	2	411
V225	60A	1	5	2	235
	50A	2	10	2	435
	50A	3	10	5	210
	50A	4	10	3	375
	50A	5	10	2	805
	50A	6	10	2	755
	60A	7	5	2	300
	50A	8	16	2	600
	50A	9	16	2	245
	50A	10	10	2	815
	50A	11	10	2	290
	50A	12	10	1	275
	50A	13	10	2	415
	50A	14	10	2	1120
	50A	15	10	1	255
	50A	16	10	1	235
	50A	17	10	1	175
V226	50A	18	16	2	720
	60A	19	5	143	127
	60A	1	5	2	290
	50A	2	12.5	2	365
	50A	3	12.5	1	270
	50A	4	12.5	2	435
	50A	5	12.5	2	220
	50A	6	10	2	465
	60A	7	5	2	150
	50A	8	10	2	630
	50A	9	10	2	385
	50A	10	10	2	660
	60A	11	5	7	127
	60A	12	5	39	107
	60A	13	5	23	119
	60A	14	5	2	440

v225

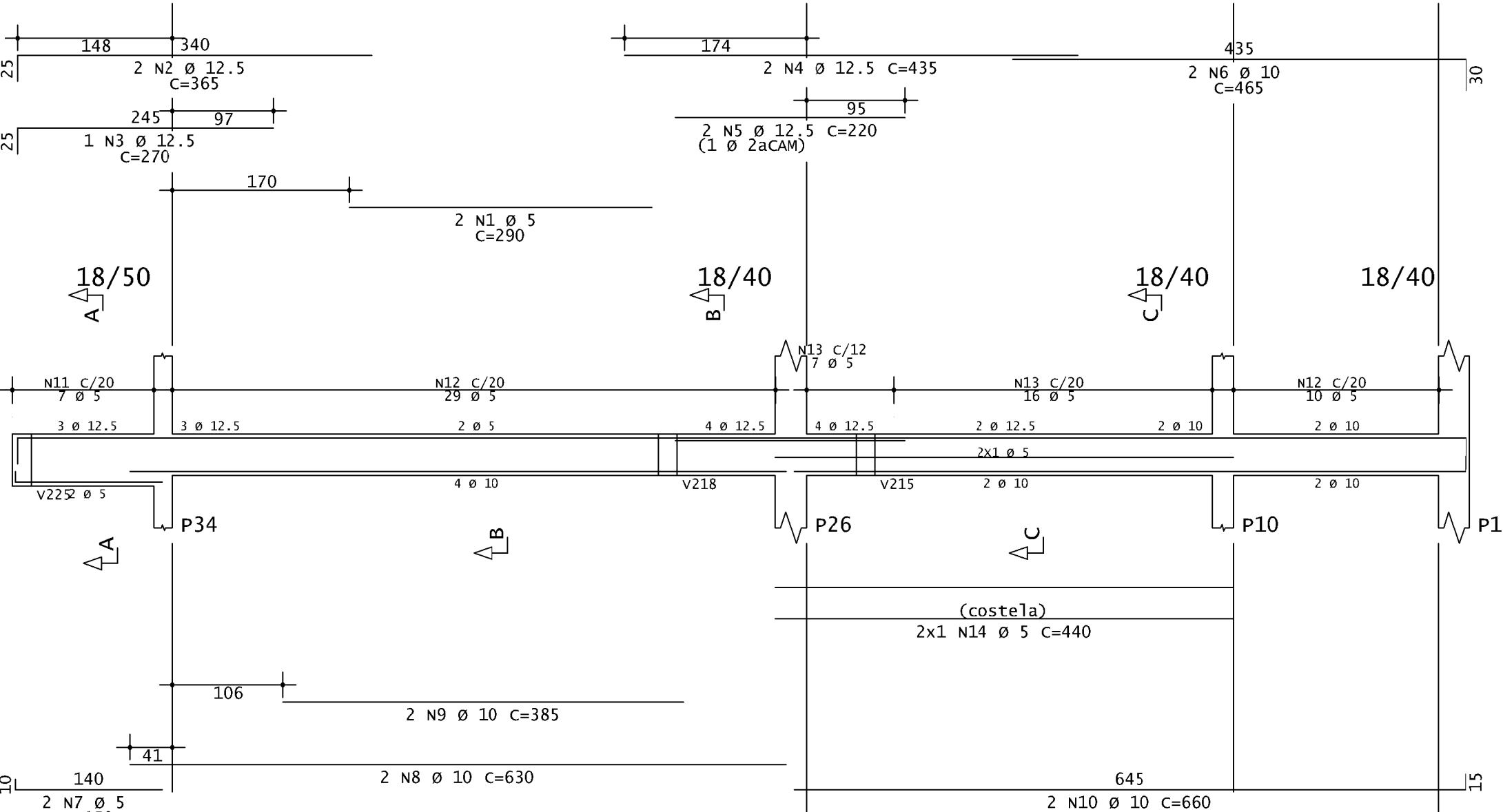


Corte A

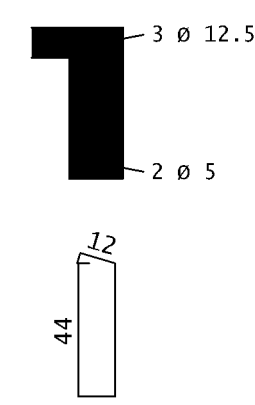


RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	391	60
50A	10	23	9
50A	12.5	28	177
50A	16	25	27
Peso Total		60A =	60 kgf
Peso Total		50A =	253 kgf

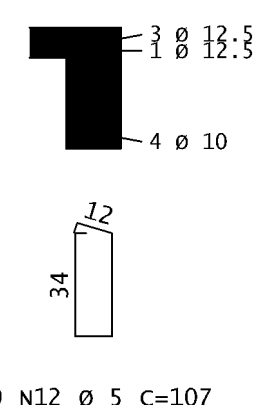
v226



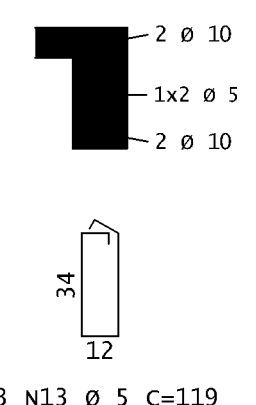
Corte A



Corte B

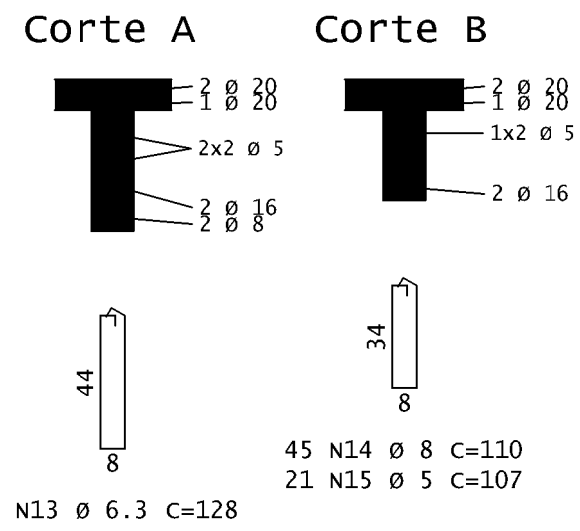
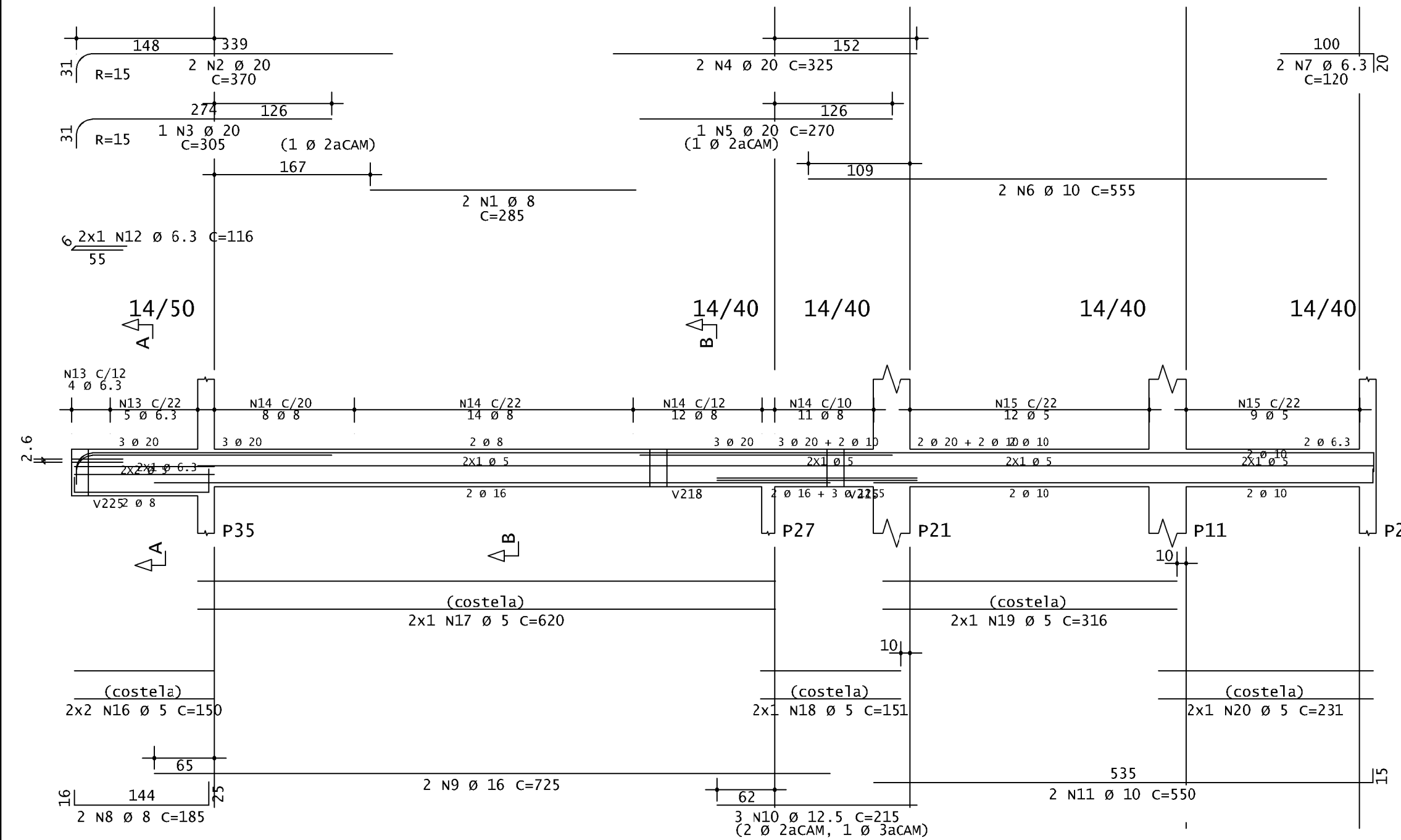


Corte C

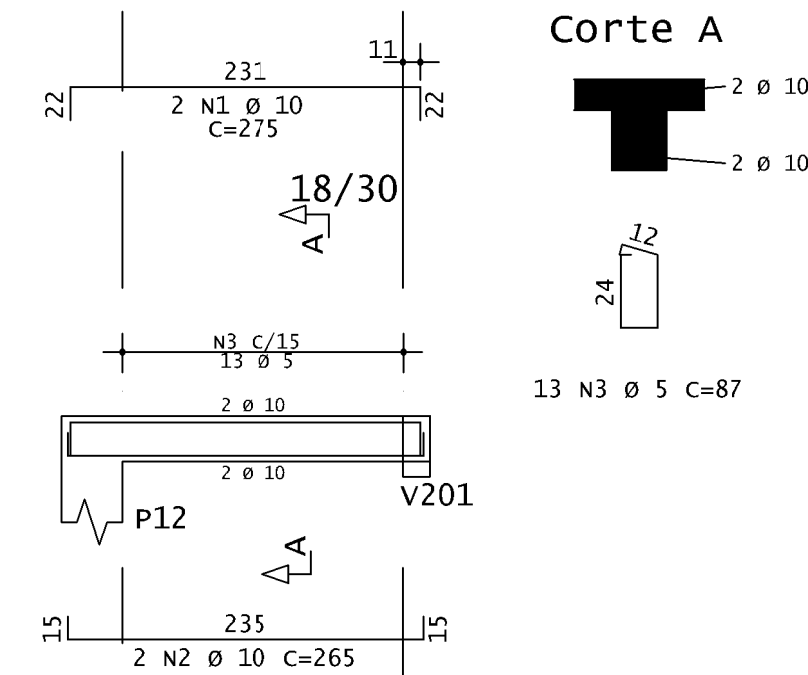


PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0108	QUADRA: 089	ÍNDICE: PTU: 01.1.050.0135.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 259.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	

v227



v228



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
			mm	cm	cm
V227					
50A	1	8	2	285	570
50A	2	20	2	370	740
50A	3	20	1	305	305
50A	4	20	2	325	650
50A	5	20	1	270	270
50A	6	10	2	555	1110
50A	7	6.3	2	120	240
50A	8	8	2	185	370
50A	9	16	2	725	1450
50A	10	12.5	3	115	645
50A	11	10	2	550	1100
50A	12	6.3	2	116	232
50A	13	6.3	9	128	1152
50A	14	8	45	110	4950
60A	15	5	21	107	2247
60A	16	5	4	150	600
60A	17	5	2	620	1240
60A	18	5	2	151	302
60A	19	5	2	316	632
60A	20	5	2	231	462

V228	50A	1	10	2	275	550
	50A	2	10	2	265	530
	60A	3	5	13	87	1131

v229	50A	1	16	2	370	740
	50A	2	8	2	215	430
	50A	3	20	2	360	720
	50A	4	20	1	255	255
	50A	5	10	2	590	1180
	50A	6	10	1	195	195
	50A	7	10	3	175	525
	50A	8	5	2	150	300
	50A	9	10	2	250	500
	50A	10	16	2	580	1160
	50A	11	16	1	210	210
	50A	12	10	2	535	1070
	60A	11	5	7	833	1199
	60A	14	5	31	99	3069
	60A	15	8	27	110	2970
	60A	16	5	2	529	1058

V230	50A	1	20	4	140	560
	50A	2	10	2	115	230
	50A	3	8	3	140	420
	50A	4	10	5	127	635
	60A	5	5	2	79	158

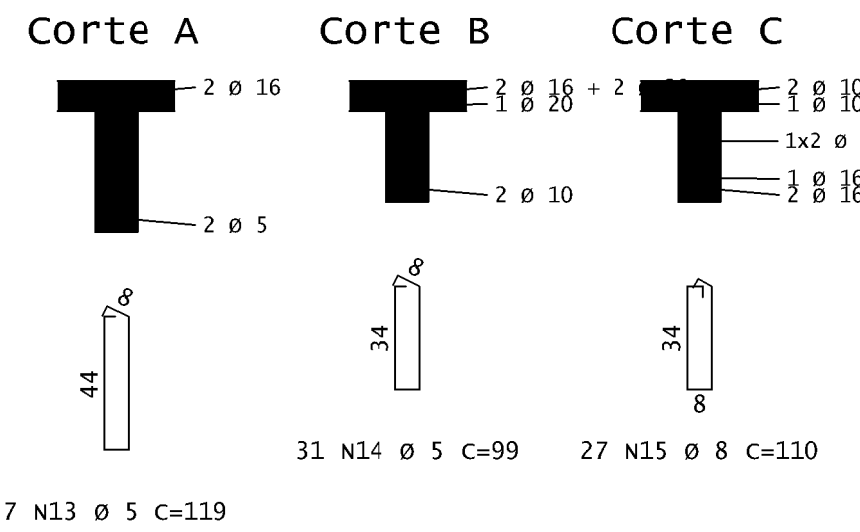
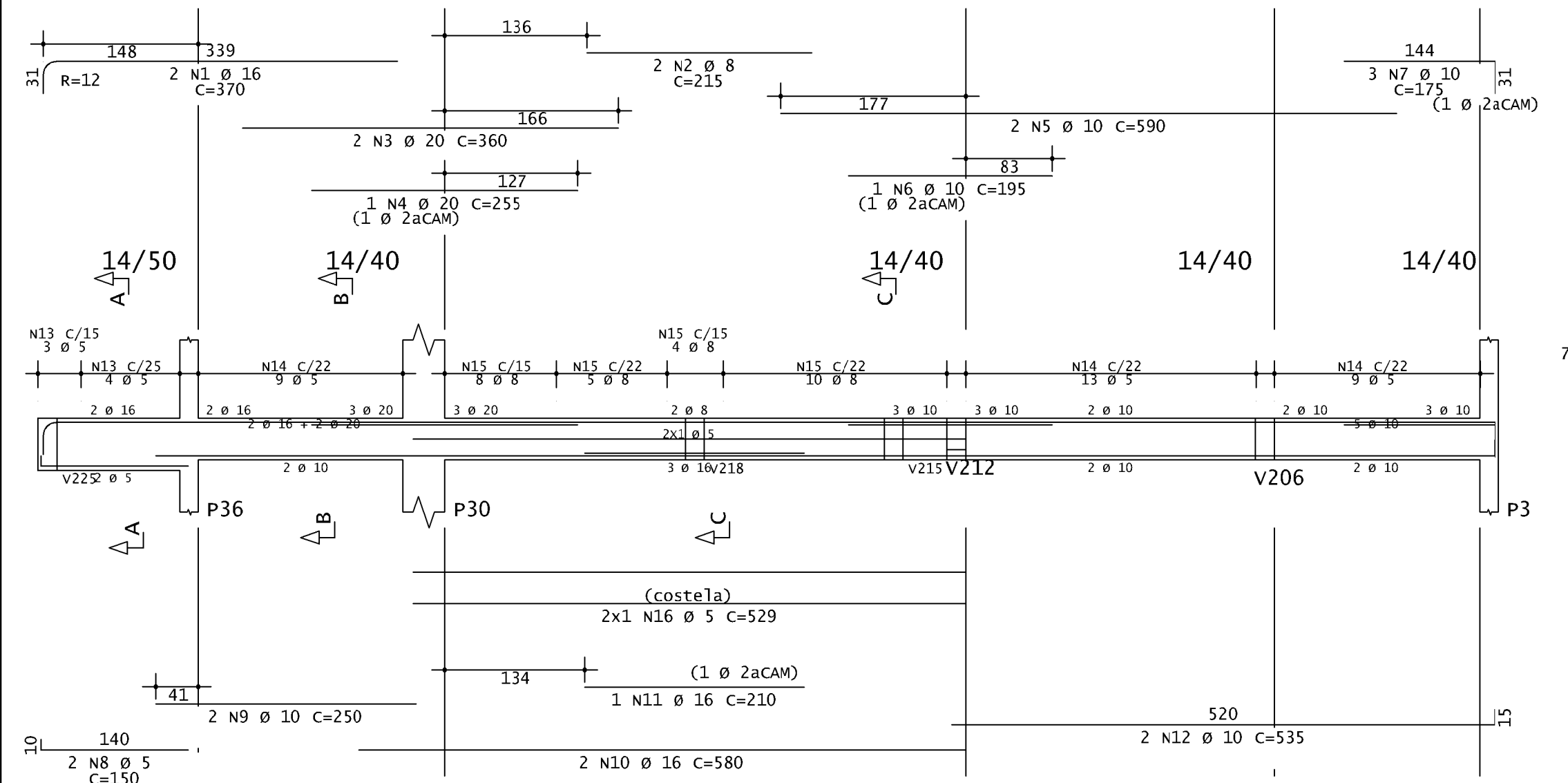
V232	50A	1	10	2	100	200
	50A	2	12.5	2	90	180
	50A	3	8	2	100	200
	50A	4	6.3	2	100	200
	60A	5	5	2	57	114

V233	50A	1	25	2	620	1240
	50A	2	25	1	500	500
	50A	3	10	2	255	510
	50A	4	6.3	2	120	240
	50A	5	16	4	360	1440
	50A	6	10	2	535	1070
	50A	7	6.3	2	232	464
	50A	8	8	18	130	2340
	60A	9	5	14	127	1778
	60A	10	5	6	119	714
	60A	11	5	4	272	1088
	60A	12	5	4	344	1376

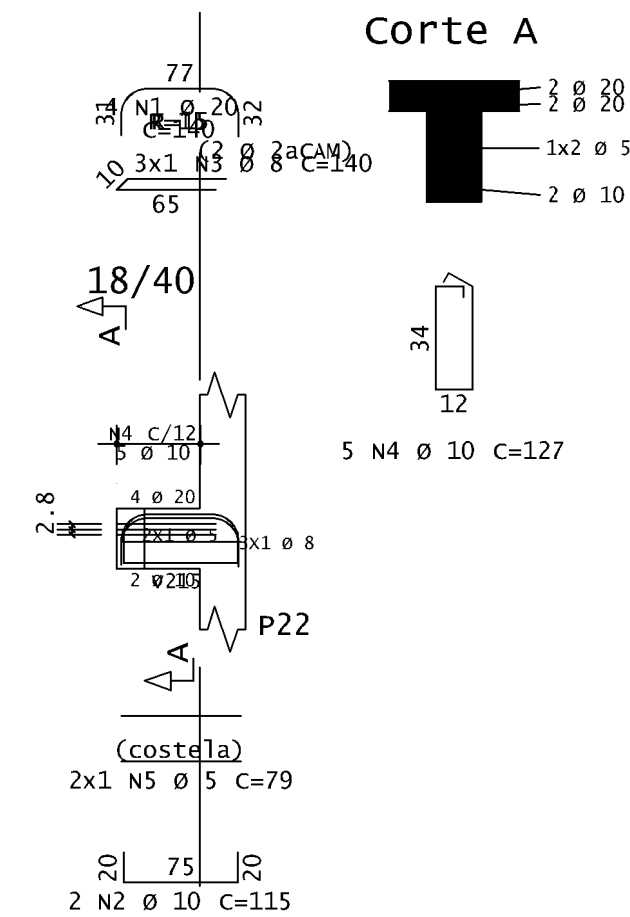
V234	50A	1	6.3	2	350	700
	50A	2	8	2	350	700
	60A	3	5	19	79	1501

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	185	29
50A	6.3	30	7
50A	8	130	51
50A	10	94	58
50A	12.5	8	8
50A	16	50	79
50A	20	35	67
50A	25	17	86
Peso Total	60A =		29 kgf
Peso Total	50A =		357 kgf

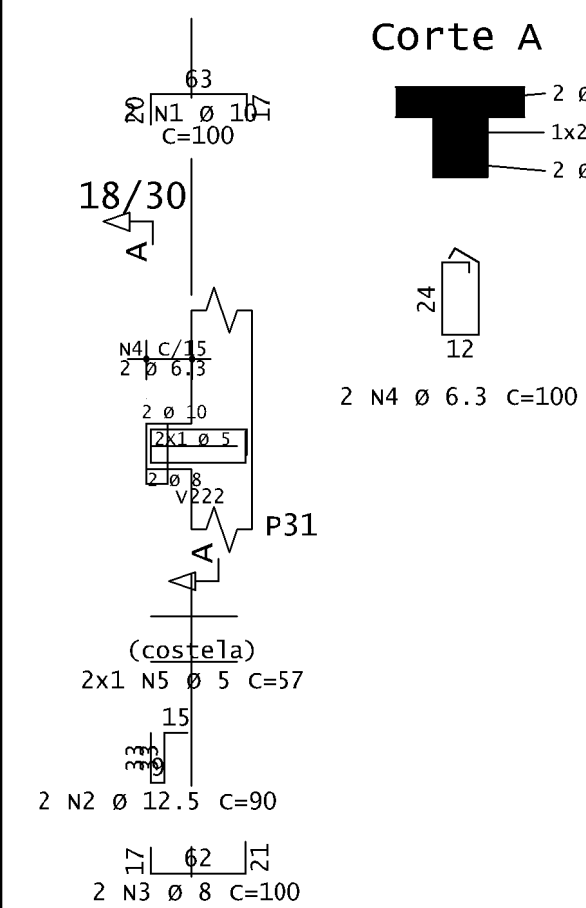
v229



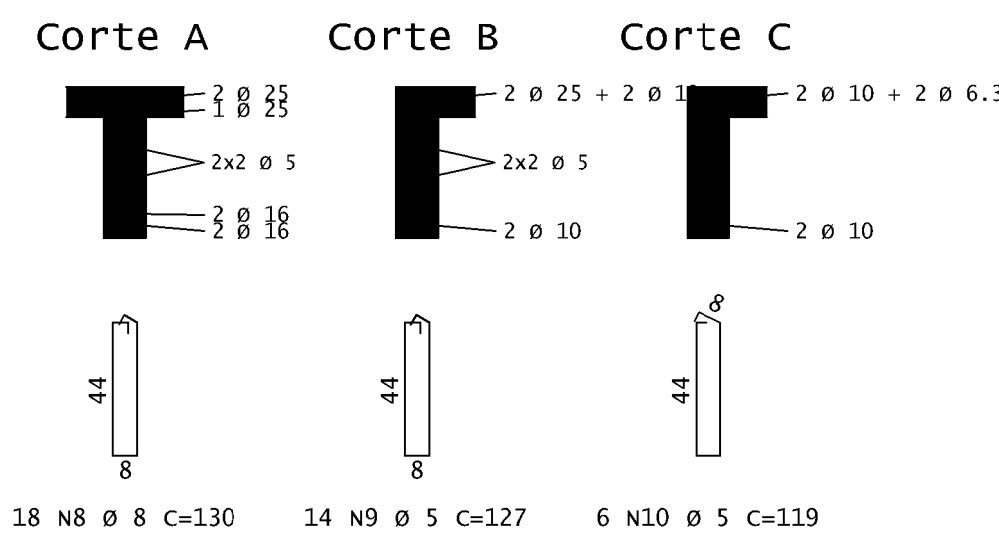
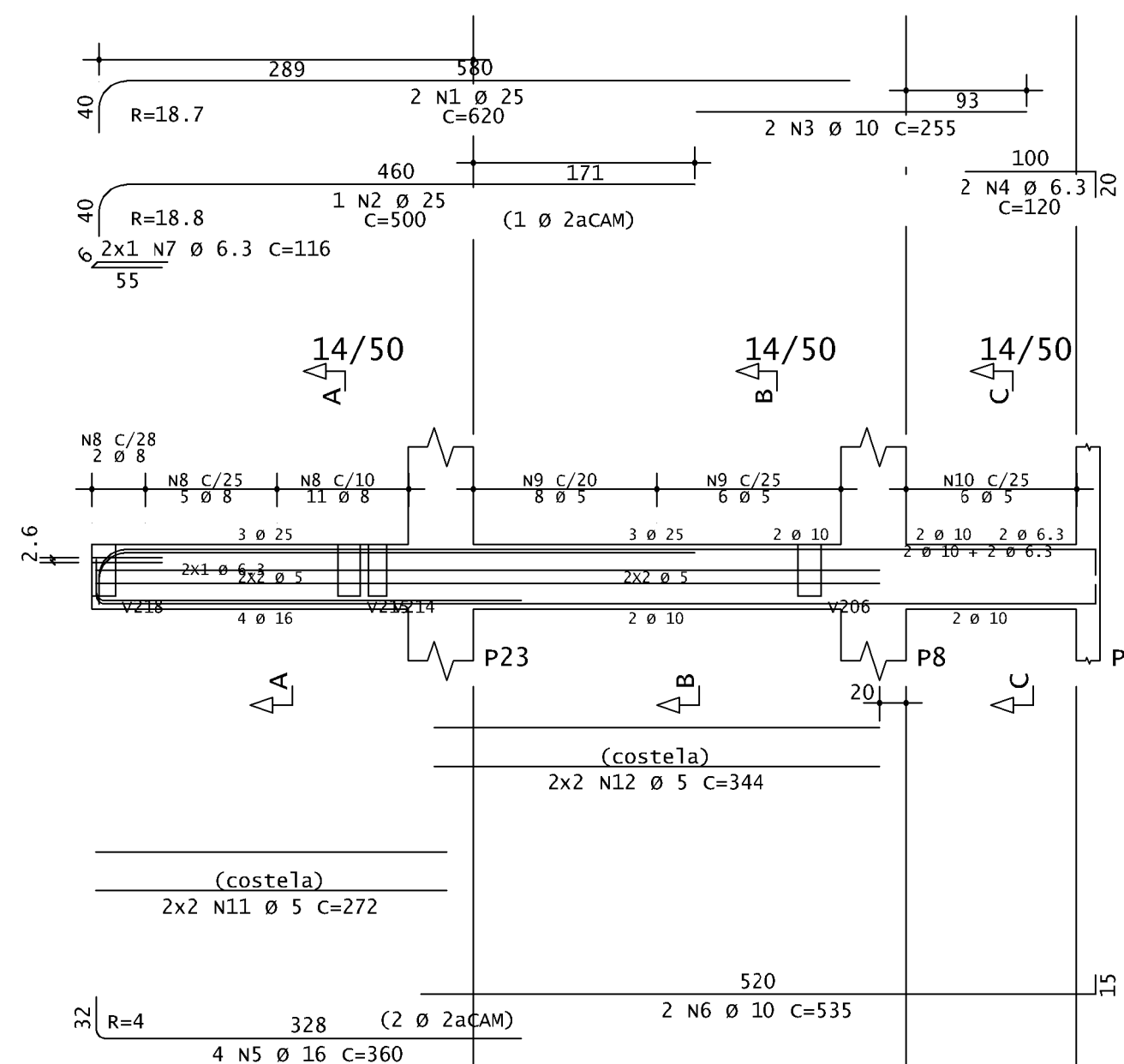
v230



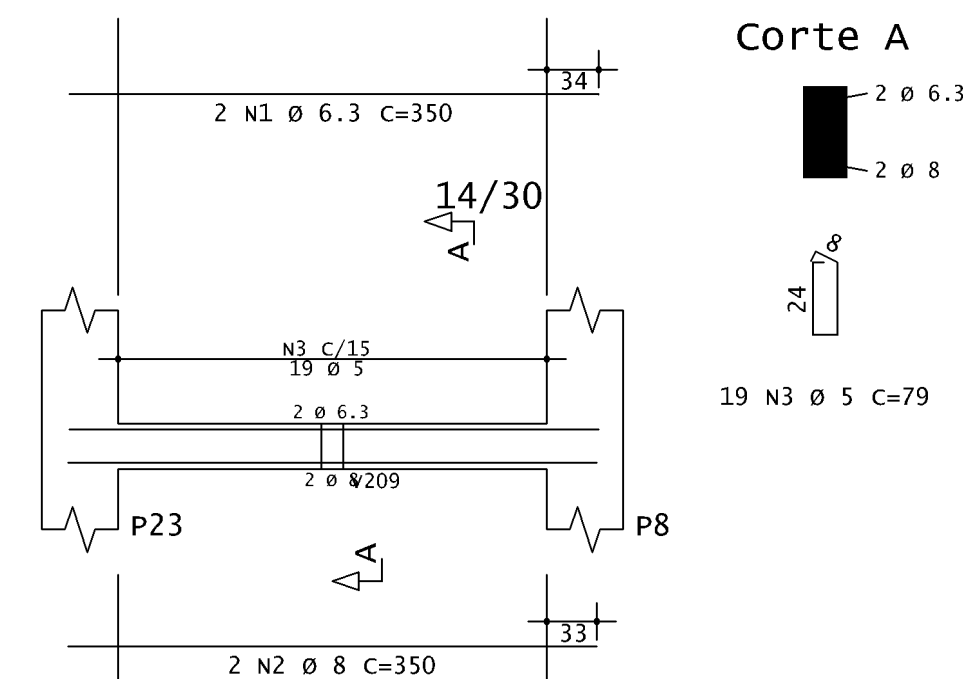
v232




v233



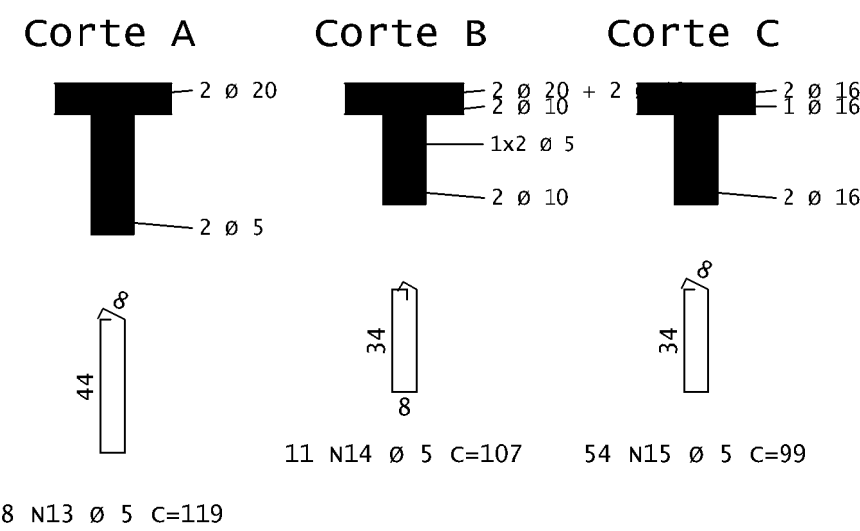
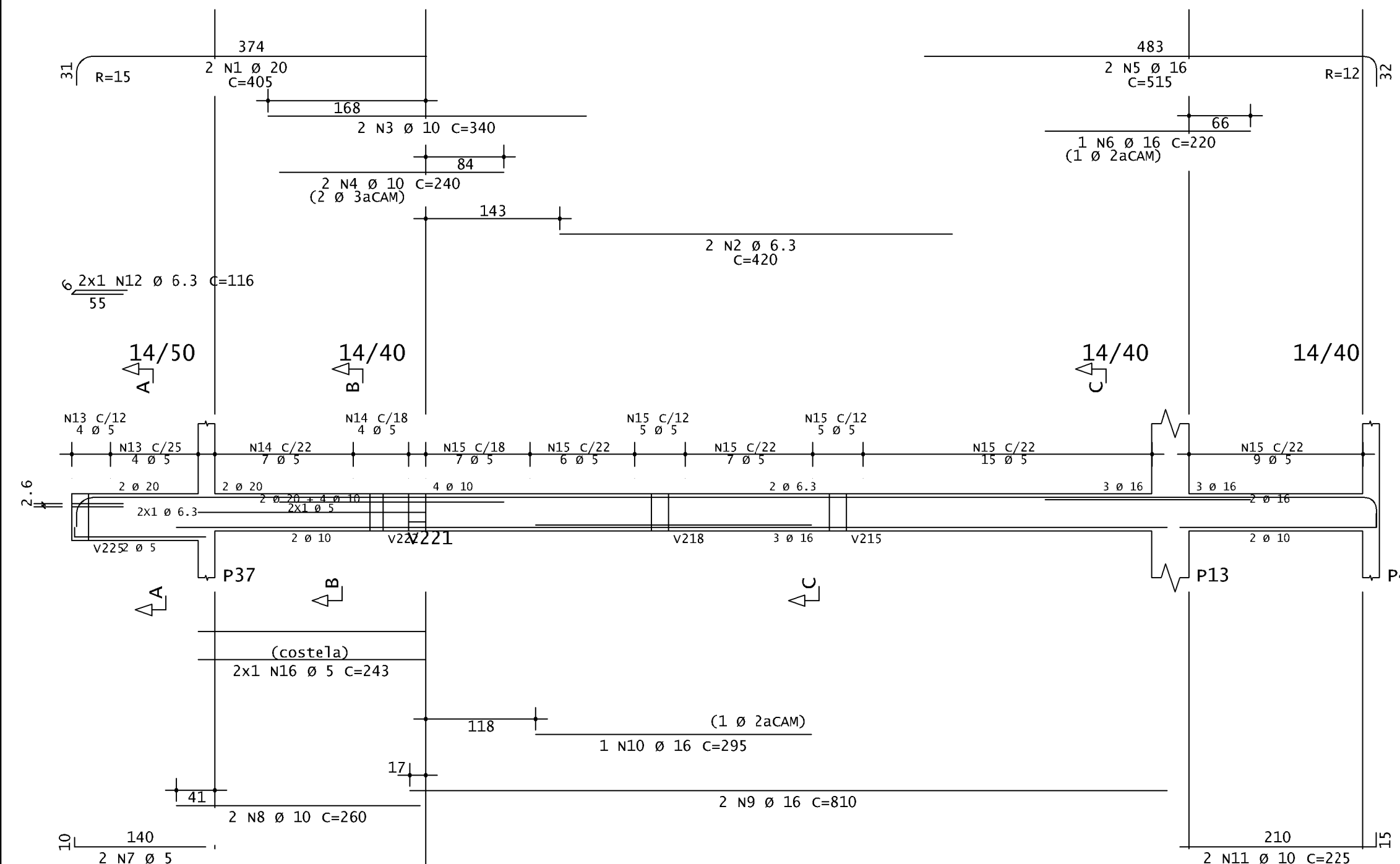
v234



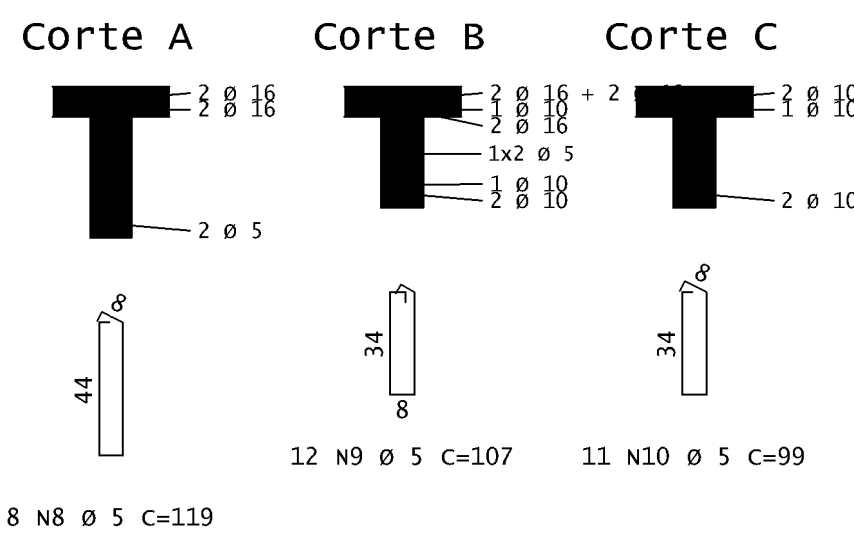
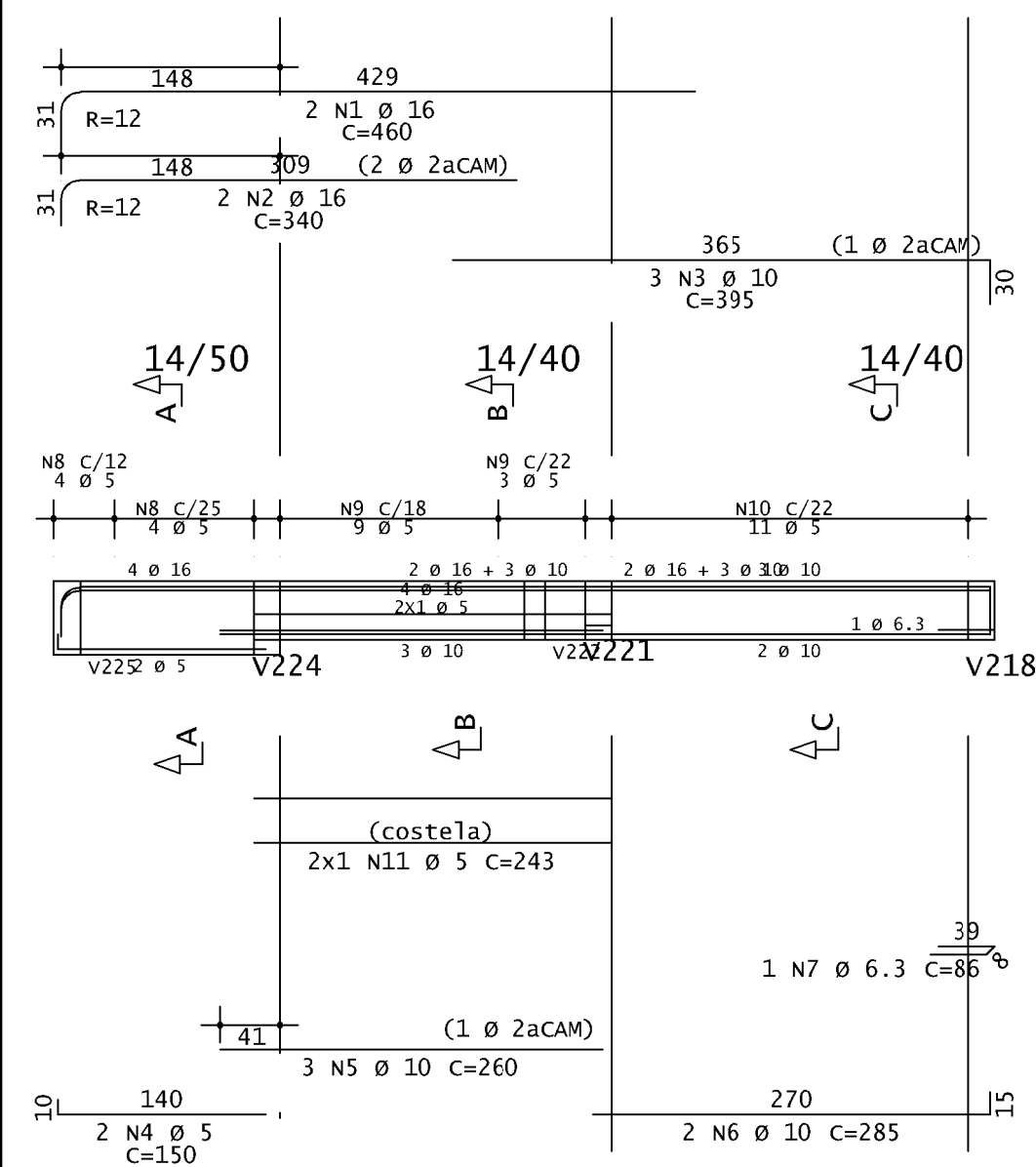
RUA: RUA LUIZ ALVES. 88		BANCO: CENTRO	
LOTES: 0135	QUADRA: 059	INDICE FTU: 011.559.0135.001	
TITULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEUDO:		DATA:	04/10/2025

RESPONSÁVEIS	
PROPRIETÁRIO:	CPF: CNPJ:
CÁMARA MUNICIPAL DE MARTINHO CAMPOS	
238.879.000/1-0001-14	
RESPONSÁVEL TÉCNICO:	CREA:
<div>  </div>	
<div> <div> SÁVIO VINÍCIUS ISRAEL SAVIOISRAEL.ENX@GMAIL.COM ORIENTAENG CONSULTORIA@GMAIL.COM </div> <div> CREACHAENG - 359.909.D (17) 9.1827-9154 (37) 9.9996-7370 </div> </div>	

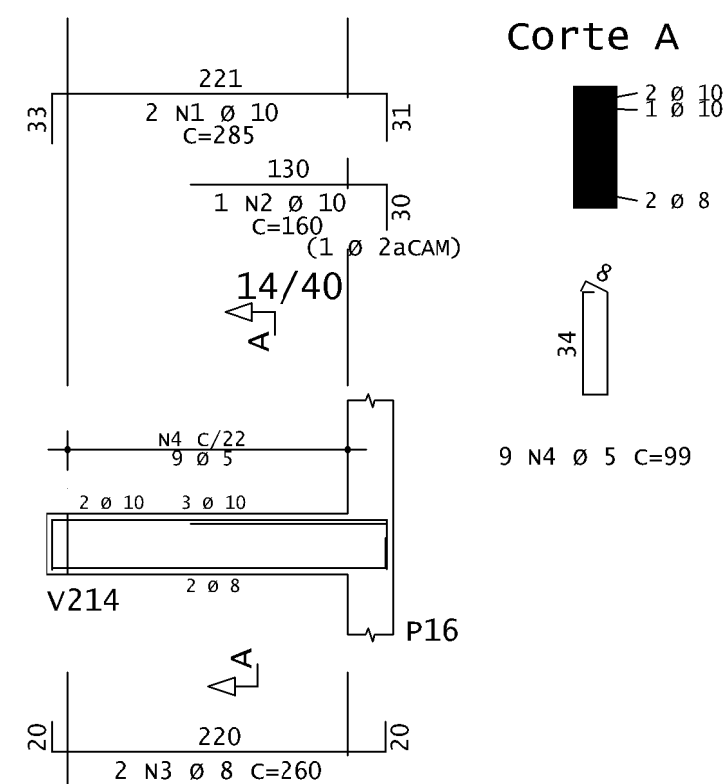
v231



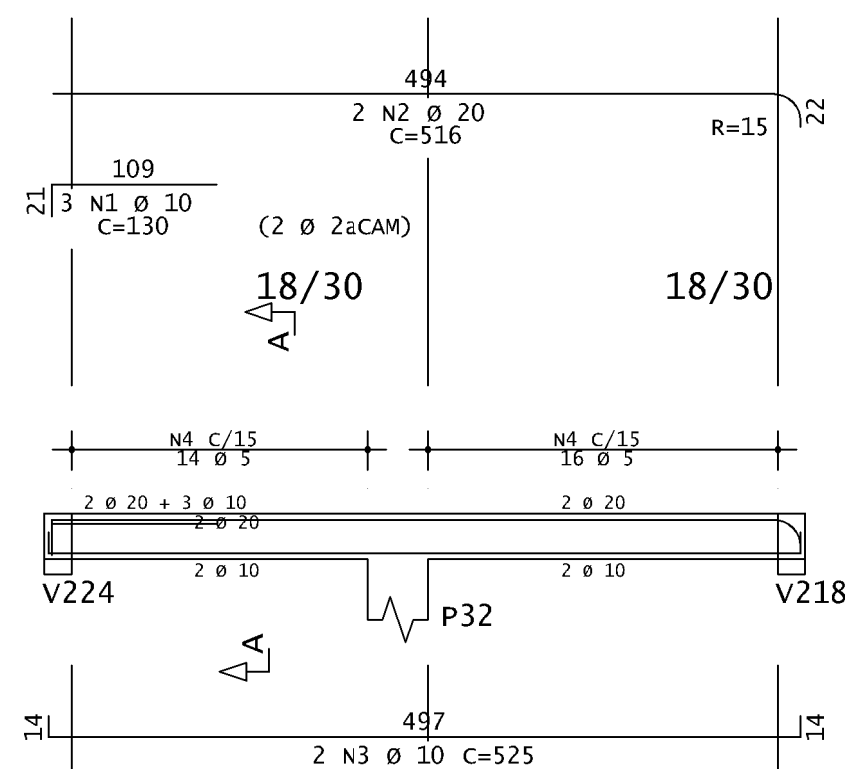
v235



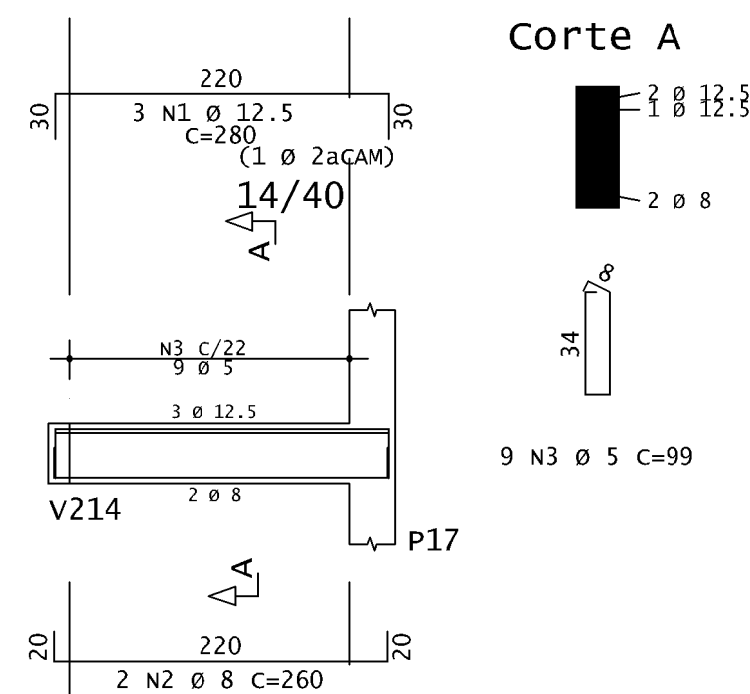
v236



v237



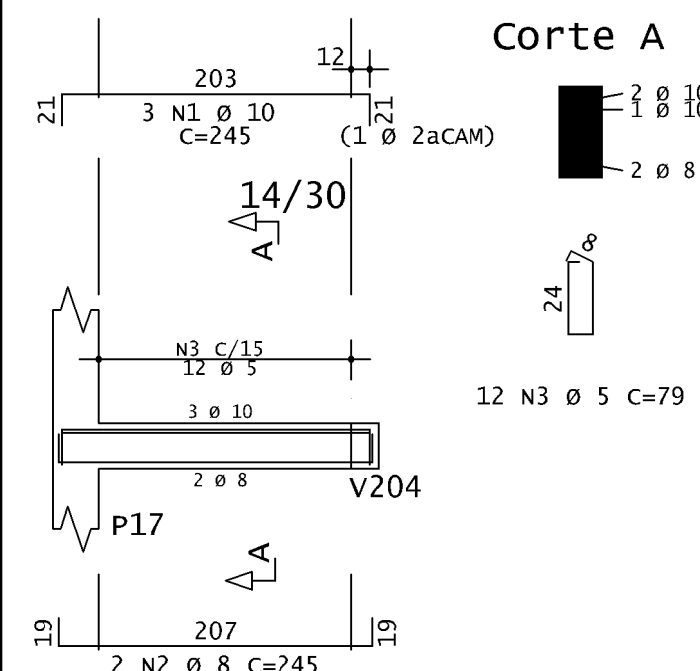
v238



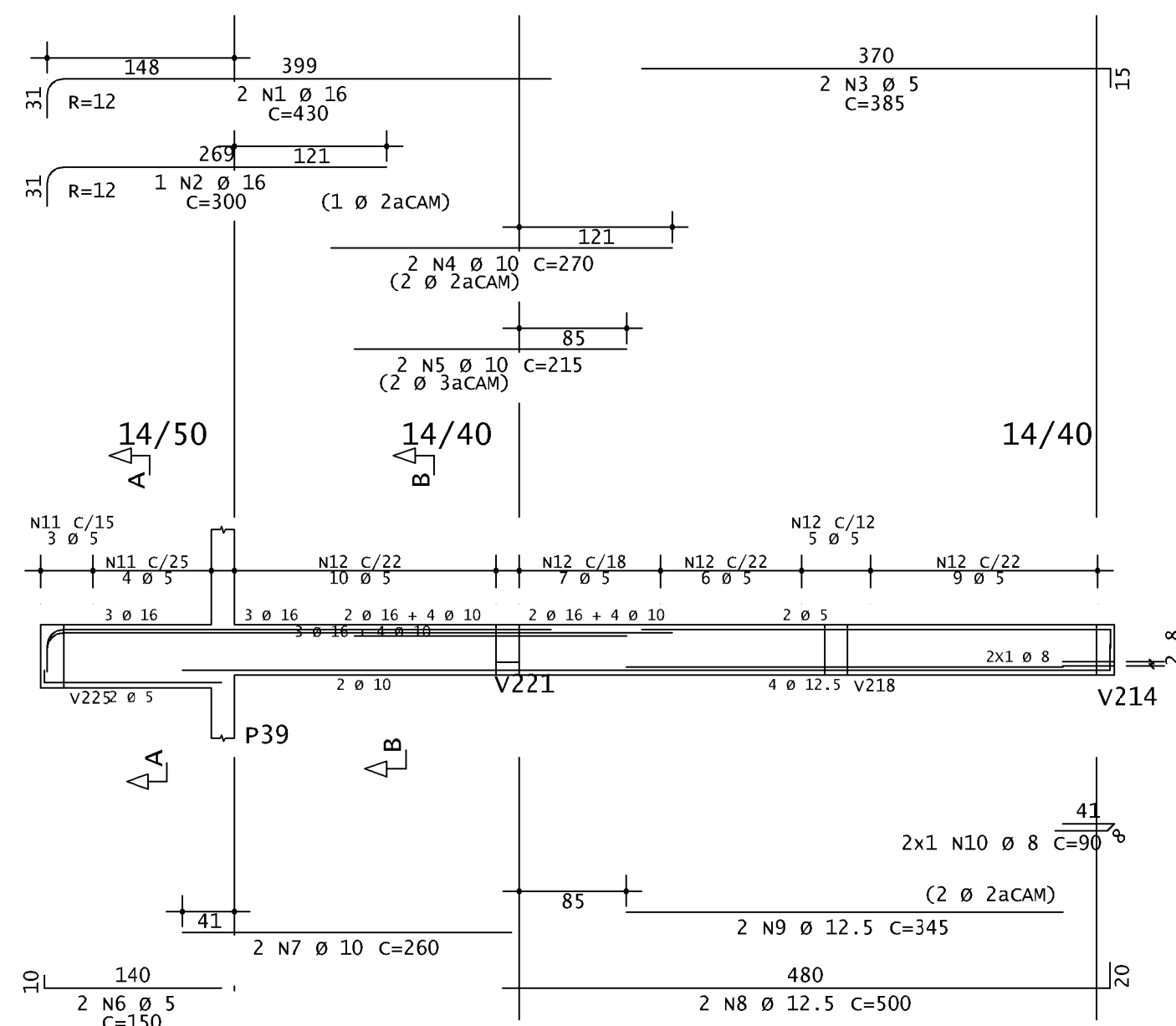
	AÇO	POS	BIT	QUANT	COMPRIMENTO	
					UNIT	TOTAL
			mm		cm	cm
V231	50A	1	20	2	405	810
	50A	2	6.3	2	420	840
	50A	3	10	2	340	680
	50A	4	10	2	240	480
	50A	5	16	2	515	1030
	50A	6	16	1	220	220
	60A	7	5	2	150	300
	50A	8	10	2	260	520
	50A	9	16	2	810	1620
	50A	10	16	1	295	295
	50A	11	2	225	450	225
	50A	12	6.3	2	116	232
	60A	13	5	8	119	952
	60A	14	5	11	107	1177
V235	60A	15	5	54	99	5346
	60A	16	5	2	243	486
	50A	1	16	2	460	920
	50A	2	16	2	340	680
	50A	3	10	3	395	1185
	60A	4	5	2	150	300
	50A	5	10	3	260	780
	50A	6	10	2	285	570
	50A	7	6.3	1	86	86
	60A	8	5	8	119	952
	60A	9	5	12	107	1284
	60A	10	5	11	99	1089
	60A	11	5	2	243	486
	V236	50A	1	10	2	285
50A		2	10	1	160	160
50A		3	8	2	260	520
60A		4	5	9	99	891
V237	50A	1	10	3	130	390
	50A	2	20	2	516	1032
	50A	3	10	2	525	1050
	60A	4	5	30	87	2610
V238	50A	1	12.5	3	280	840
	50A	2	8	2	260	520
	60A	3	5	9	99	891
V239	50A	1	10	3	245	735
	50A	2	8	2	245	490
	60A	3	5	12	79	948
V240	50A	1	16	2	430	860
	50A	2	16	1	300	300
	50A	3	10	2	385	770
	50A	4	10	2	270	540
	50A	5	10	2	215	430
	50A	6	5	2	150	300
	50A	7	10	2	260	520
	50A	8	12.5	2	500	1000
	50A	9	12.5	2	345	690
	50A	10	8	2	90	180
	60A	11	5	7	119	833
60A	12	5	37	99	3663	
V241	50A	1	12.5	2	335	670
	50A	2	12.5	1	220	220
	50A	3	8	2	175	350
	50A	4	10	2	475	894
	50A	5	8	5	110	550
	60A	6	5	13	99	1287
	60A	7	5	4	82	328

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	243	38
50A	6,3	12	3
50A	8	25	10
50A	10	100	61
50A	12,5	34	33
50A	16	53	93
50A	20	18	45
Peso Total		60A =	38 kgf
Peso Total		50A =	246 kgf

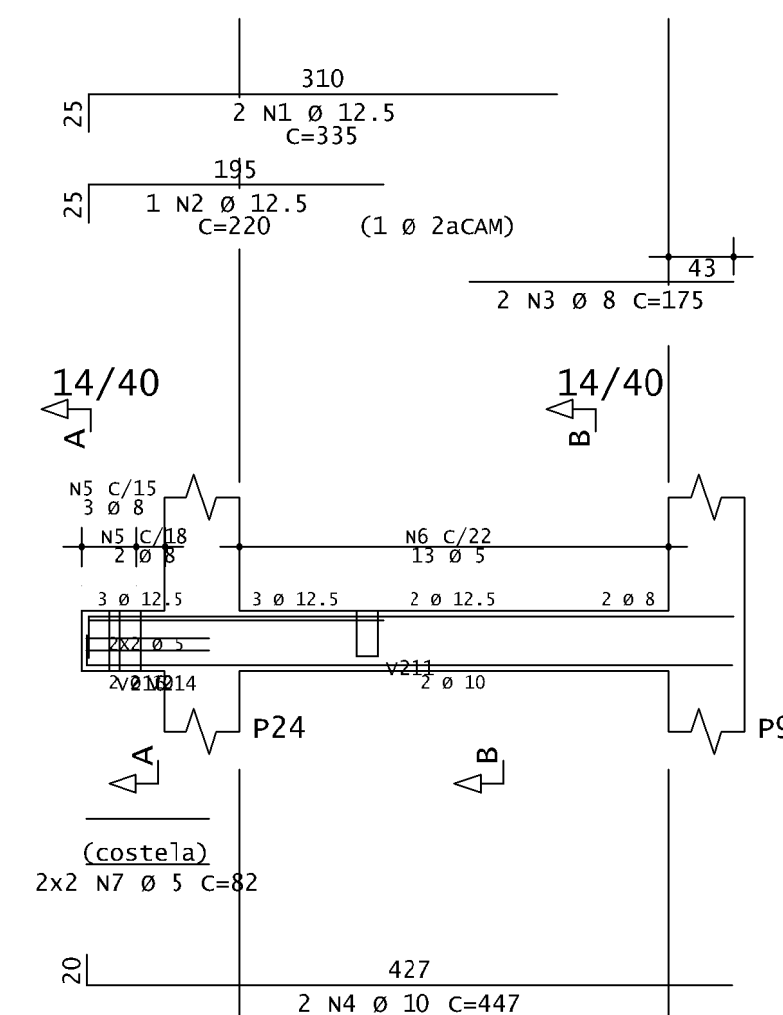
v239



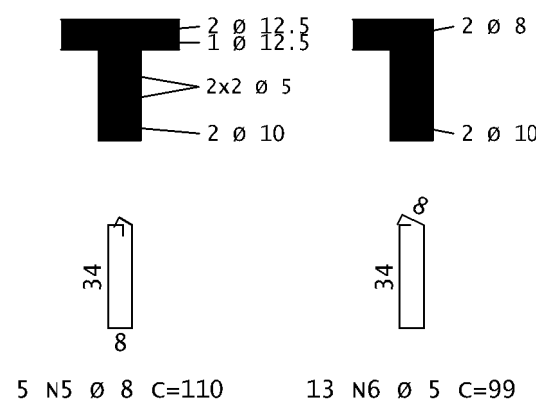
v240



v241



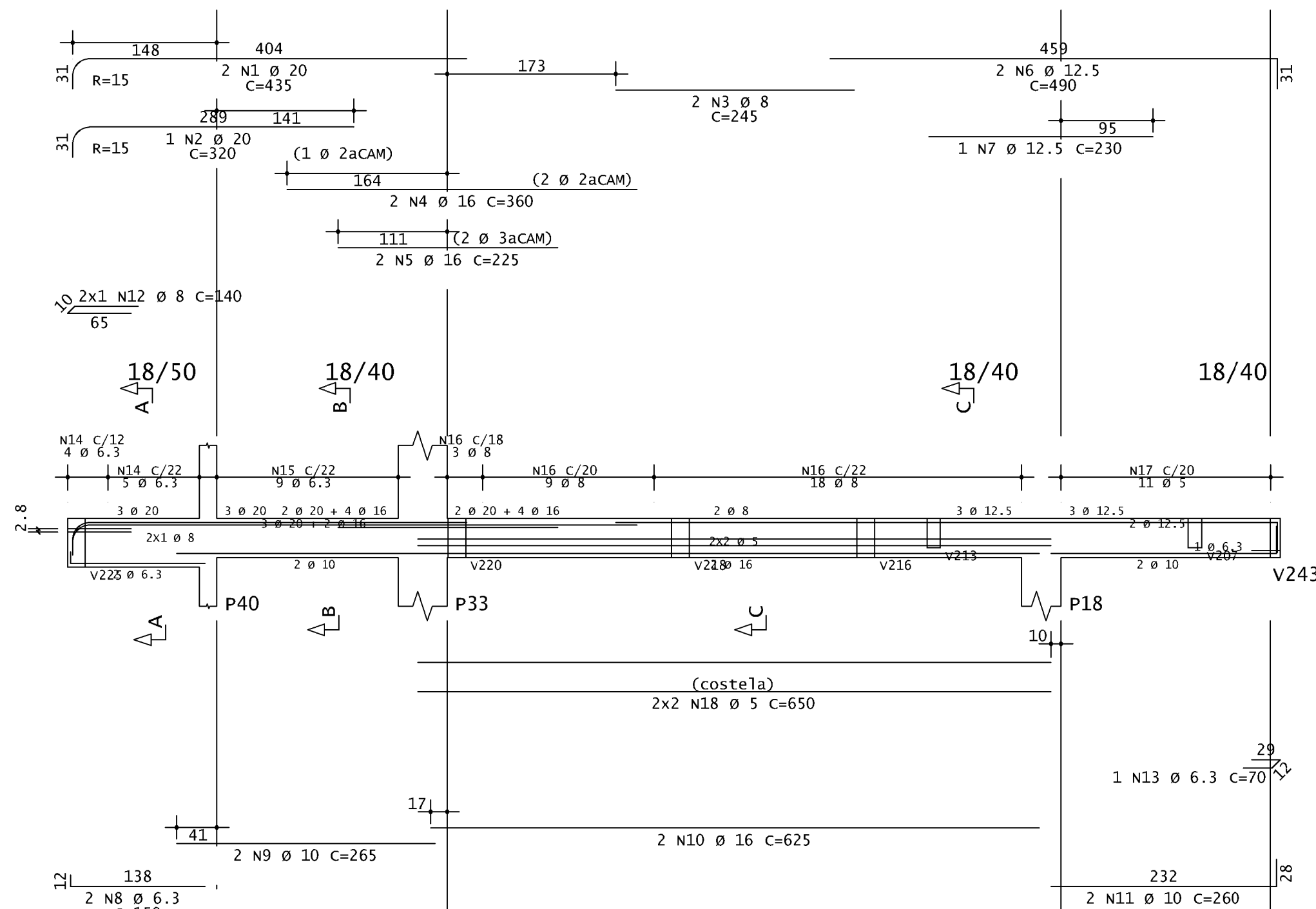
Corte A



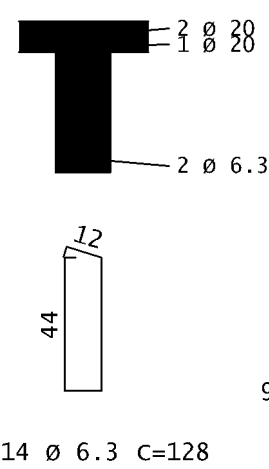
RUA: RUA LUÍS ALVES, 88		BARRIO: CENTRO	
LOTES: 0135	QUADRA: 059	INDICE FTU: 01 1.059/0135.001	
TITULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA: 04/10/2025	

RESPONSÁVEIS	
PROPRIETÁRIO:	CPF / CNPJ:
CÁMARA MUNICIPAL DE MARTINHO CAMPOS	
23.899.370/0001-1	
RESPONSÁVEL TÉCNICO:	CHEIA
<div style="display: flex; justify-content: space-between;"> <div> <p>SÁVIO VINÍCIUS ISRAEL, SAVIOVINISRAEL.DMG@GMAIL.COM ORIENTAENG CONSULTORIA@GMAIL.COM</p> </div> <div> <p>CREA/ENG - 359.969 D (17) 9.8827-0764 (37) 9.8996-7370</p> </div> </div>	

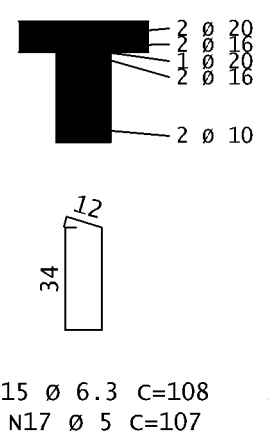
v242



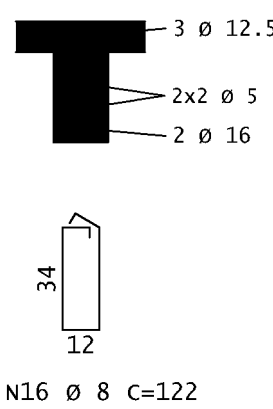
Corte A



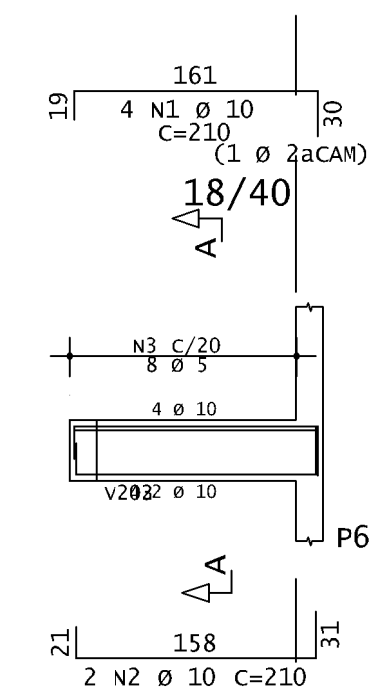
Corte B



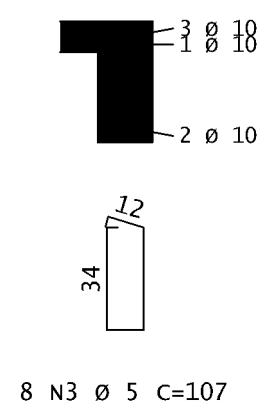
Corte C



v243



Corte A



AÇO	POS	BIT mm	QUANT	COMPRIMENTO	
				UNIT cm	TOTAL cm
V242					
50A	1	20	2	435	870
50A	2	20	1	320	320
50A	3	8	2	245	490
50A	4	16	2	320	640
50A	5	16	2	225	450
50A	6	12,5	2	490	980
50A	7	12,5	1	230	230
50A	8	6,3	2	1050	2100
50A	9	10	2	265	530
50A	10	16	2	625	1250
50A	11	10	2	260	520
50A	12	8	2	140	280
50A	13	6,3	1	70	70
50A	14	6,3	9	128	1152
50A	15	6,3	9	108	972
50A	16	8	30	122	3660
50A	17	5	107	117	12519
60A	18	5	4	650	2600

V243	50A	1	10	4	210	840
	50A	2	10	2	210	420
	60A	3	5	8	107	856

V244					
60A	1	5	2	290	580
50A	2	8	2	260	520
50A	3	10	3	265	795
50A	4	1	1	175	175
50A	5	20	2	410	820
50A	6	20	2	250	500
50A	7	10	2	395	790
50A	8	10	2	165	330
50A	9	10	2	415	830
50A	10	16	2	570	1140
50A	11	16	2	445	890
50A	12	10	2	500	1000
50A	13	5	27	99	2673
50A	14	8	27	110	2970
50A	15	6.3	11	108	1188
50A	16	5	11	519	1038
60A	17	5	2	278	556

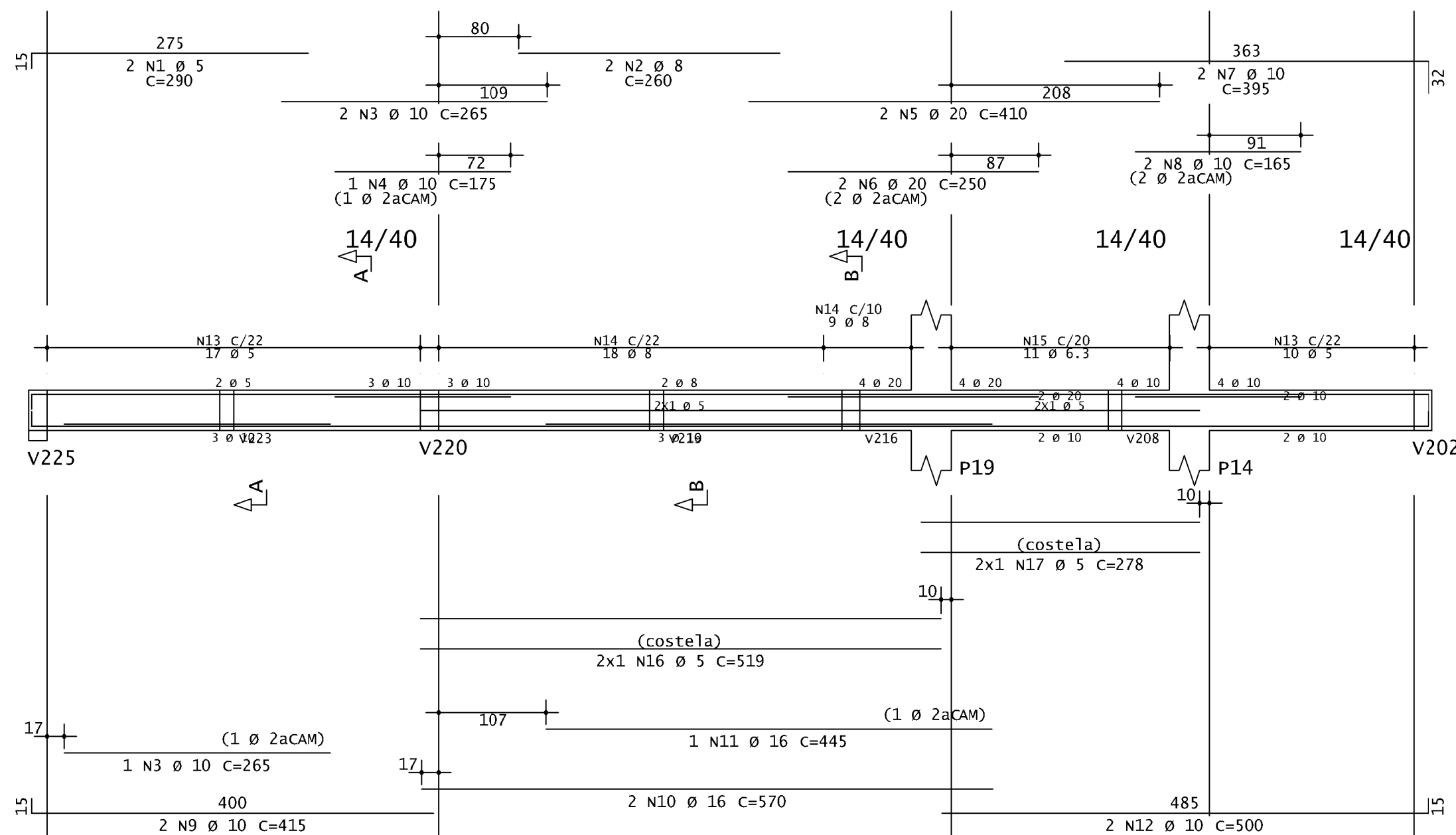
V245	60A	1	5	2	335	670
	50A	2	8	2	135	270
	50A	3	10	2	430	860
	50A	4	10	2	350	700
	50A	5	6.3	2	86	172
	60A	6	5	17	99	1683

V246	60A	1	5	2	210	420
	50A	2	10	3	165	495
	50A	3	10	2	345	690
	50A	4	10	1	230	230
	60A	5	5	20	87	1740

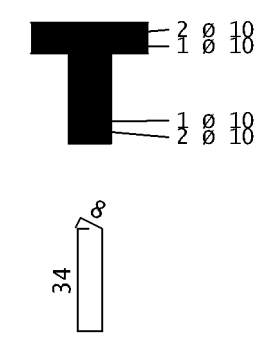
V247	50A	1	10	3	220	660
	50A	2	10	2	500	1000
	50A	3	10	1	190	190
	60A	5	4	2	385	770
	50A	5	16	2	480	960
	50A	6	16	2	230	460
	50A	7	10	2	835	1670
	50A	8	10	1	220	220
	50A	9	10	2	550	1100
	50A	10	10	2	440	880
	60A	11	5	70	107	7490

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	6	223	34
50A	5	39	32
50A	8	82	34
50A	10	149	92
50A	12,5	12	12
50A	16	54	86
50A	20	25	62
Peso Total		60A =	34 kgf
Peso Total		50A =	293 kgf

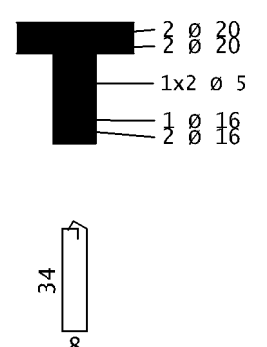
v244



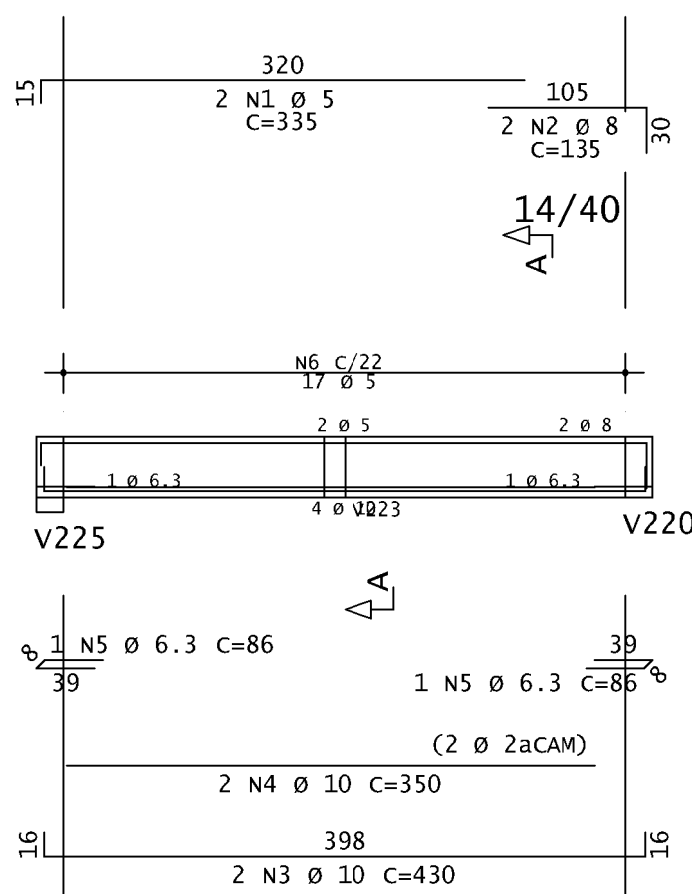
Corte A



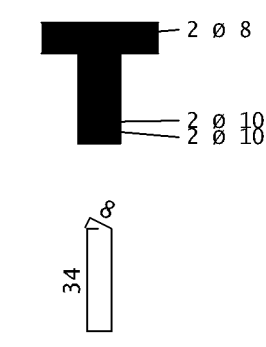
Corte B



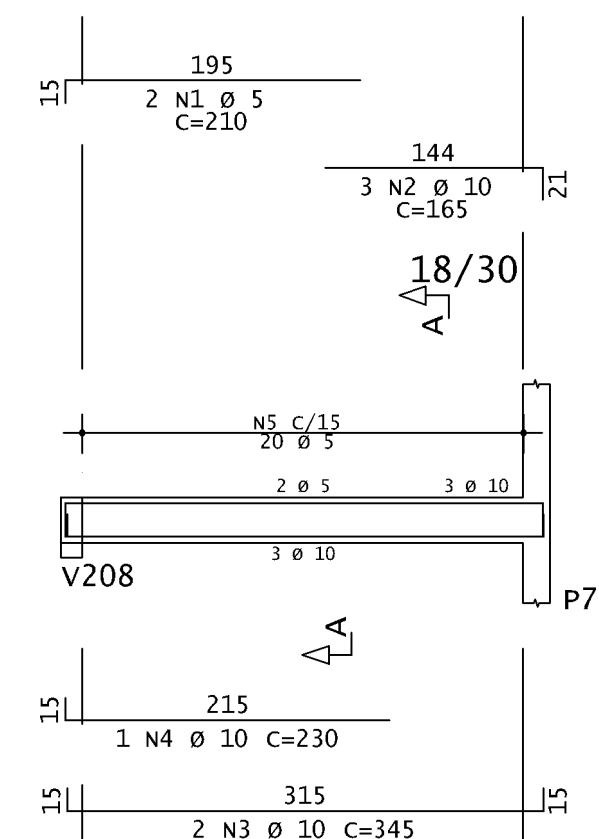
v245



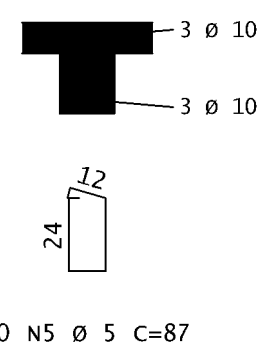
Corte A



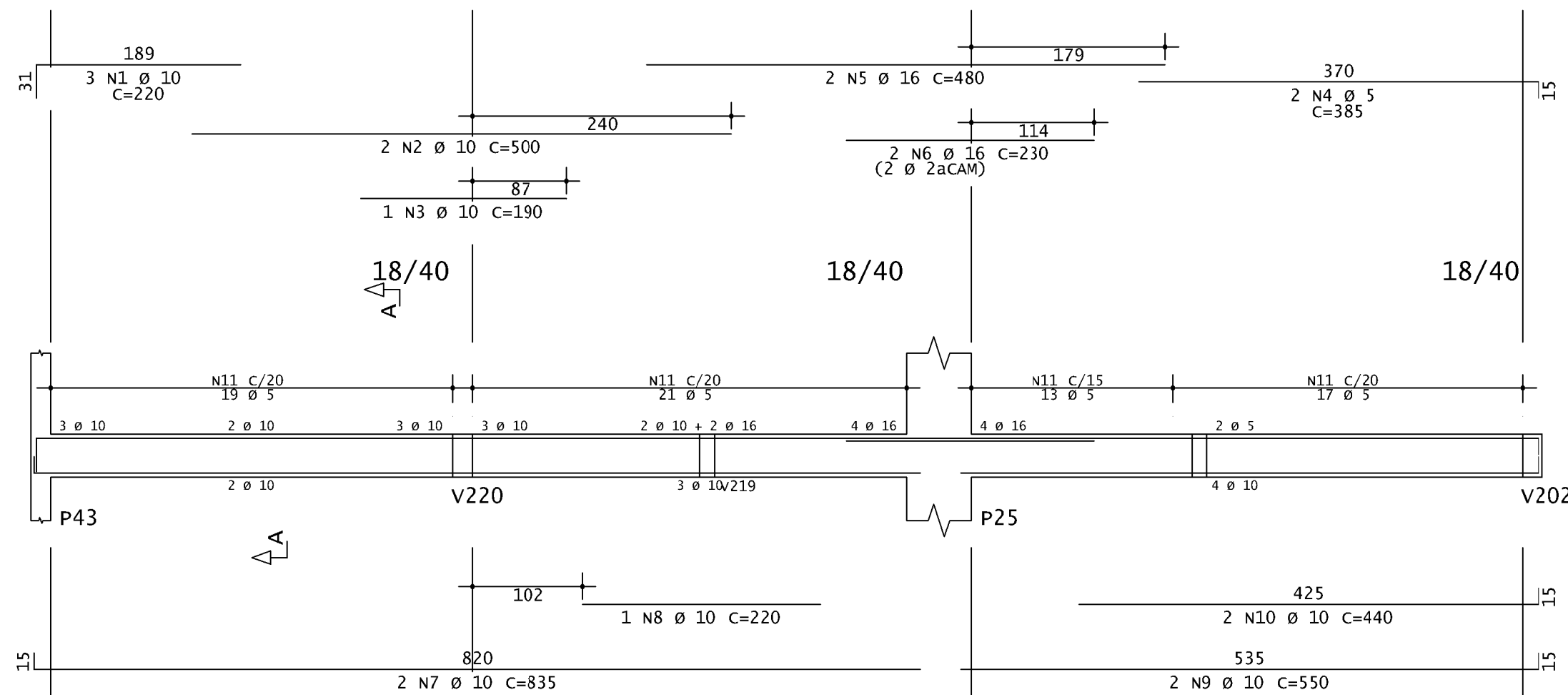
v246



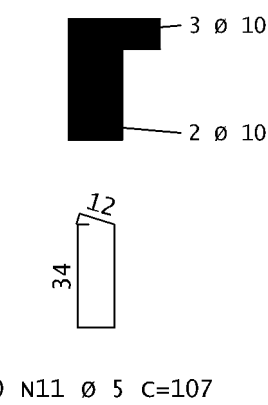
Corte A



v247

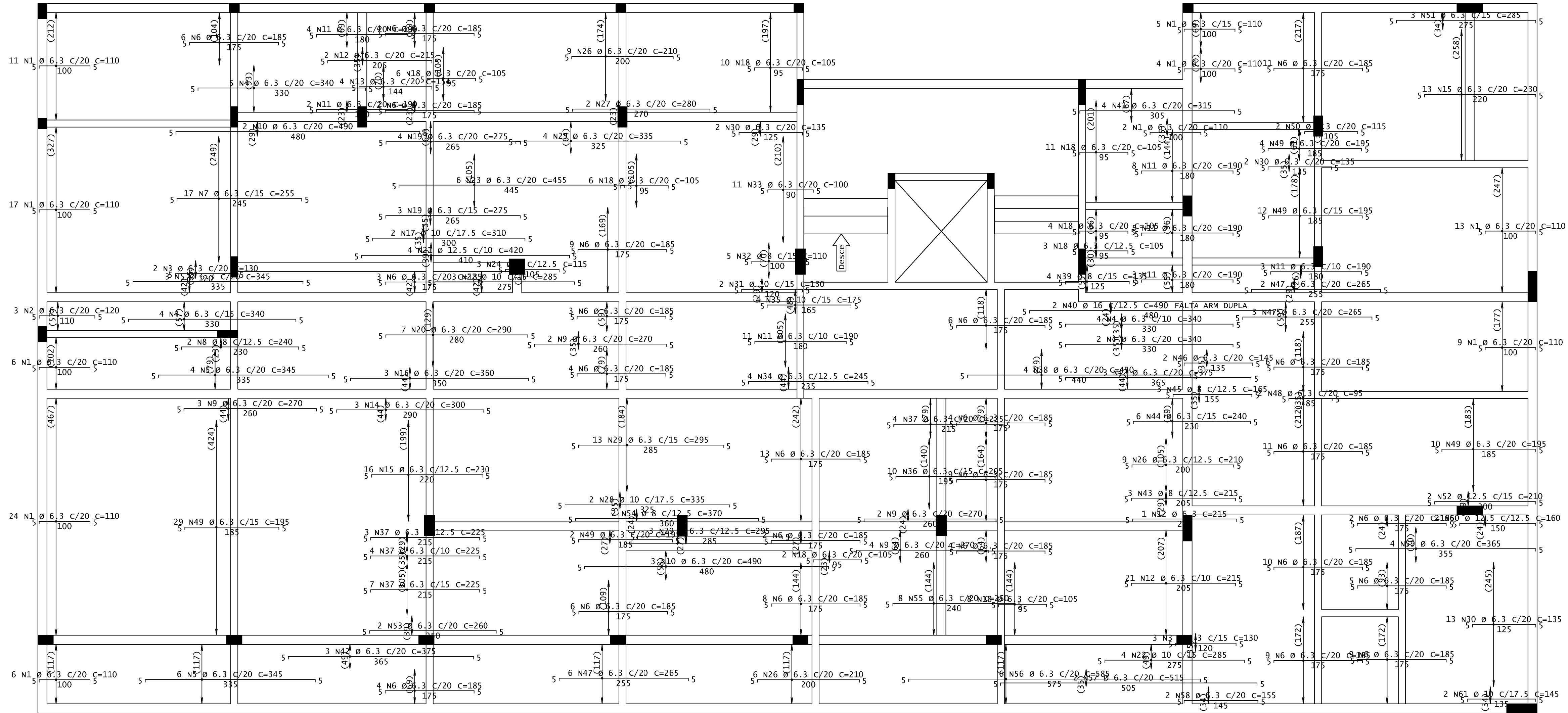


Corte A



Primeiro - Armadura negativa principal

1X



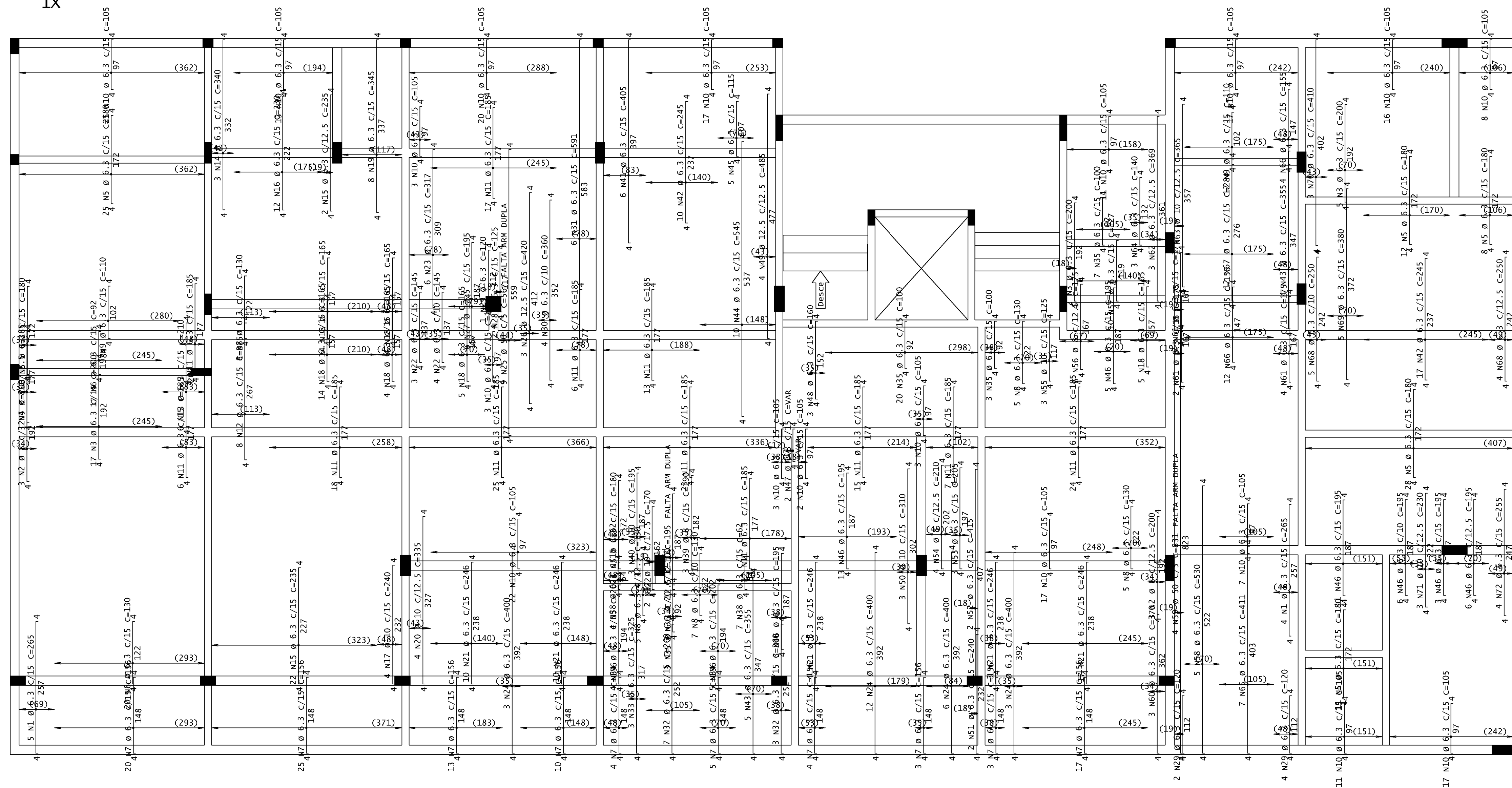
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
Primeiro - Armadura negativa principal					
50A	1	6.3	97	110	10670
50A	2	6.3	3	120	360
50A	3	6.3	3	130	390
50A	4	6.3	15	340	5100
50A	5	6.3	13	345	4485
50A	6	6.3	150	185	27750
50A	7	6.3	17	255	4335
50A	8	6.3	11	240	2640
50A	9	6.3	11	270	2970
50A	10	6.3	5	490	2450
50A	11	6.3	36	190	6840
50A	12	6.3	24	215	5160
50A	13	6.3	3	154	462
50A	14	6.3	3	300	900
50A	15	6.3	29	230	6670
50A	16	6.3	3	360	1080
50A	17	6.3	10	310	3100
50A	18	6.3	50	105	5250
50A	19	6.3	7	275	1925
50A	20	6.3	7	290	2030
50A	21	12.5	4	420	1680
50A	22	10	7	285	1995
50A	23	6.3	6	455	2730
50A	24	8	3	115	345
50A	25	6.3	4	335	1340
50A	26	6.3	24	210	5040
50A	27	6.3	2	280	560
50A	28	10	2	335	670
50A	29	6.3	16	295	4720
50A	30	6.3	17	135	2295
50A	31	10	2	130	260
50A	32	8	5	110	550
50A	33	6.3	11	100	1100
50A	34	6.3	4	245	980
50A	35	10	4	175	700
50A	36	6.3	10	205	2050
50A	37	6.3	18	225	4050
50A	38	6.3	4	450	1800
50A	39	8	4	135	540
50A	40	16	2	490	980
50A	41	6.3	4	315	1260
50A	42	6.3	6	375	2250
50A	43	8	3	215	645
50A	44	6.3	6	240	1440
50A	45	8	3	165	495
50A	46	6.3	2	145	290
50A	47	6.3	11	265	2915
50A	48	6.3	2	95	190
50A	49	6.3	57	195	11115
50A	50	6.3	2	115	230
50A	51	6.3	3	285	855
50A	52	12.5	2	210	420
50A	53	6.3	2	260	520
50A	54	8	2	370	740
50A	55	6.3	8	250	2000
50A	56	6.3	6	585	3510
50A	57	6.3	2	515	1030
50A	58	6.3	2	155	310
50A	59	6.3	4	365	1460
50A	60	12.5	2	160	320
50A	61	10	2	145	290

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
50A	6.3	1453	356
50A	8	38	15
50A	10	45	28
50A	12.5	24	23
50A	16	10	15
Peso Total		50A =	438 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188	QUADRA: 089	ÍNDICE: 0188.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÁMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 296.989-D	
SÁVIO ISRAEL ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTA ENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	
FELIX		FELIX	
ESPONSORES		ESPONSORES	
ESPONSORES		ESPONSORES	

Primeiro - Armadura negativa secundaria

1x



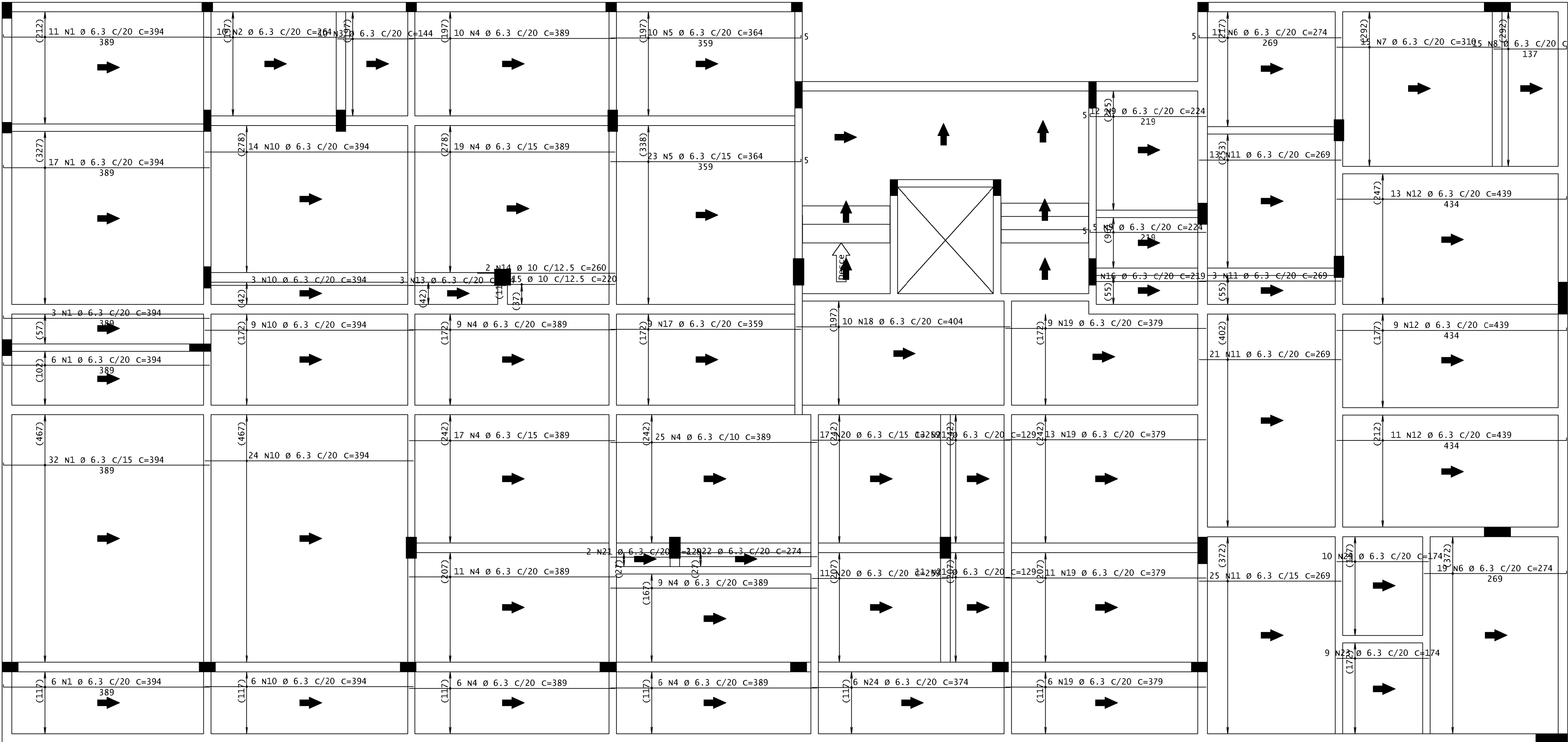
AÇO	POS	BIT	QUANT	COMPRIIMENTO	
				UNIT	TOTAL
		mm		cm	cm
Primeiro – Armadura negativa					
50A	1	6,3	9	265	2385
50A	2	8	6	200	1200
50A	3	6,3	24	200	4800
50A	4	8	3	185	555
50A	5	6,3	91	180	16380
50A	6	6,3	17	92	1564
50A	7	6,3	104	156	16224
50A	8	6,3	50	130	6500
50A	9	6,3	3	110	3410
50A	10	6,3	215	105	22575
50A	11	6,3	170	185	31450
50A	12	6,3	8	275	2200
50A	13	6,3	3	230	690
50A	14	6,3	3	340	1020
50A	15	6,3	24	235	5640
50A	16	6,3	12	230	2760
50A	17	10	2	240	480
50A	18	6,3	46	165	7590
50A	19	10	8	345	2760
50A	20	6,3	4	335	1340
50A	21	6,3	44	246	10824
50A	22	6,3	3	145	1015
50A	23	6,3	6	317	1902
50A	24	6,3	24	400	9600
50A	25	50	9	567	5103
50A	26	12,5	3	420	1260
50A	27	12,5	6	195	1170
50A	28	6,3	2	125	250
50A	29	6,3	7	120	840
50A	30	6,3	4	360	1440
50A	31	6,3	3	591	1773
50A	32	6,3	10	260	2600
50A	33	6,3	3	325	975
50A	34	6,3	9	202	1818
50A	35	6,3	33	100	3300
50A	36	20	3	195	585
50A	37	10	2	170	340
50A	38	6,3	11	62	682
50A	39	8	3	190	570
50A	40	10	1	195	585
50A	41	6,3	6	405	2430
50A	42	6,3	27	245	6615
50A	43	6,3	9	355	3195
50A	44	6,3	10	545	5455
50A	45	6,3	5	115	575
50A	46	6,3	47	195	9165
50A	47	6,3	2	--VAR--	370
50A	48	6,3	3	160	480
50A	49	12,5	5	485	1940
50A	50	50	3	310	930
50A	51	6,3	2	240	480
50A	52	6,3	2	415	830
50A	53	6,3	3	615	1845
50A	54	8	4	210	840
50A	55	10	3	125	375
50A	56	8	6	175	1050
50A	57	6,3	10	127	1270
50A	58	6,3	3	530	1590
50A	59	50	4	831	3324
50A	60	6,3	3	370	1110
50A	61	6,3	8	175	1400
50A	62	6,3	3	369	1107
50A	63	10	2	365	730
50A	64	6,3	3	140	420
50A	65	6,3	7	411	2877
50A	66	6,3	16	155	2480
50A	67	6,3	11	284	3408
50A	68	6,3	9	250	2250
50A	69	6,3	5	280	1950
50A	70	6,3	3	410	1230
50A	71	10	30	690	2070
50A	72	6,3	4	255	1020

RESUMO DE AÇO			
AÇO	BITT mm	COMPR m	PESO kgf
50A	6.3	2206	541
50A	8	42	17
50A	10	60	37
50A	12.5	44	42
50A	20	6	14
Peso Total		50A =	650 kgf

RUA: RUA LUIZ ALVES, 86		BAIRRO: CENTRO	
LOTES: 0185	QUADRA: 059	INDICE PTU: 01.1.059.0185.001	
TITULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEUDO:		DATA: 04/10/2005	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.898.970/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SAULO VINÍCIUS ISRAEL		CREA/ENG - 359.060 D	
SAULOSIRAL@GMAIL.COM		(37) 9.887.9714	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9906-7390	

Primeiro - Armadura positiva principal

1x



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
Primeiro - Armadura positiva principal					
50A	1	6.3	75	394	29550
50A	2	6.3	10	264	2640
50A	3	6.3	10	144	1440
50A	4	6.3	112	389	43568
50A	5	6.3	33	364	12012
50A	6	6.3	30	274	8220
50A	7	6.3	15	310	4650
50A	8	6.3	15	142	2130
50A	9	6.3	17	224	3808
50A	10	6.3	56	394	22064
50A	11	6.3	62	269	16678
50A	12	6.3	33	439	14487
50A	13	6.3	3	184	552
50A	14	10	2	260	520
50A	15	10	4	220	880
50A	16	6.3	3	219	657
50A	17	6.3	9	359	3231
50A	18	6.3	10	404	4040
50A	19	6.3	39	379	14781
50A	20	6.3	28	259	7252
50A	21	6.3	26	129	3354
50A	22	6.3	2	274	548
50A	23	6.3	19	174	3306
50A	24	6.3	6	374	2244

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
50A	6.3	2012	493
50A	10	14	9
Peso Total		50A =	502 kgf

RUA: RUA LUÍZ ALVES, 88

LOTES: 0105

TÍTULO: PROJETO ESTRUTURAL

CONTEÚDO:

QUADRA: 059

USO: INSTITUCIONAL

DATA: 04/10/2025

PROJETO

BARRIO: CENTRO

ÍNDICE PTU: 01.1.059.0135.001

PROPRIETÁRIO:

CÂMARA MUNICIPAL DE MARTINHO CAMPOS

RESPONSÁVEL TÉCNICO:

SÁVIO VINÍCIUS ISRAEL
SAVIOISRAEL.ENG@GMAIL.COM
ORIENTAENG CONSULTORIA@GMAIL.COM

CPF / CNPJ:
23.886.370/0001-12
CREA:

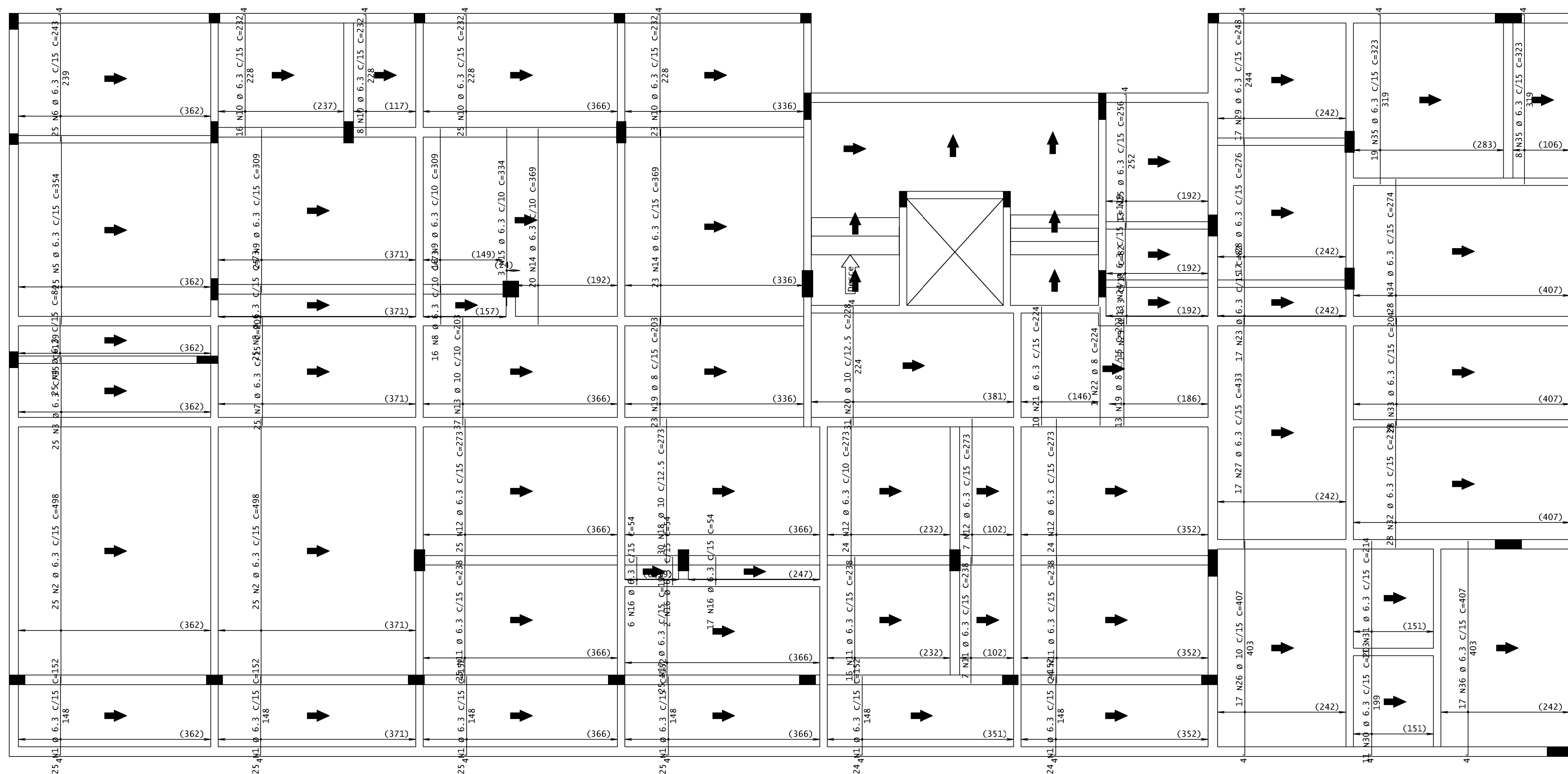
CREA/ING - 399.989-D
(37) 9.8827-9134
(37) 9.9996-7310

FECHA:
EST. PROJETO CAMPA

FORMATO A1 - 1:1

Primeiro - Armadura positiva secundaria

1x



AÇO	POS	BIT	QUANT	COMPRIMENTO		
				UNIT	TOTAL	
		mm		cm	cm	
Primeiro - Armadura positiva						
50A	1	6,3	148	152	22496	
50A	2	6,3	50	498	24900	
50A	3	6,3	25	129	3225	
50A	4	6,3	25	84	2100	
50A	5	6,3	25	354	8850	
50A	6	6,3	25	243	6075	
50A	7	6,3	25	203	5075	
50A	8	6,3	41	73	2893	
50A	9	6,3	91	309	12669	
50A	10	6,3	72	232	16704	
50A	11	6,3	72	238	17136	
50A	12	6,3	80	273	21840	
50A	13	7	10	203	7511	
50A	14	6,3	43	689	15867	
50A	15	6,3	3	334	1002	
50A	16	6,3	25	54	1350	
50A	17	6,3	25	194	4850	
50A	18	10	30	273	8190	
50A	19	18	36	203	7308	
50A	20	10	31	228	7068	
50A	21	6,3	10	224	2240	
50A	22	8	12	224	224	
50A	23	6,3	30	1	82	2460
50A	24	6,3	13	119	1547	
50A	25	6,3	13	256	3328	
50A	26	6,3	10	407	6919	
50A	27	6,3	17	333	7361	
50A	28	6,3	17	276	4692	
50A	29	6,3	17	248	4213	
50A	30	6,3	11	203	2236	
50A	31	6,3	11	214	2354	
50A	32	6,3	28	239	6692	
50A	33	6,3	28	204	5712	
50A	34	6,3	28	274	6912	
50A	35	6,3	27	223	8721	
50A	36	6,3	17	407	7679	

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6.3	2333	572
50A	8	75	30
50A	10	297	183
Peso Total	50A =		784 kgf

RUA. RUA LUÍZ ALVES, 88		BAIRRO: CENTRO	
LOTES: 0135	QUADRA: 059	ENDREÇO: PTU 011 059 0135/001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO: _____		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.896.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 359.969 D	
SAVIOENR@GMAIL.COM		(37) 9.8827-9134	
ORIENTADOR: CONSUELO DA SILVA L. COM		(37) 9.9996-7370	

TIPO/NOME ARQUIVO: PROJETO CÂMARA

The drawing shows a rectangular reinforced concrete slab with the following details:

- Top View:**
 - Overall dimensions: 204 (width) x 237 (length).
 - Reinforcement: 3 N1 Ø 10 (top), 2 N2 Ø 10 (bottom).
 - Distances: C=235 (top edge), C=825 (bottom edge).
 - Section lines: A-A (width), B-B (length).
- Bottom View:**
 - Overall dimensions: 204 (width) x 770 (length).
 - Reinforcement: 2 N5 Ø 10 (bottom).
 - Distances: C=785 (bottom edge).
 - Section lines: A-A (width), B-B (length).
- Side View (Elevation):**
 - Overall height: 180 (18/40).
 - Reinforcement: 2 N3 Ø 10 (top), 2 N4 Ø 6.3 (bottom).
 - Distances: C=450 (top edge), C=195 (bottom edge).
 - Section lines: A-A (width), B-B (length).
- Detail View (Cross-section):**
 - Overall height: 180 (18/40).
 - Reinforcement: 2 N6 Ø 10 (top), 2 N7 C/20 (bottom).
 - Distances: C=750 (top edge), C=20 (bottom edge).
 - Section lines: A-A (width), B-B (length).

72 N7 Ø 5 C=107

Technical drawing of a reinforced concrete slab (P6) showing dimensions and reinforcement details.

Plan View Dimensions:

- Overall width: 120
- Overall length: 375
- Top reinforcement bar spacing: 15, 35, 82, 26, 66, 15
- Bottom reinforcement bar spacing: 20

Reinforcement Details:

- Top bars: 2 N2 Ø 10 C=155, 2 N1 Ø 5 C=240, 2 N3 Ø 12.5 C=400, 2 N4 Ø 12.5 C=280 (1 Ø 2aCAM), 3 Ø 10, 2 Ø 5, 4 Ø 12.5, 4 Ø 12.5, 2 Ø 10, 1 N6 Ø 10 C=305, 2 N5 Ø 10 C=725
- Bottom bars: N7 C/20 26 Ø 5, N8 C/22 4 Ø 6.3, N8 C/18 2 Ø 6.3

Section View Details:

- Section A-A: Shows the slab thickness and the arrangement of reinforcement bars.
- Section B-B: Shows the slab thickness and the arrangement of reinforcement bars.

6 N8 Ø 6.3 C=108

AÇO	POS	BIT mm	QUANT	COMPRIMENTO	
				UNIT cm	TOTAL cm
V301					
50A	1	10	3	235	705
50A	2	10	2	825	1650
50A	3	10	2	450	900
50A	4	6,3	2	195	390
50A	5	10	2	785	1570
50A	6	10	2	750	1500
60A	7	5	72	107	7704

v302	60A	1	5	2	240	480
	50A	2	10	3	155	465
	50A	3	12.5	2	400	800
	50A	4	12.5	2	280	560
	50A	5	10	2	725	1450
	50A	6	10	1	305	305
	60A	7	5	26	107	2782
	50A	8	6.3	6	108	648

V303	50A	8	12.5	2	680	1360
	50A	2	12.5	1	275	275
	50A	3	10	4	395	1580
	50A	4	25	4	600	2400
	50A	5	25	11	270	2970
	50A	6	10	3	205	615
	50A	7	10	2	1070	2140
	50A	8	10	2	235	470
	50A	9	10	2	1030	2060
	50A	10	10	1	215	215
	50A	11	10	2	250	500
	60A	12	5	57	167	9519
	60A	13	50	15	293	4395
	60A	14	5	17	179	3043
	50A	15	8	6	413	2478
	50A	16	8	8	419	2514
	50A	17	8	6	406	2436
	50A	18	8	6	378	2268

v304	60A	1	5	2	295	590
	50A	2	8	3	200	600
	50A	3	8	3	155	465
	50A	4	8	2	600	1200
	60A	5	5	37	87	3219

v305	60A	1	5	2	365	730
	50A	2	10	4	165	660
	50A	3	10	2	590	1180
	50A	4	10	1	390	390
	50A	5	6.3	2	80	160
	60A	6	5	28	127	3556

v306	50A	1	10	2	175	350
	60A	2	5	2	260	520
	50A	3	16	2	615	1230
	50A	4	10	2	255	510
	50A	6	10	2	190	380
	50A	6	10	4	2920	
	50A	7	6	2	80	160
	60A	8	5	10	127	1270
	60A	9	5	41	139	5699
	60A	10	5	4	695	2780

V307	60A	1	5	2	230	460
	50A	2	10	3	150	450
	50A	3	6.3	2	110	220
	50A	4	10	2	415	830
	50A	5	10	1	285	285
	50A	6	6.3	1	76	76
	60A	7	5	17	99	1683

Technical drawing of a building facade showing structural elements, dimensions, and material specifications. The drawing includes a plan view at the top and a section view at the bottom.

Plan View (Top):

- Dimensions:** 640, 201, 304, 131, 126, 160, 18/70, 18/70, 18/70.
- Structural Elements:**
 - 1 N1 Ø 12.5 C=680
 - 2 N1 Ø 12.5 C=680
 - 4 N3 Ø 10 (1 Ø 2aCAM) C=395
 - 4 N4 Ø 25 (2 Ø 2aCAM) C=600
 - 11 N5 Ø 25 C=270 (2 Ø 3aCAM, 2 Ø 4aCAM, 2 Ø 5aCAM, 2 Ø 6aCAM, 2 Ø 7aCAM)
 - 3 N6 Ø 10 C=205 (2 Ø 2aCAM)

Section View (Bottom):

- Dimensions:** 10, 9, 100, 235, 1015, 1055.
- Structural Elements:**
 - (costela) 401 2x3 N15 Ø 8 C=413
 - (costela) 394 2x3 N17 Ø 8 C=406
 - (costela) 354 2x3 N18 Ø 8 C=378
 - 2 N8 Ø 10 C=235
 - 2 N7 Ø 10 C=1070
 - 2 N9 Ø 10 C=1030
 - 1 N10 Ø 10 C=215
 - 2 N11 Ø 10 C=250

37 N5 Ø 5 C=87

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	440	68
50A	6,3	17	4
50A	8	120	47
50A	10	241	149
50A	12,5	30	29
50A	16	12	19
50A	25	54	207
Peso Total	60A =		68 kgf
Peso Total	50A =		455 kgf

28 N6 ø 5 C=127

Technical drawing of a structural section showing reinforcement details. The drawing includes a top view and a side view.

Top View:

- Overall width: 134
- Overall height: 41
- Reinforcement bars: 2 N1 Ø 10 C=175, 2 N2 Ø 5 C=260, 2 N3 Ø 16 C=615, 2 N4 Ø 10 C=255, 2 N5 Ø 10 C=190, 2 N6 Ø 10 C=730, 2 N7 Ø 6.3 C=80, 2 N8 C/20 10 Ø 5, 2 N9 C/20 6 Ø 5, 2 N9 C/15 8 Ø 5, 2 N9 C/20 20 Ø 5, 2 Ø 10, 2 Ø 16, 2 Ø 5, 2x1 Ø 6.3, 2x2 Ø 5, 4 Ø 10, 4 Ø 16, 7 Ø 5.
- Dimensions: 159, 18/50, 18/50, 134, 41, 40, 240, 715, 245.
- Labels: A, B, P9, V348, V347, V349, V351, V353, V355, V356.

Side View:

- Overall width: 159
- Overall height: 41
- Reinforcement bars: 2 N1 Ø 10 C=175, 2 N2 Ø 5 C=260, 2 N3 Ø 16 C=615, 2 N4 Ø 10 C=255, 2 N5 Ø 10 C=190, 2 N6 Ø 10 C=730, 2 N7 Ø 6.3 C=80, 2 N8 C/20 10 Ø 5, 2 N9 C/20 6 Ø 5, 2 N9 C/15 8 Ø 5, 2 N9 C/20 20 Ø 5, 2 Ø 10, 2 Ø 16, 2 Ø 5, 2x1 Ø 6.3, 2x2 Ø 5, 4 Ø 10, 4 Ø 16, 7 Ø 5.
- Dimensions: 159, 18/50, 18/50, 134, 41, 40, 240, 715, 245.
- Labels: A, B, P9, V348, V347, V349, V351, V353, V355, V356.

Detail:

- Dimensions: 18/50, 18/50
- Labels: A, B


10 N8 Ø 5 C=127

[illegible]

2 Ø 6.3
1 Ø 18
34
17 N7 Ø 5 C=99

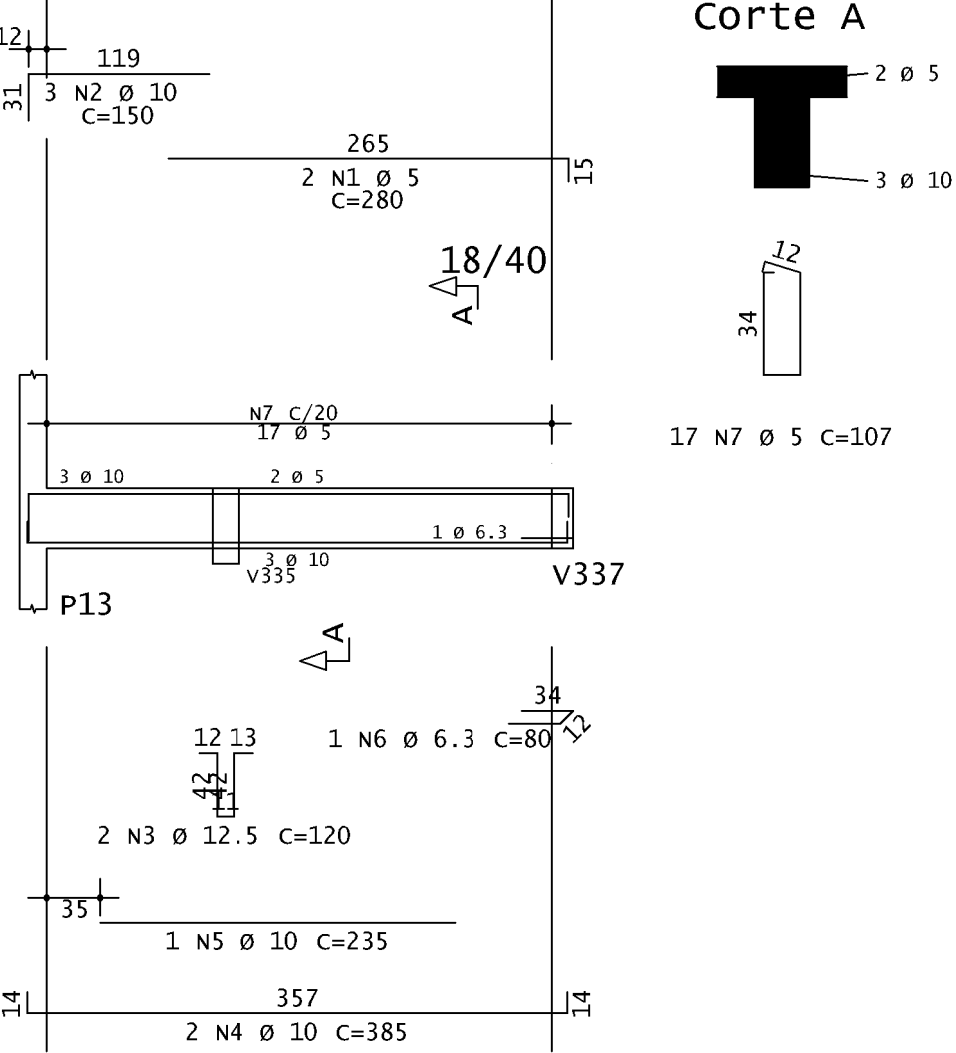
RUA: RUA LUIZ ALVES, 86		BAIRRO: CENTRO	
LOTES: 0185	QUADRA: 059	INDICE PTU: 01.1.059/0185.001	
TITULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEUDO:			DATA: 04/10/2025

RESPONSÁVEIS	
PROPRIETÁRIO:	CPF: CNPJ:
CÂMARA MUNICIPAL DE MARTINHO DAMPOS	
22.896.370/0007-12	
RESPONSÁVEL TÉCNICO:	CREA:
SÁVIO VINÍCIUS ISRAEL	
CREAMG - 399.060 D	
SAVIOISRAEL.ENG@GMAIL.COM	
(37) 9 8677-9154	
ORIENTAENG CONSULTORIA@GMAIL.COM	
(37) 9 9096-7310	

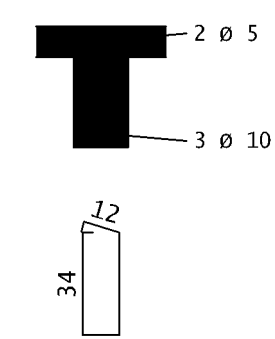
	PROJETO
	PROJETO CÂMARA

PROJETO ARQUIVO	EST
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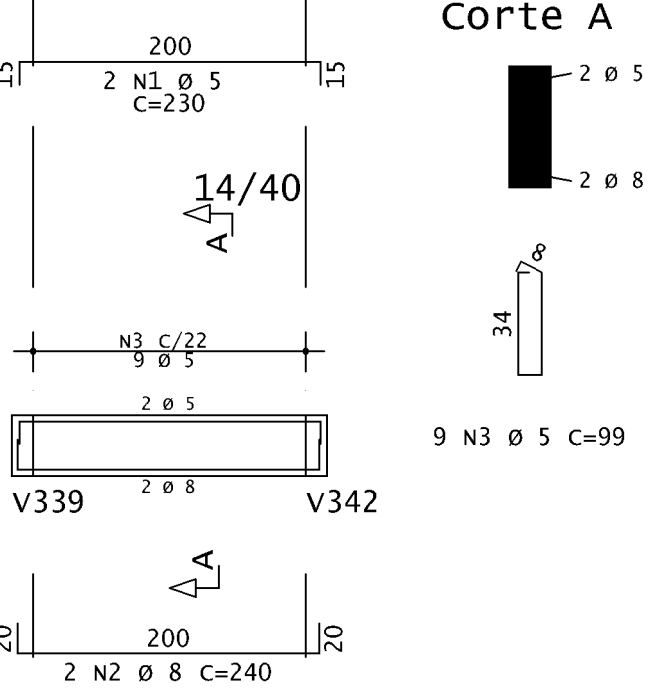
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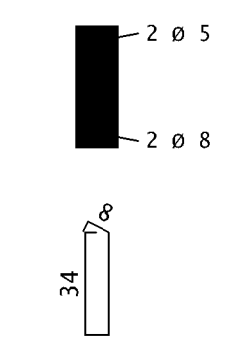
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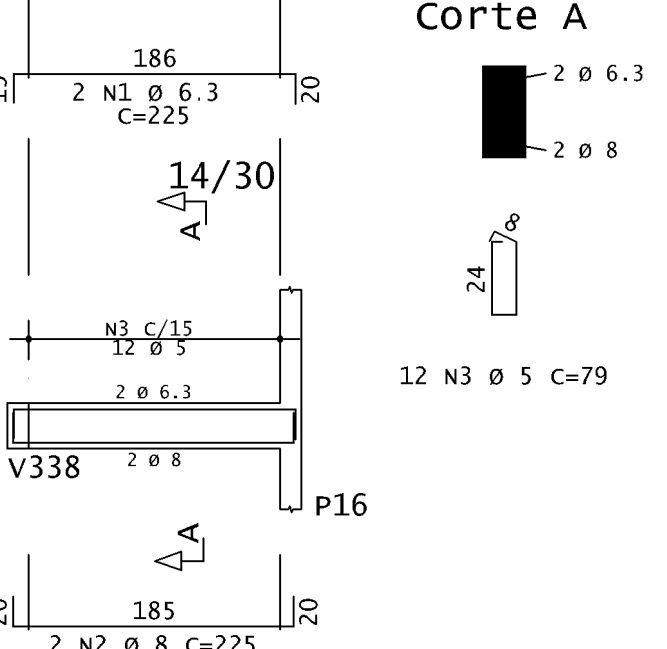
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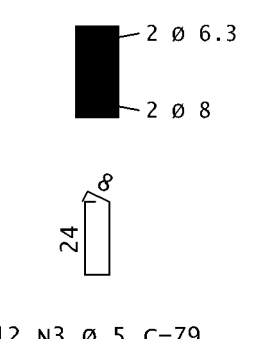
Corte A



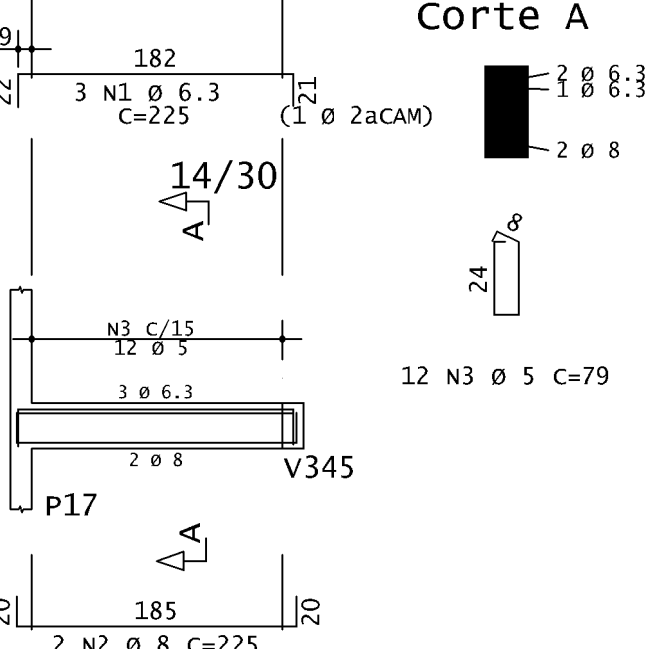
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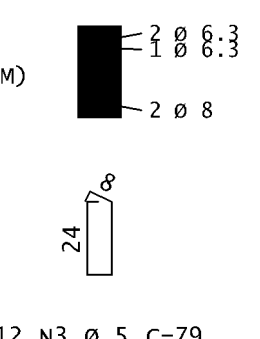
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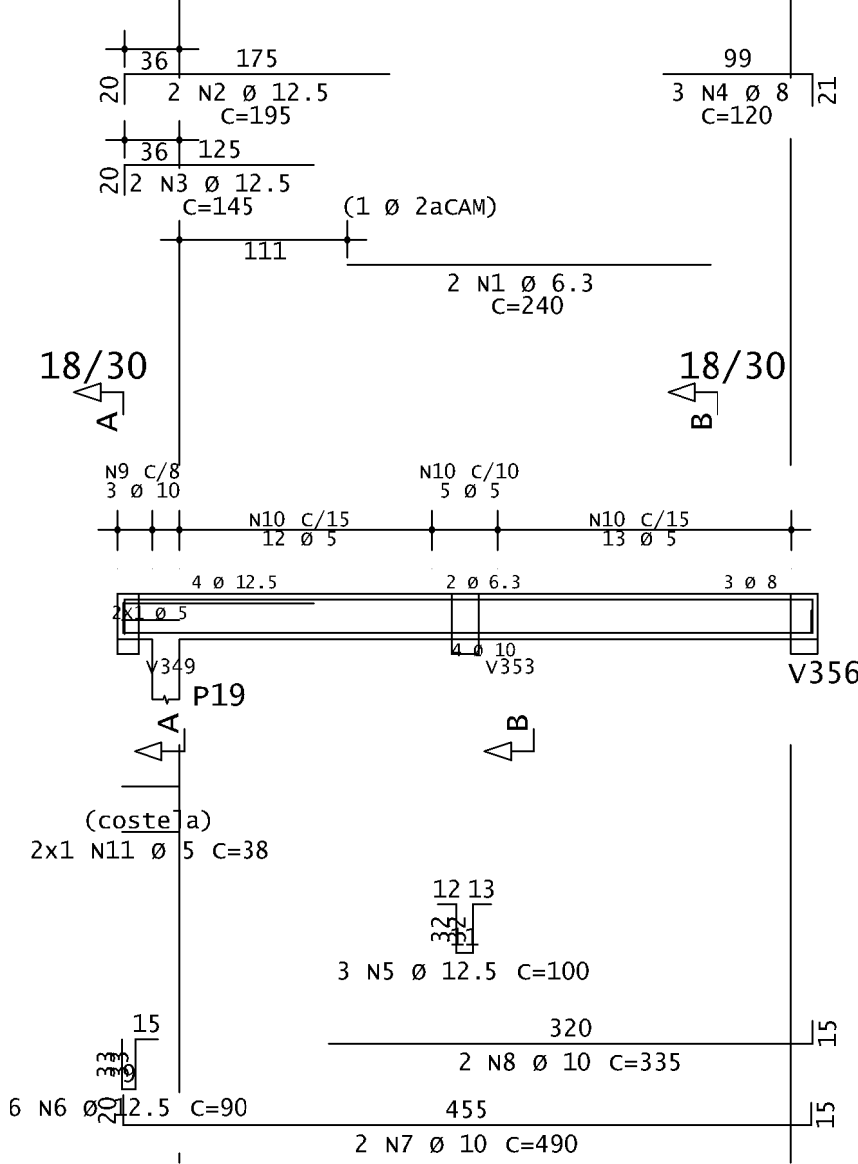
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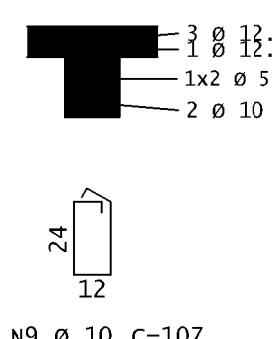
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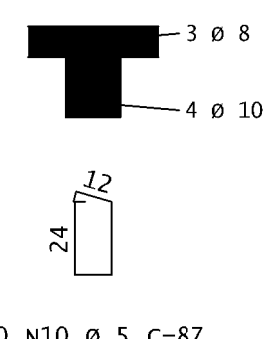
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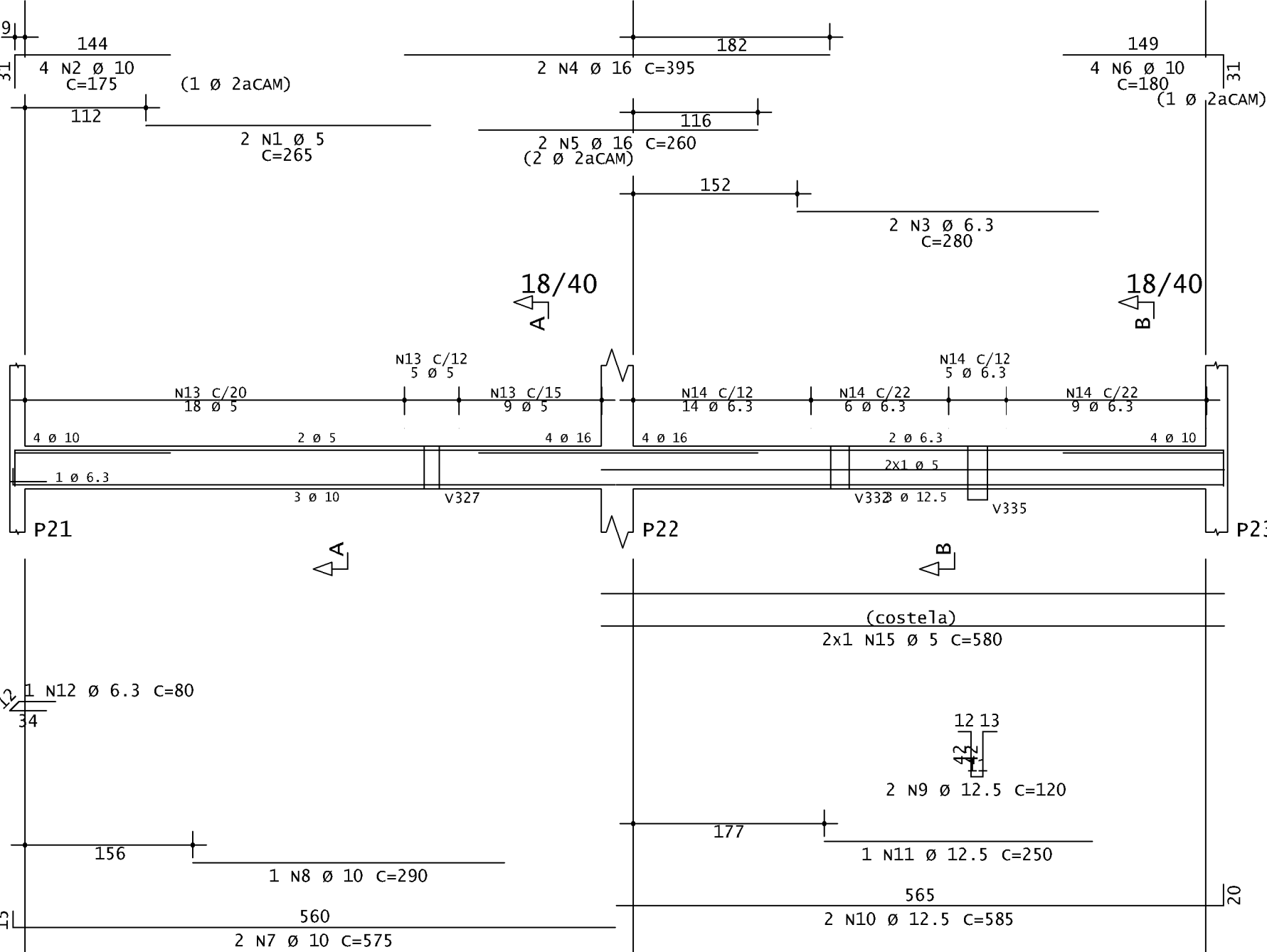
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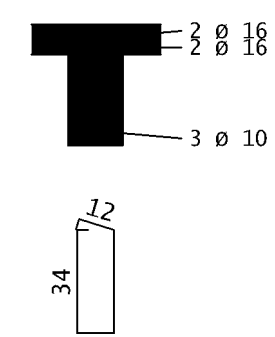
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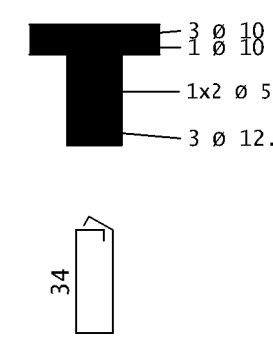
v313



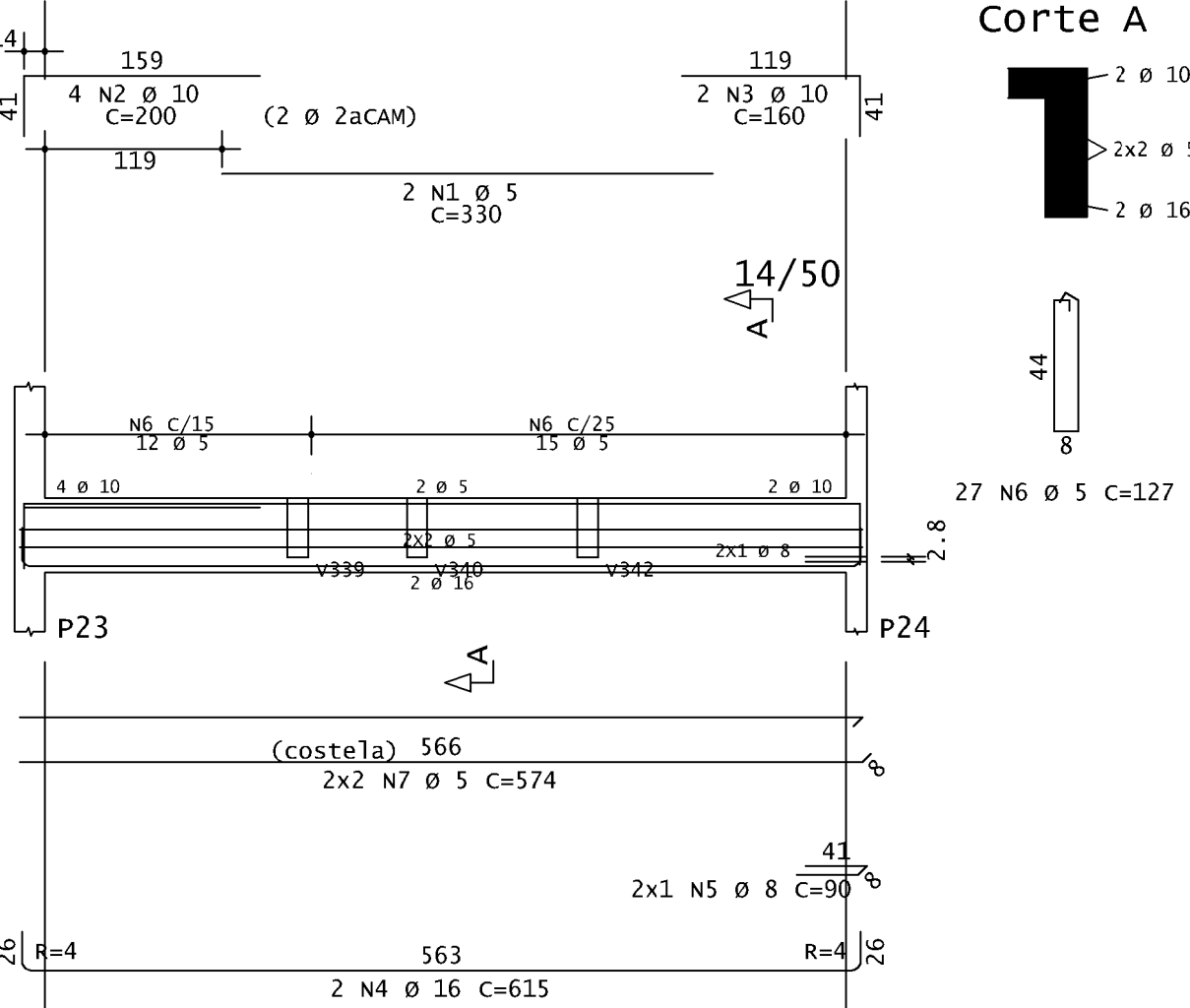
Corte A



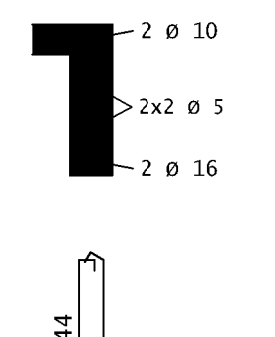
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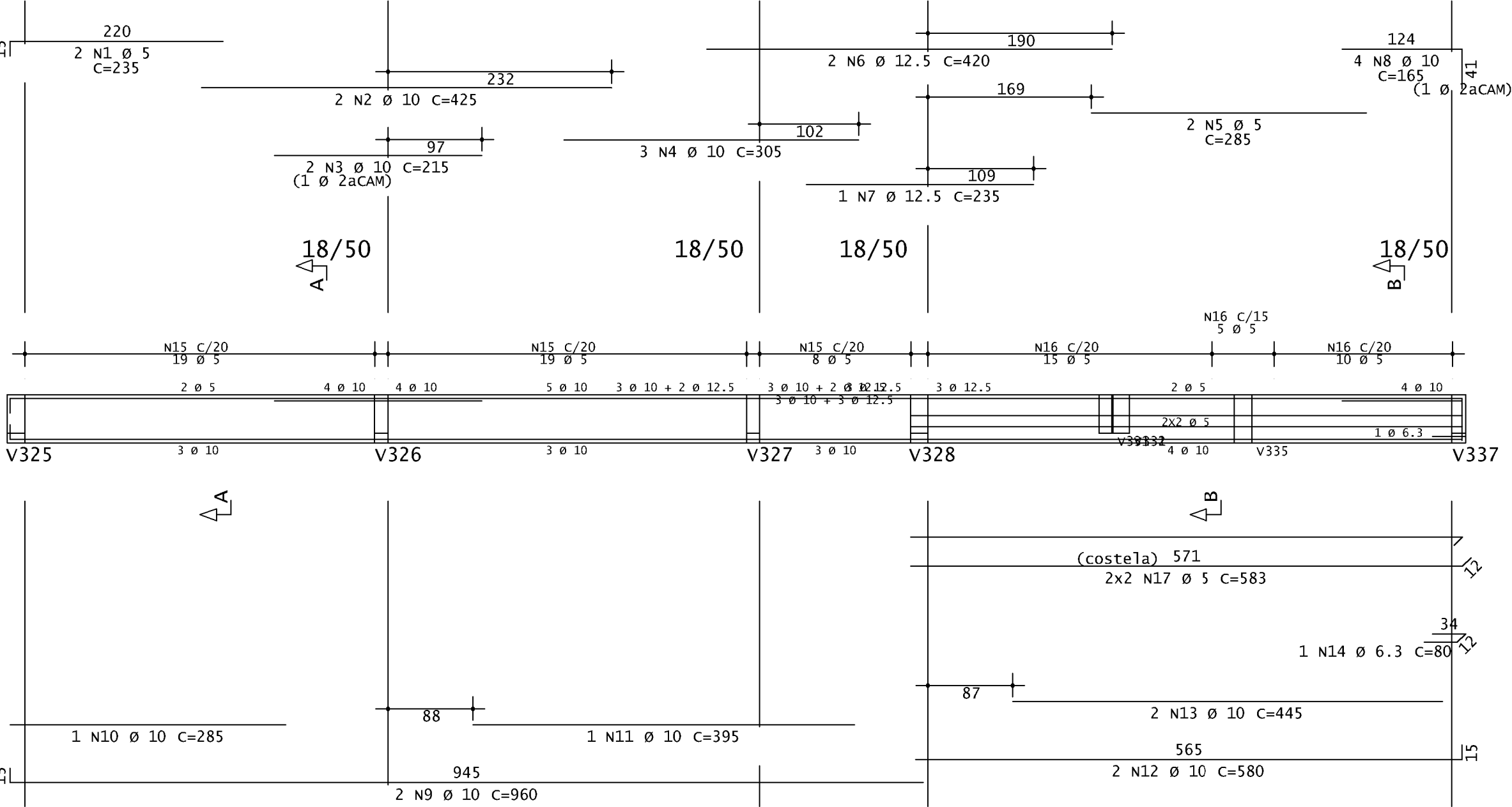
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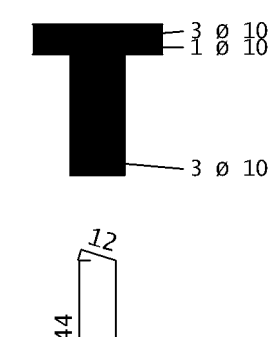
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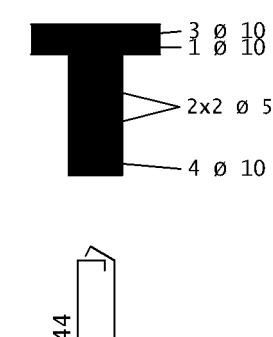
v315



Corte A



Corte B

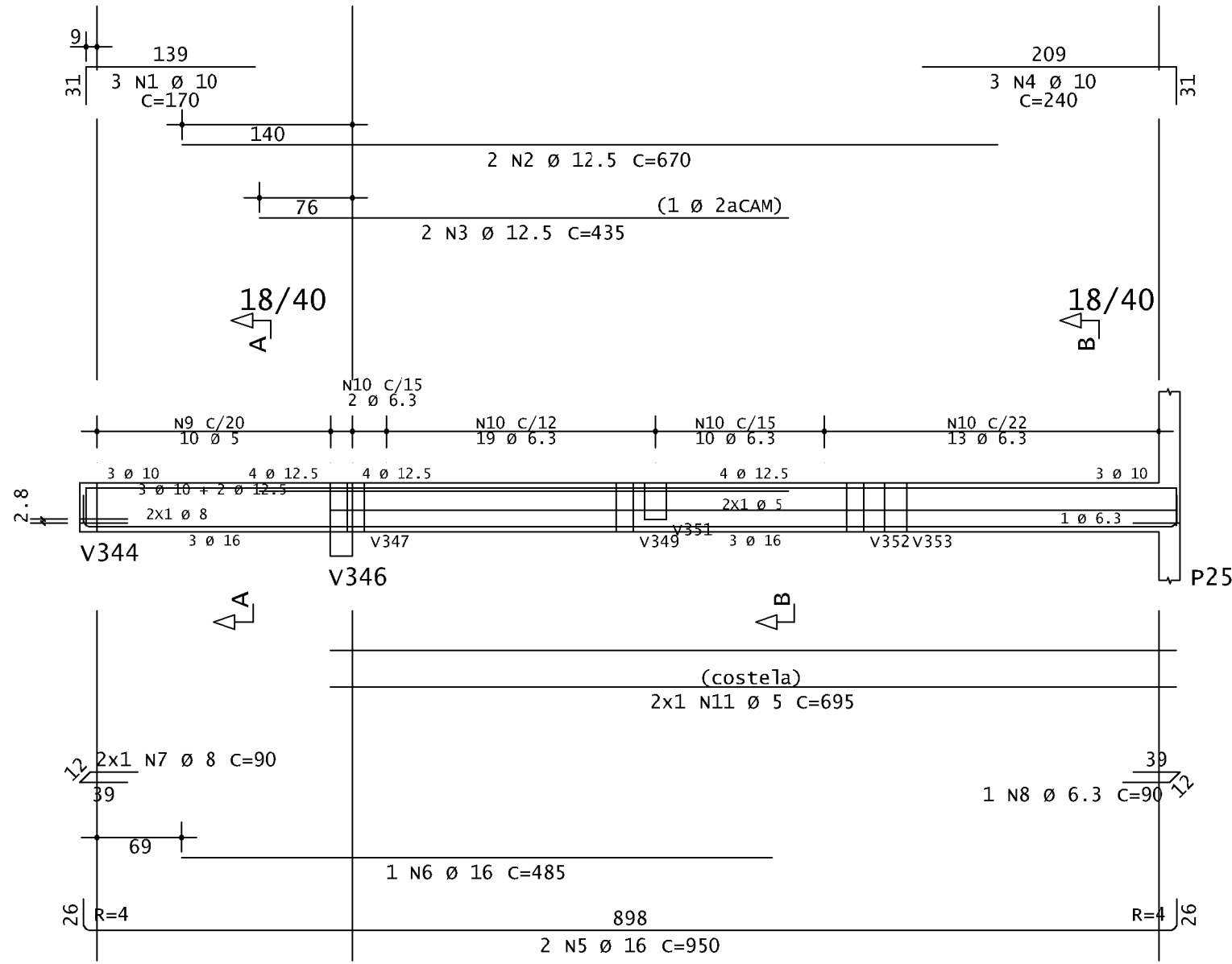


AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
v308					
60A	1	5	2	280	560
50A	2	10	3	150	450
50A	3	12.5	2	120	240
50A	4	10	2	385	770
50A	5	10	1	235	235
50A	6	6.3	1	80	80
60A	7	5	17	107	1819
v309					
60A	1	5	2	230	460
50A	2	5	2	240	480
60A	3	8	9	99	891
v310					
50A	1	6.3	2	225	450
50A	2	8	2	225	450
60A	3	5	12	79	948
v311					
50A	1	6.3	3	225	675
50A	2	8	2	225	450
60A	3	5	12	79	948
v312					
50A	1	6.3	2	240	480
50A	2	12.5	2	195	390
50A	3	12.5	2	145	290
50A	4	8	3	120	360
50A	5	12.5	3	100	300
50A	6	12.5	6	90	540
50A	7	10	2	490	980
50A	8	10	2	335	670
50A	9	10	3	107	321
60A	10	5	37	87	2610
60A	11	5	2	38	76
v313					
60A	1	5	2	265	530
50A	2	10	4	175	700
50A	3	6.3	2	280	560
50A	4	16	2	395	790
50A	5	16	2	260	520
50A	6	10	4	180	720
50A	7	10	2	575	1150
50A	8	10	1	290	290
50A	9	12.5	2	120	240
50A	10	12.5	2	585	1170
50A	11	12.5	1	250	250
50A	12	6.3	1	80	80
60A	13	5	32	107	3424
60A	14	6.3	34	120	4080
60A	15	5	2	580	1160
v314					
60A	1	5	2	330	660
50A	2	10	2	200	400
50A	3	10	2	160	320
50A	4	16	2	615	1230
50A	5	8	2	90	180
60A	6	5	27	127	3429
60A	7	5	4	574	2296
v315					
60A	1	5	2	235	470
50A	2	10	2	425	850
50A	3	10	2	215	430
50A	4	10	3	305	915
60A	5	5	2	285	570
50A	6	12.5	2	420	840
50A	7	12.5	1	235	235
50A	8	10	4	165	660
50A	9	10	2	960	1920
50A	10	10	1	285	285
50A	11	10	1	395	395
50A	12	10	2	580	1160
50A	13	10	2	445	890
50A	14	6.3	1	80	80
60A	15	5	46	127	5842
60A	16	5	30	139	4170
60A	17	5	4	583	2332

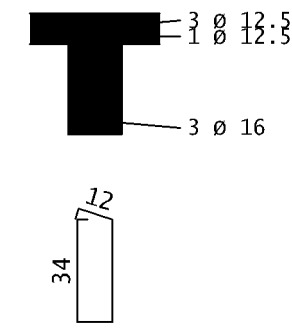
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	332	51
50A	6.3	65	16
50A	8	19	8
50A	10	149	92
50A	12.5	45	43
50A	16	25	40
Peso Total		60A =	51 kgf
Peso Total		50A =	199 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO		
LOTES: 0188	QUADRA: 089	ÍNDICE PIV: 01.1.059.0188.001	
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL		
CONTEÚDO:		DATA:	04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:	CPF / CNPJ:		
CÁMARA MUNICIPAL DE MARTINHO CAMPOS	23.886.370/0001-12		
RESPONSÁVEL TÉCNICO:	CREA:		
SÁVIO VINÍCIUS ISRAEL	CREA/ING - 399.989-D		
SÁVIOISRAEL.ENG@GMAIL.COM	(37) 9.8827-9134		
ORIENTAENG CONSULTORIA@GMAIL.COM	(37) 9.9996-7310		

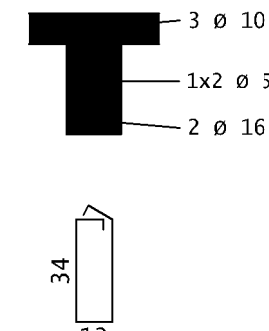
v316



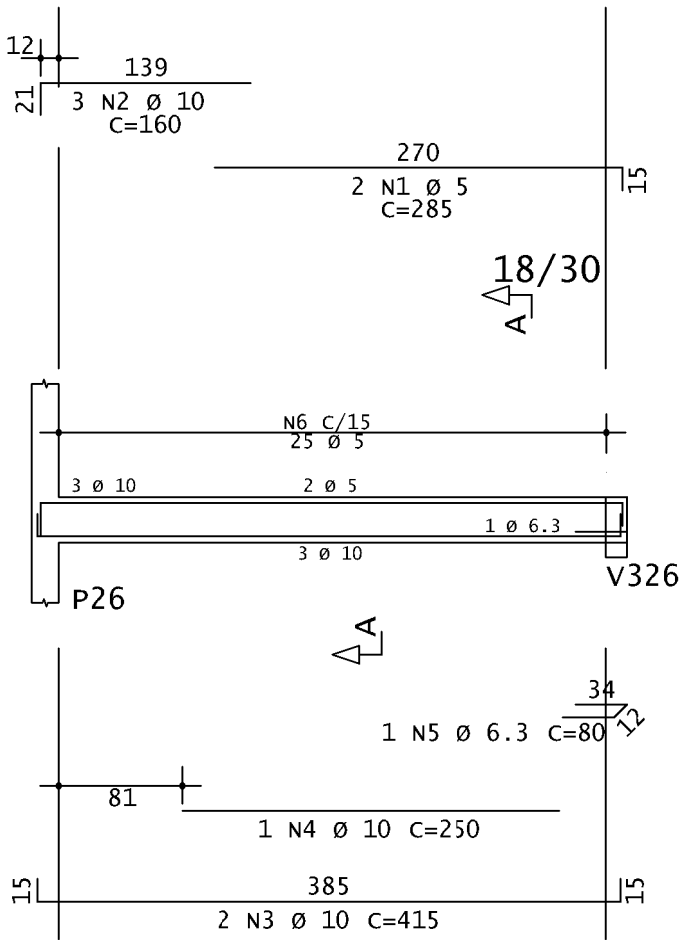
Corte A



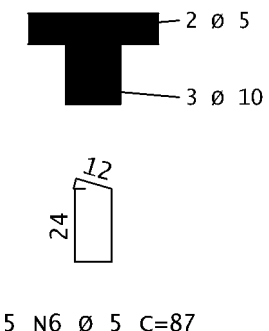
Corte B



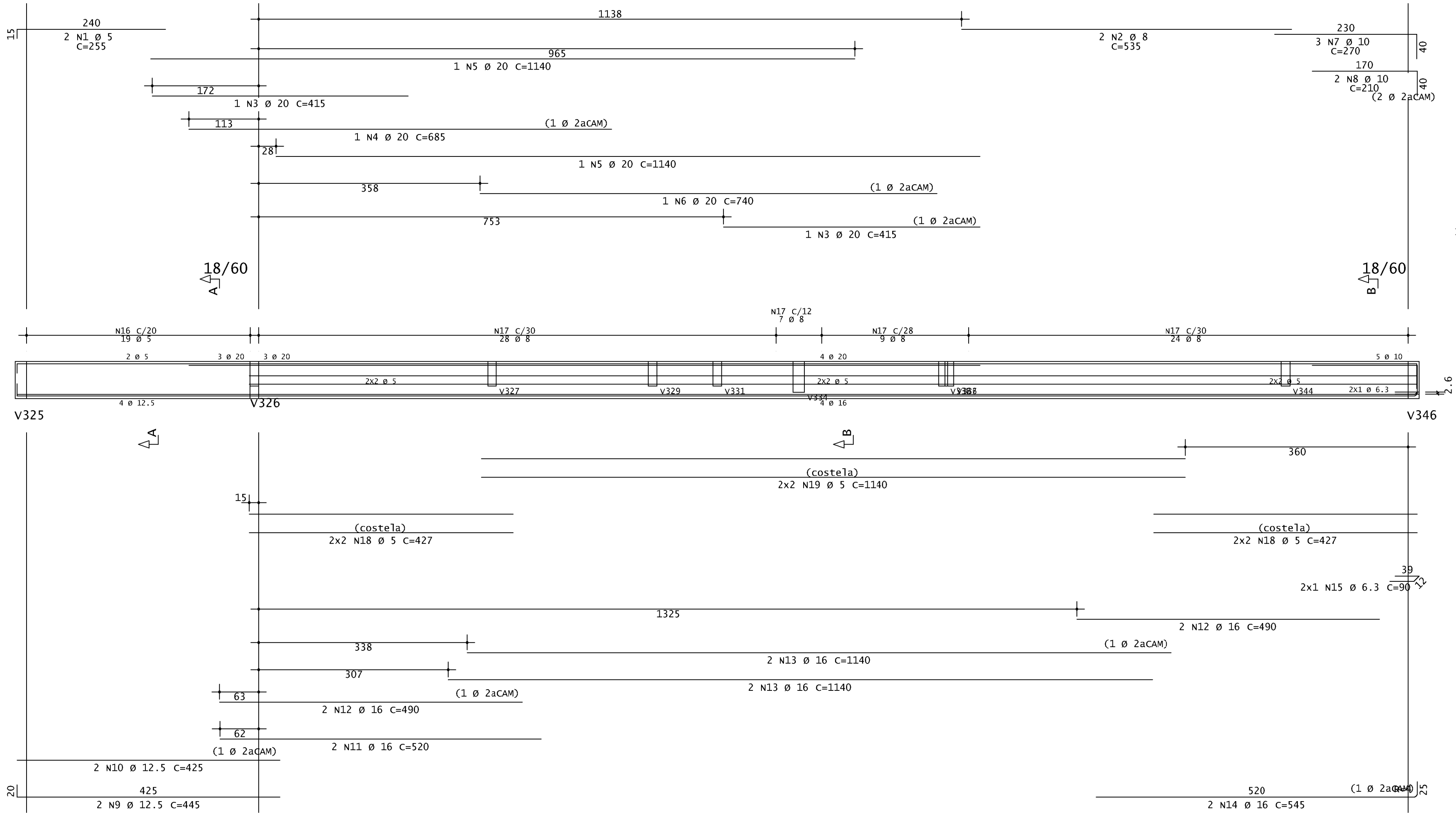
v317



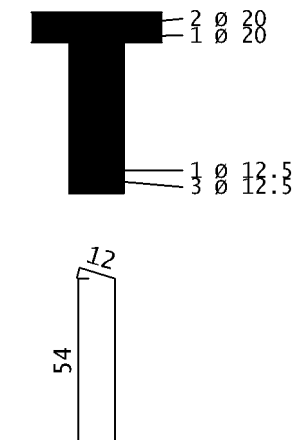
Corte A



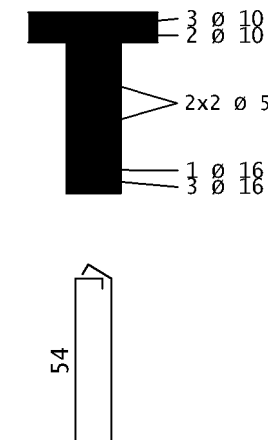
v318



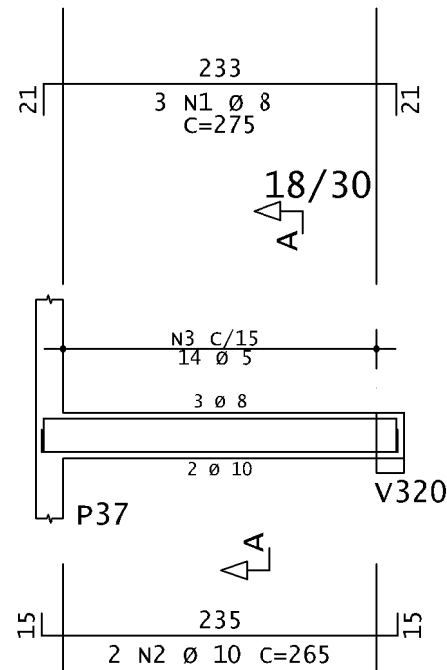
Corte A



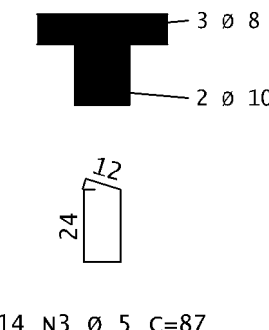
Corte B



v330



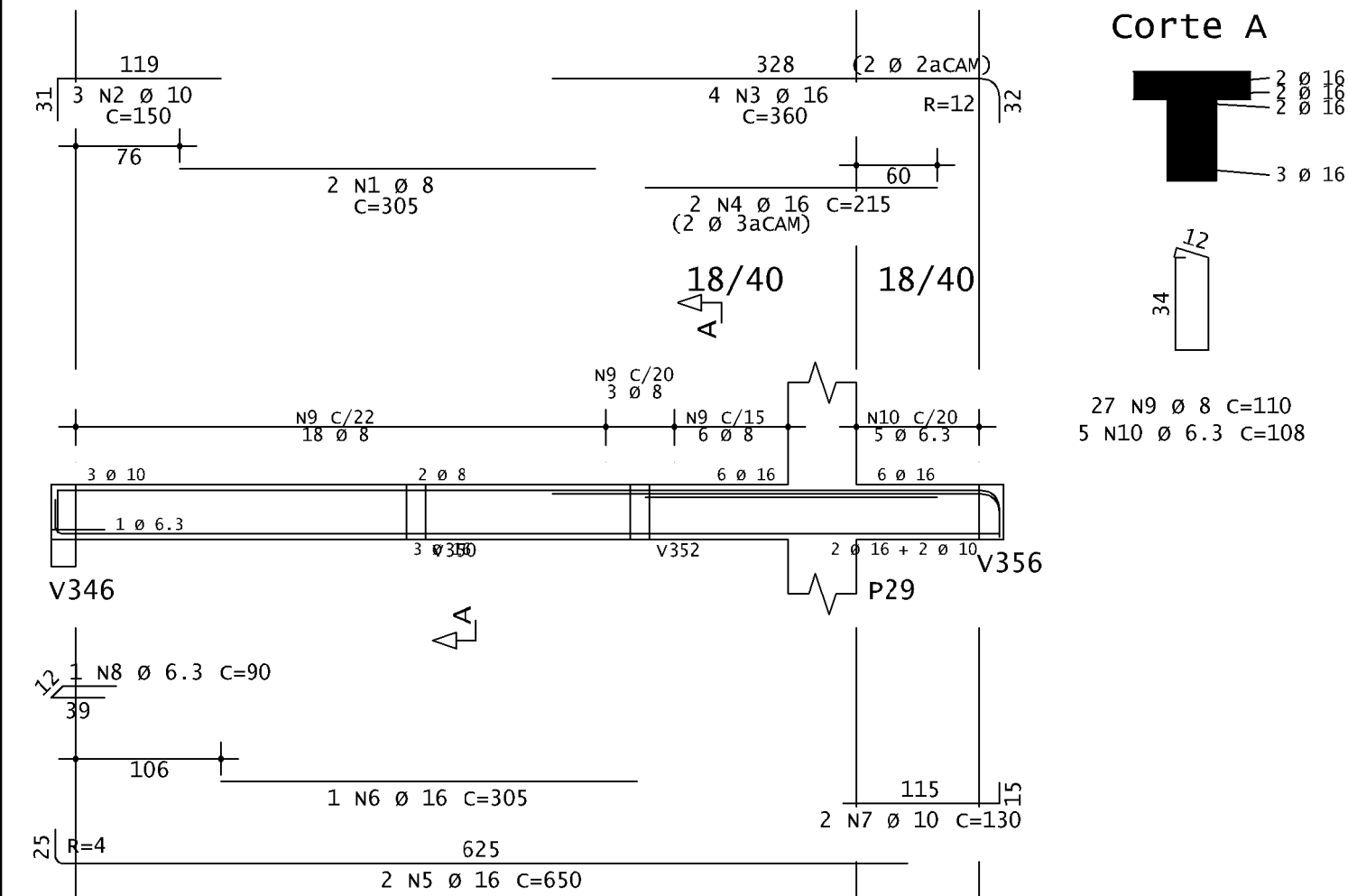
Corte A



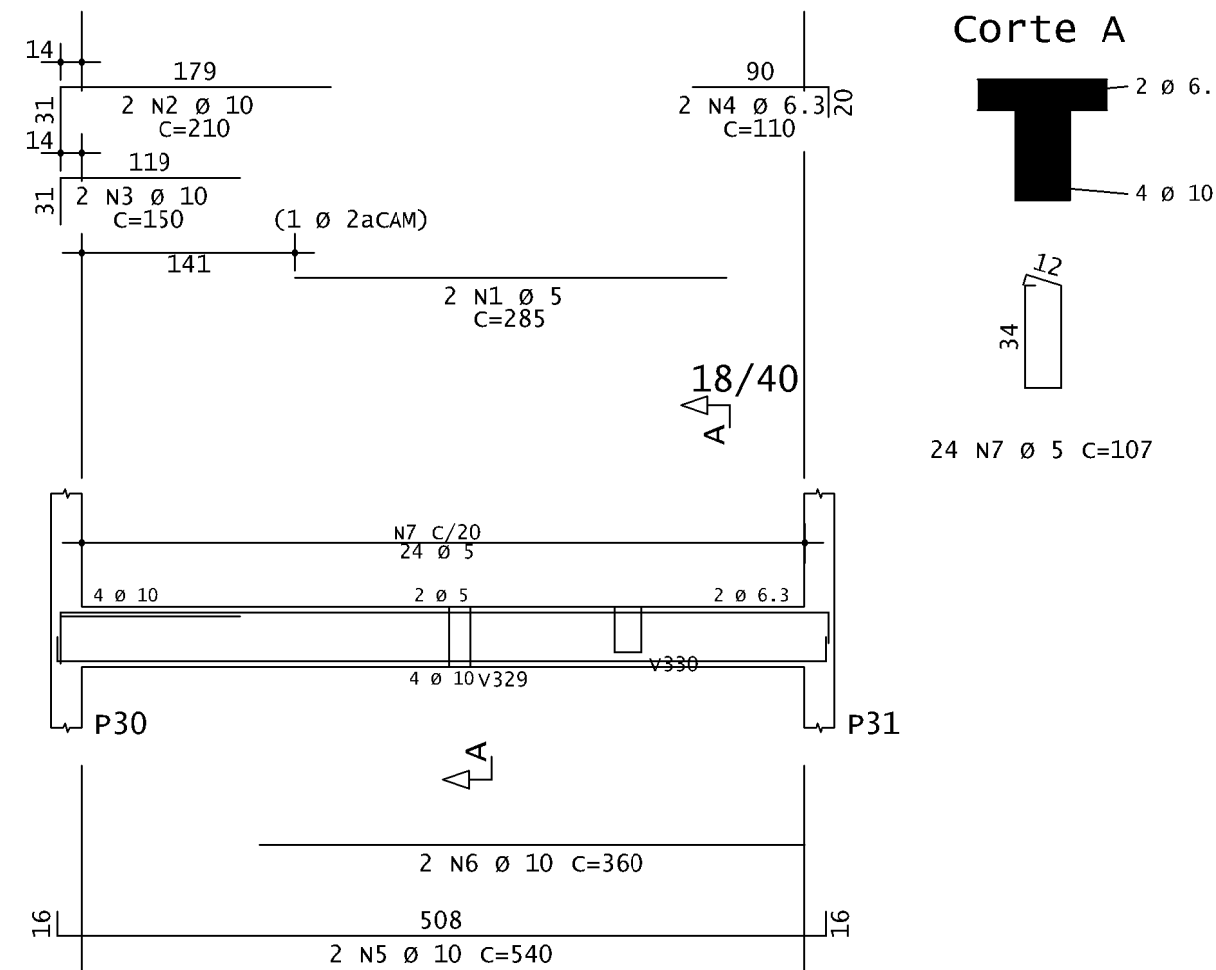
RESUMO DE AÇO				
ACO	BIT	COMPR	PESO	
	mm	m	kgf	
60A	5	177	27	
50A	6.3	55	14	
50A	8	131	52	
50A	10	45	28	
50A	12.5	40	38	
50A	16	110	174	
50A	20	45	112	
Peso Total		60A =	27 kgf	
Peso Total		50A =	418 kgf	

PROJETO			
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO		
LOTES: 0105	QUADRA: 059	ÍNDICE PTU: 01.1.059.0135.001	
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL		
CONTEÚDO:		DATA:	04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:	CPF / CNPJ:		FOLHA:
CÁMARA MUNICIPAL DE MARTINHO CAMPOS	23.886.370/0001-12		
RESPONSÁVEL TÉCNICO:	CREA:		
SÁVIO VINÍCIUS ISRAEL	CREA/ING - 399.989-D		
SÁVIOISRAEL.ENG@GMAIL.COM	(37) 9.8827-9134		
ORIENTAENG CONSULTORIA@GMAIL.COM	(37) 9.9996-7310		

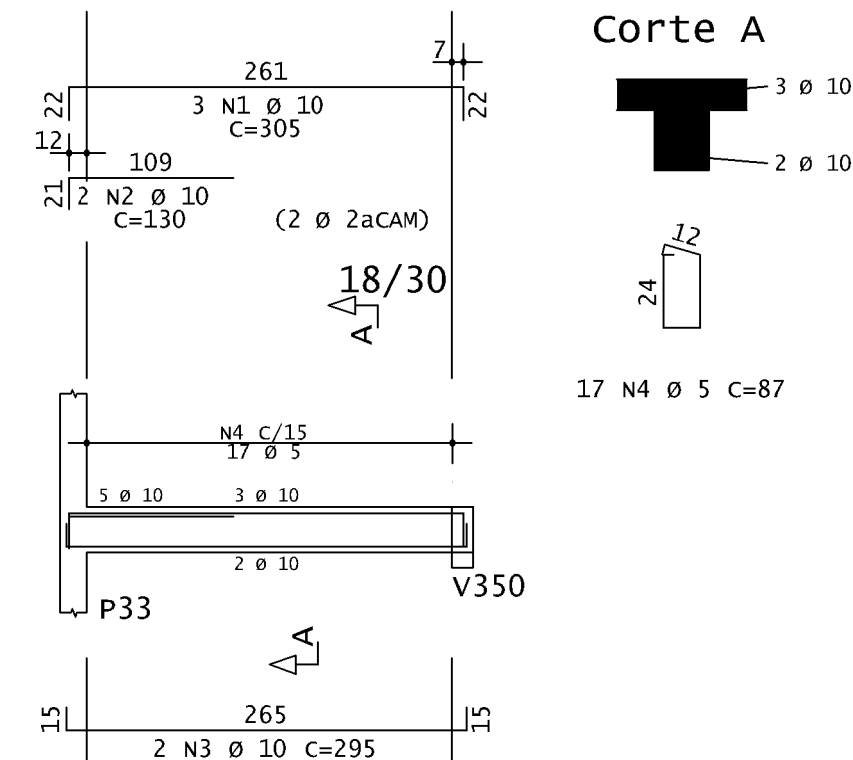
v319



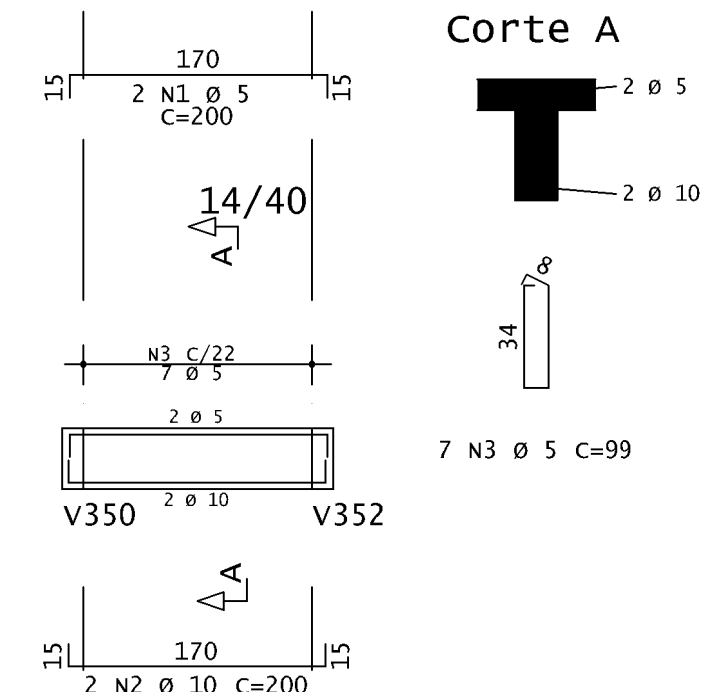
v320



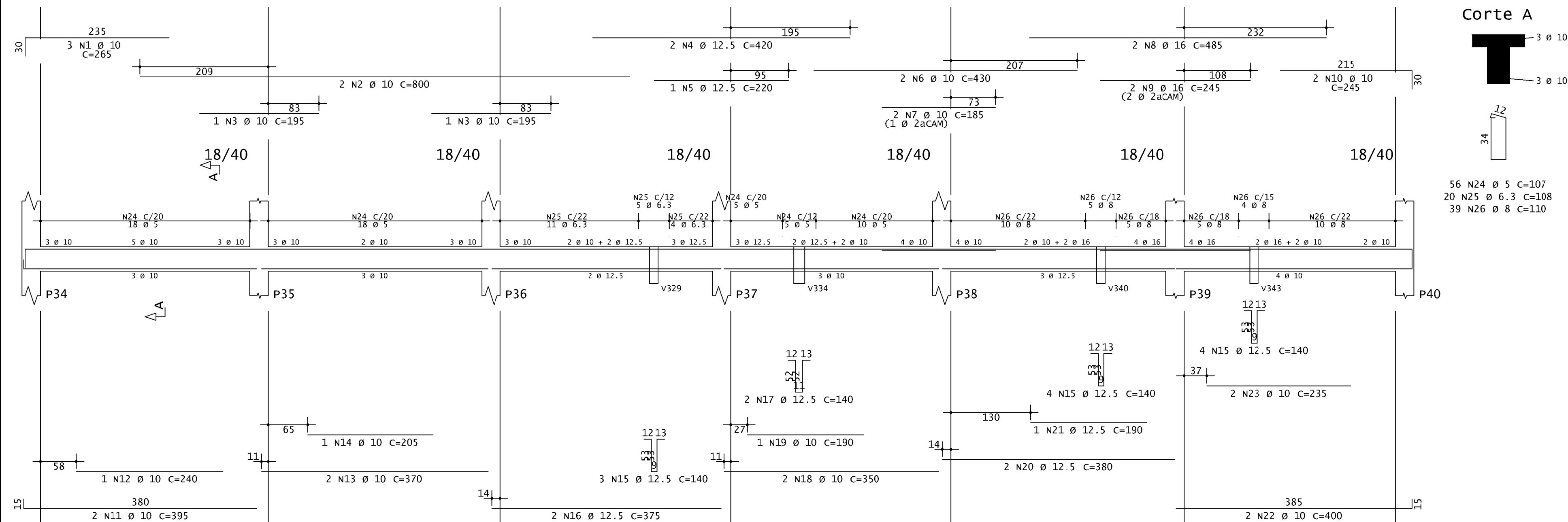
v321



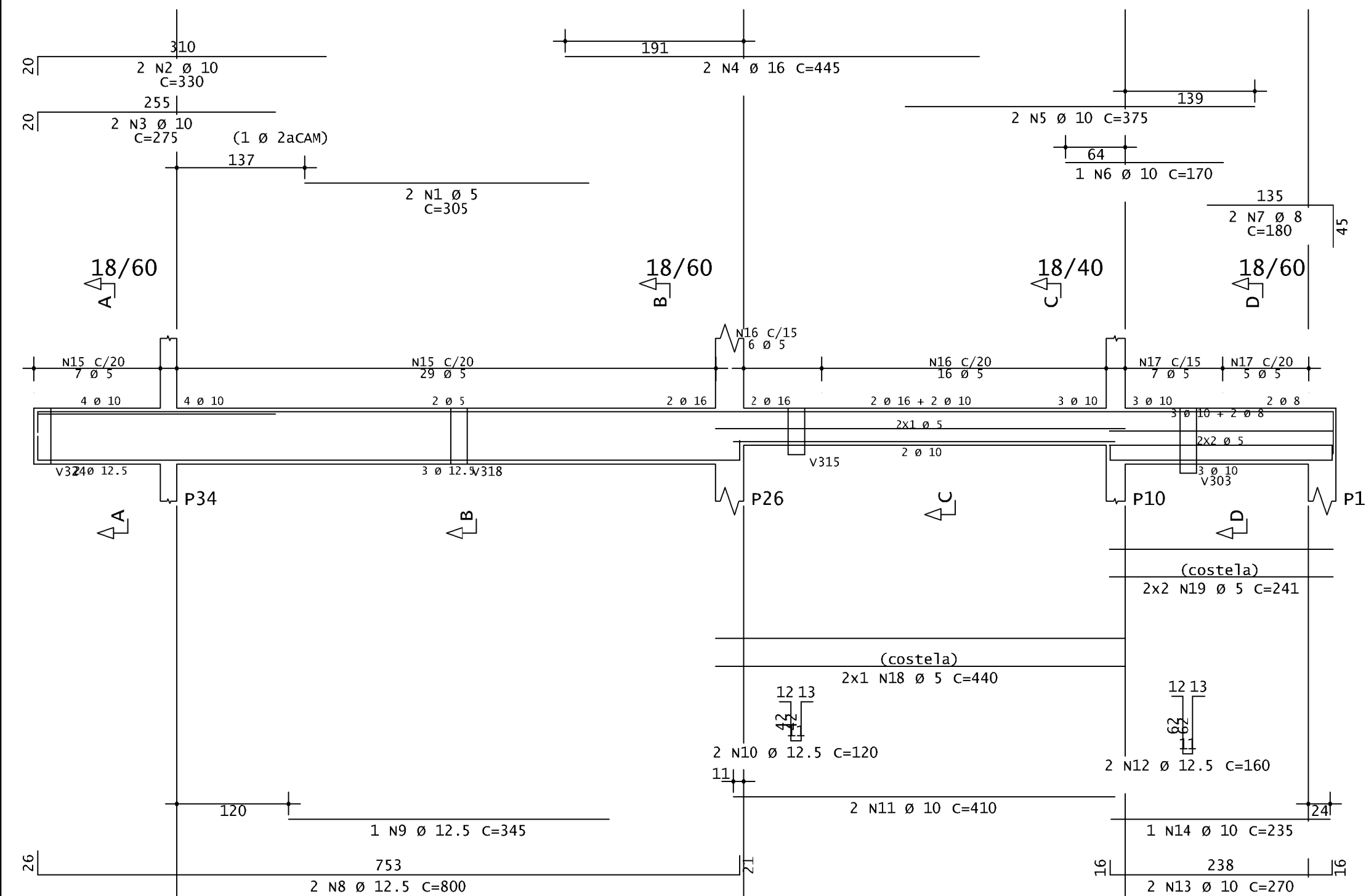
v322



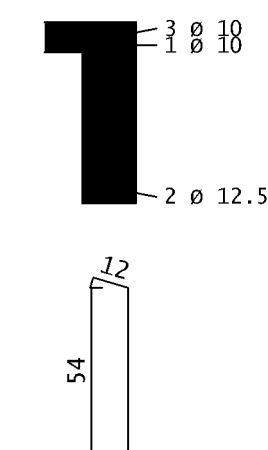
v323



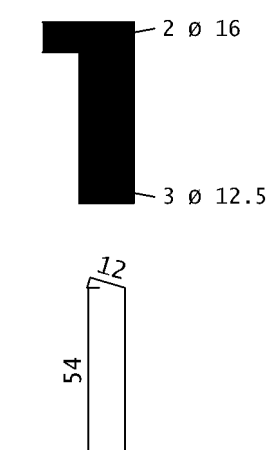
v325



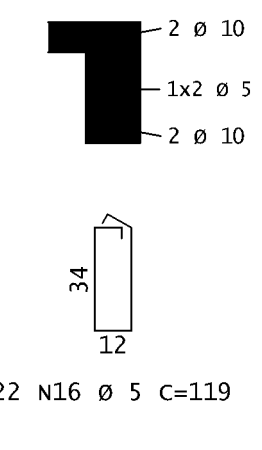
Corte A



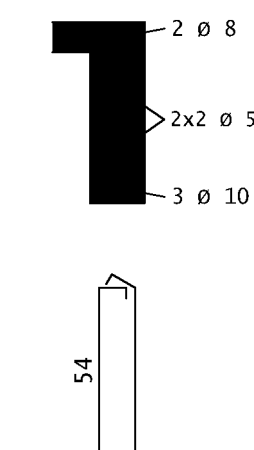
Corte B



Corte C



Corte D

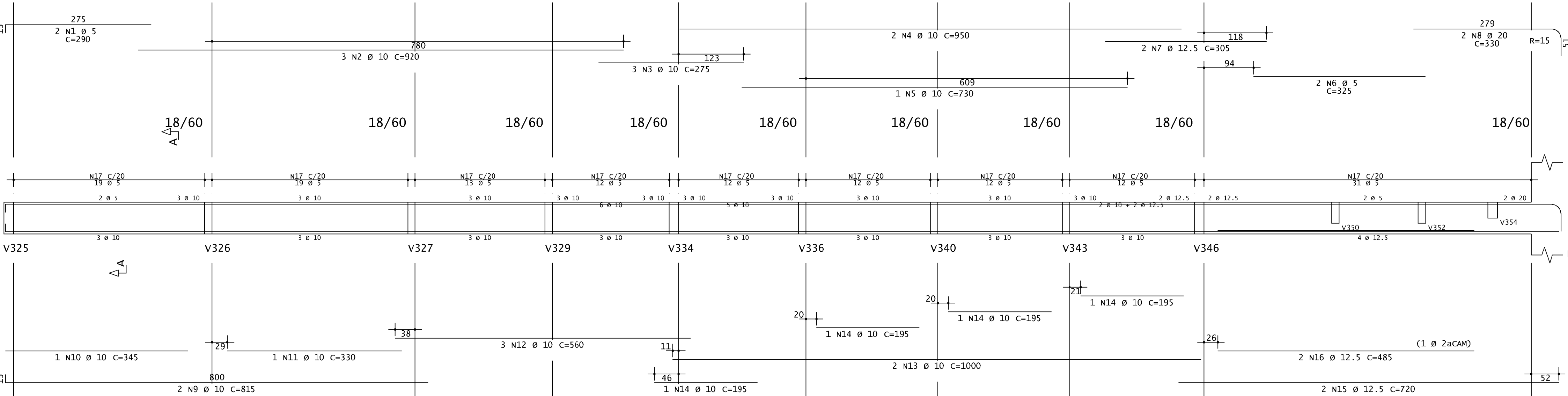


	AÇO	POS	BIT	QUANT	COMPRIMENTO	TOTAL	
			mm		UNIT cm	TOTAL cm	
V319	50A	1	8	2	305	610	
	50A	2	10	3	150	450	
	50A	3	16	4	360	1440	
	50A	4	16	2	215	430	
	50A	5	16	2	650	1300	
	50A	6	16	1	305	305	
	50A	7	10	2	130	260	
	50A	8	6,3	1	90	90	
	50A	9	8	27	110	2970	
50A	10	6,3	5	108	540		
V320	60A	1	5	2	285	570	
	50A	2	10	2	210	420	
	50A	3	10	2	150	300	
	50A	4	6,3	2	110	220	
	50A	5	10	2	540	1080	
	50A	6	10	2	360	720	
60A	7	5	24	107	2568		
V321	50A	1	10	3	305	915	
	50A	2	10	2	130	260	
	50A	3	10	2	295	590	
	60A	4	5	17	87	1479	
V322	60A	1	5	2	200	400	
	50A	2	10	2	99	400	
	60A	3	5	7	69	693	
V323	50A	1	10	3	265	795	
	50A	2	10	2	800	1600	
	50A	3	10	2	195	390	
	50A	4	12,5	2	420	840	
	50A	5	12,5	1	220	220	
	50A	6	10	2	430	860	
	50A	7	10	2	185	370	
	50A	8	16	2	485	970	
	50A	9	16	2	245	490	
	50A	10	10	2	245	490	
	50A	11	10	2	395	790	
	50A	12	10	1	240	240	
	50A	13	10	2	370	740	
	50A	14	10	1	205	205	
	50A	15	12,5	1	140	140	
	50A	16	12,5	2	375	750	
	50A	17	12,5	2	140	280	
	50A	18	10	2	350	700	
	50A	19	10	1	190	190	
	50A	20	12,5	2	380	760	
	50A	21	12,5	1	190	190	
	50A	22	10	2	400	800	
	50A	23	10	2	235	470	
	50A	24	5	56	107	5982	
	50A	25	6,3	22	108	2160	
	50A	26	8	39	110	4290	
V325	60A	1	5	2	305	610	
	50A	2	10	2	330	660	
	50A	3	10	2	275	550	
	50A	4	16	2	445	890	
	50A	5	10	2	375	750	
	50A	6	10	1	170	170	
	50A	7	8	2	180	360	
	50A	8	12,5	2	800	1600	
	50A	9	12,5	1	345	345	
	50A	10	12,5	2	120	240	
	50A	11	10	2	410	820	
	50A	12	12,5	2	160	320	
	50A	13	10	2	270	540	
	50A	14	10	1	235	235	
	60A	15	5	36	147	5292	
	60A	16	5	22	119	2618	
	60A	17	5	12	158	1580	
	60A	18	5	12	440	880	
	60A	19	5	4	241	964	
	V325	50A	20	10	2	375	750
		50A	21	10	2	375	750
		50A	22	10	2	375	750
		50A	23	10	2	375	750
		50A	24	10	2	375	750
		50A	25	10	2	375	750
		50A	26	10	2	375	750
50A		27	10	2	375	750	
50A		28	10	2	375	750	
50A		29	10	2	375	750	

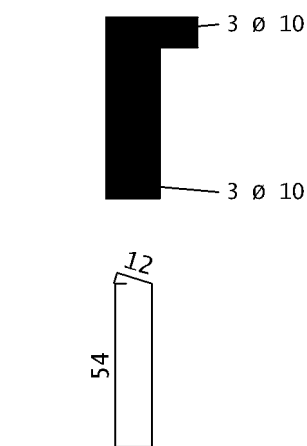
RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	240	37
50A	6.3	30	7
50A	8	82	33
50A	10	178	110
50A	12.5	71	68
50A	16	58	92
Peso Total	60A =		37 kgf
Peso Total	50A =		310 kgf

PROJETO					
NRA: RUA LUZ ALVES, 86		BARRIO: CENTRO			
LOTES: 07/08	QUADRA: 059	INDICE PFTU:		01 T. 059/0185.001	
TITULO: PROJETO ESTRUTURAL		USO:		INSTITUCIONAL	
CONTEUDO: _____				DATA: 04/10/2025	
RESPONSÁVEIS					
		PROPRIETÁRIO:	CPF: CNPJ:		
		CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.899.073-0001-10	
		RESPONSÁVEL TÉCNICO:	CREA:		
		SÁDIO VINÍCIUS ISRAEL SARVOTENSIL ENGENHARIA COM ORIENTACAO CONSULTORIA@GMAIL.COM	CREATING - 359.969 D (37) 91837-0134 (37) 91996-7370		

v324

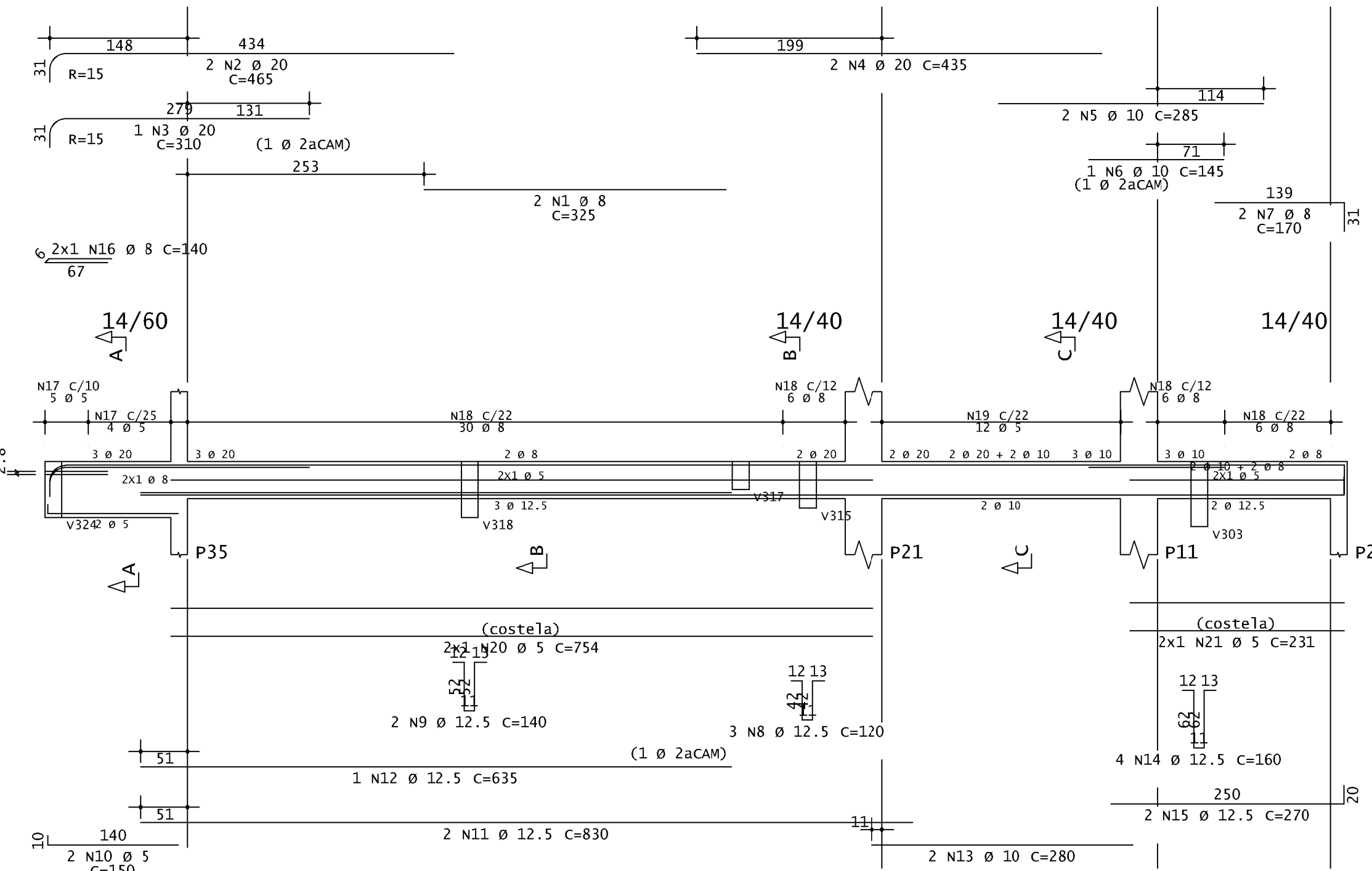


Corte A



142 N17 Ø 5 C=147

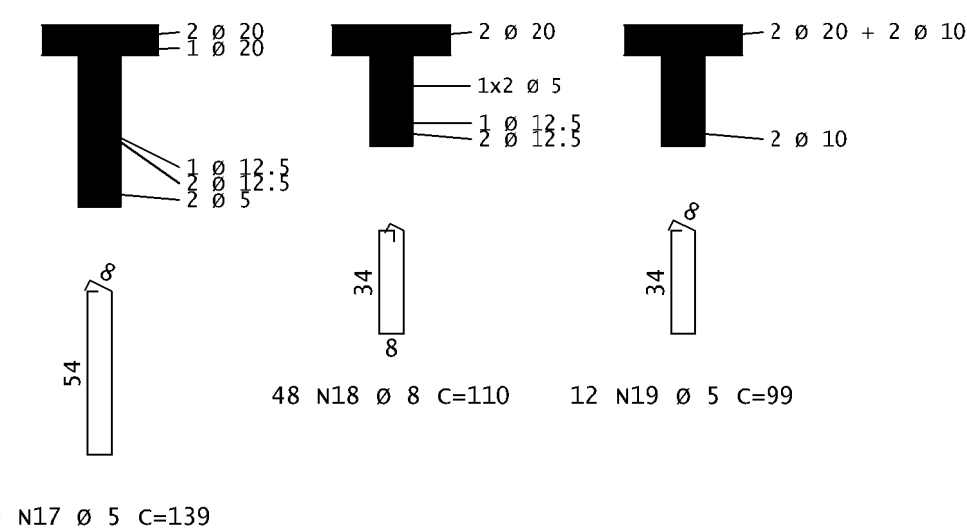
v326



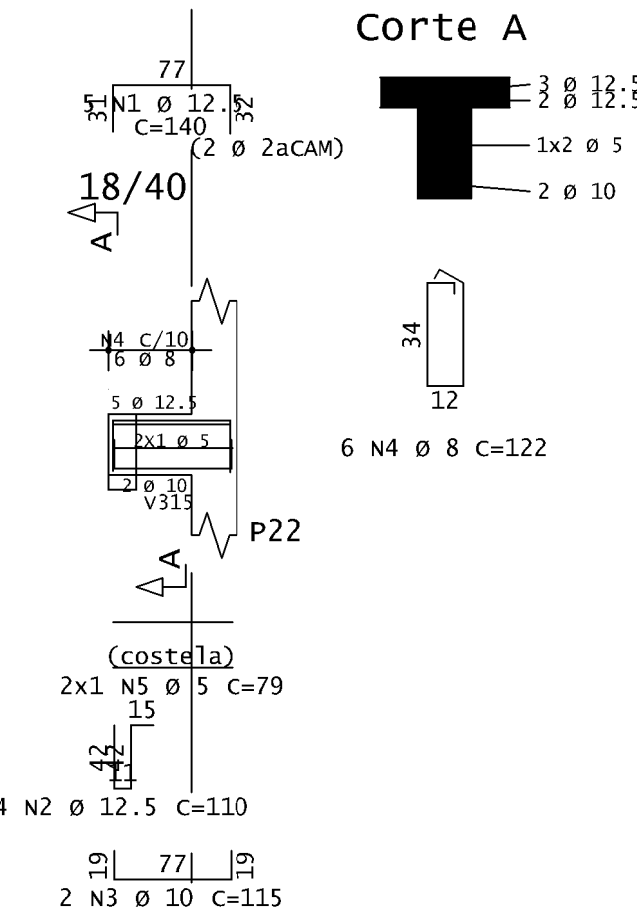
Corte A

Corte B

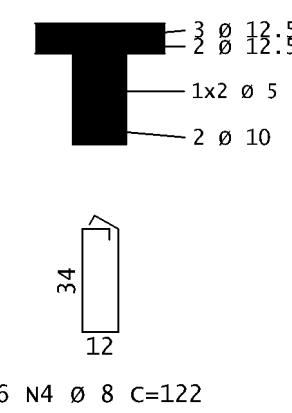
Corte C



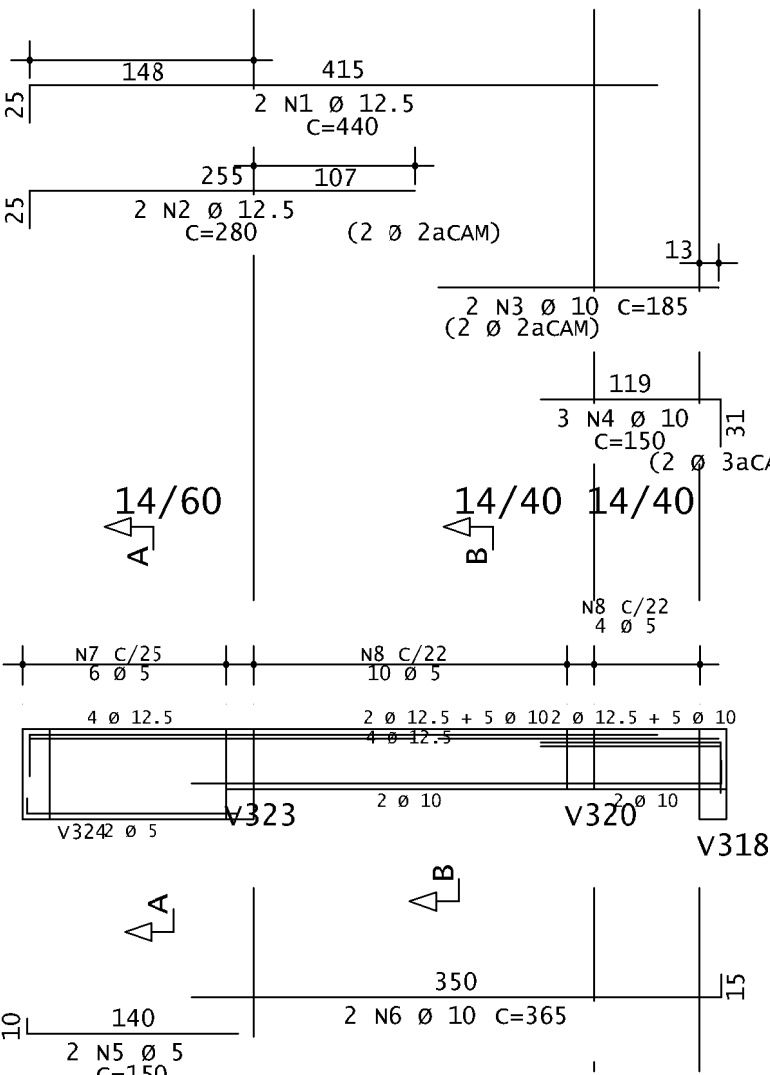
v328



Corte A

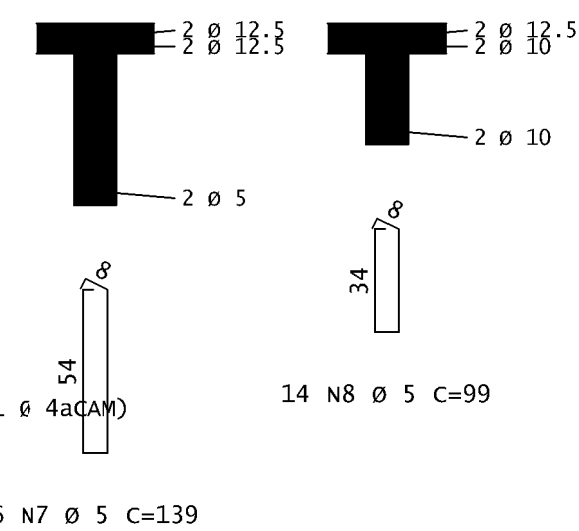


v329

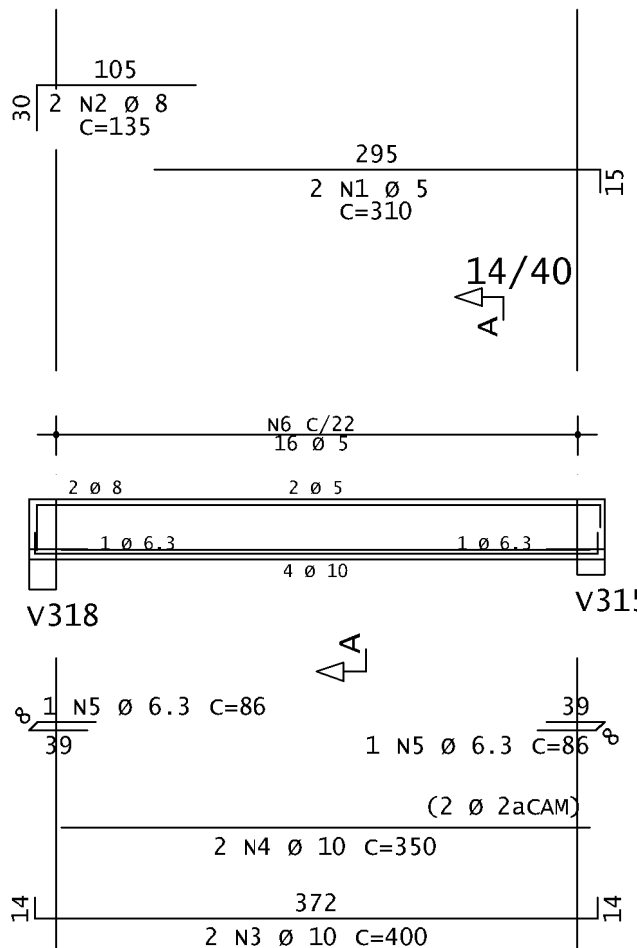


Corte A

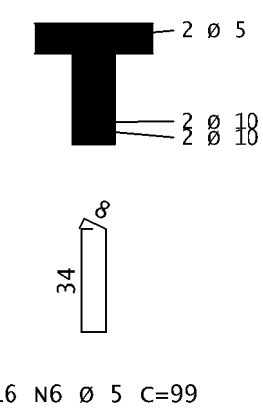
Corte B



v331



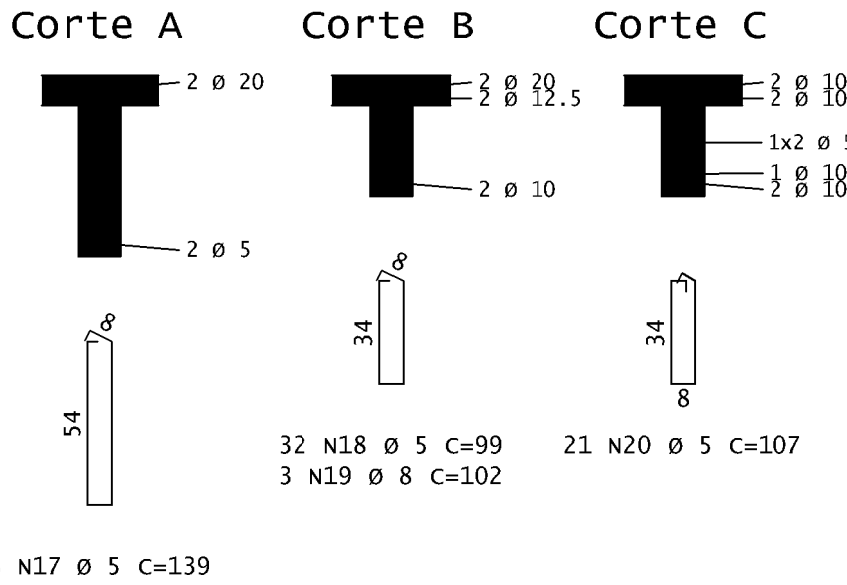
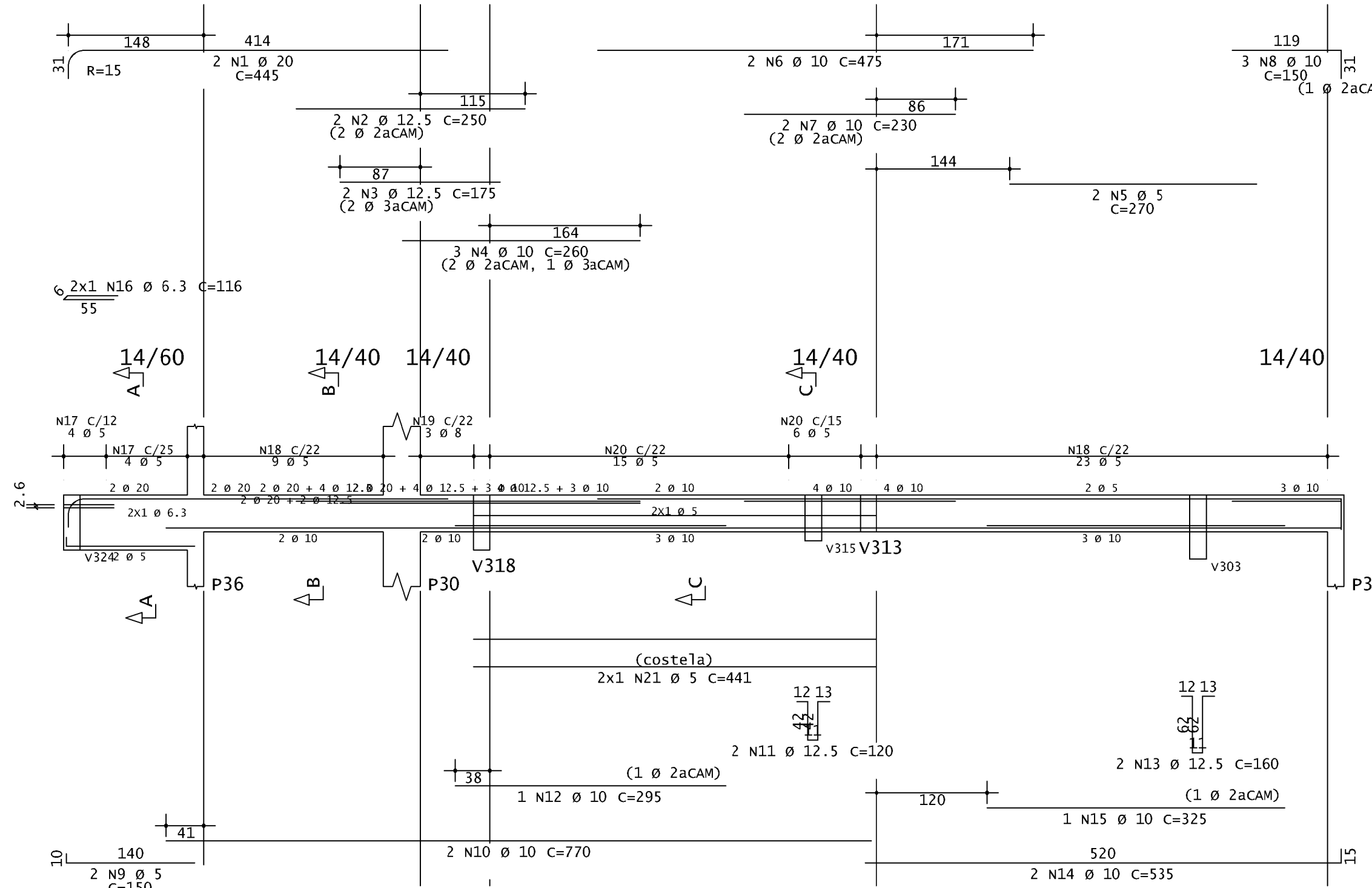
Corte A



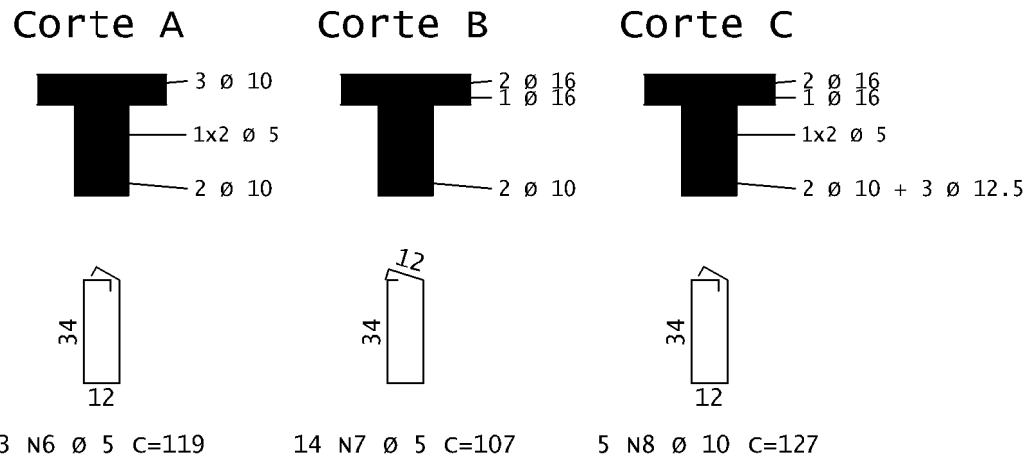
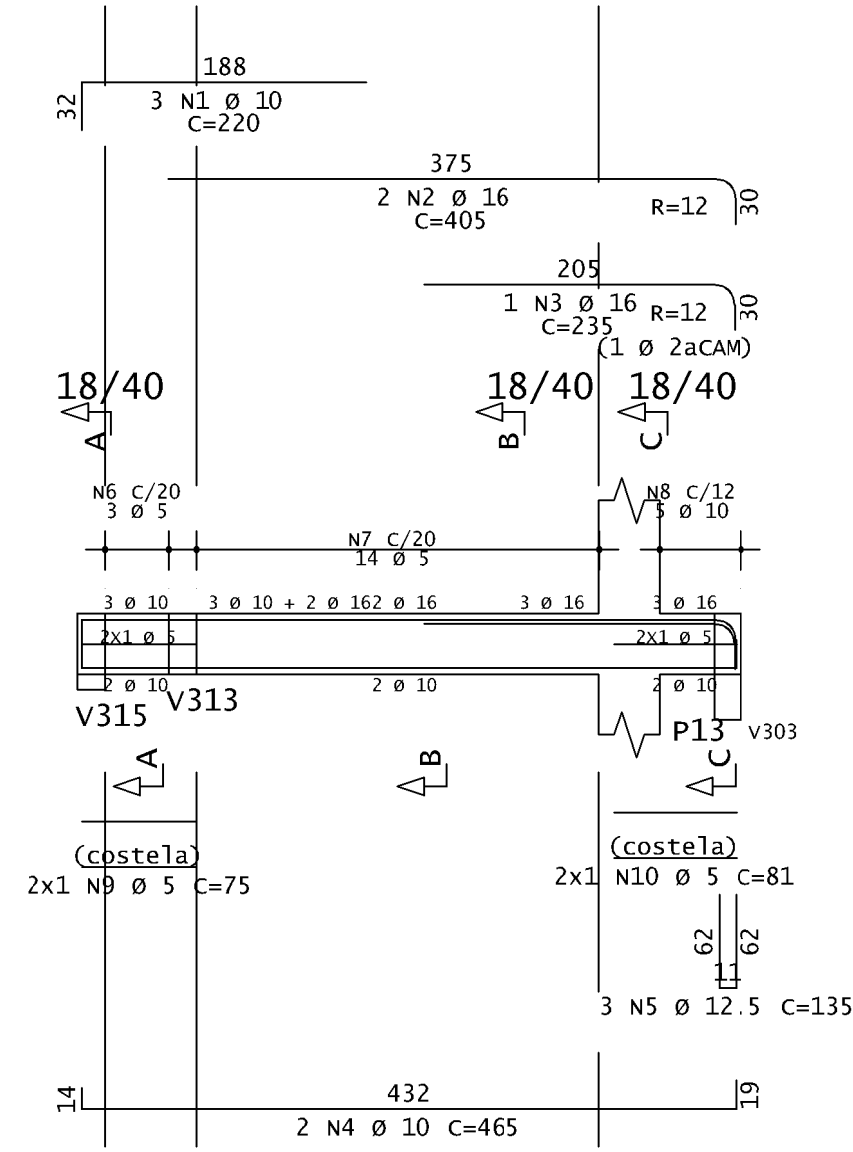
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	317	49
50A	6.3	2	0
50A	8	75	30
50A	10	175	108
50A	12.5	97	94
50A	20	28	68
Peso Total		60A =	49 kgf
Peso Total		50A =	300 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188	QUADRA: 059	ÍNDICE IPTU: 01.1.059.0135.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:			DATA: 04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 399.989-D	
SÁVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	

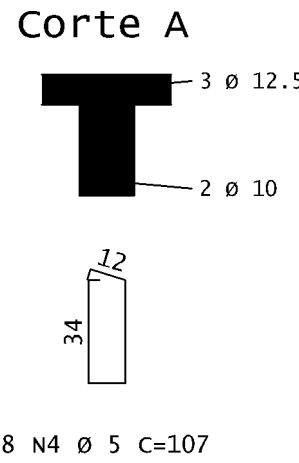
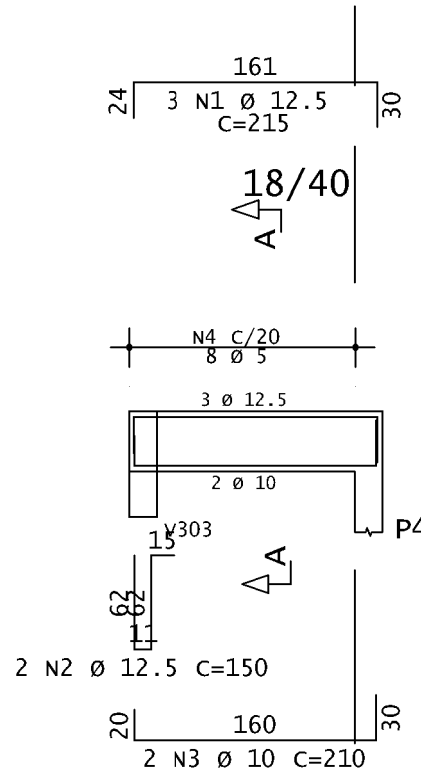
v327



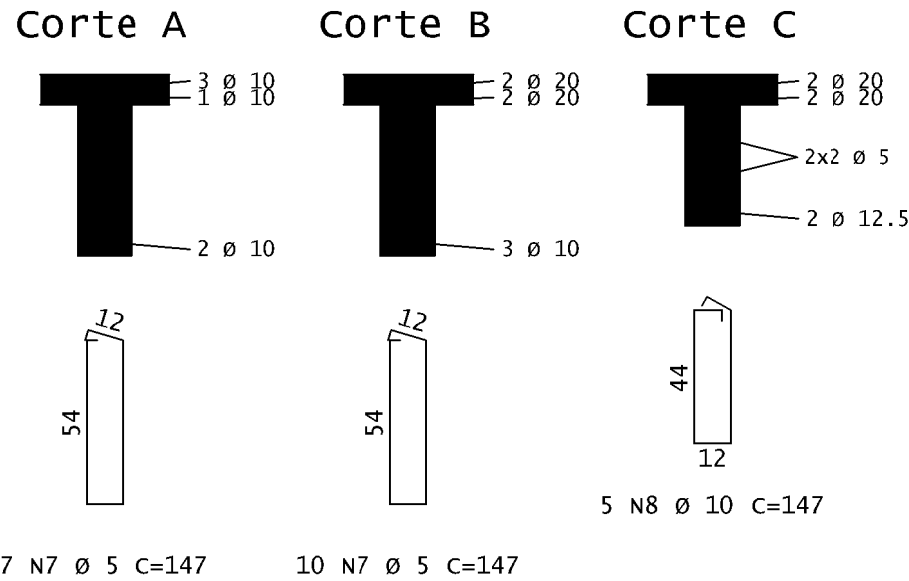
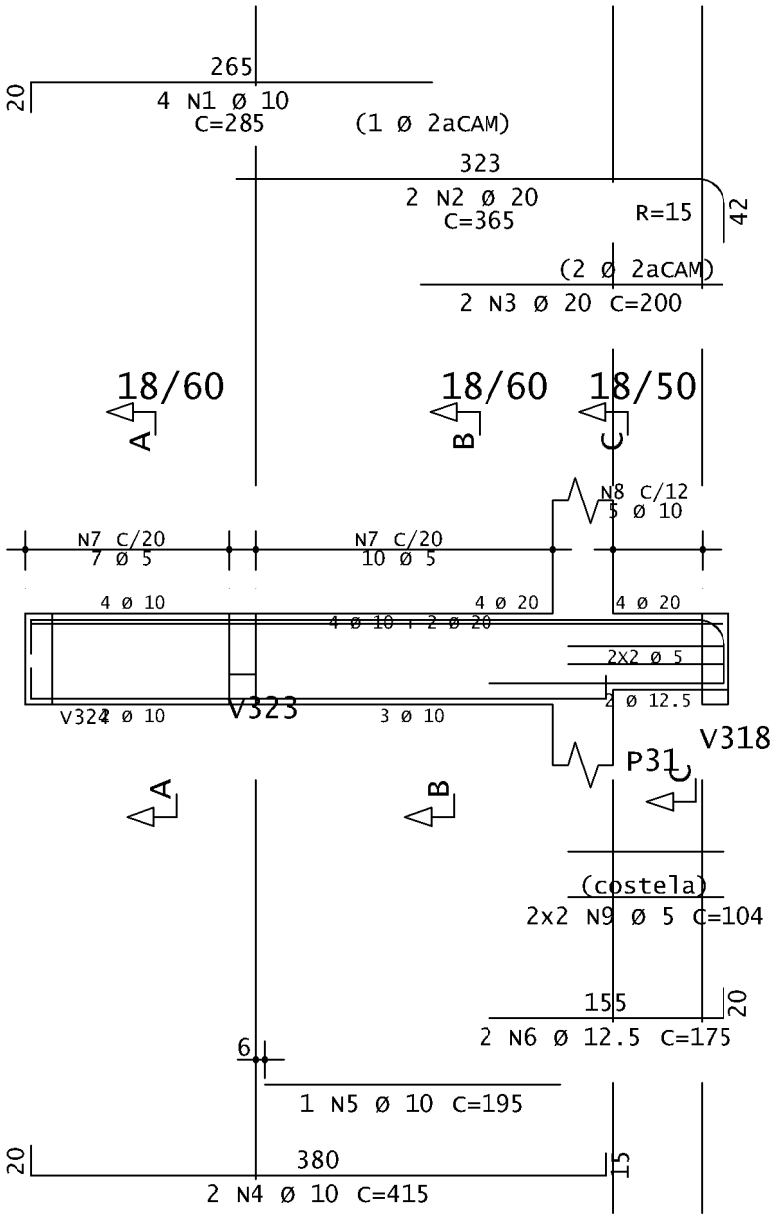
v332



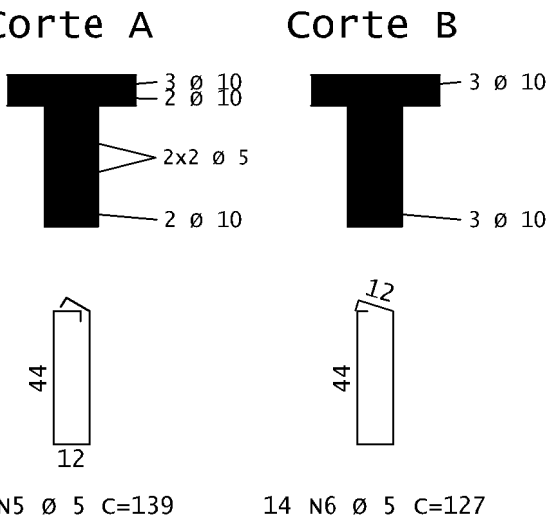
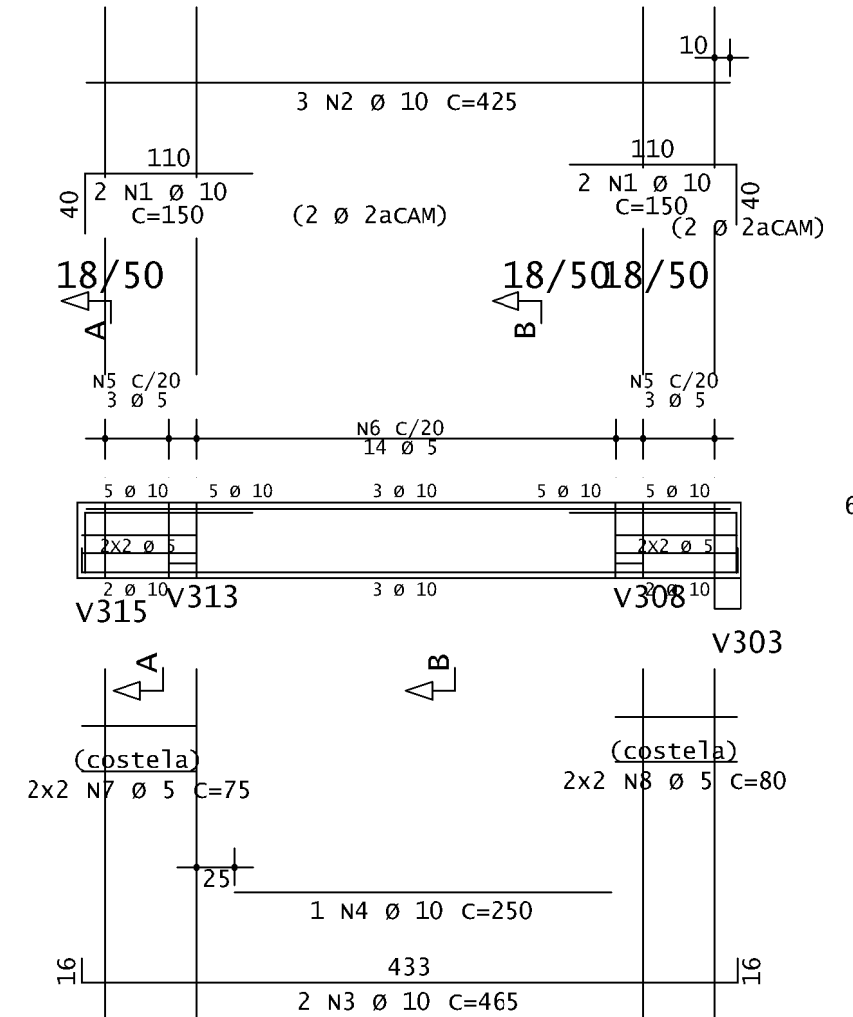
v333



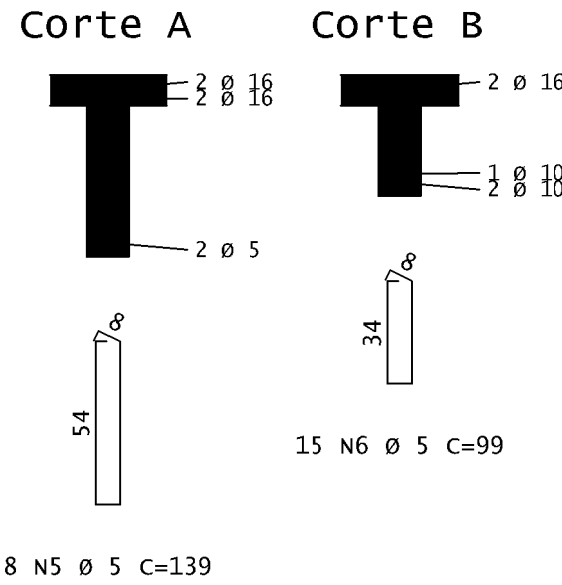
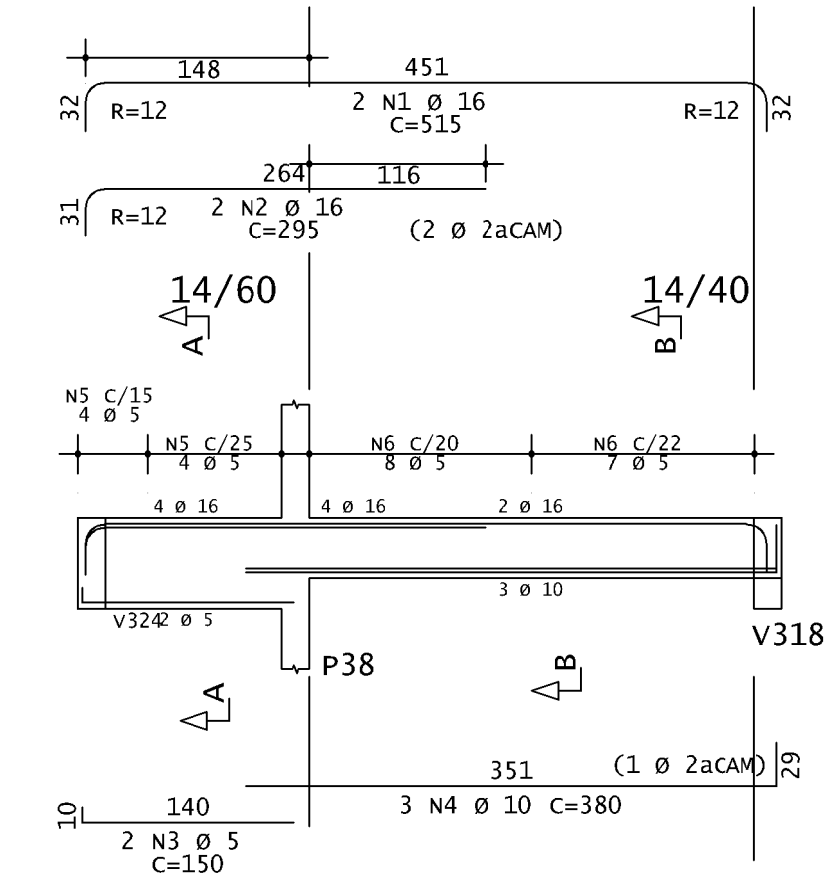
v334



v335



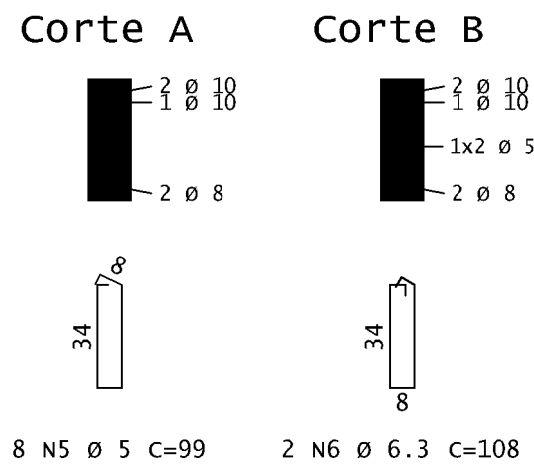
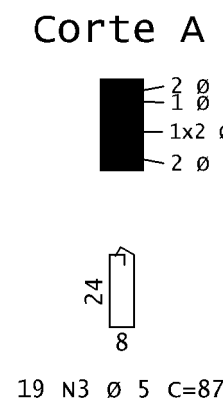
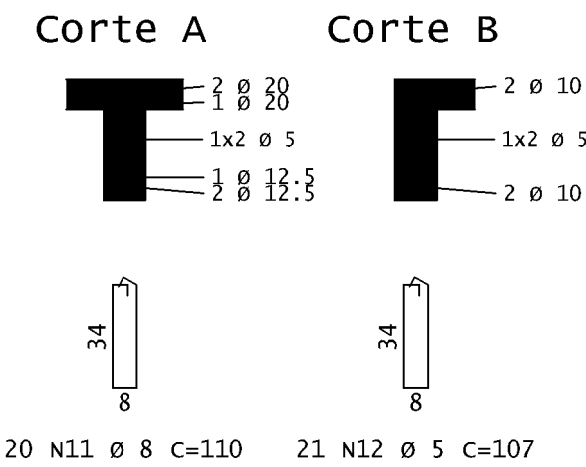
v336



V327	AÇO	POS	BIT mm	QUANT	COMPRIMENTO	
					UNIT	TOTAL
					cm	cm
	50A	1	20	2	445	890
	50A	2	12.5	2	250	500
	50A	3	12.5	2	175	350
	50A	4	10	3	260	780
	60A	5	5	2	270	540
	50A	6	10	2	475	950
	50A	7	10	2	230	460
	50A	8	10	3	150	450
	60A	9	5	2	150	300
	50A	10	10	2	770	1540
	50A	11	12.5	2	120	240
	50A	12	10	1	295	295
	50A	13	12.5	2	160	320
	50A	14	10	2	535	1070
	50A	15	10	1	325	325
	50A	16	6.3	2	116	232
	60A	17	5	8	139	1112
	60A	18	5	32	99	3168
	50A	19	8	3	102	306
	60A	20	5	21	107	2247
	60A	21	5	2	441	882
V332	50A	1	10	3	220	660
	50A	2	16	2	405	810
	50A	3	16	1	235	235
	50A	4	10	2	465	930
	50A	5	12.5	3	135	405
	60A	6	5	3	119	357
	60A	7	5	14	107	1498
	50A	8	10	5	127	635
	60A	9	5	2	75	150
	60A	10	5	2	81	162
V333	50A	1	12.5	3	215	645
	50A	2	12.5	2	150	300
	50A	3	10	2	210	420
	60A	4	5	8	107	856
V334	50A	1	10	4	285	1140
	50A	2	20	2	365	730
	50A	3	20	2	200	400
	50A	4	10	2	415	830
	50A	5	10	1	195	195
	50A	6	12.5	2	175	350
	60A	7	5	17	147	2499
	50A	8	10	5	147	735
	60A	9	5	4	104	416
V335	50A	1	10	4	150	600
	50A	2	10	3	425	1275
	50A	3	10	2	465	930
	50A	4	10	1	250	250
	60A	5	5	6	139	834
	60A	6	5	14	127	1778
	60A	7	5	4	75	300
	60A	8	5	4	80	320
V336	50A	1	16	2	515	1030
	50A	2	16	2	295	590
	60A	3	5	2	150	300
	50A	4	10	3	380	1140
	60A	5	5	8	139	1112
	60A	6	5	15	99	1485

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	203	31
50A	6.3	2	1
50A	8	3	1
50A	10	155	96
50A	12.5	11	30
50A	16	27	42
50A	20	20	50
Peso Total		60A =	31 kgf
Peso Total		50A =	220 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BAIRRO: CENTRO	
LOTES: 0188	QUADRA: 089	ÍNDICE PIV: 01.1.059.0135.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SAÍVO VINÍCIUS ISRAEL		CREA/ING - 399.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	
TITULO: PROJETO CAMARA		FELIX	

[illegible]

	AÇO	POS	BIT	QUANT	COMPIMENTO	
					UNIT	TOTAL
V337			mm		cm	cm
	50A	1	8	2	250	500
	50A	2	20	2	495	990
	50A	3	20	2	260	260
	50A	4	10	2	290	580
	50A	5	6,3	2	135	270
	50A	6	12,5	2	120	240
	50A	7	12,5	2	1040	1040
	50A	8	12,5	1	495	495
	50A	9	10	2	505	1010
	50A	10	6,3	1	86	86
	50A	11	8	20	110	2200
	60A	12	5	21	107	1227
	60A	13	5	2	444	888
60A	14	5	2	344	688	
60A	15	5	2	177	354	
V338	50A	1	6,3	3	350	1050
	50A	2	8	2	350	700
	60A	3	5	19	87	1653
	60A	4	5	2	344	688
V339	50A	1	8	2	135	270
	50A	2	10	2	225	450
	50A	3	10	1	170	170
	50A	4	8	2	255	510
	50A	5	5	8	99	792
	50A	6	6,3	2	108	216
60A	7	5	2	57	114	
V340	50A	1	16	2	420	840
	50A	2	16	2	295	590
	50A	3	6,3	2	260	520
	50A	4	10	3	245	735
	50A	5	10	3	145	435
	50A	6	5	3	350	300
	50A	7	12,5	2	395	790
	50A	8	12,5	1	170	170
	50A	9	16	2	495	990
	50A	10	16	2	940	470
	50A	11	8	2	90	180
	60A	12	5	8	139	1112
50A	13	6,3	16	100	1600	
60A	14	5	19	99	1881	
V341	50A	1	10	3	360	1080
	50A	2	10	2	130	260
	50A	3	10	2	350	700
	50A	4	10	1	165	165
	60A	5	5	20	87	1740
V342	50A	1	8	2	135	270
	50A	2	10	2	249	498
	50A	3	10	1	170	170
	50A	4	8	2	255	510
	60A	5	5	8	99	792
	60A	6	5	2	107	214
60A	7	5	2	57	114	
V343	50A	1	16	2	515	1030
	50A	2	16	2	295	590
	60A	3	5	2	150	300
	50A	4	10	2	365	730
	50A	5	10	1	350	350
	60A	6	5	8	139	1112
	60A	7	5	17	99	1683
V344	50A	1	8	2	275	550
	50A	2	20	2	505	1010
	50A	3	20	1	260	260
	50A	4	10	2	165	330
	50A	5	10	2	805	1610
	50A	6	10	1	490	980
	50A	7	8	22	110	2420
	60A	8	5	13	99	1287
60A	9	5	2	444	888	
V345	50A	1	6,3	2	215	430
	50A	2	6,3	1	105	105
	50A	3	6,3	3	165	495
	50A	4	8	2	350	700
	50A	5	5	10	87	1653
	60A	6	5	2	344	688
	60A	7	5	2	344	688

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	212	33
50A	6,3	48	12
50A	8	88	35
50A	10	103	63
50A	12,5	27	26
50A	16	50	79
50A	20	25	62
Peso Total		60A =	33 kgf
Peso Total		50A =	277 kgf

Technical drawing of a structural steel beam, labeled "Corte A". The drawing shows the beam's profile with various dimensions and material specifications.

Dimensions and Material Specifications:

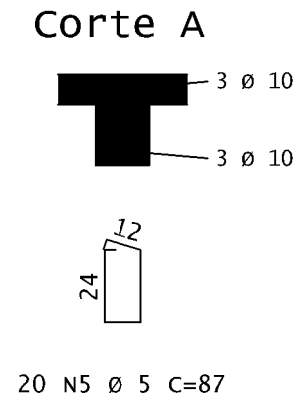
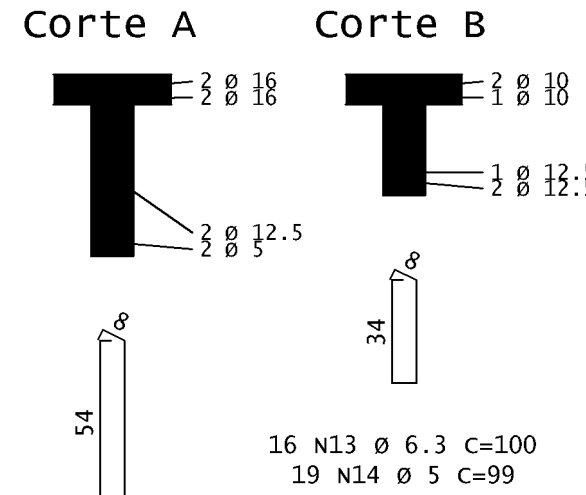
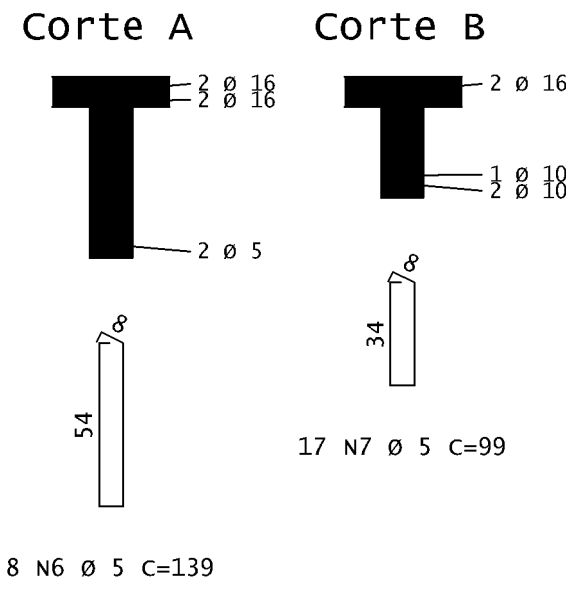
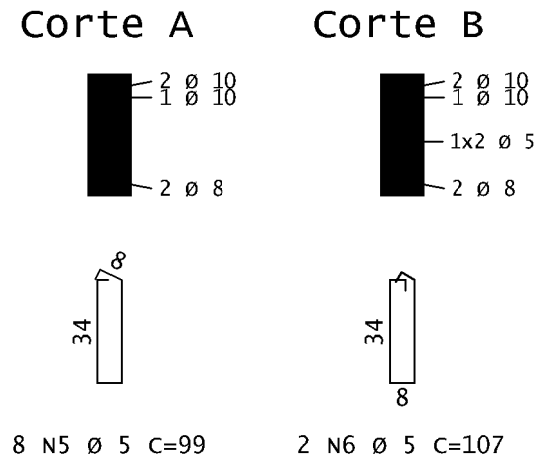
- Top flange: 148 mm width, 389 mm depth, R=12 mm radius, 2 N1 Ø 16 C=420.
- Web: 66 mm thickness, 2 N3 Ø 6.3 C=260.
- Bottom flange: 264 mm width, 116 mm depth, R=12 mm radius, 2 N2 Ø 16 C=295 (2 Ø 2aCAM).
- End section: 114 mm width, 3 N5 Ø 10 C=145 (1 Ø 2aCAM).
- Section details: 14/60, 14/40, 14/40.
- Bottom flange: 140 mm width, 2 N6 Ø 5 C=150.
- Web: 175 mm depth, 1 N8 Ø 12.5 C=395.
- End section: 51 mm width, 2 N7 Ø 12.5 C=395.
- Bottom flange: 470 mm width, 2 N9 Ø 16 C=495.
- Web: 46 mm thickness, 2 N10 Ø 16 C=470.
- End section: 41 mm width, 2x1 N11 Ø 8 C=90.
- Bottom flange: 470 mm width, 2 N12 Ø 5 C=135.

Section Details:

- Section A: 14/60, 14/40, 14/40.
- Section B: 14/40, 14/40, 14/40.
- Section C: 14/40, 14/40, 14/40.

Notes:

- 1 N12 C/12 4 Ø 5
- 1 N12 C/25 4 Ø 5
- 1 N13 C/18 9 Ø 6.3
- 1 N13 C/22 9 Ø 6.3
- 1 N14 C/22 19 Ø 5
- 1 N15 C/22 19 Ø 5
- 1 N16 C/22 19 Ø 5
- 1 N17 C/22 19 Ø 5
- 1 N18 C/22 19 Ø 5
- 1 N19 C/22 19 Ø 5
- 1 N20 C/22 19 Ø 5
- 1 N21 C/22 19 Ø 5
- 1 N22 C/22 19 Ø 5
- 1 N23 C/22 19 Ø 5
- 1 N24 C/22 19 Ø 5
- 1 N25 C/22 19 Ø 5
- 1 N26 C/22 19 Ø 5
- 1 N27 C/22 19 Ø 5
- 1 N28 C/22 19 Ø 5
- 1 N29 C/22 19 Ø 5
- 1 N30 C/22 19 Ø 5
- 1 N31 C/22 19 Ø 5
- 1 N32 C/22 19 Ø 5
- 1 N33 C/22 19 Ø 5
- 1 N34 C/22 19 Ø 5
- 1 N35 C/22 19 Ø 5
- 1 N36 C/22 19 Ø 5
- 1 N37 C/22 19 Ø 5
- 1 N38 C/22 19 Ø 5
- 1 N39 C/22 19 Ø 5
- 1 N40 C/22 19 Ø 5
- 1 N41 C/22 19 Ø 5
- 1 N42 C/22 19 Ø 5
- 1 N43 C/22 19 Ø 5
- 1 N44 C/22 19 Ø 5
- 1 N45 C/22 19 Ø 5
- 1 N46 C/22 19 Ø 5
- 1 N47 C/22 19 Ø 5
- 1 N48 C/22 19 Ø 5
- 1 N49 C/22 19 Ø 5
- 1 N50 C/22 19 Ø 5
- 1 N51 C/22 19 Ø 5
- 1 N52 C/22 19 Ø 5
- 1 N53 C/22 19 Ø 5
- 1 N54 C/22 19 Ø 5
- 1 N55 C/22 19 Ø 5
- 1 N56 C/22 19 Ø 5
- 1 N57 C/22 19 Ø 5
- 1 N58 C/22 19 Ø 5
- 1 N59 C/22 19 Ø 5
- 1 N60 C/22 19 Ø 5
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- 1 N62 C/22 19 Ø 5
- 1 N63 C/22 19 Ø 5
- 1 N64 C/22 19 Ø 5
- 1 N65 C/22 19 Ø 5
- 1 N66 C/22 19 Ø 5
- 1 N67 C/22 19 Ø 5
- 1 N68 C/22 19 Ø 5
- 1 N69 C/22 19 Ø 5
- 1 N70 C/22 19 Ø 5
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- 1 N73 C/22 19 Ø 5
- 1 N74 C/22 19 Ø 5
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- 1 N77 C/22 19 Ø 5
- 1 N78 C/22 19 Ø 5
- 1 N79 C/22 19 Ø 5
- 1 N80 C/22 19 Ø 5
- 1 N81 C/22 19 Ø 5
- 1 N82 C/22 19 Ø 5
- 1 N83 C/22 19 Ø 5
- 1 N84 C/22 19 Ø 5
- 1 N85 C/22 19 Ø 5
- 1 N86 C/22 19 Ø 5
- 1 N87 C/22 19 Ø 5
- 1 N88 C/22 19 Ø 5
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- 1 N91 C/22 19 Ø 5
- 1 N92 C/22 19 Ø 5
- 1 N93 C/22 19 Ø 5
- 1 N94 C/22 19 Ø 5
- 1 N95 C/22 19 Ø 5
- 1 N96 C/22 19 Ø 5
- 1 N97 C/22 19 Ø 5
- 1 N98 C/22 19 Ø 5
- 1 N99 C/22 19 Ø 5
- 1 N100 C/22 19 Ø 5

[illegible]

Corte A

Corte B

260
2 N1 Ø 8
C=275

277

2 N2 Ø 20 C=505

84

1 N3 Ø 20
(1 Ø 2aCAM)

C=260

14/40

150
2 N4 Ø 10
C=165

(2 Ø 2aCAM)

22 N7 Ø 8 C=110

13 N8 Ø 5 C=99

N7 C/22
15 Ø 8

N8 C/22
15 Ø 5

2 Ø 8
2x1 Ø 5

3 Ø 20

3 Ø 20

2 Ø 20

2 Ø 10

4 Ø 10

V318

P24

P9

(costela)

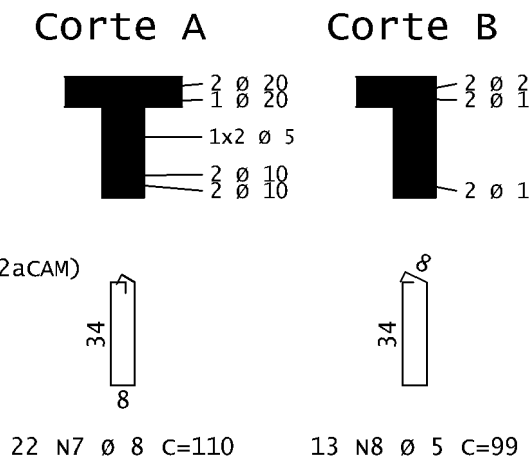
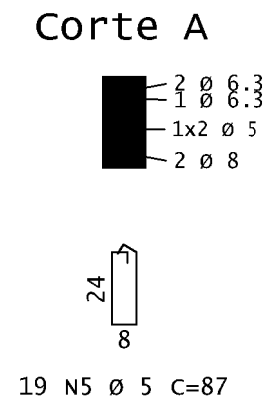
2x1 N9 Ø 5 C=444


(2 Ø 2aCAM)

2 N6 Ø 10 C=490

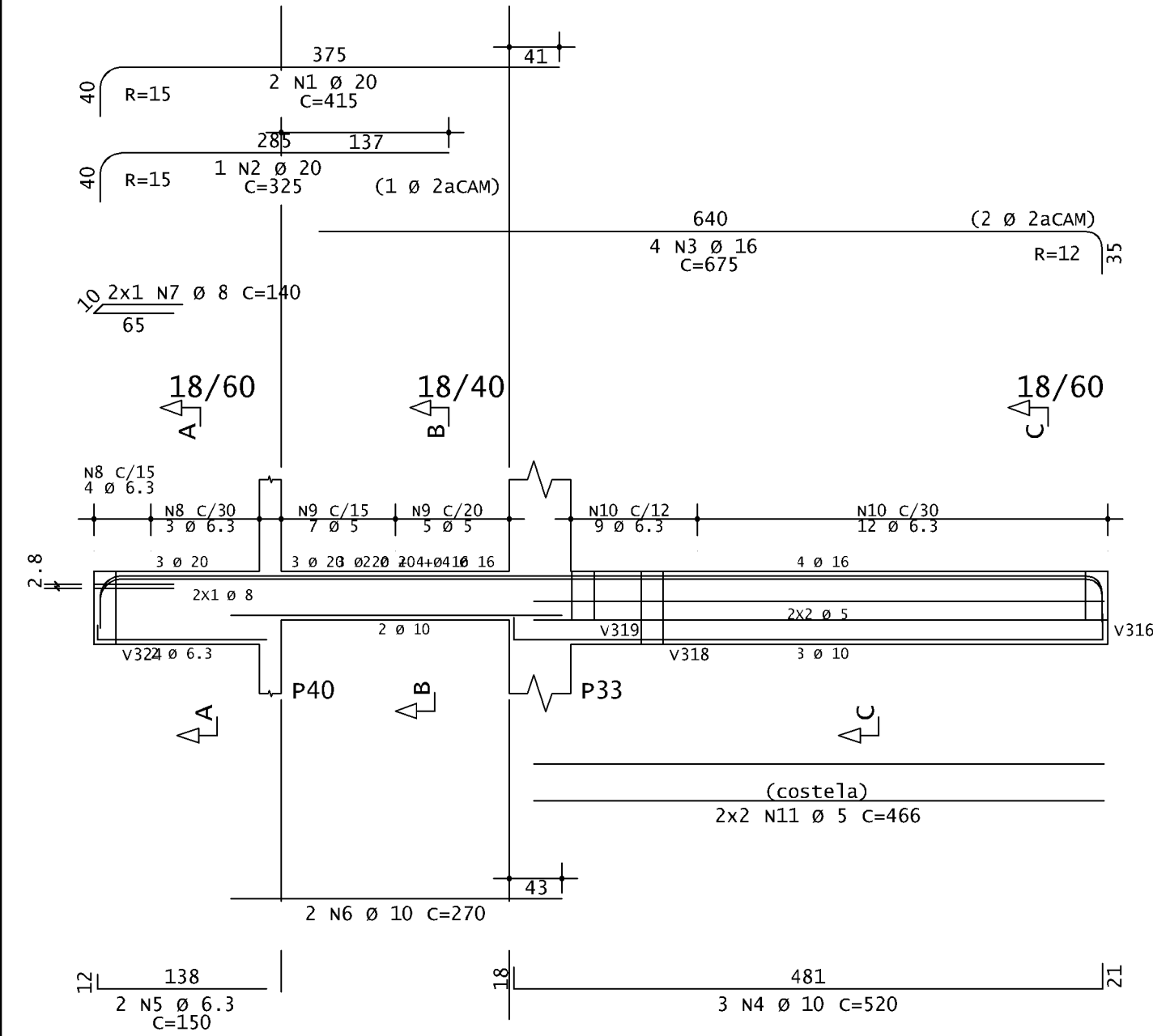
790

2 N5 Ø 10 C=805

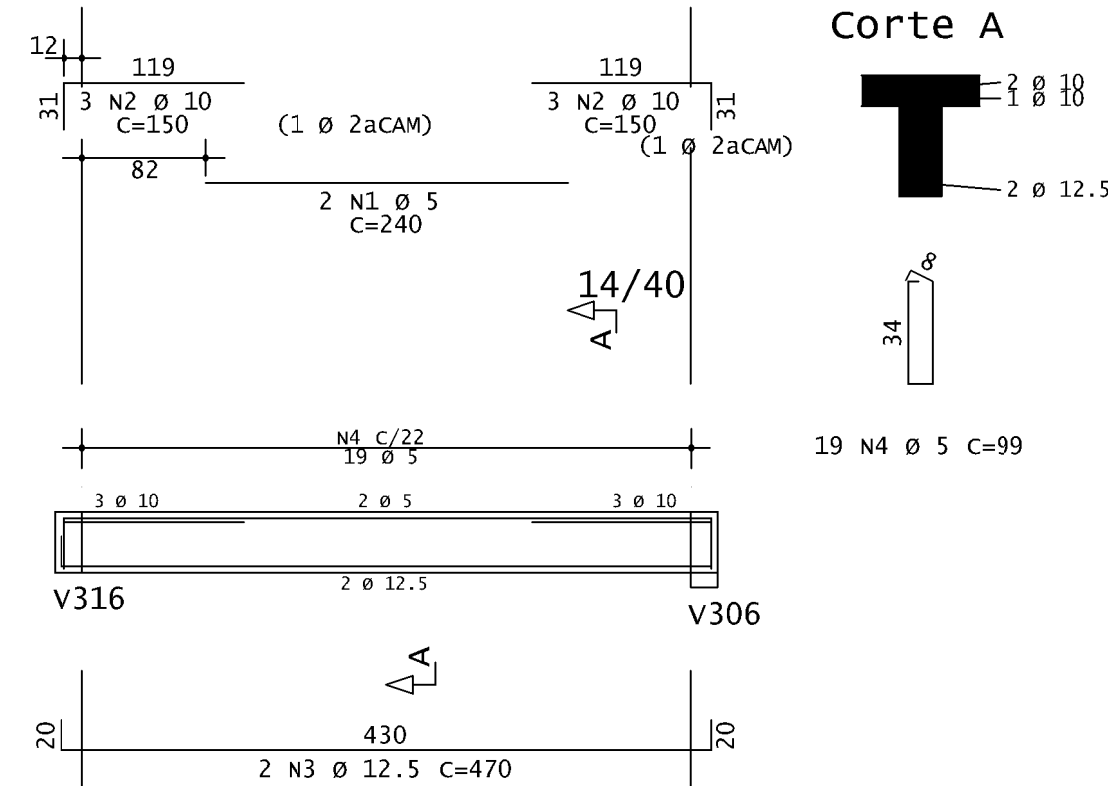
[illegible]

RUA: RUA LUÍZ ALVES, 86		BAIRRO: CENTRO	
LOTES: 0185	QUADRA: 059	INDICE PTU: 01.1.059.0185.01	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTÉUDO: _____		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.899.370/0001-12	
RESPONSÁVEL TÉCNICO		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREATING - 359.989-D	
SAVISOIR@LJ.NGBOREAL.COM		(37) 9.867.9154	
ORIENTAENG@CONSULTORIA@GMAIL.COM		(37) 9.9096-7370	
		FOLHA _____ DE _____	
		FONECE ASSINADO	

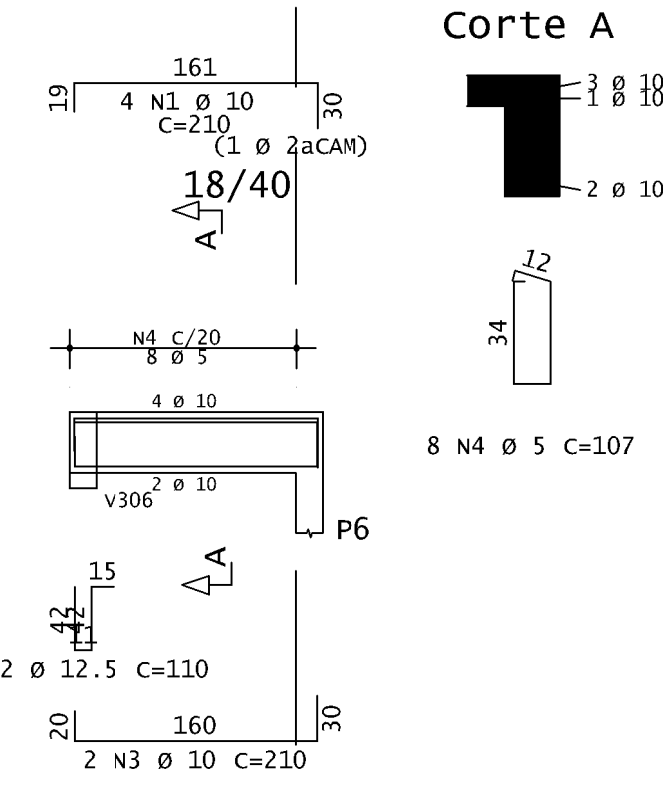
v346



v347



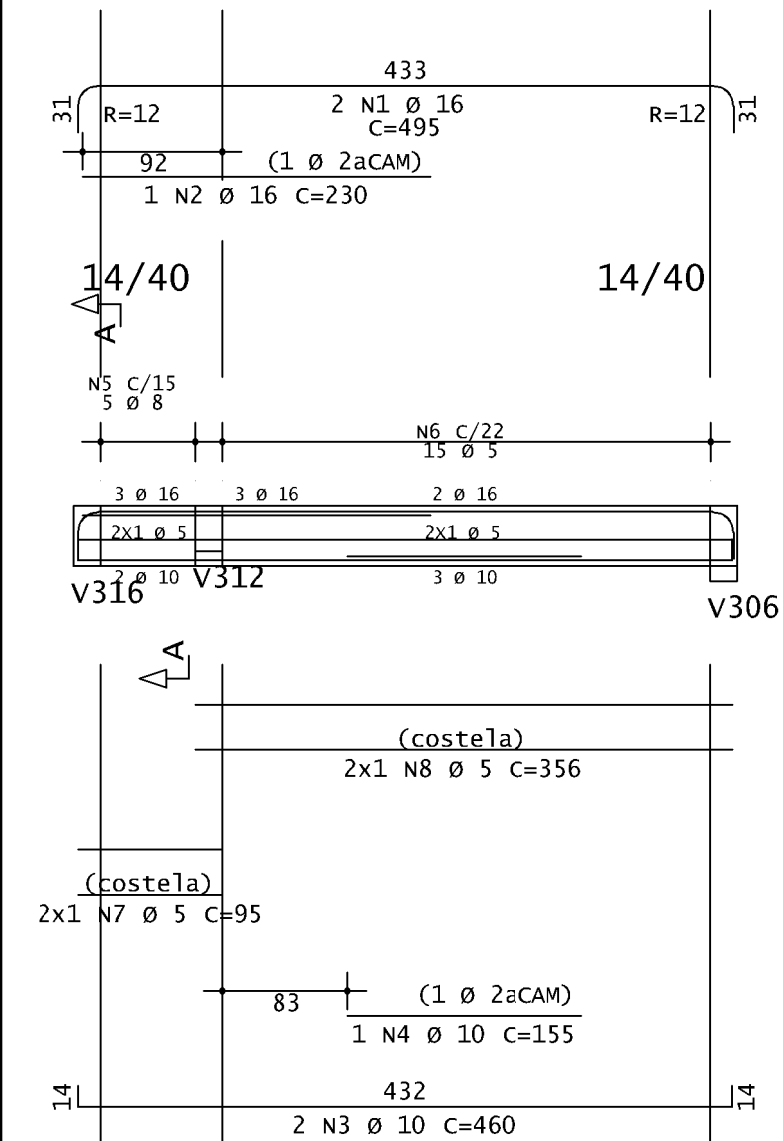
v348



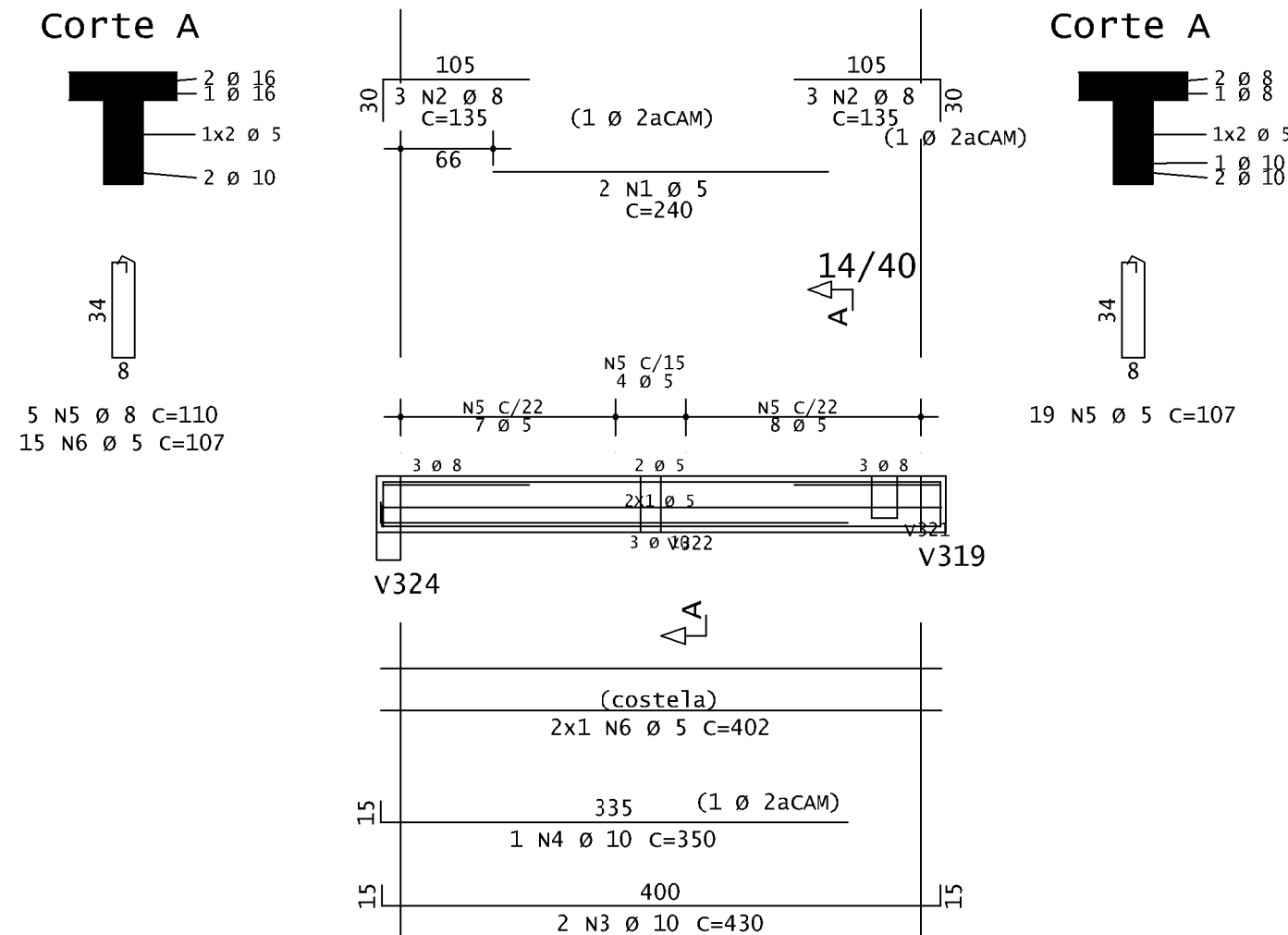
	AÇO	POS	BIT		QUANT	COMPRIMENTO	
			mm			UNIT	TOTAL
						cm	cm
V346	50A	1	20	2	415	830	
	50A	2	20	1	325	325	
	50A	3	16	4	675	2700	
	50A	4	10	3	520	1560	
	50A	5	6,3	2	150	300	
	50A	6	10	2	270	540	
	50A	7	8	2	140	280	
	50A	8	6,3	7	148	1036	
	60A	9	5	12	107	960	
	60A	10	6,3	22	160	3360	
60A	11	5	4	466	1864		
V347	60A	1	5	2	240	480	
	50A	2	10	6	150	900	
	50A	3	12,5	4	470	940	
	60A	4	5	19	99	1881	
V348	50A	1	10	4	210	840	
	50A	2	12,5	2	110	220	
	50A	3	10	2	210	420	
	60A	4	5	8	107	856	
V349	50A	1	16	2	495	990	
	50A	2	16	1	230	230	
	50A	3	10	2	460	920	
	50A	4	10	1	155	155	
	50A	5	8	5	110	550	
	60A	6	5	15	107	1605	
	60A	7	5	2	95	190	
	60A	8	5	2	356	712	
V350	60A	1	5	2	240	480	
	50A	2	8	6	135	810	
	50A	3	10	2	430	860	
	50A	4	10	1	350	350	
	60A	5	5	19	107	2033	
	60A	6	5	2	402	804	
V351	50A	1	16	2	452	904	
	50A	2	16	2	170	340	
	50A	3	16	3	285	855	
	50A	4	10	2	470	940	
	50A	5	10	2	260	520	
	60A	6	8	11	90	990	
	60A	7	5	15	87	1305	
V352	60A	1	5	2	290	580	
	50A	2	10	2	420	840	
	50A	3	10	2	395	790	
	50A	4	10	3	230	690	
	50A	5	10	2	850	1700	
	50A	6	10	2	260	520	
	60A	7	5	36	99	3564	
V353	50A	1	10	3	220	660	
	60A	2	5	2	280	560	
	50A	3	10	1	460	920	
	50A	4	10	1	320	320	
	50A	5	5	4	119	476	
	60A	6	5	17	107	1819	
	60A	7	5	2	95	190	
V354	60A	1	5	2	300	600	
	50A	2	10	3	160	480	
	50A	3	10	2	430	860	
	50A	4	10	1	250	250	
	60A	5	5	25	87	2175	
V355	50A	1	10	3	205	615	
	50A	2	10	2	190	380	
	60A	3	5	9	87	873	
	60A	4	5	5	119	595	

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	242	37
50A	6,3	47	10
50A	8	26	10
50A	10	164	101
50A	12,5	12	11
50A	16	60	95
50A	20	12	28
Peso Total		60A =	37 kgf
Peso Total		50A =	258 kgf

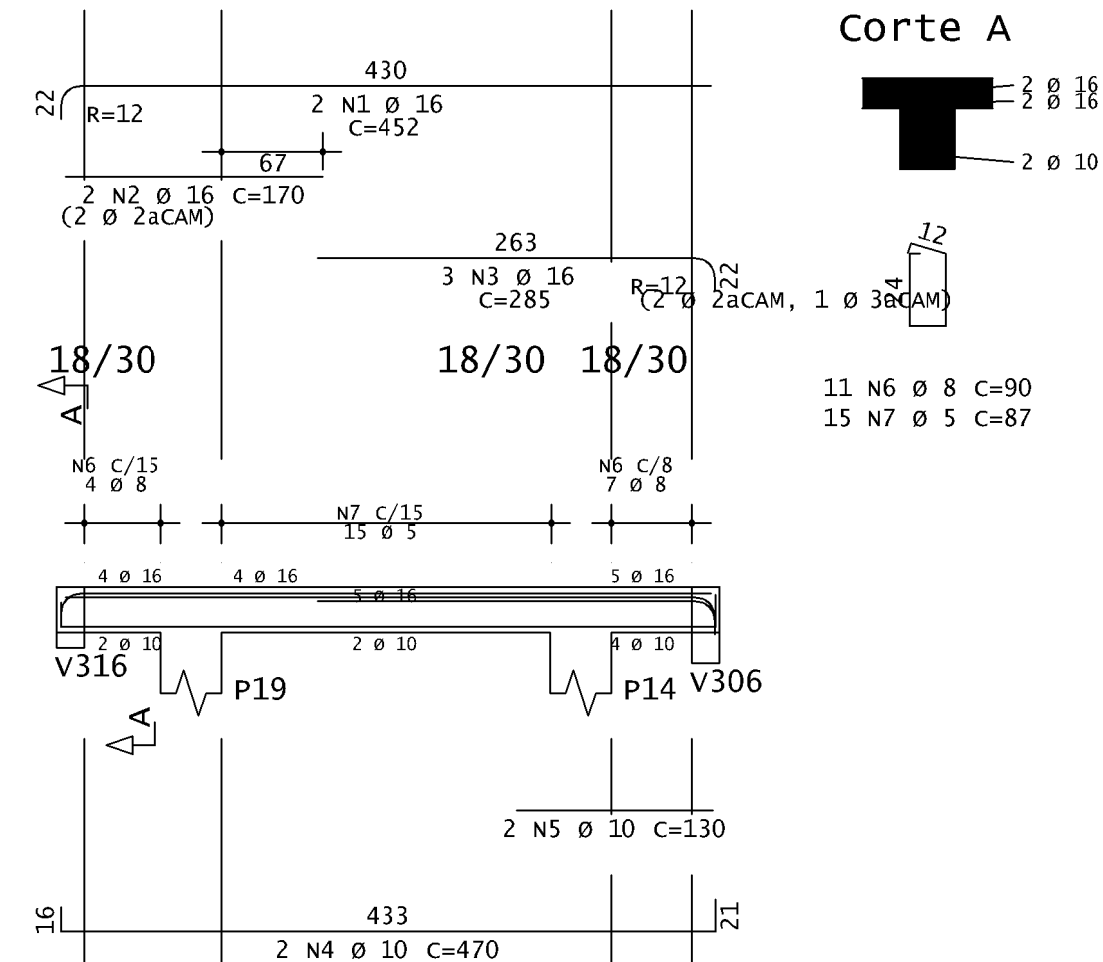
v349



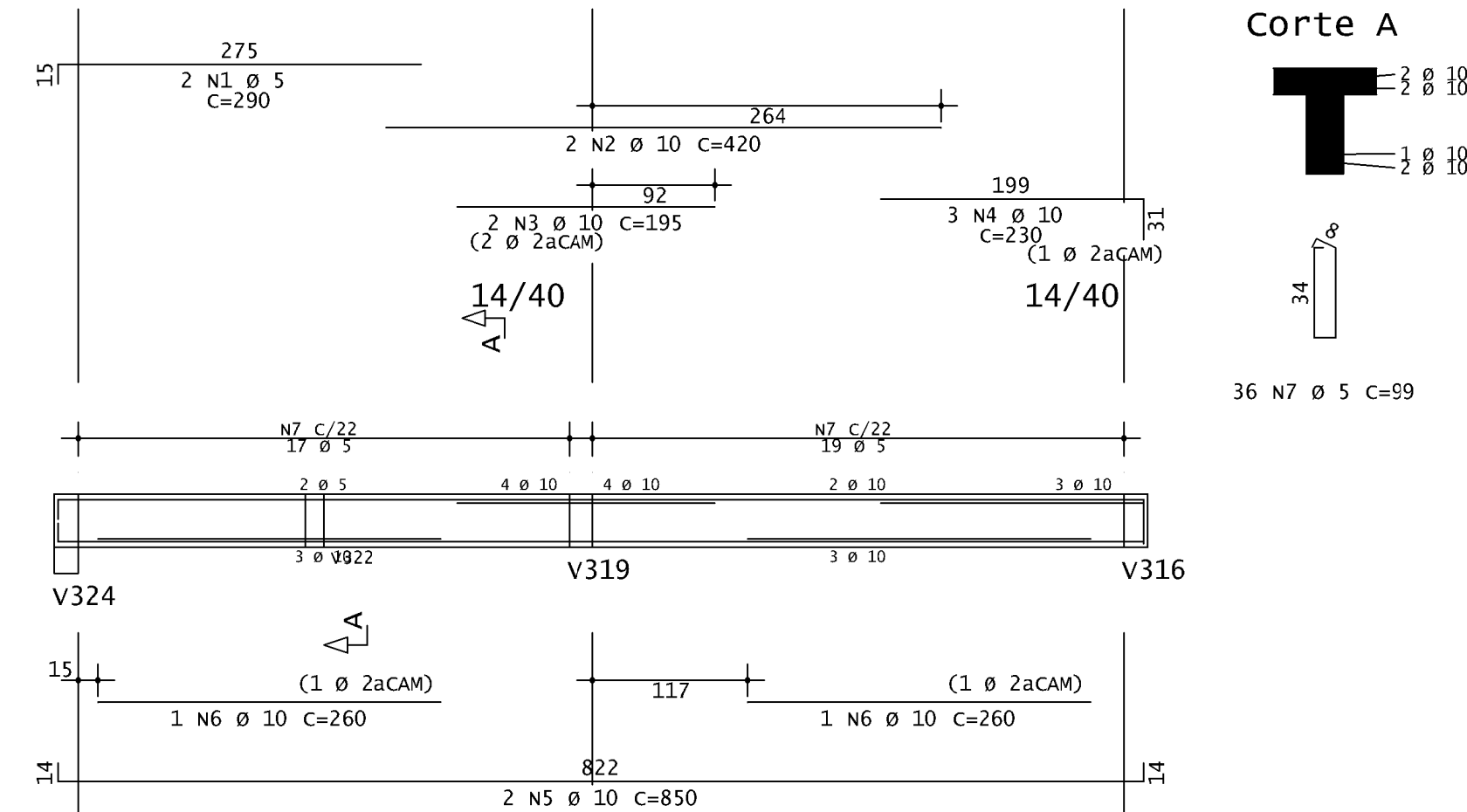
v350



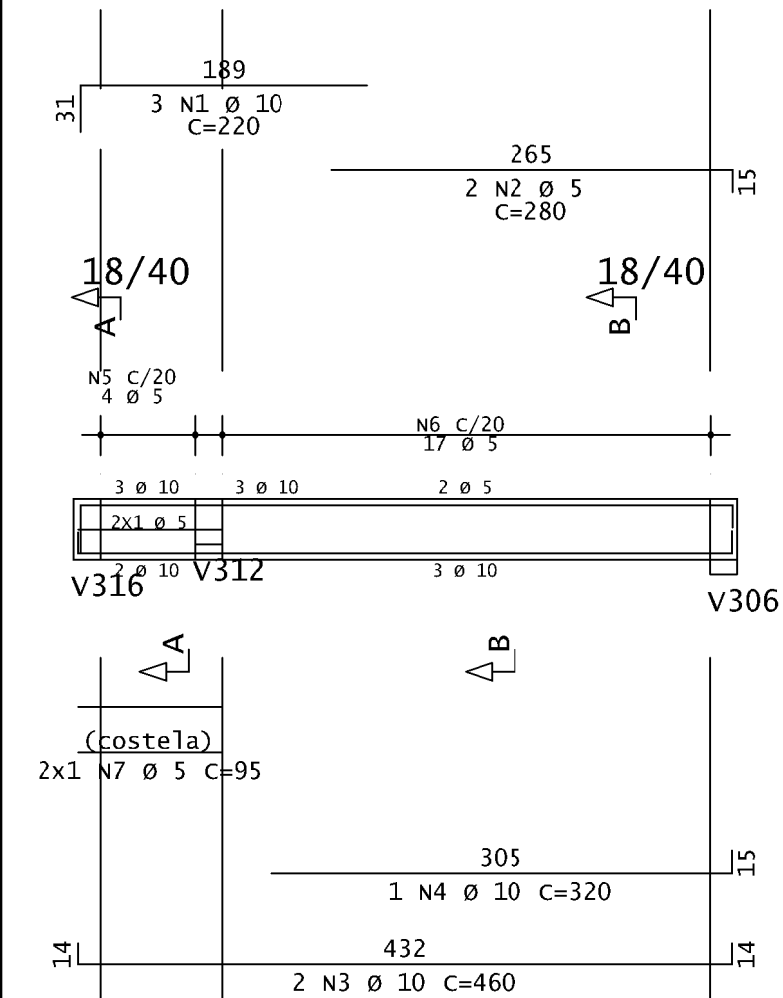
v351



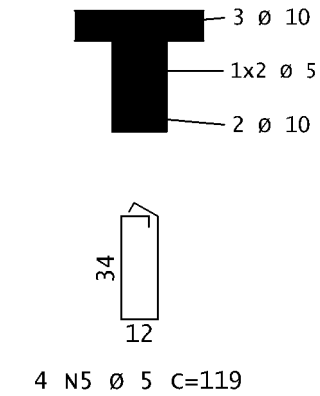
v352



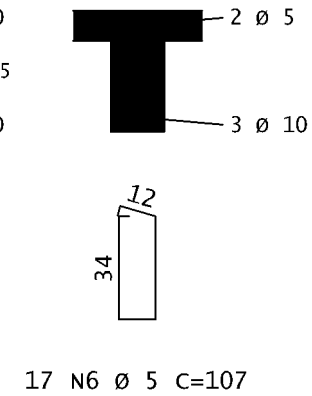
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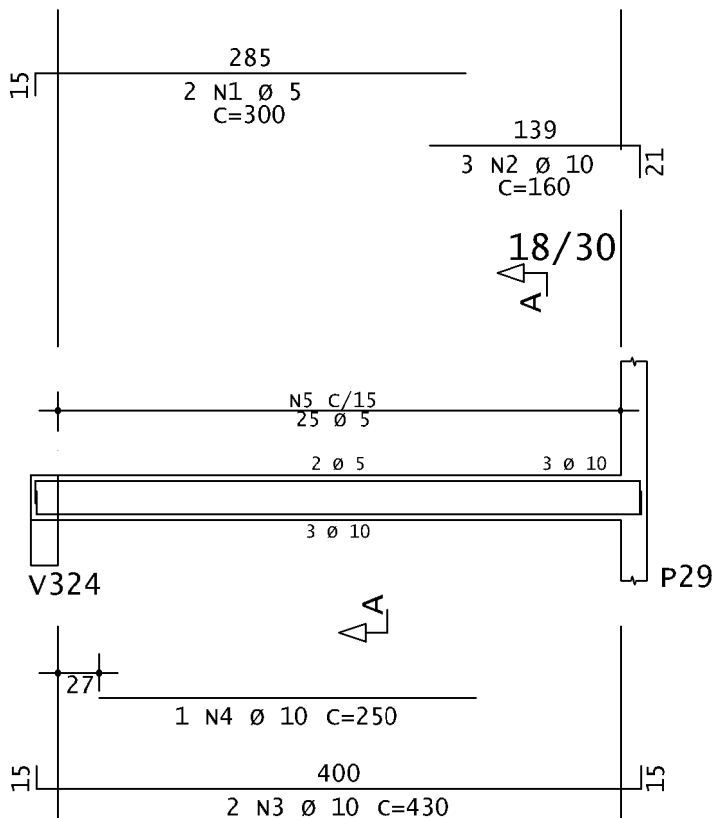
Corte A



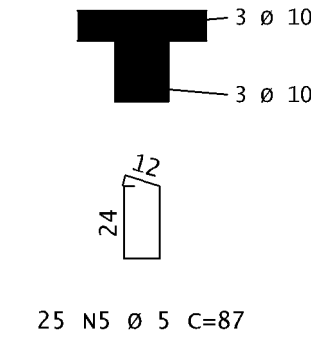
Corte B



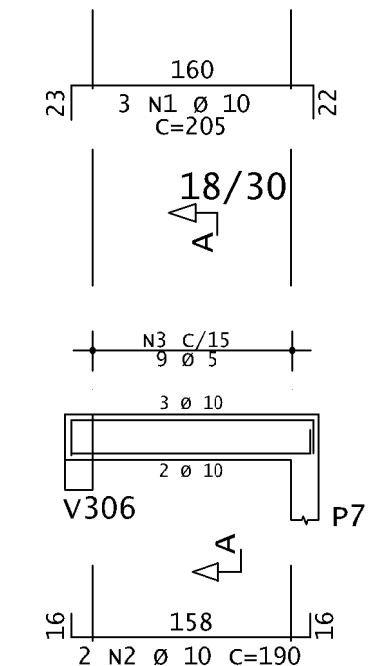
v354



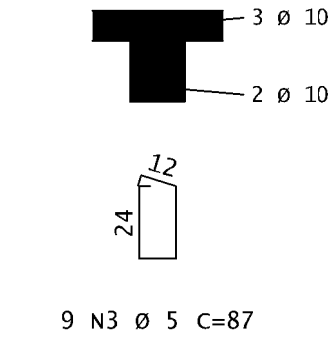
Corte A



v355

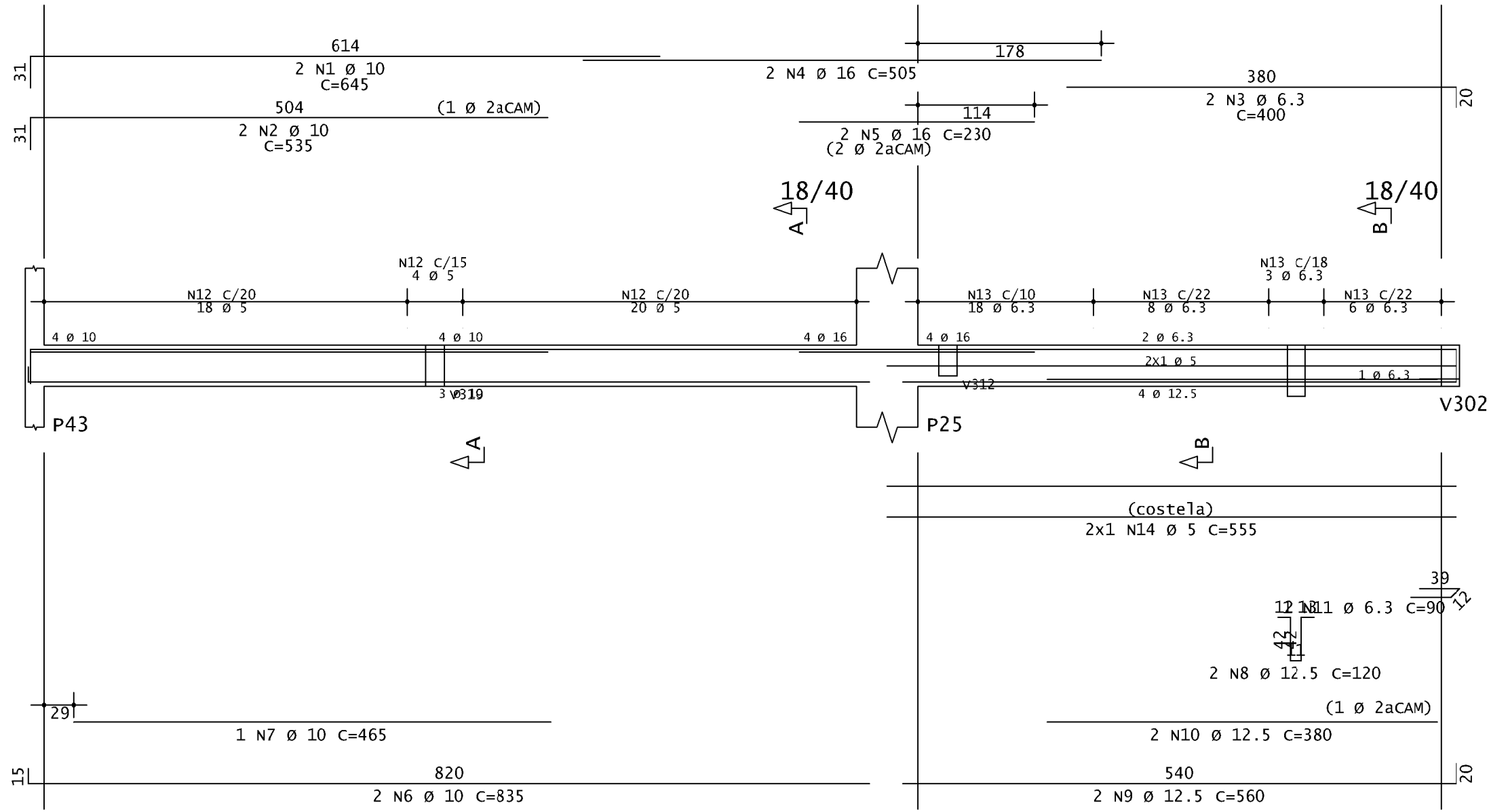


Corte A

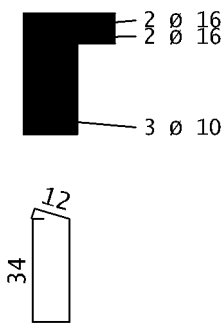


RUA: RUA LUÍZ ALVES, 86		BARRIO: CENTRO	
LOTES: 0135	QUADRA: 059	INDICE FTU: 011 659 018/001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO: _____		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.896.370/0001-10	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL SAVIO@RSAL.ENG@GMAIL.COM ORIENTAÇÃO@RSAL.TOR@GMAIL.COM		CREA/ENG - 359.969 D (37) 9.8827-9134 (37) 9.8996-7310	

v356

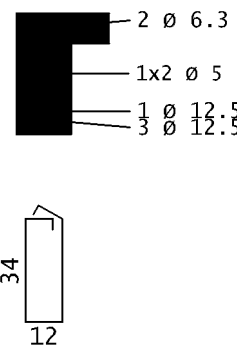


Corte A



42 N12 Ø 5 C=107

Corte B



35 N13 Ø 6.3 C=120

V356	AÇO	POS	BIT	QUANT	COMPRIMENTO	
			mm		UNIT	TOTAL
					cm	cm
	50A	1	10	2	645	1290
	50A	2	10	2	535	1070
	50A	3	6.3	2	400	800
	50A	4	16	2	505	1010
	50A	5	16	2	230	460
	50A	6	10	2	835	1670
	50A	7	10	1	465	465
	50A	8	12.5	2	120	240
	50A	9	12.5	2	560	1120
	50A	10	12.5	2	380	760
	50A	11	6.3	1	90	90
	60A	12	5	42	107	4494
	50A	13	6.3	35	120	4200
	60A	14	5	2	555	1110

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	55	9
50A	6.3	51	12
50A	10	45	28
50A	12.5	21	20
50A	16	15	23
Peso Total		60A =	9 kgf
Peso Total		50A =	84 kgf

PROJETO

RUA: RUA LUÍZ ALVES, 88

LOTE: 0188

TÍTULO: PROJETO ESTRUTURAL

CONTEÚDO:

BARRIO: CENTRO

QUADRA: 059

USO: INSTITUCIONAL

DATA: 04/10/2025

ÍNDICE PIV: 01.1.059.0188.001

RESPONSÁVEIS

PROPRIETÁRIO: CÂMARA MUNICIPAL DE MARTINHO CAMPOS

RESPONSÁVEL TÉCNICO: CREA

SÁVIO VINÍCIUS ISRAEL
SAVIOISRAEL.ENG@GMAIL.COM
ORIENTAENG CONSULTORIA@GMAIL.COM

CPF / CNPJ: 23.886.370/0001-12

CREA: 039.989-D

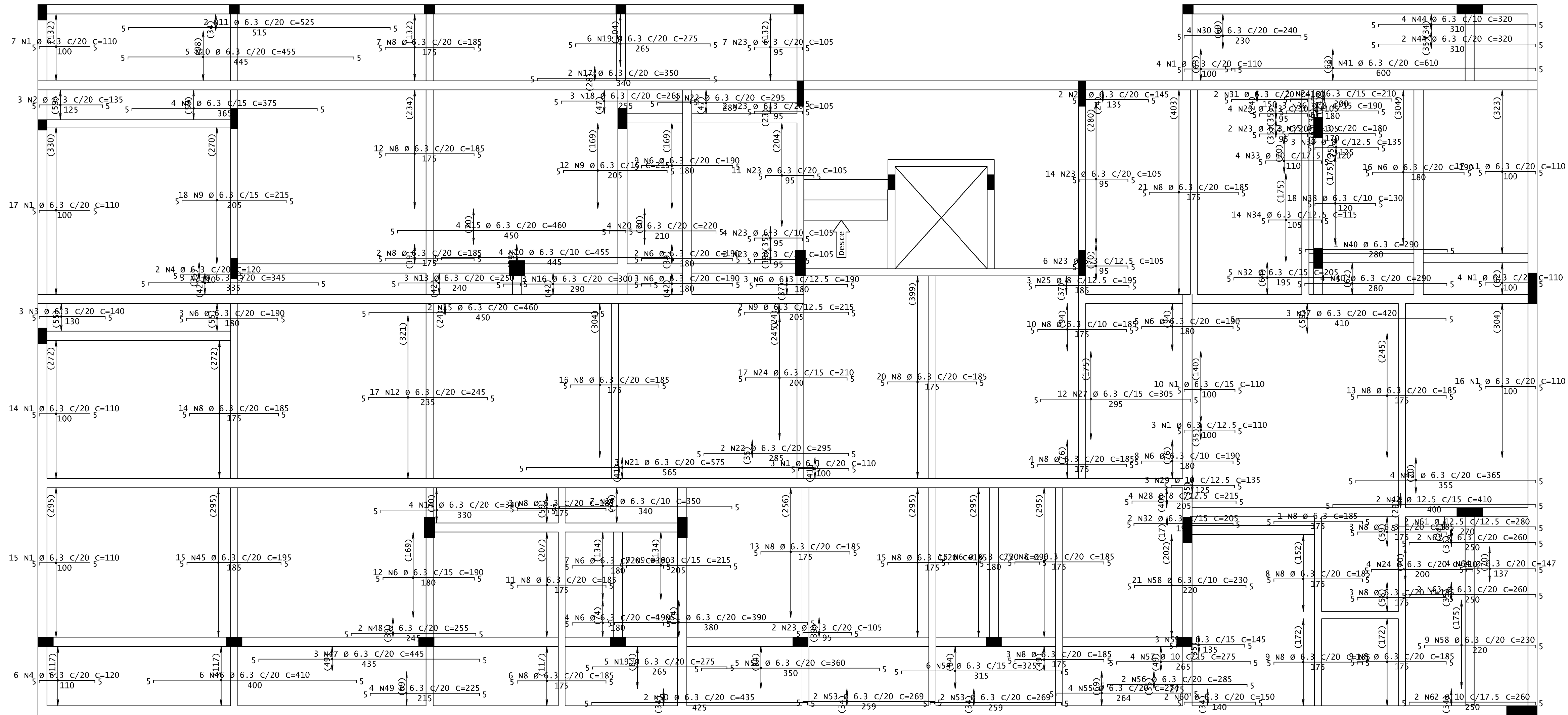
(37) 9.8827-9134
(37) 9.9996-7310

FECHA:

PROJETO CAMARA

Segundo - Armadura negativa principal

1x



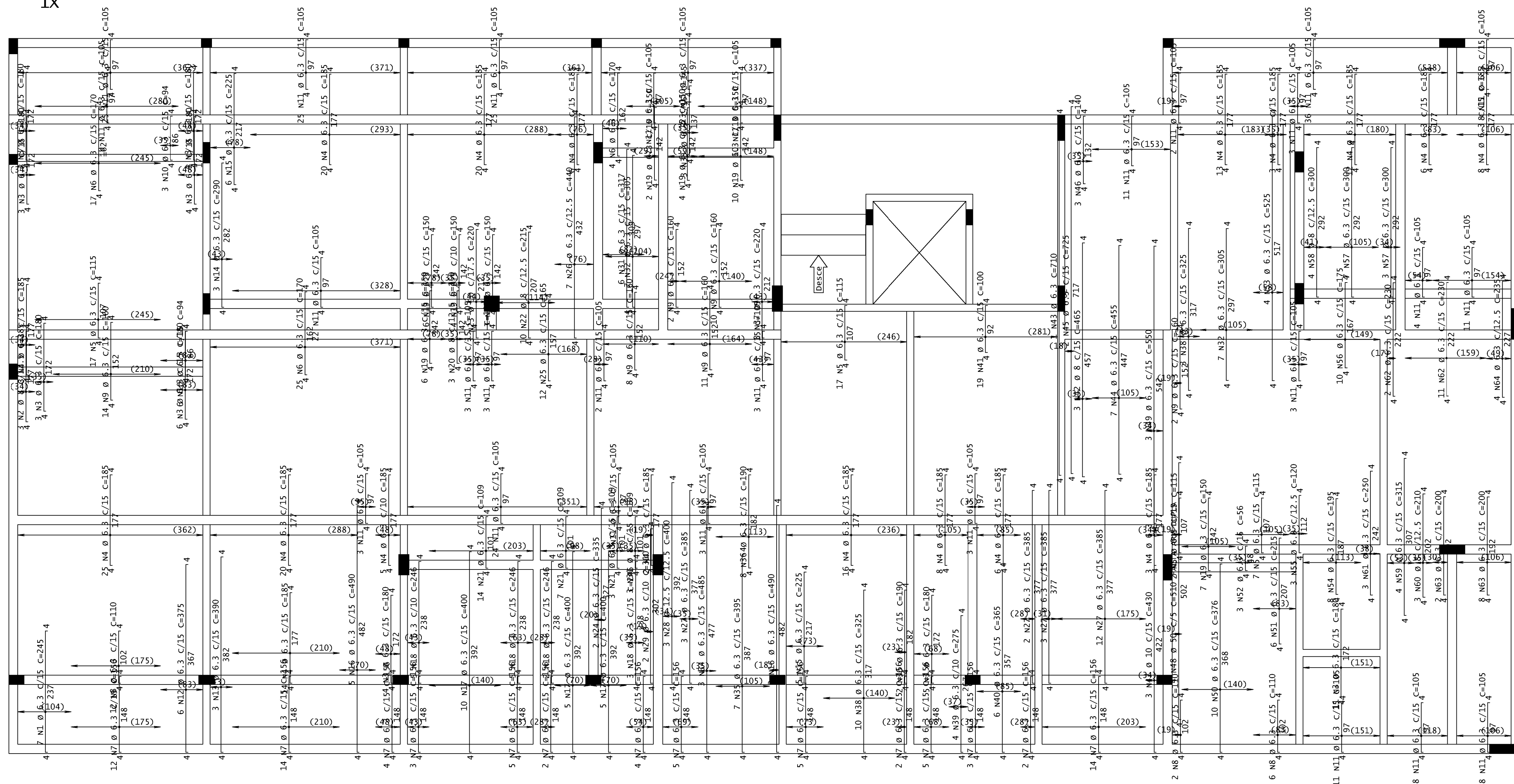
AÇO	POS	BIT	QUANT	COMPRIMENTO	
		mm		UNIT	TOTAL
				cm	cm
Segundo - Armadura negativa principal					
50A	1	6.3	110	110	12100
50A	2	6.3	3	135	405
50A	3	6.3	3	140	420
50A	4	6.3	8	120	960
50A	5	6.3	4	375	1500
50A	6	6.3	87	190	16530
50A	7	6.3	3	345	1035
50A	8	6.3	218	185	40330
50A	9	6.3	41	215	8815
50A	10	6.3	9	455	4095
50A	11	6.3	2	525	1050
50A	12	6.3	17	245	4165
50A	13	6.3	3	250	750
50A	14	6.3	4	340	1360
50A	15	6.3	6	460	2760
50A	16	6.3	3	300	900
50A	17	6.3	9	350	3150
50A	18	6.3	3	265	795
50A	19	6.3	11	275	3025
50A	20	6.3	4	220	880
50A	21	6.3	3	575	1725
50A	22	6.3	5	295	1475
50A	23	6.3	54	105	5670
50A	24	6.3	23	210	4830
50A	25	8	3	195	585
50A	26	6.3	2	145	290
50A	27	6.3	12	205	3660
50A	28	8	4	215	860
50A	29	10	3	135	405
50A	30	6.3	4	240	960
50A	31	6.3	2	160	320
50A	32	6.3	7	205	1435
50A	33	10	4	120	480
50A	34	6.3	14	115	1610
50A	35	6.3	2	180	360
50A	36	6.3	3	190	570
50A	37	6.3	3	420	1260
50A	38	6.3	18	130	2340
50A	39	8	3	135	405
50A	40	6.3	5	290	1450
50A	41	6.3	4	610	2440
50A	42	12.5	2	410	820
50A	43	6.3	4	365	1460
50A	44	6.3	6	320	1920
50A	45	6.3	15	195	2925
50A	46	6.3	6	410	2460
50A	47	6.3	3	445	1335
50A	48	6.3	2	255	510
50A	49	6.3	4	225	900
50A	50	6.3	2	435	870
50A	51	6.3	4	390	1560
50A	52	6.3	5	360	1800
50A	53	6.3	4	269	1076
50A	54	6.3	6	325	1950
50A	55	6.3	4	274	1096
50A	56	6.3	2	285	570
50A	57	10	4	275	1100
50A	58	6.3	30	230	6900
50A	59	6.3	3	145	435
50A	60	6.3	2	150	300
50A	61	12.5	2	280	560
50A	62	10	2	260	520
50A	63	6.3	4	260	1040
50A	64	6.3	4	147	588

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6.3	1645	403
50A	8	24	10
50A	10	25	15
50A	12.5	14	13
Peso Total 50A =			441 kgf

PROJETO			
RUA: RUA LUIZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188	QUADRA: 089	ÍNDICE PIV: 01.1.059.0188.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÁMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SAÍDO VINÍCIUS ISRAEL		CREA/ING - 398.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	
FELIX		FELIX	
ESPONSORES		ESPONSORES	

Segundo - Armadura negativa secundaria

1x



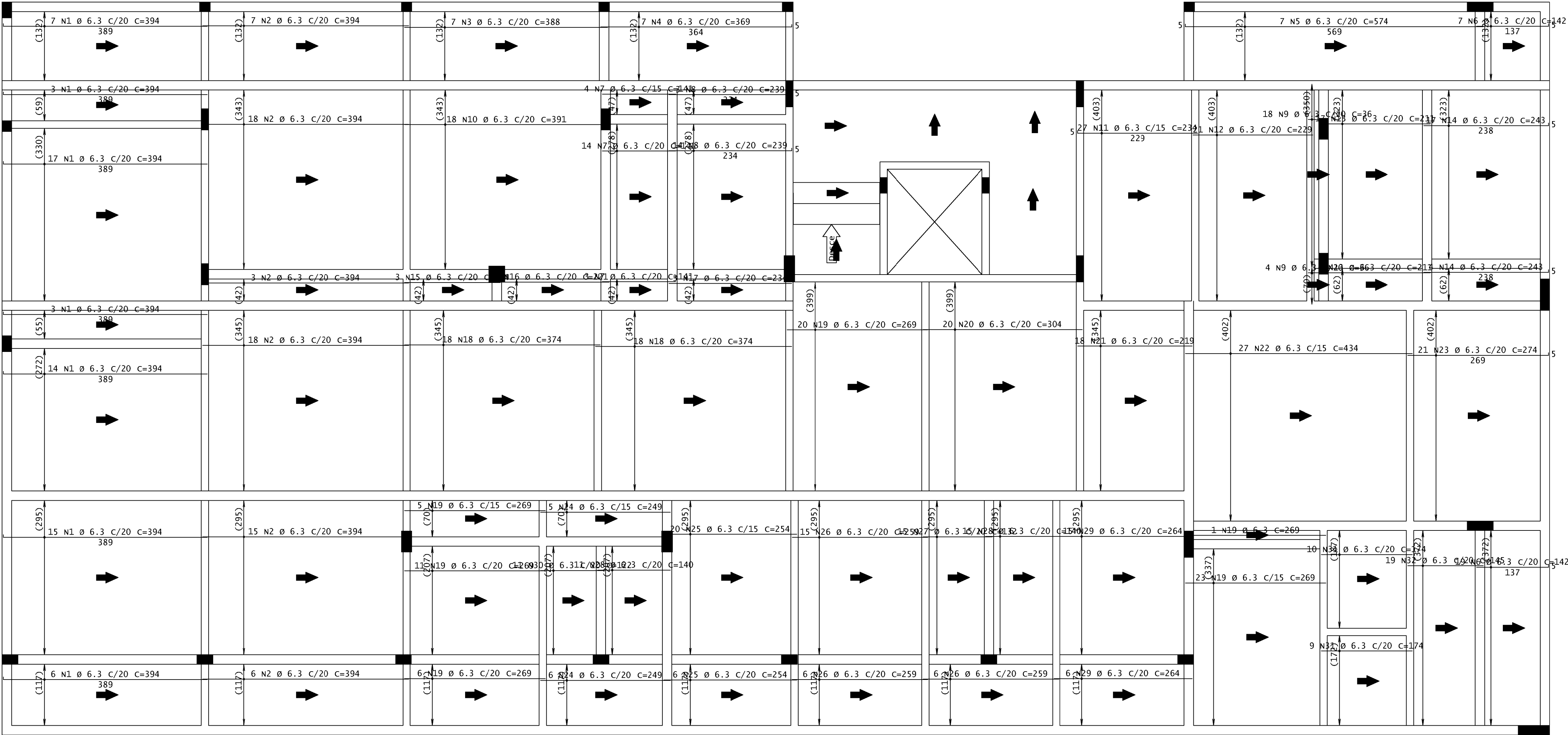
AÇO	POS	BIT	QUANT	COMPROMENTO		
				UNIT	TOTAL	
				mm	cm	
Segundo – Armadura negativa secundária						
	50A	6,3	7	245	1715	
	50A	2	8	3	185	555
	50A	3	6,3	43	180	7740
	50A	4	6,3	190	185	35150
	50A	5	6,3	43	115	4945
	50A	6	6,3	46	170	7820
	50A	7	6,3	80	156	12488
	50A	8	6,3	20	110	2200
	50A	9	6,3	47	160	7520
	50A	10	6,3	9	94	846
	50A	11	6,3	312	105	32760
	50A	12	6,3	6	375	2250
	50A	13	6,3	3	390	1170
	50A	14	6,3	3	290	870
	50A	15	6,3	11	225	2475
	50A	16	6,3	7	490	3430
	50A	17	6,3	20	400	8000
	50A	18	6,3	15	246	3690
	50A	19	6,3	42	150	6300
	50A	20	8	3	150	450
	50A	21	6,3	24	109	2616
	50A	22	8	10	215	2150
	50A	23	10	3	220	660
	50A	24	6,3	2	335	670
	50A	25	6,3	12	165	1980
	50A	26	6,3	7	440	3080
	50A	27	6,3	3	385	1155
	50A	28	12,5	3	400	1200
	50A	29	6,3	2	310	620
	50A	30	8	3	109	327
	50A	31	6,3	16	317	1902
	50A	32	6,3	14	305	4270
	50A	33	6,3	3	145	435
	50A	34	6,3	3	485	1455
	50A	35	6,3	7	395	2765
	50A	36	6,3	10	190	1900
	50A	37	6,3	3	220	660
	50A	38	6,3	13	325	4225
	50A	39	6,3	4	275	1100
	50A	40	6,3	6	365	2190
	50A	41	6,3	10	100	1000
	50A	42	8	3	465	1395
	50A	43	6,3	1	710	710
	50A	44	6,3	7	455	3185
	50A	45	6,3	3	725	1455
	50A	46	6,3	3	140	420
	50A	47	10	3	430	1290
	50A	48	50	4	510	2040
	50A	49	6,3	3	550	1650
	50A	50	6,3	10	376	1760
	50A	51	6,3	6	215	1290
	50A	52	6,3	3	56	168
	50A	53	6,3	4	525	2100
	50A	54	6,3	8	195	1560
	50A	55	6,3	3	120	360
	50A	56	6,3	10	175	1750
	50A	57	6,3	10	300	3000
	50A	58	8	4	300	1200
	50A	59	6,3	4	315	1260
	50A	60	8	3	210	630
	50A	61	6,3	3	250	750
	50A	62	6,3	13	200	2990
	50A	63	6,3	10	200	2000
	50A	64	6,3	4	235	940

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6.3	2102	515
50A	8	67	26
50A	10	20	12
50A	12.5	12	12
Peso Total	50A =		565 kgf

RUA: RUA LUIZ ALVES, 86		PROJETO	
LOTES: 0158	QUADRA: 059	MARINHO CENTRO	
TÍTULO: PROJETO ESTRUTURAL		ÍNDICE PTU: 01 1.559/01.55.001	
CONTEÚDO:		USO: INSTITUCIONAL	
		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.896.370/0001-12	CELIA
RESPONSÁVEL TÉCNICO:		CREA:	
SAYO VINICIUS ISRAEL SAYOISRAEL.ENG@GMAIL.COM ORIENTADORA CONSULTORIA@GMAIL.COM		CREATING - 369.989 D (37) 9.1807/9754 (37) 9.9996-7370	TECNICO/A ARQUITETO EST. PROJETO CÂMARA


Segundo - Armadura positiva principal

1x



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
				cm	cm
Segundo - Armadura positiva principal					
50A	1	6.3	65	394	25610
50A	2	6.3	67	394	26398
50A	3	6.3	7	388	2716
50A	4	6.3	7	369	2583
50A	5	6.3	7	574	4018
50A	6	6.3	26	142	3692
50A	7	6.3	21	141	2961
50A	8	6.3	17	239	4063
50A	9	6.3	22	36	792
50A	10	6.3	18	391	7038
50A	11	6.3	27	234	6318
50A	12	6.3	21	229	4809
50A	13	6.3	21	211	4431
50A	14	6.3	21	243	5103
50A	15	6.3	3	184	552
50A	16	6.3	3	221	663
50A	17	6.3	3	234	702
50A	18	6.3	36	374	13464
50A	19	6.3	66	269	17754
50A	20	6.3	20	304	6080
50A	21	6.3	18	219	3942
50A	22	6.3	27	434	11718
50A	23	6.3	21	274	5754
50A	24	6.3	11	249	2739
50A	25	6.3	26	254	6604
50A	26	6.3	27	259	6993
50A	27	6.3	15	132	1980
50A	28	6.3	26	140	3640
50A	29	6.3	21	264	5544
50A	30	6.3	11	122	1342
50A	31	6.3	19	174	3306
50A	32	6.3	19	145	2755

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	
50A	6.3	1961	480
Peso Total		50A =	480 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO		
LOTES: 0185	QUADRA: 059	ÍNDICE PIV: 01.1.059.0185.001	
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL		
CONTEÚDO:			DATA: 04/10/2025
RESPONSÁVEIS			
	PROPRIETÁRIO: CPF / CNPJ:		
	CÁMARA MUNICIPAL DE MARTINHO CAMPOS 23.886.370/0001-12		
	RESPONSÁVEL TÉCNICO: CREA:		
	SÁVIO VINÍCIUS ISRAEL CREA/ING - 259.989-D SAVIOISRAEL.ENG@GMAIL.COM (37) 9.8827-9134 ORIENTAENG CONSULTORIA@GMAIL.COM (37) 9.9996-7310		
TITULO DO PROJETO: PROJETO CAMPA			FECHA:

1x

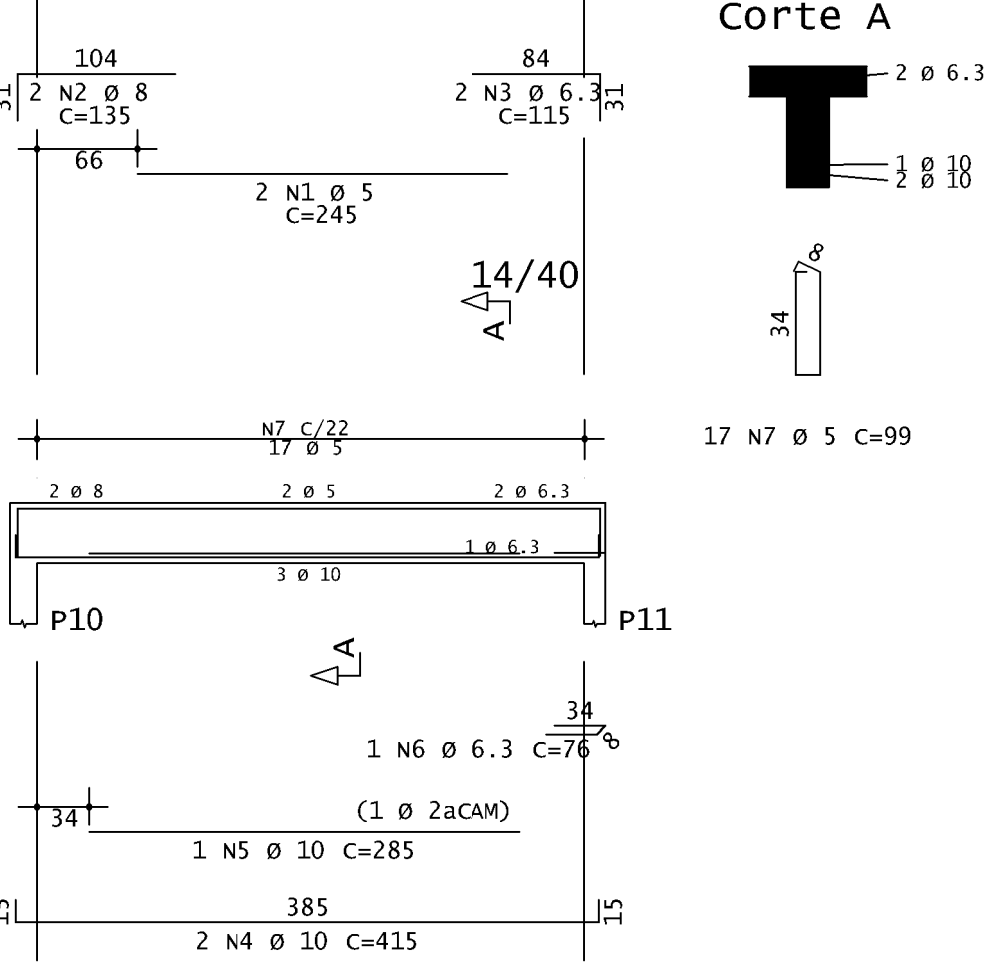


RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6.3	2457	602
50A	8	73	29
50A	10	77	48
Peso Total	50A =		679 kgf

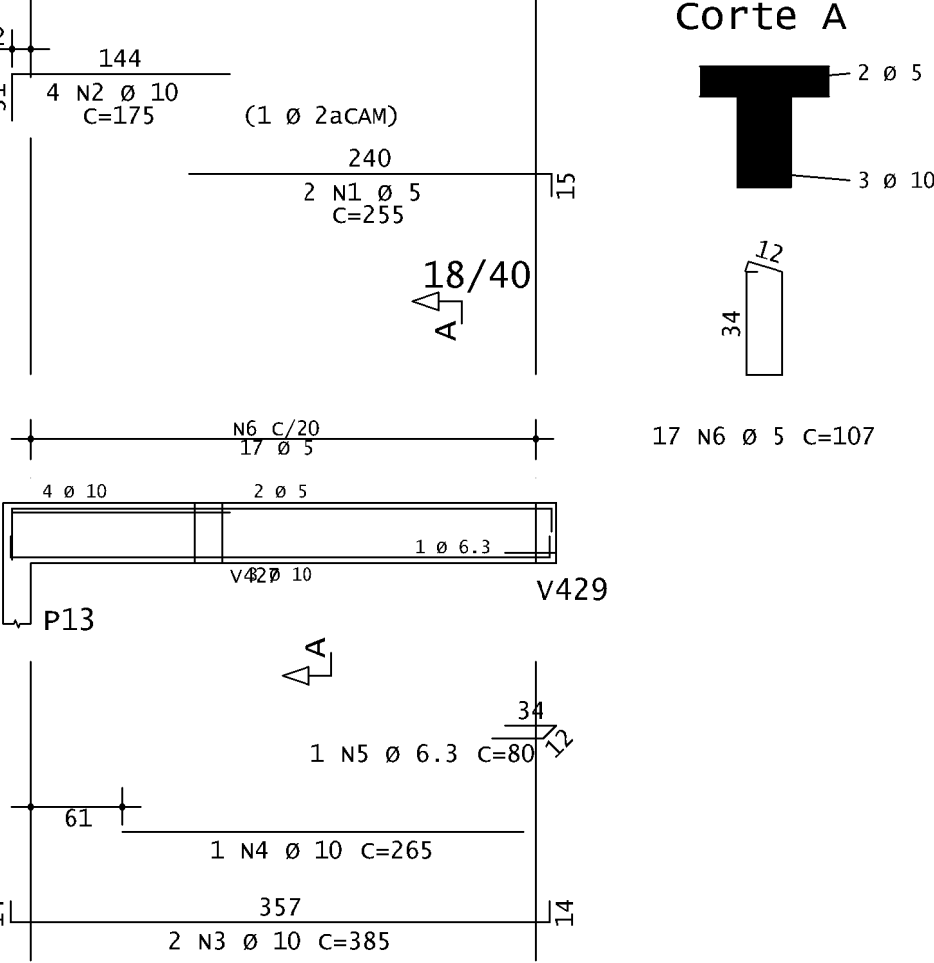
FORM

TIPO NOME ARQUIVO:
EST - PROJETO CÂMARA

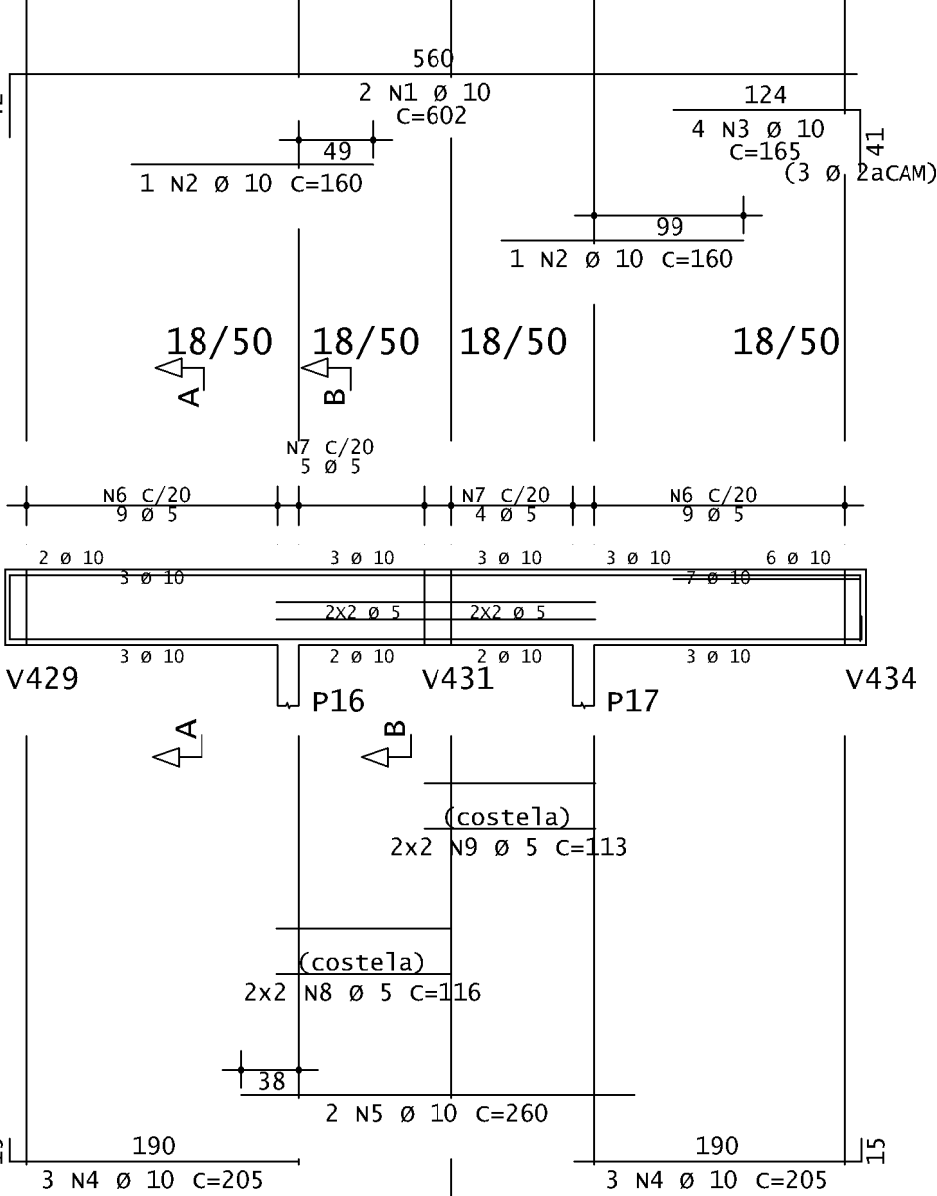
v402



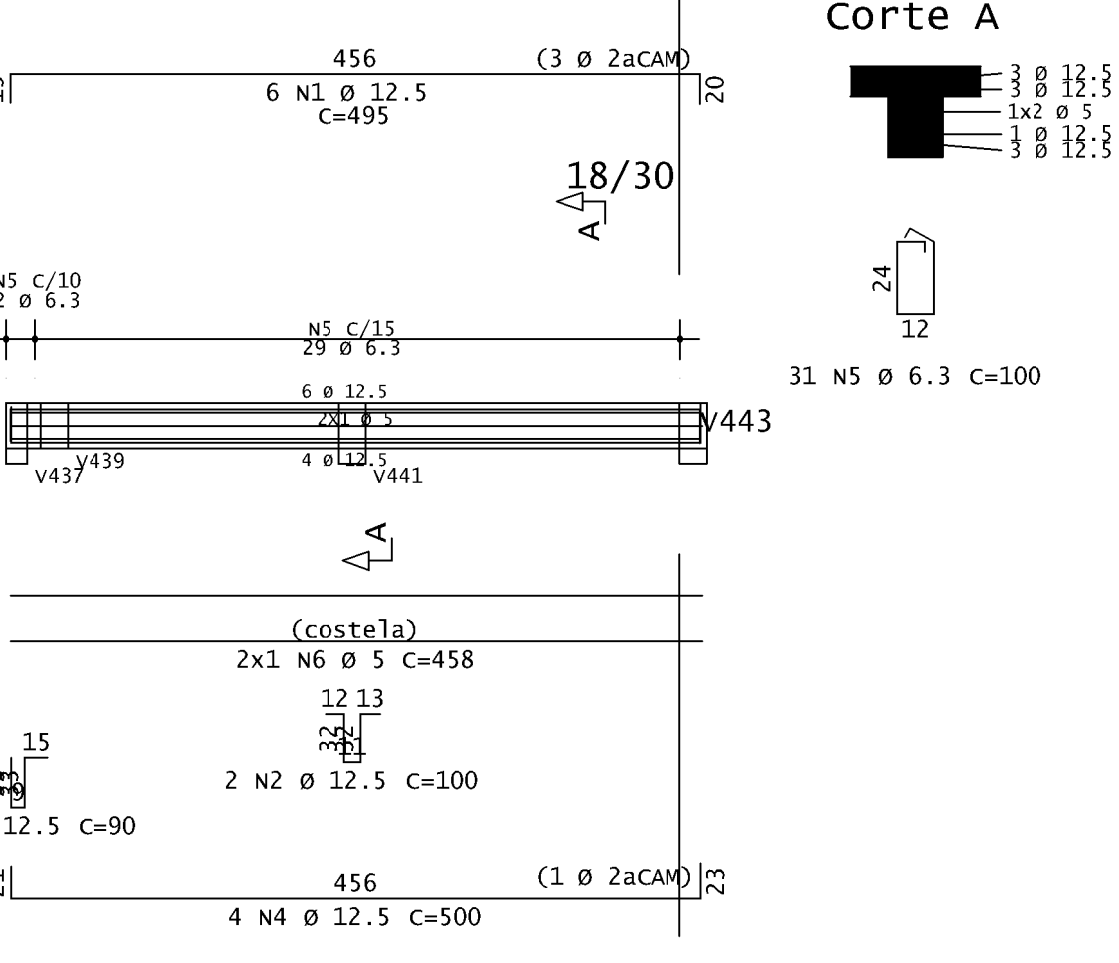
v403



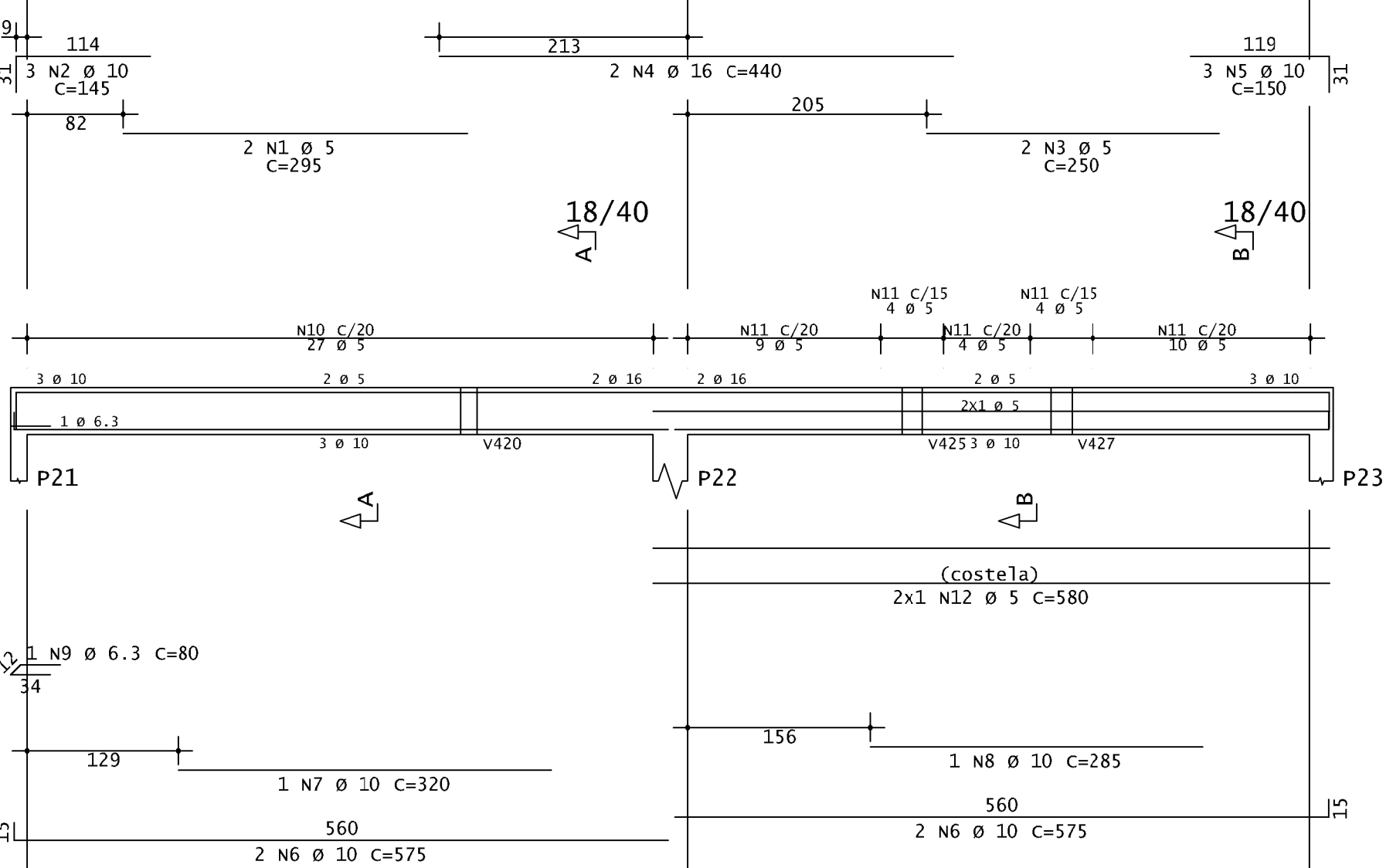
v404



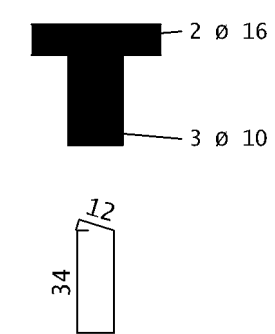
v405



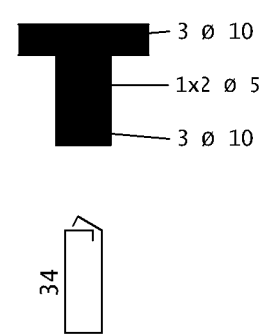
v406



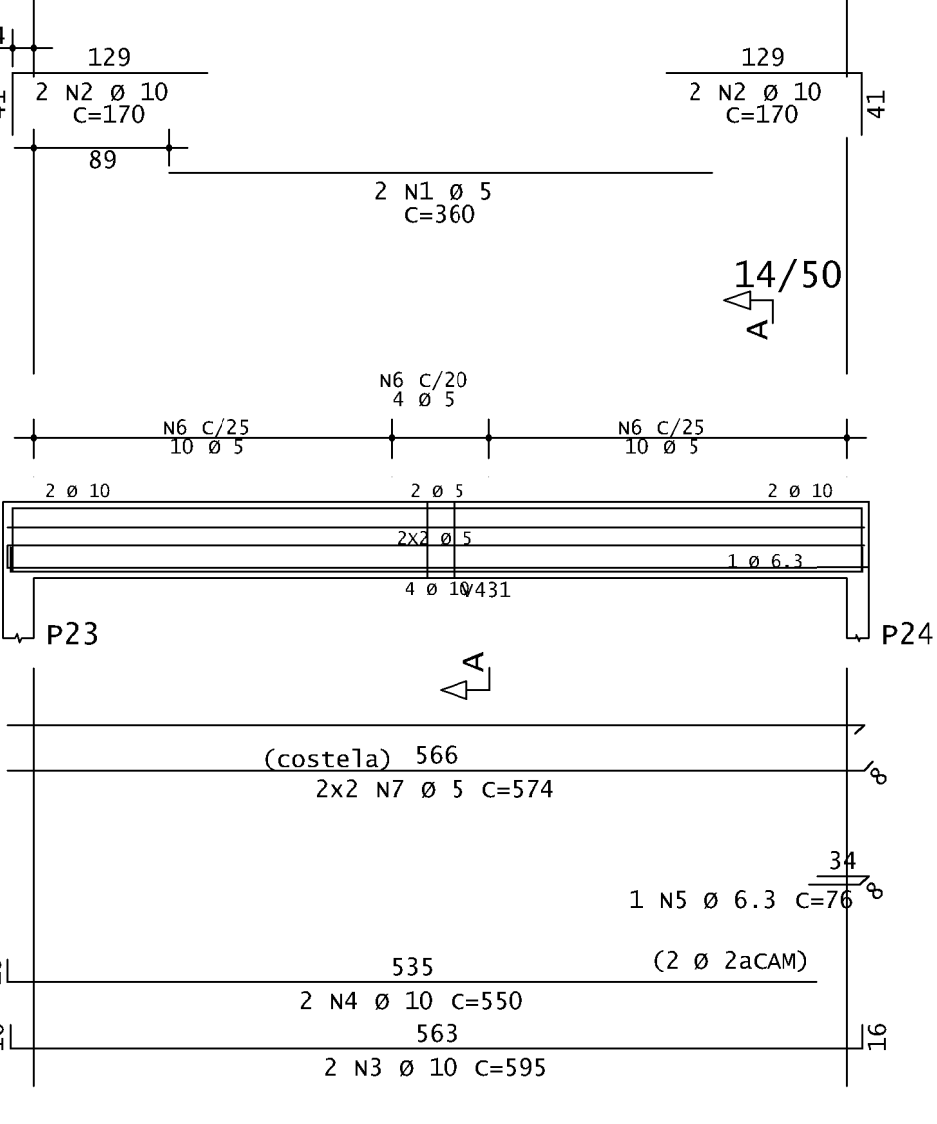
Corte A



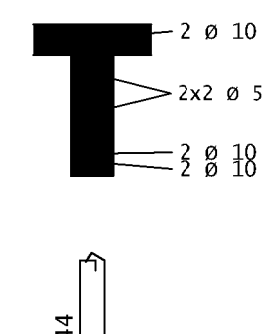
Corte B



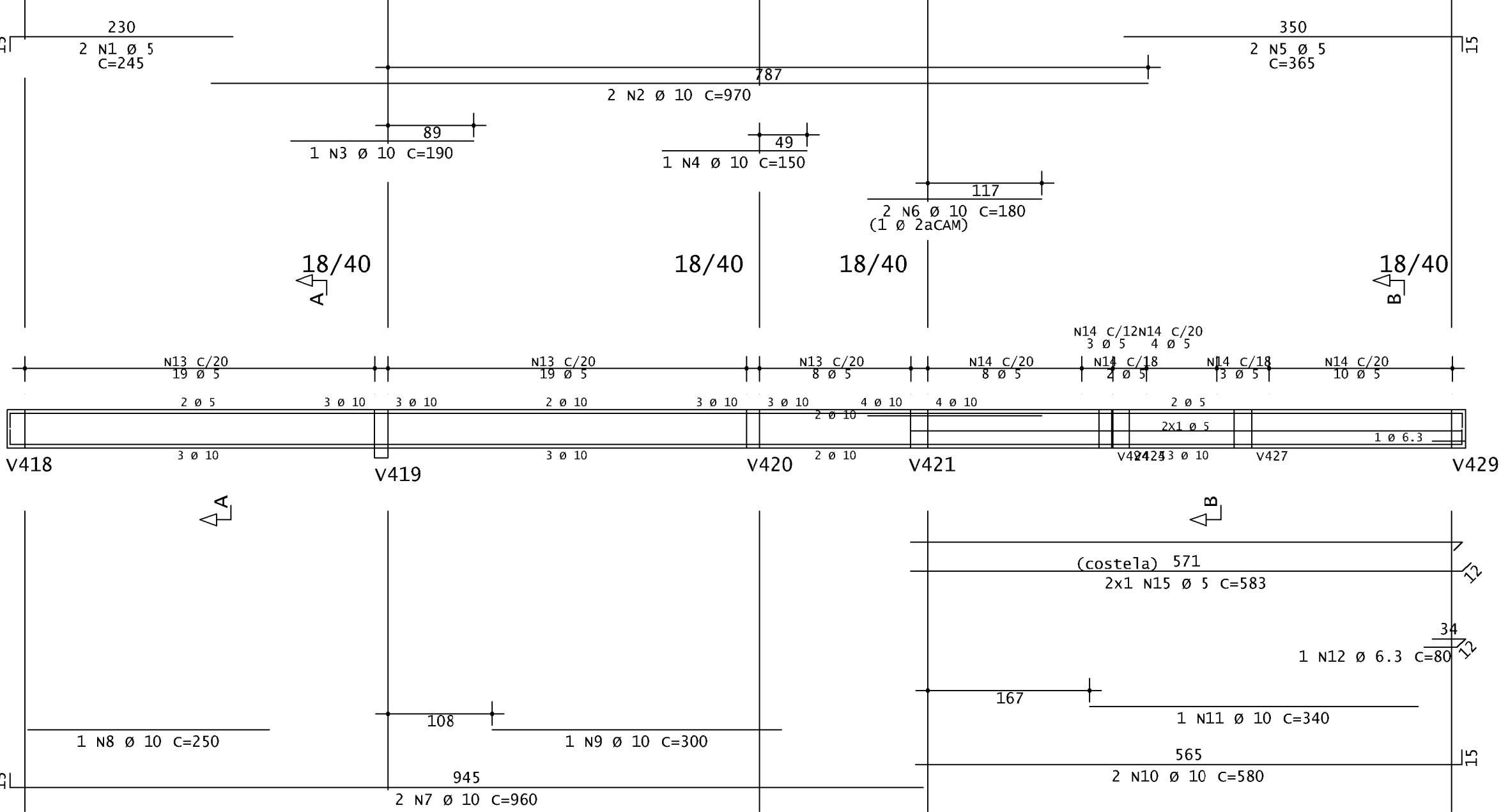
v407



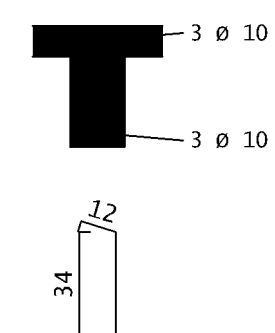
Corte A



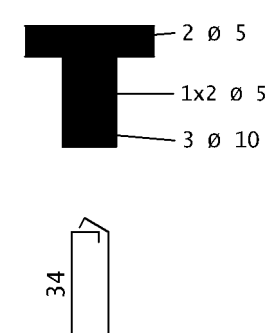
v408



Corte A



Corte B

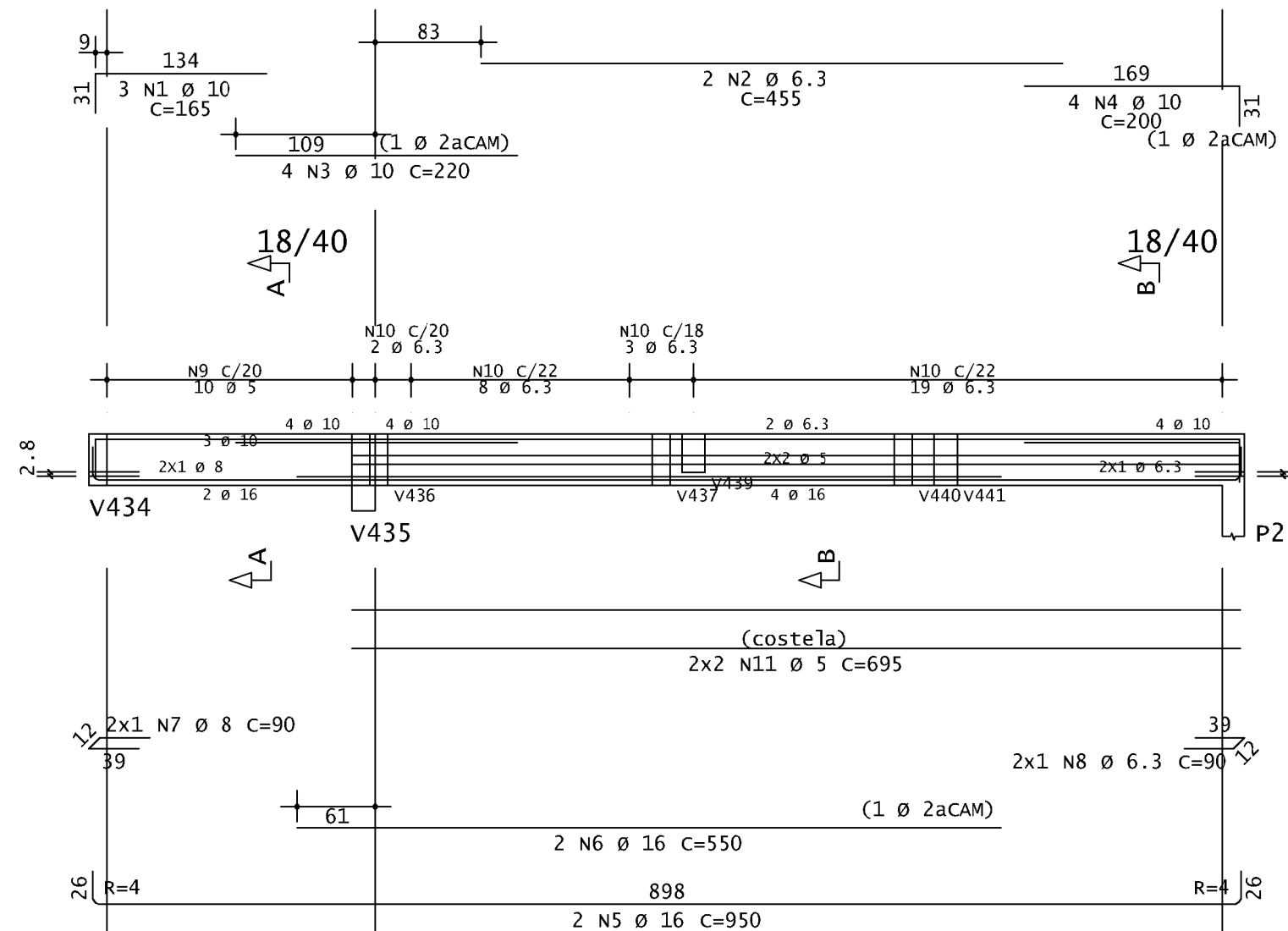


AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
v402					
60A	1	5	2	245	490
50A	2	8	2	135	270
50A	3	6.3	2	115	230
50A	4	10	2	415	830
50A	5	10	1	285	285
50A	6	6.3	1	76	76
60A	7	5	17	99	1683
v403					
60A	1	5	2	255	510
50A	2	10	2	385	770
50A	3	10	2	265	530
50A	4	6.3	1	80	80
60A	6	5	17	107	1819
v404					
50A	1	10	2	602	1204
50A	2	10	2	160	320
50A	3	10	4	165	660
50A	4	10	6	205	1230
50A	5	10	2	260	520
60A	6	5	18	127	2286
60A	7	5	9	139	1251
60A	8	5	4	116	464
60A	9	5	4	113	452
v405					
50A	1	12.5	6	495	2970
50A	2	12.5	2	100	200
50A	3	12.5	2	90	180
50A	4	12.5	4	500	2000
50A	5	6.3	31	100	3100
60A	6	5	2	458	916
v406					
60A	1	5	2	295	590
50A	2	10	2	145	290
60A	3	5	2	250	500
50A	4	16	2	440	880
50A	5	10	3	150	450
50A	6	10	4	575	2300
50A	7	10	1	320	320
50A	8	10	1	285	285
50A	9	6.3	1	80	80
60A	10	5	27	107	2889
60A	11	5	31	119	3689
60A	12	5	2	583	1166
v407					
60A	1	5	2	360	720
50A	2	10	4	170	680
50A	3	10	2	595	1190
50A	4	10	2	550	1100
50A	5	6.3	1	76	76
60A	6	5	24	127	3048
60A	7	5	4	574	2296
v408					
60A	1	5	2	245	490
50A	2	10	2	970	1940
50A	3	10	1	190	190
50A	4	10	1	150	150
60A	5	5	2	365	730
50A	6	10	2	180	360
50A	7	10	2	960	1920
50A	8	10	1	250	250
50A	9	10	1	300	300
50A	10	10	2	580	1160
50A	11	10	1	340	340
50A	12	6.3	1	80	80
60A	13	5	46	107	4922
60A	14	5	30	119	3570
60A	15	5	2	583	1166

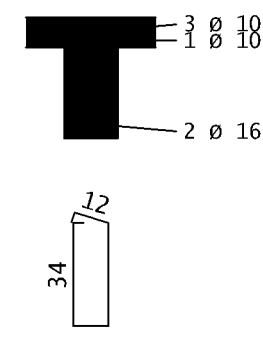
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	355	55
50A	6.3	37	9
50A	8	3	1
50A	10	202	124
50A	12.5	94	52
50A	16	9	14
Peso Total		60A =	55 kgf
Peso Total		50A =	200 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO	CP: 1.050.0135.001	
LOTES: 0135	QUADRA: 059	INDICE: 0135.001	
TITULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL		
CONTEUDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO:	CPF / CNPJ:		
CÁMARA MUNICIPAL DE MARTINHO CAMPOS	23.886.370/0001-72		
RESPONSÁVEL TÉCNICO:	CREA:		
SÁVIO VINÍCIUS ISRAEL	CREA/GO - 299.989-D		
SÁVIO ISRAEL ENG@GMAIL.COM	(37) 9.8827-9134		
ORIENTAÇÃO CONSULTORIA@GMAIL.COM	(37) 9.9996-7310		

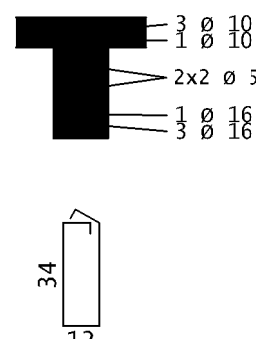
v409



Corte A

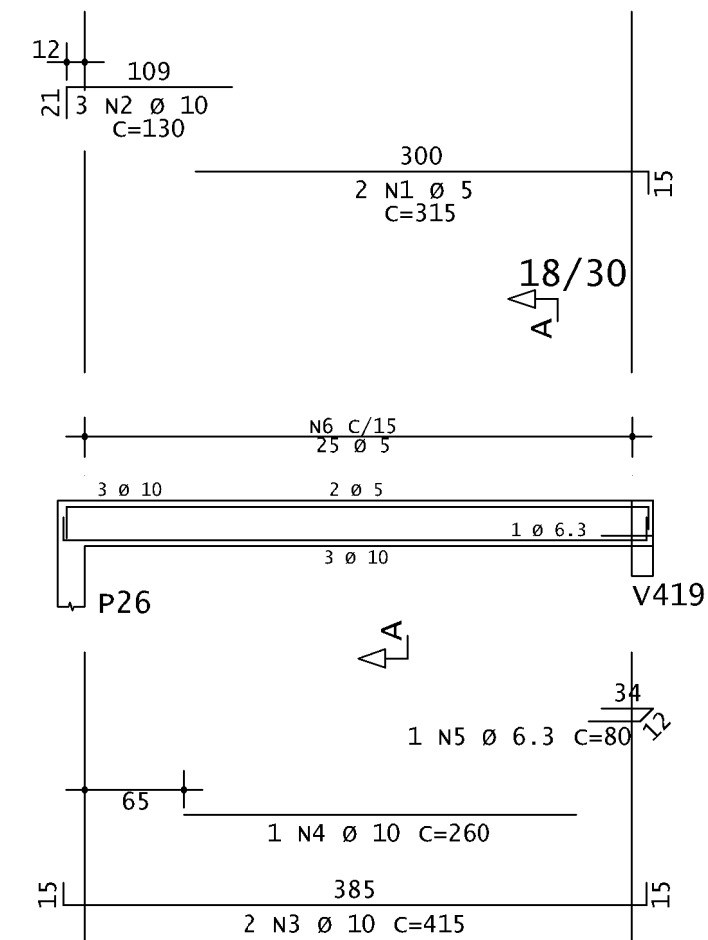


Corte B

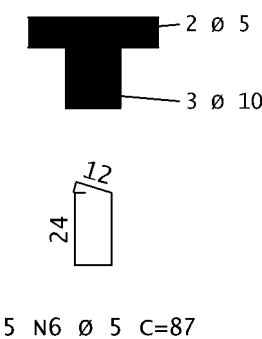


10 N9 Ø 5 C=107 32 N10 Ø 6.3 C=120

v410



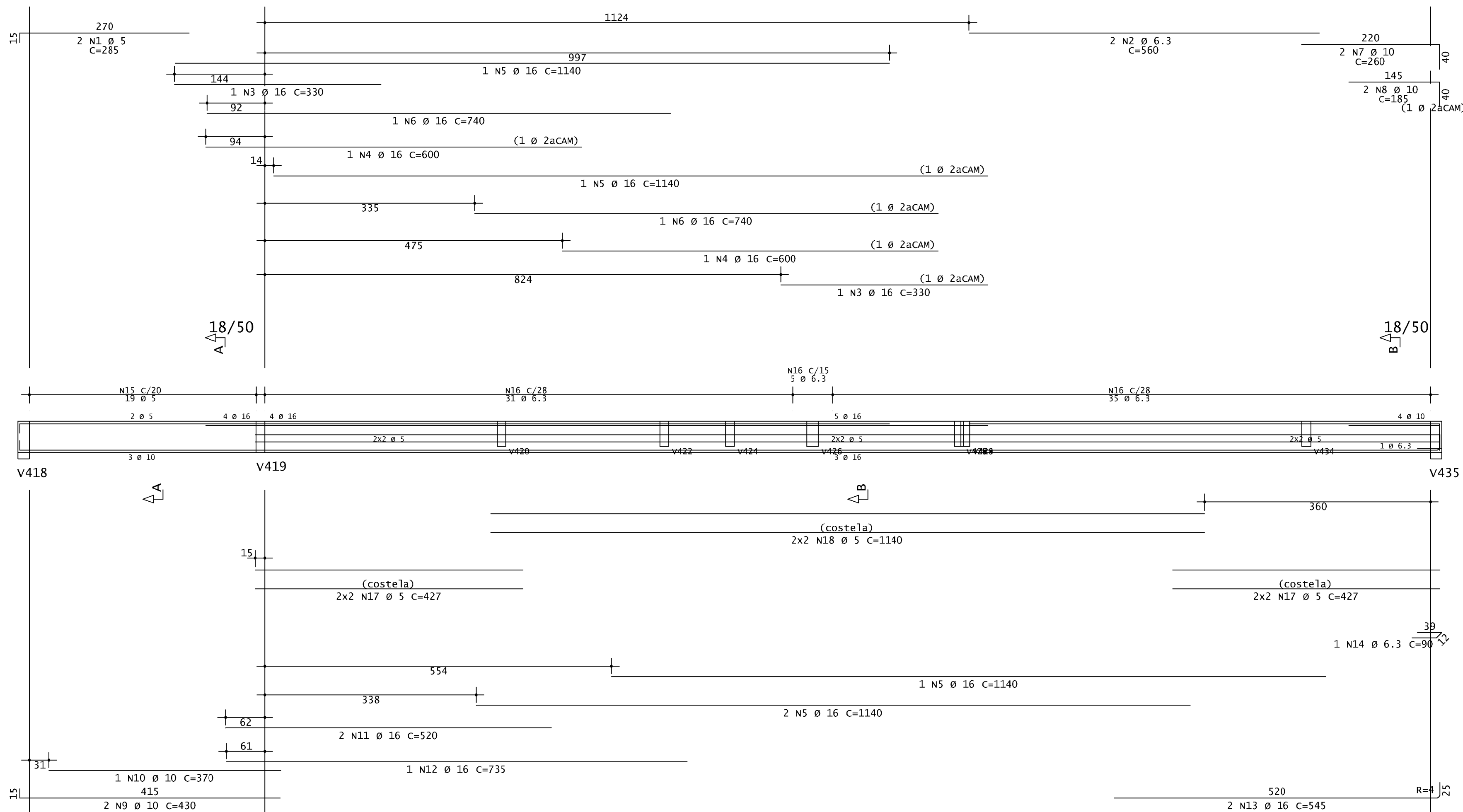
Corte A



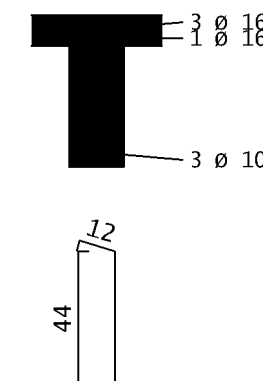
25 N6 Ø 5 C=87

	AÇO	POS	BIT	QUANT	COMPRIMENTO	
					UNIT	TOTAL
			mm		cm	cm
V409	50A	1	10	3	165	495
	50A	2	6,3	2	455	910
	50A	3	4	4	220	880
	50A	4	10	4	200	800
	50A	5	16	2	950	1900
	50A	6	16	2	550	1100
	50A	7	8	2	90	180
	50A	8	6,3	2	90	180
	60A	9	5	10	1070	1070
	60A	10	6,3	32	120	3840
	60A	11	5	4	695	2780
V410	60A	1	5	2	315	630
	50A	2	10	3	390	1170
	50A	3	5	2	415	830
	50A	4	10	1	260	260
	50A	5	6,3	1	80	80
	60A	6	5	25	87	2175
V411	60A	1	5	2	285	570
	50A	2	6,3	2	560	1120
	50A	3	16	2	330	660
	50A	4	16	2	600	1200
	50A	5	16	2	1140	5700
	50A	6	16	2	740	1480
	50A	7	10	2	260	520
	50A	8	10	2	185	370
	50A	9	10	2	430	860
	50A	10	10	1	370	370
	50A	11	16	2	520	1040
	50A	12	16	1	735	735
	50A	13	16	2	545	1090
	50A	14	6,3	1	90	90
	60A	15	5	19	127	2413
50A	16	6,3	71	140	9940	
60A	17	5	8	427	3416	
	60A	18	5	4	1140	4560
V414	50A	1	10	3	305	915
	50A	2	10	2	295	590
	60A	3	5	17	87	1479
V415	60A	1	5	2	200	400
	50A	2	10	2	200	400
	60A	3	5	7	99	693
	60A	4	5	7	99	693

v411

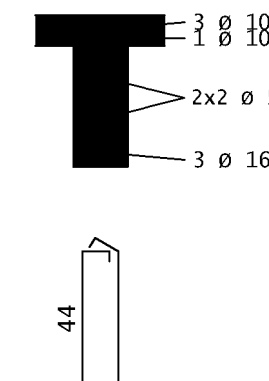


Corte A



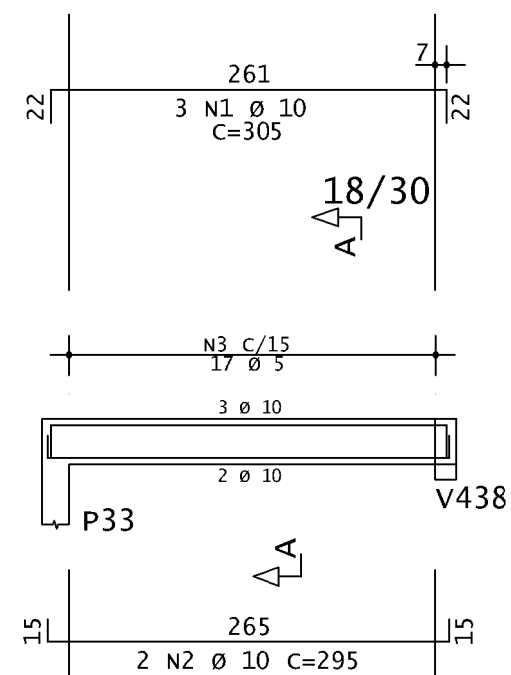
19 N15 Ø 5 C=127

Corte B

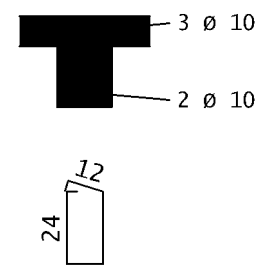


71 N16 Ø 6.3 C=140

v414

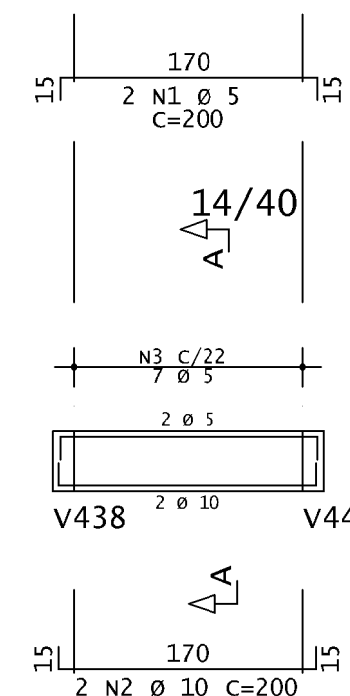


Corte A

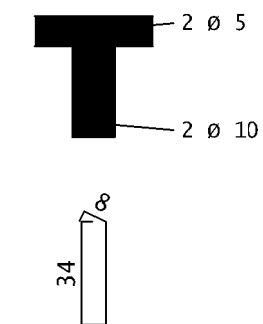


17 N3 Ø 5 C=87

v415



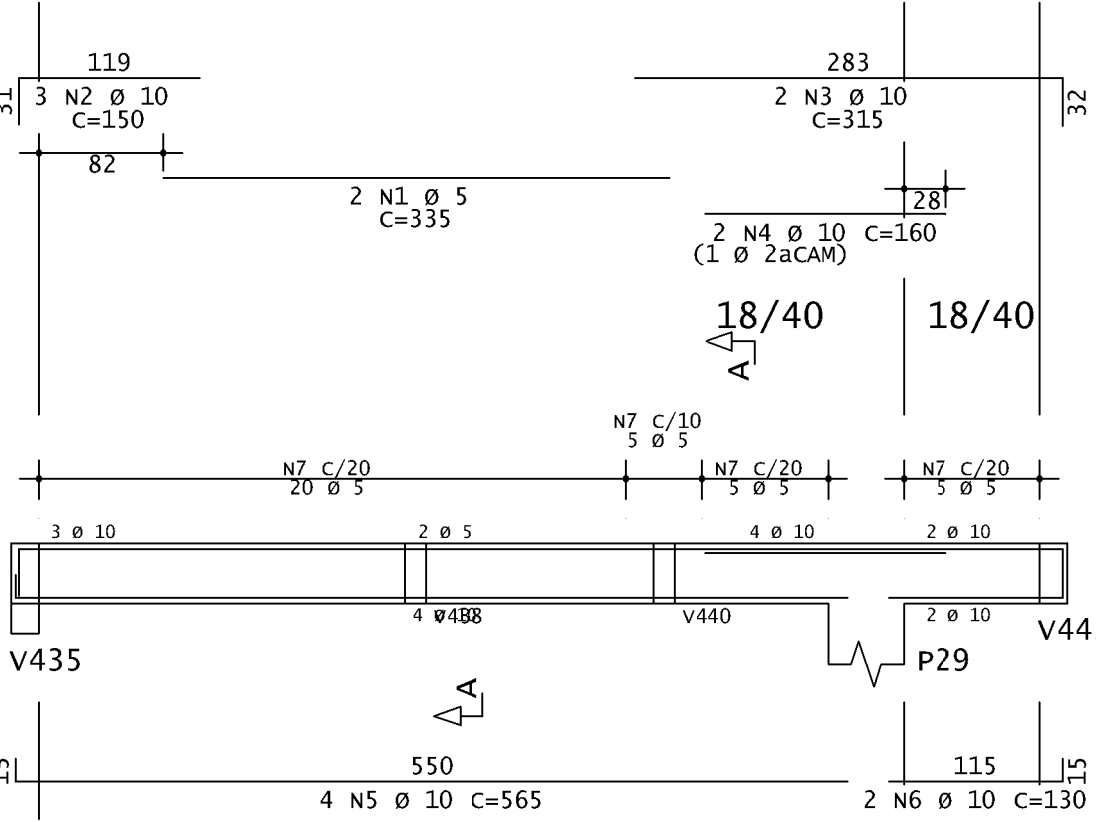
Corte A



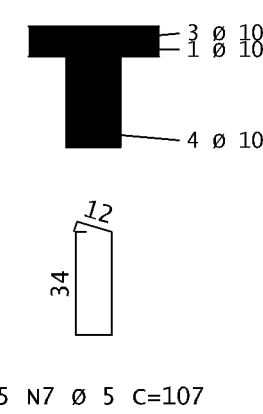
7 N3 Ø 5 C=99

<div> <div>  </div> <div> <p>PROJETO</p> </div> </div>		<div> <div> <p>BAIRRO: CENTRO</p> </div> <div> <p>INDICE FTL: 011.059.0135.001</p> </div> </div>	
<div> <div> <p>AVIA: RUA LUZ ALVES, 86</p> </div> <div> <p>LOTES: 0136</p> </div> </div>		<div> <div> <p>QUADRA: 059</p> </div> <div> <p>INDICE FTL: 011.059.0135.001</p> </div> </div>	
<div> <div> <p>TITULO: PROJETO ESTRUTURAL</p> </div> <div> <p>CONTEUDO: _____</p> </div> </div>		<div> <div> <p>USO: INSTITUCIONAL</p> </div> <div> <p>DATA: 04/10/2025</p> </div> </div>	
<div> <div> <p>RESPONSÁVEIS</p> </div> <div> <p>PROPRIETÁRIO: CPF: CNPJ:</p> </div> </div>			
<div> <div> <p>CÂMARA MUNICIPAL DE MARTINHO CAMPOS</p> </div> <div> <p>23.899.073.0001-1</p> </div> </div>		<div> <div> <p>RESPONSÁVEL TÉCNICO: CREA:</p> </div> <div> <p>SÁDIO VINÍCIUS ISRAEL SAVIOSENTE.ENGENHARIA.COM ORIENTACAO@CONSULTORIA@GMAIL.COM</p> </div> </div>	
<div> <div> <p>CREATING - 359.999.D (37) 9.3837-0134 (37) 9.9996-7370</p> </div> <div> <p>PROJETO RESUMO</p> </div> </div>		<div> <div> <p>PROJETO RESUMO</p> </div> <div> <p>PROJETO RESUMO</p> </div> </div>	

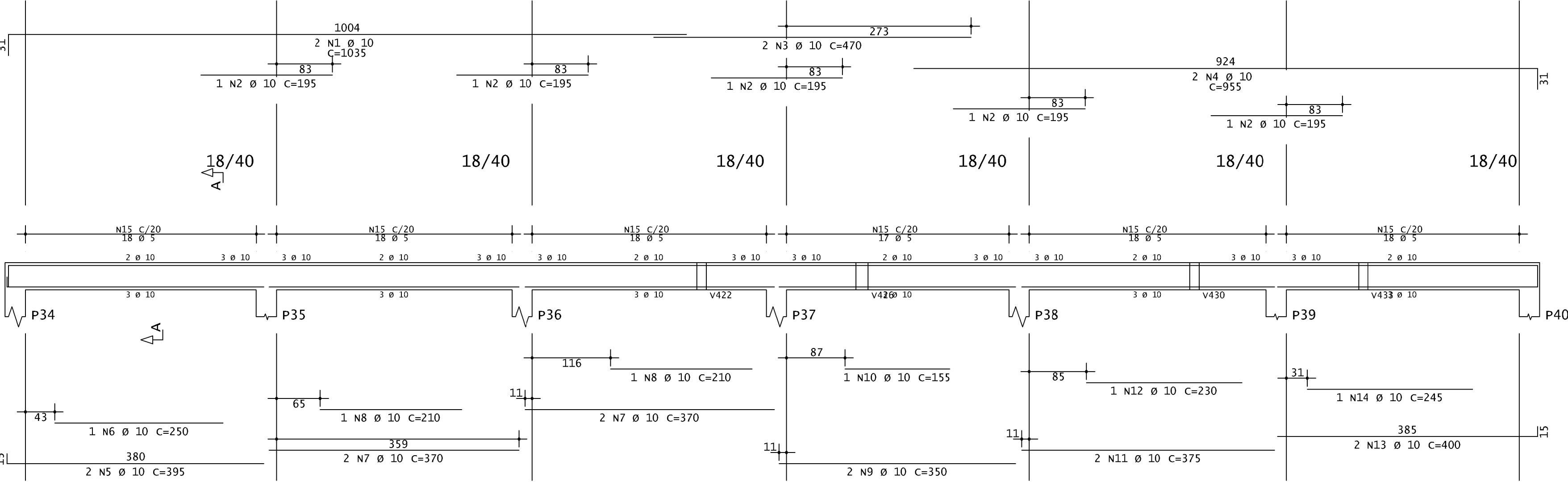
v412



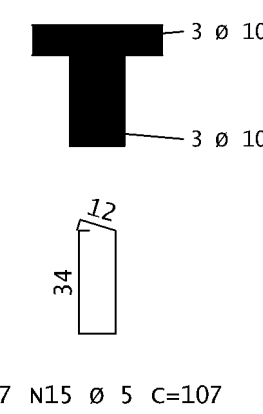
Corte A



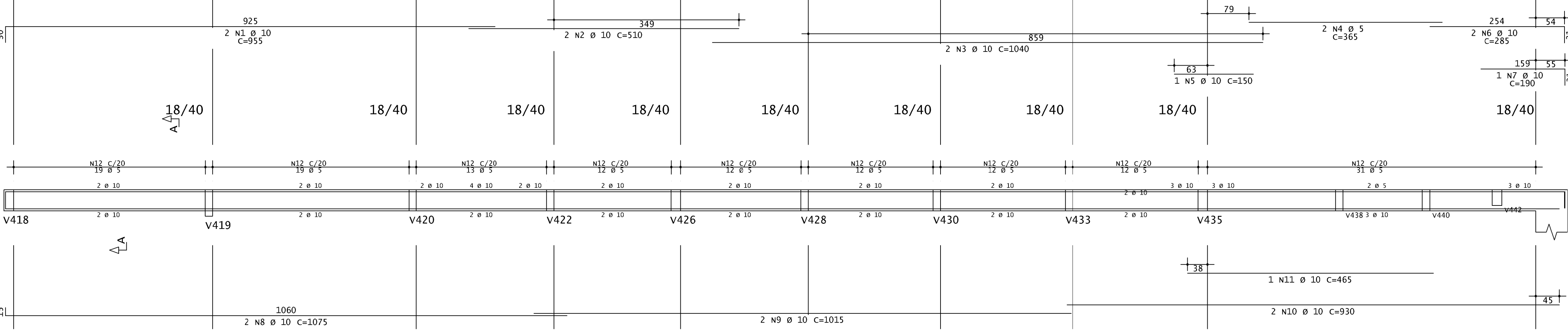
v416



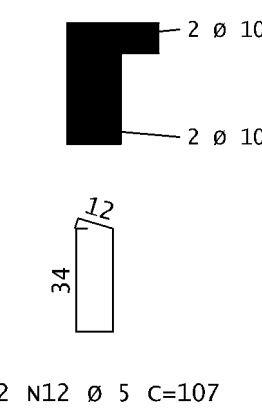
Corte A



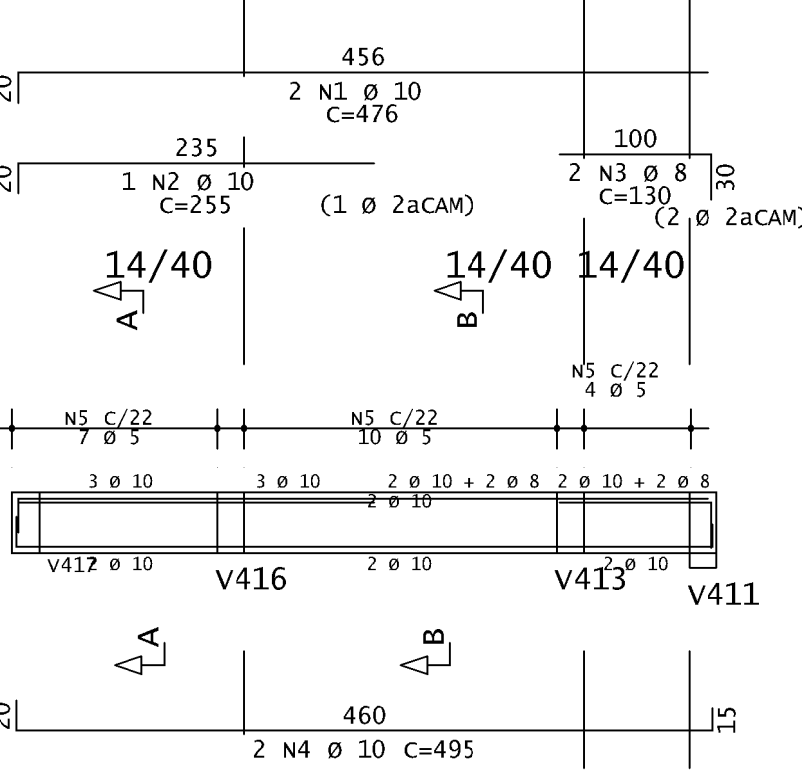
v417



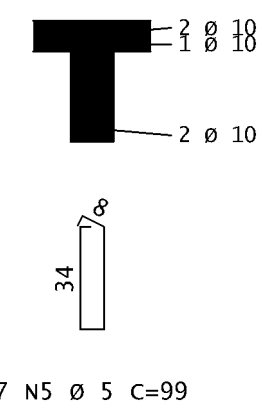
Corte A



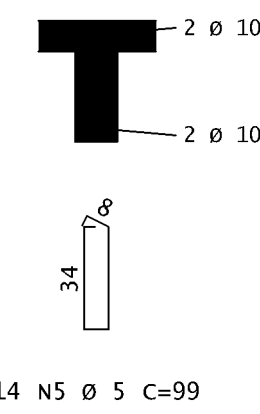
v422



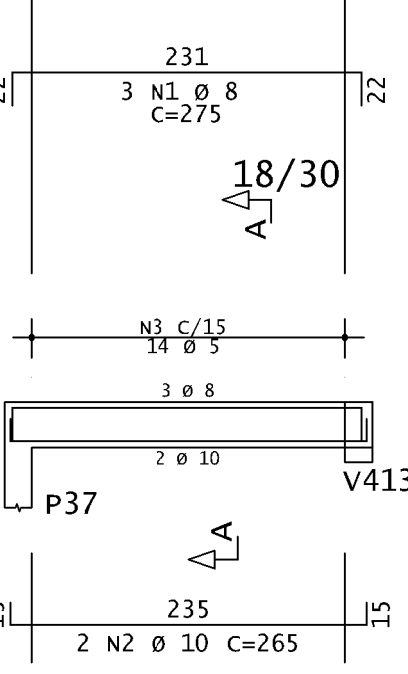
Corte A



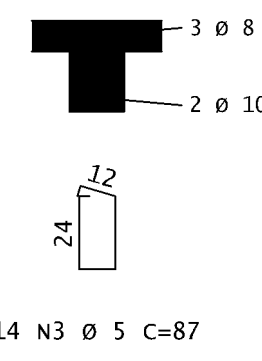
Corte B



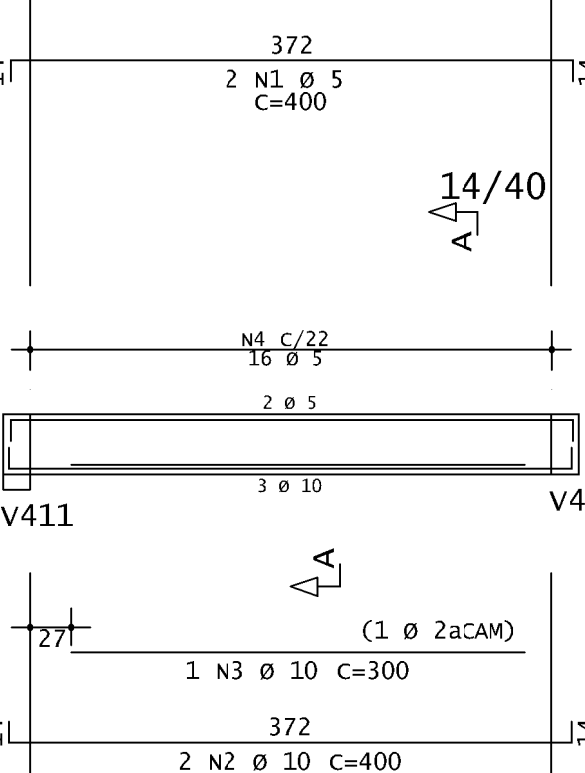
v423



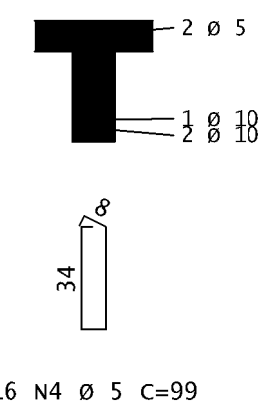
Corte A



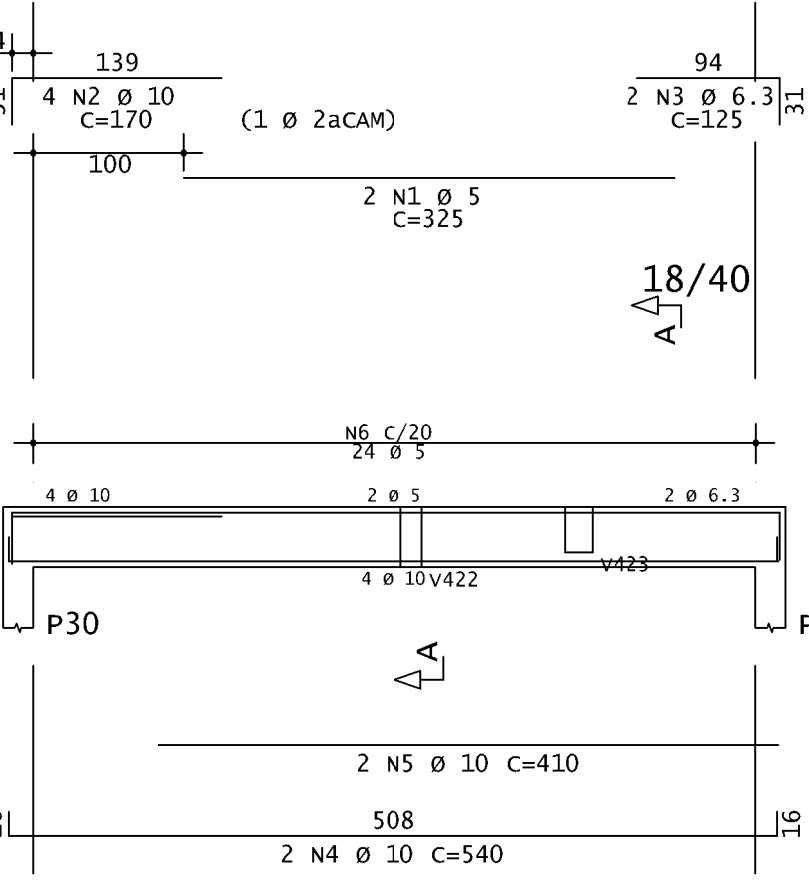
v424



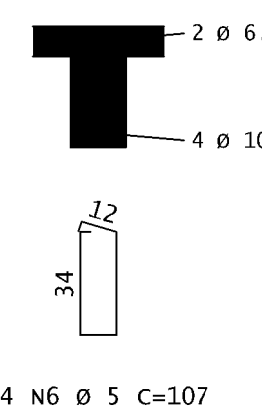
Corte A



v413



Corte A

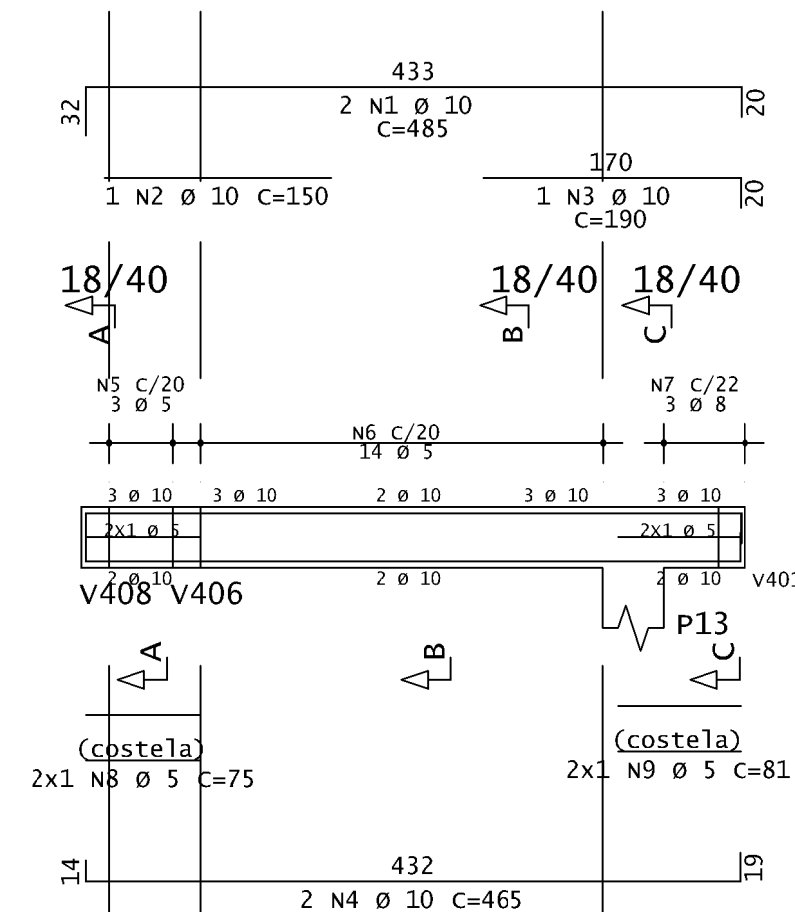


AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
v412					
60A	1	5	2	335	670
50A	2	10	3	150	450
50A	3	10	2	315	630
50A	4	10	2	160	320
50A	5	10	4	565	2260
50A	6	10	2	130	260
60A	7	5	35	107	3745
v413					
60A	1	5	2	325	650
50A	2	10	4	170	680
50A	3	6.3	2	125	250
50A	4	10	2	540	1080
50A	5	10	2	410	820
60A	6	5	24	107	2568
v416					
50A	1	10	2	1035	2070
50A	2	10	5	195	975
50A	3	10	2	470	940
50A	4	10	2	955	1910
50A	5	10	2	395	790
50A	6	10	1	250	250
50A	7	10	4	370	1480
50A	8	10	2	210	420
50A	9	10	2	350	700
50A	10	10	1	155	155
50A	11	10	2	375	750
50A	12	10	1	230	230
50A	13	10	2	400	800
50A	14	10	1	245	245
60A	15	5	107	107	11449
v417					
50A	1	10	2	955	1910
50A	2	10	2	510	1020
50A	3	10	2	1040	2080
60A	4	5	2	365	730
50A	5	10	1	150	150
50A	6	10	2	285	570
50A	7	10	1	190	190
50A	8	10	2	1075	2150
50A	9	10	2	1015	2030
50A	10	10	2	930	1860
50A	11	10	1	465	465
60A	12	5	142	107	15194
v422					
50A	1	10	2	476	952
50A	2	10	1	255	255
50A	3	8	2	130	260
50A	4	10	2	495	990
60A	5	5	21	99	2079
v423					
50A	1	8	3	275	825
50A	2	10	2	265	530
60A	3	5	14	87	1218
v424					
60A	1	5	2	400	800
50A	2	10	2	400	800
50A	3	10	1	300	300
60A	4	5	16	99	1584

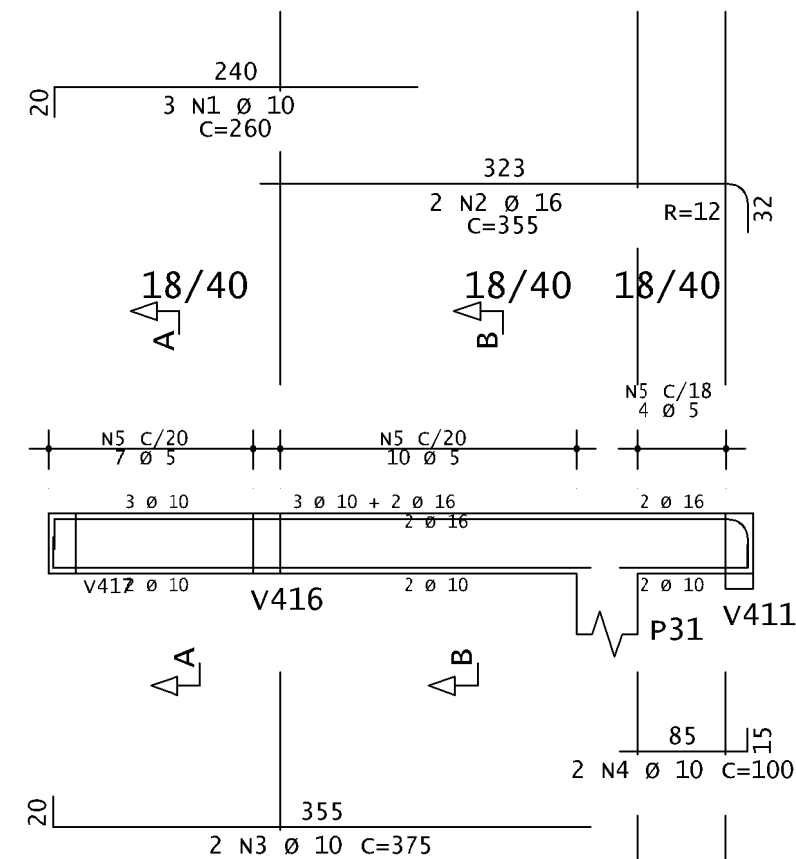
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	407	63
50A	6.3	3	1
50A	8	11	4
50A	10	345	213
Peso Total	60A	=	63 kgf
Peso Total	50A	=	218 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO		
LOTES: 0188	QUADRA: 089	ÍNDICE PIV: 01.1.059.0188.001	
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL		
CONTEÚDO:		DATA:	04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:	CPF / CNPJ:		
CÂMARA MUNICIPAL DE MARTINHO CAMPOS	23.886.370/0001-12		
RESPONSÁVEL TÉCNICO:	CREA:		
SÁVIO VINÍCIUS ISRAEL	CREA/GO - 299.989-D		
SÁVIOISRAEL.ENG@GMAIL.COM	(37) 9.8827-9134		
ORIENTAENG CONSULTORIA@GMAIL.COM	(37) 9.9996-7310		

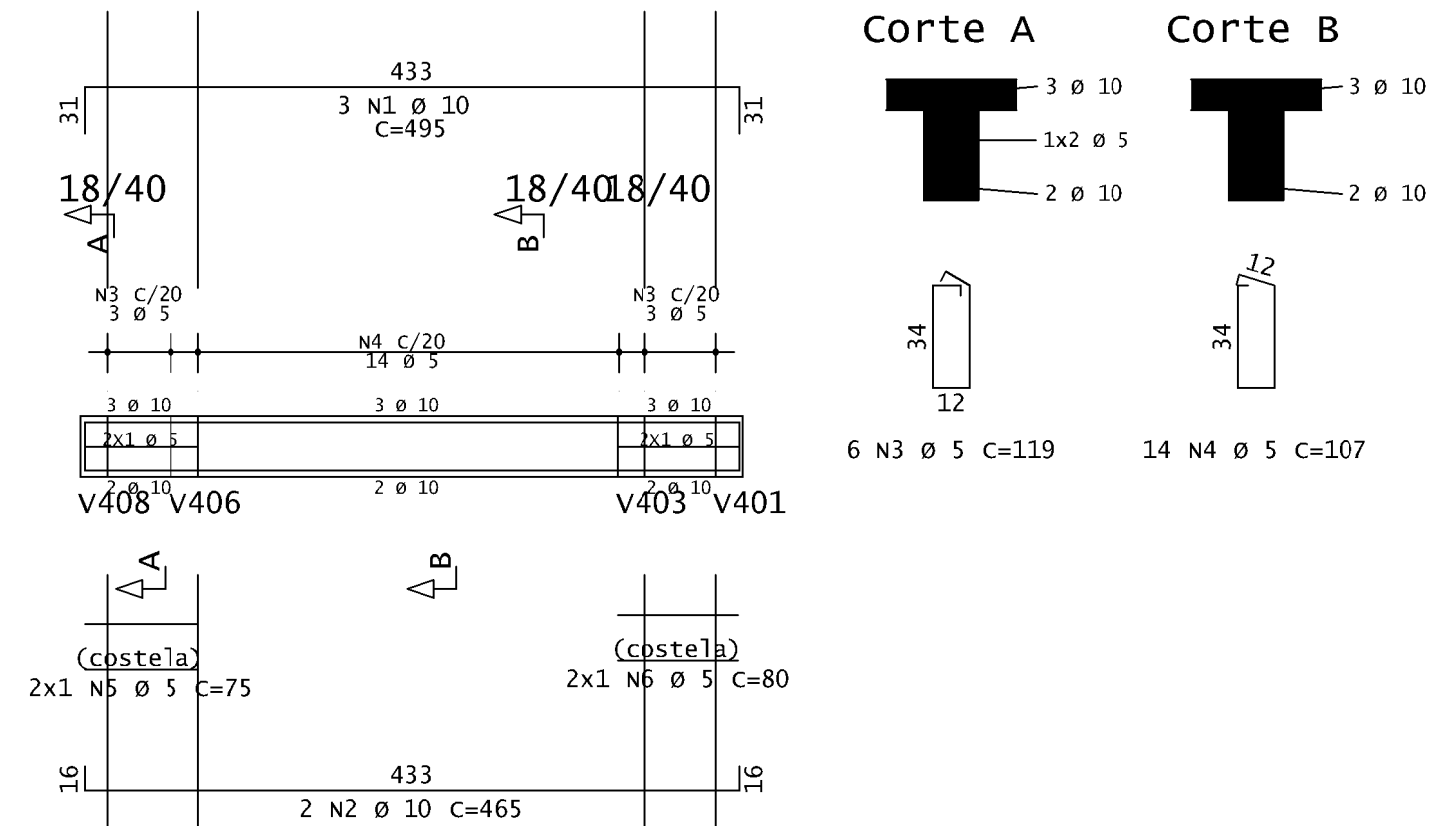
v425



v426



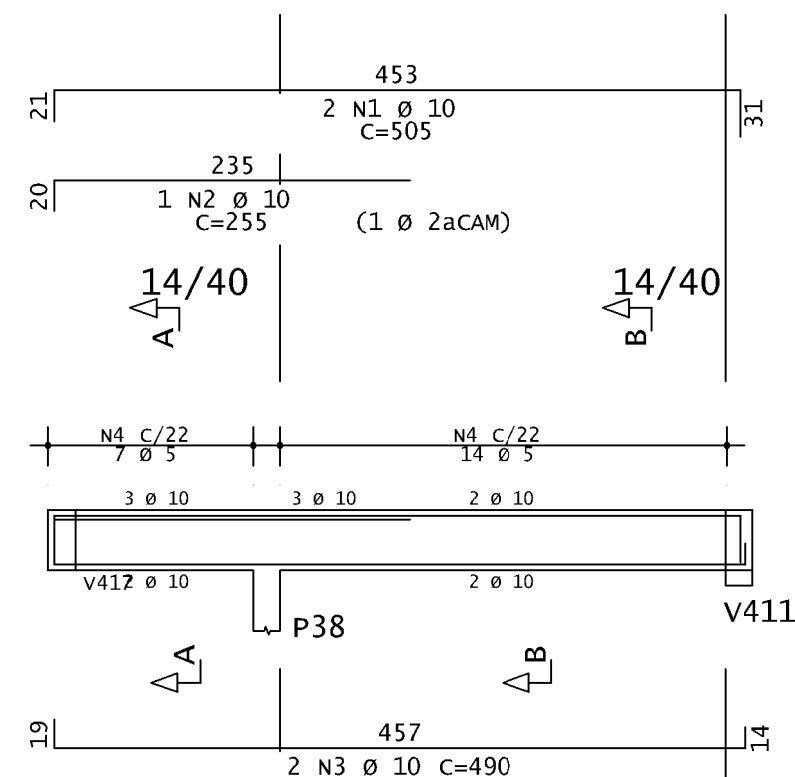
v427



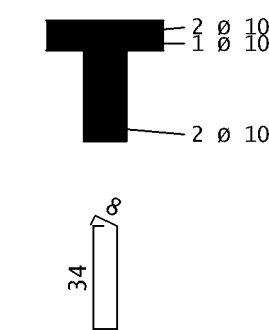
V425	AÇO	POS	BIT	QUANT	COMPRIMENTO	
			mm		UNIT	TOTAL cm
	50A	1	10	2	485	970
	50A	2	10	1	150	150
	50A	3	10	1	190	190
	50A	4	10	2	465	930
	60A	5	5	3	119	357
	60A	6	5	14	107	1498
	50A	7	8	3	122	366
V426	60A	8	5	2	150	750
	60A	9	5	2	81	162
	50A	1	10	3	260	780
	50A	2	16	2	355	710
	50A	3	10	2	375	750
	50A	4	10	2	100	200
	60A	5	5	21	107	2247
V427	50A	1	10	3	495	1485
	50A	2	10	2	465	930
	60A	3	5	6	119	714
	60A	4	5	14	107	1498
	60A	5	5	2	75	150
	60A	6	5	2	80	160
V428	50A	1	10	2	505	1010
	50A	2	10	1	255	255
	50A	3	10	2	490	980
	60A	4	5	21	99	2079
V429	50A	1	12.5	2	685	1370
	50A	2	12.5	1	190	190
	50A	3	10	2	230	460
	50A	4	10	2	440	880
	50A	5	12.5	2	120	240
	50A	6	10	2	335	670
	50A	7	10	2	117	234
	60A	8	5	24	107	2140
	60A	9	5	13	127	1651
	60A	10	5	2	444	888
	60A	11	5	2	344	688
V430	50A	1	10	2	505	1010
	50A	2	10	1	255	255
	50A	3	10	2	490	980
	60A	4	5	21	99	2079
V431	50A	1	10	3	455	1365
	50A	2	10	2	365	730
	50A	3	12.5	2	415	830
	50A	4	6.3	1	80	80
	60A	5	5	18	127	2286
V432	50A	1	10	3	360	1080
	50A	2	10	2	130	260
	50A	3	10	2	350	700
	50A	4	5	1	195	195
	60A	5	5	20	87	1740

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	205	32
50A	6.3	1	0
50A	8	4	1
50A	10	174	108
50A	12.5	25	25
50A	16	7	11
Peso Total	60A =		32 kgf
Peso Total	50A =		146 kaf

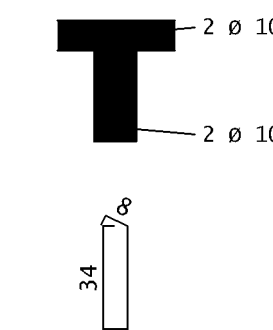
v428



Corte A



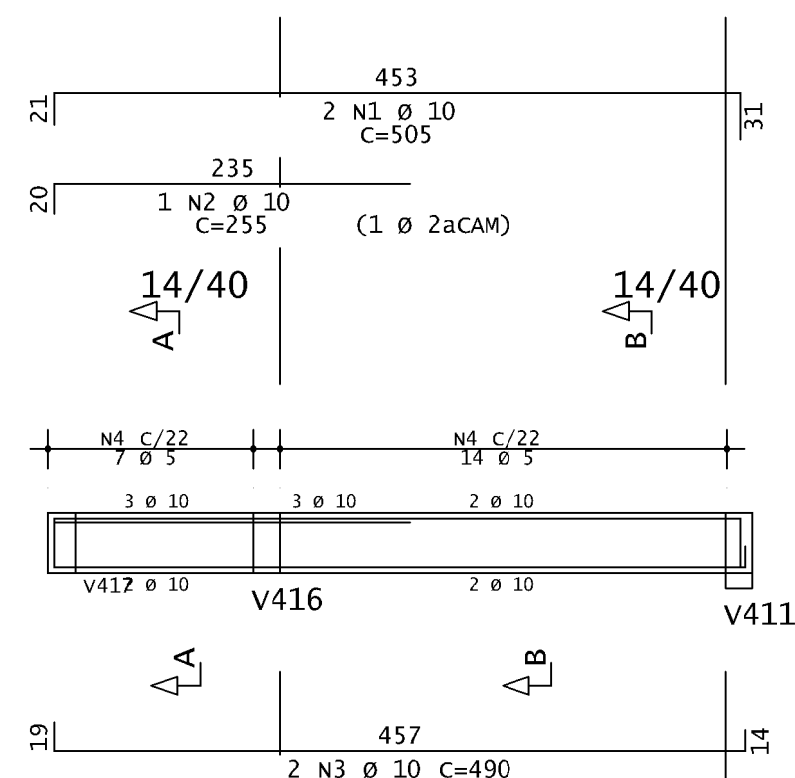
Corte B



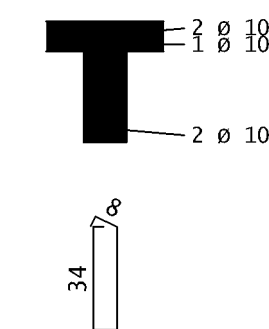
7 N4 Ø 5 C=99

14 N4 Ø 5 C=99

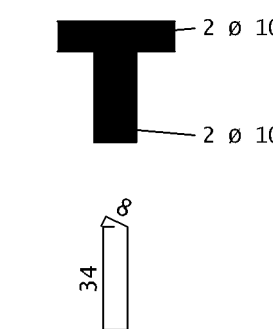
v430



Corte A



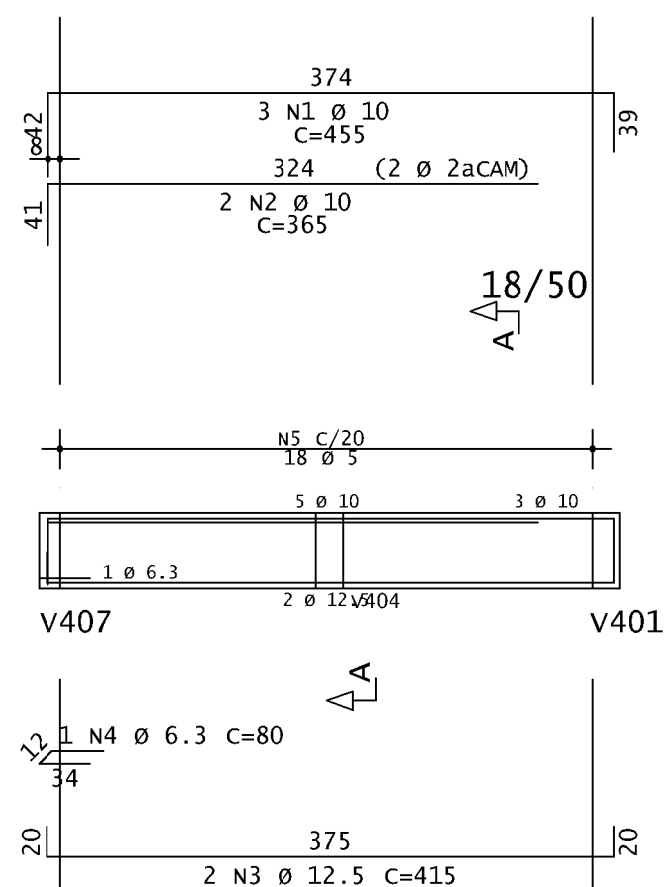
Corte B



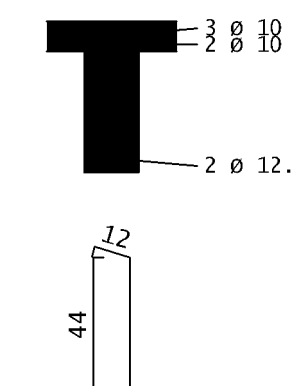
7 N4 Ø 5 C=99

14 N4 Ø 5 C=99

v431

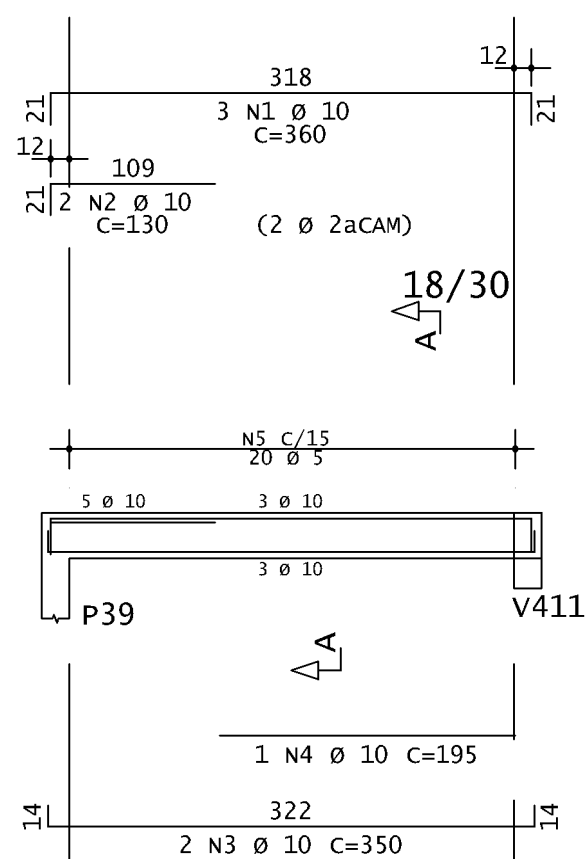


Corte A

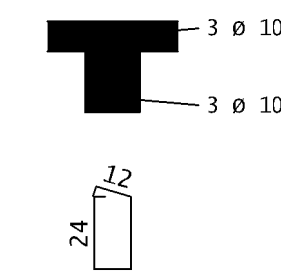


18 N5 Ø 5 C=127

v432



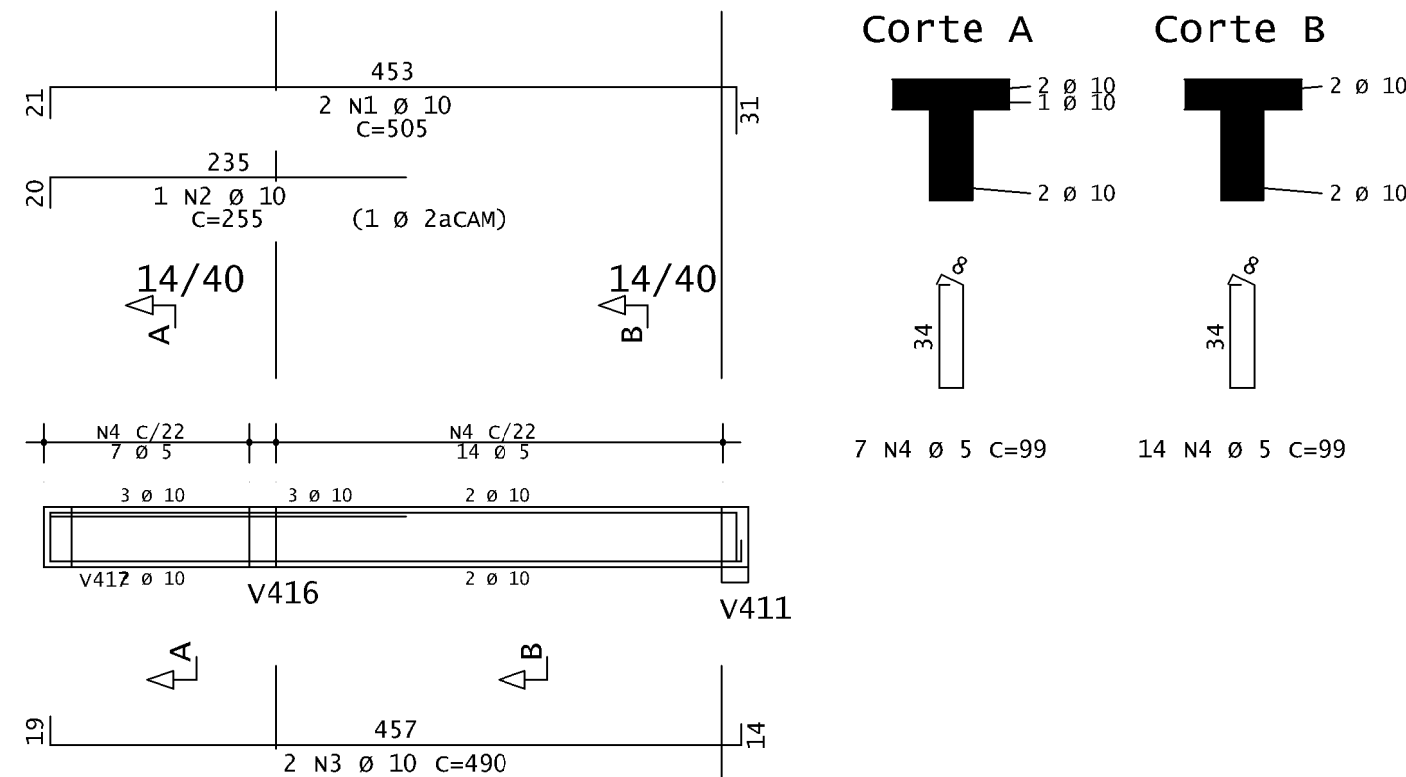
Corte A



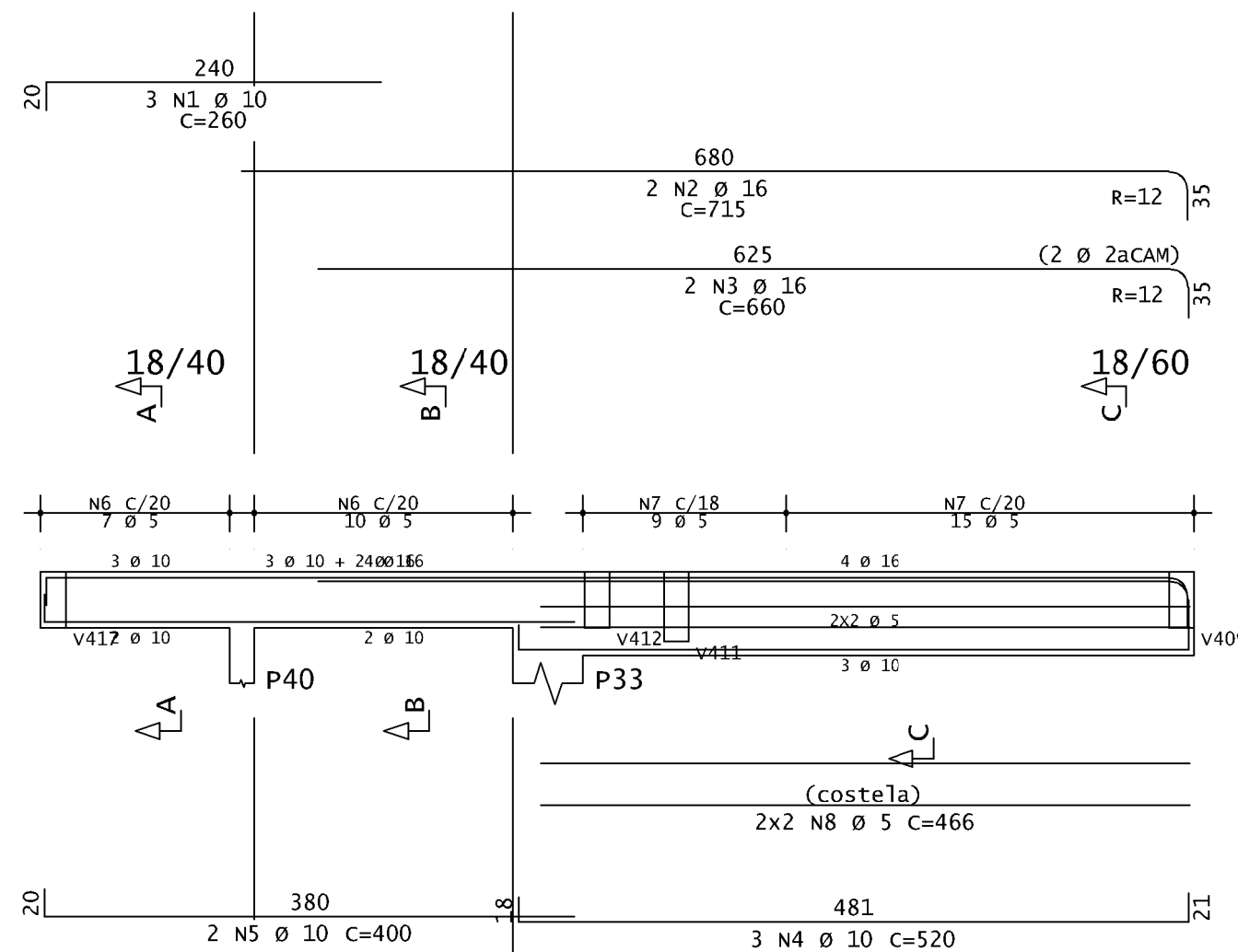
20 N5 Ø 5 C=87

RUA: RUA LUÍZ ALVES, 88		BAIRRO: CENTRO		
LOTES: 01/5	QUADRA: 059	ÍNDICE FTU: 011 059 015/001		
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL		
CONTEÚDO: _____		DATA: 04/10/2025		
RESPONSÁVEIS				
	PROPRIETÁRIO:	CPF / CNPJ:	FL. 04 PROVA DE RESPOSTA	
	CÂMARA MUNICIPAL DE MARTINHO CAMPOS			23.896.370/0001-01
	RESPONSÁVEL TÉCNICO:	CREIA:		
	SÁVIO VINÍCIUS ISRAEL			CREACHG - 359.969 D
	SAVIO@ENGLAC.COM.BR			(37) 9.8827.9134
	ORIENTACAO.CONSUL.TORIAL@CGIA.COM			(37) 9.8966-7310

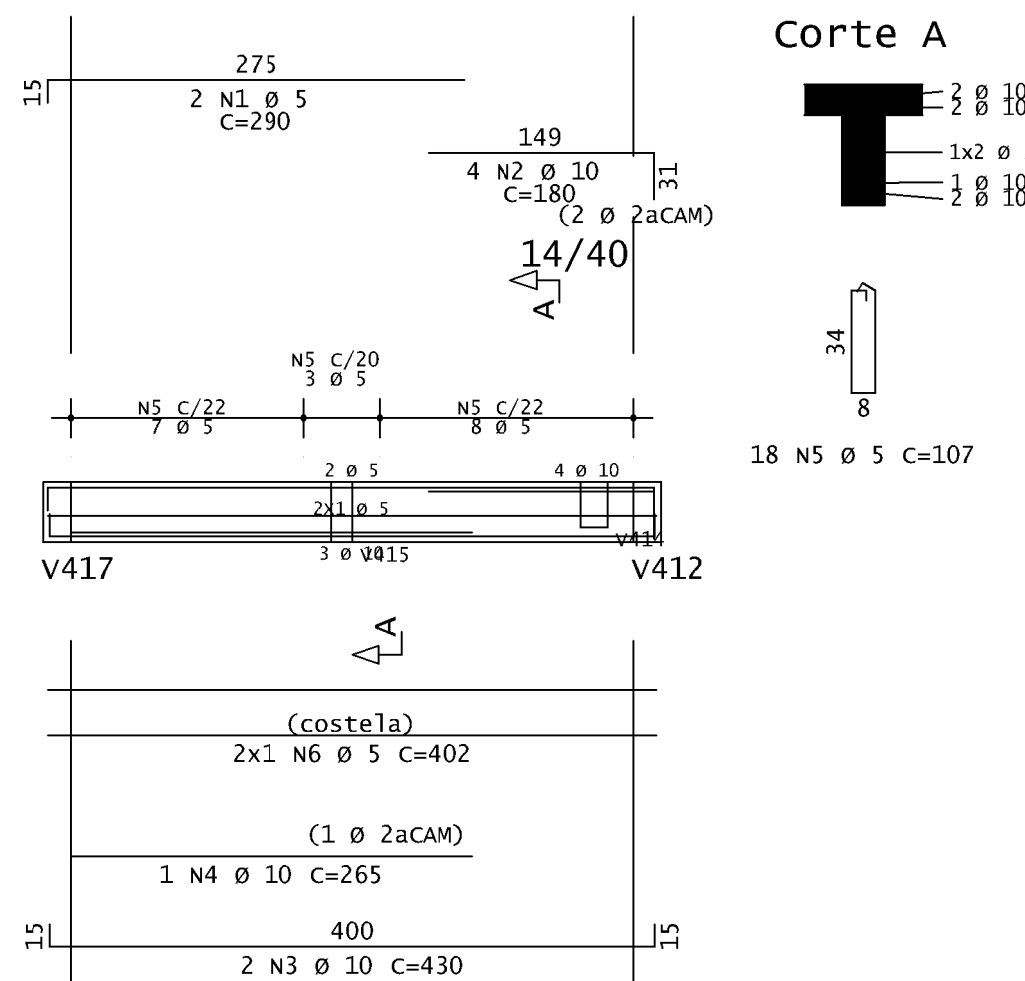
v433



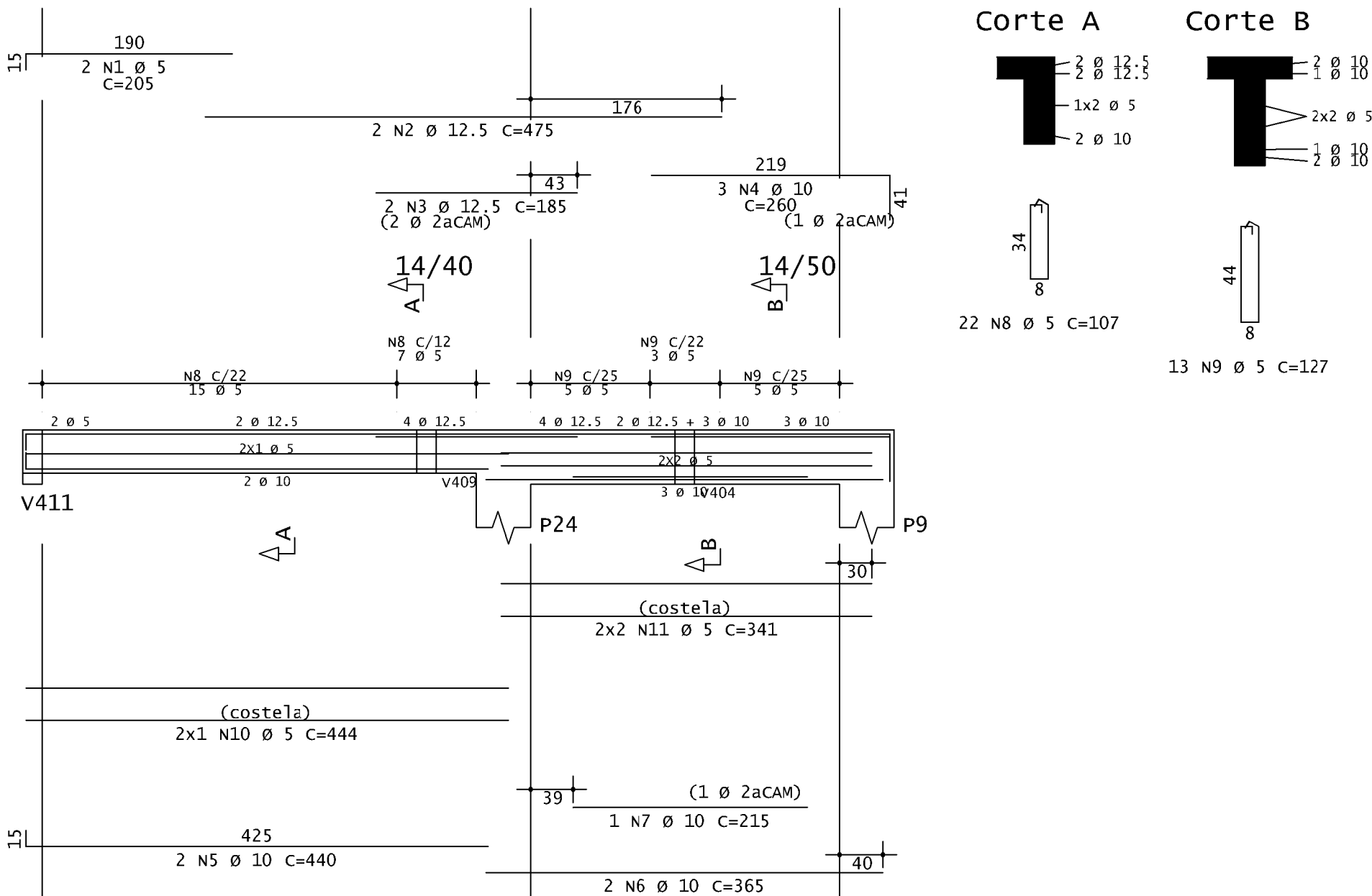
v435



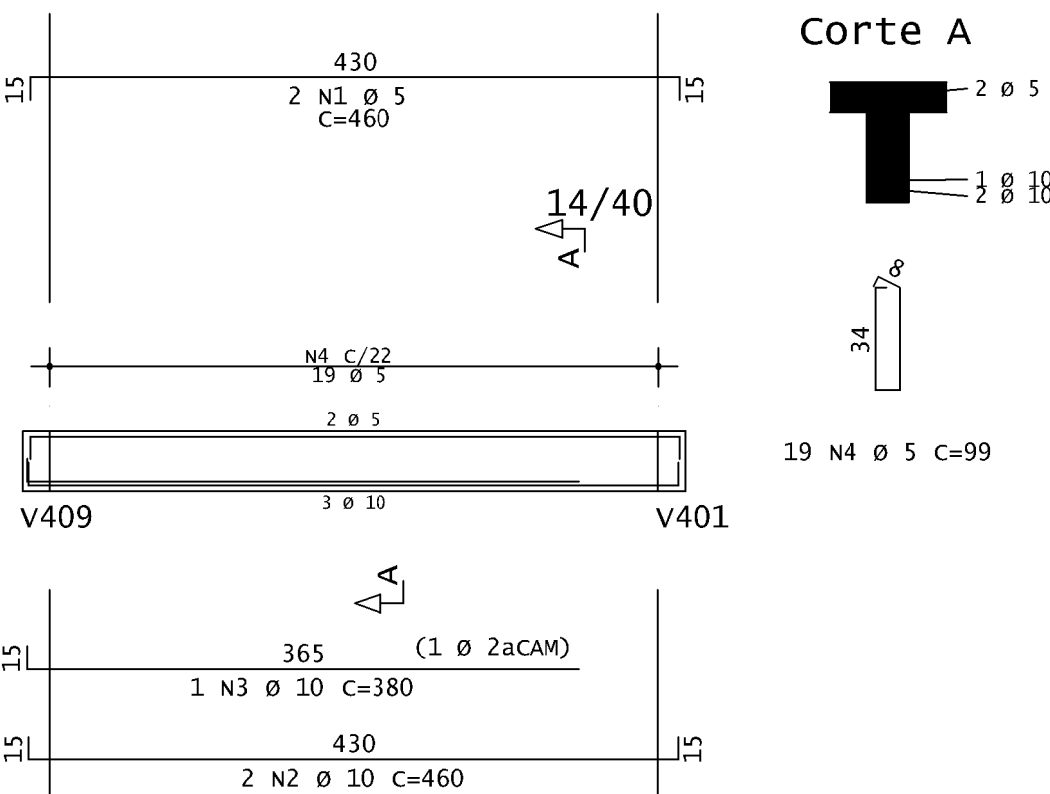
v438



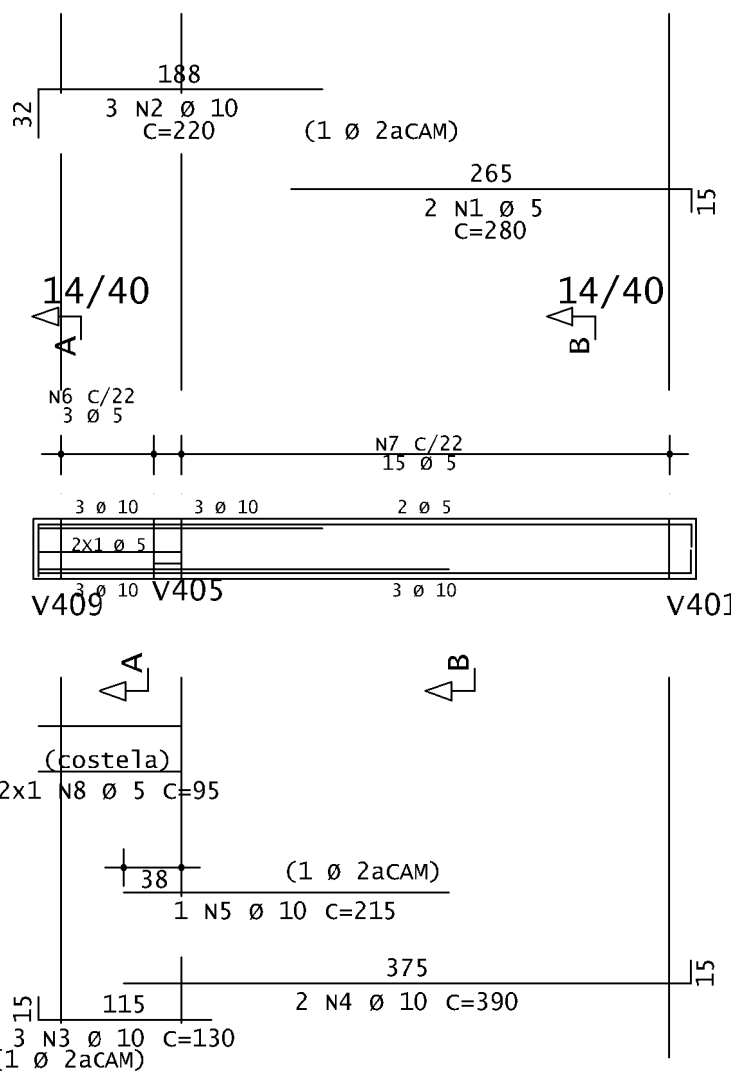
v434



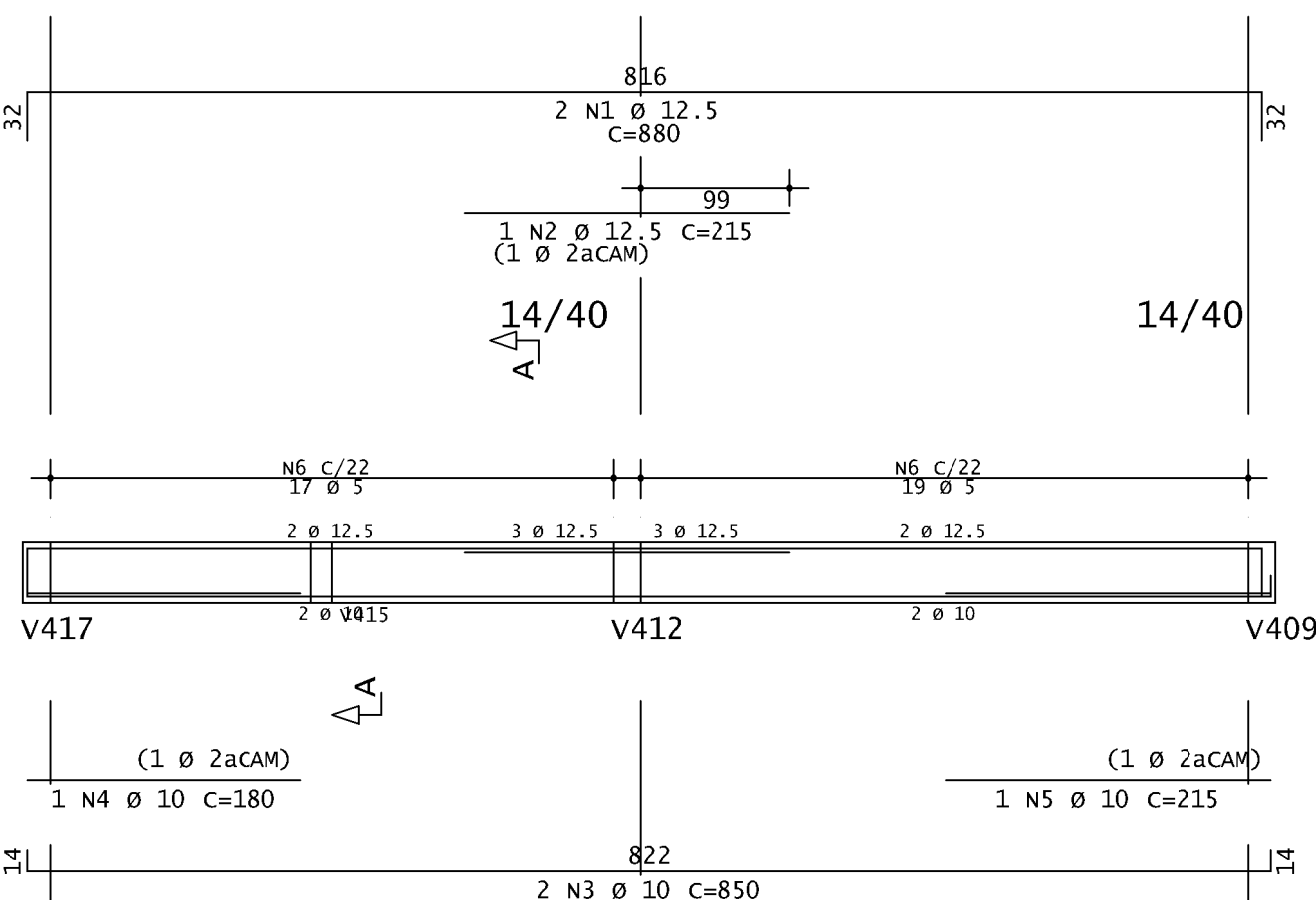
v436



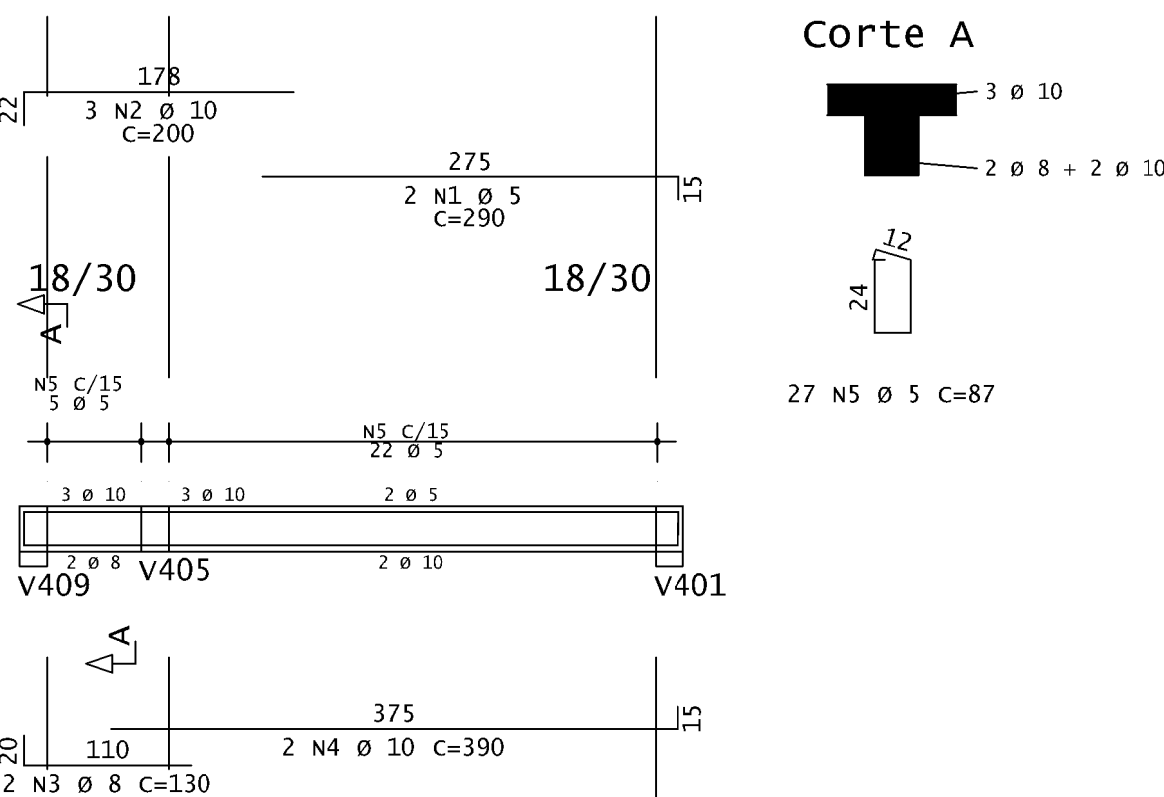
v437



v440



v439



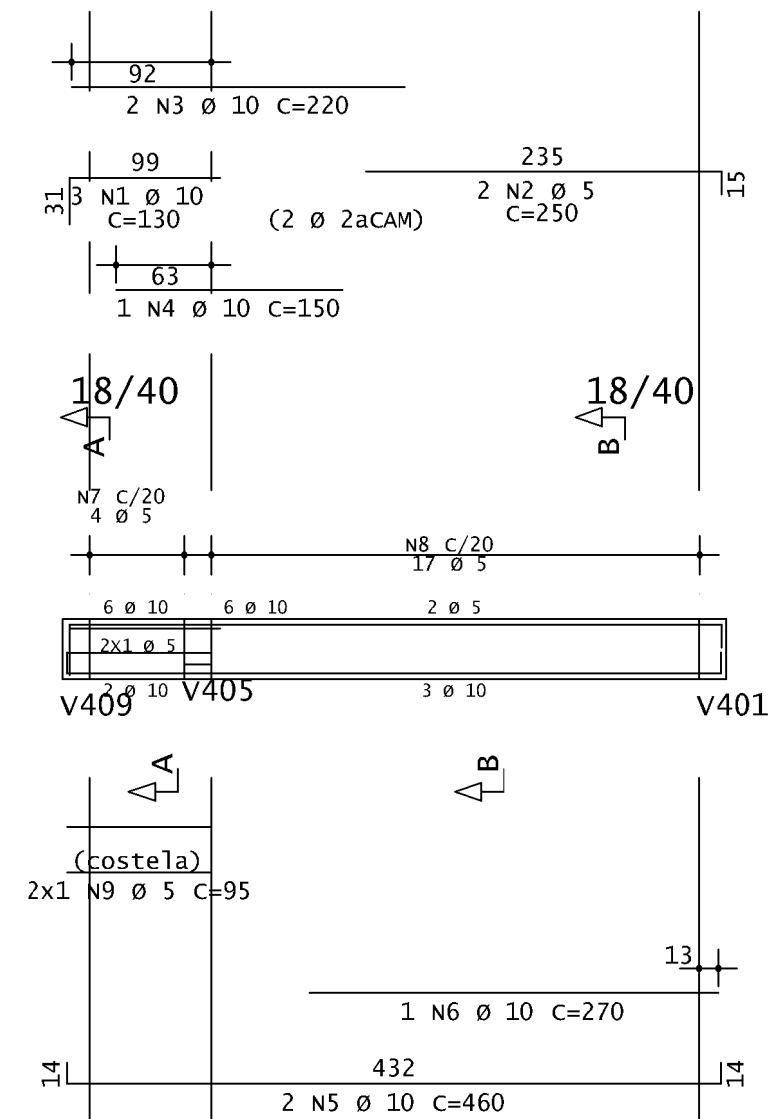
	AÇO	POS	BIT	QUANT	COMPROMIMENTO	
					UNIT	TOTAL
			mm		cm	cm
V433	50A	1	10	2	505	1010
	50A	2	10	1	255	255
	50A	3	10	2	490	980
	60A	4	5	21	99	2079
V434	60A	1	5	2	205	410
	50A	2	12,5	2	475	950
	50A	3	12,5	2	70	185
	50A	4	10	3	260	780
	50A	5	10	2	440	880
	50A	6	10	2	365	730
	50A	7	10	1	215	215
	50A	8	5	22	107	2354
	60A	9	5	13	127	1651
	60A	10	5	2	444	888
	60A	11	5	4	341	1364
V435	50A	1	10	3	260	780
	50A	2	16	2	715	1430
	50A	3	16	2	600	1320
	50A	4	10	2	520	1560
	50A	5	10	2	400	800
	50A	6	5	17	107	1819
	60A	7	5	24	159	3816
	60A	8	5	4	466	1864
V436	60A	1	5	2	460	920
	50A	2	10	2	460	920
	50A	3	10	1	380	380
	60A	4	5	19	99	1881
V437	60A	1	5	2	280	560
	50A	2	10	3	220	660
	50A	3	10	3	130	390
	50A	4	10	2	390	780
	50A	5	10	1	215	215
	60A	6	5	3	107	321
	60A	7	5	15	99	1485
	60A	8	5	2	95	190
V438	60A	1	5	2	290	580
	50A	2	10	4	180	720
	50A	3	10	2	430	860
	50A	4	10	2	265	265
	60A	5	5	18	107	1926
	60A	6	5	2	402	804
V439	60A	1	5	2	290	580
	50A	2	10	2	690	1380
	50A	3	8	2	130	260
	50A	4	10	2	390	780
V440	60A	5	5	27	87	2349
	50A	1	12,5	2	880	1760
	50A	2	12,5	1	215	215
	50A	3	10	2	850	1700
	50A	4	10	1	180	180
	50A	5	10	1	215	215
	60A	6	5	36	99	3564

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	334	48
50A	8	3	1
50A	10	167	103
50A	12,5	33	32
50A	16	28	43
Peso Total		60A =	48 kgf
Peso Total		50A =	179 kgf

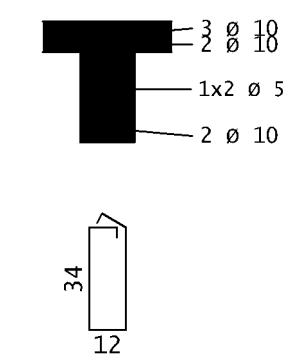
RUA: RUA LUIZ AVILES, 80		BAIRRO: CENTRO	
LOTES: 01/05	QUADRA: 059	ÍNDICE PTU: 01	0.050.0135.021
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
DATA: _____		DATA: 04/10/2025	

RESPONSÁVEIS	
PROPRIETÁRIO:	CPF / CNPJ:
CÂMARA MUNICIPAL DE MARTINHO CAMPOS	
23.996.370/0001-1	
RESPONSÁVEL TÉCNICO:	CREA:
SÁVIO VINÍCIUS ISRAEL	
SAVIOVINICIUS.ENGENH@GMAIL.COM	
0RENTANG@CONSULTORA@GMAIL.COM	
CREATING - 259.960 D	
(17) 9.8827.9194	
(37) 9.9996-7370	

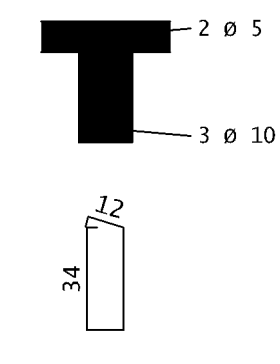
v441



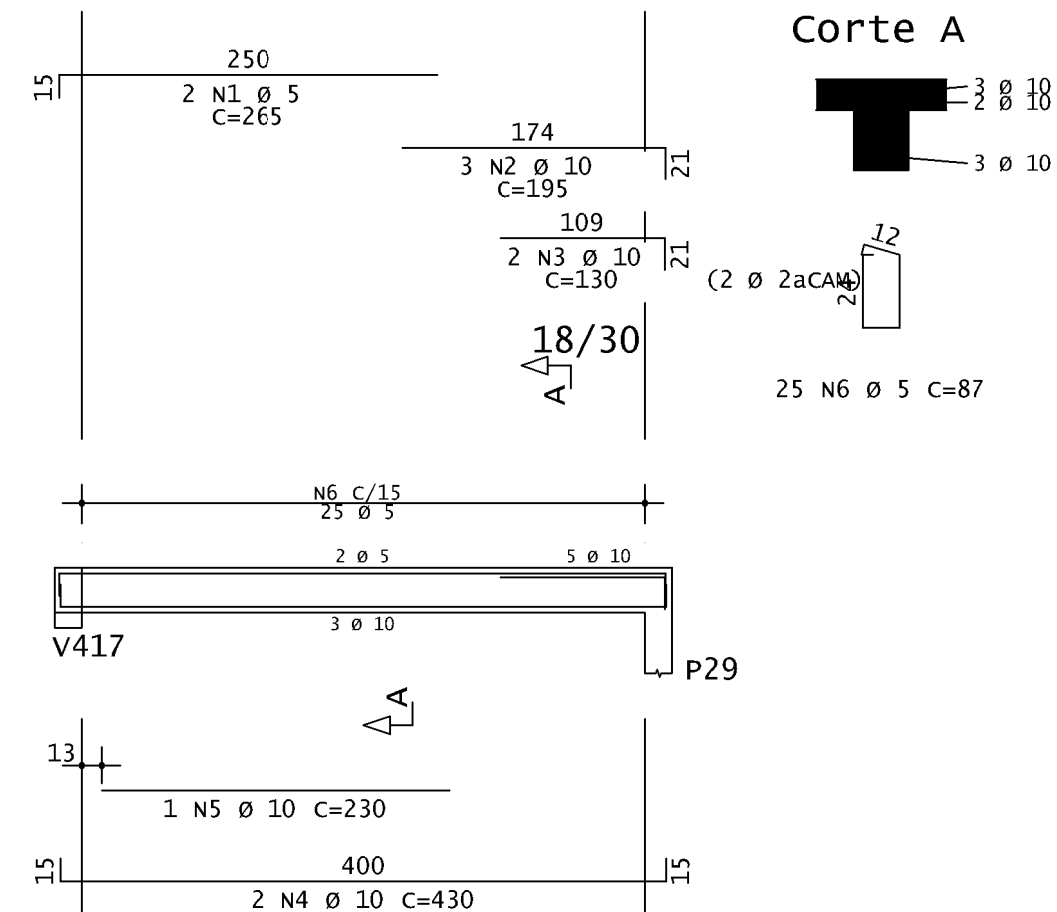
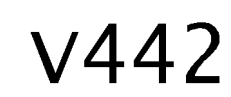
Corte A



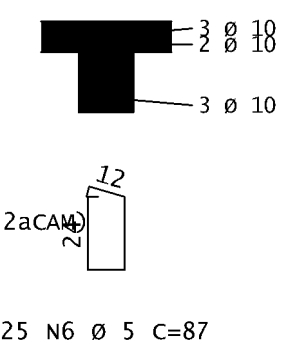
Corte B



4 N7 Ø 5 C=119 17 N8 Ø 5 C=107



Corte A

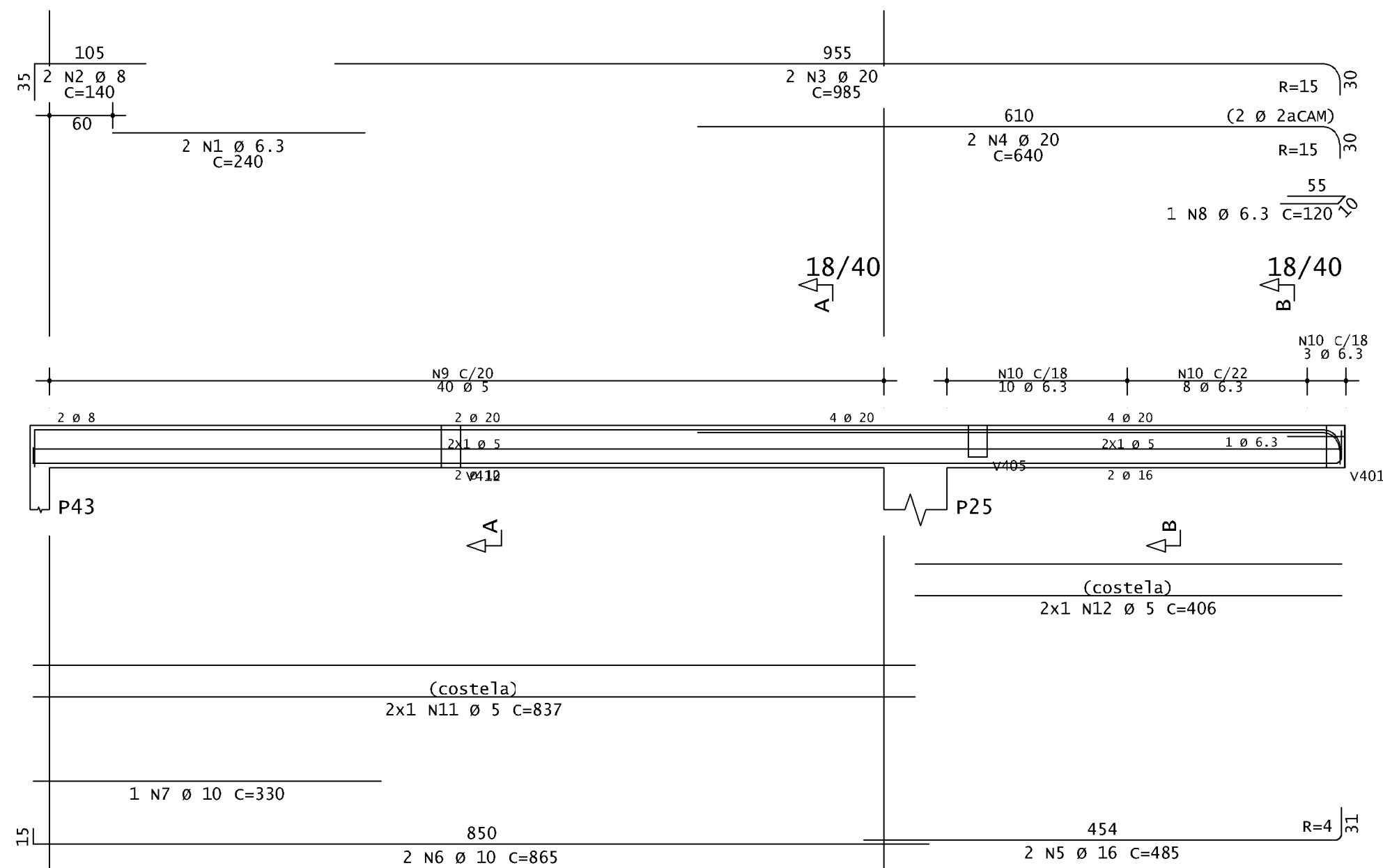


25 N6 Ø 5 C=87

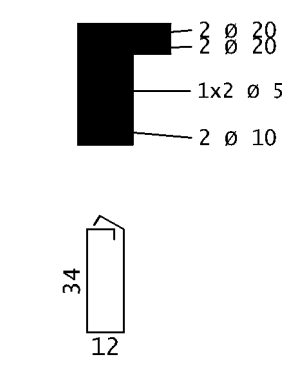
AÇO	POS	BIT	QUANT	COMPRIIMENTO		
				UNIT	TOTAL	
		mm		cm	cm	
V441	50A	1	5	3	130	390
	50A	2	5	2	250	500
	50A	3	10	2	220	440
	50A	4	10	1	150	150
	50A	5	10	2	460	920
	50A	6	10	1	270	270
	50A	7	5	4	119	476
	60A	8	5	17	107	1819
	60A	9	5	2	95	190
V442	60A	1	5	2	265	530
	50A	2	10	3	195	585
	50A	3	10	2	130	260
	50A	4	10	2	430	860
	50A	5	10	1	230	230
	60A	6	5	25	87	2175
V443	50A	1	6.3	2	240	480
	50A	2	8	2	140	280
	50A	3	20	2	985	1970
	50A	4	20	2	640	1280
	50A	5	16	2	485	970
	50A	6	10	2	865	1730
	50A	7	10	1	330	330
	50A	8	6.3	1	120	120
	60A	9	5	40	119	4760
	50A	10	6.3	21	120	2520
	60A	12	8	5	837	1674
	60A	12	5	2	406	812

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	129	20
50A	6.3	31	8
50A	8	3	1
50A	10	62	38
50A	16	10	15
50A	20	33	80
Peso Total		60A =	20 kgf
Peso Total		50A =	142 kaf

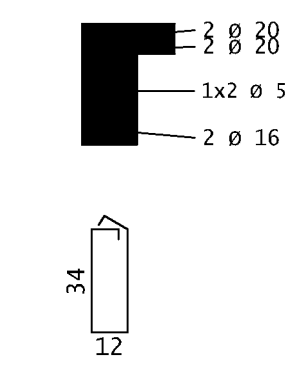
v443



Corte A



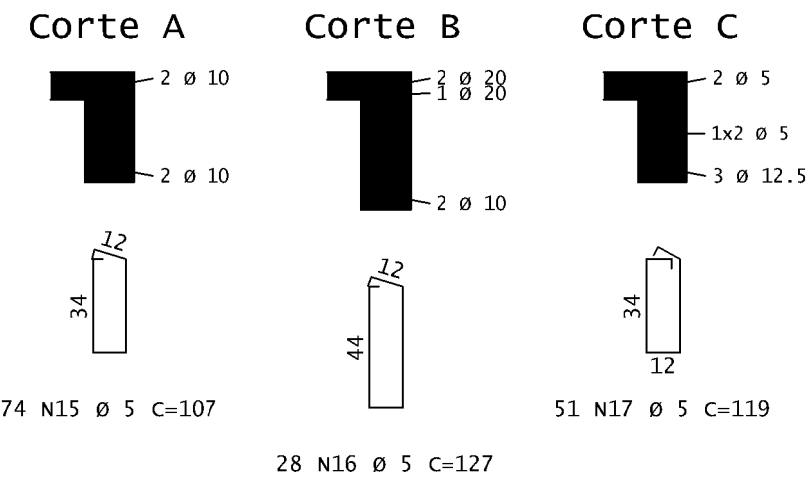
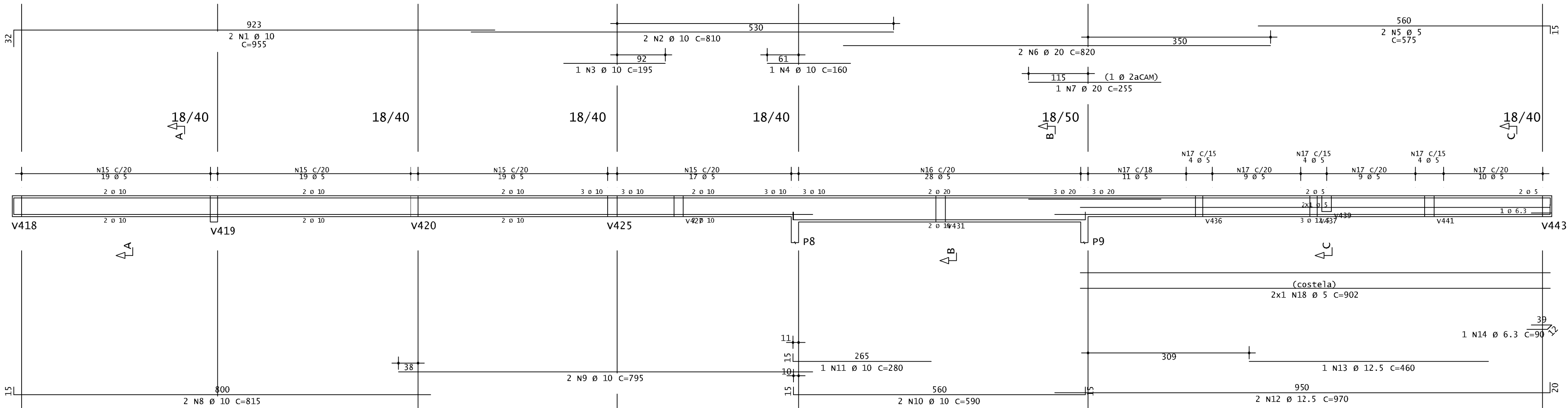
Corte B



40 N9 Ø 5 C=119 21 N10 Ø 6.3 C=120

		<p>PROJETO</p>		<p>FECHA: _____</p> <p>TECNICO RESPONSÁVEL: _____</p>
<p>AVIA: RUA LUÍZ ALVES, 86</p>		<p>BARRIO: CENTRO</p>		
<p>LOTES: 01/05</p>		<p>INDICE FTU: 01/1.050/01/05.001</p>		
<p>TITULO: PROJETO ESTRUTURAL</p>		<p>USO: INSTITUCIONAL</p>		
<p>CONTEÚDO: _____</p>		<p>DATA: 04/10/2025</p>		
<p>RESPONSÁVEIS</p>				
<p>PROPRIETÁRIO:</p>		<p>CPF / CNPJ:</p>		<p>FECHA: _____</p> <p>TECNICO RESPONSÁVEL: _____</p>
<p>_____</p>		<p>_____</p>		
<p>CÂMARA MUNICIPAL DE MARTINHO CAMPOS</p>		<p>23.999.370/0001-10</p>		
<p>RESPONSÁVEL TÉCNICO:</p>		<p>CREA:</p>		
<p>SÁHIO VINÍCIUS ISRAEL</p>		<p>CREATING - 359.969 D</p>		<p>FECHA: _____</p> <p>TECNICO RESPONSÁVEL: _____</p>
<p>SÁHIOSELENE.ENGGMAIL.COM</p>		<p>(37) 9.1807-0734</p>		
<p>ORIENTACAO CONSULTORIA@GMAIL.COM</p>		<p>(37) 9.9996-7370</p>		

V401



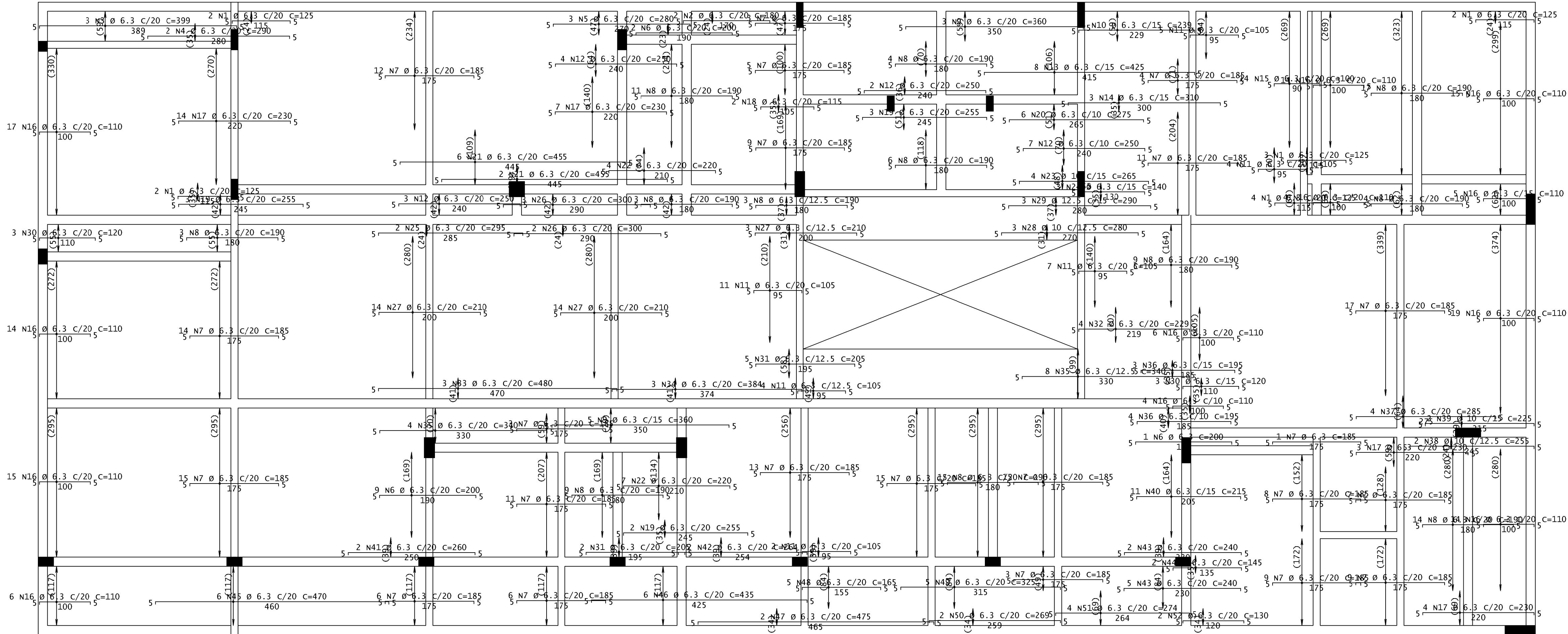
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
V401					
50A	1	10	2	955	1910
50A	2	10	2	810	1620
50A	3	10	1	195	195
50A	4	10	1	160	160
60A	5	5	2	575	1150
50A	6	20	2	820	1640
50A	7	20	1	255	255
50A	8	10	2	815	1630
50A	9	10	2	795	1590
50A	10	10	2	590	1180
50A	11	10	1	280	280
50A	12	12.5	2	970	1940
50A	13	12.5	1	460	460
50A	14	6.3	1	90	90
60A	15	5	74	107	7918
60A	16	5	28	127	3556
60A	17	5	51	119	6069
60A	18	5	2	902	1804

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
60A	5	205	32
50A	6.3	1	0
50A	10	85	53
50A	12.5	24	23
50A	20	13	47
Peso Total		60A =	32 kgf
Peso Total		50A =	123 kgf

PROJETO		
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO	
LOTES: 0188	QUADRA: 059	ÍNDICE PTU: 01.1.059.0188.001
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL	
CONTEÚDO:		DATA: 04/10/2025
RESPONSÁVEIS		
PROPRIETÁRIO:	CPF / CNPJ:	
CÁMARA MUNICIPAL DE MARTINHO CAMPOS	23.886.370/0001-12	FELIX
RESPONSÁVEL TÉCNICO:	CREA:	
SÁVIO VINÍCIUS ISRAEL	CREA/ING - 398.989-D	
SAVIOISRAEL.ENG@GMAIL.COM	(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM	(37) 9.9996-7310	

Terceiro - Armadura negativa principal

1x



94 N53 Ø 5 C/20 C=1140

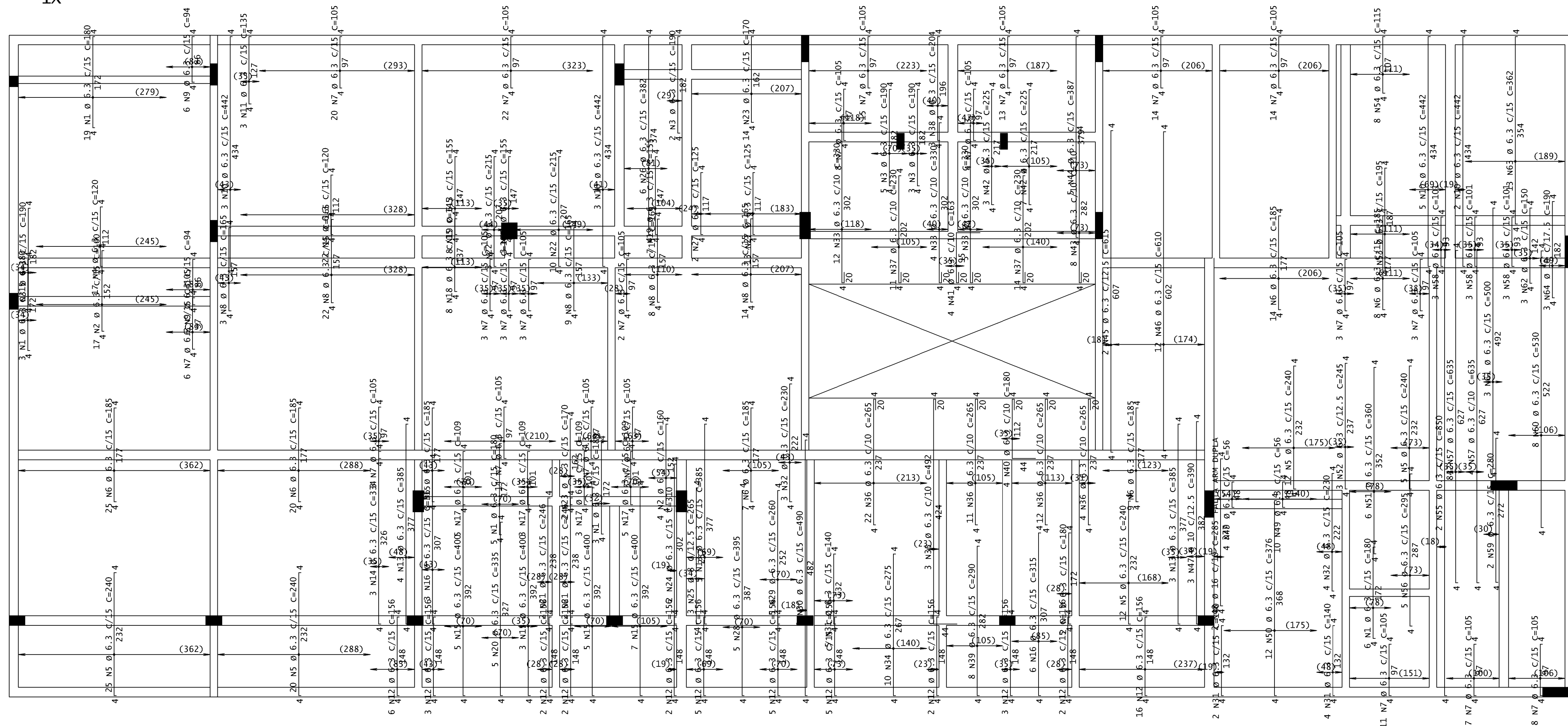
AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
mm					
cm					
cm					
Terceiro - Armadura negativa principal					
50A	1	6.3	13	125	1625
50A	2	6.3	2	180	360
50A	3	6.3	3	399	1197
50A	4	6.3	2	290	580
50A	5	6.3	3	280	840
50A	6	6.3	12	200	2400
50A	7	6.3	196	185	36260
50A	8	6.3	98	190	18620
50A	9	6.3	8	360	2880
50A	10	6.3	4	239	956
50A	11	6.3	33	105	3465
50A	12	6.3	16	250	4000
50A	13	6.3	8	425	3400
50A	14	6.3	3	310	930
50A	15	6.3	14	100	1400
50A	16	6.3	133	110	14630
50A	17	6.3	28	230	6440
50A	18	6.3	2	115	230
50A	19	6.3	8	255	2040
50A	20	6.3	6	275	1650
50A	21	6.3	8	455	3640
50A	22	6.3	11	220	2420
50A	23	10	4	265	1060
50A	24	6.3	3	140	420
50A	25	6.3	2	295	590
50A	26	6.3	5	300	1500
50A	27	6.3	31	210	6510
50A	28	10	3	280	840
50A	29	12.5	3	290	870
50A	30	6.3	6	120	720
50A	31	6.3	7	205	1435
50A	32	6.3	4	229	916
50A	33	6.3	3	480	1440
50A	34	6.3	3	384	1152
50A	35	6.3	12	340	4080
50A	36	6.3	7	195	1365
50A	37	6.3	4	285	1140
50A	38	10	2	255	510
50A	39	10	2	225	450
50A	40	6.3	11	215	2365
50A	41	6.3	2	260	520
50A	42	6.3	2	264	528
50A	43	6.3	7	240	1680
50A	44	6.3	2	145	290
50A	45	6.3	6	470	2820
50A	46	6.3	6	435	2610
50A	47	6.3	2	475	950
50A	48	6.3	5	165	825
50A	49	6.3	5	325	1625
50A	50	6.3	2	269	538
50A	51	6.3	4	274	1096
50A	52	6.3	2	130	260
60A	53	5	94	1140	107160

RESUMO DE AÇO			
AÇO	BIT mm	COMPR	PESO kgf
60A	5	1072	165
50A	6.3	1473	361
50A	10	29	18
50A	12.5	9	8
Peso Total		60A =	165 kgf
Peso Total		50A =	387 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88	BARRIO: CENTRO		
LOTES: 0108	QUADRA: 099	ÍNDICE PTU: 01.1.059.0135.001	
TÍTULO: PROJETO ESTRUTURAL	USO: INSTITUCIONAL		
CONTEÚDO:		DATA: 04/10/2025	
RESPONSÁVEIS			
PROPRIETÁRIO: CPM / CNPJ: 23.886.370/0001-12		FECHA:	
CÁMARA MUNICIPAL DE MARTINHO CAMPOS			
RESPONSÁVEL TÉCNICO: CREA:			
SÁVIO VINÍCIUS ISRAEL CREA/ING - 299.989-D			
SAVIOISRAEL.ENGSGMAIL.COM (37) 9.8827-9134			
ORIENTAENG CONSULTORIA@GMAIL.COM (37) 9.9996-7310			
EST. PROJETO CAMPA			


Terceiro - Armadura negativa secundaria

1x



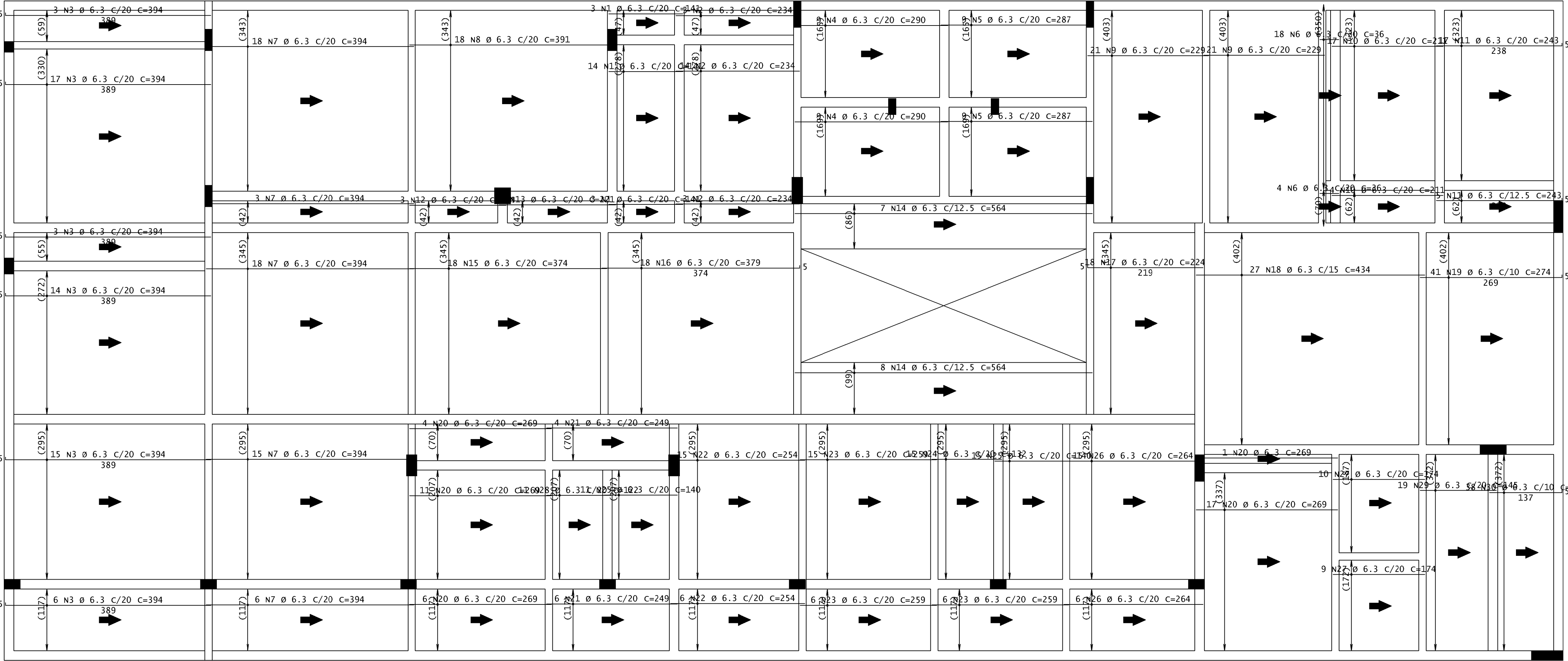
AÇO	POS	BIT	QUANT	COMPROMENTO	
		mm		UNIT	TOTAL
Terceiro – Armadura negativa secundária					
50A	1	6,3	38	180	6840
50A	2	6,3	21	160	3360
50A	3	6,3	13	190	2470
50A	4	6,3	39	120	4680
50A	5	6,3	7	240	17760
50A	6	6,3	86	185	15910
50A	7	6,3	186	105	19530
50A	8	6,3	56	165	9240
50A	9	6,3	12	94	1128
50A	10	6,3	13	442	5746
50A	11	6,3	3	135	405
50A	12	6,3	53	156	8268
50A	13	6,3	12	385	4620
50A	14	6,3	2	334	1002
50A	15	6,3	20	400	8000
50A	16	6,3	9	315	2835
50A	17	6,3	16	109	1744
50A	18	6,3	145	145	1160
50A	19	6,3	18	155	2790
50A	20	6,3	5	335	1675
50A	21	6,3	4	246	984
50A	22	6,3	135	215	2735
50A	23	6,3	16	170	2720
50A	24	6,3	2	310	620
50A	25	6,3	3	265	795
50A	26	6,3	6	382	2292
50A	27	6,3	175	125	1875
50A	28	6,3	5	395	1775
50A	29	6,3	5	260	1300
50A	30	6,3	2	490	980
50A	31	6,3	1140	140	1540
50A	32	6,3	7	230	1610
50A	33	6,3	21	330	6930
50A	34	6,3	10	275	2750
50A	35	6,3	3	492	1476
50A	36	6,3	40	265	12985
50A	37	6,3	25	230	5750
50A	38	6,3	3	204	612
50A	39	6,3	8	290	2320
50A	40	6,3	4	180	720
50A	41	6,3	3	163	652
50A	42	6,3	10	225	2250
50A	43	6,3	8	310	2480
50A	44	6,3	5	387	1935
50A	45	6,3	3	615	1230
50A	46	6,3	12	610	7320
50A	47	10	3	390	1170
50A	48	16	2	285	570
50A	49	6,3	14	56	784
50A	50	6,3	12	376	4512
50A	51	6,3	6	360	2160
50A	52	6,3	3	245	735
50A	53	6,3	8	195	1560
50A	54	6,3	2	115	920
50A	55	6,3	2	850	1700
50A	56	6,3	5	295	1475
50A	57	6,3	7	635	4445
50A	58	6,3	9	101	909
50A	59	6,3	2	280	560
50A	60	6,3	8	530	4240
50A	61	6,3	3	500	1500
50A	62	6,3	3	150	450
50A	63	6,3	13	362	4706
50A	64	10	3	190	570

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6.3	2179	534
50A	8	8	3
50A	10	17	11
50A	16	6	9
Peso Total	50A =		557 kgf

RUA: RUA LUÍZ ALVES, 89		BARRIO: CENTRO	
LOTES: 0156	QUADRA: 059	INDICE FTU: 011.059.015.001	
TITULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO: _____		DATA: 04/10/2025	
RESPONSÁVEL			
PROPRIETÁRIO		CPF / CNPJ	
CÂMARA MUNICIPAL DE MARTINHO ZAMPOS		23.898.370/0001-12	
RESPONSÁVEL TÉCNICO		CREA	
SÁVIO VINÍCIUS ISRAEL SAVIOENR@GMAIL.COM ORIENTAENG@CONSULTORIA@GMAIL.COM		CREATING: 309.980-D (17) 8.807-0764 (31) 9.8996-7310	
		FOLHA	
		FOLHA Nº _____	

Terceiro - Armadura positiva principal


1x



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
Terceiro - Armadura positiva principal					
		mm		cm	cm
50A	1	6.3	20	141	2820
50A	2	6.3	20	234	4680
50A	3	6.3	58	394	22852
50A	4	6.3	18	290	5220
50A	5	6.3	18	287	5166
50A	6	6.3	22	36	792
50A	7	6.3	60	394	23640
50A	8	6.3	18	391	7038
50A	9	6.3	42	229	9618
50A	10	6.3	21	211	4431
50A	11	6.3	22	243	5346
50A	12	6.3	3	184	552
50A	13	6.3	3	221	662
50A	14	6.3	15	564	8460
50A	15	6.3	18	374	6732
50A	16	6.3	18	379	6822
50A	17	6.3	18	224	4032
50A	18	6.3	27	434	11718
50A	19	6.3	41	274	11234
50A	20	6.3	39	269	10491
50A	21	6.3	10	249	2490
50A	22	6.3	21	254	5334
50A	23	6.3	27	259	6993
50A	24	6.3	15	132	1980
50A	25	6.3	26	140	3640
50A	26	6.3	21	264	5544
50A	27	6.3	19	174	3306
50A	28	6.3	11	122	1342
50A	29	6.3	19	145	2755
50A	30	6.3	38	142	5396

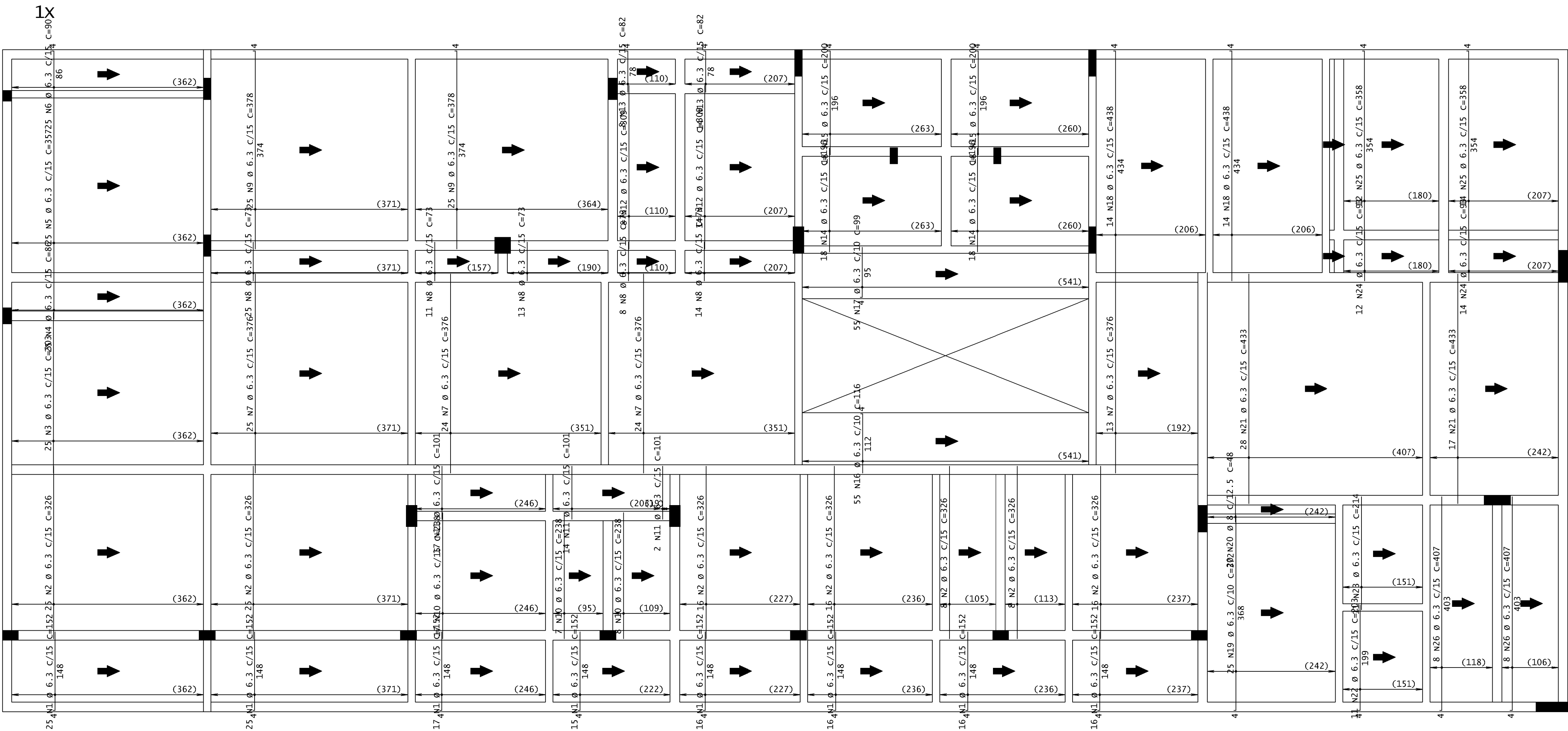
RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
50A	6.3	1911	468
Peso Total		50A =	468 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188	QUADRA: 059	ÍNDICE PIV: 01.1.059.0188.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:		DATA:	04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÁMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 396.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	



EST. PROJETO CAMPA

Terceiro - Armadura positiva secundaria



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
Terceiro - Armadura positiva secundaria					
50A	1	6.3	146	152	22192
50A	2	6.3	114	326	37164
50A	3	6.3	25	303	7575
50A	4	6.3	25	86	2150
50A	5	6.3	25	357	8925
50A	6	6.3	25	90	2250
50A	7	6.3	86	376	32336
50A	8	6.3	71	73	5183
50A	9	6.3	50	378	18900
50A	10	6.3	32	238	7616
50A	11	6.3	33	101	3333
50A	12	6.3	22	309	6798
50A	13	6.3	22	82	1804
50A	14	6.3	36	196	7056
50A	15	6.3	36	200	7200
50A	16	6.3	55	116	6380
50A	17	6.3	55	99	5445
50A	18	6.3	28	438	12264
50A	19	6.3	25	372	9300
50A	20	8	20	48	960
50A	21	6.3	45	433	19485
50A	22	6.3	11	203	2233
50A	23	6.3	11	214	2354
50A	24	6.3	26	93	2418
50A	25	6.3	26	358	9308
50A	26	6.3	16	407	6512

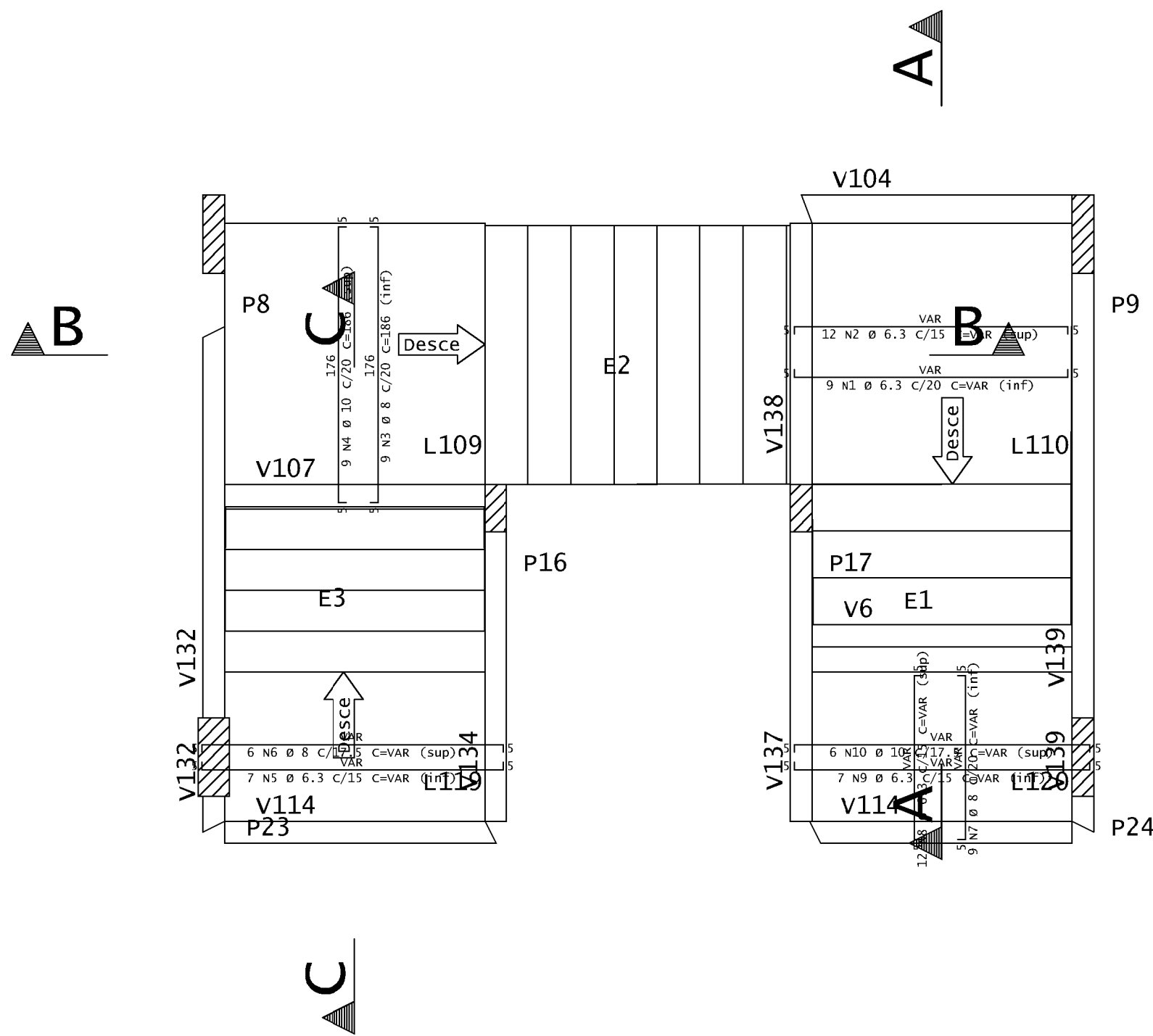
RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
50A	6.3	2462	603
50A	8	10	4
Peso Total		50A =	607 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188	QUADRA: 089	ÍNDICE IPTU: 01.1.050.0188.001	
TÍTULO: PROJETO ESTRUTURAL		USO: INSTITUCIONAL	
CONTEÚDO:			DATA: 04/10/2025
RESPONSÁVEIS			
PROPRIETÁRIO:		CPF / CNPJ:	
CÂMARA MUNICIPAL DE MARTINHO CAMPOS		23.886.370/0001-12	
RESPONSÁVEL TÉCNICO:		CREA:	
SÁVIO VINÍCIUS ISRAEL		CREA/ING - 396.989-D	
SAVIOISRAEL.ENG@GMAIL.COM		(37) 9.8827-9134	
ORIENTAENG CONSULTORIA@GMAIL.COM		(37) 9.9996-7310	
TIPONOME INSCRICAO		FOLHA:	
EST. PROJETO CAMPA			

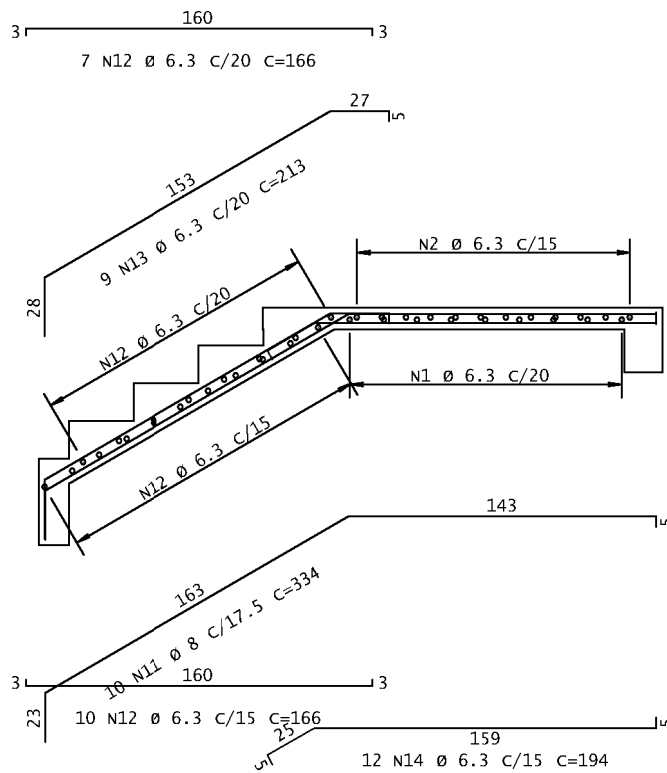


Planta Escada-1 - Subsolo

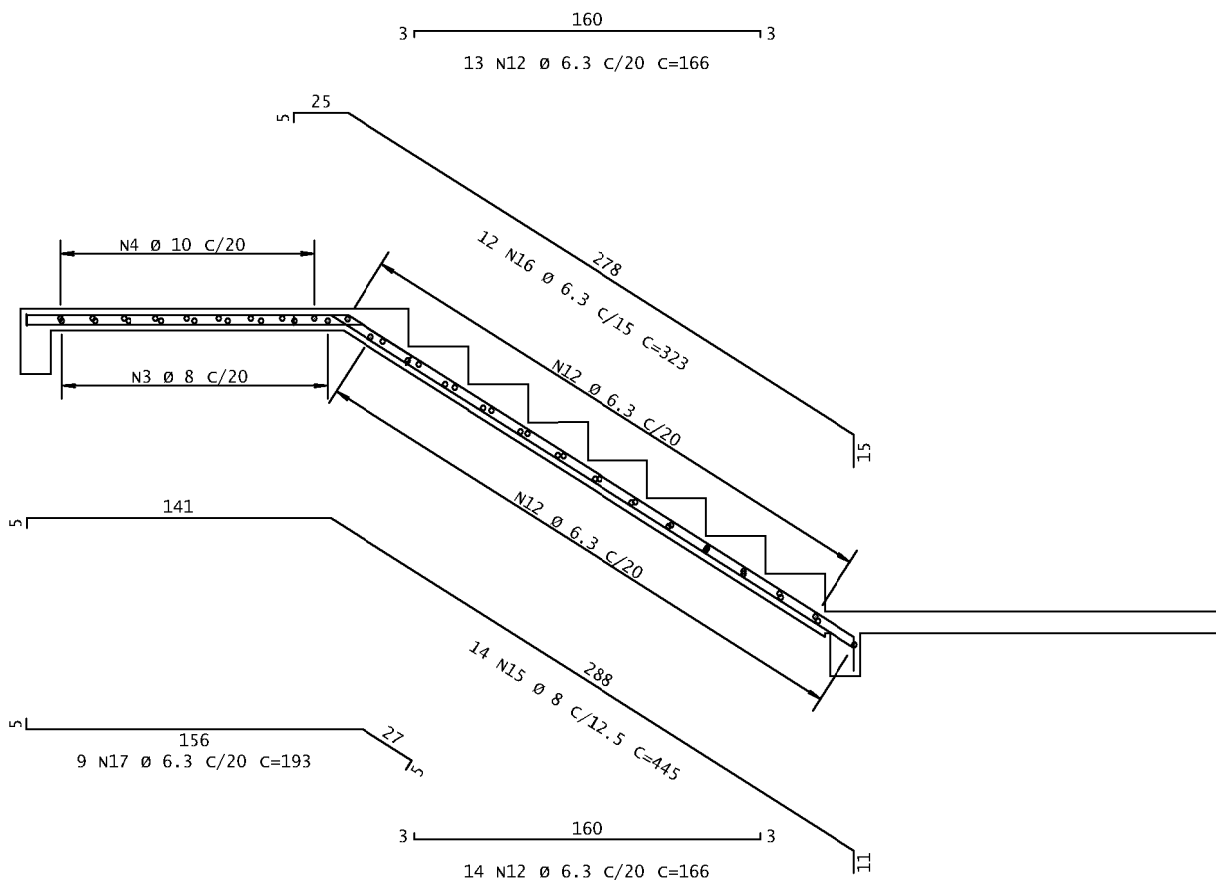
3x



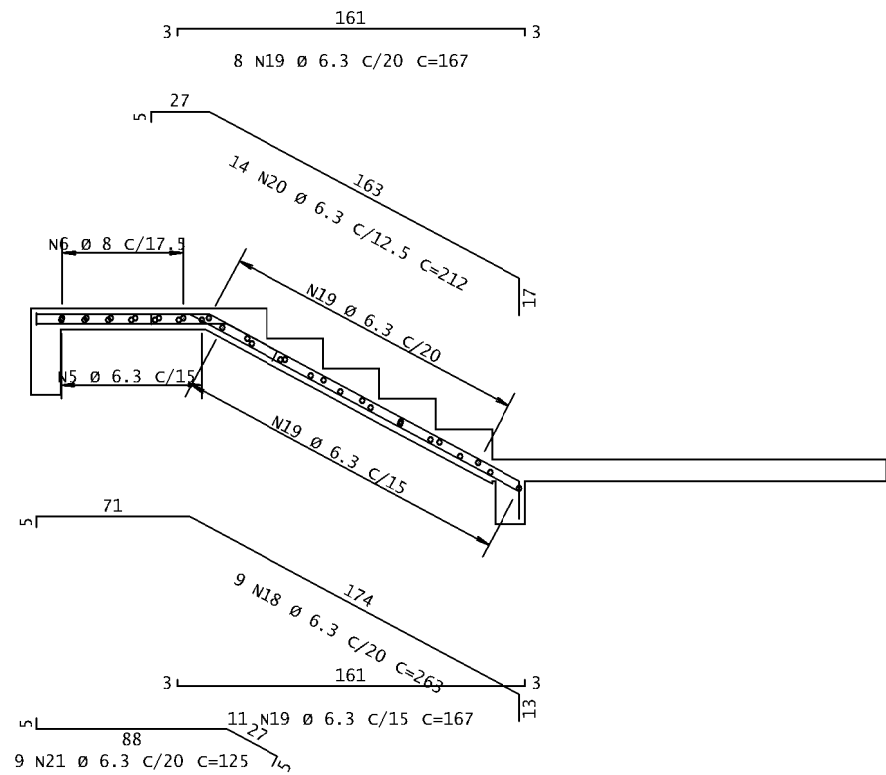
Corte A-A



Corte B-B



Corte C-C



AÇO	POS	BIT	QUANT	COMPRIMENTO	
				UNIT	TOTAL
		mm		cm	cm
Planta Escada-1 - Subsolo (x3)					
50A	1	6.3	27	--VAR--	5076
50A	2	6.3	36	--VAR--	6804
50A	3	8	27	--VAR--	5022
50A	4	10	27	--VAR--	5022
50A	5	6.3	21	--VAR--	4137
50A	6	8	18	--VAR--	3528
50A	7	8	27	--VAR--	3078
50A	8	6.3	36	--VAR--	4104
50A	9	6.3	21	--VAR--	4095
50A	10	10	18	--VAR--	3492
50A	11	8	30	--VAR--	10020
50A	12	6.3	132	--VAR--	21912
50A	13	6.3	27	--VAR--	5751
50A	14	6.3	36	--VAR--	6984
50A	15	8	42	--VAR--	18690
50A	16	6.3	36	--VAR--	11628
50A	17	6.3	27	--VAR--	5211
50A	18	6.3	27	--VAR--	7101
50A	19	6.3	57	--VAR--	9519
50A	20	6.3	42	--VAR--	8904
50A	21	6.3	27	--VAR--	3375

RESUMO DE AÇO			
AÇO	BIT	COMPR	PESO
	mm	m	kgf
50A	6.3	10465	256
50A	8	403	159
50A	10	85	53
Peso Total		50A =	468 kgf

PROJETO			
RUA: RUA LUÍZ ALVES, 88		BARRIO: CENTRO	
LOTES: 0188	QUADRA: 059	ÍNDICE PIV: 01.1.059.0188.001	
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RESPONSÁVEIS			
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