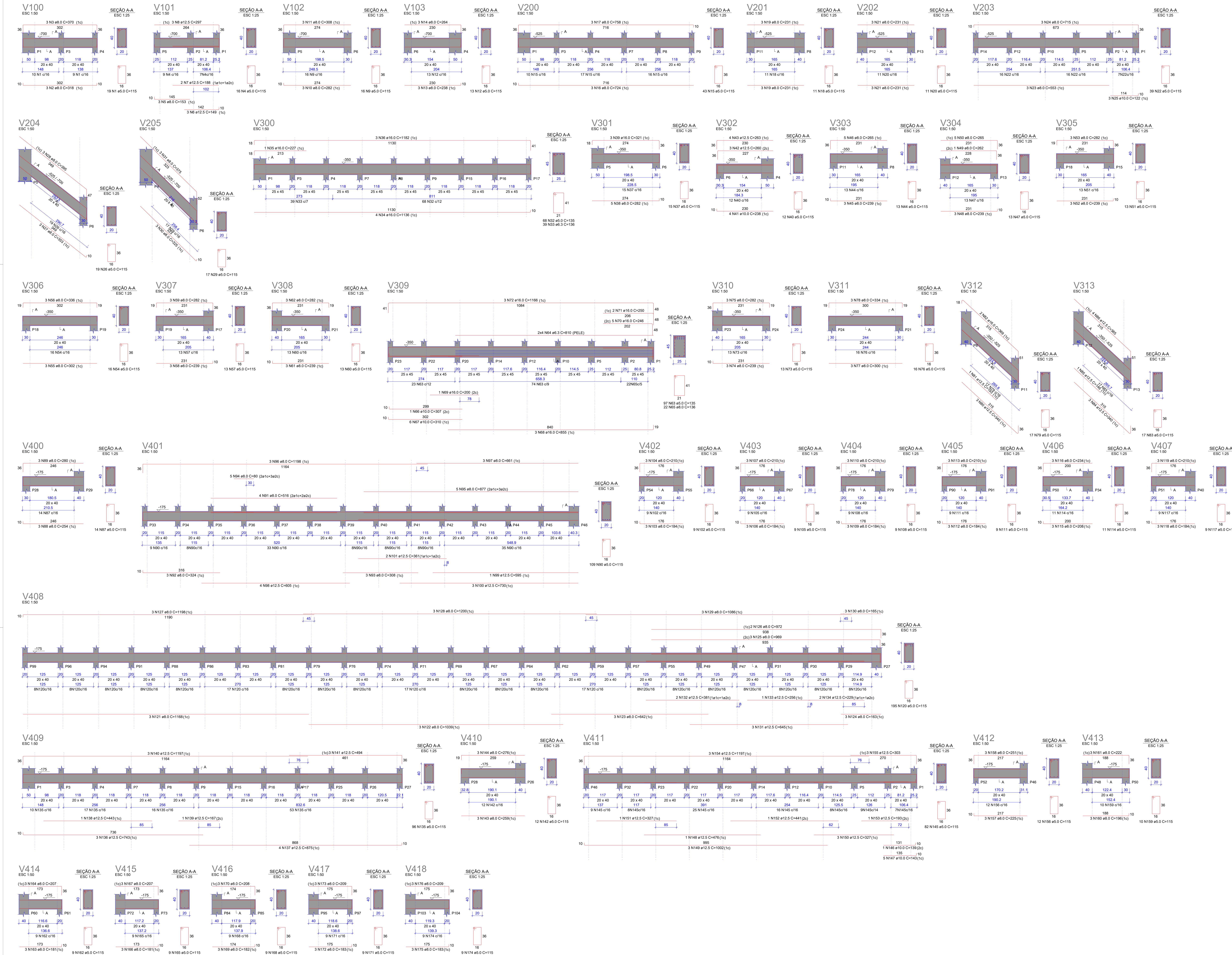




RELAÇÃO DO AÇO						
ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C/UNT (nº)	C TOTAL (m)
V100-L1	CA50	1	5,0	15	115	2185
	CA50	3	8,0	3	316	948
	CA50	3	8,0	3	370	1110
	CA50	5	8,0	5	153	489
	CA50	6	8,0	6	165	546
V101-L1	CA50	7	12,5	2	186	376
	CA50	8	12,5	3	287	861
	CA50	9	5,0	16	115	1840
	CA50	10	8,0	5	282	846
	CA50	12	8,0	3	306	924
V102-L1	CA50	14	8,0	3	284	792
	CA50	14	8,0	3	284	792
	CA50	16	8,0	3	274	712
	CA50	17	8,0	3	278	7274
	CA50	18	5,0	11	115	1285
V200-L2	CA50	18	5,0	11	115	1285
	CA50	21	8,0	5	221	1386
	CA50	22	8,0	3	282	846
	CA50	23	8,0	3	283	849
	CA50	24	8,0	3	275	814
V201-L2	CA50	25	10,0	3	122	366
	CA50	26	5,0	19	115	2185
	CA50	27	8,0	3	363	1098
	CA50	28	8,0	3	389	1185
	CA50	29	5,0	12	115	1805
V202-L2	CA50	30	8,0	3	382	1175
	CA50	31	8,0	3	382	1175
	CA50	32	5,0	68	135	9180
	CA50	33	5,0	29	136	3934
	CA50	34	16,0	4	1126	4544
V203-L2	CA50	35	16,0	1	227	227
	CA50	36	16,0	3	1182	3546
	CA50	37	5,0	10	115	1125
	CA50	38	5,0	5	382	1410
	CA50	39	16,0	5	321	1605
V204-L2	CA50	40	5,0	115	115	1325
	CA50	41	10,0	4	238	952
	CA50	42	12,5	4	280	1120
	CA50	43	12,5	4	283	1032
	CA50	46	8,0	3	280	840
V300-L3	CA50	46	8,0	3	280	840
	CA50	47	5,0	13	115	1495
	CA50	48	8,0	3	280	840
	CA50	50	8,0	3	285	1325
	CA50	51	8,0	3	280	840
V301-L3	CA50	52	8,0	3	229	717
	CA50	53	8,0	3	292	866
	CA50	54	5,0	16	115	1840
	CA50	55	8,0	3	336	1008
	CA50	57	5,0	13	115	1495
V302-L3	CA50	57	5,0	13	115	1495
	CA50	58	8,0	3	282	846
	CA50	59	8,0	3	282	846
	CA50	61	8,0	3	229	717
	CA50	62	16,0	3	292	866
V303-L3	CA50	63	5,0	97	135	13095
	CA50	64	6,3	870	6480	
	CA50	65	8,0	22	135	2992
	CA50	66	10,0	1	307	307
	CA50	68	16,0	5	850	2585
V310-L3	CA50	69	16,0	5	850	2585
	CA50	70	16,0	5	246	1230
	CA50	71	16,0	5	246	1230
	CA50	72	16,0	3	1165	3498
	CA50	73	5,0	13	115	1495
V311-L3	CA50	74	8,0	3	289	717
	CA50	75	8,0	3	289	717
	CA50	76	8,0	3	289	717
	CA50	77	8,0	3	300	900
	CA50	78	8,0	3	304	912
V312-L3	CA50	78	5,0	17	115	1995
	CA50	79	5,0	17	115	1995
	CA50	80	12,5	4	280	1120
	CA50	81	12,5	1	193	193
	CA50	82	16,0	3	389	1185
V313-L3	CA50	83	5,0	17	115	1995
	CA50	83	5,0	17	115	1995
	CA50	84	12,5	4	280	1120
	CA50	85	12,5	4	385	1460
	CA50	86	8,0	3	280	840
V400-L4	CA50	86	8,0	3	280	840
	CA50	87	8,0	3	254	762
	CA50	88	8,0	3	254	762
	CA50	89	8,0	3	280	840
	CA50	90	5,0	109	115	12535
V401-L4	CA50	91	8,0	3	539	2694
	CA50	92	8,0	3	324	972
	CA50	93	8,0	3	368	1104
	CA50	94	8,0	3	368	1104
	CA50	95	8,0	3	877	4385
V402-L4	CA50	96	12,5	3	1185	3555
	CA50	97	8,0	3	861	1983
	CA50	98	12,5	3	605	2420
	CA50	99	12,5	1	595	595
	CA50	100	12,5	3	730	2190
V403-L4	CA50	101	12,5	2	361	722
	CA50	102	5,0	115	1335	
	CA50	103	8,0	3	184	552
	CA50	104	8,0	3	210	630
	CA50	105	8,0	3	184	552
V404-L4	CA50	106	8,0	3	184	552
	CA50	107	8,0	3	210	630
	CA50	108	5,0	9	115	1035
	CA50	109	8,0	3	210	630
	CA50	110	8,0	3	210	630
V405-L4	CA50	111	8,0	3	184	552
	CA50	112	8,0	3	210	630
	CA50	113	8,0	3	210	630
	CA50	114	8,0	3	210	630
	CA50	115	8,0	3	208	624
V406-L4	CA50	116	8,0	3	204	612
	CA50	117	5,0	9	115	1035
	CA50	118	8,0	3	210	630
	CA50	119	8,0	3	210	630
	CA50	120	5,0	195	115	22425
V407-L4	CA50	121	8,0	3	1165	3504
	CA50	122	8,0	3	1200	3600
	CA50	123	8,0	3	1085	3255
	CA50	124	8,0	3	1165	3495
	CA50	131	12,5	3	845	2535
V408-L4	CA50	132	12,5	3	845	2535
	CA50	133	12,5	1	256	256
	CA50	134	12,5	1	135	135
	CA50	135	12,5	96	115	11040
	CA50	136	12,5	743	2229	
V409-L4	CA50	137	12,5	4	875	3500
	CA50	138	12,5	1	443	443
	CA50	139	12,5	3	1167	3501
	CA50	140	12,5	3	1187	3591
	CA50	141	12,5	3	494	1482
V410-L4	CA50	142	5,0	12	115	1380
	CA50	143	8,0	3	259	777
	CA50	144	8,0	3	276	828
	CA50	145	5,0	82	115	9430
	CA50	146	10,0	1	139	139
V411-L4	CA50	147	10,0	1	143	143
	CA50	148	12,5	3	1167	3501
	CA50	149	12,5	3	1020	3060
	CA50	150	12,5	3	1020	3060
	CA50	151	12,5	1	327	327
V412-L4	CA50	152	12,5	1	441	441
	CA50	153	12,5	1	193	193
	CA50	154	12,5	3	1187	3561
	CA50	155	12,5	3	303	909
	CA50	156	5,0	12	115	1380
V413-L4	CA50	157	8,0	3	225	675
	CA50	158	8,0	3	221	663
	CA50	159	8,0	3	196	588
	CA50	160	8,0	3	181	543
	CA50	162	5,0	9	115	1035
V414-L4	CA50	163	8,0	3	207	621
	CA50	164	8,0	3	207	621
	CA50	165	5,0	9	115	1035
	CA50	166	8,0	3	181	543
	CA50	167	8,0	3	207	621
V415-L4	CA50	168	8,0	3	182	546
	CA50	169	8,0	3	182	546
	CA50	170	5,0	9	115	1035
	CA50	171	5,0	9	115	1035
	CA50	172	8,0	3	209	627
V416-L4	CA50	173	8,0	3	182	546
	CA50	174	8,0	3	182	546
	CA50	175	8,0	3	182	546
	CA50	176	8,0	3	182	546
	CA50	177	8,0	3	182	546
V417-L4	CA50	178	8,0	3	182	546
	CA50	179	8,0	3	182	546
	CA50	180	8,0	3	182	546
	CA50	181	8,0	3	182	546
	CA50	182	8,0	3	182	546
V418-L4	CA50	183	8,0	3	182	546
	CA50	184	8,0	3	182	546
	CA50	185	8,0	3	182	546
	CA50	186	8,0	3	182	546
	CA50	187	8,0	3	182	546

RESUMO DO AÇO					
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10% (Barras)	PESO + 10% (kg)	
CA50	6,3	117,8	11	31,7	
	8,0	981,1	90	425,8	
	10,0	43,4	4	29,4	
	12,5	360,6	35	403,3	
	16,0	180,1	17	312,7	
CA60	5,0	1376,7	-	233,9	
PESO TOTAL (kg)					
CA50	1203				
CA60	233,9				

VOLUME de concreto (C-35) = 13,24 m³

Volume de concreto (C-35) = 13,24 m³
Área de forma = 165,88 m²

REVISÕES DE PROJETO		
REV.	DATA	ASSUNTO
1	28/02/2025	ALTERAÇÃO DE FRANCHAS