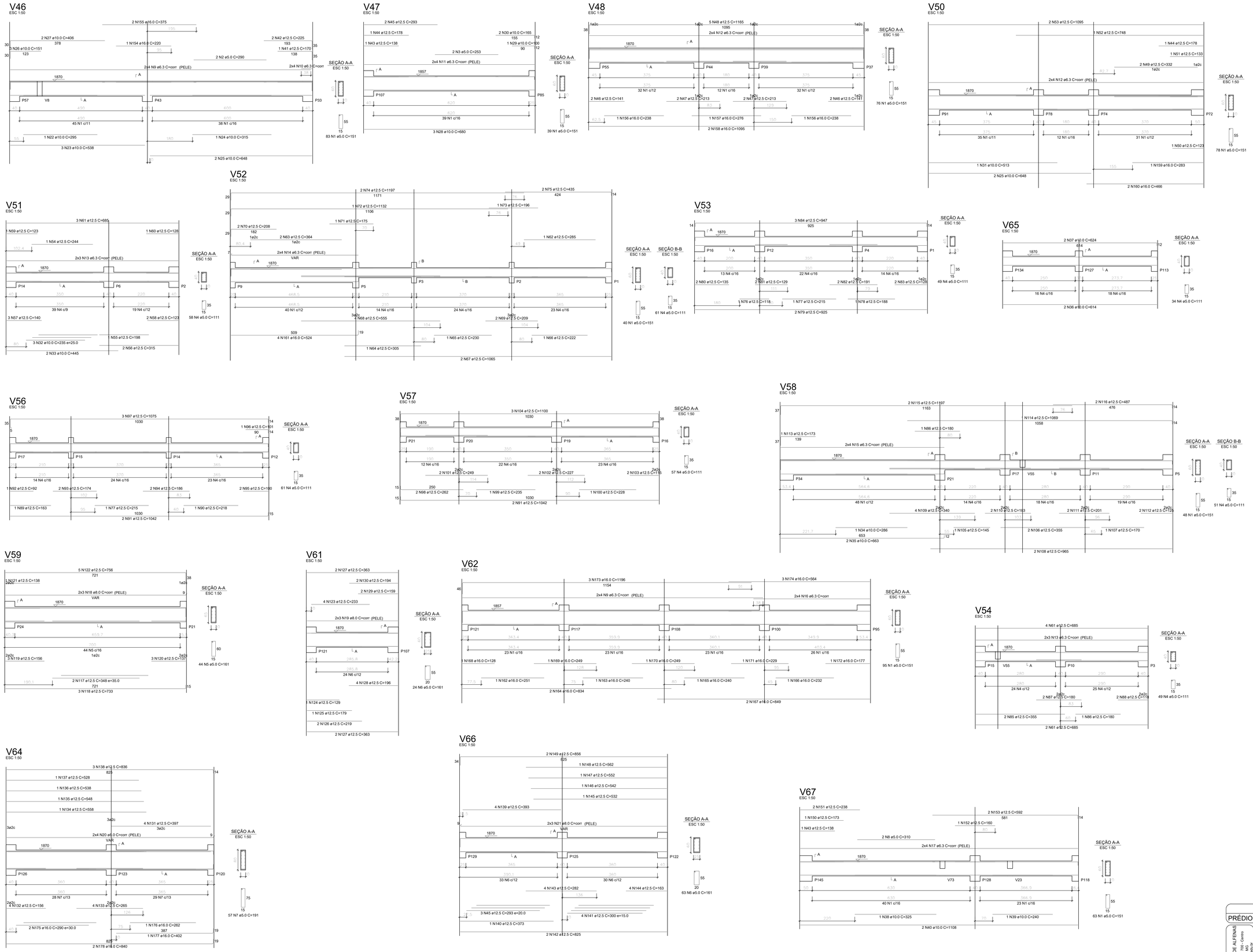

RELAÇÃO DO AÇO

V46	V47	V48
V50	V51	V52
V53	V54	V56
V57	V58	V59
V61	V62	V64
V65	V66	V67

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	522	151	78822
	2	5.0	2	290	580
	3	5.0	2	253	506
	4	5.0	420	111	46620
	5	5.0	44	161	7084
	6	5.0	87	161	14007
	7	5.0	57	191	10887
	8	5.0	2	310	620
CA50	9	6.3	16	corr	19200
	10	6.3	8	corr	344
	11	6.3	8	corr	5440
	12	6.3	16	corr	17520
	13	6.3	12	corr	8220
	14	6.3	8	corr	4096
	15	6.3	8	corr	5224
	16	6.3	8	corr	3720
	17	6.3	8	corr	8864
	18	8.0	6	corr	4374
	19	8.0	6	corr	2178
	20	8.0	8	corr	6664
	21	8.0	6	corr	4974
	22	10.0	3	538	1614
	23	10.0	3	538	1614
	24	10.0	1	315	315
	25	10.0	4	648	2592
	26	10.0	3	151	453
	27	10.0	2	406	812
	28	10.0	3	680	2040
	29	10.0	1	100	100
	30	10.0	2	165	330
	31	10.0	1	513	513
	32	10.0	3	235	705
	33	10.0	2	445	890
	34	10.0	1	286	286
	35	10.0	2	663	1326
	36	10.0	2	614	1228
	37	10.0	2	624	1248
	38	10.0	1	325	325
	39	10.0	1	240	240
	40	10.0	2	1108	2216
	41	12.5	1	170	170
	42	12.5	2	225	450
	43	12.5	2	138	276
	44	12.5	2	178	356
	45	12.5	5	293	1465
	46	12.5	4	141	564
	47	12.5	4	213	852
	48	12.5	5	1165	5825
	49	12.5	2	332	664
	50	12.5	1	123	123
	51	12.5	1	133	133
	52	12.5	1	748	748
	53	12.5	2	1095	2190
	54	12.5	1	244	244
	55	12.5	1	198	198
	56	12.5	2	315	630
	57	12.5	3	140	420
	58	12.5	2	123	246
	59	12.5	1	123	123
	60	12.5	1	128	128
	61	12.5	9	685	6165
	62	12.5	1	285	285
	63	12.5	2	364	728
	64	12.5	1	305	305
	65	12.5	1	230	230
	66	12.5	1	222	222
	67	12.5	2	1065	2130
	68	12.5	4	555	2220
	69	12.5	2	209	418
	70	12.5	2	208	416
	71	12.5	1	175	175
	72	12.5	1	1132	1132
	73	12.5	1	196	196
	74	12.5	2	1197	2394
	75	12.5	2	435	870
	76	12.5	1	118	118
	77	12.5	2	215	430
	78	12.5	1	188	188
	79	12.5	2	925	1850
	80	12.5	2	135	270
	81	12.5	2	129	258
	82	12.5	2	191	382
	83	12.5	2	128	256
	84	12.5	3	947	2841
	85	12.5	2	355	710
	86	12.5	2	180	360
	87	12.5	2	180	360
	88	12.5	2	118	236
	89	12.5	1	163	163
	90	12.5	1	218	218
	91	12.5	4	1042	4168
	92	12.5	1	92	92
	93	12.5	2	174	348
	94	12.5	2	186	372
	95	12.5	2	100	200
	96	12.5	1	101	101
	97	12.5	3	1075	3225
	98	12.5	2	262	524
	99	12.5	1	235	235
	100	12.5	1	228	228
	101	12.5	2	249	498
	102	12.5	2	227	454
	103	12.5	2	115	230
	104	12.5	3	1100	3300
	105	12.5	1	145	145
	106	12.5	2	355	710
	107	12.5	1	170	170
	108	12.5	2	965	1930
	109	12.5	4	340	1360
	110	12.5	2	183	366
	111	12.5	2	201	402
	112	12.5	2	125	250
	113	12.5	1	173	173
	114	12.5	1	1069	1069
	115	12.5	2	1197	2394
	116	12.5	2	487	974
	117	12.5	2	348	696
	118	12.5	3	733	2199
	119	12.5	3	156	468
	120	12.5	3	137	411
	121	12.5	1	138	138
	122	12.5	5	756	3780
	123	12.5	4	233	932
	124	12.5	1	129	129
	125	12.5	1	179	179
	126	12.5	2	219	438
	127	12.5	4	363	1452
	128	12.5	4	196	784
	129	12.5	2	159	318
	130	12.5	2	194	388
	131	12.5	4	197	788
	132	12.5	4	156	624
	133	12.5	4	165	660
	134	12.5	1	558	558
	135	12.5	1	548	548
	136	12.5	1	538	538
	137	12.5	1	528	528
	138	12.5	3	836	2508
	139	12.5	4	393	1572
	140	12.5	1	373	373
	141	12.5	4	300	1200
	142	12.5	2	825	1650
	143	12.5	4	282	1128
	144	12.5	4	163	652
	145	12.5	1	532	532
	146	12.5	1	542	542
	147	12.5	1	552	552
	148	12.5	1	562	562
	149	12.5	2	856	1712
	150	12.5	1	173	173
	151	12.5	2	238	476
	152	12.5	1	160	160
	153	12.5	2	592	1184
	154	16.0	1	220	220
	155	16.0	2	375	750
	156	16.0	2	238	476
	157	16.0	1	276	276
	158	16.0	2	1095	2190
	159	16.0	1	283	283
	160	16.0	2	466	932
	161	16.0	4	524	2096
	162	16.0	1	251	251
	163	16.0	1	240	240
	164	16.0	2	834	1668
	165	16.0	1	240	240
	166	16.0	1	232	232
	167	16.0	2	849	1698
	168	16.0	1	128	128
	169	16.0	1	249	249
	170	16.0	1	249	249
	171	16.0	1	229	229
	172	16.0	1	177	177
	173	16.0	3	1196	3588
	174	16.0	3	564	1692
	175	16.0	2	290	580
	176	16.0	1	262	262
	177	16.0	1	402	402
	178	16.0	2	840	1680

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	726.3	195.5
	8.0	181.9	79
	10.0	175.3	118.9
	12.5	989.8	1048.9
	16.0	207.9	360.9
CA60	5.0	1591.3	269.8
PESO TOTAL (kg)			
CA50	1803.1		
CA60	269.8		

Volume de concreto (C-35) = 19.20 m³
Área de forma = 224.41 m²

DETALHAMENTO DAS VIGAS DO PAV4-PISO6

ESCALA 1:50

PROJETO ESTRUTURAL
PRÉDIO NOVO DA ODONTOLOGIA - UESC - ALFENAS-MG

DETALHAMENTOS
PAV4-PISO6 (1870cm)
VIGAS

UNIVERSIDADE FEDERAL DE ALFENAS
Rua Gabriel Monteiro da Silva, 700 - Centro
37130-000 Alfenas MG
http://www.unifal-mg.edu.br

Escala: 1/50
Desenho:
Revisão: 0
Data: 25/07/2023
Unidade: cm
DESENHO 01
FOLHA 70/94

FORMATO A0 - INTERNO: 1049 x 821 mm.
EXTERNO: 1189 x 841 mm.