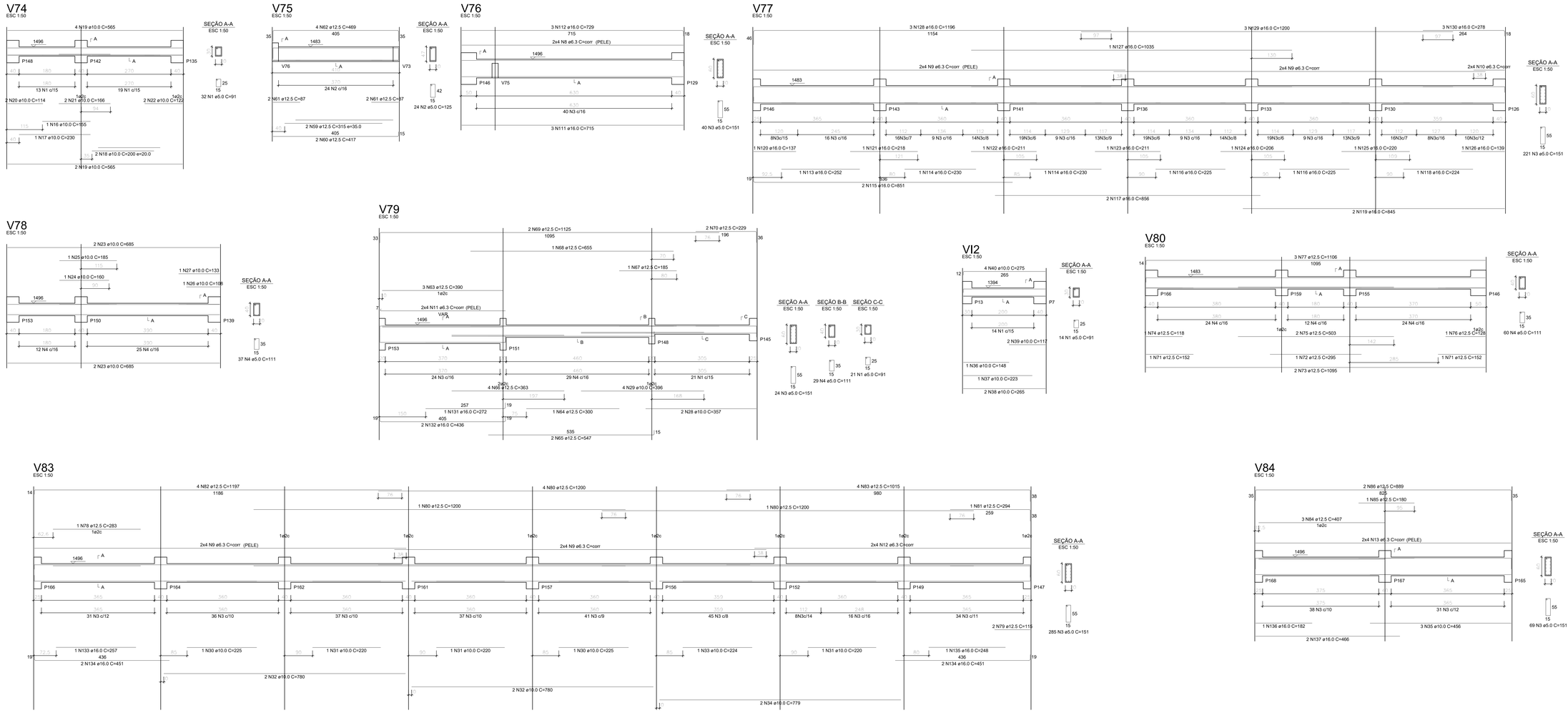

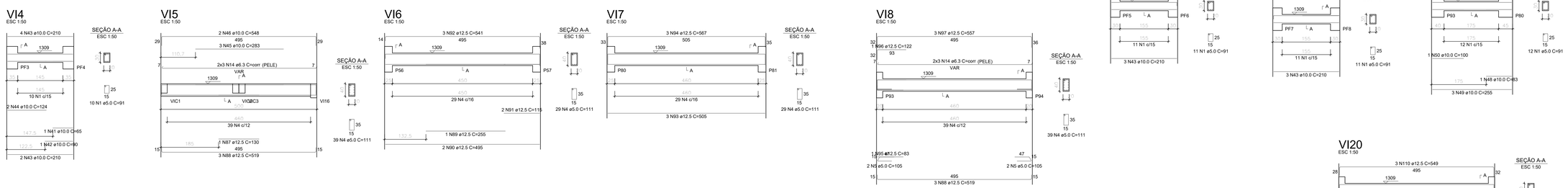

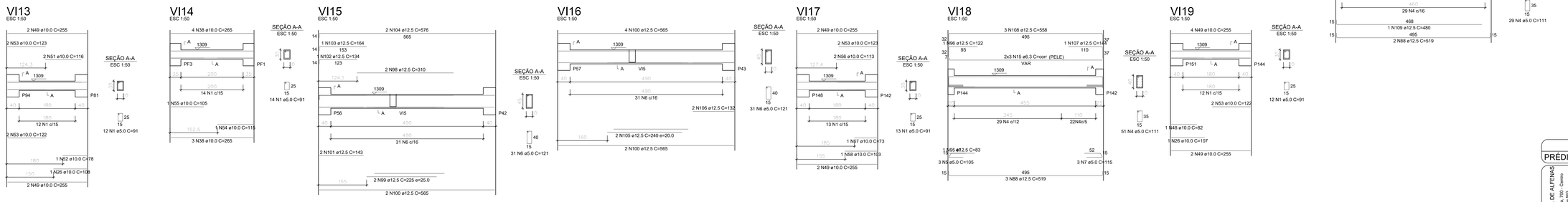

RELAÇÃO DO AÇO

V74	V75	V76	
V77	V78	V79	
V80	V83	V84	
VI2	VI4	VI5	
VI6	VI7	VI8	
VI9	VI10	VI11	
VI12	VI13	VI14	
VI15	VI16	VI17	
VI18	VI19	VI20	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	176	91	16016
	2	5.0	24	125	3000
	3	5.0	639	151	96489
	4	5.0	342	111	37962
	5	5.0	7	105	735
	6	5.0	62	121	7502
	7	5.0	3	115	345
CA50	8	6.3	8	corr	5720
	9	6.3	32	corr	38400
	10	6.3	8	corr	800
	11	6.3	8	corr	3264
	12	6.3	8	corr	7120
	13	6.3	8	corr	6600
	14	6.3	12	corr	6060
	15	6.3	6	corr	2988
	16	10.0	1	155	155
	17	10.0	1	230	230
	18	10.0	2	200	400
	19	10.0	6	565	3390
	20	10.0	2	114	228
	21	10.0	2	166	332
	22	10.0	2	122	244
	23	10.0	4	685	2740
	24	10.0	1	160	160
	25	10.0	1	185	185
	26	10.0	3	108	324
	27	10.0	1	218	218
	28	10.0	3	357	1071
	29	10.0	4	396	1584
	30	10.0	2	225	450
	31	10.0	2	220	440
	32	10.0	4	780	3120
	33	10.0	1	224	224
	34	10.0	2	779	1558
	35	10.0	3	456	1368
	36	10.0	1	148	148
	37	10.0	1	223	223
	38	10.0	11	265	2915
	39	10.0	3	117	351
	40	10.0	6	275	1650
	41	10.0	1	65	65
	42	10.0	1	90	90
	43	10.0	12	210	2520
	44	10.0	2	124	248
	45	10.0	3	283	849
	46	10.0	2	548	1096
	47	10.0	5	220	1100
	48	10.0	2	83	166
	49	10.0	21	255	5355
	50	10.0	1	100	100
	51	10.0	2	116	232
	52	10.0	1	78	78
	53	10.0	8	122	976
	54	10.0	1	115	115
	55	10.0	1	105	105
	56	10.0	2	113	226
	57	10.0	1	73	73
	58	10.0	1	103	103
	59	12.5	2	315	630
	60	12.5	2	417	834
	61	12.5	4	87	348
	62	12.5	4	469	1876
	63	12.5	3	390	1170
	64	12.5	1	300	300
	65	12.5	2	547	1094
	66	12.5	4	363	1452
	67	12.5	1	185	185
	68	12.5	1	655	655
	69	12.5	2	1125	2250
	70	12.5	2	229	458
	71	12.5	2	152	304
	72	12.5	1	295	295
	73	12.5	2	1095	2190
	74	12.5	1	118	118
	75	12.5	2	503	1006
	76	12.5	1	128	128
	77	12.5	3	1106	3318
	78	12.5	1	283	283
	79	12.5	2	115	230
	80	12.5	6	1200	7200
	81	12.5	1	294	294
	82	12.5	4	1197	4788
	83	12.5	4	1015	4060
	84	12.5	3	407	1221
	85	12.5	1	180	180
	86	12.5	1	889	889
	87	12.5	1	130	130
	88	12.5	11	519	5709
	89	12.5	1	255	255
	90	12.5	2	495	990
	91	12.5	2	115	230
	92	12.5	3	541	1623
	93	12.5	3	505	1515
	94	12.5	3	567	1701
	95	12.5	2	83	166
	96	12.5	2	122	244
	97	12.5	3	557	1671
	98	12.5	2	310	620
	99	12.5	2	225	450
	100	12.5	8	565	4520
	101	12.5	2	143	286
	102	12.5	1	134	134
	103	12.5	1	164	164
	104	12.5	2	576	1152
	105	12.5	2	240	480
	106	12.5	2	132	264
	107	12.5	1	144	144
	108	12.5	3	558	1674
	109	12.5	1	480	480
	110	12.5	3	549	1647
	111	16.0	3	715	2145
	112	16.0	3	729	2187
	113	16.0	1	252	252
	114	16.0	2	230	460
	115	16.0	2	851	1702
	116	16.0	2	225	450
	117	16.0	1	856	1712
	118	16.0	1	224	224
	119	16.0	2	845	1690
	120	16.0	1	137	137
	121	16.0	1	218	218
	122	16.0	1	211	211
	123	16.0	1	211	211
	124	16.0	1	206	206
	125	16.0	1	220	220
	126	16.0	1	139	139
	127	16.0	1	1035	1035
	128	16.0	3	1196	3588
	129	16.0	3	1200	3600
	130	16.0	1	278	278
	131	16.0	2	136	272
	132	16.0	2	436	872
	133	16.0	1	257	257
	134	16.0	4	451	1804
	135	16.0	1	248	248
	136	16.0	1	182	182
	137	16.0	2	466	932

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	709.5	191
	10.0	369.9	250.8
	12.5	648.9	687.7
	16.0	257.9	447.7
CA60	5.0	1620.5	274.8
PESO TOTAL (kg)			
CA50	1577.2		
CA60	274.8		

Volume de concreto (C-35) = 16.80 m³
Área de forma = 203.63 m²

DETALHAMENTO DAS VIGAS DO PAV3-PISO5

ESCALA 1:50

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

DETALHAMENTOS
PAV3-PISO5 (1496cm)
VIGAS

UNIVERSIDADE FEDERAL DE ALFENAS
Rua Gonçalo Tavares, 250 - Centro
37130-000 Alfenas MG
http://www.unifal-mg.edu.br

Escala: 1/50
DESENHO 01
Desenho:
Revisão: 0
Data: 25/07/2023
Unidade: cm
FOLHA 59/94

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