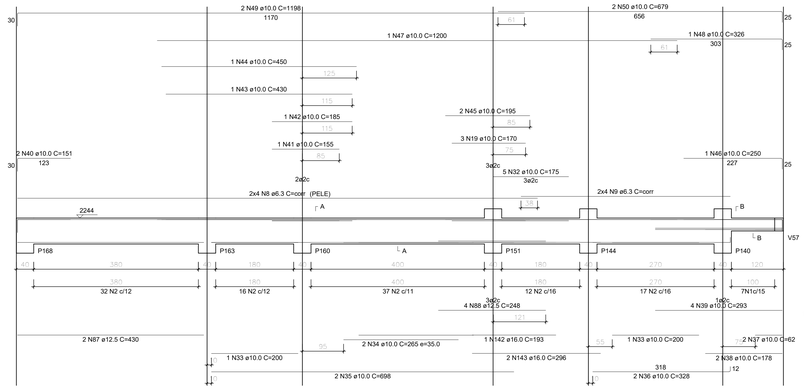
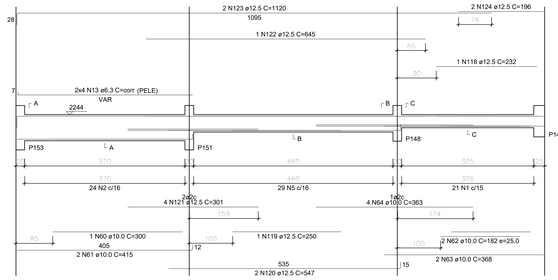
V56
ESC 1:50



SEÇÃO A-A
ESC 1:50

SEÇÃO B-B
ESC 1:50

V65
ESC 1:50

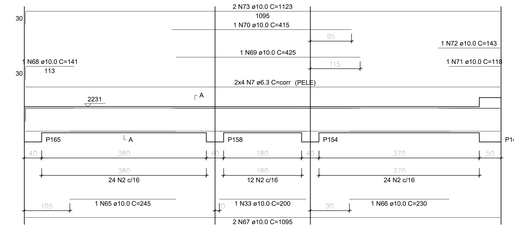


SEÇÃO A-A
ESC 1:50

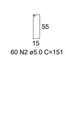
SEÇÃO B-B
ESC 1:50

SEÇÃO C-C
ESC 1:50

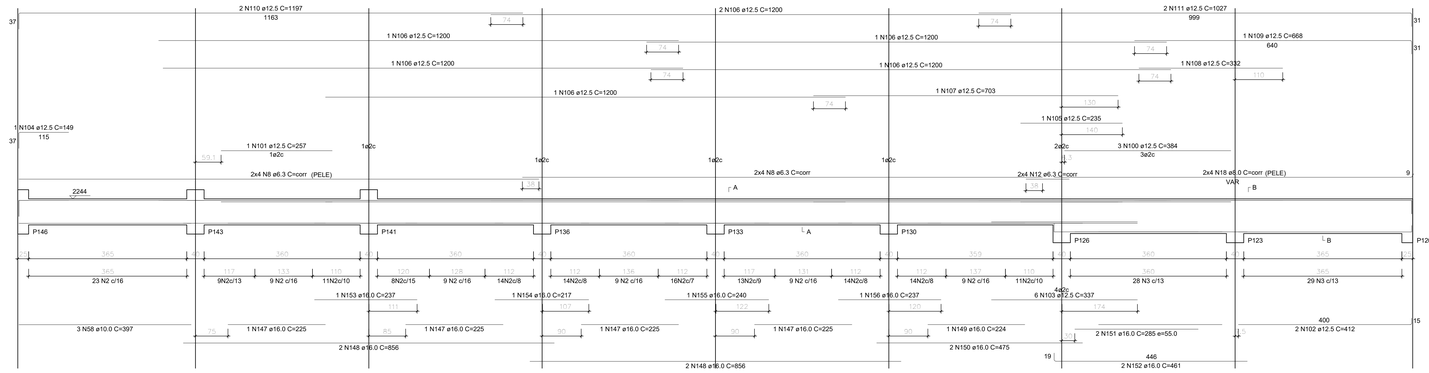
V67
ESC 1:50



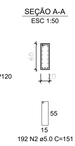
SEÇÃO A-A
ESC 1:50



V63
ESC 1:50

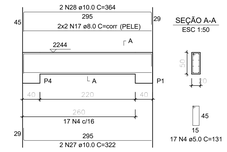


SEÇÃO A-A
ESC 1:50



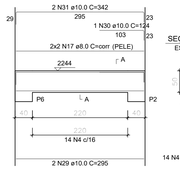
SEÇÃO B-B
ESC 1:50

V35
ESC 1:50



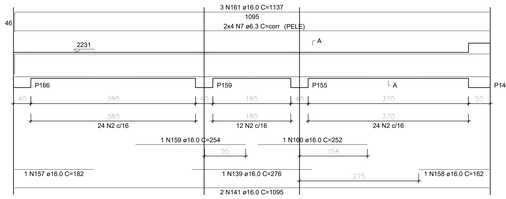
SEÇÃO A-A
ESC 1:50

V36
ESC 1:50

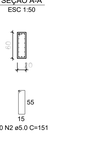


SEÇÃO A-A
ESC 1:50

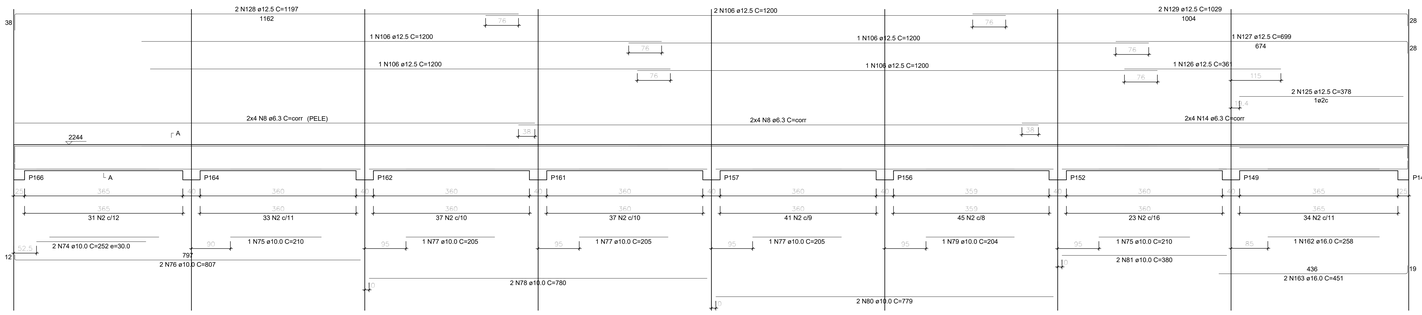
V66
ESC 1:50



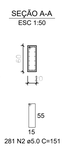
SEÇÃO A-A
ESC 1:50



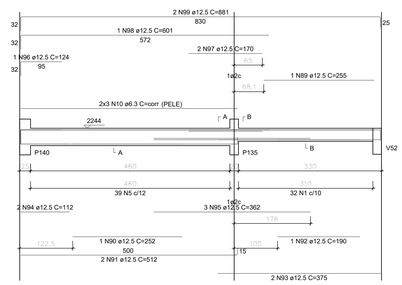
V69
ESC 1:50



SEÇÃO A-A
ESC 1:50



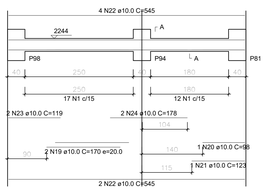
V58
ESC 1:50



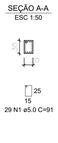
SEÇÃO A-A
ESC 1:50

SEÇÃO B-B
ESC 1:50

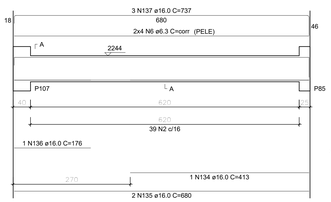
V26
ESC 1:50



SEÇÃO A-A
ESC 1:50

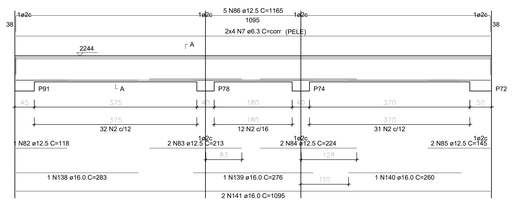


V32
ESC 1:50



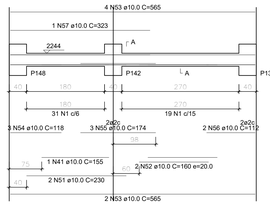
SEÇÃO A-A
ESC 1:50

V34
ESC 1:50



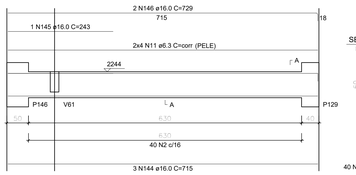
SEÇÃO A-A
ESC 1:50

V60
ESC 1:50

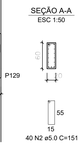


SEÇÃO A-A
ESC 1:50

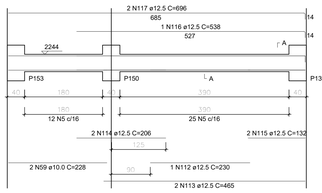
V62
ESC 1:50



SEÇÃO A-A
ESC 1:50

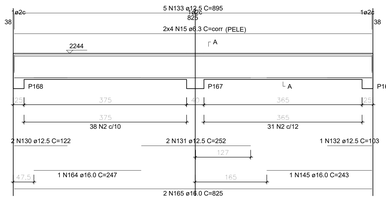


V64
ESC 1:50



SEÇÃO A-A
ESC 1:50

V70
ESC 1:50



SEÇÃO A-A
ESC 1:50

RELAÇÃO DO AÇO

V26 V32 V34 V35 V36 V56 V58 V60 V62 V64 V65 V67 V69 V70

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	139	91	12649
	2	5.0	954	151	144054
	3	5.0	51	151	15453
	4	5.0	35	131	4585
	5	5.0	105	111	11655
CA50	6	6.3	1	corr	5440
	7	6.3	24	corr	26280
	8	6.3	40	corr	48000
	9	6.3	8	corr	3854
	10	6.3	6	corr	3000
	11	6.3	8	corr	5720
	12	6.3	8	corr	800
	13	6.3	8	corr	3204
	14	6.3	8	corr	7120
	15	6.3	8	corr	6600
	16	8.0	8	corr	3856
	17	8.0	8	corr	2360
	18	8.0	8	corr	6664
	19	10.0	5	170	850
	20	10.0	1	98	98
	21	10.0	1	123	123
	22	10.0	6	545	3270
	23	10.0	2	119	238
	24	10.0	2	178	356
	25	10.0	3	484	1452
	26	10.0	3	529	1587
	27	10.0	2	322	644
	28	10.0	2	364	728
	29	10.0	2	295	590
	30	10.0	1	124	124
	31	10.0	2	342	684
	32	10.0	5	175	875
	33	10.0	3	200	600
	34	10.0	2	265	530
	35	10.0	2	698	1396
	36	10.0	2	328	656
	37	10.0	2	62	124
	38	10.0	2	178	356
	39	10.0	4	293	1172
	40	10.0	2	151	302
	41	10.0	2	155	310
	42	10.0	1	185	185
	43	10.0	1	430	430
	44	10.0	1	450	450
	45	10.0	2	195	390
	46	10.0	1	250	250
	47	10.0	1	1200	1200
	48	10.0	1	326	326
	49	10.0	2	1198	2396
	50	10.0	2	679	1358
	51	10.0	2	230	460
	52	10.0	2	160	320
	53	10.0	6	565	3390
	54	10.0	3	118	354
	55	10.0	3	174	522
	56	10.0	2	112	224
	57	10.0	1	323	323
	58	10.0	3	397	1191
	59	10.0	2	228	456
	60	10.0	1	300	300
	61	10.0	1	415	415
	62	10.0	2	182	364
	63	10.0	2	297	594
	64	10.0	4	363	1452
	65	10.0	1	245	245
	66	10.0	1	230	230
	67	10.0	2	1095	2190
	68	10.0	1	141	141
	69	10.0	1	425	425
	70	10.0	1	415	415
	71	10.0	1	118	118
	72	10.0	1	143	143
	73	10.0	2	1123	2246
	74	10.0	2	252	504
	75	10.0	2	210	420
	76	10.0	2	807	1614
	77	10.0	3	205	615
	78	10.0	2	780	1560
	79	10.0	1	204	204
	80	10.0	2	779	1558
	81	10.0	2	380	760
	82	12.5	1	118	118
	83	12.5	2	213	426
	84	12.5	2	224	448
	85	12.5	2	145	290
	86	12.5	5	1165	5825
	87	12.5	2	430	860
	88	12.5	4	248	992
	89	12.5	1	255	255
	90	12.5	1	252	252
	91	12.5	2	512	1024
	92	12.5	1	190	190
	93	12.5	2	375	750
	94	12.5	2	112	224
	95	12.5	3	362	1086
	96	12.5	1	124	124
	97	12.5	2	170	340
	98	12.5	1	601	601
	99	12.5	2	881	1762
	100	12.5	3	384	1152
	101	12.5	1	257	257
	102	12.5	2	412	824
	103	12.5	6	337	2022
	104	12.5	1	149	149
	105	12.5	1	235	235
	106	12.5	13	1200	15600
	107	12.5	1	703	703
	108	12.5	1	332	332
	109	12.5	1	668	668
	110	12.5	2	1197	2394
	111	12.5	2	1027	2054
	112	12.5	1	230	230
	113	12.5	2	465	930
	114	12.5	2	206	412
	115	12.5	2	132	264
	116	12.5	1	538	538
	117	12.5	2	696	1392
	118	12.5	1	232	232
	119	12.5	1	250	250
	120	12.5	1	547	1094
	121	12.5	4	301	1204
	122	12.5	2	1120	2240
	123	12.5	2	196	392
	124	12.5	2	378	756
	125	12.5	1	361	361
	126	12.5	1	699	699
	127	12.5	2	1197	2394
	128	12.5	2	1029	2058
	129	12.5	2	122	244
	130	12.5	2	252	504
	131	12.5	1	103	103
	132	12.5	5	895	4475
	133	12.5	1	413	413
	134	16.0	2	680	1360
	135	16.0	1	176	176
	136	16.0	3	737	2211
	137	16.0	1	283	283
	138	16.0	2	276	552
	139	16.0	1	260	260
	140	16.0	4	1095	4380
	141	16.0	1	193	193
	142	16.0	2	296	592
	143	16.0	3	715	2145
	144	16.0	1	243	486
	145	16.0	2	729	1458
	146	16.0	4	225	900
	147	16.0	4	856	3424
	148	16.0	1	224	224
	149	16.0	2	475	950
	150	16.0	2	285	570
	151	16.0	2	461	922
	152	16.0	1	237	237
	153	16.0	1	217	217
	154	16.0	1	240	240
	155	16.0	1	237	237
	156	16.0	1	182	182
	157	16.0	1	162	162
	158	16.0	1	254	254
	159	16.0	1	252	252
	160	16.0	3	1137	3411
	161	16.0	1	258	258
	162	16.0	2	451	902
	163	16.0	1	247	247
	164	16.0	1	247	247
	165	16.0	2	825	1650

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	1100.9	296.3
	8.0	128.8	55.9
	10.0	483.6	328
	12.5	633.7	671.6
	16.0	297.5	516.5
CA60	5.0	1882.7	319.2

PESO TOTAL (kg)	
CA50	1868.2
CA60	319.2

Volume de concreto (C-35) = 20.99 m³
Área de forma = 247.27 m²

DETALHAMENTO DAS VIGAS DO PISO TEC. DO BLOCO 2/TAMPA DAS CXS. D'ÁGUA 1 e 2 DO BLOCO 1

ESCALA 1:50

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

DETALHAMENTOS
PISO TEC. DO BLOCO 2/TAMPA DAS CXS. D'ÁGUA 1 e 2 DO BLOCO 1 (NÍVEL=2244cm)
VIGAS

UNIVERSIDADE FEDERAL DE ALFENAS
Rua Gonçalo Tavares, 186 - Centro
37130-000 Alfenas MG
http://www.unifal-mg.edu.br

Escala: 1/50	DESENHO 01
Desenho:	Revisão: 1
Data: 25/07/2023	Unidade: cm
	FOLHA 84/94

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