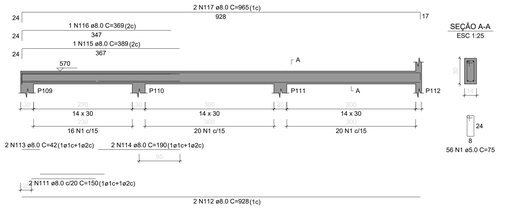
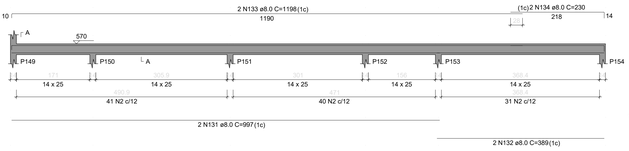
V4
ESC 1:50



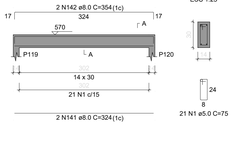
SEÇÃO A-A
ESC 1:25

V5
ESC 1:50



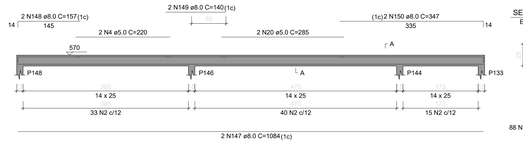
SEÇÃO A-A
ESC 1:25

V6
ESC 1:50

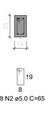


SEÇÃO A-A
ESC 1:25

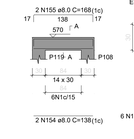
V7
ESC 1:50



SEÇÃO A-A
ESC 1:25

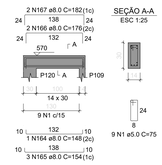


V8
ESC 1:50

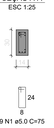


SEÇÃO A-A
ESC 1:25

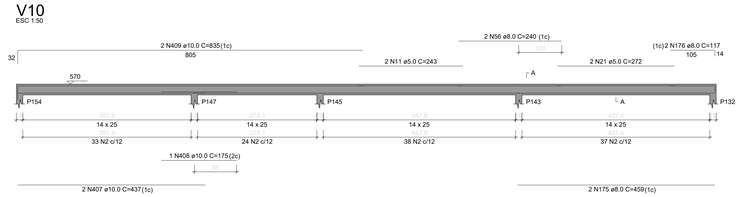
V9
ESC 1:50



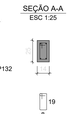
SEÇÃO A-A
ESC 1:25



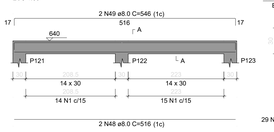
V10
ESC 1:50



SEÇÃO A-A
ESC 1:25

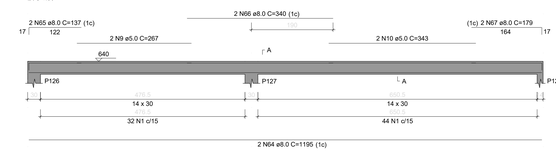


V1
ESC 1:50



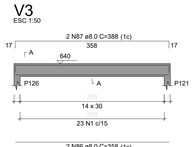
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50



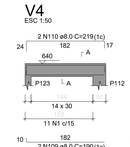
SEÇÃO A-A
ESC 1:25

V3
ESC 1:50

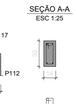


SEÇÃO A-A
ESC 1:25

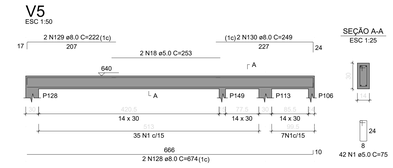
V4
ESC 1:50



SEÇÃO A-A
ESC 1:25



V5
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO - VIGAS RESPALDO

V1-L7	V1-L6	V1-L5
V1-L4	V1-L3	V2-L7
V2-L6	V2-L5	V2-L4
V2-L3	V2-L2	V3-L7
V3-L6	V3-L5	V3-L4
V3-L2	V4-L7	V4-L6
V4-L5	V4-L4	V4-L3
V4-L2	V5-L7	V5-L6
V5-L5	V5-L3	V5-L2
V6-L6	V6-L4	V6-L3
V6-L2	V7-L6	V7-L4
V7-L3	V7-L2	V8-L7
V8-L6	V8-L5	V8-L4
V8-L3	V8-L2	V9-L6
V9-L4	V9-L3	V9-L2
V10-L6	V10-L4	V10-L3
V10-L2	V11-L4	V11-L2
V12-L4	V12-L2	V13-L4
V13-L2	V14-L4	V14-L2
V15-L4	V15-L2	V16-L4
V16-L2	V17-L2	V18-L4
V18-L2	V19-L4	V19-L2
V20-L4	V20-L2	V21-L4
V21-L2	V22-L4	V22-L2
V23-L4	V23-L2	V24-L4
V24-L2	V25-L4	V25-L2
V26-L4	V26-L2	V27-L4
V27-L2	V28-L4	V28-L2
V29-L4	V29-L2	V30-L4
V30-L2	V31-L4	V31-L2
V33-L4	V32-L2	V33-L4
V33-L2	V34-L4	V34-L2
V35-L4	V35-L2	V36-L4
V36-L2	V37-L4	V37-L2
V38-L4	V38-L2	V39-L4
V39-L2	V40-L4	V40-L2
V41-L2	V42-L2	V43-L2
V44-L2	V45-L2	V46-L2
V47-L2	V48-L2	V49-L2
V50-L2	V51-L2	V52-L2
V53-L2	V54-L2	V55-L2
V56-L2	V57-L2	V58-L2
V59-L2	V60-L2	V61-L2
V62-L2	V63-L2	V64-L2
V65-L2	V66-L2	V67-L2
V68-L2	V69-L2	V70-L2
V71-L2	V72-L2	V73-L2
V74-L2	V75-L2	V76-L2
V77-L2	V78-L2	V79-L2
V80-L2	V81-L2	V82-L2
V83-L2	V84-L2	V85-L2
V86-L2	V87-L2	V88-L2
V89-L2	V90-L2	V91-L2
V92-L2	V93-L2	V94-L2

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1498	75	112350
	2	5.0	1550	65	100750
	3	5.0	2	261	522
	4	5.0	4	220	880
	5	5.0	2	304	608
	6	5.0	2	306	612
	7	5.0	2216	95	210520
	8	5.0	11	90	990
	9	5.0	2	267	534
	10	5.0	2	343	686
	11	5.0	4	243	972
	12	5.0	2	266	532
	13	5.0	2	445	890
	14	5.0	2	359	718
	15	5.0	2	252	504
	16	5.0	2	276	552
	17	5.0	2	273	546
	18	5.0	2	253	506
	19	5.0	2	293	586
	20	5.0	2	285	570
	21	5.0	2	272	544
	22	5.0	5	142	710
	23	5.0	2	330	660
	24	5.0	2	470	940
	25	5.0	2	245	490
	26	5.0	4	45	180
	27	5.0	2	221	442
	28	5.0	2	223	446
	29	5.0	2	263	526
	30	5.0	2	371	742
	31	6.3	4	505	2020
	32	6.3	8	423	3384
	33	6.3	8	494	3952
	34	6.3	8	86	688
	35	6.3	4	261	1044
	36	6.3	4	251	1004
	37	6.3	4	82	328
	38	6.3	4	323	1292
	39	6.3	4	135	540
	40	6.3	4	126	504
	41	6.3	4	138	552
	42	6.3	4	373	1492
	43	6.3	4	1200	4800
	44	6.3	4	366	1464
	45	6.3	4	931	3724
	46	6.3	4	95	380
	47	6.3	4	409	1636
	48	8.0	6	516	3096
	49	8.0	2	746	1492
	50	8.0	2	711	1422
	51	8.0	2	735	1470
	52	8.0	2	908	1816
	53	8.0	2	703	1406
	54	8.0	2	972	1944
	55	8.0	2	716	1432
	56	8.0	2	240	480
	57	8.0	2	997	1994
	58	8.0	2	50	100
	59	8.0	2	181	362
	60	8.0	2	719	1438
	61	8.0	2	740	1480
	62	8.0	2	268	536
	63	8.0	2	300	600
	64	8.0	2	1195	2390
	65	8.0	2	137	274
	66	8.0	2	340	680
	67	8.0	2	179	358
	68	8.0	2	1015	2030
	69	8.0	6	971	5826
	70	8.0	6	1123	6738
	71	8.0	2	106	212
	72	8.0	8	1200	9600
	73	8.0	2	608	1216
	74	8.0	2	766	1532
	75	8.0	2	906	1812
	76	8.0	2	312	624
	77	8.0	2	199	398
	78	8.0	4	643	2572
	79	8.0	2	673	1346
	80	8.0	2	461	922
	81	8.0	1	129	129
	82	8.0	1	107	107
	83	8.0	2	470	940
	84	8.0	20	84	1680
	85	8.0	4	123	492
	86	8.0	6	358	2148
	87	8.0	2	388	776
	88	8.0	1	96	96
	89	8.0	1	99	99
	90	8.0	2	519	1038
	91	8.0	2	184	368
	92	8.0	1	207	207
	93	8.0	1	207	207
	94	8.0	2	548	1096
	95	8.0	2	585	1170
	96	8.0	2	263	526
	97	8.0	2	86	172
	98	8.0	2	113	226
	99	8.0	2	1188	2376
	100	8.0	2	254	508
	101	8.0	2	835	1670
	102	8.0	2	271	542
	103	8.0	2	475	950
	104	8.0	4	185	740
	105	8.0	2	195	390
	106	8.0	4	220	880
	107	8.0	10	1198	11980
	108	8.0	2	701	1402
	109	8.0	2	190	380
	110	8.0	2	219	438
	111	8.0	2	150	300
	112	8.0	4	928	3712
	113	8.0	2	42	84
	114	8.0	2	190	380
	115	8.0	1	389	389
	116	8.0	1	369	369
	117	8.0	2	965	1930
	118	8.0	2	883	1766
	119	8.0	2	440	880
	120	8.0	4	97	388
	121	8.0	2	640	1280
	122	8.0	10	100	1000
	123	8.0	2	136	272
	124	8.0	2	515	1030
	125	8.0	2	567	1134
	126	8.0	1	127	127
	127	8.0	2	137	274
	128	8.0	2	674	1348
	129	8.0	2	222	444
	130	8.0	2	249	498
	131	8.0	4	997	3988
	132	8.0	2	389	778
	133	8.0	2	1198	2396
	134	8.0	2	230	460
	135	8.0	2	329	658
	136	8.0	2	350	700
	137	8.0	2	514	1028
	138	8.0	2	381	762
	139	8.0	1	179	179
	140	8.0	2	423	846
	141	8.0	4	324	1296
	142	8.0	2	354	708
	143	8.0	8	92	736
	144	8.0	2	368	736
	145	8.0	2	238	476
	146	8.0	2	276	552
	147	8.0	2	1084	2168
	148	8.0	2	157	314
	149	8.0	1	140	280
	150	8.0	2	347	694
	151	8.0	4	117	468
	152	8.0	1	95	95
	153	8.0	2	132	264
	154	8.0	6	138	828
	155	8.0	2	168	336
	156	8.0	4	947	3788
	157	8.0	1	125	125
	158	8.0	2	1198	2396
	159	8.0	2	761	1522
	160	8.0	2	795	1590
	161	8.0	2	835	1670
	162	8.0	1	263	263
	163	8.0	2	1076	2152
	164	8.0	1	148	148
	165	8.0	3	154	462
	166	8.0	2	176	352
	167	8.0	2	182	364
	168	8.0	1	106	106
	169	8.0	2	116	232
	170	8.0	4	273	1092
	171	8.0	4	313	1252
	172	8.0	2	251	502
	173	8.0	2	295	590
	174	8.0	2	761	1522
	175	8.0	2	459	918
	176	8.0	2	117	234
	177	8.0	2	111	222
	178	8.0	2	121	242
	179	8.0	2	115	230
	180	8.0	2	137	274
	181	8.0	7	175	1225
	182	8.0	2	698	1396
	183	8.0	2	109	218
	184	8.0	1	119	119
	185	8.0	4	113	452
	186	8.0	2	150	300
	187	8.0	2	194	388
	188	8.0	1	110	110
	189	8.0	2	120	240
	190	8.0	2	801	1602
	191	8.0	2	833	1666
	192	8.0	2	242	484
	193	8.0	1	134	134
	194	8.0	2	222	444
	195	8.0	2	191	382
	196	8.0	2	194	388
	197	8.0	4	114	456
	198	8.0	2	392	784
	199	8.0	2	436	872
	200	8.0	2	520	1040
	201	8.0	2	807	1614
	202	8.0	2	1198	2396
	203	8.0	2	207	414
	204	8.0	2	355	710
	205	8.0	2	973	1946
	206	8.0	2	149	298
	207	8.0	2	126	252
	208	8.0	2	397	794
	209	8.0	2	1198	2396
	210	8.0	2	258	516
	211	8.0	1	105	105
	212	8.0	1	115	230
	213	8.0	2	987	1974
	214	8.0	2	322	644
	215	8.0	2	198	396
	216	8.0	4	1022	4088
	217	8.0	2	536	1072
	218	8.0	2	299	598
	219	8.0	44	100	4400
	220	8.0	1	123	123
	221	8.0	2	132	264
	222	8.0	2	1198	2396
	223	8.0	1	435	435
	224	8.0	4	1198	4796
	225	8.0	2	234	468
	226	8.0	2	683	1366
	227	8.0	2	193	386
	228	8.0	2	213	426
	229	8.0	2	132	264
	230	8.0	2	135	270
	231	8.0	2	458	916
	232	8.0	2	498	996
	233	8.0	2	129	258
	234	8.0	2	138	276
	235	8.0	3	165	495
	236	8.0	1	415	415
	237	8.0	2	775	1550
	238	8.0	6	99	594
	239	8.0	2	131	262
	240	8.0	2	134	268
	241	8.0	2	353	706
	242	8.0	2	393	786
	243	8.0	2	134	268
	244	8.0	2	137	274
	245	8.0	2	338	676
	246	8.0	2	378	756
	247	8.0	2	124	248
	248	8.0	2	138	276
	249	8.0	2	243	486
	250	8.0	2	283	566
	251	8.0	2	917	1834
	252	8.0	2	430	2150
	253	8.0	2	200	400
	254	8.0	2	140	280
	255	8.0	6	143	858
	256	8.0	1	119	119
	257	8.0	1	167	167
	258	8.0	2	176	352
	259	8.0	2	276	276
	260	8.0	1	501	501
	261	8.0	2	1131	2262
	262	8.0	2	642	1284
	263	8.0	2	1033	2066
	264	8.0	2	887	1774
	265	8.0	2	247	247
	266	8.0	2	939	1878
	267	8.0	2	500	1000
	268	8.0	2	148	296
	269	8.0	2	283	566
	270	8.0	2	323	646
	271	8.0	2	132	264
	272	8.0	4	453	1812
	273	8.0	1	112	112
	274	8.0	2	130	260
	275	8.0	4	178	712
	276	8.0	2	230	460
	277	8.0	2	132	264
	278	8.0	2	1005	2010
	279	8.0	2	322	644
	280	8.0	2	200	400
	281	8.0	6	139	834
	282	8.0	3	451	1353
	283	8.0	1	152	304
	284	8.0	2	463	926
	285	8.0	1	948	1896
	286	8.0	2	137	274
	287	8.0	2	364	728
	288	8.0	2	205	410
	289	8.0	2	1042	2084
	290	8.0	4	1054	4216
	291	8.0	2	383	1532
	292	8.0	2	764	1528
	293	8.0	2	764	1528
	294	8.0	2	633	1266
	295	8.0	4	628	2512
	296	8.0	2	136	272
	297	8.0	2	891	1782
	298	8.0	2	448	896
	299	8.0	2	181	362
	300	8.0	2	1178	2356
	301	8.0	2	467	934
	302	8.0	2	846	1692
	303	8.0	2	578	1156
	304	8.0	2	136	272
	305	8.0	2	1180	2360
	306	8.0	2	144	288
	307	8.0	2	1083	2166
	308	8.0	2	187	374
	309	8.0	2	70	140
	310	8.0	2	110	220
	311	8.0	10	372	3720
	312	8.0	2	211	422
	313	8.0	2	560	1120
	314	8.0	2	210	420
	315	8.0	1	120	120
	316	8.0	2	607	1214
	317	8.0	2	124	248
	318	8.0	2	133	532
	319	8.0	2	321	642
	320	8.0	2	139	139
	321	8.0	2	358	716
	322	8.0	2	578	1156
	323	8.0	1	119	119
	324	8.0	1	618	618
	325	8.0	2	624	1248
	326	8.0	2	129	258
	327	8.0	2	138	276
	328	8.0	2	383	2298
	329	8.0	2	420	840
	330	8.0	2	136	272
	331	8.0	1	112	112
	332	8.0	2	423	846
	333	8.0	1	157	157
	334	8.0	4	392	1568
	335	8.0	4	570	2280
	336	8.0	1	159	159
	337	8.0	2	464	928
	338	8.0	2	126	252
	339	8.0	2	135	270
	340	8.0	2	157	314
	341	8.0	2	181	362
	342	8.0	2	534	1068
	343	8.0	2	124	248
	344	8.0	2	89	178
	345	8.0	2	219	438
	346	8.0	2	438	876
	347	8.0	1	118	118
	348	8.0	1	178	178
	349	8.0	2	481	962
	350	8.0	1	133	133
	351	8.0	2	136	272
	352	8.0	4	423	1692
	353	8.0	1	82	82
	354	8.0	2	897	1794
	355	8.0	2	758	1516
	356	8.0	2	266	532
	357	8.0	2	356	712
	358	8.0	2	600	1200
	359	8.0	2	921	1842
	360	8.0	2	960	1920
	361	8.0	1	108	108
	362	8.0	2	118	236
	363	8.0	2	397	794
	364	8.0	2	441	882
	365	8.0	1	108	108
	366	8.0	4	373	1492
	367	8.0	4	393	1572
	368	8.0	1	97	97
	369	8.0	1	107	107
	370	8.0	2	793	1586
	371	8.0	2	114	228
	372	8.0	2	847	1694
	373	8.0	1	197	197
	374	8.0	2	373	746
	375	8.0	2	416	832
	376	8.0	4	277	1108
	377	8.0	4	297	1188
	378	8.0	2	608	1216
	379	8.0	1	170	170
	380	8.0	2	180	360
	381	8.0	2	299	598
	382	8.0	2	223	446
	383	8.0	2	238	476
	384	8.0	2	224	448
	385	8.0	2	239	478
	386	8.0	2	237	474
	387	8.0	2	96	192
	388	8.0	2	116	232
	389	8.0	3	395	790
	390	8.0	2	516	1032
	391	8.0	2	546	1092
	392	8.0	1	693	693
	393	8.0	3	697	2091
	394	10.0	2	523	1046
	395	10.0	2	154	308
	396	10.0	2	1009	2018
	397	10.0	15	87	1305
	398	10.0	3	255	765
	399	10.0	1	295	295
	400	10.0	2	705	1410
	401	10.0	1	328	328
	402	10.0	2	682	1364
	403	10.0	2	128	256
	404	10.0	1	230	230
	405	10.0	1	200	200
	406	10.0	2	1107	2214
	407	10.0	2	437	874
	408	10.0	1	175	175
	409	10.0	2	835	1670
	410	10.0	2	550	1100
	411	10.0	2	128	256
	412	10.0	2	144	288
	413	10.0	2	142	284
	414	10.0	6	91	546
	415	10.0	1	132	132
	416	10.0	2	142	284
	417	10.0	2	144	288
	418	10.0	1	240	240
	419	10.0	1	170	170
	420	10.0	2	1198	2396
	421	10.0	2	1200	2400
	422	10.0	2	1125	2250
	423	10.0	2	168	336
	424	10.0	1	142	142
	425	10.0	1	173	173
	426	10.0	2	183	366
	427	10.0	2	121	242
	428	10.0	2	181	362
	429	10.0	2	399	798
	430	10.0	2	399	798
	431	10.0	2	467	934
	432	10.0	1	141	141
	433	10.0	2	144	288
	434	10.0	2	422	844
	435	10.0	2	429	858
	436	10.0	1	215	215
	437	10.0	1	185	185
	438	10.0	2	1198	2396
	439	10.0	2	542	1084
	440	10.0	2	530	1060
	441	10.0	2	140	280
	442	10.0	2	143	286
	443	10.0	2	397	794