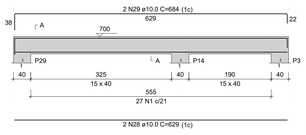
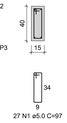
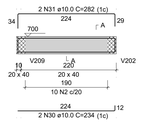
V245
ESC 1:50



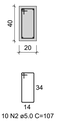
SEÇÃO A-A
ESC 1:25



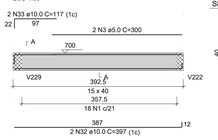
V246
ESC 1:50



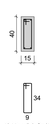
SEÇÃO A-A
ESC 1:25



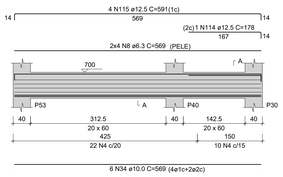
V247
ESC 1:50



SEÇÃO A-A
ESC 1:25



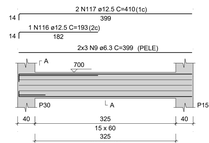
V248
ESC 1:50



SEÇÃO A-A
ESC 1:25



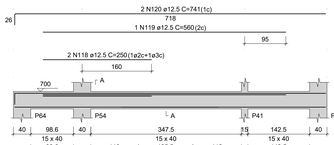
V249
ESC 1:50



SEÇÃO A-A
ESC 1:25



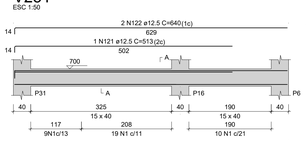
V250
ESC 1:50



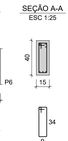
SEÇÃO A-A
ESC 1:25



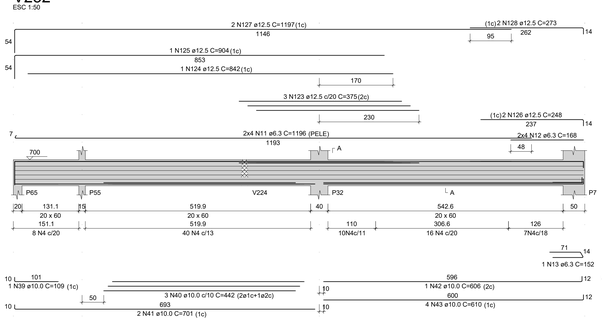
V251
ESC 1:50



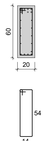
SEÇÃO A-A
ESC 1:25



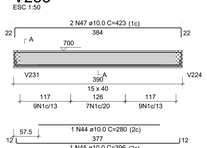
V252
ESC 1:50



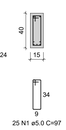
SEÇÃO A-A
ESC 1:25



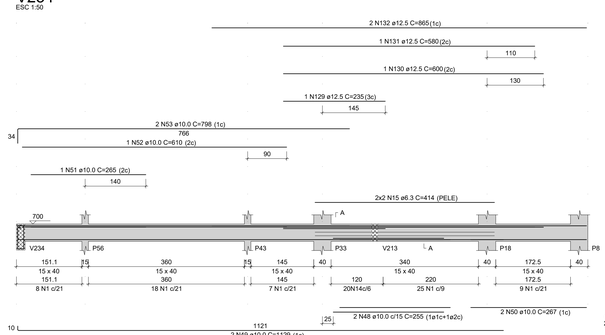
V253
ESC 1:50



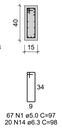
SEÇÃO A-A
ESC 1:25



V254
ESC 1:50



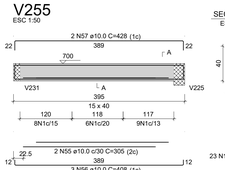
SEÇÃO A-A
ESC 1:25



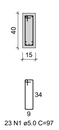
SUSPENSÃO V234
ESC 1:25



V255
ESC 1:50



SEÇÃO A-A
ESC 1:25



V256
ESC 1:50

SEÇÃO A-A
ESC 1:25

V257
ESC 1:50

SEÇÃO A-A
ESC 1:25

V258
ESC 1:50

SEÇÃO A-A
ESC 1:25

V259
ESC 1:50

SEÇÃO A-A
ESC 1:25

V260
ESC 1:50

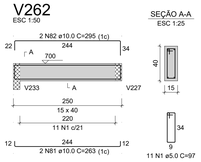
SEÇÃO A-A
ESC 1:25

V261
ESC 1:50

SEÇÃO A-A
ESC 1:25

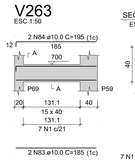
SUSPENSÃO V210
ESC 1:25

V262
ESC 1:50

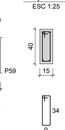


SEÇÃO A-A
ESC 1:25

V263
ESC 1:50



SEÇÃO A-A
ESC 1:25



V264
ESC 1:50

SEÇÃO A-A
ESC 1:25

V265
ESC 1:50

SEÇÃO A-A
ESC 1:25

V266
ESC 1:50

SEÇÃO A-A
ESC 1:25

V267
ESC 1:50

SEÇÃO A-A
ESC 1:25

V268
ESC 1:50

SEÇÃO A-A
ESC 1:25

V269
ESC 1:50

SEÇÃO A-A
ESC 1:25

V270
ESC 1:50

SEÇÃO A-A
ESC 1:25

V271
ESC 1:50

SEÇÃO A-A
ESC 1:25

V272
ESC 1:50

SEÇÃO A-A
ESC 1:25

V273
ESC 1:50

SEÇÃO A-A
ESC 1:25

V274
ESC 1:50

SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

V245	V246	V247
V248	V249	V250
V251	V252	V253
V254	V255	V256
V257	V258	V259
V260	V261	V262
V263	V264	V265
V266	V267	V268
V269	V270	V271
V272	V273	V274

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	307	97	29779
	2	5.0	18	107	1926
	3	5.0	2	300	600
	4	5.0	316	147	46746
	5	5.0	13	137	1781
	6	5.0	51	137	6987
	7	5.0	46	117	5382
CA50	8	6.3	5	569	4552
	9	6.3	6	399	2394
	10	6.3	1	127	127
	11	6.3	8	1196	9568
	12	6.3	8	168	1344
	13	6.3	1	152	152
	14	6.3	131	96	12536
	15	6.3	4	414	1656
	16	6.3	64	136	8832
	17	6.3	1	87	87
	18	6.3	12	398	4776
	19	6.3	68	148	10064
	20	6.3	8	397	3176
	21	6.3	8	759	6072
	22	6.3	16	704	11264
	23	6.3	8	754	6032
	24	6.3	8	411	3288
	25	6.3	8	539	4312
	26	6.3	8	434	3472
	27	8.0	6	414	2484
	28	10.0	4	629	2516
	29	10.0	2	684	1368
	30	10.0	2	234	468
	31	10.0	2	282	564
	32	10.0	2	397	794
	33	10.0	2	117	234
	34	10.0	4	569	3414
	35	10.0	2	409	818
	36	10.0	2	225	450
	37	10.0	2	718	1436
	38	10.0	2	372	372
	39	10.0	1	109	109
	40	10.0	3	442	1326
	41	10.0	2	701	1402
	42	10.0	1	606	606
	43	10.0	4	610	2440
	44	10.0	2	280	560
	45	10.0	1	396	396
	46	10.0	3	403	1209
	47	10.0	2	423	846
	48	10.0	2	255	510
	49	10.0	2	1129	2258
	50	10.0	2	267	534
	51	10.0	2	265	530
	52	10.0	1	610	610
	53	10.0	2	798	1596
	54	10.0	1	149	149
	55	10.0	2	305	610
	56	10.0	3	408	1224
	57	10.0	2	428	856
	58	10.0	2	169	338
	59	10.0	2	221	442
	60	10.0	1	273	273
	61	10.0	2	325	650
	62	10.0	1	408	408
	63	10.0	1	980	980
	64	10.0	1	940	940
	65	10.0	2	1172	2344
	66	10.0	1	211	211
	67	10.0	4	245	980
	68	10.0	2	540	1080
	69	10.0	1	585	585
	70	10.0	1	770	770
	71	10.0	3	1190	3570
	72	10.0	2	284	568
	73	10.0	1	547	547
	74	10.0	3	550	1650
	75	10.0	2	598	1196
	76	10.0	1	237	237
	77	10.0	1	396	396
	78	10.0	2	557	1114
	79	10.0	2	394	788
	80	10.0	6	397	2382
	81	10.0	2	263	526
	82	10.0	2	295	590
	83	10.0	2	185	370
	84	10.0	2	195	390
	85	10.0	2	500	1000
	86	10.0	2	520	1040
	87	10.0	2	295	590
	88	10.0	2	315	630
	89	10.0	9	434	3906
	90	10.0	1	357	357
	91	10.0	2	759	1518
	92	10.0	1	454	454
	93	10.0	1	288	288
	94	10.0	2	802	1604
	95	10.0	1	285	285
	96	10.0	1	325	325
	97	10.0	4	704	2816
	98	10.0	1	404	404
	99	10.0	5	747	3735
	100	10.0	1	647	647
	101	10.0	6	398	2388
	102	10.0	1	218	218
	103	10.0	1	247	247
	104	10.0	5	754	3770
	105	10.0	1	216	216
	106	10.0	1	120	120
	107	10.0	2	418	836
	108	10.0	3	435	1305
	109	10.0	1	299	299
	110	10.0	1	148	148
	111	10.0	5	539	2695
	112	10.0	1	255	255
	113	10.0	1	112	112
	114	12.5	1	178	178
	115	12.5	4	591	2364
	116	12.5	1	193	193
	117	12.5	2	410	820
	118	12.5	2	250	500
	119	12.5	1	560	560
	120	12.5	2	741	1482
	121	12.5	1	513	513
	122	12.5	2	640	1280
	123	12.5	3	375	1125
	124	12.5	1	842	842
	125	12.5	1	904	904
	126	12.5	2	248	496
	127	12.5	2	1197	2394
	128	12.5	2	273	546
	129	12.5	1	235	235
	130	12.5	1	600	600
	131	12.5	1	980	980
	132	12.5	3	260	780
	133	12.5	2	169	338
	134	12.5	1	173	173
	135	12.5	1	214	214
	136	12.5	2	218	436
	137	12.5	1	203	203
	138	12.5	1	412	412
	139	12.5	4	419	1676
	140	12.5	4	245	980
	141	12.5	2	434	868
	142	12.5	1	148	148
	143	12.5	1	442	442
	144	12.5	2	449	898
	145	12.5	2	456	912
	146	12.5	2	240	480

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	940.1	253
	8.0	24.8	10.8
	10.0	859.2	582.7
	12.5	255.2	270.4
CA60	5.0	932	158
PESO TOTAL (kg)			
CA50	1117		
CA60	158		

Volume de concreto (C-25) = 13.42 m³
Área de forma = 140.13 m²

CONSÓRCIO REGIONAL DE SANEAMENTO BÁSICO - CONSANE

AUTORIA DO PROJETO: Eng. Civil Felipe Vinícius Oliveira Silva
CREA nº 209726/D-MG

RESPONSÁVEL TÉCNICO: Eng. Civil Felipe Vinícius Oliveira Silva
CREA nº 209726/D-MG

ENDEREÇO: RUA QUINTINO BOCAIÚVA

PROPRIETÁRIO: Município de Elói Mendes/MG

PROJETO ESTRUTURA DE CONCRETO ARMADO

OBRA: SECRETARIA DE EDUCAÇÃO

ASSUNTO:VIGAS 2 PAVIMENTO (Parte 2)

ETAPA DO PROJETO: EXECUTIVO

REVISÃO:	FORMATO:	FOLHA:	DATA:
R00	A0	09/16	24/08/2026