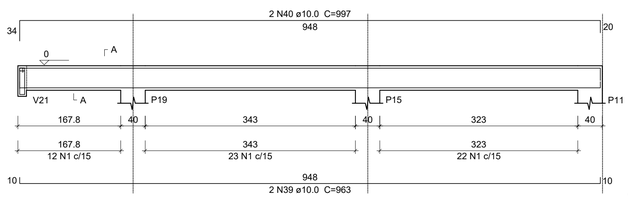
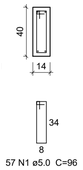
V22
ESC 1:50



SEÇÃO A-A
ESC 1:25

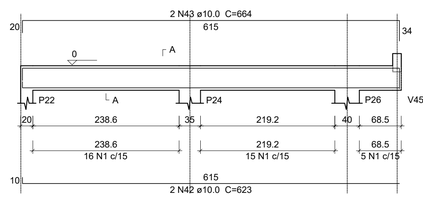


57 N1 ø5.0 C=96

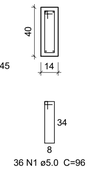
SUSPENSÃO V21
ESC 1:25

1 N41 ø10.0 C=117

V23
ESC 1:50

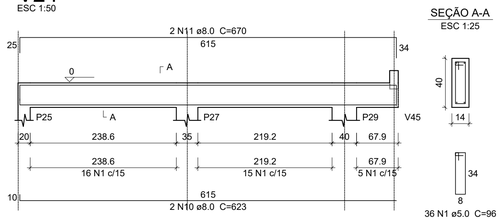


SEÇÃO A-A
ESC 1:25



36 N1 ø5.0 C=96

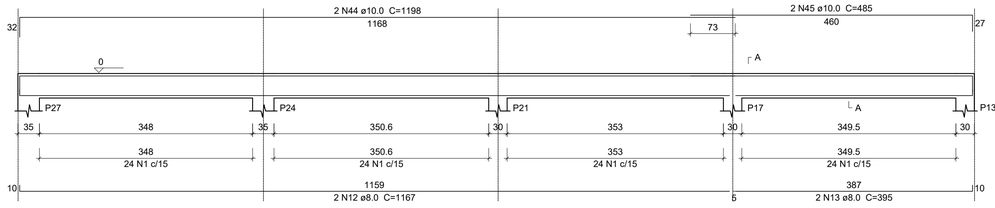
V24
ESC 1:50



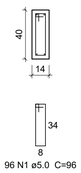
SEÇÃO A-A
ESC 1:25

36 N1 ø5.0 C=96

V25
ESC 1:50

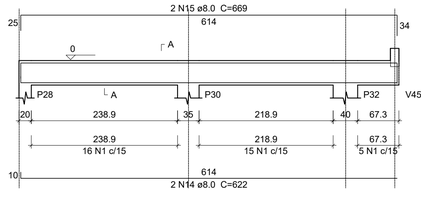


SEÇÃO A-A
ESC 1:25

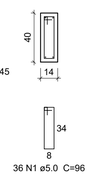


96 N1 ø5.0 C=96

V26
ESC 1:50

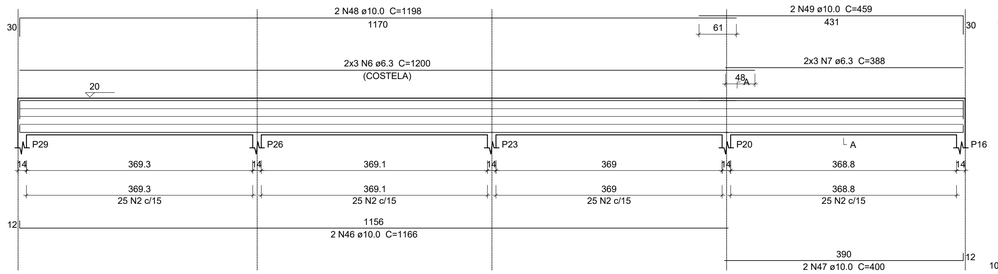


SEÇÃO A-A
ESC 1:25

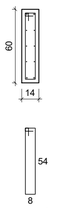


36 N1 ø5.0 C=96

V27
ESC 1:50

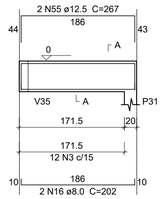


SEÇÃO A-A
ESC 1:25

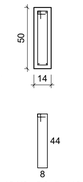


100 N2 ø5.0 C=136

V28
ESC 1:50

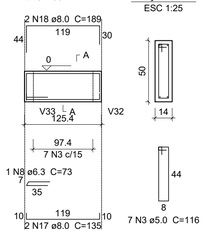


SEÇÃO A-A
ESC 1:25



12 N3 ø5.0 C=116

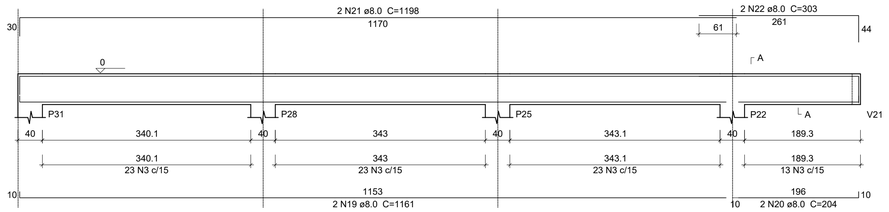
V29
ESC 1:50



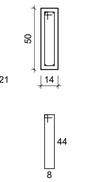
SEÇÃO A-A
ESC 1:25

7 N3 ø5.0 C=116

V30
ESC 1:50

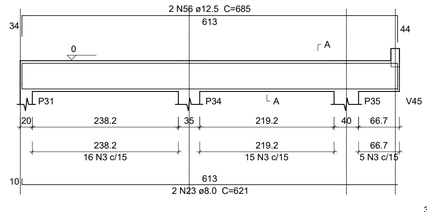


SEÇÃO A-A
ESC 1:25

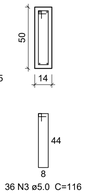


82 N3 ø5.0 C=116

V31
ESC 1:50

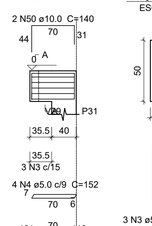


SEÇÃO A-A
ESC 1:25

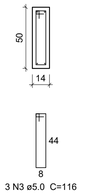


36 N3 ø5.0 C=116

V32
ESC 1:50

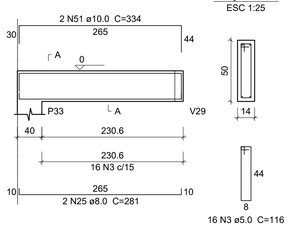


SEÇÃO A-A
ESC 1:25



3 N3 ø5.0 C=116

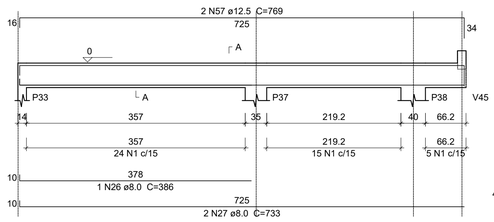
V33
ESC 1:50



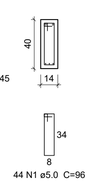
SEÇÃO A-A
ESC 1:25

16 N3 ø5.0 C=116

V34
ESC 1:50

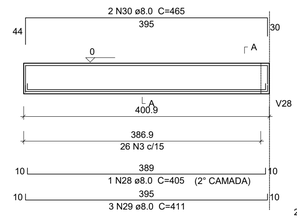


SEÇÃO A-A
ESC 1:25

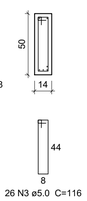


44 N1 ø5.0 C=96

V35
ESC 1:50

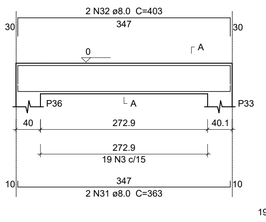


SEÇÃO A-A
ESC 1:25

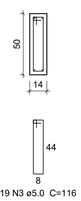


26 N3 ø5.0 C=116

V36
ESC 1:50

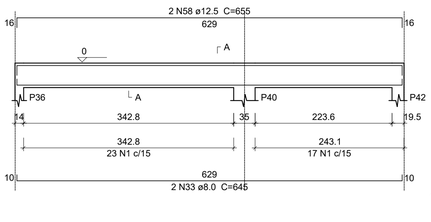


SEÇÃO A-A
ESC 1:25

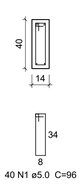


19 N3 ø5.0 C=116

V37
ESC 1:50

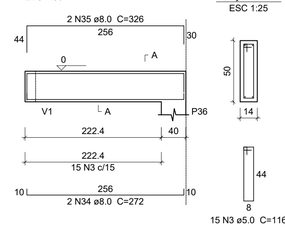


SEÇÃO A-A
ESC 1:25



40 N1 ø5.0 C=96

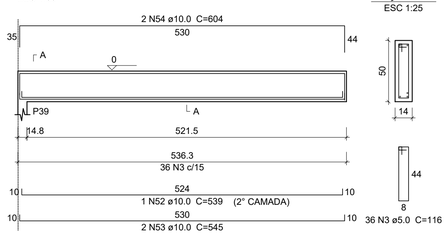
V38
ESC 1:50



SEÇÃO A-A
ESC 1:25

15 N3 ø5.0 C=116

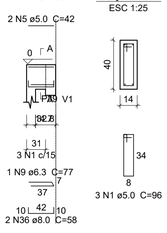
V39
ESC 1:50



SEÇÃO A-A
ESC 1:25

36 N3 ø5.0 C=116

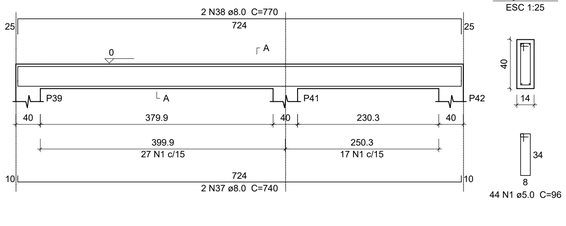
V40
ESC 1:50



SEÇÃO A-A
ESC 1:25

3 N1 ø5.0 C=96

V41
ESC 1:50



SEÇÃO A-A
ESC 1:25

44 N1 ø5.0 C=96

Relação do aço

V22	V23	V24
V25	V26	V27
V28	V29	V30
V31	V32	V33
V34	V35	V36
V37	V38	V39
V40	V41	

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	392	96	37632
	2	5.0	100	136	13600
	3	5.0	252	116	29232
	4	5.0	4	152	608
	5	5.0	2	42	84
CA50	6	6.3	6	1200	7200
	7	6.3	6	388	2328
	8	6.3	1	73	73
	9	6.3	1	77	77
	10	8.0	2	623	1246
	11	8.0	2	670	1340
	12	8.0	2	1167	2334
	13	8.0	2	395	790
	14	8.0	2	622	1244
	15	8.0	2	669	1338
	16	8.0	2	202	404
	17	8.0	2	135	270
	18	8.0	2	189	378
	19	8.0	2	1161	2322
	20	8.0	2	204	408
	21	8.0	2	1198	2396
	22	8.0	2	303	606
	23	8.0	2	621	1242
	24	8.0	2	86	172
	25	8.0	2	281	562
	26	8.0	1	386	386
	27	8.0	2	733	1466
	28	8.0	1	405	405
	29	8.0	3	411	1233
	30	8.0	2	465	930
	31	8.0	2	363	726
	32	8.0	2	403	806
	33	8.0	2	645	1290
	34	8.0	2	272	544
	35	8.0	2	326	652
	36	8.0	2	58	116
	37	8.0	2	740	1480
	38	8.0	2	770	1540
	39	10.0	2	963	1926
	40	10.0	2	997	1994
	41	10.0	1	117	117
	42	10.0	2	623	1246
	43	10.0	2	664	1328
	44	10.0	2	1198	2396
	45	10.0	2	485	970
	46	10.0	2	1166	2332
	47	10.0	2	400	800
	48	10.0	2	1198	2396
	49	10.0	2	459	918
	50	10.0	2	140	280
	51	10.0	2	334	668
	52	10.0	1	539	539
	53	10.0	2	545	1090
	54	10.0	2	604	1208
	55	12.5	2	267	534
	56	12.5	2	685	1370
	57	12.5	2	769	1538
	58	12.5	2	655	1310

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	96.8	26.1
	8.0	286.3	124.2
	10.0	202.1	137
	12.5	47.6	50.4
CA60	5.0	811.6	137.6
PESO TOTAL			
CA50	337.7		
CA60	137.6		

Vol. de concreto total (C-25) = 7.9 m³
Área de forma total = 130.02 m²

PREFEITURA MUNICIPAL DE GUAÇUÍ
ESTADO DO ESPIRITO SANTO

PROJETO ESTRUTURAL

OBRA:
PROJETO DE REFORMA REQUALIFICAÇÃO URBANA
DA AV. AGENOR LUIZ THOMÉ

CONTEÚDO: PRAÇA DA FONTE

LOCAL: AV. AGENOR LUIZ THOMÉ - (BEIRA RIO) GUAÇUIES

* DIMENSÕES DO DESENHO EM METRO
** ESCALA INDICADA EM PLANTAS

DATA: JUNHO/26

MODIFICAÇÕES:

FOLHA: 04/18

ÁREAS:

ARQUIVO Nº: ESTRUT-001

ASSINATURA:

PAULO VICTOR TEIXEIRA DEASCÂNIO
CREA-ES-050212/D