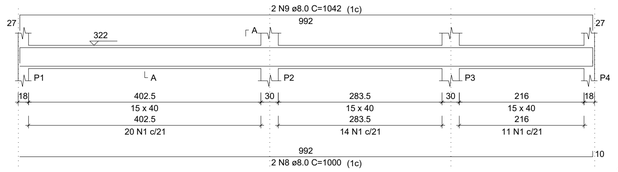
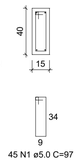
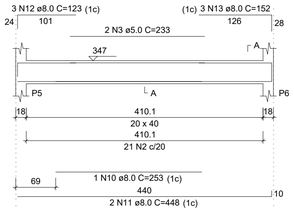
V1
ESC 1:50



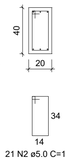
SEÇÃO A-A
ESC 1:25



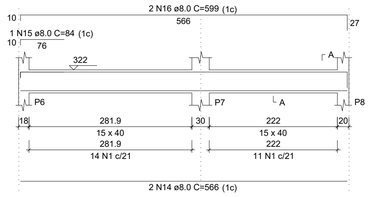
V2
ESC 1:50



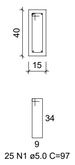
SEÇÃO A-A
ESC 1:25



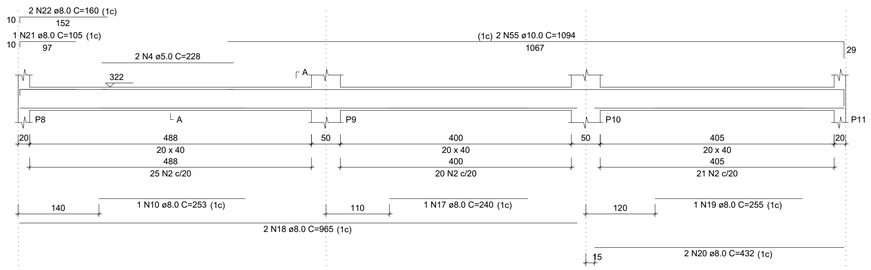
V3
ESC 1:50



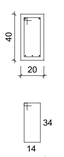
SEÇÃO A-A
ESC 1:25



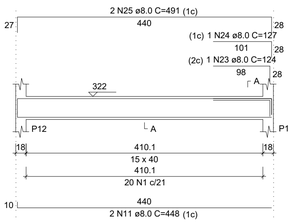
V4
ESC 1:50



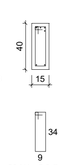
SEÇÃO A-A
ESC 1:25



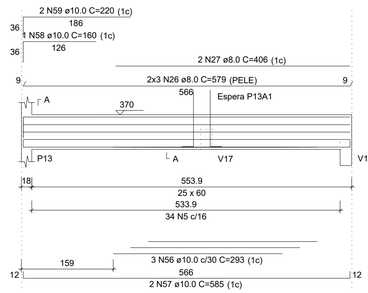
V5
ESC 1:50



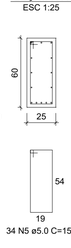
SEÇÃO A-A
ESC 1:25



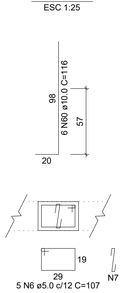
V6
ESC 1:50



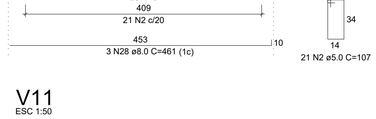
SEÇÃO A-A
ESC 1:25



ESPERA P13A1
ESC 1:25

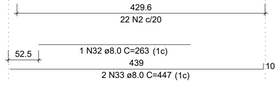


V7
ESC 1:50



SEÇÃO A-A
ESC 1:25

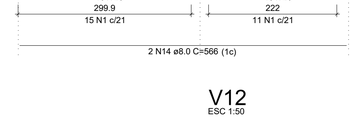
V8
ESC 1:50



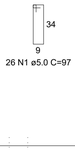
SEÇÃO A-A
ESC 1:25



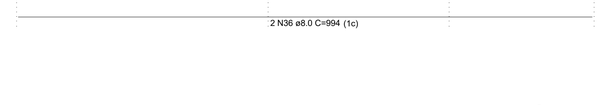
V9
ESC 1:50



SEÇÃO A-A
ESC 1:25



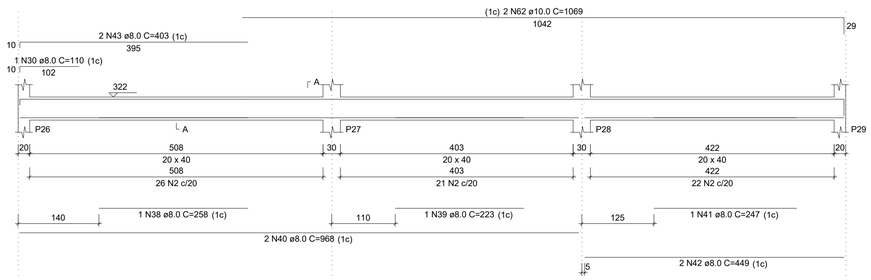
V10
ESC 1:50



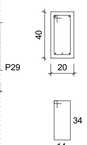
SEÇÃO A-A
ESC 1:25



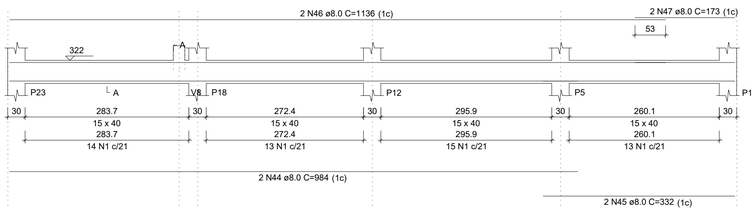
V11
ESC 1:50



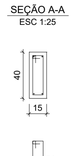
SEÇÃO A-A
ESC 1:25



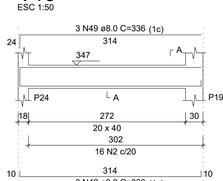
V12
ESC 1:50



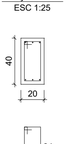
SEÇÃO A-A
ESC 1:25



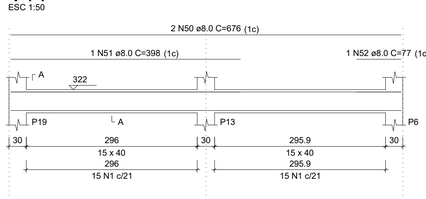
V13
ESC 1:50



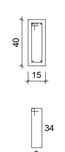
SEÇÃO A-A
ESC 1:25



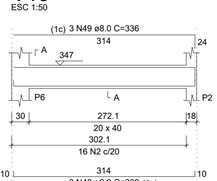
V14
ESC 1:50



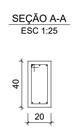
SEÇÃO A-A
ESC 1:25



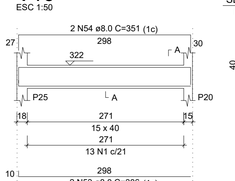
V15
ESC 1:50



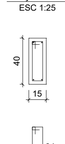
SEÇÃO A-A
ESC 1:25



V16
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15
V16		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	259	97	25123
	2	5.0	231	107	24717
	3	5.0	2	233	466
	4	5.0	2	228	456
	5	5.0	34	157	5338
	6	5.0	5	107	535
	7	5.0	5	34	170
CA50	8	8.0	2	1000	2000
	9	8.0	2	1042	2084
	10	8.0	2	253	506
	11	8.0	4	448	1792
	12	8.0	3	123	369
	13	8.0	3	152	456
	14	8.0	4	566	2264
	15	8.0	1	84	84
	16	8.0	2	599	1198
	17	8.0	1	240	240
	18	8.0	2	965	1930
	19	8.0	1	255	255
	20	8.0	2	432	864
	21	8.0	1	105	105
	22	8.0	2	160	320
	23	8.0	1	124	124
	24	8.0	1	127	127
	25	8.0	2	491	982
	26	8.0	6	579	3474
	27	8.0	2	406	812
	28	8.0	5	461	2305
	29	8.0	1	107	107
	30	8.0	2	110	220
	31	8.0	2	338	676
	32	8.0	1	263	263
	33	8.0	2	447	894
	34	8.0	1	97	97
	35	8.0	2	619	1238
	36	8.0	2	994	1988
	37	8.0	2	1044	2088
	38	8.0	1	258	258
	39	8.0	1	223	223
	40	8.0	2	968	1936
	41	8.0	1	247	247
	42	8.0	2	449	898
	43	8.0	2	403	806
	44	8.0	2	984	1968
	45	8.0	2	332	664
	46	8.0	2	1136	2272
	47	8.0	2	173	346
	48	8.0	6	330	1980
	49	8.0	6	336	2016
	50	8.0	4	676	2704
	51	8.0	1	398	398
	52	8.0	1	77	77
	53	8.0	2	306	612
	54	8.0	2	351	702
	55	10.0	2	1094	2188
	56	10.0	3	293	879
	57	10.0	2	585	1170
	58	10.0	1	160	160
	59	10.0	2	220	440
	60	10.0	6	116	696
	61	10.0	2	162	324
	62	10.0	2	1069	2138

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	479.7	208.2
	10.0	80	54.2
CA60	5.0	568.1	96.3

PESO TOTAL (kg)	
CA50	262.4
CA60	96.3

Volume de concreto (C-25) = 8.24 m³
Área de forma = 112.29 m²

c					G.C
b					
a					
	DATA	FEITO	VISTO	APROV.	
CLASSIFICAÇÃO	ALTERAÇÕES				

PREF. MUNICIPAL:

DATA APROVAÇÃO:

PROPRIETÁRIO DA EDIFICAÇÃO:
Prefeitura Municipal de Abaeté–MG
CPF: 18.296.632/0001-00
R. Dr. Antônio Amador – CENTRO, Abaeté – MG, 35620-000

RESPONSÁVEL PELO PROJETO Engº. Ricardo F. Poltronieri	CREA 78.407/D/MG
EMPRESA ÓTIMIZA AUDITORIA E GESTÃO EM ENERGIA	CNPJ 28.776.579/0001-06
ENDEREÇO/CONTATO DIVINÓPOLIS / WWW.OTIMIZAENERGIA.COM.BR	

VISTO
ASSIN. MATRIC.
APROV.
ASSIN. MATRIC.
DATA 05/04/2022

PROJETO ESTRUTURAL PRAÇA DE ESPORTES – SALÃO VSTIÁRIOS
ABAETÉ–MG

ESCALA 1: INDICADA

Nº

FOLHA 09/12

ÓTIMIZA AUDITORIA E GESTÃO EM ENERGIA

ABR0