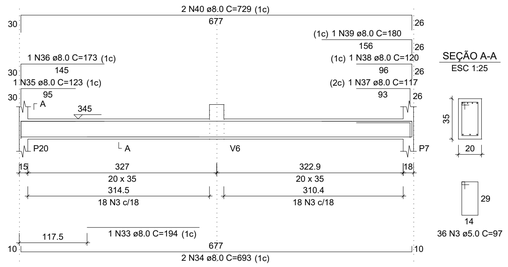
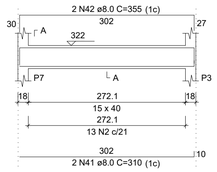
V17
ESC 1:50

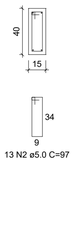


SEÇÃO A-A
ESC 1:25

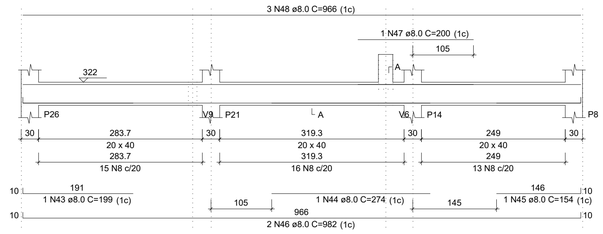
V18
ESC 1:50



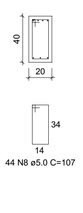
SEÇÃO A-A
ESC 1:25



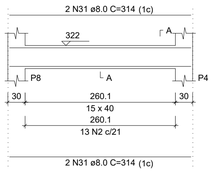
V19
ESC 1:50



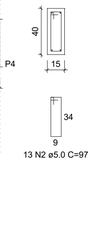
SEÇÃO A-A
ESC 1:25



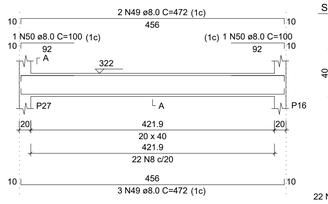
V20
ESC 1:50



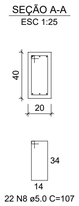
SEÇÃO A-A
ESC 1:25



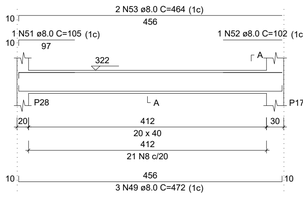
V21
ESC 1:50



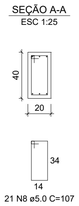
SEÇÃO A-A
ESC 1:25



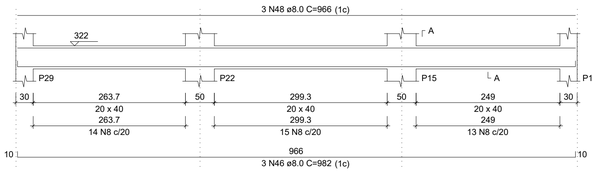
V22
ESC 1:50



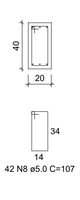
SEÇÃO A-A
ESC 1:25



V23
ESC 1:50



SEÇÃO A-A
ESC 1:25



V1
ESC 1:50



SEÇÃO A-A
ESC 1:25

V2
ESC 1:50

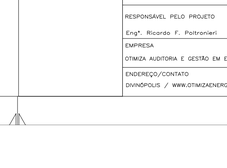
SEÇÃO A-A
ESC 1:25



V3
ESC 1:50

SEÇÃO A-A
ESC 1:25

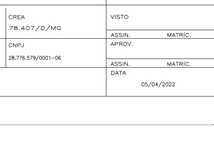
V4
ESC 1:50



SEÇÃO A-A
ESC 1:25



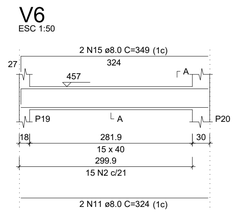
V5
ESC 1:50



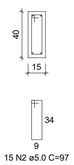
SEÇÃO A-A
ESC 1:25



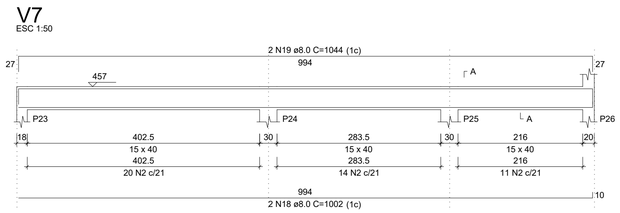
V6
ESC 1:50



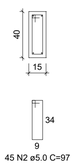
SEÇÃO A-A
ESC 1:25



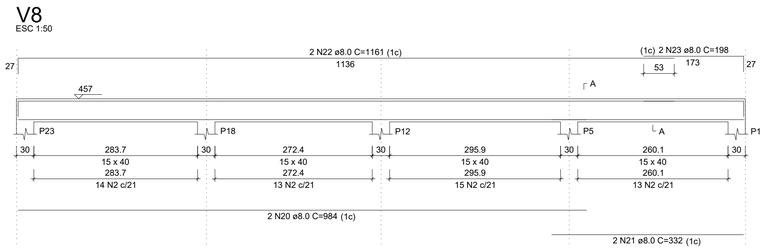
V7
ESC 1:50



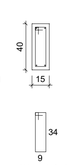
SEÇÃO A-A
ESC 1:25



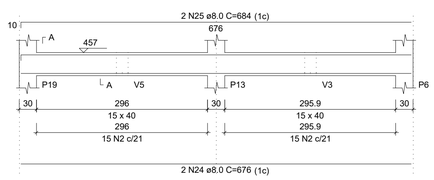
V8
ESC 1:50



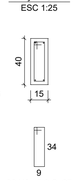
SEÇÃO A-A
ESC 1:25



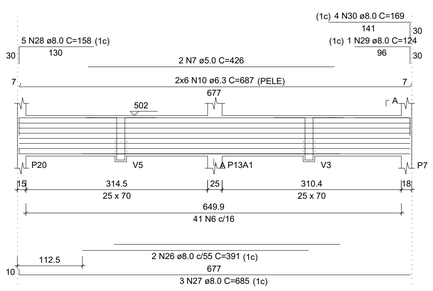
V9
ESC 1:50



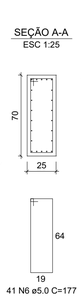
SEÇÃO A-A
ESC 1:25



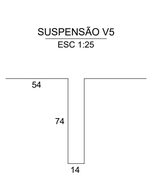
V10
ESC 1:50



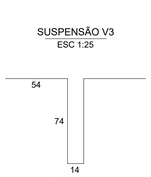
SEÇÃO A-A
ESC 1:25



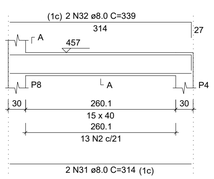
SUSPENSÃO V5
ESC 1:25



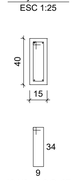
SUSPENSÃO V3
ESC 1:25



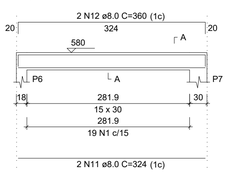
V11
ESC 1:50



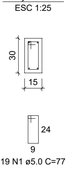
SEÇÃO A-A
ESC 1:25



V1
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1-L4	V1-L3	V2-L3
V3-L3	V4-L3	V5-L3
V6-L3	V7-L3	V8-L3
V9-L3	V10-L3	V11-L3
V17-L2	V18-L2	V19-L2
V20-L2	V21-L2	V22-L2
V23-L2		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	19	77	1463
	2	5.0	243	97	23571
	3	5.0	68	97	6596
	4	5.0	4	320	1280
	5	5.0	14	147	2058
	6	5.0	41	177	7257
	7	5.0	2	426	852
CA50	8	5.0	129	107	13803
	9	6.3	8	327	2616
	10	6.3	12	687	8244
	11	8.0	9	324	2916
	12	8.0	2	360	720
	13	8.0	2	1000	2000
	14	8.0	2	1042	2084
	15	8.0	8	349	2792
	16	8.0	4	320	1280
	17	8.0	1	203	203
	18	8.0	2	1002	2004
	19	8.0	2	1044	2088
	20	8.0	2	984	1968
	21	8.0	2	332	664
	22	8.0	2	1161	2322
	23	8.0	2	198	396
	24	8.0	2	676	1352
	25	8.0	2	684	1368
	26	8.0	2	391	782
	27	8.0	3	685	2055
	28	8.0	5	158	790
	29	8.0	1	124	124
	30	8.0	4	169	676
	31	8.0	6	314	1884
	32	8.0	2	339	678
	33	8.0	1	194	194
	34	8.0	2	693	1386
	35	8.0	1	123	123
	36	8.0	1	173	173
	37	8.0	1	117	117
	38	8.0	1	120	120
	39	8.0	1	180	180
	40	8.0	2	729	1458
	41	8.0	2	310	620
	42	8.0	2	355	710
	43	8.0	1	199	199
	44	8.0	1	274	274
	45	8.0	1	154	154
	46	8.0	5	982	4910
	47	8.0	1	200	200
	48	8.0	6	966	5796
	49	8.0	8	472	3776
	50	8.0	2	100	200
	51	8.0	1	105	105
	52	8.0	1	102	102
	53	8.0	2	464	928
	54	10.0	2	261	522

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	108.6	29.2
	8.0	528.7	229.5
	10.0	5.2	3.5
CA60	5.0	568.8	96.4

PESO TOTAL (kg)	
CA50	262.3
CA60	96.4

Volume de concreto (C-25) = 8.30 m³
Área de forma = 111.78 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	CREA
Engº. Ricardo F. Poitronieri	78.407/D/MG
EMPRESA	CNPJ
OTIMIZA AUDITORIA E GESTÃO EM ENERGIA	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

OTIMIZA AUDITORIA E GESTÃO EM ENERGIA

ESCALA 1: INDICADA

Nº

FOLHA 10/12

ARQ