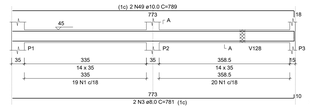
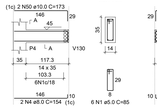
V101
ESC 1:50



SEÇÃO A-A
ESC 1:25



V102
ESC 1:50



SEÇÃO A-A
ESC 1:25

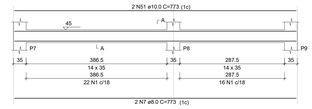


V103
ESC 1:50

SEÇÃO A-A
ESC 1:25



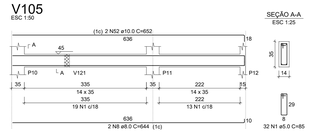
V104
ESC 1:50



SEÇÃO A-A
ESC 1:25

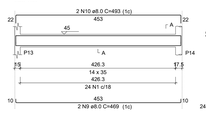


V105
ESC 1:50

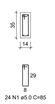


SEÇÃO A-A
ESC 1:25

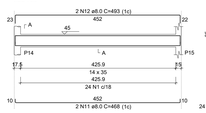
V106
ESC 1:50



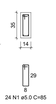
SEÇÃO A-A
ESC 1:25



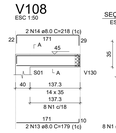
V107
ESC 1:50



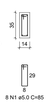
SEÇÃO A-A
ESC 1:25



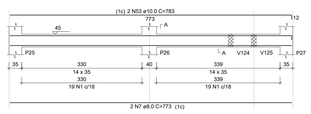
V108
ESC 1:50



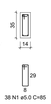
SEÇÃO A-A
ESC 1:25



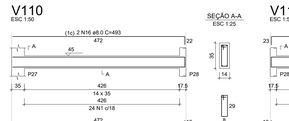
V109
ESC 1:50



SEÇÃO A-A
ESC 1:25



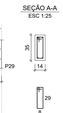
V110
ESC 1:50



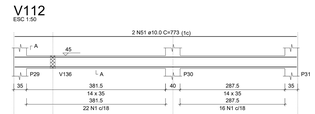
SEÇÃO A-A
ESC 1:25

V111
ESC 1:50

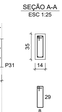
SEÇÃO A-A
ESC 1:25



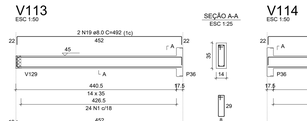
V112
ESC 1:50



SEÇÃO A-A
ESC 1:25

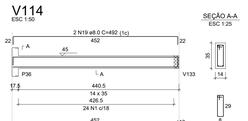


V113
ESC 1:50



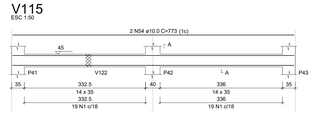
SEÇÃO A-A
ESC 1:25

V114
ESC 1:50



SEÇÃO A-A
ESC 1:25

V115
ESC 1:50



SEÇÃO A-A
ESC 1:25

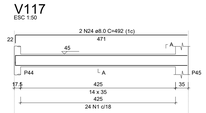
V116
ESC 1:50



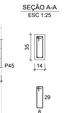
SEÇÃO A-A
ESC 1:25



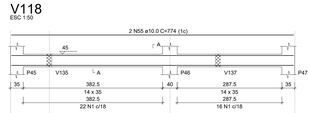
V117
ESC 1:50



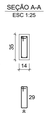
SEÇÃO A-A
ESC 1:25



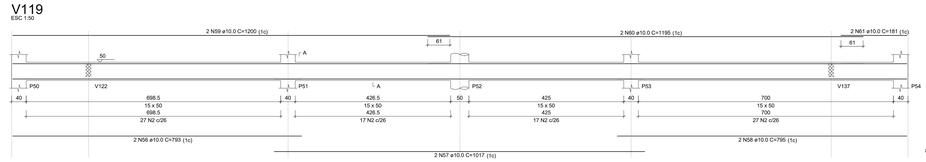
V118
ESC 1:50



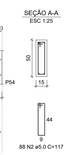
SEÇÃO A-A
ESC 1:25



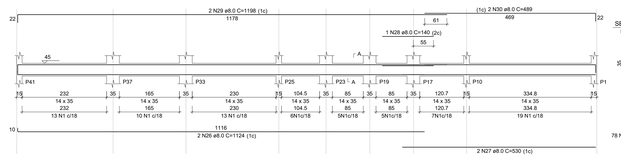
V119
ESC 1:50



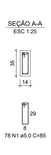
SEÇÃO A-A
ESC 1:25



V120
ESC 1:50



SEÇÃO A-A
ESC 1:25



V121
ESC 1:50

SEÇÃO A-A
ESC 1:25

V122
ESC 1:50

SEÇÃO A-A
ESC 1:25

SUSPENSÃO V119
ESC 1:25

V123
ESC 1:50

SEÇÃO A-A
ESC 1:25

V124
ESC 1:50

SEÇÃO A-A
ESC 1:25

V125
ESC 1:50

SEÇÃO A-A
ESC 1:25

V126
ESC 1:50

SEÇÃO A-A
ESC 1:25

V127
ESC 1:50

SEÇÃO A-A
ESC 1:25

V128
ESC 1:50

SEÇÃO A-A
ESC 1:25

V129
ESC 1:50

SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

V101	V102	V103
V104	V105	V106
V107	V108	V109
V110	V111	V112
V113	V114	V115
V116	V117	V118
V119	V120	V121
V122	V123	V124
V125	V126	V127
V128	V129	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	744	69	51240
	2	5.0	88	117	10296
CA50	3	8.0	2	781	1562
	4	8.0	2	154	308
	5	8.0	2	953	1906
	6	8.0	2	972	1944
	7	8.0	2	773	4638
	8	8.0	2	844	1688
	9	8.0	2	469	938
	10	8.0	2	493	986
	11	8.0	2	468	936
	12	8.0	2	493	986
	13	8.0	2	452	904
	14	8.0	2	218	436
	15	8.0	4	481	1924
	16	8.0	2	493	986
	17	8.0	2	494	988
	18	8.0	2	480	960
	19	8.0	4	492	1968
	20	8.0	2	773	1546
	21	8.0	2	481	962
	22	8.0	2	494	988
	23	8.0	2	480	960
	24	8.0	2	492	984
	25	8.0	2	774	1548
	26	8.0	2	1124	2248
	27	8.0	2	530	1060
	28	8.0	1	140	140
	29	8.0	2	1198	2396
	30	8.0	2	489	978
	31	8.0	2	170	340
	32	8.0	2	182	364
	33	8.0	2	442	884
	34	8.0	2	480	960
	35	8.0	2	543	1086
	36	8.0	2	226	452
	37	8.0	2	265	530
	38	8.0	2	165	330
	39	8.0	2	184	368
	40	8.0	2	316	632
	41	8.0	2	336	672
	42	8.0	2	165	330
	43	8.0	2	245	490
	44	8.0	2	179	358
	45	8.0	2	211	422
	46	8.0	2	729	1458
	47	8.0	2	1195	2390
	48	8.0	2	764	1528
	49	10.0	2	789	1578
	50	10.0	2	173	346
	51	10.0	4	773	3092
	52	10.0	2	552	1104
	53	10.0	2	783	1566
	54	10.0	2	773	1546
	55	10.0	2	774	1548
	56	10.0	2	793	1586
	57	10.0	2	1017	2034
	58	10.0	2	795	1590
	59	10.0	2	1200	2400
	60	10.0	2	1195	2390
	61	10.0	2	181	362
	62	10.0	1	109	109
	63	10.0	2	552	1104

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	495	214.9
	5.0	225.6	34.7
CA60	5.0	730.4	124.7
PESO TOTAL (kg)			
CA50	367.8		
CA60	124.7		

Volume de concreto (C-25) = 8.12 m³
Área de forma = 136.34 m²

Obs:
01 - Planta de locação geral por ser encontrada no projeto arquitetônico, prancha 02/14;
02 - Todo espaçamento entre barras deverá ser respeitado;
03 - Cobrimento mínimo para fundações = 3cm / Cobrimento mínimo para demais elementos = 2,5cm;
04 - Todos os elementos de concreto deverão ser adensados de forma mecânizada (mangote), não é admitido adensamento manual;
05 - Prazos para desforma-> Pilares e faces laterais de vigas: 3 dias;
Face inferior de vigas: 14 dias;
Lajes: 21 dias;
Vigas com vãos superiores a 7m: 28 dias;
06 - Em vigas e lajes o processo de desforma deverá ocorrer do centro para as extremidades;
07 - Todas as lajes deverão receber uma armadura de distribuição (para combater fissuração superficial) com espaçamento de 25x25, aço 5.0mm;
08 - Toda laje deverá receber cura hidráulica por no mínimo 07 dias;

Aprovações

REALIZE
ARQUITETURA E ENGENHARIA

Contato
48 35270090
realize_eng@hotmail.com
realize_arq@hotmail.com

Responsável Técnico
Rafael Nuernberg
CREA - SC 129.640-7
Suellen M. Costa Palmas
CAU - SC A69267-0
EMPRESA = CREA - SC 136340-7

Projeto Educacional

Endereço : Rua Antônio Manoel Rocha, Espigão Grande - Maracajá / SC

Projeto Estrutural - Bloco Norte

Vigas - térreo;

Realize Arquitetura e Engenharia
CREA-SC 136.340-4

Prefeitura Municipal de Maracajá
CNPJ nº 82.915.026/0001-24

Escala	Data	ÁREA	Prancha
Indicada	10 . 11 . 2021	367,01m²	3/16