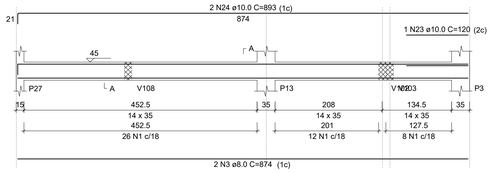
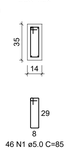
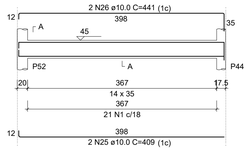
V130
ESC 1:50



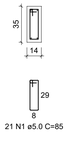
SEÇÃO A-A
ESC 1:25



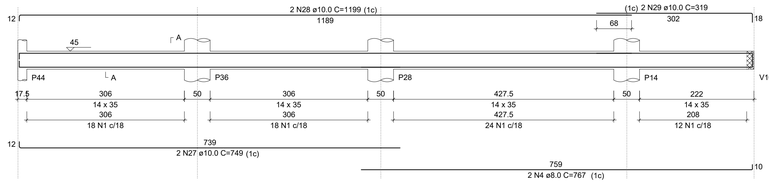
V131
ESC 1:50



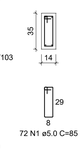
SEÇÃO A-A
ESC 1:25



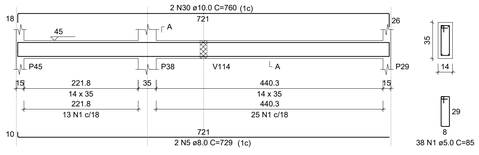
V132
ESC 1:50



SEÇÃO A-A
ESC 1:25

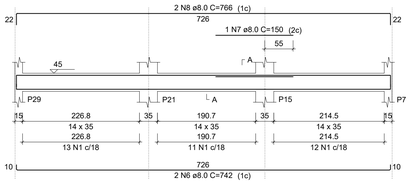


V133
ESC 1:50

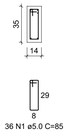


SEÇÃO A-A
ESC 1:25

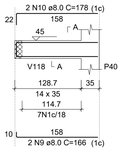
V134
ESC 1:50



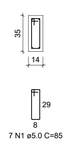
SEÇÃO A-A
ESC 1:25



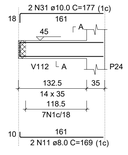
V135
ESC 1:50



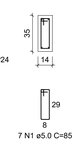
SEÇÃO A-A
ESC 1:25



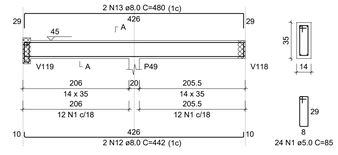
V136
ESC 1:50



SEÇÃO A-A
ESC 1:25

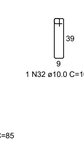


V137
ESC 1:50

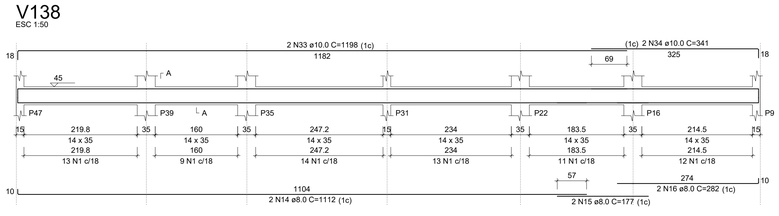


SEÇÃO A-A
ESC 1:25

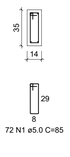
SUSPENSÃO V119
ESC 1:25



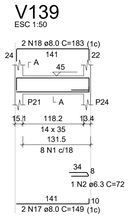
V138
ESC 1:50



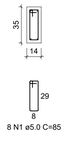
SEÇÃO A-A
ESC 1:25



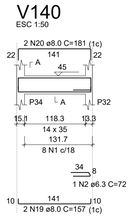
V139
ESC 1:50



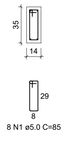
SEÇÃO A-A
ESC 1:25



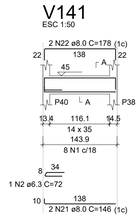
V140
ESC 1:50



SEÇÃO A-A
ESC 1:25



V141
ESC 1:50



SEÇÃO A-A
ESC 1:25



RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	2.2	0.6
	8.0	159.1	69
	10.0	132	89.5
CA60	5.0	294.9	50
PESO TOTAL (kg)			
CA50	159.1		
CA60	50		

Volume de concreto (C-25) = 3.00 m³
Área de forma = 51.50 m²

RELAÇÃO DO AÇO

V130	V131	V132
V133	V134	V135
V136	V137	V138
V139	V140	V141

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	347	85	29495
CA50	2	6.3	3	72	216
	3	8.0	2	874	1748
	4	8.0	2	767	1534
	5	8.0	2	729	1458
	6	8.0	2	742	1484
	7	8.0	1	150	150
	8	8.0	2	766	1532
	9	8.0	2	166	332
	10	8.0	2	178	356
	11	8.0	2	169	338
	12	8.0	2	442	884
	13	8.0	2	480	960
	14	8.0	2	1112	2224
	15	8.0	2	177	354
	16	8.0	2	282	564
	17	8.0	2	149	298
	18	8.0	2	183	366
	19	8.0	2	157	314
	20	8.0	2	181	362
	21	8.0	2	146	292
	22	8.0	2	178	356
	23	10.0	1	120	120
	24	10.0	2	893	1786
	25	10.0	2	409	818
	26	10.0	2	441	882
	27	10.0	2	749	1498
	28	10.0	2	1199	2398
	29	10.0	2	319	638
	30	10.0	2	760	1520
	31	10.0	2	177	354
	32	10.0	1	109	109
	33	10.0	2	1198	2396
	34	10.0	2	341	682

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

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ARQUITETURA E ENGENHARIA

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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	4/16