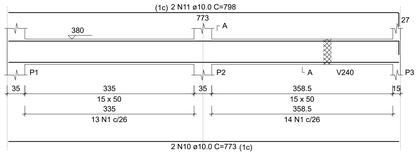
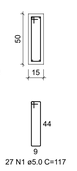
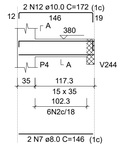
V201
ESC 1:50



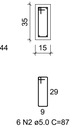
SEÇÃO A-A
ESC 1:25



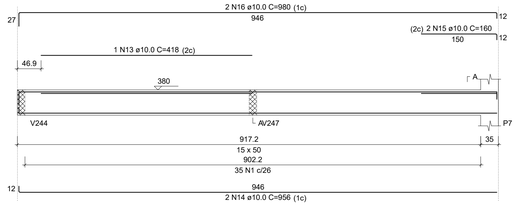
V202
ESC 1:50



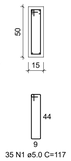
SEÇÃO A-A
ESC 1:25



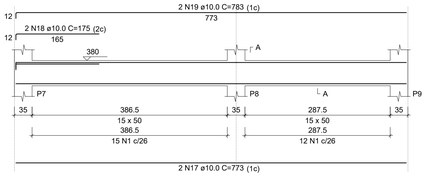
V203
ESC 1:50



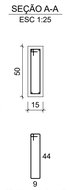
SEÇÃO A-A
ESC 1:25



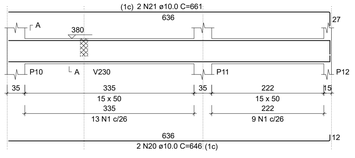
V204
ESC 1:50



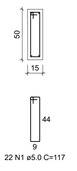
SEÇÃO A-A
ESC 1:25



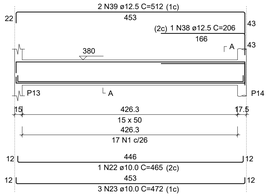
V205
ESC 1:50



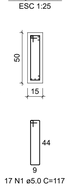
SEÇÃO A-A
ESC 1:25



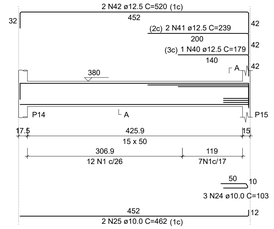
V206
ESC 1:50



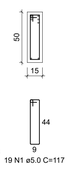
SEÇÃO A-A
ESC 1:25



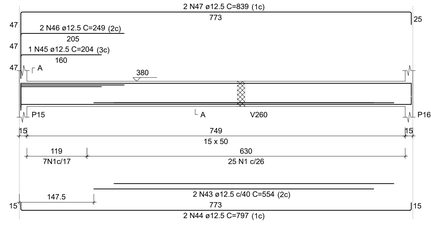
V207
ESC 1:50



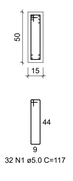
SEÇÃO A-A
ESC 1:25



V208
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V201 V202 V203
V204 V205 V206
V207 V208 V209
V210 V211 V212
V213 V214 V215
V216 V217 V218
V219

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	422	117	49374
	2	5.0	14	87	1218
CA50	3	6.3	6	112	672
	4	6.3	6	408	2448
	5	6.3	2	117	234
	6	6.3	6	115	690
	7	8.0	2	146	292
	8	8.0	2	154	308
	9	8.0	2	195	390
	10	10.0	2	773	1546
	11	10.0	2	798	1596
	12	10.0	2	172	344
	13	10.0	1	418	418
	14	10.0	2	956	1912
	15	10.0	2	160	320
	16	10.0	2	980	1960
	17	10.0	2	773	1546
	18	10.0	2	175	350
	19	10.0	2	783	1566
	20	10.0	2	646	1292
	21	10.0	2	661	1322
	22	10.0	1	465	465
	23	10.0	3	472	1416
	24	10.0	3	103	309
	25	10.0	2	462	924
	26	10.0	1	119	119
	27	10.0	2	389	778
	28	10.0	2	438	876
	29	10.0	4	783	3132
	30	10.0	1	485	485
	31	10.0	3	491	1473
	32	10.0	3	483	1449
	33	10.0	2	508	1016
	34	10.0	2	515	1030
	35	10.0	2	185	370
	36	10.0	1	280	280
	37	10.0	2	792	1584
	38	12.5	1	206	206
	39	12.5	2	512	1024
	40	12.5	1	179	179
	41	12.5	2	239	478
	42	12.5	2	520	1040
	43	12.5	2	554	1108
	44	12.5	6	797	4782
	45	12.5	1	204	204
	46	12.5	2	249	498
	47	12.5	2	839	1678
	48	12.5	1	610	610
	49	12.5	2	569	1138
	50	12.5	1	686	686
	51	12.5	2	815	1630
	52	12.5	1	176	176
	53	12.5	2	784	1568
	54	12.5	1	508	508
	55	12.5	2	515	1030
	56	12.5	1	527	527
	57	12.5	3	560	1680
	58	12.5	2	820	1640
	59	12.5	2	701	1402
	60	12.5	2	364	728
	61	12.5	1	730	730
	62	12.5	2	797	1594
	63	12.5	2	811	1622
	64	12.5	4	477	1908
	65	12.5	2	242	484
	66	12.5	2	508	1016
	67	12.5	1	204	204
	68	12.5	1	249	249
	69	12.5	2	510	1020

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	40.4	10.9
	8.0	9.9	4.3
	10.0	298.8	202.6
	12.5	333.5	353.4
CA60	5.0	505.9	85.8
PESO TOTAL (kg)			
CA50	571.2		
CA60	85.8		

Volume de concreto (C-25) = 8.42 m³
Área de forma = 129.23 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

V209
ESC 1:50

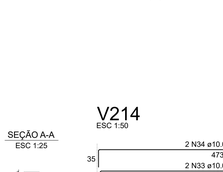


SEÇÃO A-A
ESC 1:25

SUSPENSÃO V238
ESC 1:25



V210
ESC 1:50



SEÇÃO A-A
ESC 1:25



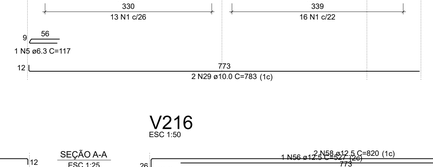
V211
ESC 1:50



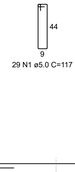
SEÇÃO A-A
ESC 1:25



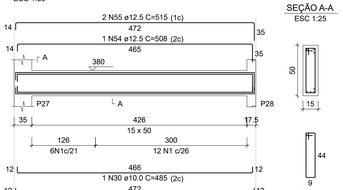
V212
ESC 1:50



SEÇÃO A-A
ESC 1:25

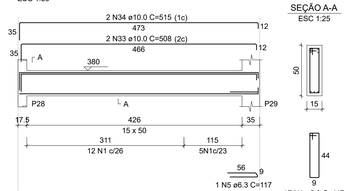


V213
ESC 1:50



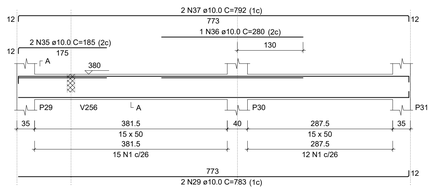
SEÇÃO A-A
ESC 1:25

V214
ESC 1:50

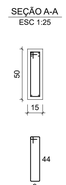


SEÇÃO A-A
ESC 1:25

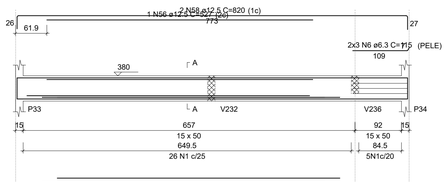
V215
ESC 1:50



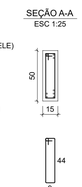
SEÇÃO A-A
ESC 1:25



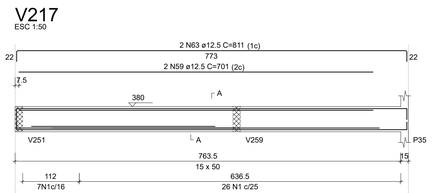
V216
ESC 1:50



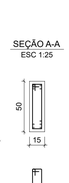
SEÇÃO A-A
ESC 1:25



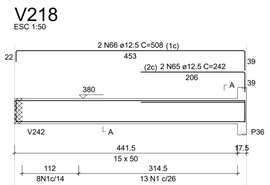
V217
ESC 1:50



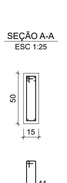
SEÇÃO A-A
ESC 1:25



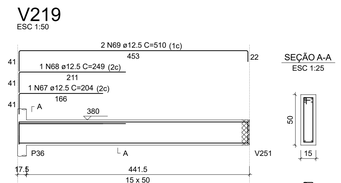
V218
ESC 1:50



SEÇÃO A-A
ESC 1:25



V219
ESC 1:50



SEÇÃO A-A
ESC 1:25

REALIZE
ARQUITETURA E ENGENHARIA

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Projeto Educacional

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

Projeto Estrutural - Bloco Norte

Vigas - cobertura;

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	10/16