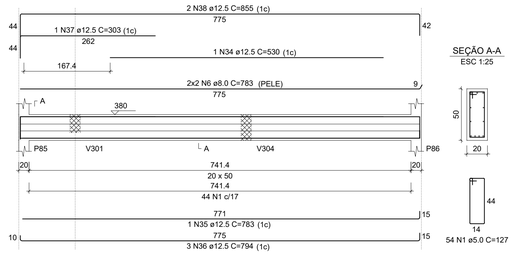
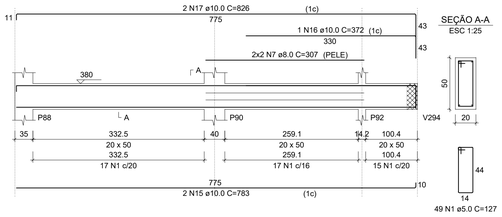
V274
ESC 1:50



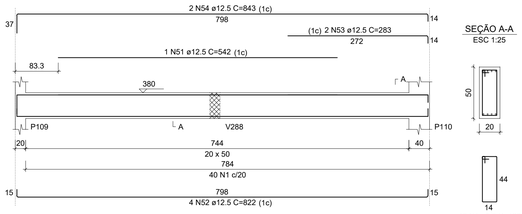
SEÇÃO A-A
ESC 1:25

V275
ESC 1:50



SEÇÃO A-A
ESC 1:25

V282
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

V274	V275	V276
V277	V278	V279
V280	V281	V282
V283	V284	V286
V288	V300	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	483	127	61341
	2	5.0	61	137	8357
	3	5.0	2	665	1330
	4	5.0	2	116	232
	5	5.0	25	97	2425
CA50	6	8.0	4	783	3132
	7	8.0	4	307	1228
	8	8.0	1	333	333
	9	8.0	4	785	3140
	10	8.0	4	783	3132
	11	8.0	2	428	856
	12	8.0	4	278	1116
	13	8.0	4	278	1112
	14	8.0	2	142	284
	15	10.0	2	783	1566
	16	10.0	1	372	372
	17	10.0	2	826	1652
	18	10.0	2	781	1562
	19	10.0	2	824	1648
	20	10.0	2	115	230
	21	10.0	4	681	2724
	22	10.0	2	117	234
	23	10.0	1	286	286
	24	10.0	2	826	1652
	25	10.0	2	934	1868
	26	10.0	2	201	402
	27	10.0	2	156	312
	28	10.0	2	772	1544
	29	10.0	2	815	1630
	30	10.0	2	745	1490
	31	10.0	2	795	1590
	32	10.0	2	147	294
	33	10.0	1	129	129
	34	12.5	1	530	530
	35	12.5	1	783	783
	36	12.5	3	794	2382
	37	12.5	3	303	909
	38	12.5	2	855	1710
	39	12.5	1	319	319
	40	12.5	2	814	1628
	41	12.5	1	476	476
	42	12.5	1	786	786
	43	12.5	3	791	2373
	44	12.5	1	310	310
	45	12.5	1	293	293
	46	12.5	2	854	1708
	47	12.5	1	514	514
	48	12.5	1	783	783
	49	12.5	3	794	2382
	50	12.5	2	859	1718
	51	12.5	1	542	542
	52	12.5	4	822	3288
	53	12.5	2	283	566
	54	12.5	2	843	1686
	55	12.5	3	807	2421
	56	12.5	2	221	442
	57	12.5	1	452	452
	58	12.5	4	726	2904
	59	12.5	2	801	1602
	60	12.5	1	312	312
	61	12.5	2	286	572
	62	20.0	2	292	584

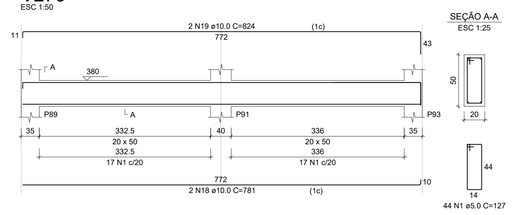
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	143.3	62.2
	10.0	211.8	143.7
	12.5	343.9	364.4
	20.0	5.8	15.8
CA60	5.0	736.9	124.9

PESO TOTAL (kg)	
CA50	586.2
CA60	124.9

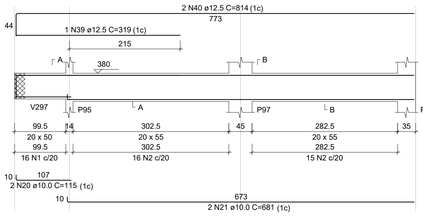
Volume de concreto (C-25) = 11.03 m³
Área de forma = 113.35 m²

V276
ESC 1:50

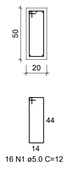


SEÇÃO A-A
ESC 1:25

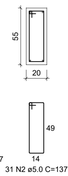
V277
ESC 1:50



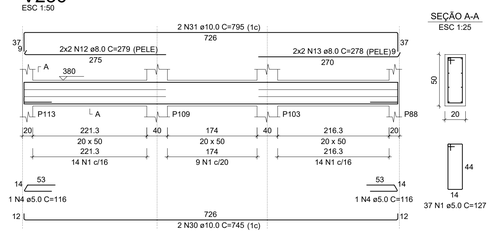
SEÇÃO A-A
ESC 1:25



SEÇÃO B-B
ESC 1:25

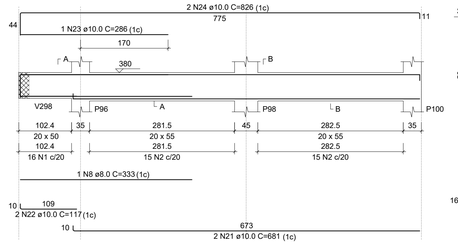


V286
ESC 1:50

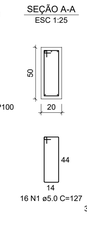


SEÇÃO A-A
ESC 1:25

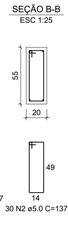
V278
ESC 1:50



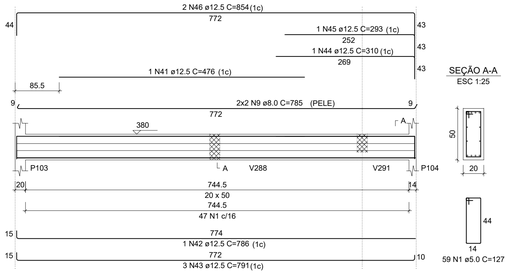
SEÇÃO A-A
ESC 1:25



SEÇÃO B-B
ESC 1:25

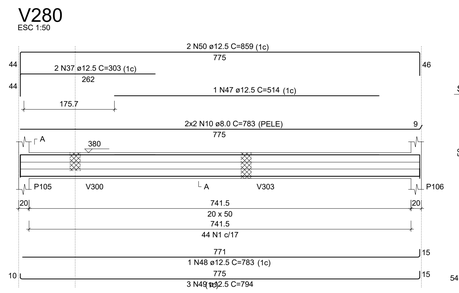


V279
ESC 1:50

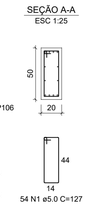


SEÇÃO A-A
ESC 1:25

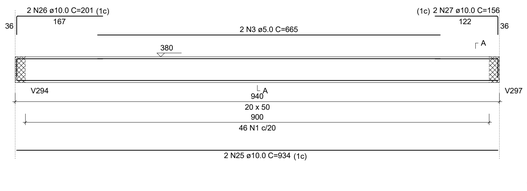
V280
ESC 1:50



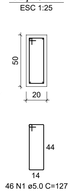
SEÇÃO A-A
ESC 1:25



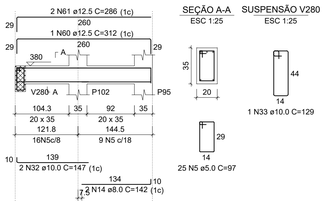
V281
ESC 1:50



SEÇÃO A-A
ESC 1:25



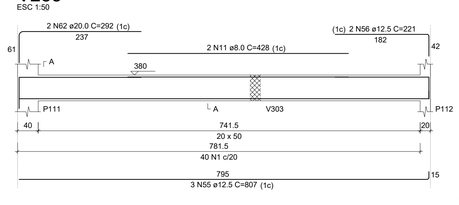
V300
ESC 1:50



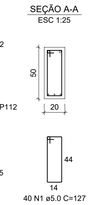
SEÇÃO A-A
ESC 1:25

SUSPENSÃO V280
ESC 1:25

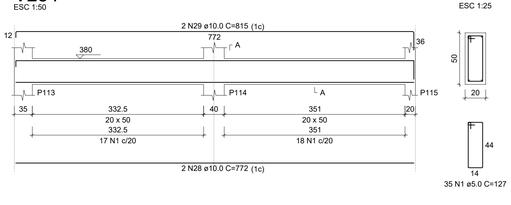
V283
ESC 1:50



SEÇÃO A-A
ESC 1:25

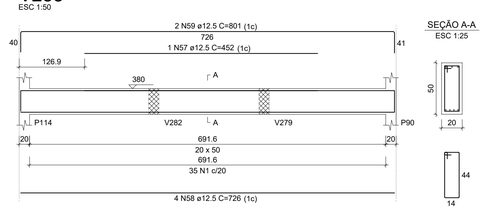


V284
ESC 1:50



SEÇÃO A-A
ESC 1:25

V288
ESC 1:50



SEÇÃO A-A
ESC 1:25

Obs:
01 - Todo espaçamento entre barras deverá ser respeitado;
02 - Cobrimento mínimo para fundações = 3cm / Cobrimento mínimo para demais elementos = 2,5cm;
03 - Todos os elementos de concreto deverão ser adensados de forma mecânizada (mangote), não é admitido adensamento manual;
04 - 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;
05 - Em vigas e lajes o processo de desforma deverá ocorrer do centro para as extremidades;
06 - Todas as lajes deverão receber uma armadura de distribuição (para combater fissuração superficial) com espaçamento de 25x25, aço 5.0mm;
07 - Toda laje deverá receber cura hidráulica por no mínimo 07 dias;

Aprovações

REALIZE
ARQUITETURA E ENGENHARIA

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EMPRESA = CREA - SC 136340-7

Projeto Educacional

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

Projeto Estrutural - Bloco Sul

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	513,76m²	15/19