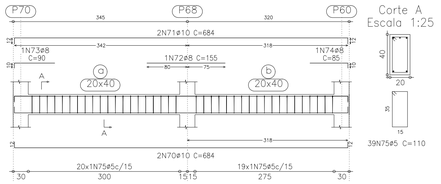
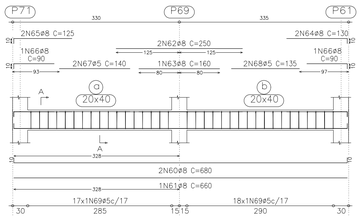
V 25
Escala 1:50

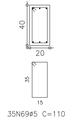


Corte A
Escala 1:25

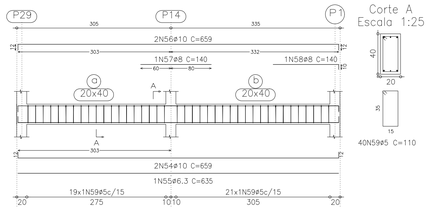
V 26
Escala 1:50



Corte A
Escala 1:25

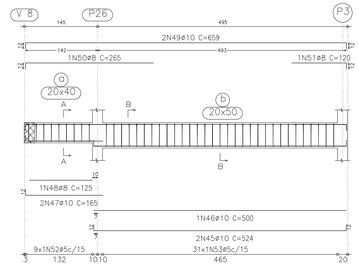


V 27
Escala 1:50

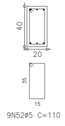


Corte A
Escala 1:25

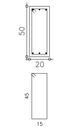
V 28
Escala 1:50



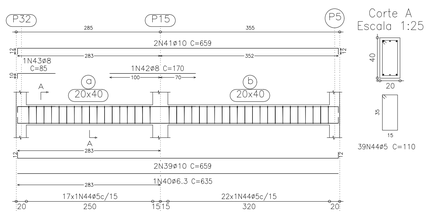
Corte A
Escala 1:25



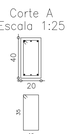
Corte B
Escala 1:25



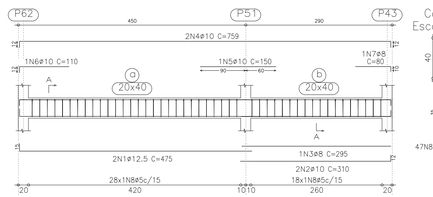
V 29
Escala 1:50



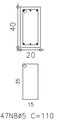
Corte A
Escala 1:25



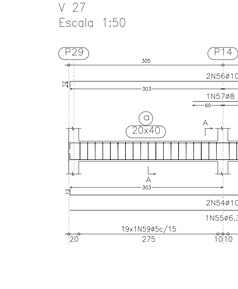
V 30
Escala 1:50



Corte A
Escala 1:25

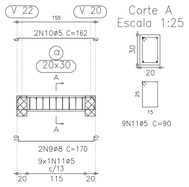


V 33
V 34
V 36
V 37
Escala 1:50



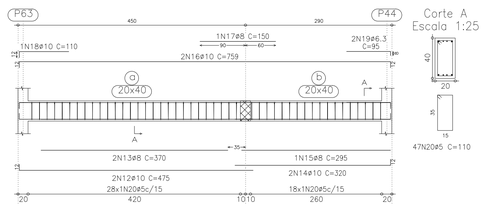
Corte A
Escala 1:25

V 31
Escala 1:50



Corte A
Escala 1:25

V 32
Escala 1:50

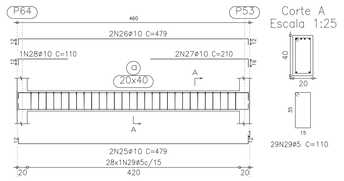


Corte A
Escala 1:25

Cinta
Desenho de vigas
Concreto: C30, usina,rigor
Aço: CA-50-A e CA-60-B
Escala vigas: 1:50
Escala seções: 1:25

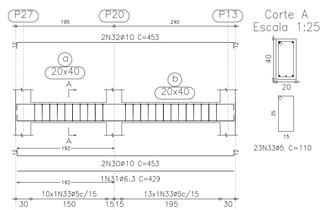
Elemento	Pos.	Diam.	Q	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
V 30	1	ø12.5	2	15	460		475	950	9.3	
	2	ø10	2		298	12	310	620	3.9	
	3	ø8	1		295		295	295	1.2	
	4	ø10	2	12	735	12	759	1518	9.5	
	5	ø10	1		150		150	150	0.9	
	6	ø10	1	12	98		110	110	0.7	
	7	ø8	1		70	10	80	80	0.3	
	8	ø5	46				110	5060		7.9
								Total+10%	28.4	8.7
V 31	9	ø8	2	10	150	10	170	340	1.3	
	10	ø5	2	6	150	6	162	324		0.5
	11	ø5	9				90	810		1.3
								Total+10%	1.4	2.0
V 32	12	ø10	2	12	463		475	950	6.0	
	13	ø8	2		370		370	740	2.9	
	14	ø10	2		308	12	320	640	4.0	
	15	ø8	1		295		295	295	1.2	
	16	ø10	2	12	735	12	759	1518	9.5	
	17	ø8	1		150		150	150	0.6	
	18	ø10	1	12	98		110	110	0.7	
	19	ø6.3	2		87	8	95	190	0.5	
	20	ø5	46				110	5060		7.9
								Total+10%	27.9	8.7
V 33=V 34=V 36 V 37	21	ø10	2	12	250	12	274	548	3.4	
	22	ø8	1		250		250	250	1.0	
	23	ø10	2	12	250	12	274	548	3.4	
	24	ø5	13				110	1430		2.2
								Total+10%	8.6	2.4
								(x4)	34.4	9.6
V 35	25	ø10	2	12	455	12	479	958	6.0	
	26	ø10	2	12	455	12	479	958	6.0	
	27	ø10	2		194	16	210	420	2.6	
	28	ø10	1	12	98		110	110	0.7	
	29	ø5	28				110	3080		4.8
								Total+10%	16.8	5.3
V 38	30	ø10	2	12	429	12	453	906	5.7	
	31	ø6.3	1		429		429	429	1.1	
	32	ø10	2	12	429	12	453	906	5.7	
	33	ø5	23				110	2530		4.0
								Total+10%	13.8	4.4
V 39	34	ø10	2	12	544	12	568	1136	7.1	
	35	ø6.3	1		544		544	544	1.3	
	36	ø8	1	10	205		215	215	0.8	
	37	ø10	2	12	544	12	568	1136	7.1	
	38	ø5	31				110	3410		5.4
								Total+10%	17.9	5.9
V 29	39	ø10	2	12	635	12	659	1318	8.3	
	40	ø6.3	1		635		635	635	1.6	
	41	ø10	2	12	635	12	659	1318	8.3	
	42	ø8	1		170		170	170	0.7	
	43	ø8	1	10	75		85	85	0.3	
	44	ø5	39				110	4290		6.7
								Total+10%	21.1	7.4
V 28	45	ø10	2	12	500	12	524	1048	6.6	
	46	ø10	1		500		500	500	3.1	
	47	ø10	2	12	153		165	330	2.1	
	48	ø8	1		125		125	125	0.5	
	49	ø10	2	12	635	12	659	1318	8.3	
	50	ø8	1	12	253		265	265	1.0	
	51	ø8	1		108	12	120	120	0.5	
	52	ø5	9				110	990		1.6
	53	ø5	31				130	4030		6.3
								Total+10%	24.3	8.7
V 27	54	ø10	2	12	635	12	659	1318	8.3	
	55	ø6.3	1		635		635	635	1.6	
	56	ø10	2	12	635	12	659	1318	8.3	
	57	ø8	1		140		140	140	0.5	
	58	ø8	1		130	10	140	140	0.5	
	59	ø5	40				110	4400		6.9
								Total+10%	21.1	7.6
V 26	60	ø8	2	10	660	10	680	1360	5.3	
	61	ø8	1		660		660	660	2.6	
	62	ø8	2		250		250	500	2.0	
	63	ø8	1		160		160	160	0.6	
	64	ø8	2		120	10	130	260	1.0	
	65	ø8	2	10	115		125	250	1.0	
	66	ø8	2	10	80		90	180	0.7	
	67	ø5	2		140		140	280		0.4
	68	ø5	2		135		135	270		0.4
	69	ø5	35				110	3850		6.0
								Total+10%	14.5	7.5
V 25	70	ø10	2	12	660	12	684	1368	8.6	
	71	ø10	2	12	660	12	684	1368	8.6	
	72	ø8	1		155		155	155	0.6	
	73	ø8	1	10	80		90	90	0.4	
	74	ø8	1		75	10	85	85	0.3	
	75	ø5	39				110	4290		6.7
								Total+10%	20.4	7.4
								ø5:	0.0	83.2
								ø6.3:	6.7	0.0
								ø8:	33.9	0.0
								ø10:	191.2	0.0
								ø12.5:	10.2	0.0
								Total:	242.0	83.2

V 35
Escala 1:50



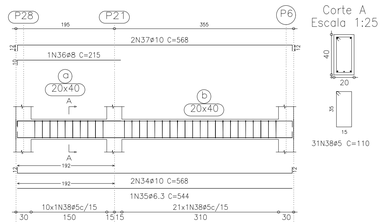
Corte A
Escala 1:25

V 38
Escala 1:50



Corte A
Escala 1:25

V 39
Escala 1:50



Corte A
Escala 1:25

NOTAS:

- VER LOCAÇÃO DA OBRA JUNTO COM A FISCALIZAÇÃO
- HAVENDO DIVERGÊNCIA ENTRE AS COTAS E MEDIDAS DE ARQUITETURA, PREVALECE A ARQUITETURA
- ATENÇÃO PARA O ESQUADRO DA OBRA
- CASO SURJA ALGUMA INTERFERENCIA NÃO PREVISTA, CONSULTAR O CALCULISTA
- CONFERIR E AJUSTAR TODAS AS MEDIDAS NO LOCAL
- NÃO TOMAR MEDIDAS EM ESCALA
- MEDIDAS EM CENTMETROS

PLANTA CHAVE

LEGENDA

NOTAS

NOTAS:
1 - DIREITOS AUTORAIS RESERVADOS - (LEI DE DIREITOS AUTORAIS DE 19 DE FEVEREIRO DE 1998). ESTE ARQUIVO NÃO PODERÁ SER MANIPULADO OU ALTERADO SEM A PRÉVIA AUTORIZAÇÃO DOS AUTORES DO PROJETO.
2 - TODAS AS MEDIDAS DEVERÃO SER CONFERIDAS NO LOCAL ANTES DA EXECUÇÃO.
3 - ESTE ESTUDO NÃO PODERÁ SER EXECUTADO SEM A DEVIDA CONFERÊNCIA NO LOCAL.
4 - COTAS EM NÍVEL ACABADO

REVISÕES

REV.	DATA	DESENHO	AUTOR DA REVISÃO
00	12/08/19	EMISSÃO INICIAL	MARIA JOSÉ MELLO

EMUSA

PREFEITURA MUNICIPAL DE NITERÓI

OBRA : MATERNIDADE ALZIRA REIS

MCB PROJETOS

PROJETO ESTRUTURAL
ARMAÇÃO DAS CINTAS - 3ª PARTE

FOLHA: 14

DIRETOR DE PLANEJAMENTO E CAPTAÇÃO DE RECURSOS: PAULO CÉSAR SILVA CARRERA

ARQUITETOS: MARIA JOSÉ MELLO, BRUNO AFONSO, RENATA GUIMARÃES, PATRICK KIMANI, LAIS MENEZES

DATA: 12/08/2019

ESCALA: INDICADA

SEC.	P/ PLOTAR	10/1
PENAS	P/ PLOTAGEM	
COR	PENA	ESP.
1	1	.1
2	7	.2
3	3	.3
4	7	.4
5	7	.5
6	7	.6
7	7	.15
8	8	.08
9	7	.8
DEMAIS	7	.1

Formato A1 (Extendido) – 1025 x 597