



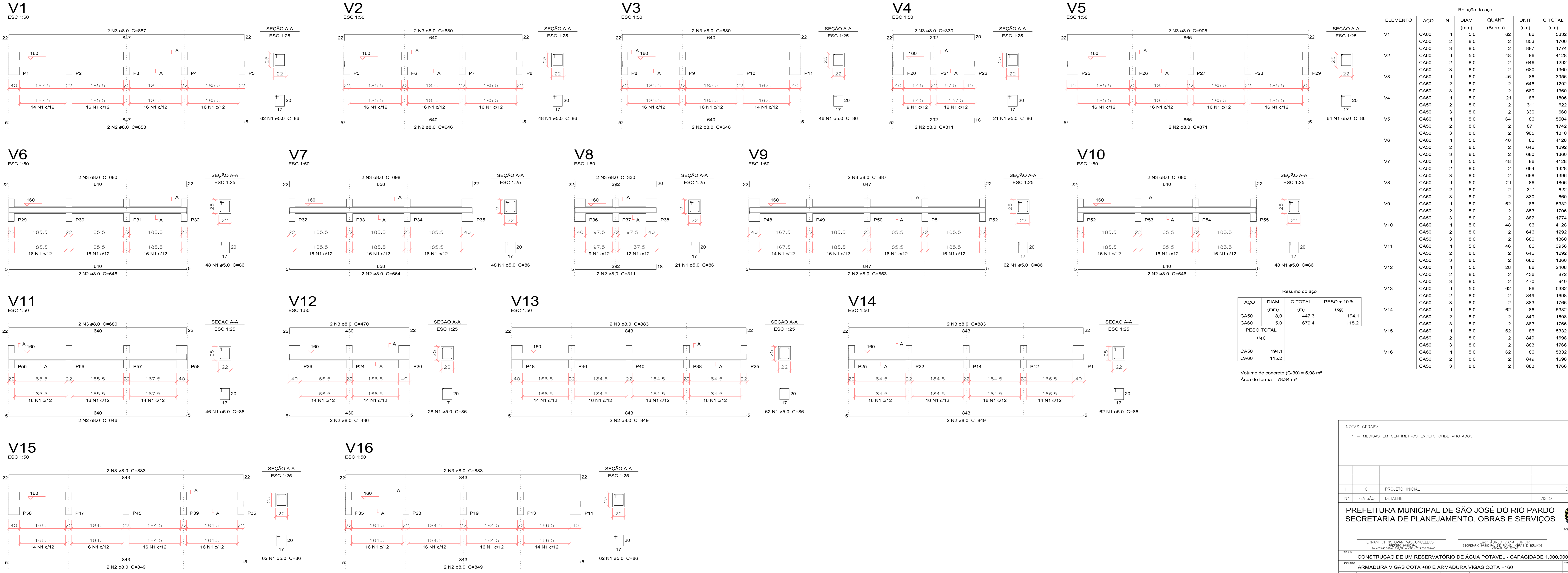
Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
V1	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	853	1706	
	CA50	3	8,0	2	887	1774	
V2	CA60	1	5,0	48	86	4128	
	CA50	2	8,0	2	646	1292	
	CA50	3	8,0	2	680	1360	
V3	CA60	1	5,0	46	86	3956	
	CA50	2	8,0	2	646	1292	
	CA50	3	8,0	2	680	1360	
V4	CA60	1	5,0	21	86	1806	
	CA50	2	8,0	2	311	622	
	CA50	3	8,0	2	330	660	
V5	CA60	1	5,0	64	86	5504	
	CA50	2	8,0	2	871	1742	
	CA50	3	8,0	2	905	1810	
V6	CA60	1	5,0	48	86	4128	
	CA50	2	8,0	2	646	1292	
	CA50	3	8,0	2	680	1360	
V7	CA60	1	5,0	48	86	4128	
	CA50	2	8,0	2	664	1328	
	CA50	3	8,0	2	698	1396	
V8	CA60	1	5,0	21	86	1806	
	CA50	2	8,0	2	311	622	
	CA50	3	8,0	2	330	660	
V9	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	853	1706	
	CA50	3	8,0	2	887	1774	
V10	CA60	1	5,0	48	86	4128	
	CA50	2	8,0	2	646	1292	
	CA50	3	8,0	2	680	1360	
V11	CA60	1	5,0	46	86	3956	
	CA50	2	8,0	2	646	1292	
	CA50	3	8,0	2	680	1360	
V12	CA60	1	5,0	28	86	2408	
	CA50	2	8,0	2	436	872	
	CA50	3	8,0	2	470	940	
V13	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	849	1698	
	CA50	3	8,0	2	883	1766	
V14	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	849	1698	
	CA50	3	8,0	2	883	1766	
V15	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	849	1698	
	CA50	3	8,0	2	883	1766	
V16	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	849	1698	
	CA50	3	8,0	2	883	1766	

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8,0	447,3	194,1
CA60	5,0	679,4	115,2
PESO TOTAL (kg)			
CA50			194,1
CA60			115,2

Volume de concreto (C-30) = 5,98 m³
Área de forma = 78,34 m²



Relação do aço

ELEMENTO	AÇO	N	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
V1	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	853	1706	
	CA50	3	8,0	2	887	1774	
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	CA50	2	8,0	2	646	1292	
	CA50	3	8,0	2	680	1360	
V3	CA60	1	5,0	46	86	3956	
	CA50	2	8,0	2	646	1292	
	CA50	3	8,0	2	680	1360	
V4	CA60	1	5,0	21	86	1806	
	CA50	2	8,0	2	311	622	
	CA50	3	8,0	2	330	660	
V5	CA60	1	5,0	64	86	5504	
	CA50	2	8,0	2	871	1742	
	CA50	3	8,0	2	905	1810	
V6	CA60	1	5,0	48	86	4128	
	CA50	2	8,0	2	646	1292	
	CA50	3	8,0	2	680	1360	
V7	CA60	1	5,0	48	86	4128	
	CA50	2	8,0	2	664	1328	
	CA50	3	8,0	2	698	1396	
V8	CA60	1	5,0	21	86	1806	
	CA50	2	8,0	2	311	622	
	CA50	3	8,0	2	330	660	
V9	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	853	1706	
	CA50	3	8,0	2	887	1774	
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V11	CA60	1	5,0	46	86	3956	
	CA50	2	8,0	2	646	1292	
	CA50	3	8,0	2	680	1360	
V12	CA60	1	5,0	28	86	2408	
	CA50	2	8,0	2	436	872	
	CA50	3	8,0	2	470	940	
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	CA50	2	8,0	2	849	1698	
	CA50	3	8,0	2	883	1766	
V14	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	849	1698	
	CA50	3	8,0	2	883	1766	
V15	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	849	1698	
	CA50	3	8,0	2	883	1766	
V16	CA60	1	5,0	62	86	5332	
	CA50	2	8,0	2	849	1698	
	CA50	3	8,0	2	883	1766	

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8,0	447,3	194,1
CA60	5,0	679,4	115,2
PESO TOTAL (kg)			
CA50			194,1
CA60			115,2

Volume de concreto (C-30) = 5,98 m³
Área de forma = 78,34 m²

NOTAS GERAIS:
1 - MEDIDAS EM CENTÍMETROS EXCETO ONDE ANOTADOS;

Nº	0	PROJETO INICIAL	03/2015
Nº	REVISÃO	DETALHE	WSTO DATA

PREFEITURA MUNICIPAL DE SÃO JOSÉ DO RIO PARDO
SECRETARIA DE PLANEJAMENTO, OBRAS E SERVIÇOS

ERIAN CHRISTOVAM VASCONCELLOS
SECRETÁRIO MUNICIPAL DE PLANEJAMENTO, OBRAS E SERVIÇOS

ENY ALBERTO VIANA JUNIOR
DELEGADO MUNICIPAL DE PLANEJAMENTO, OBRAS E SERVIÇOS

CONSTRUÇÃO DE UM RESERVATÓRIO DE ÁGUA POTÁVEL - CAPACIDADE 1.000.000LTS

ARMADURA VIGAS COTA +80 E ARMADURA VIGAS COTA +160

6/6

SMPOS - SMPOS_RESERV_LIDMARG ESTRUT_03.dwg