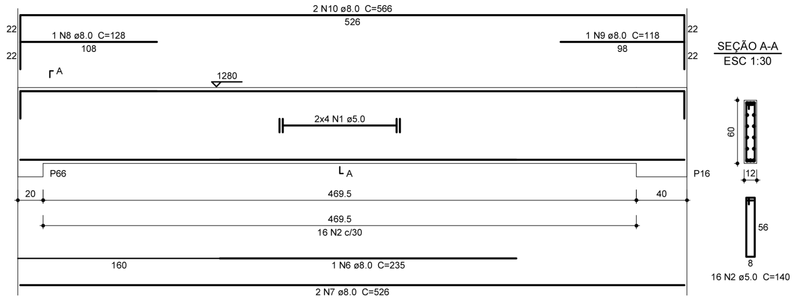
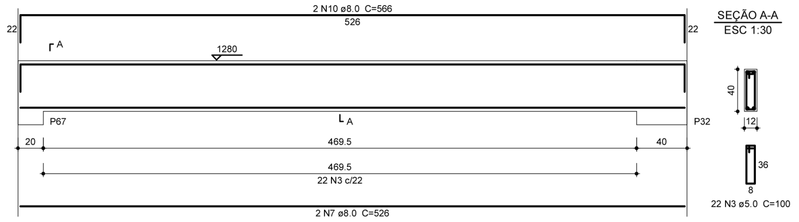
VIGAS DA COBERTURA DA CAIXA D'AGUA

V1
1:25



V2
1:25



Relação do aço

V1
V4

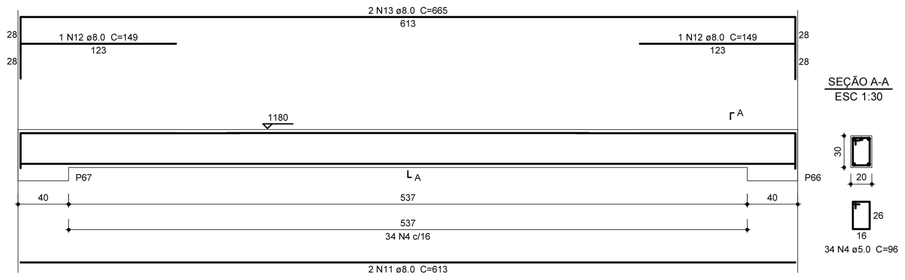
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	8	CORR	3760
	2	5.0	36	140	5040
	3	5.0	22	100	2200
	4	5.0	34	96	3264
	5	5.0	8	CORR	4616
CA50	6	8.0	1	235	235
	7	8.0	4	526	2104
	8	8.0	1	128	128
	9	8.0	1	118	118
	10	8.0	4	566	2264
	11	8.0	4	613	2452
	12	8.0	2	149	298
	13	8.0	2	665	1330
	14	8.0	1	327	327
	15	8.0	2	103	206
	16	8.0	2	653	1306

Resumo do aço

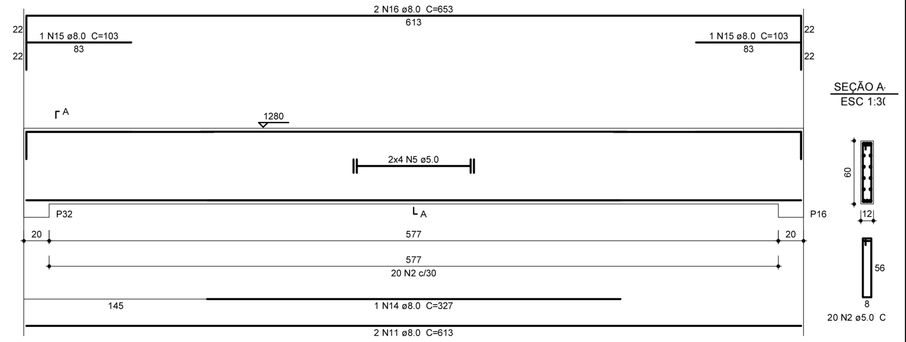
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	107.7	46.7
CA60	5.0	188.8	32
PESO TOTAL			
CA50	46.7		
CA60	32		

Vol. de concreto total (C-25) = 1.45 m³
Área de forma total = 24.94 m²

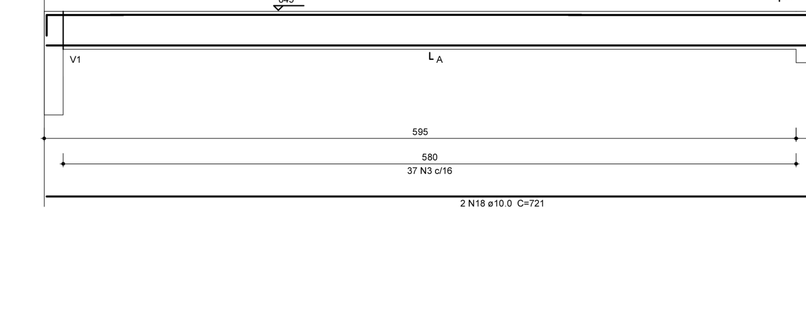
V3
1:25



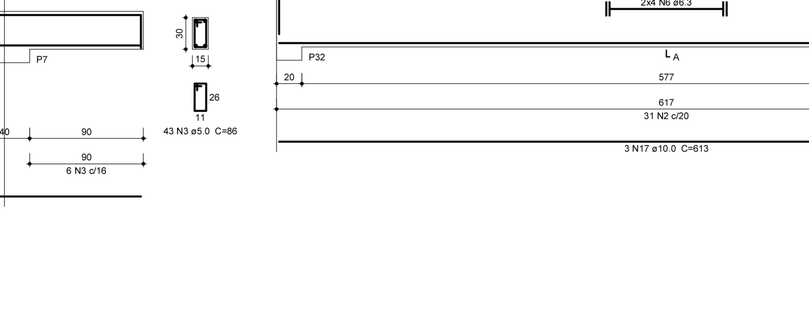
V4
1:25



V1
1:25



V2
1:25



Relação do aço

V1
V4

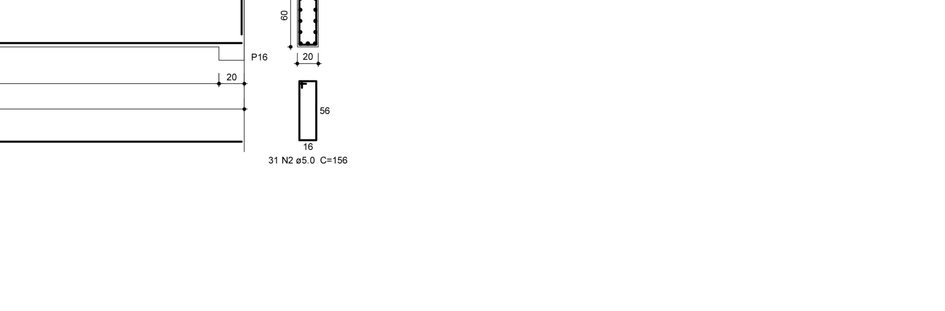
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	104	156	16224
CA50	2	6.3	16	CORR	7520
	3	6.3	8	CORR	4296
	4	6.3	8	CORR	4616
	5	10.0	2	305	610
	6	10.0	2	536	1072
	7	10.0	2	150	300
	8	10.0	1	185	185
	9	10.0	2	584	1168
	10	10.0	2	526	1052
	11	10.0	1	186	186
	12	10.0	2	585	1170
	13	12.5	2	613	1226
	14	12.5	1	206	206
	15	12.5	1	212	212
	16	12.5	2	690	1380
	17	12.5	3	637	1911
	18	12.5	2	698	1396

Resumo do aço

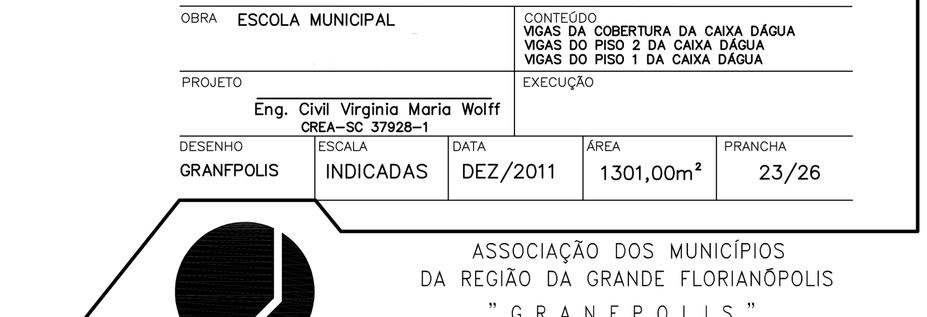
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	164.4	44.2
	10.0	57.5	38.9
	12.5	63.4	67.1
CA60	5.0	162.3	27.5
PESO TOTAL			
CA50	150.3		
CA60	27.5		

Vol. de concreto total (C-25) = 2.75 m³
Área de forma total = 32.1 m²

V3
1:25



V4
1:25



V1
1:25

V2
1:25

V3
1:25

Relação do aço

V1
V4
V2
V5
V3

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	19	190	3610
	2	5.0	89	156	13884
	3	5.0	43	86	3698
CA50	4	6.3	8	CORR	3760
	5	6.3	8	CORR	4240
	6	6.3	16	CORR	9872
	7	10.0	1	340	340
	8	10.0	4	526	2104
	9	10.0	1	141	141
	10	10.0	1	181	181
	11	10.0	2	581	1162
	12	10.0	1	280	280
	13	10.0	1	145	145
	14	10.0	1	174	174
	15	10.0	2	583	1166
	16	10.0	1	317	317
	17	10.0	5	613	3065
	18	10.0	2	721	1442
	19	10.0	2	758	1516
	20	12.5	1	207	207
	21	12.5	1	192	192
	22	12.5	2	686	1372
	23	12.5	2	701	1402

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	178.8	48.1
	10.0	120.4	81.6
	12.5	31.8	33.6
CA60	5.0	212	35.9
PESO TOTAL			
CA50	163.3		
CA60	35.9		

Vol. de concreto total (C-25) = 3.09 m³
Área de forma total = 39.6 m²

V4
1:25

V5
1:25

ESTRUTURAL

MUNICÍPIO
ANTÔNIO CARLOS – SC

OBRA ESCOLA MUNICIPAL

CONTEÚDO
VIGAS DA COBERTURA DA CAIXA DÁGUA
VIGAS DO PISO 2 DA CAIXA DÁGUA
VIGAS DO PISO 1 DA CAIXA DÁGUA

PROJETO
Eng. Civil Virginia Maria Wolff
CREA–SC 37928–1

EXECUÇÃO

DESENHO	ESCALA	DATA	ÁREA	PRANCHA
GRANFPOLIS	INDICADAS	DEZ/2011	1301,00m²	23/26

ASSOCIAÇÃO DOS MUNICÍPIOS
DA REGIÃO DA GRANDE FLORIANÓPOLIS
" G R A N F P O L I S "
ASSESSORIA DE ENGENHARIA E ARQUITETURA