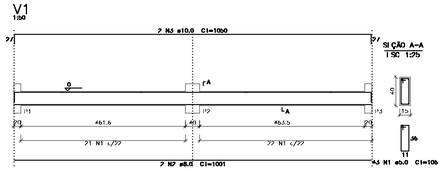

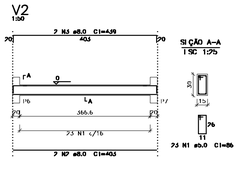

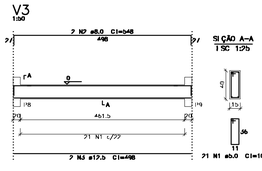

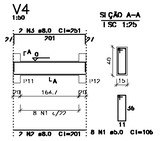

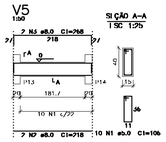

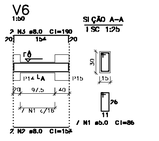

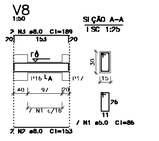

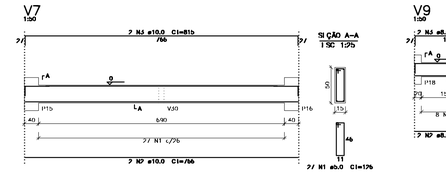

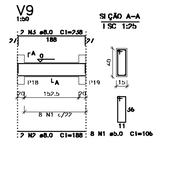

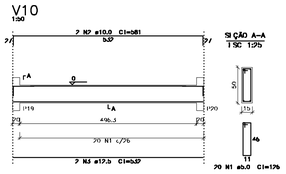

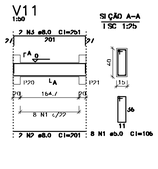

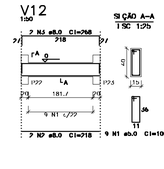

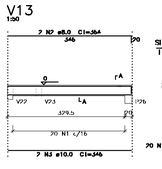

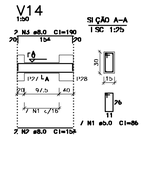

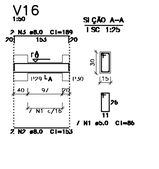

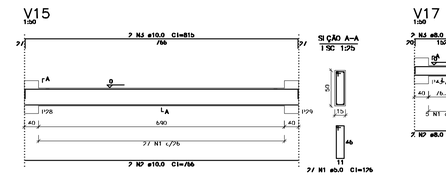

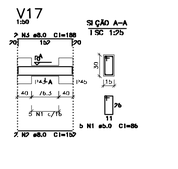

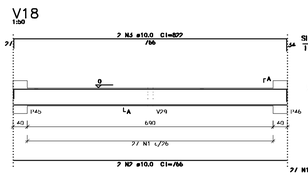

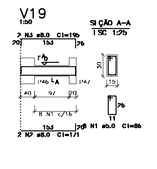

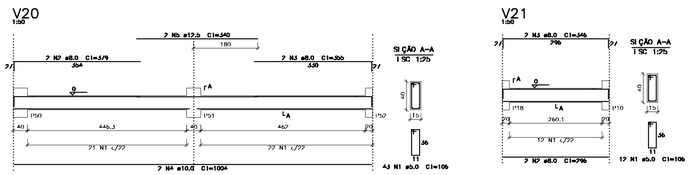

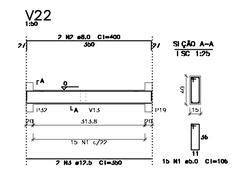

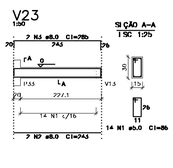

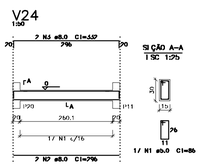

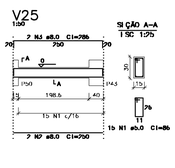

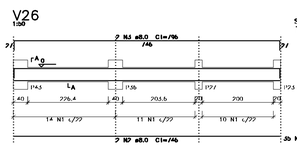

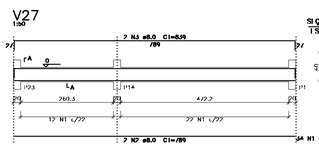

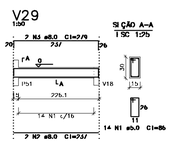

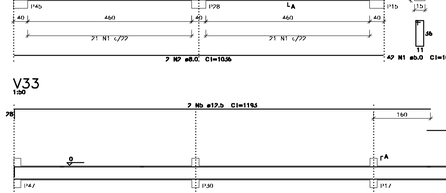

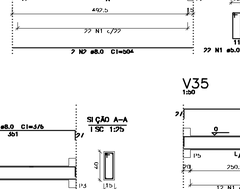

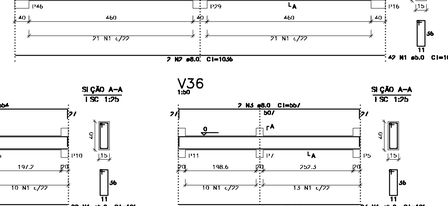

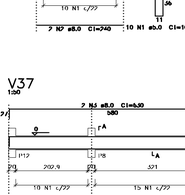

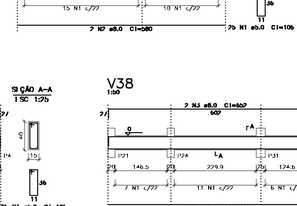

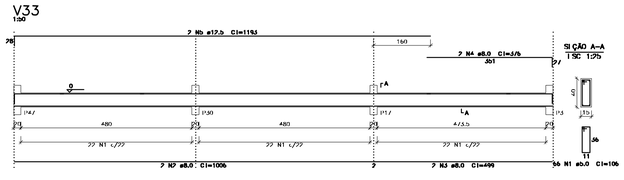

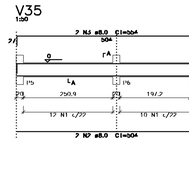

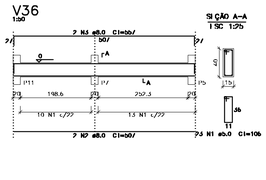

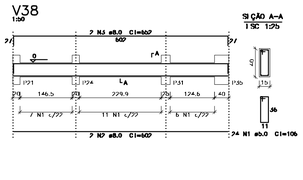

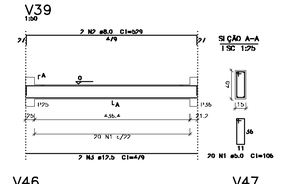

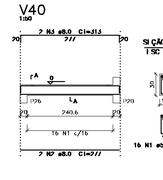

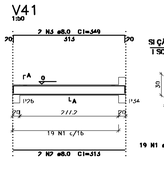

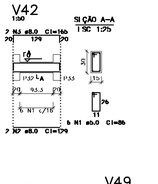

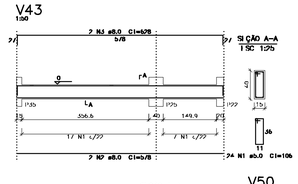

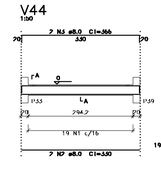

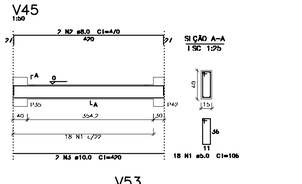

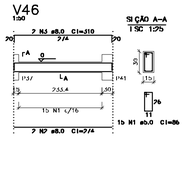

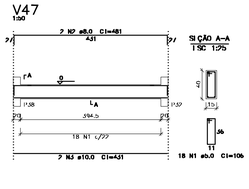

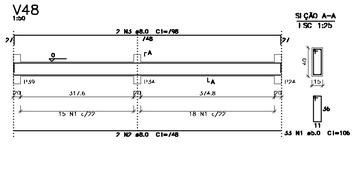

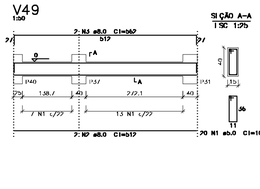

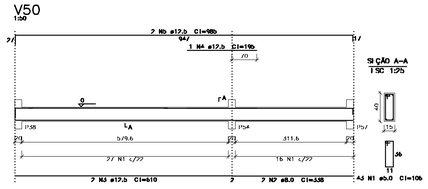

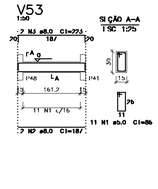

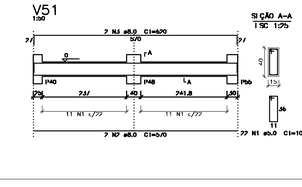

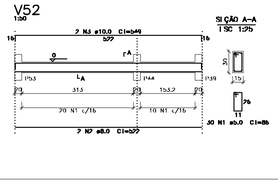

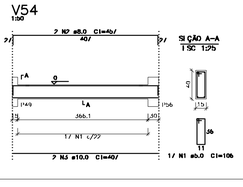

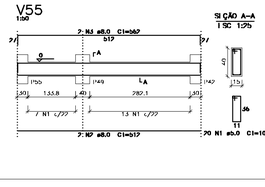

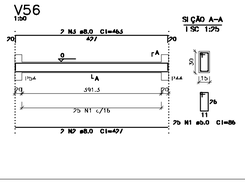

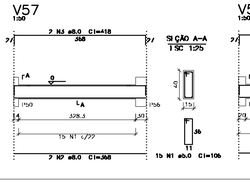

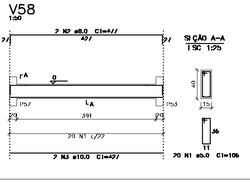

Relação do aço

I IMENTO	AÇO	N	XAM	Q	UNI (cm)	C.TOTA (cm)
V1	CA50	1	5.0	43	106	4508
	CA50	2	8.0	2	1001	2002
	CA50	3	10.0	2	1050	2100
V2	CA50	1	5.0	23	86	1978
	CA50	2	8.0	2	403	806
	CA50	3	8.0	2	439	878
V3	CA50	1	5.0	21	106	2226
	CA50	2	8.0	2	548	1096
	CA50	3	8.0	2	498	996
V4	CA50	1	5.0	8	106	848
	CA50	2	8.0	2	701	1402
	CA50	3	8.0	2	751	1502
V5	CA50	1	5.0	10	106	1060
	CA50	2	8.0	2	718	436
	CA50	3	8.0	2	768	536
V6	CA50	1	5.0	8	86	692
	CA50	2	8.0	2	154	308
	CA50	3	8.0	2	190	380
V7	CA50	1	5.0	27	126	3402
	CA50	2	10.0	2	786	1572
	CA50	3	10.0	2	815	1630
V8	CA50	1	5.0	7	86	602
	CA50	2	8.0	2	153	306
	CA50	3	8.0	2	189	378
V9	CA50	1	5.0	8	106	848
	CA50	2	8.0	2	188	376
	CA50	3	8.0	2	238	476
V10	CA50	1	5.0	20	126	2520
	CA50	2	10.0	2	581	1162
	CA50	3	12.5	2	537	1084
V11	CA50	1	5.0	8	106	848
	CA50	2	8.0	2	701	402
	CA50	3	8.0	2	751	502
V12	CA50	1	5.0	9	106	954
	CA50	2	8.0	2	718	436
	CA50	3	8.0	2	768	536
V13	CA50	1	5.0	20	86	1720
	CA50	2	8.0	2	364	728
	CA50	3	10.0	2	346	692
V14	CA50	1	5.0	8	86	602
	CA50	2	8.0	2	154	308
	CA50	3	8.0	2	190	380
V15	CA50	1	5.0	27	126	3402
	CA50	2	10.0	2	786	1572
	CA50	3	10.0	2	815	1630
V16	CA50	1	5.0	7	86	602
	CA50	2	8.0	2	153	306
	CA50	3	8.0	2	189	378
V17	CA50	1	5.0	5	86	430
	CA50	2	8.0	2	157	314
	CA50	3	8.0	2	188	376
V18	CA50	1	5.0	27	126	3402
	CA50	2	10.0	2	786	1572
	CA50	3	10.0	2	827	1644
V19	CA50	1	5.0	7	86	602
	CA50	2	8.0	2	171	342
	CA50	3	8.0	2	190	380
V20	CA50	1	5.0	43	106	4508
	CA50	2	8.0	2	379	758
	CA50	3	8.0	2	355	710
	CA50	4	10.0	2	1054	2908
	CA50	5	12.5	2	340	680
V21	CA50	1	5.0	12	106	1272
	CA50	2	8.0	2	296	592
	CA50	3	8.0	2	346	692
V22	CA50	1	5.0	15	106	1590
	CA50	2	8.0	2	400	800
	CA50	3	12.5	2	350	700
V23	CA50	1	5.0	14	86	1204
	CA50	2	8.0	2	243	486
	CA50	3	8.0	2	285	570
V24	CA50	1	5.0	17	86	1462
	CA50	2	8.0	2	298	596
	CA50	3	8.0	2	337	664
V25	CA50	1	5.0	15	86	1290
	CA50	2	8.0	2	250	500
	CA50	3	8.0	2	286	572
V26	CA50	1	5.0	30	106	3180
	CA50	2	8.0	2	746	1492
	CA50	3	8.0	2	786	1572
V27	CA50	1	5.0	34	106	3604
	CA50	2	8.0	2	789	1578
	CA50	3	8.0	2	839	1678
V28	CA50	1	5.0	42	106	4452
	CA50	2	8.0	2	1036	2072
	CA50	3	8.0	2	1086	2172
V29	CA50	1	5.0	14	86	1204
	CA50	2	8.0	2	237	474
	CA50	3	8.0	2	279	558
V30	CA50	1	5.0	22	106	2332
	CA50	2	8.0	2	504	1008
	CA50	3	8.0	2	529	1058
V31	CA50	1	5.0	42	106	4452
	CA50	2	8.0	2	1036	2072
	CA50	3	8.0	2	1086	2172
V32	CA50	1	5.0	10	106	1060
	CA50	2	8.0	2	740	480
	CA50	3	8.0	2	790	580
V33	CA50	1	5.0	66	106	6996
	CA50	2	8.0	2	1006	2012
	CA50	3	8.0	2	499	998
	CA50	4	8.0	2	316	632
	CA50	5	12.5	2	1193	2586
V34	CA50	1	5.0	25	106	2650
	CA50	2	8.0	2	580	1160
	CA50	3	8.0	2	630	1260
V35	CA50	1	5.0	22	106	2332
	CA50	2	8.0	2	504	1008
	CA50	3	8.0	2	554	1108
V36	CA50	1	5.0	23	106	2438
	CA50	2	8.0	2	507	1014
	CA50	3	8.0	2	557	1114
V37	CA50	1	5.0	29	106	3074
	CA50	2	8.0	2	580	1160
	CA50	3	8.0	2	630	1260
V38	CA50	1	5.0	24	106	2544
	CA50	2	8.0	2	602	1204
	CA50	3	8.0	2	652	1304
V39	CA50	1	5.0	20	106	2120
	CA50	2	8.0	2	509	1018
	CA50	3	12.5	2	479	958
V40	CA50	1	5.0	19	86	1634
	CA50	2	8.0	2	277	554
	CA50	3	8.0	2	315	630
V41	CA50	1	5.0	19	86	1634
	CA50	2	8.0	2	349	698
	CA50	3	8.0	2	393	786
V42	CA50	1	5.0	5	86	430
	CA50	2	8.0	2	129	258
	CA50	3	8.0	2	166	332
V43	CA50	1	5.0	24	106	2544
	CA50	2	8.0	2	578	1156
	CA50	3	8.0	2	628	1256
V44	CA50	1	5.0	19	86	1634
	CA50	2	8.0	2	330	660
	CA50	3	8.0	2	366	732
V45	CA50	1	5.0	18	106	1908
	CA50	2	8.0	2	470	940
	CA50	3	10.0	2	420	840
V46	CA50	1	5.0	15	86	1290
	CA50	2	8.0	2	274	548
	CA50	3	8.0	2	310	620
V47	CA50	1	5.0	18	106	1908
	CA50	2	8.0	2	481	962
	CA50	3	10.0	2	431	862
V48	CA50	1	5.0	33	106	3498
	CA50	2	8.0	2	748	1496
	CA50	3	8.0	2	798	1596
V49	CA50	1	5.0	20	106	2120
	CA50	2	8.0	2	517	1034
	CA50	3	8.0	2	567	1134
V50	CA50	1	5.0	43	106	4558
	CA50	2	8.0	2	538	676
	CA50	3	12.5	2	610	1220
	CA50	4	12.5	1	190	190
	CA50	5	12.5	2	985	1970
V53	CA50	1	5.0	11	86	946
	CA50	2	8.0	2	187	374
	CA50	3	8.0	2	223	446

Resumo do aço

AÇO	XAM	C.TOTA (cm)	P/ 10 (kg)	10 %
CA50	8.0	733.1	318.2	
	10.0	121.7	116.4	
	12.5	101.7	107.8	
CA60	5.0	1091.5	180.1	
15 "ØS TOTA				
CA50	547.5			
CA60	180.1			

Vol. de concreto total (C-25) = 1.63 m³
Área de "orma total = 276.60 m²

Relação do aço

I IMENTO	AÇO	N	XAM	Q	UNI (cm)	C.TOTA (cm)
Vb1	CA50	1	5.0	22	106	2332
	CA50	2	8.0	2	510	1140
	CA50	3	8.0	2	620	1240
Vb2	CA50	1	5.0	30	86	2580
	CA50	2	8.0	2	522	1044
	CA50	3	10.0	2	549	1098
Vb4	CA50	1	5.0	17	106	1802
	CA50	2	8.0	2	457	914
	CA50	3	10.0	2	407	814
Vb5	CA50	1	5.0	29	106	3190
	CA50	2	8.0	2	517	1074
	CA50	3	8.0	2	562	1124
Vb6	CA50	1	5.0	75	86	7740
	CA50	2	8.0	2	427	854
	CA50	3	8.0	2	463	926
Vb7	CA50	1	5.0	15	106	1590
	CA50	2	8.0	2	368	736
	CA50	3	8.0	2	418	836
Vb8	CA50	1	5.0	20	106	2120
	CA50	2	8.0	2	477	954
	CA50	3	10.0	2	427	854

Resumo do aço

AÇO	XAM	C.TOTA (cm)	P/ 10 (kg)	10 %
CA50	8.0	108	46.8	
	10.0	27.7	18.8	
CA60	5.0	144	24.9	
15 "ØS TOTA				

Vol. de concreto total (C-25) = 1.81 m³
Área de "orma total = 29.01 m²

INDICE	DESCRIÇÃO		RESPONSÁVEL	REVISÃO	DATA

ANOTAÇÕES / OBSERVAÇÕES

DGP

ENG. CIVIL Danilo Gallo Pedrosa Cres 136813

OBRA
Centro Ambiental

ASSUNTO DA PRANCHA
ESTRUTURAL

Nº DA PRANCHA
05

DESCRIÇÃO DA PRANCHA
Baldrame - Vigas

FOLHA | DATA | Nº DE ORDEM | LOCAL
Otacílio Costa - Santa Catarina

PRANCHA Nº | ANOTAÇÕES