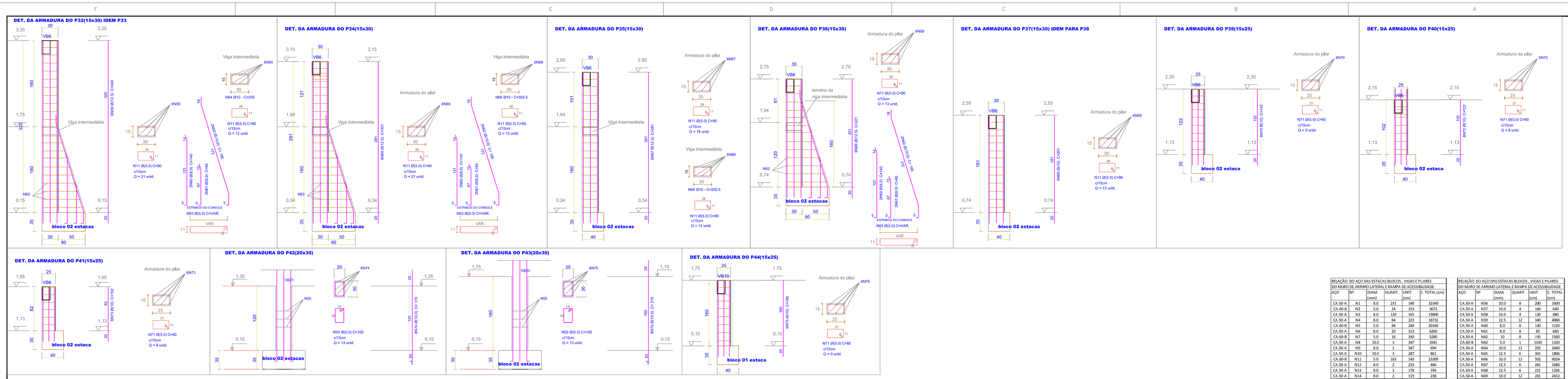
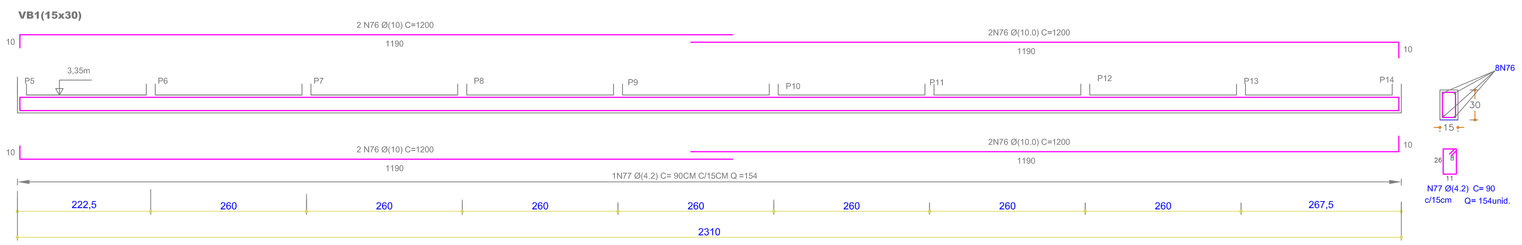
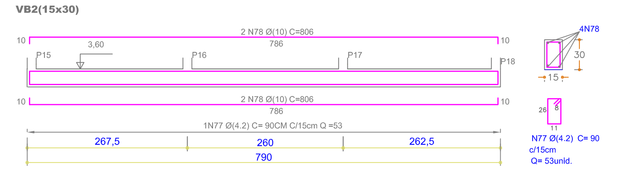
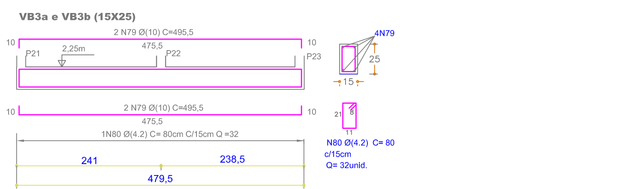
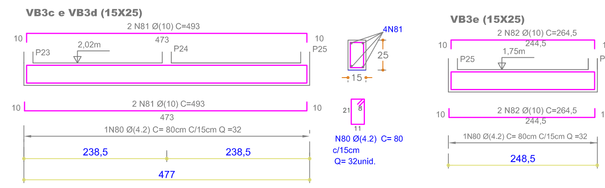


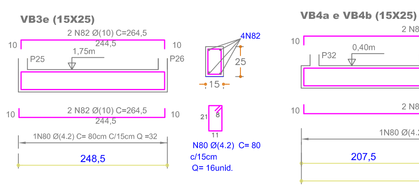
ARMADURA DAS VIGAS

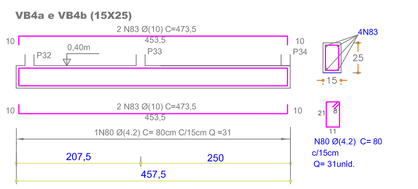


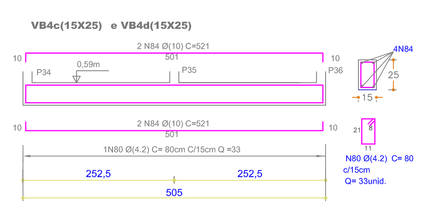


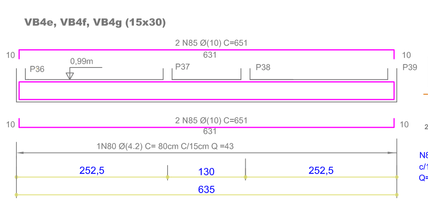


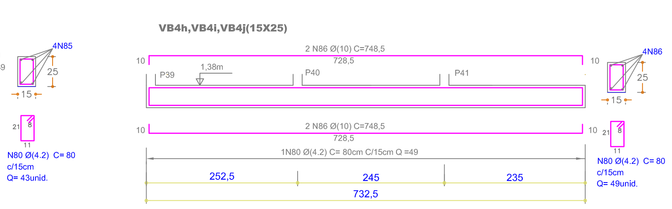


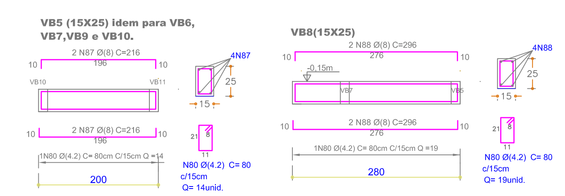


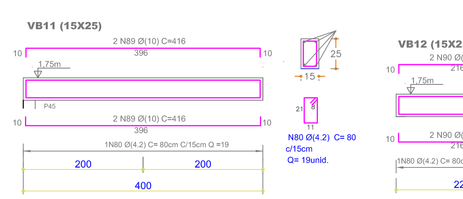


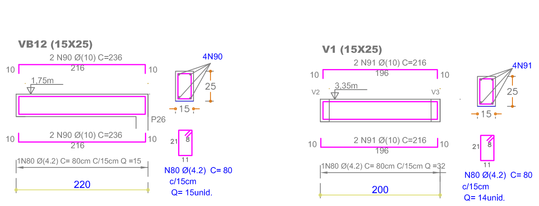


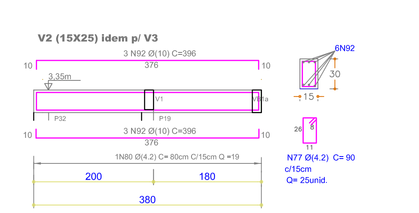


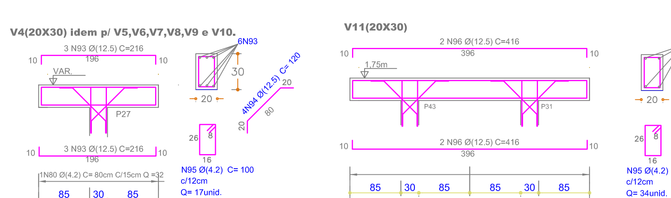


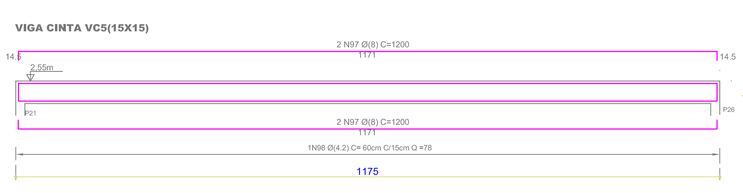


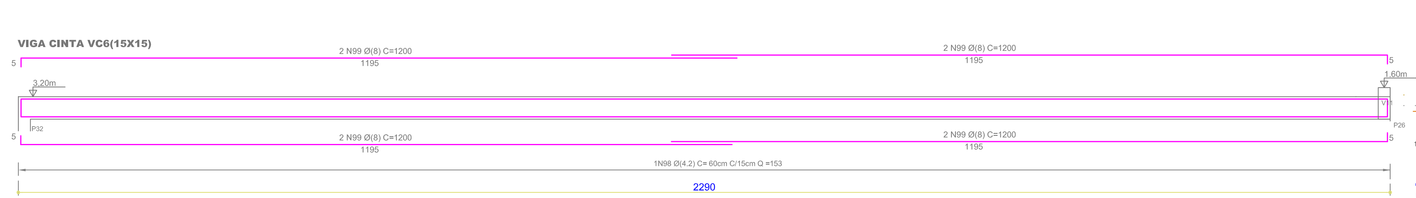


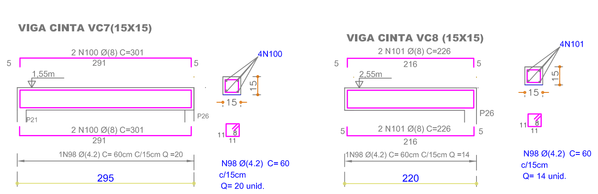












RELAÇÃO DO AÇO DAS ESTACAS BLOCOS , VIGAS E PILARES DO MURO DE ARRIMO LATERAL E RAMPA DE ACESSIBILIDADE					
AÇO	Nº	DIAM. (mm)	QUANT.	UNIT. (cm)	C. TOTAL (cm)
CA.50.A	N1	8.0	231	140	32340
CA.60.B	N2	5.0	24	153	3672
CA.50.A	N3	8.0	120	165	19800
CA.50.A	N4	8.0	84	223	18732
CA.60.B	N5	5.0	84	240	20160
CA.50.A	N6	8.0	20	313	6260
CA.60.B	N7	5.0	16	330	5280
CA.50.A	N8	10.0	3	347	1041
CA.50.A	N9	8.0	2	347	694
CA.50.A	N10	10.0	3	287	861
CA.60.B	N11	5.0	163	143	23309
CA.50.A	N12	8.0	2	233	466
CA.50.A	N13	8.0	2	178	356
CA.50.A	N14	8.0	2	119	238
CA.50.A	N15	10.0	3	330	990
CA.60.B	N16	5.0	1	1800	1800
CA.50.A	N17	10	16	235	3760
CA.60.B	N18	5.0	60	80	4800
CA.50.A	N19	12.5	6	235	1410
CA.60.B	N20	5	24	100	2400
CA.50.A	N21	10.0	24	235	5640
CA.60.B	N22	5.0	60	90	5400
CA.50.A	N23	10.0	3	330	990
CA.50.A	N24	8.0	2	330	660
CA.50.A	N25	10.0	3	270	810
CA.50.A	N26	8.0	2	216	432
CA.50.A	N27	8.0	2	161	322
CA.50.A	N28	8.0	2	102	204
CA.60.B	N29	5.0	1	1617	1617
CA.50.A	N30	10.0	4	242	968
CA.50.A	N31	12.5	6	242	1452
CA.50.A	N32	10	6	242	1452
CA.50.A	N33	10.0	3	295	885
CA.50.A	N34	8.0	2	295	590
CA.50.A	N35	10.0	3	295	885
CA.50.A	N36	8.0	2	180	360
CA.50.A	N37	8.0	2	125	250
CA.50.A	N38	10.0	3	272	816
CA.60.B	N39	5.0	1	820	820
CA.50.A	N40	10.0	6	244	1464
CA.50.A	N41	8.0	4	244	976
CA.50.A	N42	10.0	6	184	1104
CA.50.A	N43	8.0	4	130	520
CA.50.A	N44	8.0	4	74	296
CA.50.A	N45	10.0	6	214	1284
CA.60.B	N46	5.0	2	659	1318
CA.50.A	N47	10.0	68	160	10880
CA.60.B	N48	4.2	176	70	12320
CA.50.A	N49	12.5	8	185	1480
CA.60.B	N50	4.2	22	80	1760
CA.50.A	N51	8.0	8	80	640
CA.50.A	N52	8.0	8	102	816
CA.50.A	N53	10.0	10	125	1250
CA.50.A	N54	10.0	4	240	960
CA.60.B	N55	5.0	72	100	7200

RELAÇÃO DO AÇO DAS ESTACAS BLOCOS , VIGAS E PILARES DO MURO DE ARRIMO LATERAL E RAMPA DE ACESSIBILIDADE					
AÇO	Nº	DIAM. (mm)	QUANT.	UNIT. (cm)	C. TOTAL (cm)
CA.50.A	N56	10.0	8	200	1600
CA.50.A	N57	10.0	8	160	640
CA.50.A	N58	10.0	4	120	480
CA.50.A	N59	12.5	12	340	4080
CA.50.A	N60	8.0	8	140	1120
CA.50.A	N61	8.0	8	85	680
CA.50.A	N62	10	8	195	1560
CA.60.B	N63	5.0	1	1330	1330
CA.50.A	N64	10.0	12	205	2460
CA.50.A	N65	12.5	6	301	1806
CA.50.A	N66	10.0	12	502	6024
CA.50.A	N67	12.5	6	281	1686
CA.50.A	N68	12.5	6	221	1326
CA.50.A	N69	10.0	12	201	2412
CA.50.A	N70	10.0	6	142	852
CA.60.B	N71	5.0	34	80	2720
CA.50.A	N72	10.0	6	122	732
CA.50.A	N73	10.0	6	102	612
CA.50.A	N74	10.0	6	170	1020
CA.50.A	N75	10.0	12	210	2520
CA.50.A	N76	10.0	8	1200	9600
CA.60.B	N77	4.2	257	90	23130
CA.50.A	N78	10.0	4	806	3224
CA.50.A	N79	10.0	8	496	3968
CA.60.B	N80	4.2	709	80	56720
CA.50.A	N81	10.0	8	493	3944
CA.50.A	N82	10.0	4	265	1060
CA.50.A	N83	10.0	8	474	3792
CA.50.A	N84	10.0	8	521	4168
CA.50.A	N85	10.0	16	651	10416
CA.50.A	N86	10.0	12	749	8988
CA.50.A	N87	8.0	2C	216	4320
CA.50.A	N88	8.0	4	296	1184
CA.50.A	N89	10.0	4	416	1664
CA.50.A	N90	10.0	4	236	944
CA.50.A	N91	10.0	4	216	864
CA.50.A	N92	10.0	12	396	4752
CA.50.A	N93	12.5	42	216	9072
CA.50.A	N94	12.5	36	120	4320
CA.60.B	N95	4.2	153	100	15300
CA.50.A	N96	12.5	4	416	1664
CA.50.A	N97	8.0	4	1200	4800
CA.60.B	N98	4.2	262	60	15720
CA.50.A	N99	8.0	8	1200	9600
CA.50.A	N100	8.0	4	301	1204
CA.50.A	N101	8.0	4	226	904
CA.60.B	N102	5.0	6	206	1236
CA.50.A	N103	8.0	7	471	3297
CA.50.A	N104	8.0	18	1160	20880
CA.50.A	N105	5.0	184	200	36800
CA.50.A	N106	8.0	18	1110	19980
CA.60.B	N107	5.0	17	215	3655
CA.50.A	N108	8.0	7	400	2800
CA.50.A	N109	8.0	9	474	4266

QUADRO RESUMO DE BARRAS

Ø	COMPRIMENTO	PESO + 3%	BARRAS	AÇO
4,2mm	1249,5 m	133,846 kg	107	CA-60B
5,0mm	1181,2 m	194,657 kg	101	CA-60B
8,0mm	1668,4 m	687,393 kg	143	CA-50A
10,0mm	1128,8 m	732,504 kg	97	CA-50A
12,5mm	282,96 m	291,449 kg	24	CA-50A

NOTA:
- AS ESTACAS DO MURO DE ARRIMO SERÃO MOLDADAS "IN-LOCO"COM Ø IGUAL A 15CM TERÃO COMPRIMENTO NÃO INFERIOR A 1,50m.
- AS ESTACAS DA ESTRUTURA DA RAMPA DE ACESSIBILIDADE SERÃO MOLDADAS "IN-LOCO"COM Ø IGUAL A 15CM TERÃO COMPRIMENTO NÃO INFERIOR A 2,00m.

ESTADO DE SANTA CATARINA
PREFEITURA MUNICIPAL DE IRINEÓPOLIS
CNPJ: 83.102.5080001-05
Rua Paraná, 200. Centro. CEP.89440-000
FONE: (047) 36251111 E-mail: prefeitura@irineopolis.sc.gov.br

ESTRUTURAL

Projeto:
Tipo de edificação: EDIFICAÇÃO DE RAMPA DE ACESSIBILIDADE, MUROS E ESTRUTURA EM CONCRETO ARMADO PARA CX. D'ÁGUA DA RTI DO NÚCLEO ESCOLAR GUILHERME BOSSOW

Prop.: PREFEITURA MUNICIPAL DE IRINEÓPOLIS
Localiz. da obra.: RIO BRANCO - IRINEOPOLIS- SC

resp. técnico:

ass.do prefeito

área a construir:

des.: JAP

data: 06/2016

escalas: INDICADAS

ref.: DET. DA ARMADURA DE PILARES E VIGAS DA RAMPA DE ACESSIBILIDADE

fls.: **02/03**