Relação do aço - vigas baldrame

V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15
V16	V17	

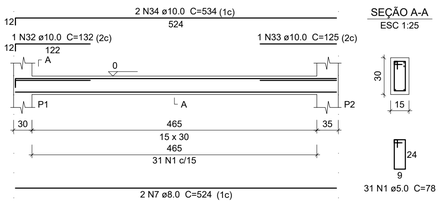
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	375	78	29250
	2	5.0	21	68	1428
	3	5.0	2	510	1020
	4	5.0	127	98	12446
	5	5.0	8	84	672
CA50	6	6.3	1	109	109
	7	8.0	2	524	1048
	8	8.0	2	127	254
	9	8.0	2	135	270
	10	8.0	2	817	1634
	11	8.0	2	825	1650
	12	8.0	2	173	346
	13	8.0	1	179	179
	14	8.0	2	849	1698
	15	8.0	2	350	700
	16	8.0	8	389	3112
	17	8.0	2	444	888
	18	8.0	2	484	968
	19	8.0	2	824	1648
	20	8.0	2	1067	2134
	21	8.0	1	165	165
	22	8.0	2	1099	2198
	23	8.0	2	947	1894
	24	8.0	1	150	150
	25	8.0	2	989	1978
	26	8.0	4	435	1740
	27	8.0	2	657	1314
	28	8.0	2	124	248
	29	8.0	2	132	264
	30	8.0	2	259	518
	31	8.0	2	497	994
	32	10.0	1	132	132
	33	10.0	1	125	125
	34	10.0	2	534	1068
	35	10.0	2	342	684
	36	10.0	1	99	99
	37	10.0	2	860	1720
	38	10.0	2	161	322
	39	10.0	2	482	964
	40	10.0	4	96	384
	41	10.0	2	671	1342
	42	10.0	2	157	314
	43	10.0	2	170	340
	44	12.5	1	103	103
	45	12.5	2	107	214
	46	12.5	1	204	204
	47	12.5	2	471	942
	48	12.5	2	198	396
	49	12.5	3	209	627
	50	12.5	2	481	962

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	1.1	0.3
	8.0	280	121.5
	10.0	75	50.8
	12.5	34.5	36.5
CA60	5.0	448.2	76
PESO TOTAL (kg)			
CA50	209.2		
CA60	76		

Volume de concreto (C-25) = 4.49 m³
Área de forma = 73.4 m²

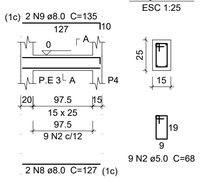
V1
ESC 1:50



SEÇÃO A-A
ESC 1:25

31 N1 ø5.0 C=78

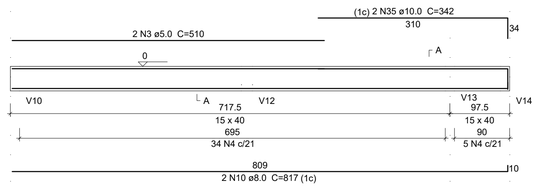
V2
ESC 1:50



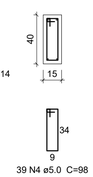
SEÇÃO A-A
ESC 1:25

9 N2 ø5.0 C=68

V3
ESC 1:50

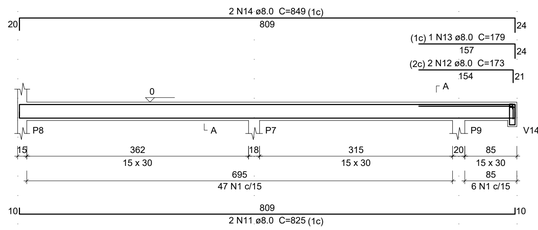


SEÇÃO A-A
ESC 1:25

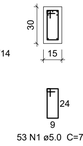


39 N4 ø5.0 C=98

V4
ESC 1:50



SEÇÃO A-A
ESC 1:25



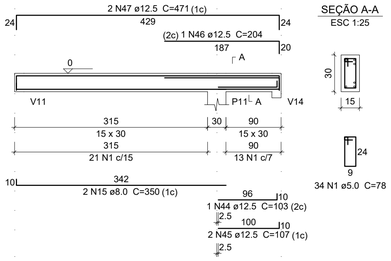
53 N1 ø5.0 C=78

SUSPENSÃO V14
ESC 1:25



1 N36 ø10.0 C=99

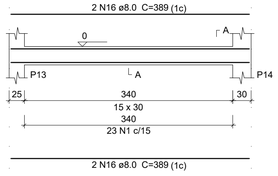
V5
ESC 1:50



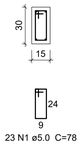
SEÇÃO A-A
ESC 1:25

34 N1 ø5.0 C=78

V6
ESC 1:50

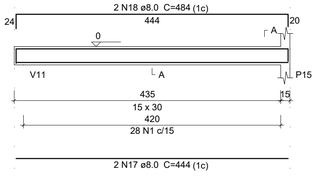


SEÇÃO A-A
ESC 1:25

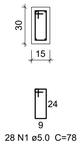


23 N1 ø5.0 C=78

V7
ESC 1:50

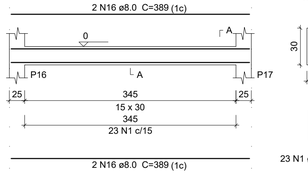


SEÇÃO A-A
ESC 1:25

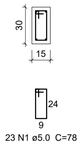


28 N1 ø5.0 C=78

V8
ESC 1:50

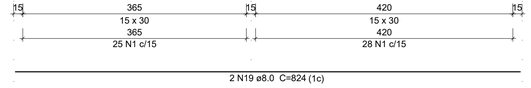


SEÇÃO A-A
ESC 1:25

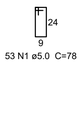


23 N1 ø5.0 C=78

V9
ESC 1:50

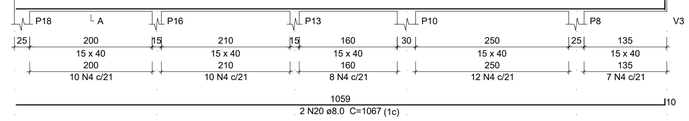


SEÇÃO A-A
ESC 1:25

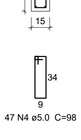


53 N1 ø5.0 C=78

V10
ESC 1:50

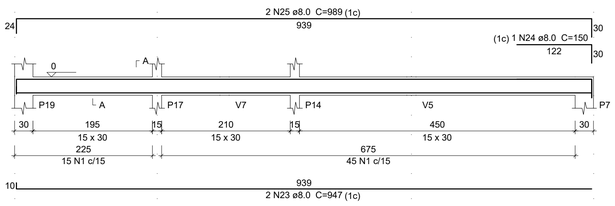


SEÇÃO A-A
ESC 1:25

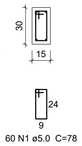


47 N4 ø5.0 C=98

V11
ESC 1:50

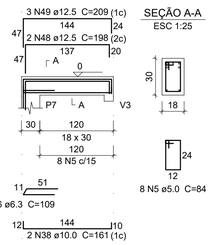


SEÇÃO A-A
ESC 1:25



60 N1 ø5.0 C=78

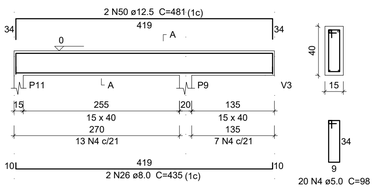
V12
ESC 1:50



SEÇÃO A-A
ESC 1:25

8 N5 ø5.0 C=84

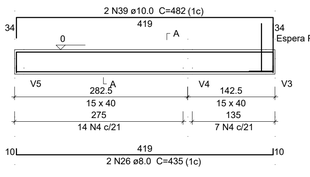
V13
ESC 1:50



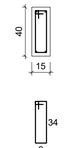
SEÇÃO A-A
ESC 1:25

20 N4 ø5.0 C=98

V14
ESC 1:50

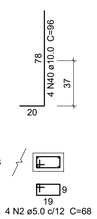


SEÇÃO A-A
ESC 1:25



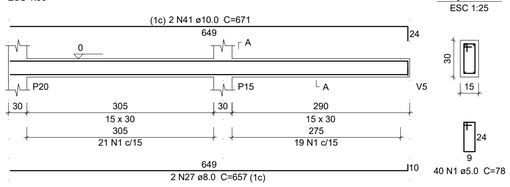
21 N4 ø5.0 C=98

ESPERA P6
ESC 1:25



4 N2 ø5.0 c/12 C=68

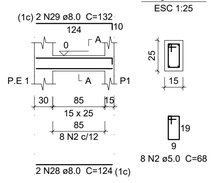
V15
ESC 1:50



SEÇÃO A-A
ESC 1:25

40 N1 ø5.0 C=78

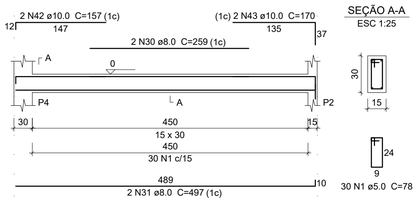
V16
ESC 1:50



SEÇÃO A-A
ESC 1:25

8 N2 ø5.0 C=68

V17
ESC 1:50



SEÇÃO A-A
ESC 1:25

30 N1 ø5.0 C=78

PROJETO ESTRUTURAL

AMAI
ASSOCIAÇÃO DOS MUNICÍPIOS DO ALTO IRANI

Obra:
CENTRO DE MULTIPLOUSO - AMPLIAÇÃO
Rua Mezzalira, lote urbano 04B - Ipuaçu/SC

Data: 10/2020

Resp. Técnico:
TANIA MARA BALDISSERA: 07004476952
Assinado de forma digital por TANIA MARA BALDISSERA:07004476952
DN: c=BR, o=ICP-Brasil, ou=Secretaria da Receita Federal do Brasil - RFB, ou=RFB e-CPF A1, ou=EM BRANCO, ou=83857607000110, cn=TANIA MARA BALDISSERA:07004476952
Dados: 2020.11.03 16:31:11 -03'00'
Tânia Mara Baldissera - Engenheira Civil - CREA/SC 133907-5

Escala: Indicada

Área: 112,82 m²

Município:
CLORI PEROZA:72217570978
Assinado de forma digital por CLORI PEROZA:72217570978
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Dados: 2021.03.04 11:47:01 -03'00'
Município de Ipuaçu - CNPJ 95.993.028/0001-83

Desenho:

Especificação:
Vigas do pavimento baldrame

Prancha: ES 04/08