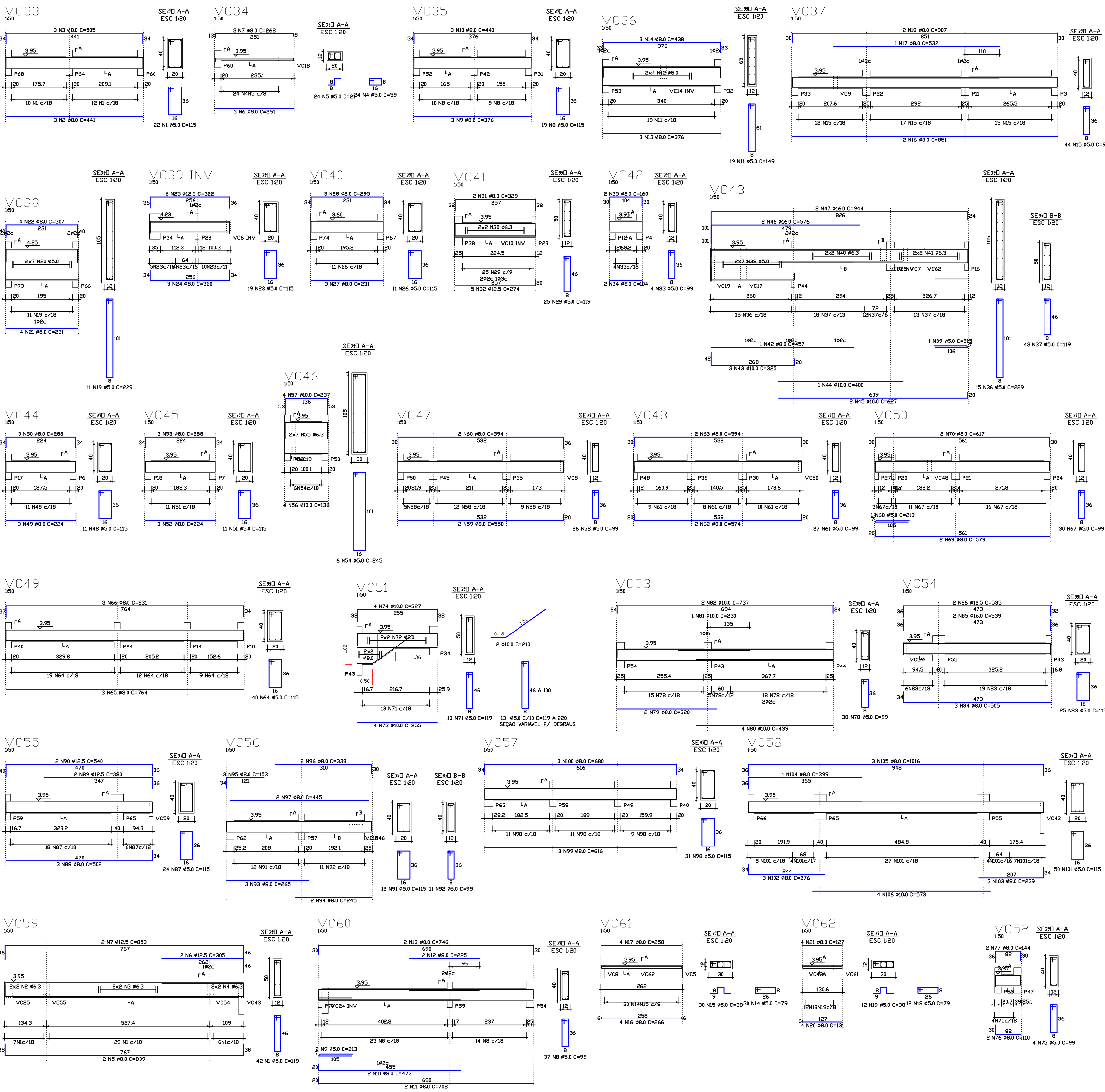




RELATÓRIO DO AÇO									
ELEMENTO	AXO	N	DIAM	Q	UNIT	C.TOTAL	Q	UNIT	C.TOTAL
VC33	60	1	5,0	25	115	2530	115	25	115
VC34	60	2	8,0	24	205	1515	205	24	1515
VC35	60	3	8,0	24	205	1515	205	24	1515
VC36	60	4	8,0	24	205	1515	205	24	1515
VC37	60	5	8,0	24	205	1515	205	24	1515
VC38	60	6	8,0	24	205	1515	205	24	1515
VC39 INV	60	7	8,0	24	205	1515	205	24	1515
VC40	60	8	8,0	24	205	1515	205	24	1515
VC41	60	9	8,0	24	205	1515	205	24	1515
VC42	60	10	8,0	24	205	1515	205	24	1515
VC43	60	11	8,0	24	205	1515	205	24	1515
VC44	60	12	8,0	24	205	1515	205	24	1515
VC45	60	13	8,0	24	205	1515	205	24	1515
VC46	60	14	8,0	24	205	1515	205	24	1515
VC47	60	15	8,0	24	205	1515	205	24	1515
VC48	60	16	8,0	24	205	1515	205	24	1515
VC49	60	17	8,0	24	205	1515	205	24	1515
VC50	60	18	8,0	24	205	1515	205	24	1515
VC51	60	19	8,0	24	205	1515	205	24	1515
VC52	60	20	8,0	24	205	1515	205	24	1515
VC53	60	21	8,0	24	205	1515	205	24	1515
VC54	60	22	8,0	24	205	1515	205	24	1515
VC55	60	23	8,0	24	205	1515	205	24	1515
VC56	60	24	8,0	24	205	1515	205	24	1515
VC57	60	25	8,0	24	205	1515	205	24	1515
VC58	60	26	8,0	24	205	1515	205	24	1515
VC59	60	27	8,0	24	205	1515	205	24	1515
VC60	60	28	8,0	24	205	1515	205	24	1515
VC61	60	29	8,0	24	205	1515	205	24	1515
VC62	60	30	8,0	24	205	1515	205	24	1515

RESUMO DO AÇO									
AXO	DIAM	C.TOTAL	Q	UNIT	C.TOTAL	Q	UNIT	C.TOTAL	Q
CASO	6,0	30,8	30,8	5	15,4	30,8	5	15,4	30,8
CASO	8,0	12,5	12,5	5	6,25	12,5	5	6,25	12,5
CASO	10,0	1,7	1,7	5	0,85	1,7	5	0,85	1,7
PESSO TOTAL		45,0	45,0		22,5	45,0		22,5	45,0
CASO	39,70								
CASO	12,71								
Vol. concreto total = 7,95 m³									
Área de Forma total = 117,7 m²									

RELATÓRIO DO AÇO									
ELEMENTO	AXO	N	DIAM	Q	UNIT	C.TOTAL	Q	UNIT	C.TOTAL
VC59	60	1	5,0	25	115	2530	115	25	115
VC60	60	2	8,0	24	205	1515	205	24	1515
VC61	60	3	8,0	24	205	1515	205	24	1515
VC62	60	4	8,0	24	205	1515	205	24	1515

RESUMO DO AÇO									
AXO	DIAM	C.TOTAL	Q	UNIT	C.TOTAL	Q	UNIT	C.TOTAL	Q
CASO	6,0	30,8	30,8	5	15,4	30,8	5	15,4	30,8
CASO	8,0	12,5	12,5	5	6,25	12,5	5	6,25	12,5
CASO	10,0	1,7	1,7	5	0,85	1,7	5	0,85	1,7
PESSO TOTAL		45,0	45,0		22,5	45,0		22,5	45,0
CASO	65,8								
CASO	21,7								
Vol. concreto total = 0,94 m³									
Área de Forma total = 17,1 m²									

PROJETO ESTRUTURAL

Fck>20MPa

TÍTULO :
LOCAL :
CURSO :
ASSUNTO : ARMAÇÃO DAS VIGAS DE COBERTURA

BRITA N1
SLUMP :
DATA : 03/2010

ESCRITÓRIO DE ENGENHARIA CIVIL
ESTRUTURA DE CONCRETO E FUNDACÃO
TEL : (14) 3223-1137 BAURU / SP

FOLHA Nº :
08/10
ENG. RESP. :
POS GRADUADO EM ENGENHARIA DE ESTRUTURAS