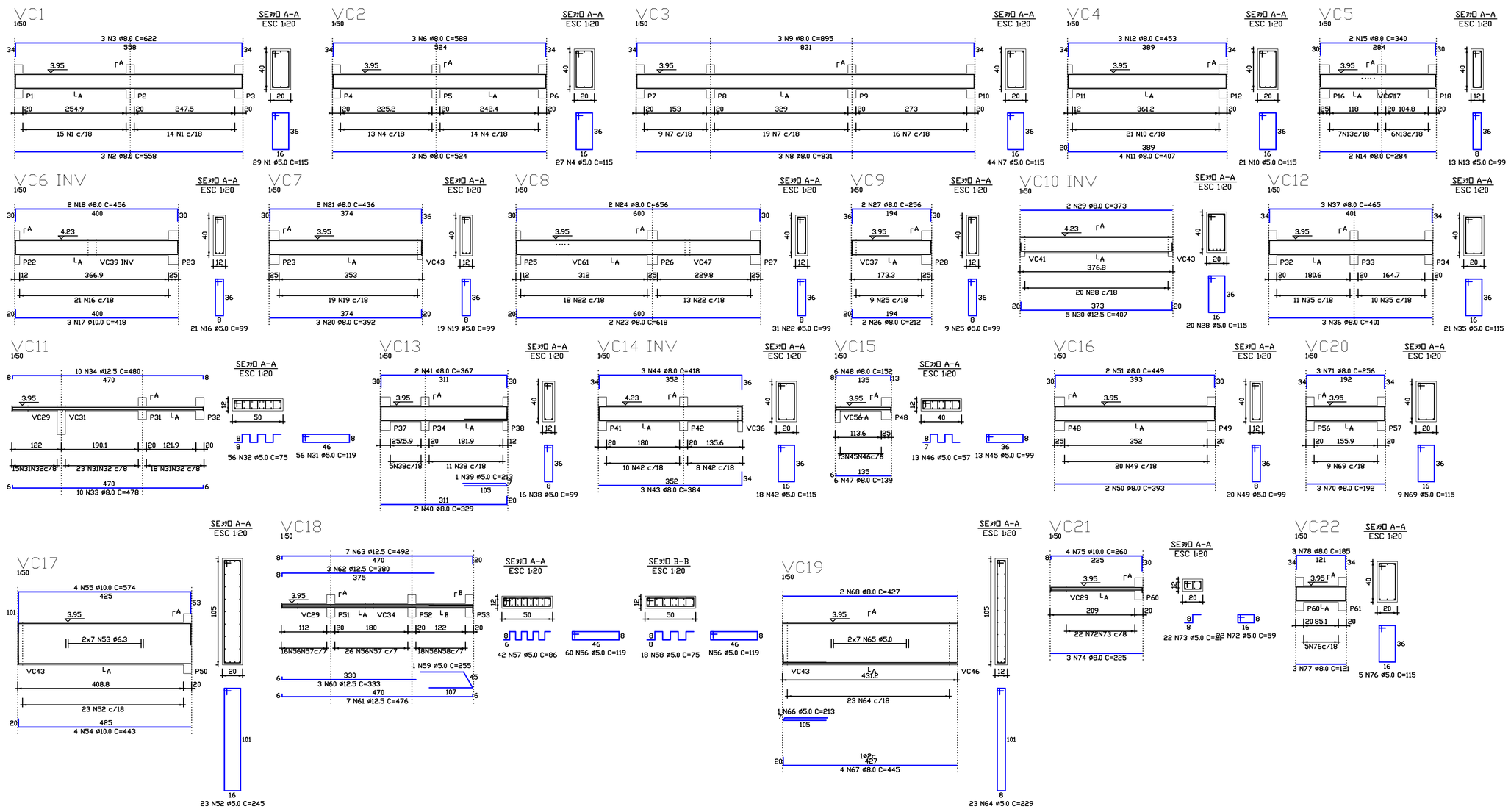

RELAÇÃO DE AÇO

ELEMENTO	AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
VC1	60	1	5.0	29	115	3335
	50	2	8.0	3	558	1674
	50	3	8.0	3	622	1866
VC2	60	4	5.0	27	115	3105
	50	5	8.0	3	524	1572
	50	6	8.0	3	588	1764
VC3	60	7	5.0	44	115	5060
	50	8	8.0	3	831	2493
	50	9	8.0	3	895	2685
VC4	60	10	5.0	21	115	2415
	50	11	8.0	4	407	1628
	50	12	8.0	3	453	1359
VC5	60	13	5.0	13	99	1287
	50	14	8.0	2	284	568
	50	15	8.0	2	340	680
VC6 INV	60	16	5.0	21	99	2079
	50	17	10.0	3	418	1254
	50	18	8.0	2	456	912
VC7	60	19	5.0	19	99	1881
	50	20	8.0	3	392	1176
	50	21	8.0	2	436	872
VC8	60	22	5.0	31	99	3069
	50	23	8.0	2	618	1236
	50	24	8.0	2	656	1312
VC9	60	25	5.0	9	99	891
	50	26	8.0	2	212	424
	50	27	8.0	2	256	512
VC10 INV	60	28	5.0	20	115	2300
	50	29	8.0	2	373	746
	50	30	12.5	5	407	2035
VC11	60	31	6.3	56	119	6664
	50	32	5.0	56	75	4200
	50	33	8.0	10	478	4780
	50	34	12.5	10	480	4800
VC12	60	35	5.0	21	115	2415
	50	36	8.0	3	401	1203
	50	37	8.0	3	465	1395
VC13	60	38	5.0	16	99	1584
	60	39	5.0	1	213	213
	50	40	8.0	2	329	658
	50	41	8.0	2	367	734
VC14 INV	60	42	5.0	18	115	2070
	50	43	8.0	3	384	1152
	50	44	8.0	3	418	1254
VC15	60	45	5.0	13	99	1287
	60	46	5.0	13	57	741
	50	47	8.0	6	139	834
VC16	50	48	8.0	6	152	912
	60	49	5.0	20	99	1980
	50	50	8.0	2	393	786
VC17	50	51	8.0	2	449	898
	60	52	5.0	23	245	5635
	50	53	12.5	14	corr	6006
VC18	50	54	10.0	4	443	1772
	50	55	10.0	4	574	2296
	60	56	5.0	60	119	7140
	60	57	5.0	42	86	3612
	60	58	5.0	18	75	1350
	60	59	5.0	1	255	255
	50	60	12.5	3	333	999
	50	61	12.5	7	476	3332
	50	62	12.5	3	380	1140
	50	63	12.5	7	492	3444
VC19	60	64	5.0	23	229	5267
	60	65	5.0	14	corr	6034
	60	66	5.0	1	213	213
	50	67	8.0	4	445	1780
	50	68	8.0	2	427	854
VC20	60	69	5.0	9	115	1035
	50	70	8.0	3	192	576
	50	71	8.0	3	256	768
VC21	60	72	5.0	22	99	2178
	60	73	5.0	22	21	462
	50	74	8.0	3	225	675
	50	75	10.0	4	242	968
VC22	60	76	5.0	5	115	575
	50	77	8.0	3	121	363
	50	78	8.0	3	185	555
VC23	60	79	5.0	63	99	6237
	60	80	5.0	40	57	2280
	60	81	5.0	23	63	1449
	50	82	8.0	1	221	221
	50	83	10.0	8	529	4232
	50	84	10.0	8	540	4320
VC24 INV	60	85	5.0	7	195	1365
	50	86	6.3	12	corr	1728
	50	87	10.0	3	158	474
	50	88	10.0	3	264	792
VC25	60	89	5.0	9	185	1665
	50	90	6.3	10	corr	1870
	50	91	10.0	3	183	549
	50	92	10.0	3	280	840
VC26	60	93	5.0	22	115	2530
	50	94	8.0	3	433	1299
	50	95	8.0	3	497	1491
VC27	60	96	5.0	29	115	3335
	50	97	8.0	3	564	1692
	50	98	8.0	3	628	1884
VC28 INV	60	99	5.0	9	115	1035
	50	100	8.0	3	183	549
	50	101	8.0	3	247	741
VC29	60	102	5.0	65	99	6435
	60	103	5.0	69	57	3705
	50	104	10.0	8	615	4920
	50	105	10.0	8	630	5040
VC30	60	106	5.0	10	115	1150
	50	107	8.0	3	201	603
	50	108	8.0	3	265	795
VC31	60	109	5.0	70	175	12250
	60	110	5.0	10	227	2270
	50	111	6.3	10	corr	10300
	50	112	12.5	2	823	1646
	50	113	12.5	2	1134	2268
	50	114	16.0	9	1063	9567
VC32	60	115	5.0	10	115	1150
	50	116	8.0	3	201	603
	50	117	8.0	3	265	795

RESUMO DO AÇO

AÇO	DIAM	C.TOTAL (m)	PESO+10% (kg)
CA50	6.3	199.0	48.7
	8.0	550.8	217.4
	10.0	264.9	163.4
	12.5	196.7	189.5
	16.0	95.6	151.0
CA60	5.0	1267.9	195.4
PESO TOTAL			
CA50		769.9	
CA60		195.4	

Vol. concreto total = 10.18 m³
Area de forma total = 135.50 m²

PROJETO ESTRUTURAL Fck≥20MPa

TITULO :
LOCAL :
CLIENTE :

ASSUNTO : ARMAÇÃO DAS VIGAS DE COBERTURA

BRITA N°1
SLUMP 6 ±1
DATA 03/2010

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

FOLHA Nº : 09/10

ENG. RESP.

ENG°. HÉBERT COMEGNO ASAM CREA 5060488363/D
PÓS GRADUADO EM ENGENHARIA DE ESTRUTURAS