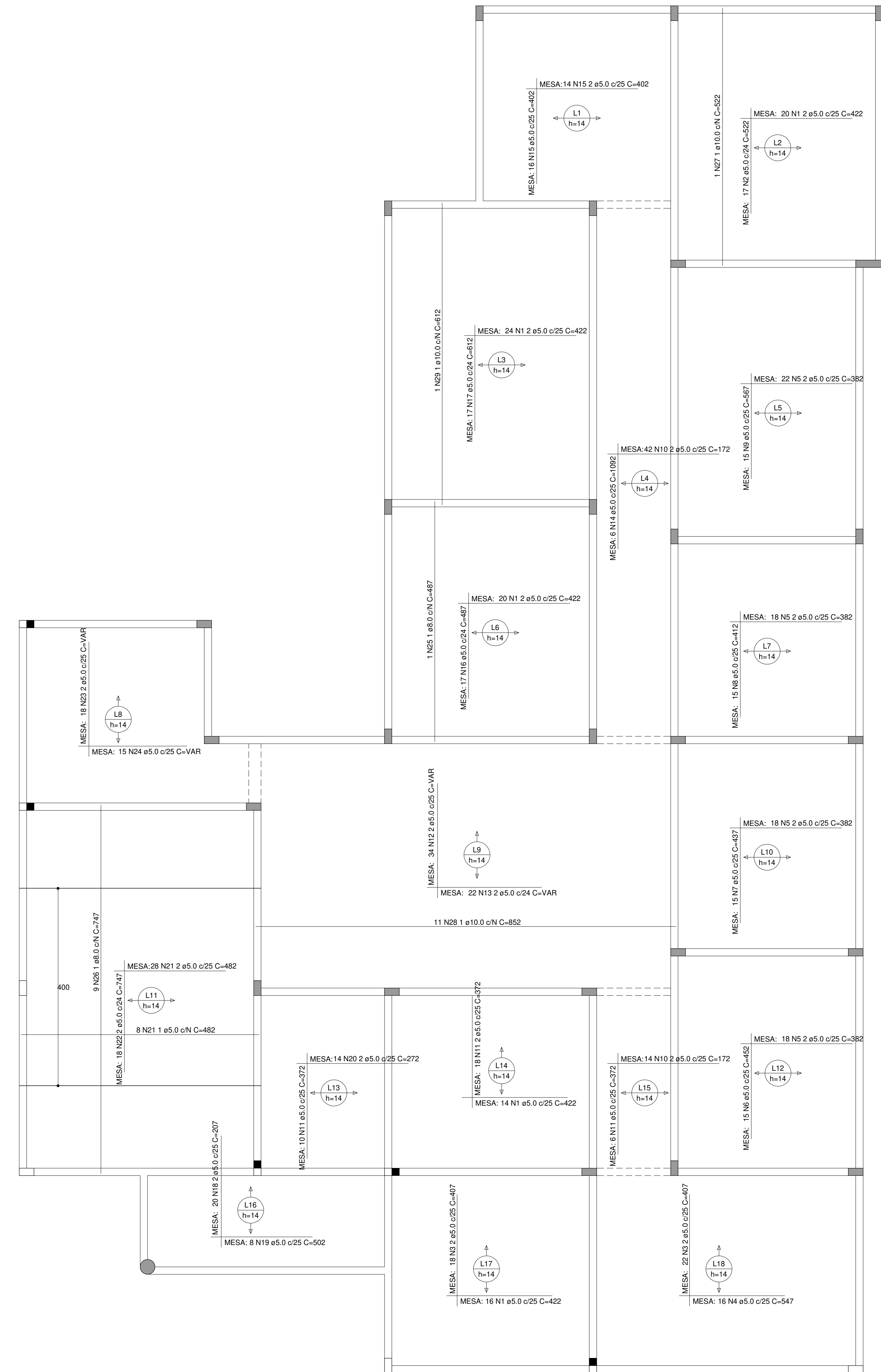


Detalhamento - Lajes Cobertura (Capeamento e Arm. Lajes Bidirecionais)

escala 1:50



RELAÇÃO DO AÇO

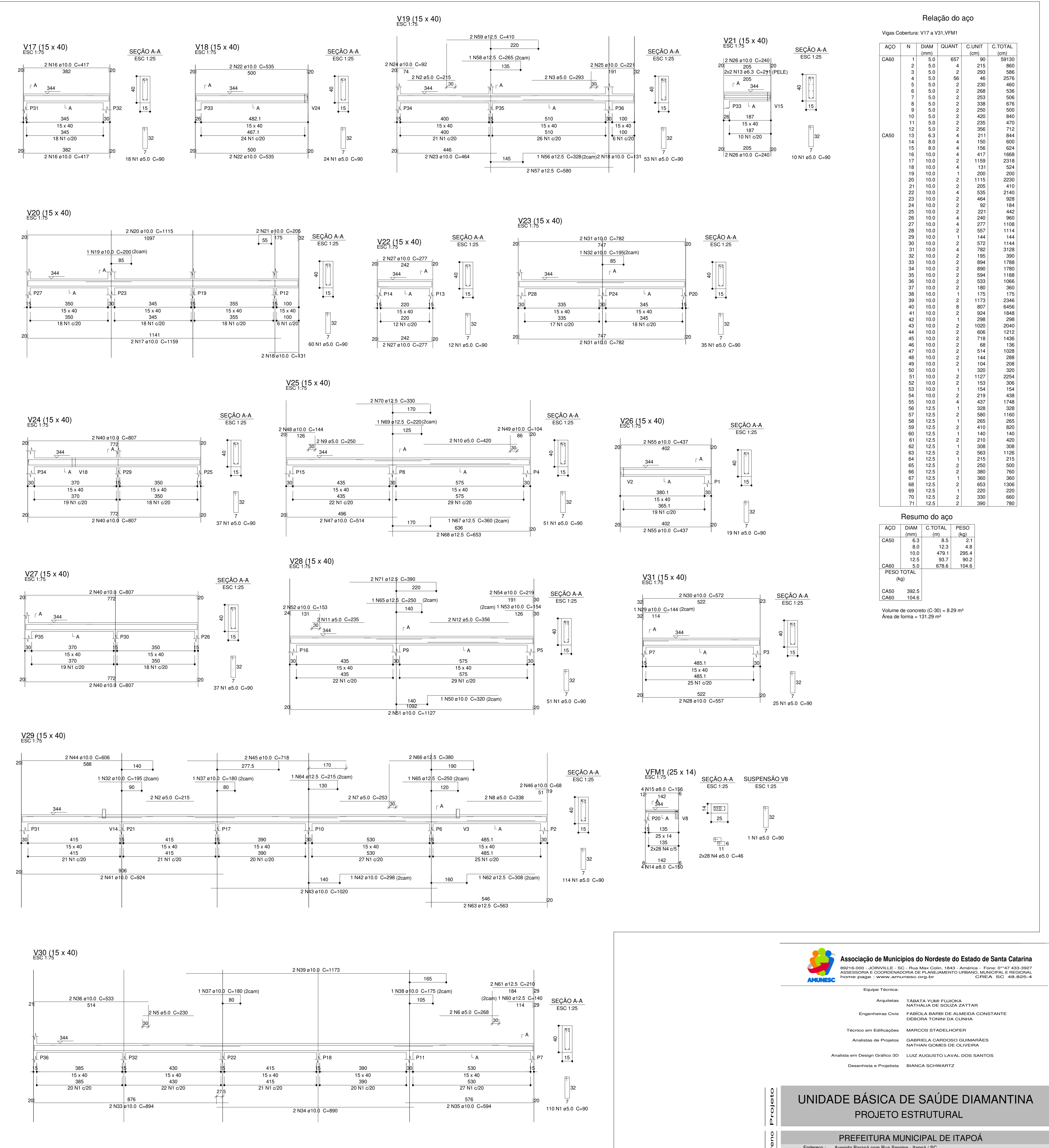
Armadura Capeamento e Arm. Lajes Bidirecionais

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	94	422	39668
	2	5.0	17	522	8874
	3	5.0	40	407	16280
	4	5.0	16	547	8762
	5	5.0	76	382	29032
	6	5.0	15	452	6789
	7	5.0	15	437	6555
	8	5.0	15	412	6189
	9	5.0	15	567	8505
	10	5.0	24	172	4128
	11	5.0	34	372	12648
	12	5.0	52	VAR	9522
	13	5.0	52	VAR	12648
	14	5.0	52	VAR	12648
	15	5.0	30	402	12060
	16	5.0	17	467	8039
	17	5.0	17	612	10404
	18	5.0	20	257	5140
	19	5.0	8	502	4016
	20	5.0	14	272	3808
	21	5.0	36	462	16632
	22	5.0	18	727	13086
	23	5.0	18	VAR	VAR
	24	5.0	15	VAR	VAR
	25	8.0	9	747	6723
	26	8.0	9	747	6723
	27	10.0	1	522	522
	28	10.0	1	852	852
	29	10.0	1	612	612

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO = 0% (kg)
CA50	8.0	72.1	28.4
CA50	10.0	105.1	64.8
CA60	5.0	2814.5	433.8
PESO TOTAL (kg)			
CA50	83.2		
CA60	433.8		
Volume de concreto (C-30) = 18.20 m³			
Área de forma = 0.00 m²			

Detalhamento - Vigas Cobertura



Relação do aço

Vigas Cobertura: V17 a V31, VFM1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	657	90	59130
	2	5.0	4	215	860
	3	5.0	2	293	586
	4	5.0	56	46	2576
	5	5.0	2	230	460
	6	5.0	2	268	536
	7	5.0	2	253	506
	8	5.0	2	338	676
	9	5.0	2	250	500
	10	5.0	2	420	840
	11	5.0	2	470	940
	12	5.0	2	356	712
	13	6.3	4	211	844
	14	8.0	4	150	600
	15	8.0	4	156	624
	16	10.0	4	417	1668
	17	10.0	2	1159	2318
	18	10.0	4	131	524
	19	10.0	1	200	200
	20	10.0	2	1115	2230
	21	10.0	2	205	410
	22	10.0	4	535	2140
	23	10.0	2	454	908
	24	10.0	2	92	184
	25	10.0	2	221	442
	26	10.0	4	240	960
	27	10.0	4	277	1108
	28	10.0	2	557	1114
	29	10.0	1	144	144
	30	10.0	2	572	1144
	31	10.0	4	782	3128
	32	10.0	2	195	390
	33	10.0	2	533	1066
	34	10.0	2	890	1780
	35	10.0	2	594	1188
	36	10.0	2	530	1060
	37	10.0	2	180	360
	38	10.0	2	175	350
	39	10.0	2	1173	2346
	40	10.0	8	807	6456
	41	10.0	2	824	1648
	42	10.0	1	298	298
	43	10.0	2	1020	2040
	44	10.0	2	606	1212
	45	10.0	1	718	1436
	46	10.0	2	69	138
	47	10.0	2	514	1028
	48	10.0	2	144	288
	49	10.0	2	104	208
	50	10.0	1	320	320
	51	10.0	2	1127	2254
	52	10.0	2	153	306
	53	10.0	1	154	154
	54	10.0	2	219	438
	55	10.0	1	437	874
	56	12.5	1	328	328
	57	12.5	2	580	1160
	58	12.5	1	294	588
	59	12.5	2	410	820
	60	12.5	2	140	280
	61	12.5	1	210	210
	62	12.5	1	308	308
	63	12.5	2	563	1126
	64	12.5	1	215	215
	65	12.5	1	250	250
	66	12.5	2	653	1306
	67	12.5	1	360	360
	68	12.5	2	653	1306
	69	12.5	1	220	220
	70	12.5	2	330	660
	71	12.5	2	380	760

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	8.5	2.1
	8.0	12.3	4.8
	10.0	479.1	296.4
	12.5	93.7	60.2
CA60	5.0	678.6	104.6
PESO TOTAL (kg)			
CA50	392.5		
CA60	104.6		
Volume de concreto (C-30) = 8.29 m³			
Área de forma = 131.29 m²			

DETALHE - FURO LAJE - ALÇAPÃO

s/ esc:

