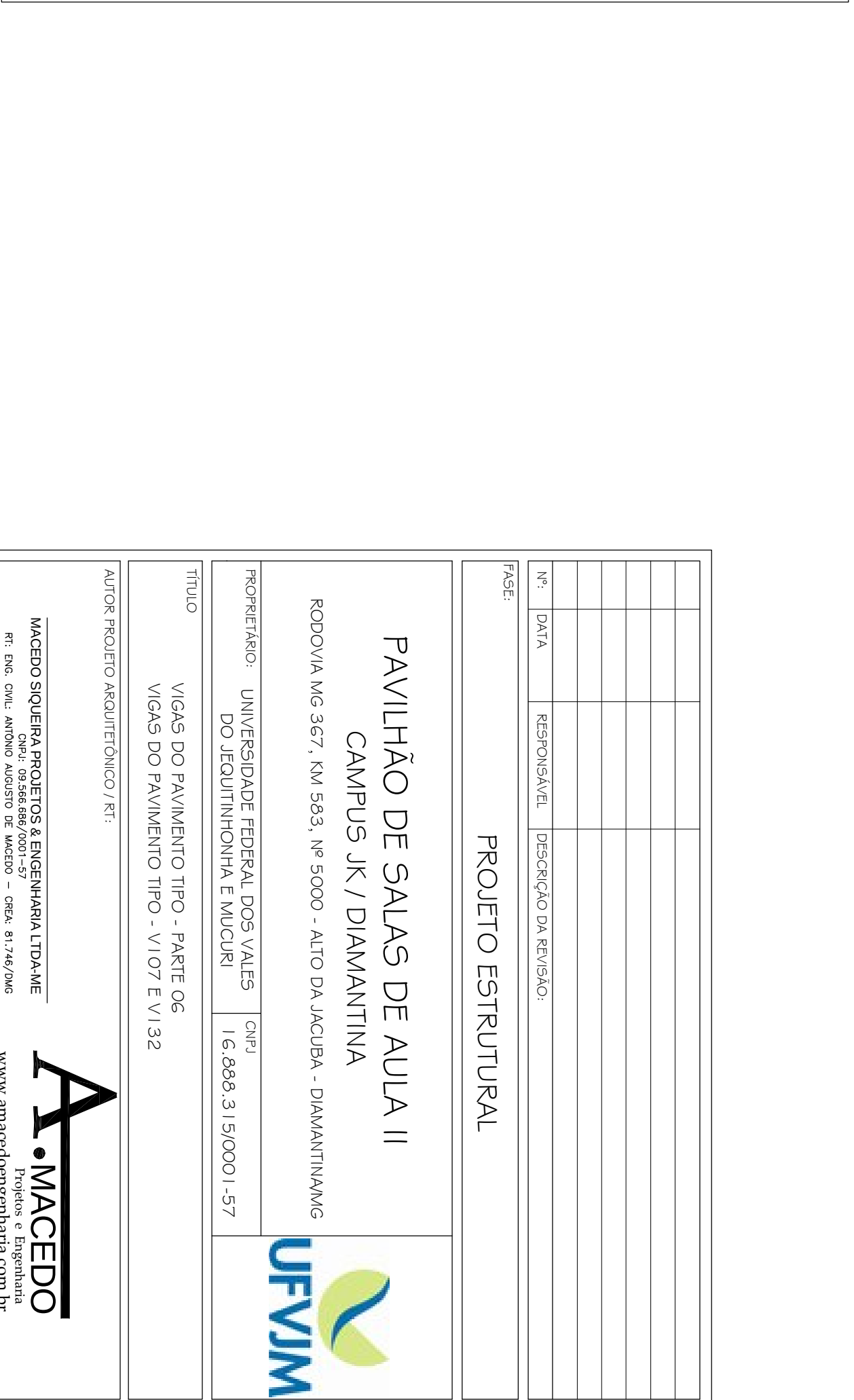
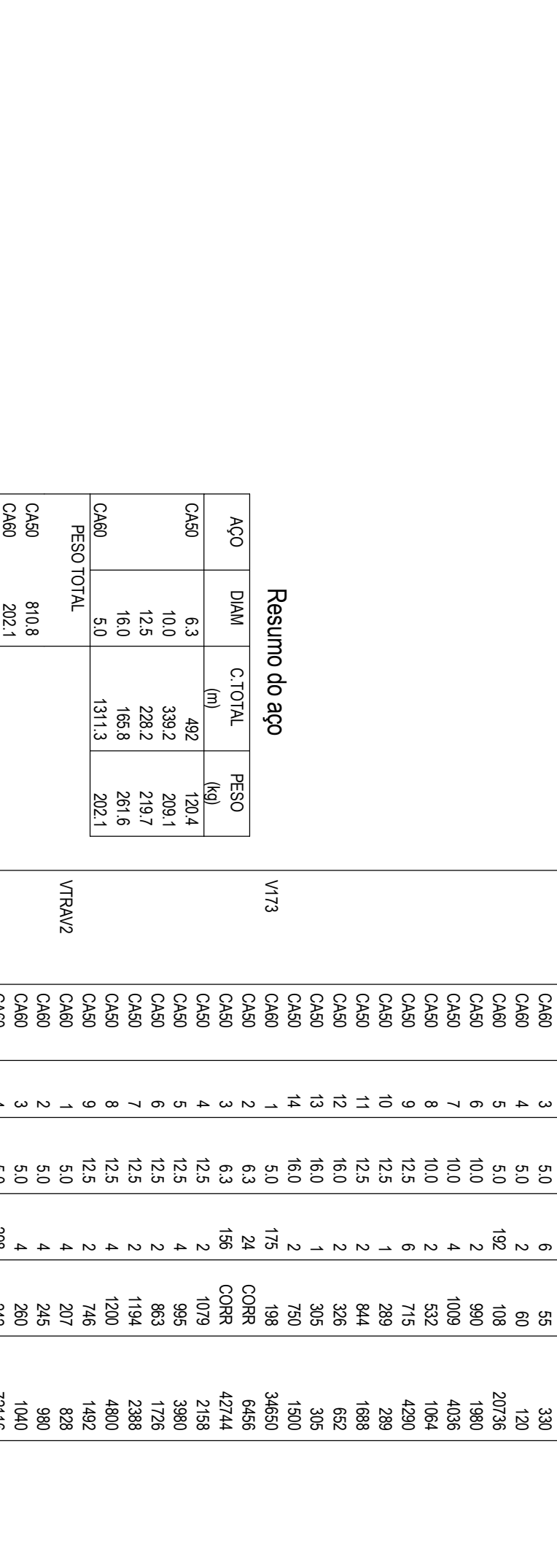
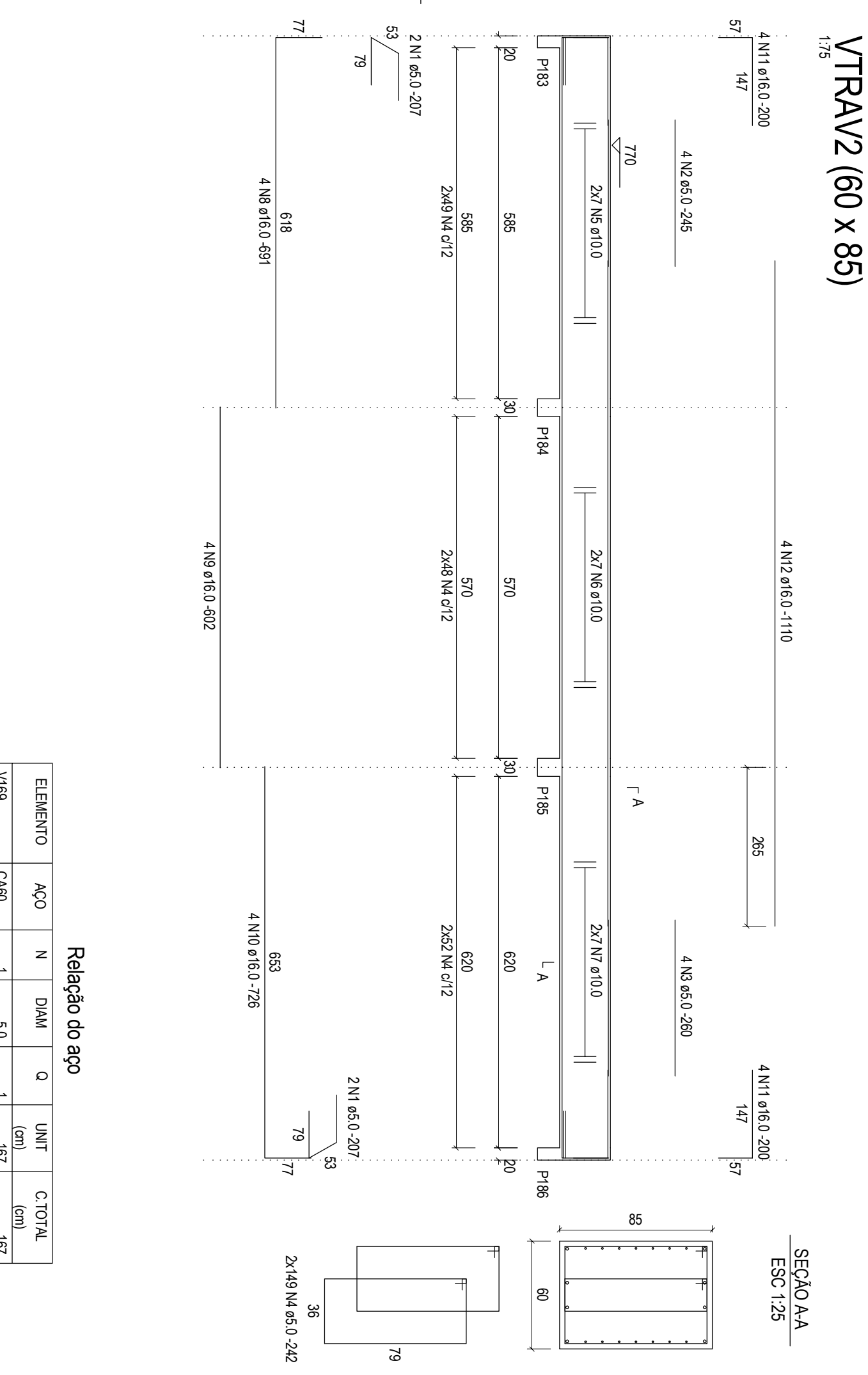




Resumo de aço

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
C450	6,3	492	120,4
	10,0	339,2	209,1
	12,5	228,2	219,7
C460	16,0	165,8	281,6
	5,0	1311,3	202,1
PESO TOTAL			
C450	8018		
C460	2021		

Vol. de concreto total (C-25) = 19,02 m³

Área de forma total = 152,86 m²

ELEMENTO	AÇO	N	DIAM	Q	UNIT (m)	C.TOTAL (m)
V169	C460	1	5,0	1	67	167
	C460	2	5,0	50	154	154
	C460	3	5,0	6	55	330
	C460	4	5,0	2	60	120
	C460	5	5,0	192	108	20736
	C460	6	10,0	2	900	1980
	C460	7	10,0	4	1009	4036
	C460	8	10,0	2	532	1064
	C450	9	12,5	6	715	4250
	C450	10	12,5	1	289	289
	C450	11	12,5	2	844	1688
	C450	12	16,0	2	326	652
V173	C450	13	16,0	1	305	305
	C450	14	16,0	2	750	1500
	C450	1	5,0	175	198	34650
	C460	2	6,3	24	COPR	6456
	C450	3	6,3	156	COPR	42714
	C450	4	12,5	2	1079	2158
	C450	5	12,5	4	985	3980
	C450	6	12,5	2	683	1366
	C450	7	12,5	4	1258	2516
	C450	8	12,5	4	1026	4830
	C450	9	12,5	2	716	1402
	C460	1	5,0	4	207	838
V174/2	C460	2	5,0	4	215	980
	C460	3	5,0	4	280	1040
	C460	4	5,0	298	212	72116
	C450	5	10,0	14	COPR	8896
	C450	6	10,0	14	COPR	8726
	C450	7	10,0	14	COPR	9295
	C450	8	16,0	4	691	2754
	C450	9	16,0	4	602	2408
	C450	10	16,0	4	726	2934
	C450	11	16,0	8	1600	1600
	C450	12	16,0	4	1110	4440