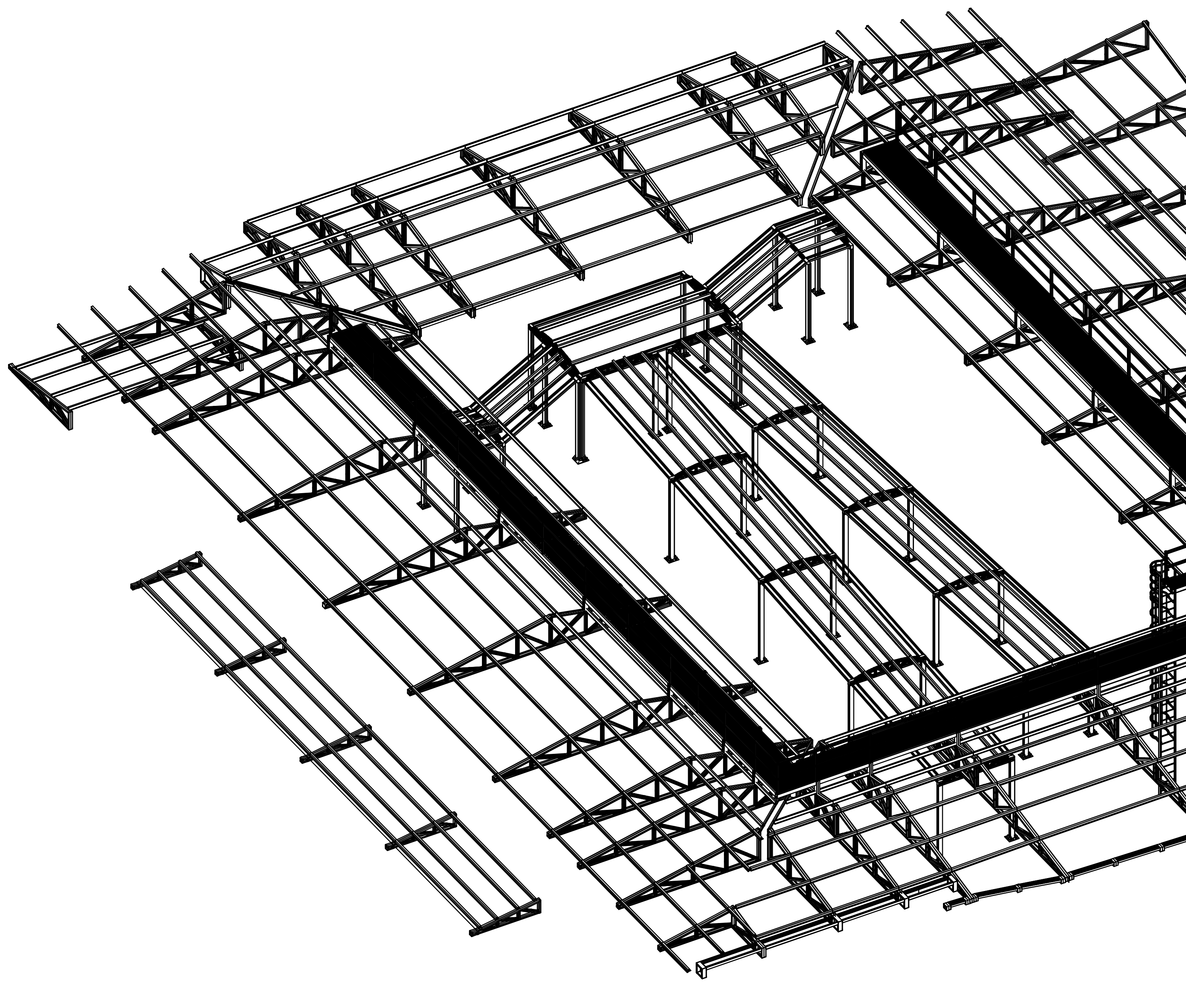
LISTA MATERIAIS

PESO TOTAL: 34983 kg. | SUPERFICE A TRATAR: 1880.4 m^2

MAR. POS.	QTDE	DESCRIÇÃO	MAT.	Peso Unit.	Peso Tot.	AREA m^2
PECA1	1	U 150X50X5.00 - 5216.5		2213.6	2213.6	142.8
POS.1	4	U127X50X3.00 x 4400.6	SAC 300	22.5	90.0	7.7
POS.2	5	CARTOLA30X90X60X3.04 x 5311.5	SAC 300	35.5	177.5	13.8
POS.3	12	CARTOLA30X90X60X3.04 x 5270.3	SAC 300	35.2	422.4	32.8
POS.4	5	CARTOLA30X90X60X3.04 x 3396.7	SAC 300	22.7	113.5	8.8
POS.5	2	U 150X50X5.00 x 298.3	SAC 300	2.7	5.4	0.3
POS.6	84	Lam. 3.0 x 40.0 x 110.0	A36	0.1	8.4	0.8
POS.7	12	L 50.8 X 4.8 x 1147.0	A36	4.2	50.4	2.7
POS.8	101	Lam. 3.0 x 40.0 x 110.0	A36	0.1	10.1	1.0
POS.9	12	L 50.8 X 4.8 x 1411.0	A36	5.2	62.4	3.3
POS.10	12	L 50.8 X 4.8 x 907.0	A36	3.4	40.8	2.2
POS.11	12	L 50.8 X 4.8 x 1267.0	A36	4.7	56.4	3.0
POS.12	12	L 50.8 X 4.8 x 667.0	A36	2.5	30.0	1.6
POS.13	12	L 50.8 X 4.8 x 1240.0	A36	4.6	55.2	3.0
POS.14	12	L 50.8 X 4.8 x 397.0	A36	1.5	18.0	0.9
POS.15	12	L 50.8 X 4.8 x 931.0	A36	3.4	40.8	2.2
POS.16	6	U 150X50X5.00 x 5125.0	SAC 300	47.0	282.0	14.7
POS.17	6	U 150X50X5.00 x 5216.5	SAC 300	47.8	286.8	14.9
POS.18	12	L 44.5 X 4.8 x 1472.0	A36	4.7	56.4	3.0
POS.19	12	L 44.5 X 4.8 x 895.0	A36	2.8	33.6	1.8
POS.20	12	L 44.5 X 4.8 x 1282.0	A36	4.1	49.2	2.6
POS.21	12	L 44.5 X 4.8 x 652.0	A36	2.1	25.2	1.3
POS.22	12	L 44.5 X 4.8 x 958.0	A36	3.0	36.0	2.0
POS.23	12	L 44.5 X 4.8 x 463.0	A36	1.5	18.0	0.9
POS.24	4	L 44.5 X 4.8 x 832.0	A36	2.6	10.4	0.6
POS.25	1	U 150X50X5.00 x 4383.2	SAC 300	40.2	40.2	2.1
POS.26	1	U 150X50X5.00 x 4460.2	SAC 300	40.9	40.9	2.1
POS.27	1	U127X50X3.00 x 4383.0	SAC 300	22.4	22.4	1.9
POS.28	1	U127X50X3.00 x 4459.8	SAC 300	22.8	22.8	2.0
POS.29	8	L 44.5 X 4.8 x 793.0	A36	2.5	20.0	1.1
POS.30	4	U127X50X3.00 x 4325.0	SAC 300	22.1	88.4	7.6
PECA2	13	U 150X50X5.00		1.4	18.2	0.9
PECA2	13	U 150X50X5.00 x 150.0	SAC 300	1.4	18.2	0.1
PECA3	4	U 150X50X5.00		2.8	11.2	0.6
PECA3	4	U 150X50X5.00 x 310.0	SAC 300	2.8	11.2	0.1
PECA4	2	U 150X50X5.00 - 5216.5		155.4	310.8	16.5
POS.6	16	Lam. 3.0 x 40.0 x 110.0	A36	0.1	1.6	0.1
POS.7	4	L 50.8 X 4.8 x 1147.0	A36	4.2	16.8	0.5
POS.8	16	Lam. 3.0 x 40.0 x 110.0	A36	0.1	1.6	0.1
POS.9	4	L 50.8 X 4.8 x 1411.0	A36	5.2	20.8	0.6
POS.10	4	L 50.8 X 4.8 x 907.0	A36	3.4	13.6	0.4
POS.11	4	L 50.8 X 4.8 x 1267.0	A36	4.7	18.8	0.5
POS.12	4	L 50.8 X 4.8 x 667.0	A36	2.5	10.0	0.3
POS.13	4	L 50.8 X 4.8 x 1240.0	A36	4.6	18.4	0.5
POS.14	4	L 50.8 X 4.8 x 397.0	A36	1.5	6.0	0.2
POS.15	4	L 50.8 X 4.8 x 931.0	A36	3.4	13.6	0.4
POS.16	2	U 150X50X5.00 x 5125.0	SAC 300	47.0	94.0	2.4
POS.17	2	U 150X50X5.00 x 5216.5	SAC 300	47.8	95.6	2.5
PECA5	1	U 150X50X5.00 - 2518.5		69.7	69.7	3.7
POS.6	2	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.2	
POS.8	5	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.5	0.1
POS.18	2	L 44.5 X 4.8 x 1472.0	A36	4.7	9.4	0.5
POS.19	2	L 44.5 X 4.8 x 895.0	A36	2.8	5.6	0.3
POS.31	1	U 150X50X5.00 x 2518.5	SAC 300	23.1	23.1	1.2
POS.32	2	L 44.5 X 4.8 x 1285.0	A36	4.1	8.2	0.4
POS.33	1	U 150X50X5.00 x 2479.4	SAC 300	22.7	22.7	1.2
PECA6	2	U 150X50X5.00		6.2	12.4	0.6
PECA6	2	U 150X50X5.00 x 679.1	SAC 300	6.2	12.4	0.3
PECA7	2	U 150X50X5.00 - 5216.5		146.8	293.6	15.6
POS.6	12	Lam. 3.0 x 40.0 x 110.0	A36	0.1	1.2	0.1
POS.8	16	Lam. 3.0 x 40.0 x 110.0	A36	0.1	1.6	0.1
POS.9	4	L 50.8 X 4.8 x 1411.0	A36	5.2	20.8	0.6
POS.10	4	L 50.8 X 4.8 x 907.0	A36	3.4	13.6	0.4
POS.11	4	L 50.8 X 4.8 x 1267.0	A36	4.7	18.8	0.5
POS.12	4	L 50.8 X 4.8 x 667.0	A36	2.5	10.0	0.3
POS.13	4	L 50.8 X 4.8 x 1240.0	A36	4.6	18.4	0.5
POS.14	4	L 50.8 X 4.8 x 397.0	A36	1.5	6.0	0.2
POS.15	4	L 50.8 X 4.8 x 931.0	A36	3.4	13.6	0.4
POS.16	2	U 150X50X5.00 x 5125.0	SAC 300	47.0	94.0	2.4
POS.17	2	U 150X50X5.00 x 5216.5	SAC 300	47.8	95.6	2.5
PECA8	1	U 150X50X5.00 - 2769		67.8	67.8	3.6
POS.6	2	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.2	
POS.8	4	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.4	
POS.34	1	U 150X50X5.00 x 2769.0	SAC 300	25.4	25.4	1.3
POS.35	2	L 44.5 X 4.8 x 1258.0	A36	4.0	8.0	0.4
POS.36	2	L 44.5 X 4.8 x 397.0	A36	1.3	2.6	0.1
POS.37	2	L 44.5 X 4.8 x 976.0	A36	3.1	6.2	0.3
POS.38	1	U 150X50X5.00 x 2725.0	SAC 300	25.0	25.0	1.3
PECA9	2	U 150X50X5.00		6.4	12.8	0.7
PECA9	2	U 150X50X5.00 x 695.0	SAC 300	6.4	12.8	0.3
PECA10	1	U 150X50X5.00 - 1539.3		36.8	36.8	1.9
POS.8	2	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.2	
POS.39	1	U 150X50X5.00 x 1539.3	SAC 300	14.1	14.1	0.7
POS.40	2	L 44.5 X 4.8 x 1366.0	A36	4.3	8.6	0.5
POS.41	1	U 150X50X5.00 x 1517.5	SAC 300	13.9	13.9	0.7
PECA11	2	U 150X50X5.00		6.4	12.8	0.7
PECA11	2	U 150X50X5.00 x 693.3	SAC 300	6.4	12.8	0.3
PECA12	20	U 150X50X5.00		3.5	70.0	3.6
PECA12	20	U 150X50X5.00 x 380.8	SAC 300	3.5	70.0	0.2
PECA13	9	U 150X50X5.00		10.8	97.2	5.0
PECA13	9	U 150X50X5.00 x 1175.0	SAC 300	10.8	97.2	0.6
PECA14	2	U 150X50X5.00 - 4095.8		112.0	224.0	11.9
POS.8	16	Lam. 3.0 x 40.0 x 110.0	A36	0.1	1.6	0.1
POS.42	2	U 150X50X5.00 x 4095.8	SAC 300	37.5	75.0	2.0
POS.43	4	L 44.5 X 4.8 x 1444.0	A36	4.6	18.4	0.5
POS.44	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	
POS.45	4	L 44.5 X 4.8 x 910.0	A36	2.9	11.6	0.3
POS.46	4	L 44.5 X 4.8 x 1294.0	A36	4.1	16.4	0.4
POS.47	4	L 44.5 X 4.8 x 670.0	A36	2.1	8.4	0.2
POS.48	4	L 44.5 X 4.8 x 1432.0	A36	4.5	18.0	0.5
POS.49	2	U 150X50X5.00 x 4028.1	SAC 300	36.9	73.8	1.9
PECA15	1	U 150X50X5.00 - 2394.5		67.0	67.0	3.5
POS.8	5	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.5	0.1
POS.44	2	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.2	
POS.50	1	U 150X50X5.00 x 2394.4	SAC 300	21.9	21.9	1.1
POS.51	2	L 44.5 X 4.8 x 1408.0	A36	4.5	9.0	0.5
POS.52	2	L 44.5 X 4.8 x 901.0	A36	2.9	5.8	0.3
POS.53	2	L 44.5 X 4.8 x 1261.0	A36	4.0	8.0	0.4
POS.54	1	U 150X50X5.00 x 2353.5	SAC 300	21.6	21.6	1.1
PECA16	6	U 150X50X5.00		6.2	37.2	2.0
PECA16	6	U 150X50X5.00 x 680.6	SAC 300	6.2	37.2	0.3
PECA17	1	U 150X50X5.00 - 5265.3		156.3	156.3	8.3
POS.7	2	L 50.8 X 4.8 x 1147.0	A36	4.2	8.4	0.5
POS.8	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.10	2	L 50.8 X 4.8 x 907.0	A36	3.4	6.8	0.4
POS.12	2	L 50.8 X 4.8 x 667.0	A36	2.5	5.0	0.3
POS.44	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.55	1	U 150X50X5.00 x 5265.3	SAC 300	48.3	48.3	2.5
POS.56	2	L 50.8 X 4.8 x 1423.0	A36	5.3	10.6	0.6
POS.57	2	L 50.8 X 4.8 x 1282.0	A36	4.7	9.4	0.5
POS.58	2	L 50.8 X 4.8 x 1405.0	A36	5.2	10.4	0.6
POS.59	2	L 50.8 X 4.8 x 355.0	A36	1.3	2.6	0.1
POS.60	2	L 50.8 X 4.8 x 784.0	A36	2.9	5.8	0.3
POS.61	1	U 150X50X5.00 x 5175.4	SAC 300	47.4	47.4	2.5
PECA18	1	U 150X50X5.00 - 4314.7		126.8	126.8	6.7
POS.8	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.15	2	L 50.8 X 4.8 x 931.0	A36	3.4	6.8	0.4
POS.44	6	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.6	0.1
POS.62	1	U 150X50X5.00 x 4314.7	SAC 300	39.6	39.6	2.1
POS.63	2	L 50.8 X 4.8 x 1399.0	A36	5.2	10.4	0.6
POS.64	2	L 50.8 X 4.8 x 901.0	A36	3.3	6.6	0.4
POS.65	2	L 50.8 X 4.8 x 1243.0	A36	4.6	9.2	0.5
POS.66	2	L 50.8 X 4.8 x 655.0	A36	2.4	4.8	0.3
POS.67	2	L 50.8 X 4.8 x 457.0	A36	1.7	3.4	0.2
POS.68	2	L 50.8 X 4.8 x 796.0	A36	2.9	5.8	0.3
POS.69	1	U 150X50X5.00 x 4232.8	SAC 300	38.8	38.8	2.0
PECA19	1	U 150X50X5.00		2.6	2.6	0.1
PECA19	1	U 150X50X5.00 x 285.9	SAC 300	2.6	2.6	0.1
PECA20	1	U 150X50X5.00		1.4	1.4	0.1
PECA20	1	U 150X50X5.00 x 153.8	SAC 300	1.4	1.4	0.1
PECA21	1	U 150X50X5.00 - 5771.9		169.9	169.9	9.0
POS.8	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.15	2	L 50.8 X 4.8 x 931.0	A36	3.4	6.8	0.4
POS.44	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.70	1	U 150X50X5.00 x 5771.9	SAC 300	52.9	52.9	2.8
POS.71	2	L 50.8 X 4.8 x 1150.0	A36	4.3	8.6	0.5
POS.72	2	L 50.8 X 4.8 x 1435.0	A36	5.3	10.6	0.6
POS.73	2	L 50.8 X 4.8 x 1306.0	A36	4.8	9.6	0.5
POS.74	2	L 50.8 X 4.8 x 712.0	A36	2.6	5.2	0.3
POS.75	2	L 50.8 X 4.8 x 1450.0	A36	5.4	10.8	0.6
POS.76	2	L 50.8 X 4.8 x 424.0	A36	1.6	3.2	0.2
POS.77	2	L 50.8 X 4.8 x 1141.0	A36	4.2	8.4	0.5
POS.78	1	U 150X50X5.00 x 5689.3	SAC 300	52.2	52.2	2.7
PECA22	2	U 150X50X5.00 - 4102.4		122.1	244.2	13.0
POS.8	16	Lam. 3.0 x 40.0 x 110.0	A36	0.1	1.6	0.1
POS.12	4	L 50.8 X 4.8 x 667.0	A36	2.5	10.0	0.3
POS.15	4	L 50.8 X 4.8 x 931.0	A36	3.4	13.6	0.4
POS.44	12	Lam. 3.0 x 40.0 x 110.0	A36	0.1	1.2	0.1
POS.63	4	L 50.8 X 4.8 x 1399.0	A36	5.2	20.8	0.6
POS.64	4	L 50.8 X 4.8 x 901.0	A36	3.3	13.2	0.4
POS.65	4	L 50.8 X 4.8 x 1243.0	A36	4.6	18.4	0.5
POS.66	4	L 50.8 X 4.8 x 655.0	A36	2.4	9.6	0.3
POS.67	4	L 50.8 X 4.8 x 457.0	A36	1.7	6.8	0.2
POS.79	2	U 150X50X5.00 x 4102.4	SAC 300	37.6	75.2	2.0
POS.80	2	U 150X50X5.00 x 4025.1	SAC 300	36.9	73.8	1.9
PECA23	2	U 150X50X5.00		3.0	6.0	0.3
PECA23	2	U 150X50X5.00 x 329.5	SAC 300	3.0	6.0	0.2
PECA24	1	U 150X50X5.00 - 5952.9		174.8	174.8	9.3
POS.8	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.44	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.71	2	L 50.8 X 4.8 x 1150.0	A36	4.3	8.6	0.5
POS.81	1	U 150X50X5.00 x 5953.0	SAC 300	54.6	54.6	2.8
POS.82	2	L 50.8 X 4.8 x 1438.0	A36	5.3	10.6	0.6
POS.83	2	L 50.8 X 4.8 x 937.0	A36	3.5	7.0	0.4
POS.84	2	L 50.8 X 4.8 x 1315.0	A36	4.9	9.8	0.5
POS.85	2	L 50.8 X 4.8 x 724.0	A36	2.7	5.4	0.3
POS.86	2	L 50.8 X 4.8 x 1465.0	A36	5.4	10.8	0.6
POS.87	2	L 50.8 X 4.8 x 445.0	A36	1.6	3.2	0.2
POS.88	2	L 50.8 X 4.8 x 1273.0	A36	4.7	9.4	0.5
POS.89	1	U 150X50X5.00 x 5872.9	SAC 300	53.8	53.8	2.8
PECA25	1	U 150X50X5.00 - 5258.8		156.2	156.2	8.3
POS.7	2	L 50.8 X 4.8 x 1147.0	A36	4.2	8.4	0.5
POS.8	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.10	2	L 50.8 X 4.8 x 907.0	A36	3.4	6.8	0.4
POS.12	2	L 50.8 X 4.8 x 667.0	A36	2.5	5.0	0.3
POS.44	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.56	2	L 50.8 X 4.8 x 1423.0	A36	5.3	10.6	0.6
POS.57	2	L 50.8 X 4.8 x 1282.0	A36	4.7	9.4	0.5
POS.58	2	L 50.8 X 4.8 x 1405.0	A36	5.2	10.4	0.6
POS.59	2	L 50.8 X 4.8 x 355.0	A36	1.3	2.6	0.1
POS.60	2	L 50.8 X 4.8 x 784.0	A36	2.9	5.8	0.3
POS.90	1	U 150X50X5.00 x 5258.8	SAC 300	48.2	48.2	2.5
POS.91	1	U 150X50X5.00 x 5169.0	SAC 300	47.4	47.4	2.5
PECA26	1	U 150X50X5.00		1.4	1.4	0.1
PECA26	1	U 150X50X5.00 x 155.1	SAC 300	1.4	1.4	0.1
PECA27	1	U 150X50X5.00 - 4342.5		127.5	127.5	6.8
POS.8	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.15	2	L 50.8 X 4.8 x 931.0	A36	3.4	6.8	0.4
POS.44	6	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.6	0.1
POS.63	2	L 50.8 X 4.8 x 1399.0	A36	5.2	10.4	0.6
POS.64	2	L 50.8 X 4.8 x 901.0	A36	3.3	6.6	0.4
POS.65	2	L 50.8 X 4.8 x 1243.0	A36	4.6	9.2	0.5
POS.66	2	L 50.8 X 4.8 x 655.0	A36	2.4	4.8	0.3
POS.67	2	L 50.8 X 4.8 x 457.0	A36	1.7	3.4	0.2
POS.92	1	U 150X50X5.00 x 4342.5	SAC 300	39.8	39.8	2.1
POS.93	2	L 50.8 X 4.8 x 811.0	A36	3.0	6.0	0.3
POS.94	1	U 150X50X5.00 x 4260.0	SAC 300	39.1	39.1	2.0
PECA28	2	U 150X50X5.00		2.6	5.2	0.3
PECA28	2	U 150X50X5.00 x 279.9	SAC 300	2.6	5.2	0.1
PECA29	1	U 150X50X5.00 - 4092.8		126.2	126.2	6.7
POS.7	2	L 50.8 X 4.8 x 1147.0	A36	4.2	8.4	0.5
POS.8	6	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.6	0.1
POS.10	2	L 50.8 X 4.8 x 907.0	A36	3.4	6.8	0.4
POS.12	2	L 50.8 X 4.8 x 667.0	A36	2.5	5.0	0.3
POS.44	6	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.6	0.1
POS.56	2	L 50.8 X 4.8 x 1423.0	A36	5.3	10.6	0.6
POS.57	2	L 50.8 X 4.8 x 1282.0	A36	4.7	9.4	0.5
POS.58	2	L 50.8 X 4.8 x 1405.0	A36	5.2	10.4	0.6
POS.80	1	U 150X50X5.00 x 4025.1	SAC 300	36.9	36.9	1.9
POS.95	1	U 150X50X5.00 x 4092.8	SAC 300	37.5	37.5	2.0
PECA30	1	U 150X50X5.00 - 2394.4		70.3	70.3	3.7
POS.8	4	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.4	
POS.44	2	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.2	
POS.50	1	U 150X50X5.00 x 2394.4	SAC 300	21.9	21.9	1.1
POS.54	1	U 150X50X5.00 x 2353.5	SAC 300	21.6	21.6	1.1
POS.63	2	L 50.8 X 4.8 x 1399.0	A36	5.2	10.4	0.6
POS.64	2	L 50.8 X 4.8 x 901.0	A36	3.3	6.6	0.4
POS.96	2	L 50.8 X 4.8 x 1249.0	A36	4.6	9.2	0.5
PECA31	1	U 150X50X5.00 - 4092.8		117.6	117.6	6.2
POS.8	6	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.6	0.1
POS.10	2	L 50.8 X 4.8 x 907.0	A36	3.4	6.8	0.4
POS.12	2	L 50.8 X 4.8 x 667.0	A36	2.5	5.0	0.3
POS.44	4	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.4	
POS.56	2	L 50.8 X 4.8 x 1423.0	A36	5.3	10.6	0.6
POS.57	2	L 50.8 X 4.8 x 1282.0	A36	4.7	9.4	0.5
POS.58	2	L 50.8 X 4.8 x 1405.0	A36	5.2	10.4	0.6
POS.80	1	U 150X50X5.00 x 4025.1	SAC 300	36.9	36.9	1.9
POS.95	1	U 150X50X5.00 x 4092.8	SAC 300	37.5	37.5	2.0
PECA32	1	U 150X50X5.00 - 1613.3		40.0	40.0	2.1
POS.8	2	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.2	
POS.58	2	L 50.8 X 4.8 x 1405.0	A36	5.2	10.4	0.6
POS.97	1	U 150X50X5.00 x 1613.3	SAC 300	14.8	14.8	0.8
POS.98	1	U 150X50X5.00 x 1592.5	SAC 300	14.6	14.6	0.8
PECA33	1	U 150X50X5.00 - 2558.9		65.4	65.4	3.5
POS.6	2	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.2	
POS.8	4	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.4	
POS.74	2	L 50.8 X 4.8 x 712.0	A36	2.6	5.2	0.3
POS.99	1	U 150X50X5.00 x 2558.9	SAC 300	23.5	23.5	1.2
POS.100	2	L 50.8 X 4.8 x 1393.0	A36	5.2	10.4	0.6
POS.101	2	L 50.8 X 4.8 x 361.0	A36	1.3	2.6	0.1
POS.102	1	U 150X50X5.00 x 2520.6	SAC 300	23.1	23.1	1.2
PECA34	1	U 150X50X5.00		1.8	1.8	0.1
PECA34	1	U 150X50X5.00 x 199.9	SAC 300	1.8	1.8	0.1
PECA35	1	U 150X50X5.00 - 5207.2		147.1	147.1	7.8
POS.6	6	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.6	0.1
POS.8	8	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.8	0.1
POS.12	2	L 50.8 X 4.8 x 667.0	A36	2.5	5.0	0.3
POS.16	1	U 150X50X5.00 x 5125.0	SAC 300	47.0	47.0	2.4
POS.59	2	L 50.8 X 4.8 x 355.0	A36	1.3	2.6	0.1
POS.74	2	L 50.8 X 4.8 x 712.0	A36	2.6	5.2	0.3
POS.75	2	L 50.8 X 4.8 x 1450.0	A36	5.4	10.8	0.6
POS.103	1	U 150X50X5.00 x 5207.1	SAC 300	47.7	47.7	2.5
POS.104	2	L 50.8 X 4.8 x 1468.0	A36	5.4	10.8	0.6
POS.105	2	L 50.8 X 4.8 x 910.0	A36	3.4	6.8	0.4
POS.106	2	L 50.8 X 4.8 x 1321.0	A36	4.9	9.8	0.5
PECA36	1	U 150X50X5.00		1.8	1.8	0.1
PECA36	1	U 150X50X5.00 x 200.5	SAC 300	1.8	1.8	0.1
PECA37	1	U 150X50X5.00 - 285		3568.0	3568.0	219.2
POS.6	110	Lam. 3.0 x 40.0 x 110.0	A36	0.1	11.0	1.1
POS.7	2	L 50.8 X 4.8 x 1147.0	A36	4.2	8.4	0.5
POS.8	128	Lam. 3.0 x 40.0 x 110.0	A36	0.1	12.8	1.3
POS.10	14	L 50.8 X 4.8 x 907.0	A36	3.4	47.6	2.5
POS.12	2	L 50.8 X 4.8 x 667.0	A36	2.5	5.0	0.3
POS.16	9	U 150X50X5.00 x 5125.0	SAC 300	47.0	423.0	22.0
POS.25	1	U 150X50X5.00 x 4383.2	SAC 300	40.2	40.2	2.1
POS.57	2	L 50.8 X 4.8 x 1282.0	A36	4.7	9.4	0.5
POS.59	18	L 50.8 X 4.8 x 355.0	A36	1.3	23.4	1.3
POS.64	16	L 50.8 X 4.8 x 901.0	A36	3.3	52.8	2.8
POS.66	12	L 50.8 X 4.8 x 655.0	A36	2.4	28.8	1.6
POS.71	14	L 50.8 X 4.8 x 1150.0	A36	4.3	60.2	3.2
POS.74	18	L 50.8 X 4.8 x 712.0	A36	2.6	46.8	2.5
POS.75	2	L 50.8 X 4.8 x 1450.0	A36	5.4	10.8	0.6
POS.93	2	L 50.8 X 4.8 x 811.0	A36	3.0	6.0	0.3
POS.103	9	U 150X50X5.00 x 5207.1	SAC 300	47.7	429.3	22.4
POS.104	2	L 50.8 X 4.8 x 1468.0	A36	5.4	10.8	0.6
POS.105	4	L 50.8 X 4.8 x 910.0	A36	3.4	13.6	0.7
POS.106	2	L 50.8 X 4.8 x 1321.0	A36	4.9	9.8	0.5
POS.107	2	U 150X50X5.00 x 2474.3	SAC 300	22.7	45.4	2.4
POS.108	5	CARTOLA30X90X60X3.04 x 4802.5	SAC 300	32.1	160.5	12.4
POS.109	5	CARTOLA30X90X60X3.04 x 2429.9	SAC 300	16.2	81.0	6.3
POS.110	5	CARTOLA30X90X60X3.04 x 1938.4	SAC 300	13.0	65.0	5.0
POS.111	20	CARTOLA30X90X60X3.04 x 4797.2	SAC 300	32.1	642.0	49.7
POS.112	5	CARTOLA30X90X60X3.04 x 5343.4	SAC 300	35.7	178.5	13.8
POS.113	5	CARTOLA30X90X60X3.04 x 1902.4	SAC 300	12.7	63.5	4.9
POS.114	2	CARTOLA 30X90X60X3.00 x 2353.5	SAC 300	15.5	31.0	2.4
POS.115	1	U 150X50X5.00 x 1175.0	SAC 300	10.8	10.8	0.6
POS.116	9	U 150X50X5.00 x 200.5	SAC 300	1.8	16.2	0.9
POS.117	14	L 50.8 X 4.8 x 1459.0	A36	5.4	75.6	4.0
POS.118	16	L 50.8 X 4.8 x 1318.0	A36	4.9	78.4	4.2
POS.119	16	L 50.8 X 4.8 x 670.0	A36	2.5	40.0	2.1
POS.120	16	L 50.8 X 4.8 x 1456.0	A36	5.4	86.4	4.6
POS.121	2	L 50.8 X 4.8 x 1432.0	A36	5.3	10.6	0.6
POS.122	2	L 50.8 X 4.8 x 1279.0	A36	4.7	9.4	0.5
POS.123	2	U 150X50X5.00 x 2434.8	SAC 300	22.3	44.6	2.3
POS.124	1	U 150X50X5.00 x 285.0	SAC 300	2.6	2.6	0.1
POS.125	12	L 50.8 X 4.8 x 1429.0	A36	5.3	63.6	3.4
POS.126	12	L 50.8 X 4.8 x 1276.0	A36	4.7	56.4	3.0
POS.127	12	L 50.8 X 4.8 x 967.0	A36	3.6	43.2	2.3
POS.128	12	L 50.8 X 4.8 x 454.0	A36	1.7	20.4	1.1
POS.129	1	U 150X50X5.00 x 4462.5	SAC 300	40.9	40.9	2.1
POS.130	8	L 50.8 X 4.8 x 775.0	A36	2.9	23.2	1.2
POS.131	4	U 150X50X5.00 x 4325.2	SAC 300	39.6	158.4	8.3
POS.132	4	U 150X50X5.00 x 4403.3	SAC 300	40.4	161.6	8.4
POS.133	2	L 50.8 X 4.8 x 826.0	A36	3.1	6.2	0.3
POS.134	1	U 150X50X5.00 x 4406.4	SAC 300	40.4	40.4	2.1
POS.135	1	U 150X50X5.00 x 4486.2	SAC 300	41.1	41.1	2.1
POS.136	2	L 50.8 X 4.8 x 1462.0	A36	5.4	10.8	0.6
POS.137	2	L 50.8 X 4.8 x 1420.0	A36	5.3	10.6	0.6
PECA38	4	U 150X50X5.00		2.7	10.8	0.6
PECA38	4	U 150X50X5.00 x 296.8	SAC 300	2.7	10.8	0.1
PECA39	1	U 150X50X5.00 - 1652.1		41.1	41.1	2.2
POS.8	3	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.3	
POS.138	1	U 150X50X5.00 x 1652.1	SAC 300	15.1	15.1	0.8
POS.139	2	L 44.5 X 4.8 x 1708.0	A36	5.4	10.8	0.6
POS.140	1	U 150X50X5.00 x 1624.8	SAC 300	14.9	14.9	0.8
PECA40	1	U 150X50X5.00		7.5	7.5	0.4
PECA40	1	U 150X50X5.00 x 820.7	SAC 300	7.5	7.5	0.4
PECA41	1	U 150X50X5.00 - 3209		95.1	95.1	5.1
POS.7	2	L 50.8 X 4.8 x 1147.0	A36	4.2	8.4	0.5
POS.8	5	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.5	0.1
POS.44	4	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.4	
POS.141	1	U 150X50X5.00 x 3209.0	SAC 300	29.4	29.4	1.5
POS.142	2	L 50.8 X 4.8 x 1668.0	A36	6.2	12.4	0.7
POS.143	2	L 50.8 X 4.8 x 739.0	A36	2.7	5.4	0.3
POS.144	2	L 50.8 X 4.8 x 1342.0	A36	5.0	10.0	0.5
POS.145	1	U 150X50X5.00 x 3124.8	SAC 300	28.6	28.6	1.5
PECA42	1	U 150X50X5.00 - 2474.3		71.8	71.8	3.8
POS.8	4	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.4	
POS.44	2	Lam. 3.0 x 40.0 x 110.0	A36	0.1	0.2	
POS.107	1	U 150X50X5.00 x 2474.3	SAC 300	22.7	22.7	1.2
POS.123	1	U 150X50X5.00 x 2434.8	SAC 300	22.3	22.3	1.2
POS.146	2	L 50.8 X 4.8 x 1573.0	A36	5.8	11.6	0.6
POS.147	2	L 50.8 X 4.8 x 856.0	A36	3.2	6.4	0.3
POS.148	2	L 50.8 X 4.8 x 1108.0	A36	4.1	8.2	0.4
PECA43	1	U 150X50X5.00		3.6	3.6	0.2
PECA43	1	U 150X50X5.00 x 391.4	SAC 300	3.6	3.6	0.2
PECA44	1	U 150X50X5.00 - 2518.4		1940.6	1940.6	118.9
POS.7	12	L 50.8 X 4.8 x 1147.0	A36	4.2	50.4	2.7
POS.8	64	Lam. 3.0 x 40.0 x 110.0	A36	0.1	6.4	0.6
POS.25	2	U 150X50X5.00 x 4383.2	SAC 300	40.2	80.4	4.2
POS.31	1	U 150X50X5.00 x 2518.5	SAC 300	23.1	23.1	1.2
POS.33	1	U 150X50X5.00 x 2479.4	SAC 300	22.7	22.7	1.2
POS.44	46	Lam. 3.0 x 40.0 x 110.0	A36	0.1	4.6	0.5
POS.131	3	U 150X50X5.00 x 4325.2	SAC 300	39.6	118.8	6.2
POS.141	6	U 150X50X5.00 x 3209.0	SAC 300	29.4	176.4	9.2
POS.142	12	L 50.8 X 4.8 x 1668.0	A36	6.2	74.4	4.0
POS.143	12	L 50.8 X 4.8 x 739.0	A36	2.7	32.4	1.8
POS.144	12	L 50.8 X 4.8 x 1342.0	A36	5.0	60.0	3.2
POS.145	6	U 150X50X5.00 x 3124.8	SAC 300	28.6	171.6	8.9
POS.149	3	CARTOLA30X90X60X3.04 x 1898.6	SAC 300	12.7	38.1	2.9
POS.150	3	CARTOLA30X90X60X3.04 x 1983.7	SAC 300	13.3	39.9	3.1
POS.151	6	CARTOLA30X90X60X3.04 x 3924.6	SAC 300	26.2	157.2	12.2
POS.152	6	CARTOLA30X90X60X3.04 x 3886.7	SAC 300	26.0	156.0	12.1
POS.153	7	CARTOLA30X90X60X3.04 x 3929.6	SAC 300	26.3	184.1	14.3
POS.154	4	CARTOLA30X90X60X3.04 x 1989.6	SAC 300	13.3	53.2	4.1
POS.155	2	CARTOLA 30X90X60X3.00 x 1948.4	SAC 300	12.9	25.8	2.0
POS.156	12	L 50.8 X 4.8 x 1576.0	A36	5.8	69.6	3.7
POS.157	12	L 50.8 X 4.8 x 862.0	A36	3.2	38.4	2.1
POS.158	2	L 50.8 X 4.8 x 1144.0	A36	4.2	8.4	0.5
POS.159	6	U 150X50X5.00 x 391.4	SAC 300	3.6	21.6	1.1

LISTA MATERIAIS

ITEM	Qtde	DESCRIÇAO	Comprimento (m) Área (m^2)	PESO UN. Kg/m Kg/m^2	PESO TOTAL (Kg)	Material	ÁREA TOT. (mq.)
1	1	C150X60X20X3.04	501.8	6.9	3471	SAC 300	294.0
2	1	C 60*40*20*2	87.3	2.6	228	SAC 300	29.5
3	1	C 60X30X10X2.0	143.8	2.0	283	SAC 300	36.5
4	1	C 75X45X15X2.0	74.5	2.8	210	SAC 300	27.1
5	1	C 100X50X17X3.0	34.7	5.0	175	SAC 300	15.1
6	1	C 150X50X17X3.00	202.8	6.2	1263	SAC 300	108.5
7	1	CARTOLA30X90X60X3.04	702.3	6.7	4695	SAC 300	363.8
8	1	CARTOLA 30X90X60X3.00	699.0	6.6	4614	SAC 300	362.8
9	1	CAÑO3''	206.2	11.3	2334	A36	57.7
10	1	CH. XADREZ 8.00	90.8	74.1	6729	A36	0.0
11	1	L50*5	20.5	3.8	77	A36	4.0
12	1	L60*5	0.1	4.6	1	A36	0.0
13	1	L60*6	17.0	5.4	92	A36	4.0
14	1	L 44.5 X 4.8	222.1	3.2	705	A36	37.8
15	1	L 50.8 X 4.8	749.2	3.7	2773	A36	148.4
16	1	L 50.8 X 4.8	4.5	3.7	17	A36	0.9
17	1	Lam. 3	4.3	23.6	102	A36	10.2
18	1	Lam. 8	2.5	62.8	157	A36	6.0
19	1	Lam. 10	3.3	78.5	261	A36	7.1
20	1	Lam. 12.5	0.1	98.1	14	A36	0.3
21	1	PL 40*4	30.2	1.3	38	A36	2.7
22	1	TONDO 20	12.2	2.5	31	A36	0.8
23	1	U100X50X3.04	69.5	4.5	315	SAC 300	26.8
24	1	U127X50X3.00	147.3	5.1	754	SAC 300	64.8
25	1	U 150X50X3.00	9.2	5.7	52	SAC 300	4.5
26	1	U 150X50X5.00	610.1	9.2	5591	SAC 300	291.0
Total:					34983		1904.2



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E.M.E.B ALINO FERREIRA

CLIENTE

RESP. TEC. EXECUÇÃO:

Eng. Civil

REVISÃO	REVISÃO		ANDRE	THIAGO	THIAGO	
EMISSÃO	PROJETO COMPLETO	28/03/17				
	DISCRIMINAÇÃO	DATA	PROJ.	DES.	VERIF.	APROV.

PROJETO METALICO

PREFEITURA MUNICIPAL DE VÁRZEA GRANDE

AUTORES DO PROJETO:

Engº. Civil BENEDITO ELISEU SCHURING
CREA 715/D MT

Engº. Civil ANDRE LUIZ SCHURING
CREA 3886/AP MT

Engº. Civil PAULO THIAGO A. FRANCA
CREA 035554/MT

Av. Verdão, Esq. com a rua B, Parque do Lago

CONTEÚDO:
LISTA DE MATERIAIS

DATA: 28/03/17

DIREITOS AUTORAIS RESERVADOS
VERIFICAR MEDIDAS NA OBRA

ESCALA S/ ESCALA

ARQUIVO

FOLHA No. 27