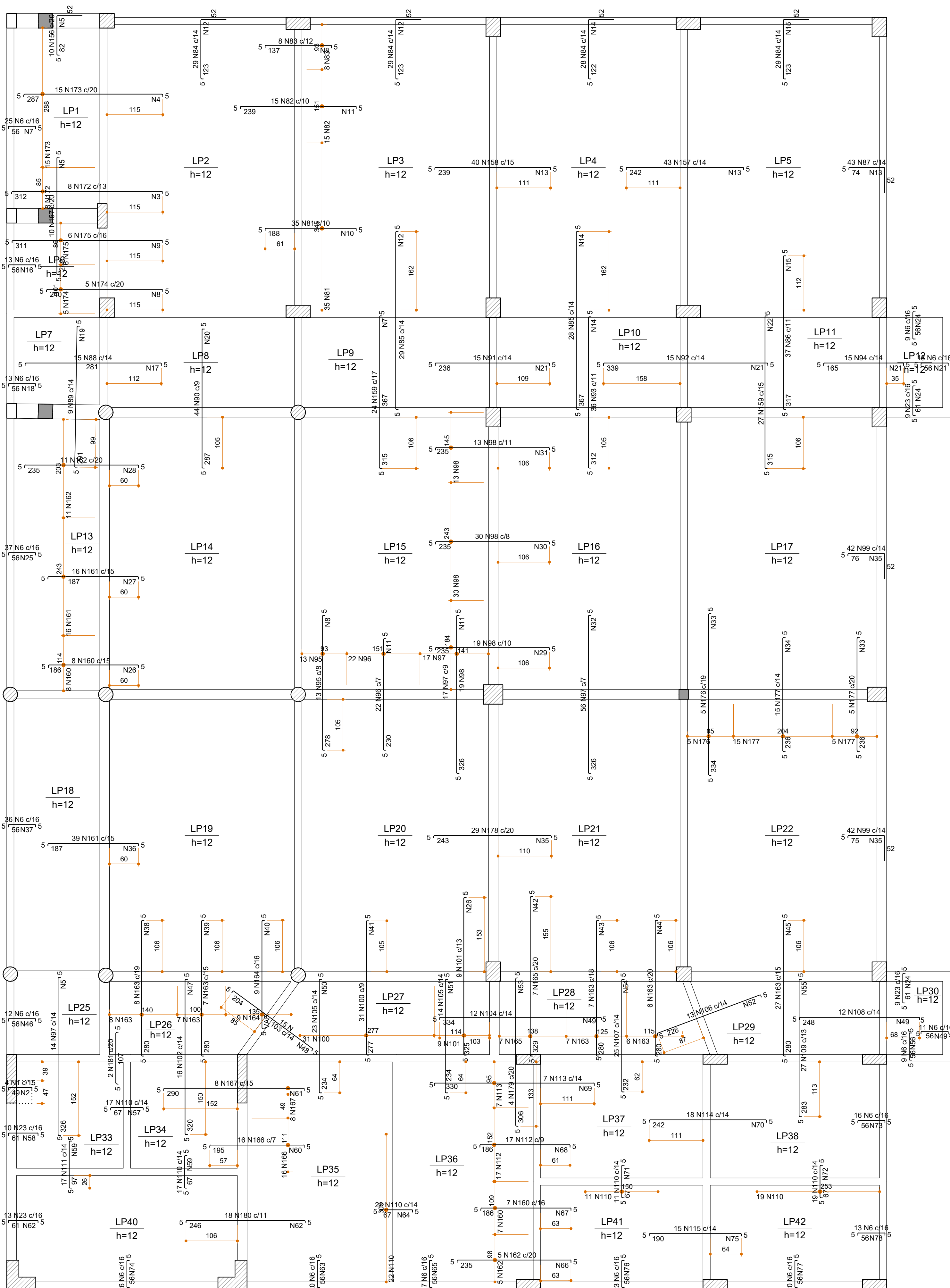


ARMAÇÃO POSITIVA DAS LAJES DO PAVIMENTO TÉRREO  
escala 1:50



ARMAÇÃO NEGATIVA DAS LAJES DO PAVIMENTO TÉRREO  
escala 1:50

RELAÇÃO DO AÇO					
Negativos			Positivos		
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	4	36	224
	2	5.0	3	47	141
	3	5.0	20	100	2000
	4	5.0	34	182	6528
	5	5.0	313	83	19716
	6	5.0	43	166	6333
	7	5.0	33	101	3333
	8	5.0	16	101	1616
	9	5.0	10	352	3520
	10	5.0	11	151	1511
	11	5.0	33	402	13266
	12	5.0	29	604	17516
	13	5.0	29	402	11556
	14	5.0	23	411	9453
	15	5.0	23	411	9453
	16	5.0	23	411	9453
	17	5.0	14	203	2842
	18	5.0	201	125	25020
	19	5.0	15	125	1875
	20	5.0	15	387	5805
	21	5.0	21	204	4284
	22	5.0	16	409	6544
	23	5.0	16	278	4448
	24	5.0	9	128	1152
	25	5.0	3	85	255
	26	5.0	27	121	3267
	27	5.0	10	243	2430
	28	5.0	27	121	3267
	29	5.0	12	144	1728
	30	5.0	12	144	1728
	31	5.0	12	144	1728
	32	5.0	12	144	1728
	33	5.0	12	144	1728
	34	5.0	12	144	1728
	35	5.0	12	144	1728
	36	5.0	12	144	1728
	37	5.0	12	144	1728
	38	5.0	12	144	1728
	39	5.0	12	144	1728
	40	5.0	12	144	1728
CA50	1	5.0	4	36	224
	2	5.0	3	47	141
	3	5.0	20	100	2000
	4	5.0	34	182	6528
	5	5.0	313	83	19716
	6	5.0	43	166	6333
	7	5.0	33	101	3333
	8	5.0	16	101	1616
	9	5.0	10	352	3520
	10	5.0	11	151	1511
	11	5.0	33	402	13266
	12	5.0	29	604	17516
	13	5.0	29	402	11556
	14	5.0	23	411	9453
	15	5.0	23	411	9453
	16	5.0	23	411	9453
	17	5.0	14	203	2842
	18	5.0	201	125	25020
	19	5.0	15	125	1875
	20	5.0	15	387	5805
	21	5.0	21	204	4284
	22	5.0	16	409	6544
	23	5.0	16	278	4448
	24	5.0	9	128	1152
	25	5.0	3	85	255
	26	5.0	27	121	3267
	27	5.0	10	243	2430
	28	5.0	27	121	3267
	29	5.0	12	144	1728
	30	5.0	12	144	1728
	31	5.0	12	144	1728
	32	5.0	12	144	1728
	33	5.0	12	144	1728
	34	5.0	12	144	1728
	35	5.0	12	144	1728
	36	5.0	12	144	1728
	37	5.0	12	144	1728
	38	5.0	12	144	1728
	39	5.0	12	144	1728
	40	5.0	12	144	1728

Armaduras de distribuição			
Armadura	Armadura de distribuição		
N1	3 N2 e/0 c/20 C=47		
N12	20 N3 e/0 c/15 C=100		
N13	15 N4 e/0 c/20 C=302		
N156	4 N5 e/0 c/20 C=192		
N6	3 N7 e/0 c/20 C=403		
N157	13 N5 e/0 c/20 C=192		
N174	12 N8 e/0 c/20 C=101		
N175	16 N9 e/0 c/20 C=101		
N81	10 N10 e/0 c/20 C=382		
N82	12 N11 e/0 c/20 C=151		
N83	7 N8 e/0 c/20 C=101		
N84	7 N12 e/0 c/20 C=402		
N158	12 N13 e/0 c/20 C=604		
N84	7 N12 e/0 c/20 C=402		
N85	10 N12 e/0 c/20 C=402		
N86	19 N14 e/0 c/20 C=393		
N157	13 N13 e/0 c/20 C=604		
N84	7 N14 e/0 c/20 C=393		
N86	16 N15 e/0 c/20 C=411		
N87	4 N13 e/0 c/20 C=604		
N84	7 N15 e/0 c/20 C=411		
N85	3 N16 e/0 c/20 C=202		
N88	14 N17 e/0 c/20 C=203		
N6	3 N18 e/0 c/20 C=201		
N89	15 N19 e/0 c/20 C=125		
N90	15 N20 e/0 c/20 C=387		
N91	12 N21 e/0 c/20 C=204		
N159	16 N21 e/0 c/20 C=402		
N92	17 N21 e/0 c/20 C=204		
N93	16 N14 e/0 c/20 C=393		
N159	16 N22 e/0 c/20 C=409		
N94	9 N21 e/0 c/20 C=204		
N23	3 N24 e/0 c/20 C=138		
N6	3 N21 e/0 c/20 C=204		
N6	3 N24 e/0 c/20 C=138		
N6	3 N25 e/0 c/20 C=585		
N160	10 N26 e/0 c/20 C=121		
N161	10 N27 e/0 c/20 C=243		
N162	12 N28 e/0 c/20 C=117		
N95	14 N8 e/0 c/20 C=101		
N96	12 N11 e/0 c/20 C=151		
N97	17 N11 e/0 c/20 C=151		
N98	12 N29 e/0 c/20 C=194		
N98	12 N30 e/0 c/20 C=243		
N98	12 N31 e/0 c/20 C=148		
N97	17 N32 e/0 c/20 C=393		
N176	17 N33 e/0 c/20 C=102		
N177	14 N34 e/0 c/17 C=204		
N177	12 N35 e/0 c/20 C=102		
N99	4 N35 e/0 c/20 C=582		
N161	10 N36 e/0 c/20 C=579		
N6	3 N37 e/0 c/20 C=577		
N163	14 N38 e/0 c/20 C=147		
N163	14 N39 e/0 c/20 C=100		
N164	12 N40 e/0 c/20 C=VAR		
N100	14 N41 e/0 c/20 C=381		
N101	17 N26 e/0 c/20 C=121		
N178	13 N35 e/0 c/20 C=582		
N165	17 N42 e/0 c/20 C=148		
N163	14 N43 e/0 c/20 C=125		
N163	14 N44 e/0 c/20 C=118		
N163	14 N45 e/0 c/20 C=407		
N177	12 N35 e/0 c/20 C=102		
N99	4 N35 e/0 c/20 C=582		
N6	3 N46 e/0 c/20 C=184		
N97	17 N5 e/0 c/20 C=192		
N102	16 N47 e/0 c/20 C=225		
N103	11 N48 e/0 c/20 C=210		
N104	17 N49 e/0 c/20 C=189		
N105	12 N50 e/0 c/20 C=318		
N105	12 N51 e/0 c/20 C=203		
N106	12 N52 e/0 c/20 C=180		
N179	16 N53 e/0 c/20 C=48		
N107	12 N54 e/0 c/20 C=351		
N108	13 N49 e/0 c/20 C=169		
N109	15 N55 e/0 c/20 C=347		
N6	3 N56 e/0 c/20 C=141		
N6	3 N49 e/0 c/20 C=169		
N23	3 N24 e/0 c/20 C=138		
N110	4 N57 e/0 c/20 C=235		
N23	3 N58 e/0 c/20 C=160		
N111	5 N59 e/0 c/20 C=238		
N111	4 N59 e/0 c/20 C=238		
N111	4 N59 e/0 c/20 C=238		
N166	15 N60 e/0 c/13 C=111		
N167	15 N61 e/0 c/20 C=124		
N180	19 N62 e/0 c/13 C=200		
N6	3 N63 e/0 c/20 C=386		
N110	4 N64 e/0 c/20 C=313		
N6	3 N65 e/0 c/20 C=266		
N162	12 N66 e/0 c/20 C=105		
N160	10 N67 e/0 c/20 C=109		
N112	10 N68 e/0 c/20 C=152		
N113	17 N69 e/0 c/20 C=103		
N114	13 N70 e/0 c/20 C=255		
N110	4 N71 e/0 c/20 C=160		
N110	4 N72 e/0 c/20 C=260		
N6	3 N73 e/0 c/20 C=292		
N23	3 N62 e/0 c/20 C=200		
N6	3 N74 e/0 c/20 C=412		
N115	10 N75 e/0 c/20 C=215		
N6	3 N76 e/0 c/20 C=372		
N6	3 N77 e/0 c/20 C=315		
N6	3 N78 e/0 c/20 C=212		

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	7170.8	1754.7
	8.0	1387.2	547.4
	10.0	295.1	181.9
	12.5	2.2	0.1
CA60	5.0	2806.4	432.6
PESO TOTAL (kg)			
CA50		2886.1	
CA60		432.6	

Volume de concreto (C=30) = 51.83 m³  
Área de forma = 431.94 m²

