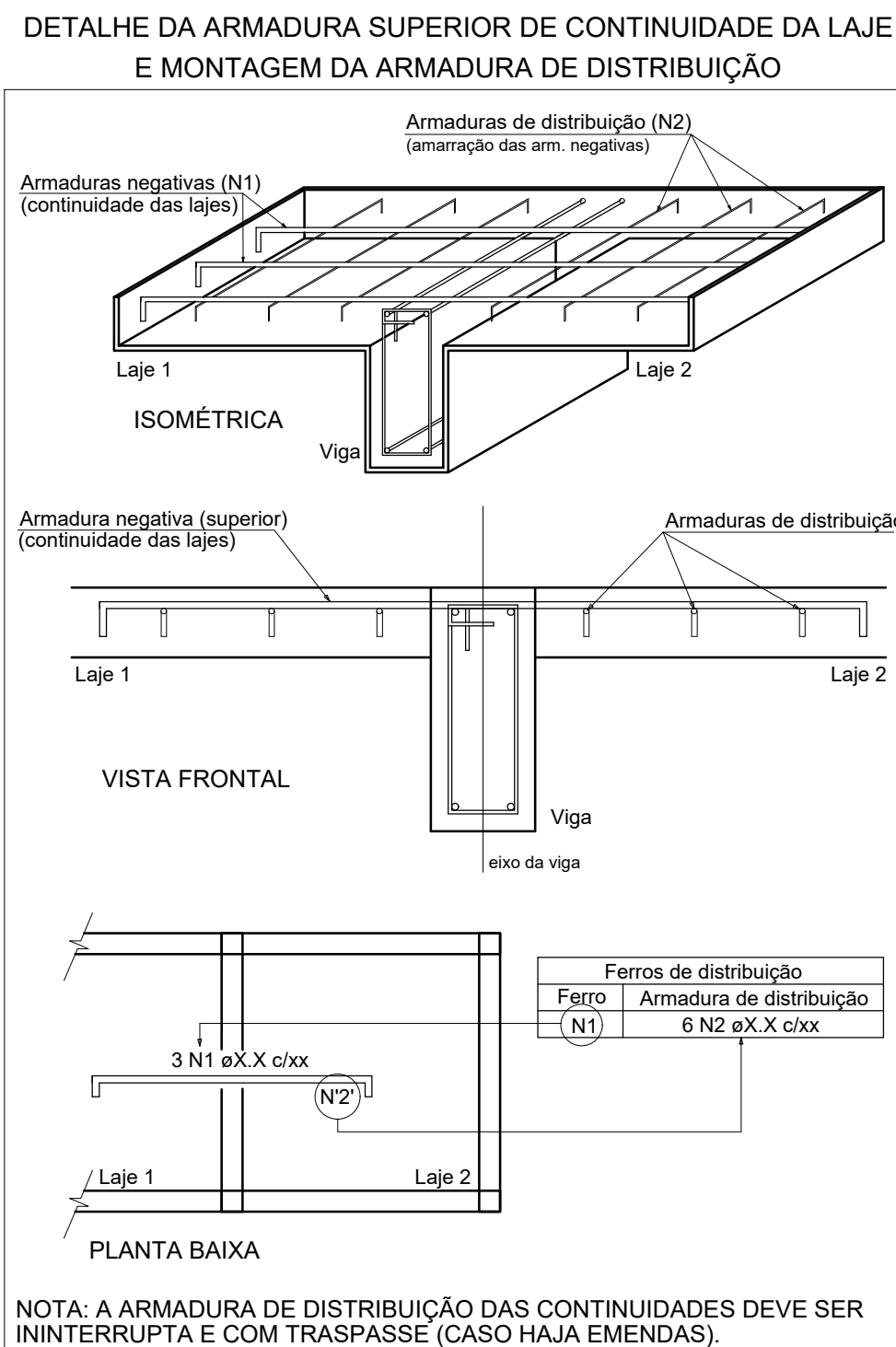
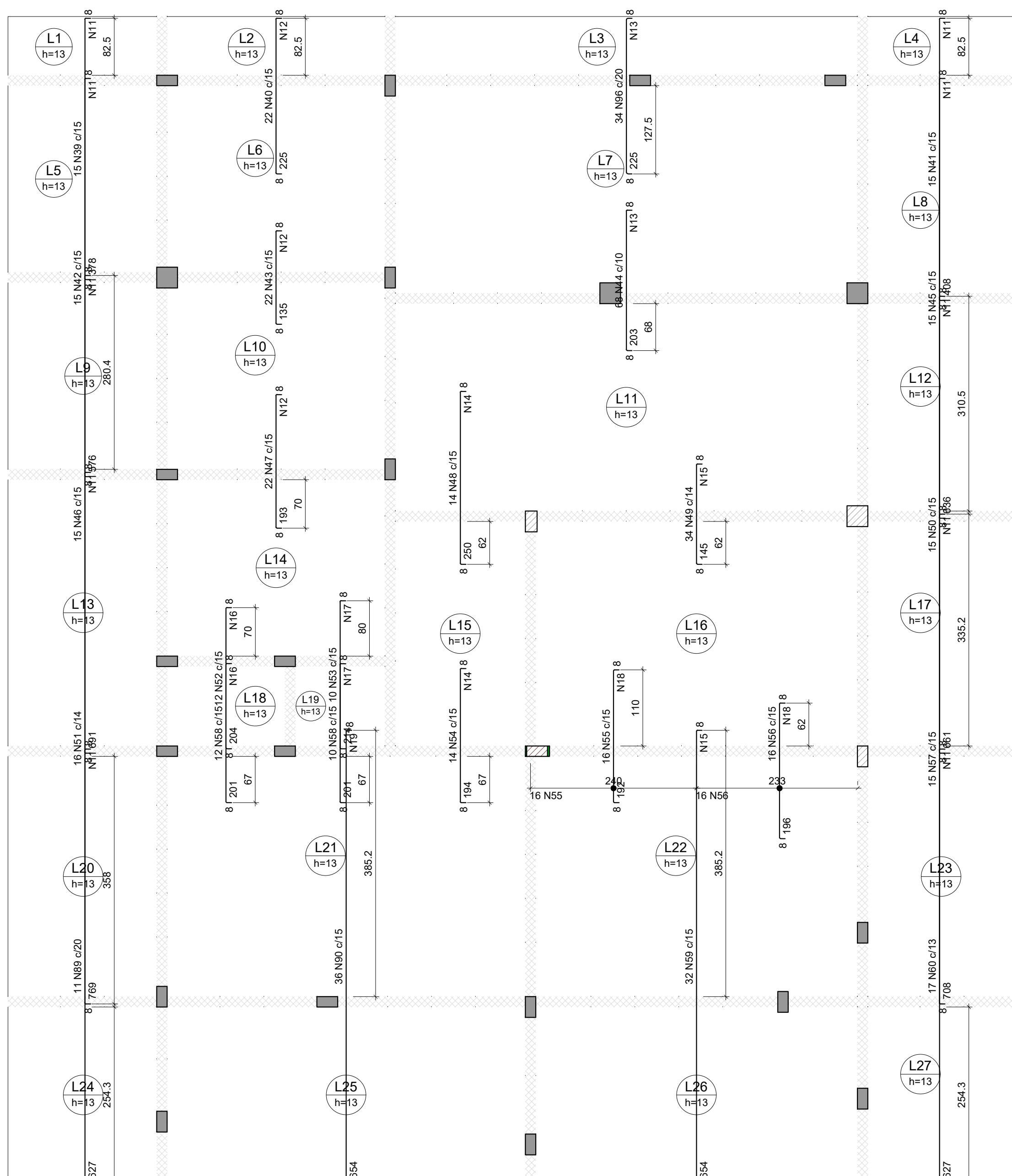


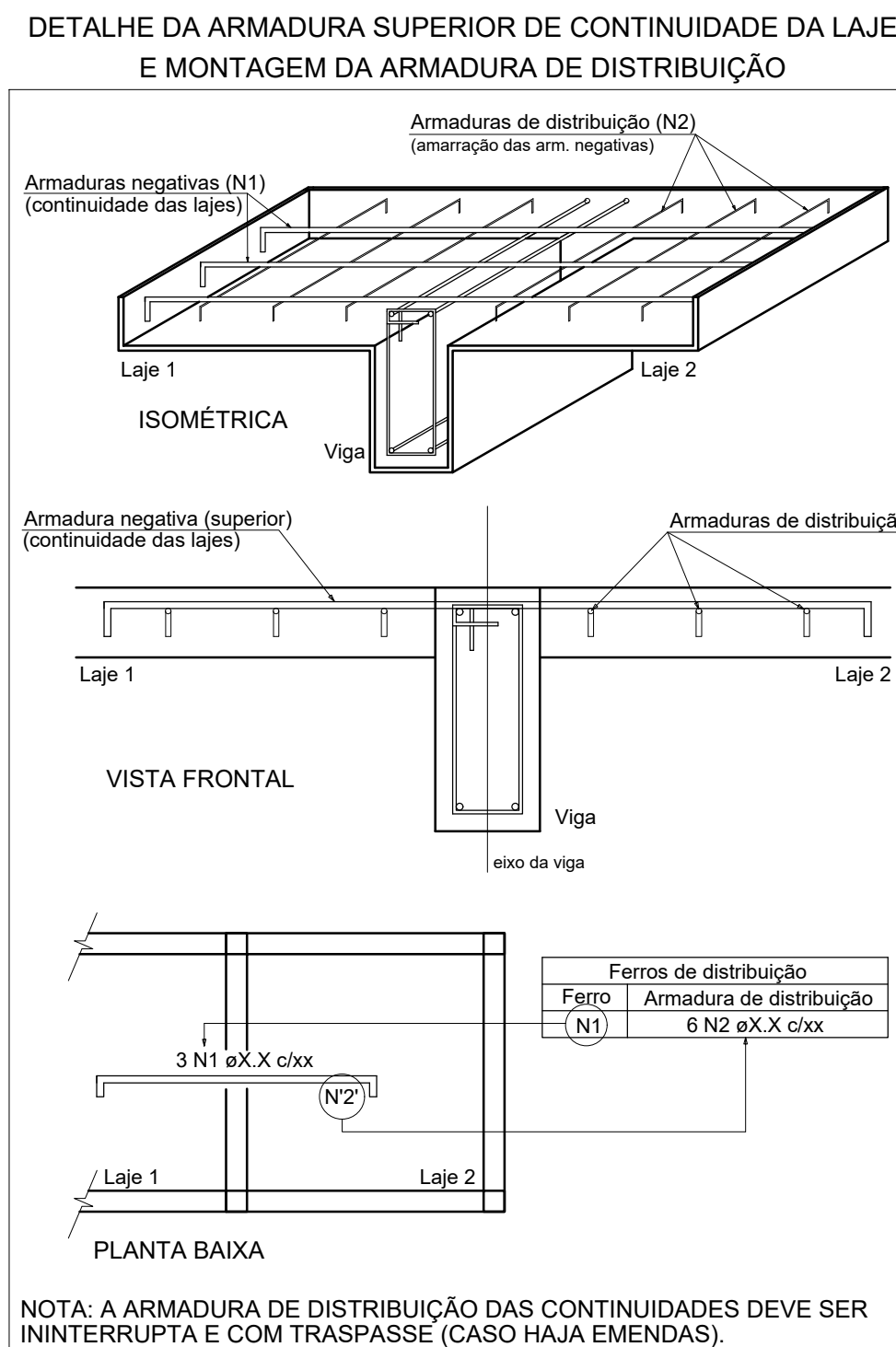
Armaduras de distribuição	
Armadura	Armadura de distribuição
N85	28 N1 a5.0 c/20 C=93
N31	51 N1 a5.0 c/20 C=93
N86	46 N1 a5.0 c/20 C=93
N32	28 N2 a5.0 c/20 C=285
N33	20 N2 a5.0 c/20 C=285
N87	30 N2 a5.0 c/20 C=115
N32	28 N2 a5.0 c/20 C=285
N34	7 N4 a5.0 c/20 C=255
N88	28 N3 a5.0 c/20 C=315
N84	33 N5 a5.0 c/17 C=130
N32	28 N6 a5.0 c/20 C=270
N32	28 N9 a5.0 c/20 C=303
N38	12 N9 a5.0 c/20 C=303
N32	28 N9 a5.0 c/20 C=303
N102	48 N10 a5.0 c/16 C=VAR
N104	114 N10 a5.0 c/16 C=VAR
N85	42 N10 a5.0 c/17 C=VAR



NOTA: A ARMADURA DE DISTRIBUIÇÃO DAS CONTINUIDADES DEVE SER ININTERRUPTA E COM TRASPASSE (CASO HAJA EMENDAS).

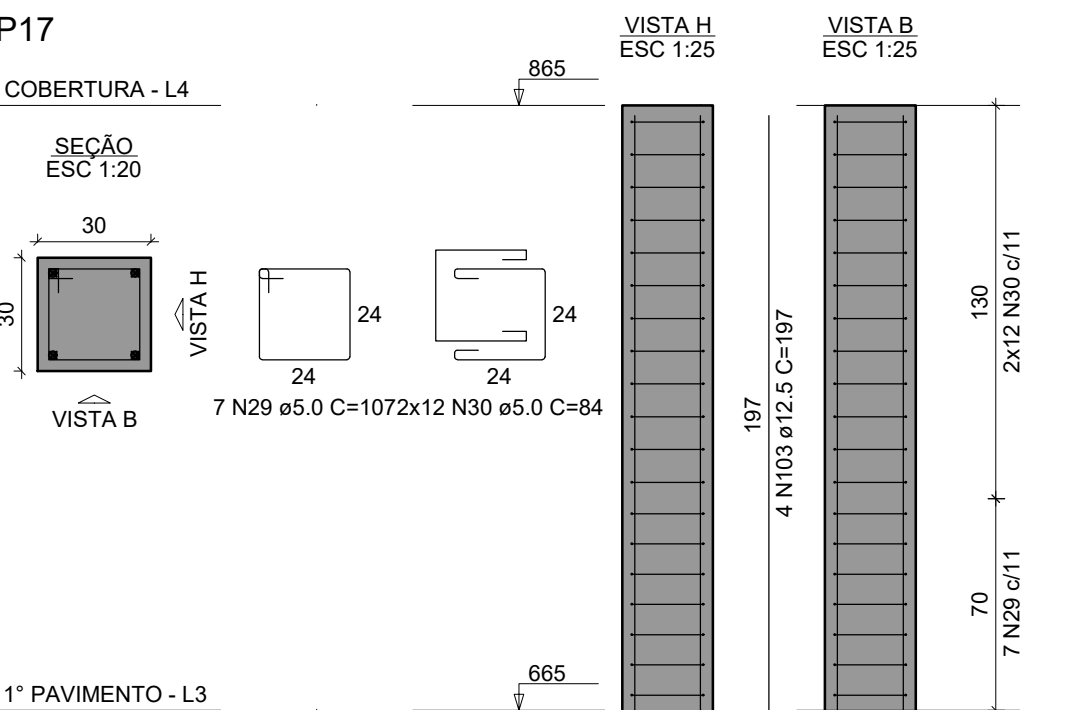
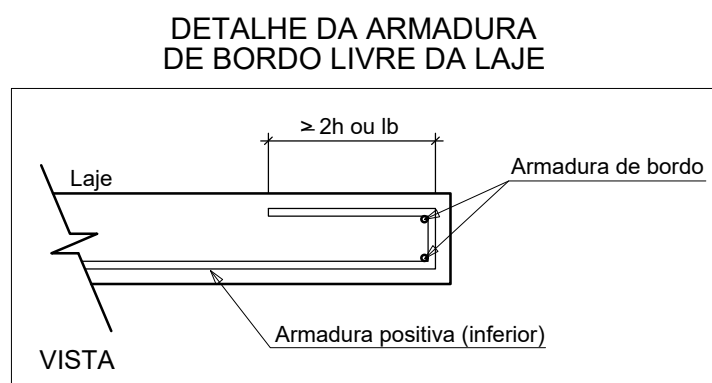
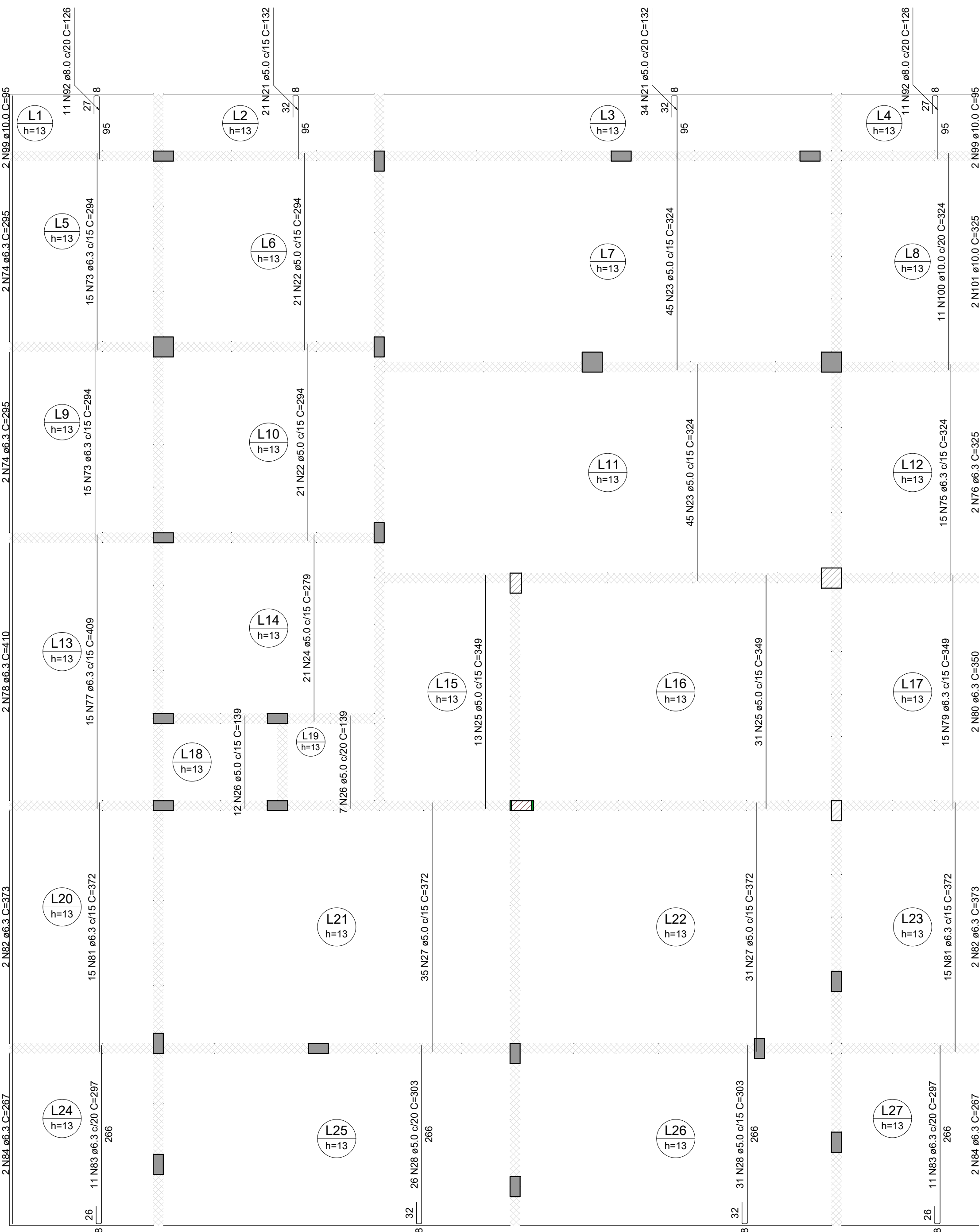
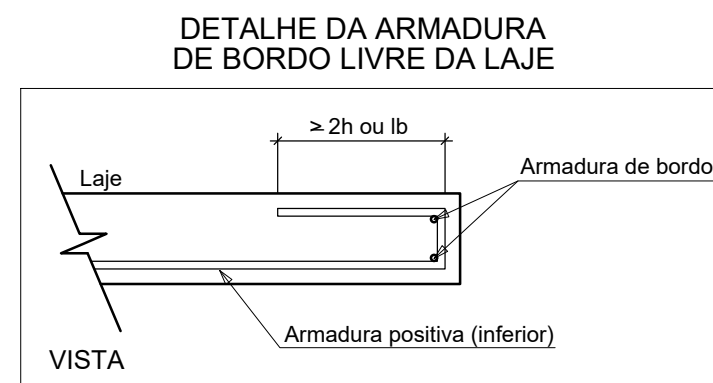
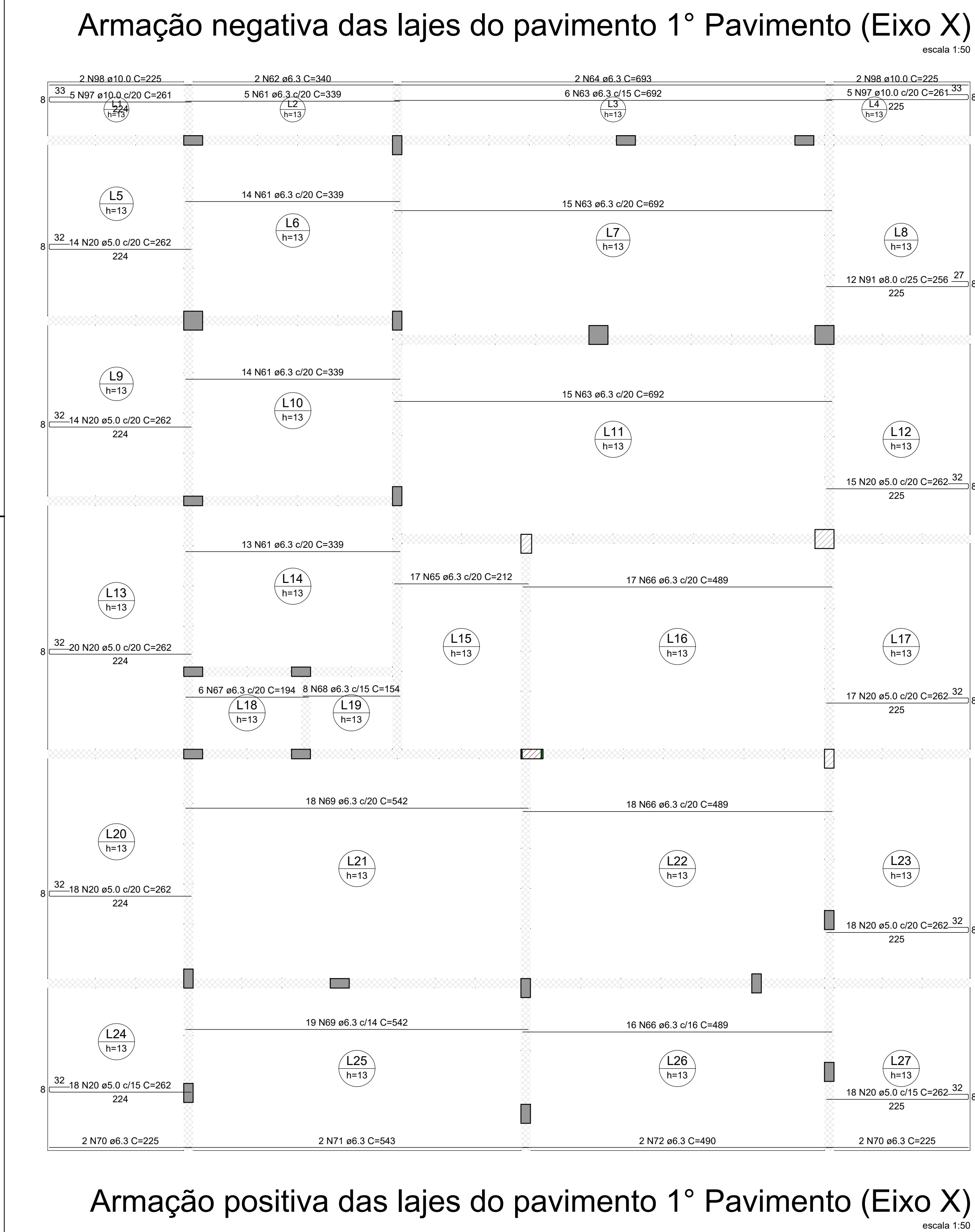


Armaduras de distribuição	
Armadura	Armadura de distribuição
N39	19 N11 a5.0 c/20 C=223
N40	12 N12 a5.0 c/20 C=330
N85	12 N13 a5.0 c/20 C=883
N41	21 N11 a5.0 c/20 C=223
N42	29 N11 a5.0 c/20 C=223
N47	10 N12 a5.0 c/20 C=330
N48	19 N14 a5.0 c/20 C=203
N49	8 N15 a5.0 c/20 C=480
N50	33 N11 a5.0 c/20 C=223
N45	32 N11 a5.0 c/20 C=223
N51	39 N11 a5.0 c/20 C=223
N52	11 N16 a5.0 c/20 C=185
N53	11 N17 a5.0 c/20 C=145
N54	10 N14 a5.0 c/20 C=203
N55	10 N18 a5.0 c/20 C=240
N56	10 N18 a5.0 c/20 C=240
N57	36 N11 a5.0 c/20 C=223
N58	10 N16 a5.0 c/20 C=185
N59	33 N15 a5.0 c/20 C=333
N60	32 N11 a5.0 c/20 C=223



NOTA: A ARMADURA DE DISTRIBUIÇÃO DAS CONTINUIDADES DEVE SER ININTERRUPTA E COM TRASPASSE (CASO HAJA EMENDAS).

RELAÇÃO DO AÇO																			
Negativos X-L3		Negativos Y-L3		Positivos X-L3		Positivos Y-L3													
CAO	N	DIAM	QUANT	C.LIMIT	C.TOTAL	CAO	N	DIAM	QUANT	C.LIMIT	C.TOTAL								
CA60	1	6.0	125	93	11625	CA60	1	6.0	125	93	11625								
	2	6.0	75	285	21860		2	6.0	75	285	21860								
	3	6.0	58	315	18270		3	6.0	58	315	18270								
	4	6.0	21	395	8360		4	6.0	21	395	8360								
	5	6.0	45	130	5860		5	6.0	45	130	5860								
	6	6.0	29	270	7560		6	6.0	29	270	7560								
	7	6.0	3	210	630		7	6.0	3	210	630								
	8	6.0	43	340	14650		8	6.0	43	340	14650								
	9	6.0	68	363	24684		9	6.0	68	363	24684								
	10	6.0	204	VAR	12548		10	6.0	204	VAR	12548								
CA50	11	5.0	308	223	68844	CA50	11	5.0	308	223	68844								
	12	5.0	29	330	9570		12	5.0	29	330	9570								
	13	5.0	23	683	15709		13	5.0	23	683	15709								
	14	5.0	23	203	4669		14	5.0	23	203	4669								
	15	5.0	41	480	19680		15	5.0	41	480	19680								
	16	5.0	21	185	3885		16	5.0	21	185	3885								
	17	5.0	21	145	3045		17	5.0	21	145	3045								
	18	5.0	20	240	4800		18	5.0	20	240	4800								
	19	5.0	33	533	17889		19	5.0	33	533	17889								
	20	5.0	152	264	39854		20	5.0	152	264	39854								
RESUMO DO AÇO																			
CAO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)																
CA60	6.3	4245.7	1038.9	CA60	6.3	4245.7	1038.9	CA60	6.3	4245.7	1038.9								
	8.0	703.8	207.3		8.0	703.8	207.3		8.0	703.8	207.3								
	10.0	349.8	215.5		10.0	349.8	215.5		10.0	349.8	215.5								
	12.5	107.5	103.5		12.5	107.5	103.5		12.5	107.5	103.5								
	16.0	133.6	210.9		16.0	133.6	210.9		16.0	133.6	210.9								
	5.0	4623.1	717		5.0	4623.1	717		5.0	4623.1	717								
PESO TOTAL (kg)				PESO TOTAL (kg)				PESO TOTAL (kg)											
CA60				CA60				CA60											
1886.3				1886.3				1886.3											
717				717				717											
Volume de concreto (C-30) = 29.71 m³																			
Área de forma = 237.72 m²																			



Armação positiva das lajes do pavimento 1º Pavimento (Eixo Y)