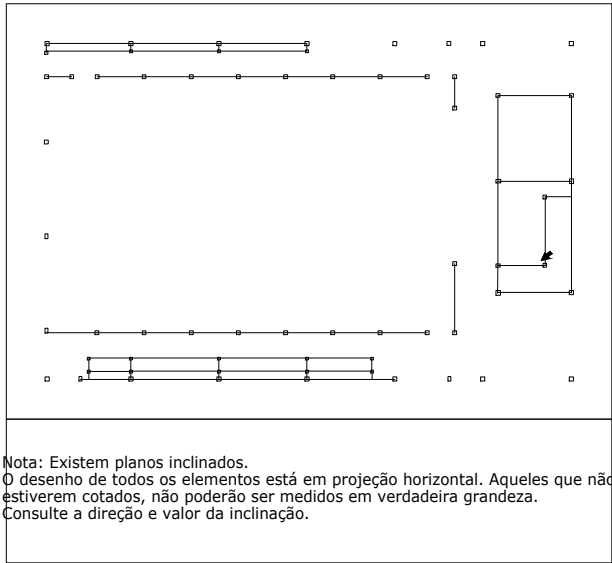
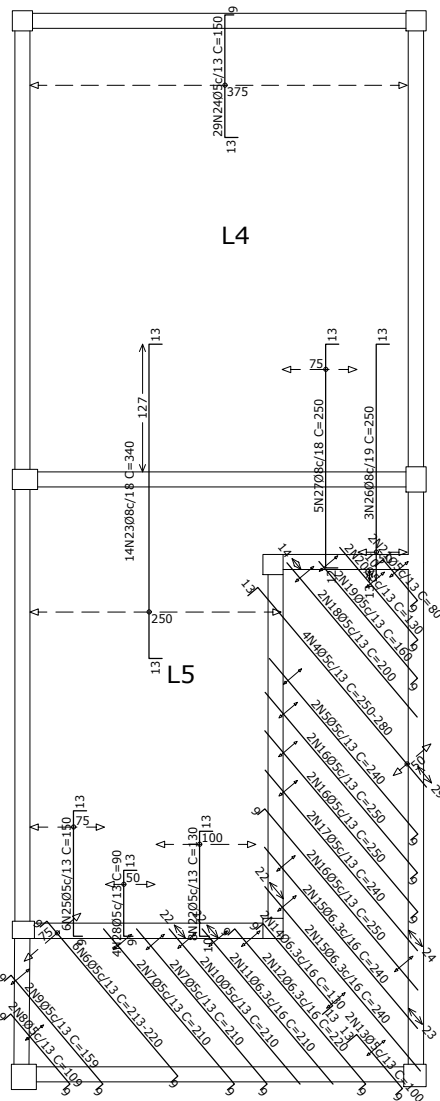
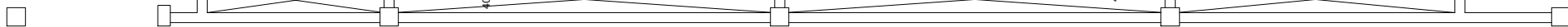
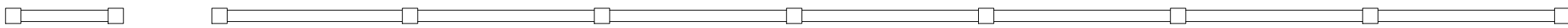
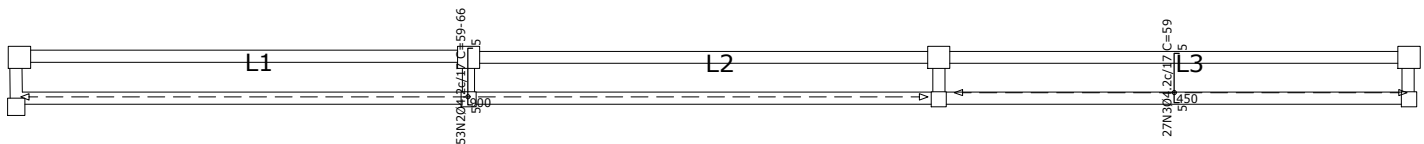


Resumo Aço			
Nível Palco / Arqbancada 1 (0.63m)			
Armadura transversal superior			
CA-50	Ø6.3	20.8	6
	Ø8	67.6	29
CA-60	Ø4.2	123.4	15
	Ø5	146.1	25
Total			75



Nível Palco / Arqbancada 1 (0.63m)
Armadura transversal superior
Concreto: C30, em geral
CA-50 e CA-60
Escala: 1:75

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
Armadura transversal superior	1	Ø4.2	88	5	76	5	86	7568		8.3
	2	Ø4.2	53	5	VAR.	5	VAR.	3180		3.5
	3	Ø4.2	27	5	49	5	59	1593		1.7
	4	Ø5	4	13	VAR.		VAR.	1060		1.7
	5	Ø5	2	9	231		240	480		0.8
	6	Ø5	6	9	VAR.	9	VAR.	1308		2.1
	7	Ø5	4	9	201		210	840		1.3
	8	Ø5	2	9	91	9	109	218		0.3
	9	Ø5	2	9	141	9	159	318		0.5
	10	Ø5	2		210		210	420		0.7
	11	Ø6.3	2	9	210		210	420	1.0	
	12	Ø6.3	2	9	202	9	220	440	1.1	
	13	Ø5	2	9	78	13	100	200		0.3
	14	Ø6.3	2	13	108	9	130	260	0.6	
	15	Ø6.3	4		240		240	960	2.4	
	16	Ø5	6	9	241		250	1500		2.4
	17	Ø5	2		240		240	480		0.8
	18	Ø5	2		200		200	400		0.6
	19	Ø5	2	9	151		160	320		0.5
	20	Ø5	2	9	121		130	260		0.4
	21	Ø5	2	9	61	10	80	160		0.3
	22	Ø5	8	10	107	13	130	1040		1.6
	23	Ø8	14	13	314	13	340	4760	18.8	
	24	Ø5	29	13	128	9	150	4350		6.8
	25	Ø5	6	9	128	13	150	900		1.4
	26	Ø8	3	13	237		250	750	3.0	
	27	Ø8	5	12	225	13	250	1250	4.9	
	28	Ø5	4	9	68		90	360		0.6
Total+10%:									35.0	40.3
									Ø4.2:	0.0
									Ø5:	0.0
									Ø6.3:	5.6
									Ø8:	29.4
									Total:	35.0

REVISÕES				PROJETO ESTRUTURAL EM CONCRETO ARMADO		
REV	POR	DATA	DESCRIÇÃO	E.M CASSIO VIEIRA MARQUES		
00	00	00		ENDEREÇO : BAIRRO GRAMA JUIZ DE FORA-MG		
				IDETALHEMNETO DE ARMADURAS DE LAJES.		
				AUTOR:	SECRETÁRIA:	AUTOR:
				ARQ. VIVIANE CATTEM MORENO CAL/ES: A158072/8	ENG. CARLOS RENATO PRÚCOLI CREA/ ES: 031715/D	ENG. CLAYTON MONTANARO CREA/ ES: 047798/D