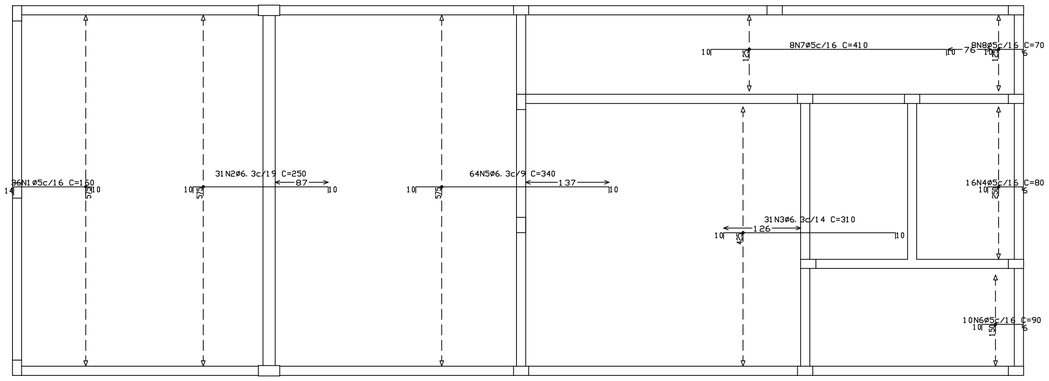
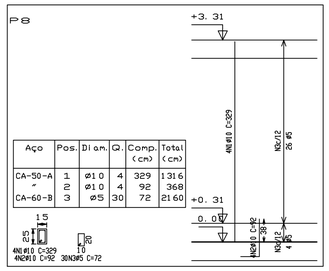




Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)
CA-50-A	1	ø10	4	329	1316
"	2	ø10	4	92	368
CA-60-B	3	ø5	30	72	2160

Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50-A (kg)	CA-60-B (kg)
Armadura longitudinal superior	1	ø5	36	14	136	10	160	5760		9.0
	2	ø6.3	31	10	230	10	250	7750	19.2	
	3	ø6.3	31	10	290	10	310	9610	23.8	
	4	ø5	16	10	64	6	80	1280		2.0
	5	ø6.3	64	10	320	10	340	21760	53.8	
	6	ø5	10	10	74	6	90	900		1.4
	7	ø5	8	10	390	10	410	3280		5.1
	8	ø5	8	10	54	6	70	560		0.9
							Total		106.5	20.2
								+10%		
Armadura transversal superior	9	ø5	49	6	134	10	150	7350		11.5
	10	ø5	24	10	184	6	200	4800		7.5
	11	ø5	29	6	284	10	300	8700		13.7
	12	ø5	29	10	234	6	250	7250		11.4
	13	ø5	25	10	134	6	150	3750		5.9
	14	ø5	21	6	64	10	80	1680		2.6
	15	ø5	11	10	190	10	210	2310		3.6
	16	ø5	21	10	254	6	270	5670		8.9
	17	ø5	10	10	150	10	170	1700		2.7
	18	ø5	2	6	184		190	380		0.6
							Total			75.2
								+10%		
								ø5:	0.0	95.4
								ø6.3:	106.5	0.0
								Total:	106.5	95.4

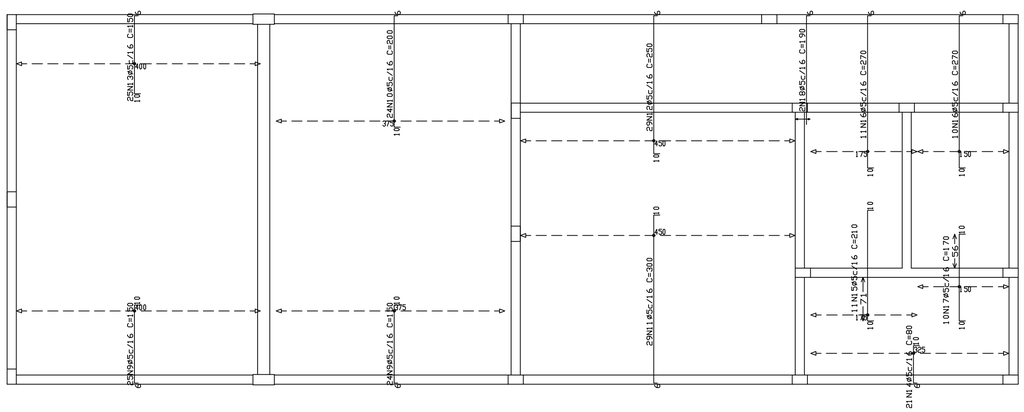
Resumo Aço Piso 2 Armadura transversal superior		Comp. total (m)	Peso+10% (kg)
CA-60-B	ø5	435.9	75

Resumo Aço Piso 2 Armadura longitudinal superior		Comp. total (m)	Peso+10% (kg)	Total
CA-50-A	ø6.3	391.2	106	106
CA-60-B	ø5	117.8	20	20
Total				126

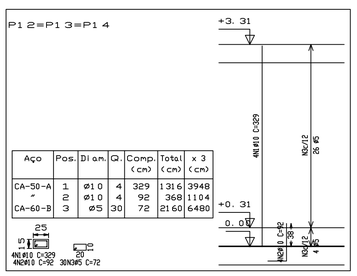
Pilares que terminam em Piso 2
Concreto: C25, em geral
Aço: CA-50-A e CA-60-B
Escala: 1:50

Piso 2
Armadura transversal superior
Concreto C25, em geral
CA-50-A e CA-60-B
Escala: 1:50

Piso 3
Armadura transversal inferior
Escala: 1:50



Piso 2
Armadura longitudinal superior
Concreto C25, em geral
CA-50-A e CA-60-B
Escala: 1:50



Aço	Pos.	Diam.	Q.	Comp. (cm)	Total (cm)	x 3 (cm)
CA-50-A	1	ø10	4	329	1316	3948
"	2	ø10	4	92	368	1104
CA-60-B	3	ø5	30	72	2160	6480

Projeto: AMPLIAÇAO DA SECRETARIA DE MEIO AMBIENTE	Data: 28/06/2023
Local: RUA MARINHO CAETANO LEAL	
Nome:	
	Planta: PROJETO ESTRUTURAL
Autor: ALLAN FELIPE DA SILVA PEREIRA	Des. no.: 04/06