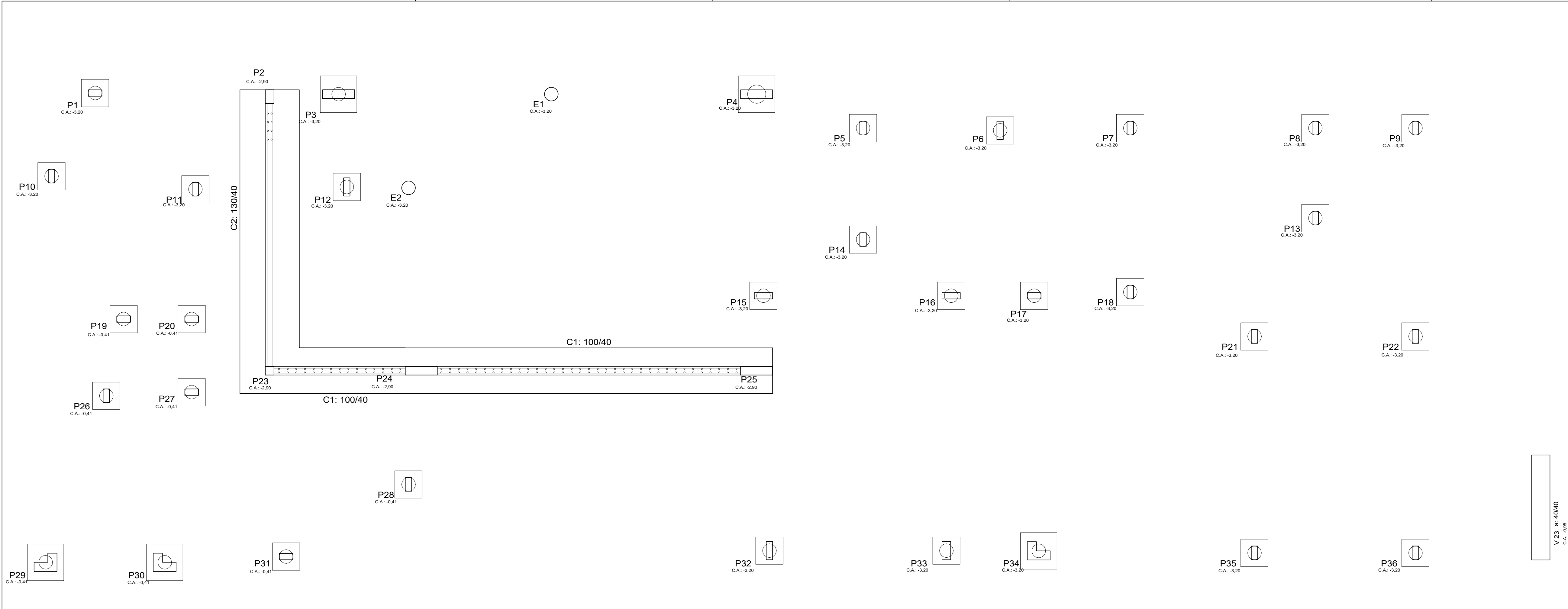


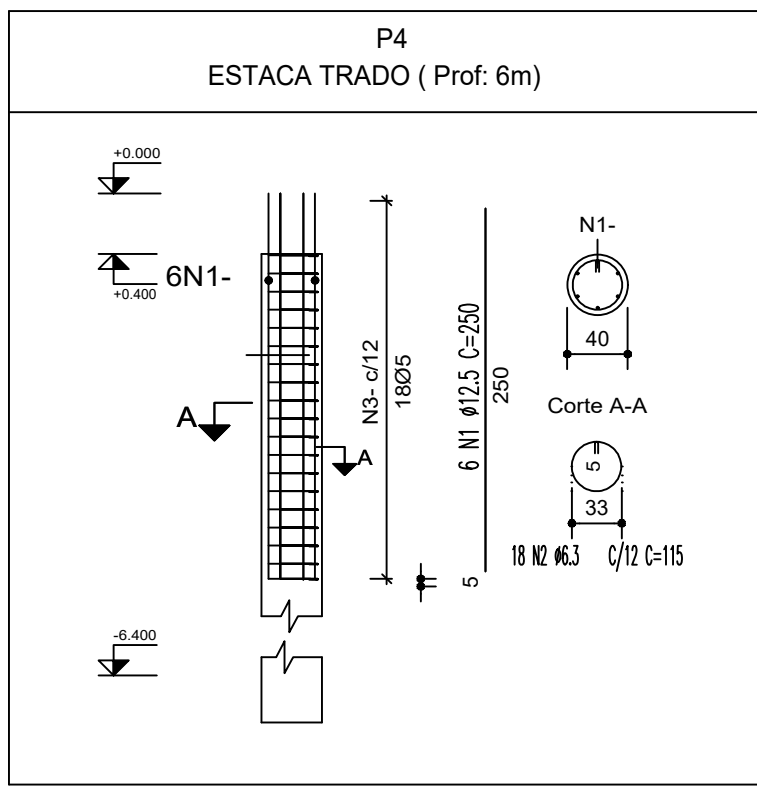
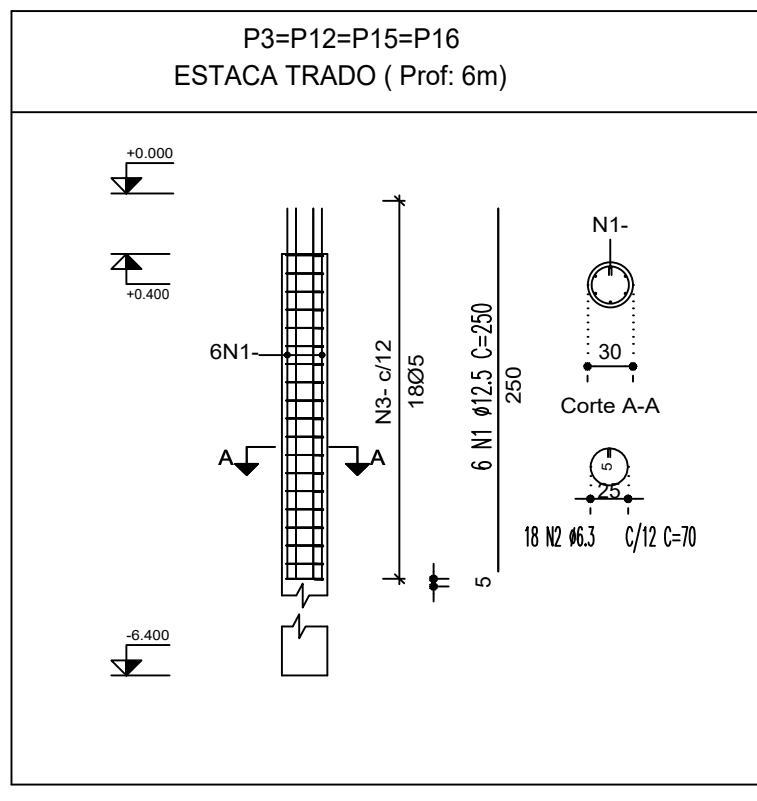
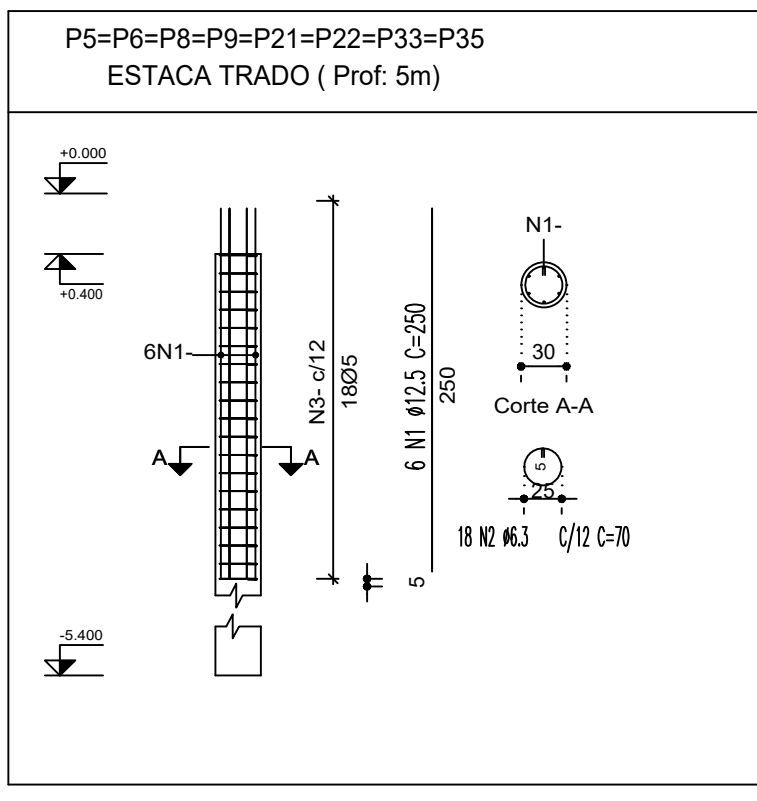
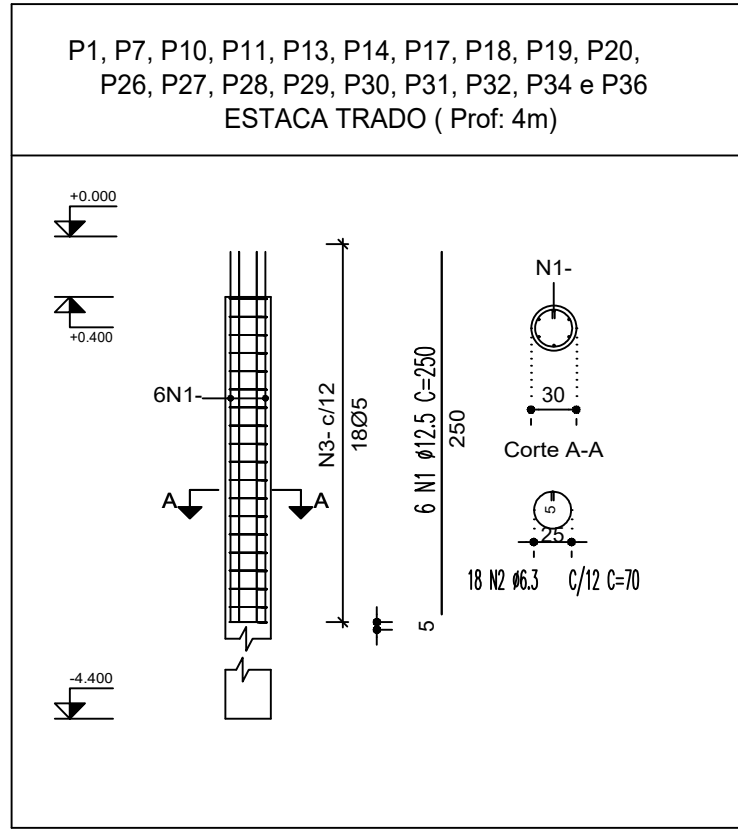
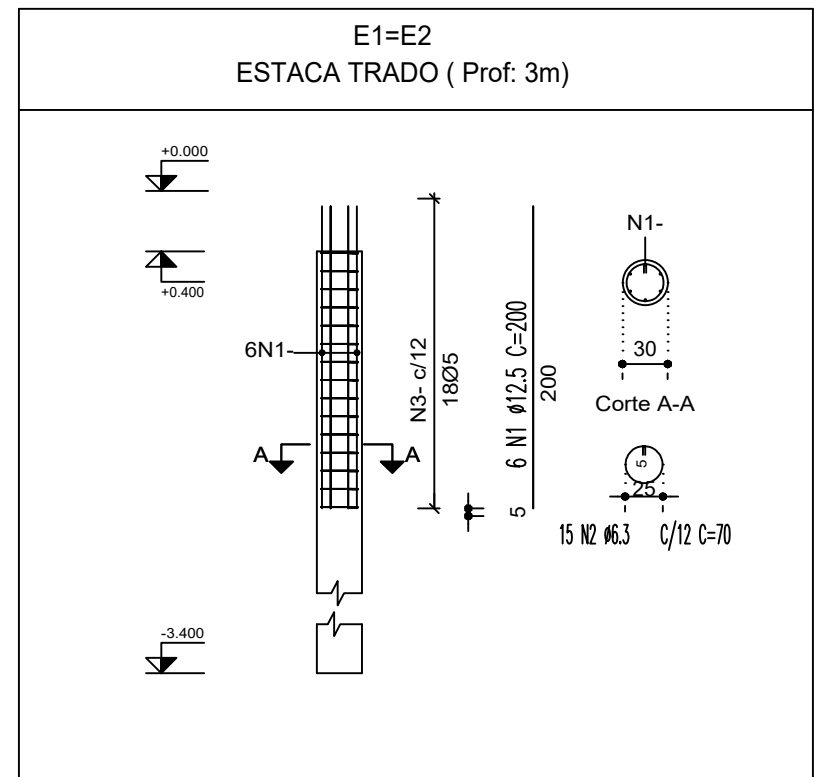
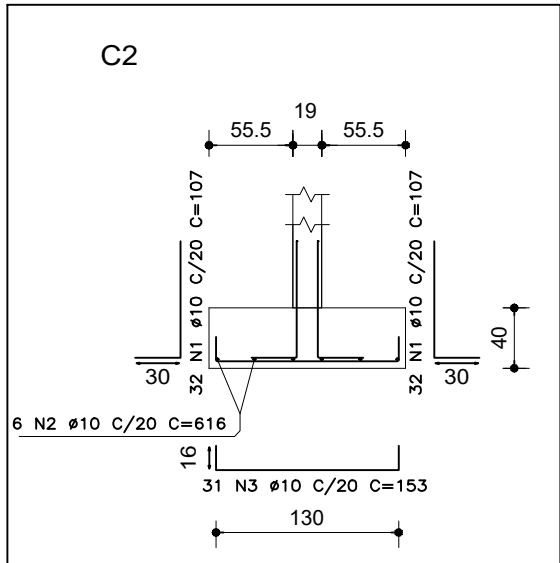
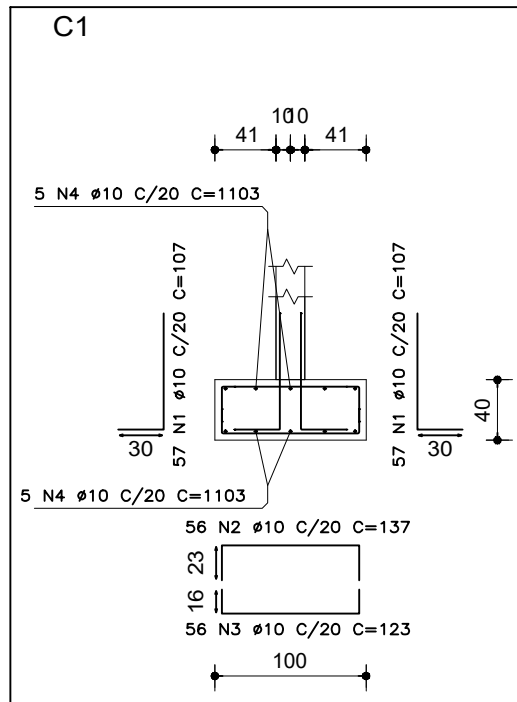
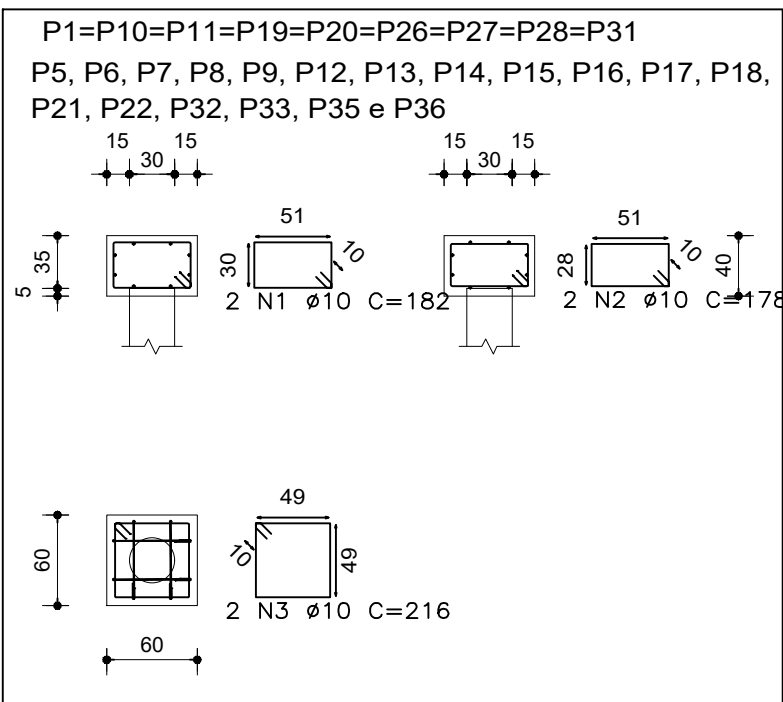
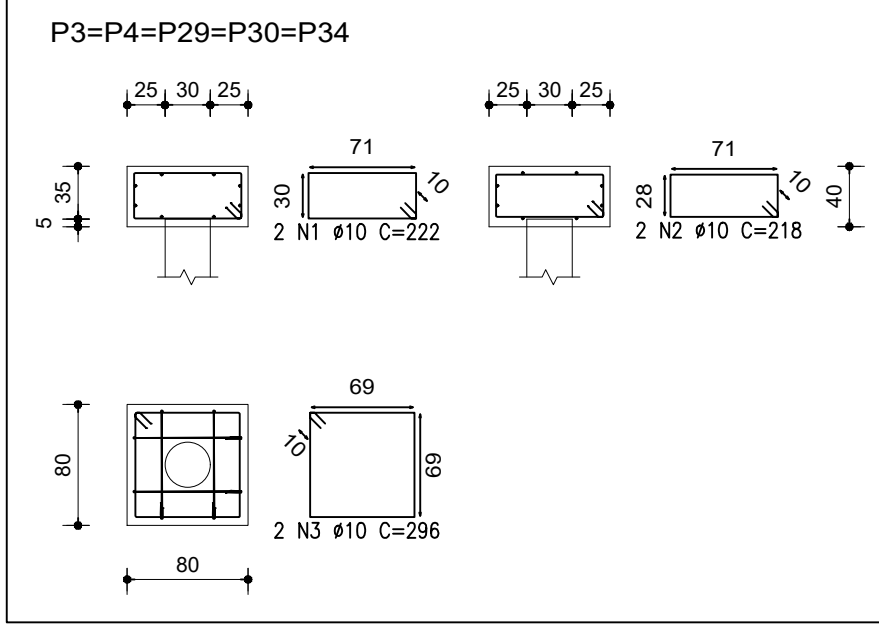


Elemento	Pos.	Bit.	Q.	Comp. (cm)	Total (cm)	CA-50A (kg)
P3=P4=P29=P30=P34	1	Ø10	2	222	444	2.79
	2	Ø10	2	218	436	2.74
	3	Ø10	2	296	592	3.72
	Total+10% (x5):					10.17
						50.84
E1=E2	1	Ø12.5	6	200	1200	11.78
	2	Ø6.3	15	70	1050	2.60
	Total+10% (x2):					15.81
P5=P6=P8=P9=P21=P22 P33=P35	1	Ø12.5	6	250	1500	14.72
	2	Ø6.3	18	70	1260	3.12
	Total+10% (x8):					19.62
P3=P12=P15=P16	1	Ø12.5	6	250	1500	14.72
	2	Ø6.3	18	70	1260	3.12
	Total+10% (x4):					19.62
P4	1	Ø12.5	6	250	1500	14.72
	2	Ø6.3	18	115	2070	5.12
	Total+10%:					21.82
C1	1	Ø10	114	107	12198	76.60
	2	Ø12.5	56	137	7672	75.28
	3	Ø12.5	56	123	6888	67.59
	4	Ø12.5	6	1103	6618	64.94
Total+10%:						312.85
C2	1	Ø10	64	107	6848	43.01
	2	Ø12.5	3	616	1848	18.13
	3	Ø12.5	3	153	4743	46.54
	Total+10%:					118.45
P1=P10=P11=P19=P20 P26=P27=P28=P31	1	Ø10	2	182	364	2.29
	2	Ø10	2	178	356	2.24
	3	Ø10	2	216	432	2.71
	Total+10% (x27):					7.96
P1=P7=P10=P11=P13 P14=P17=P18=P32=P34 P36	1	Ø12.5	6	250	1500	14.72
	2	Ø6.3	18	70	1260	3.12
	Total+10% (x19):					19.62
						372.74
	Ø6.3:					117.59
	Ø10:					397.28
	Ø12.5:					843.74
	TOTAL:					1358.60

V 23 a 40/40
CA: -3.20

Fundação

ESC 1:50



- NOTAS
- 1- Concreto Fck 30 MPa na fundação
 - 2- Concreto Fck 25 MPa em pilares, vigas e lajes
 - 3 - Ao executar as formas, verificar a existência de lajes rebaixadas em relação ao nível indicado. Verificar os cortes.
 - 4 - Conferir sempre os níveis das lajes no projeto arquitetônico.
 - 5 - Em caso de dúvida consultar o Eng. calculista.
 - 6 - Sempre conferir as dimensões e níveis na arquitetura.
 - 7 - Consulte sempre o projeto arquitetônico.

ESTRUTURA EM 3D			
	1	22/02/22	EMISSÃO INICIAL
	REVISÃO	DATA	DESCRIÇÃO

		
PROJETO	A.R.T. Nº	ENDEREÇO OBRA
OBRA RESIDENCIAL		
RESPONSÁVEL TÉCNICO (A) ENG. GABRIEL V. GIBRAM		C.R.E.A 244.002/D
PRPRIETÁRIO (A)		
CONTEÚDO FUNDAÇÃO E MAPA DE CARGAS		PRANCHA 03