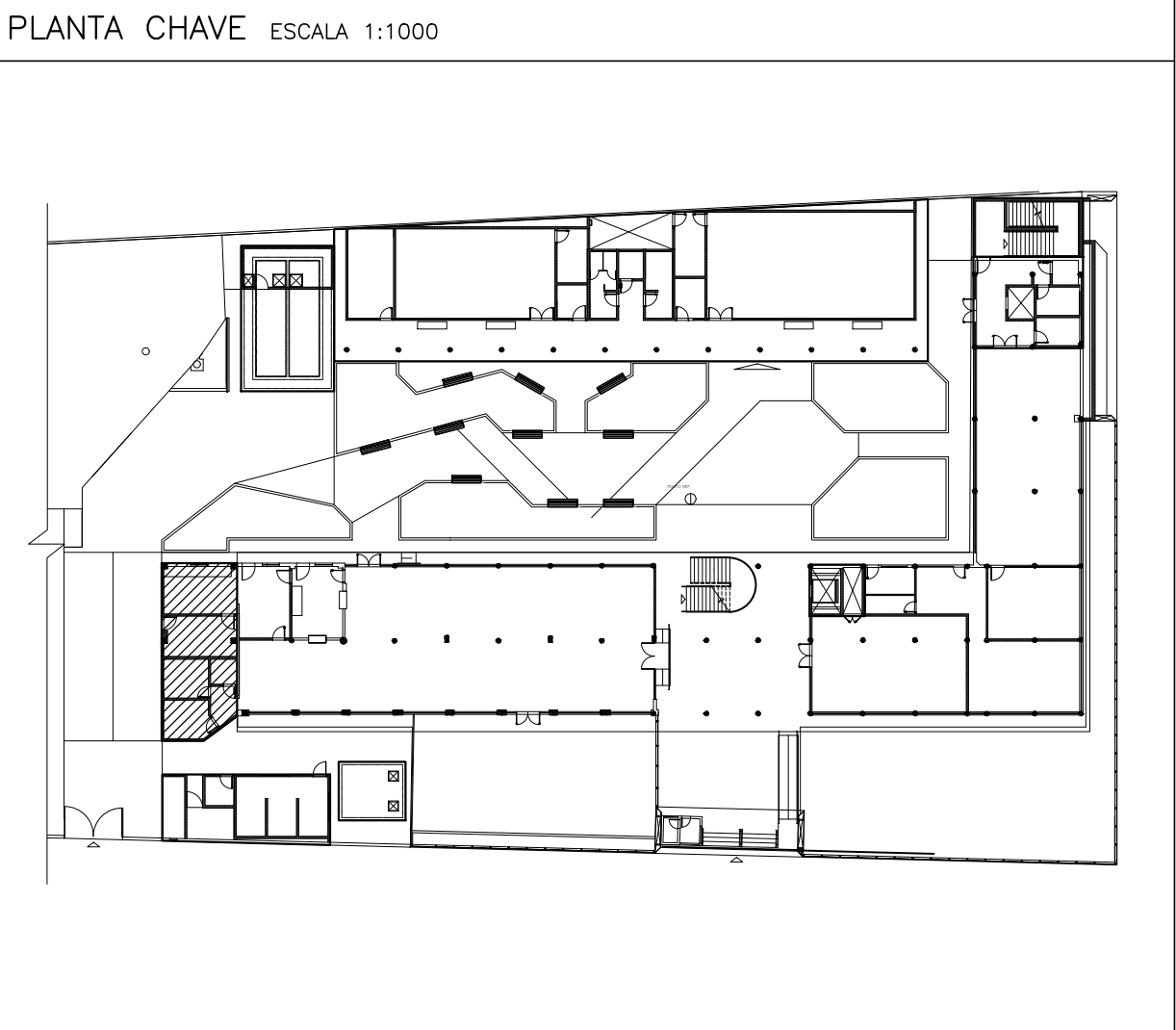
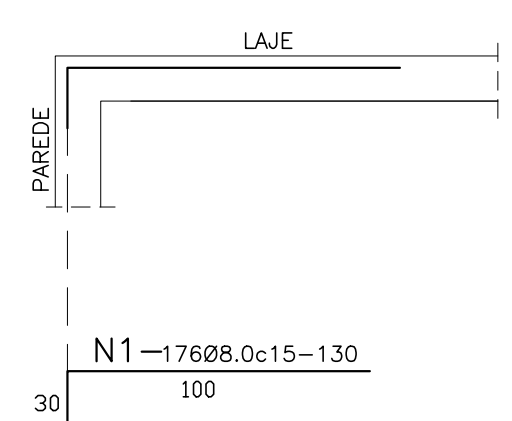
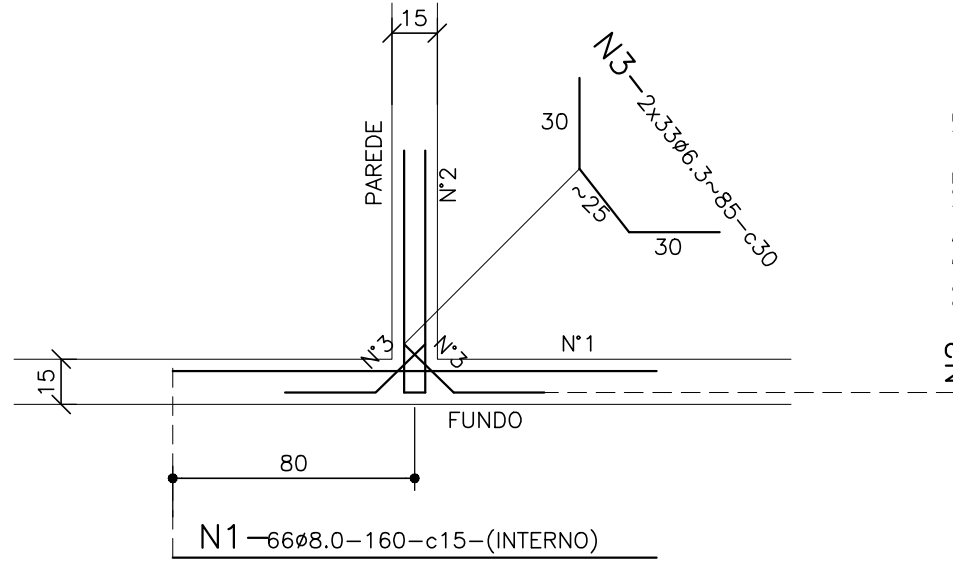
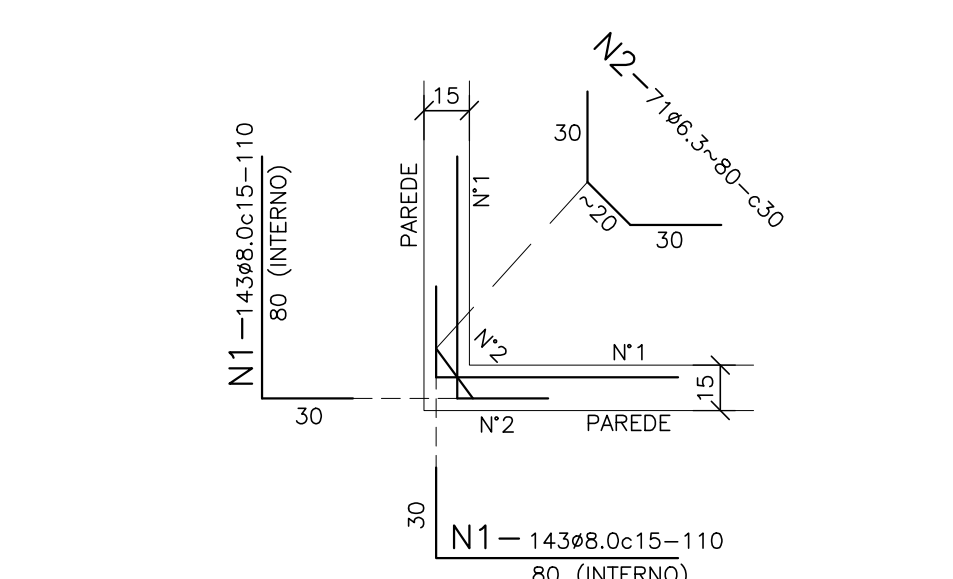
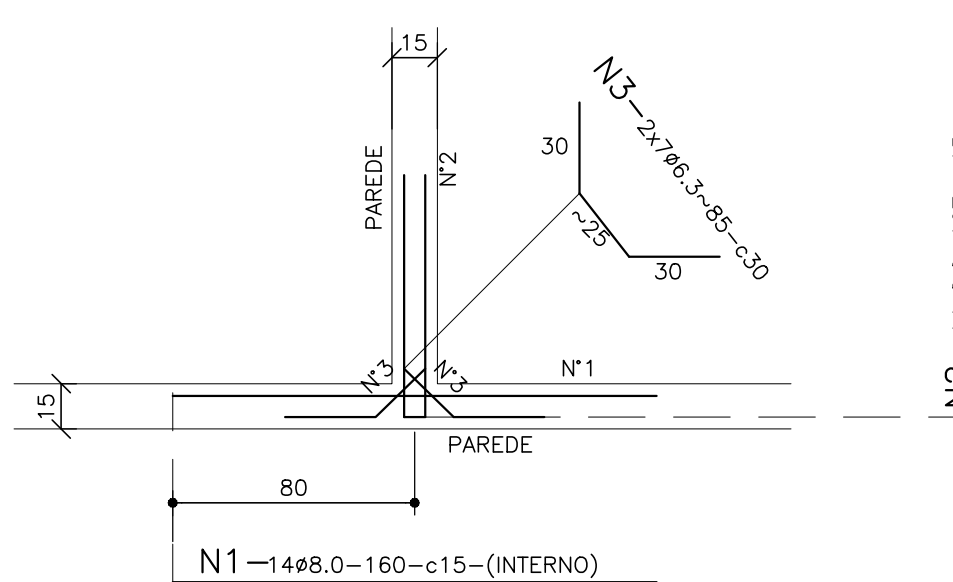
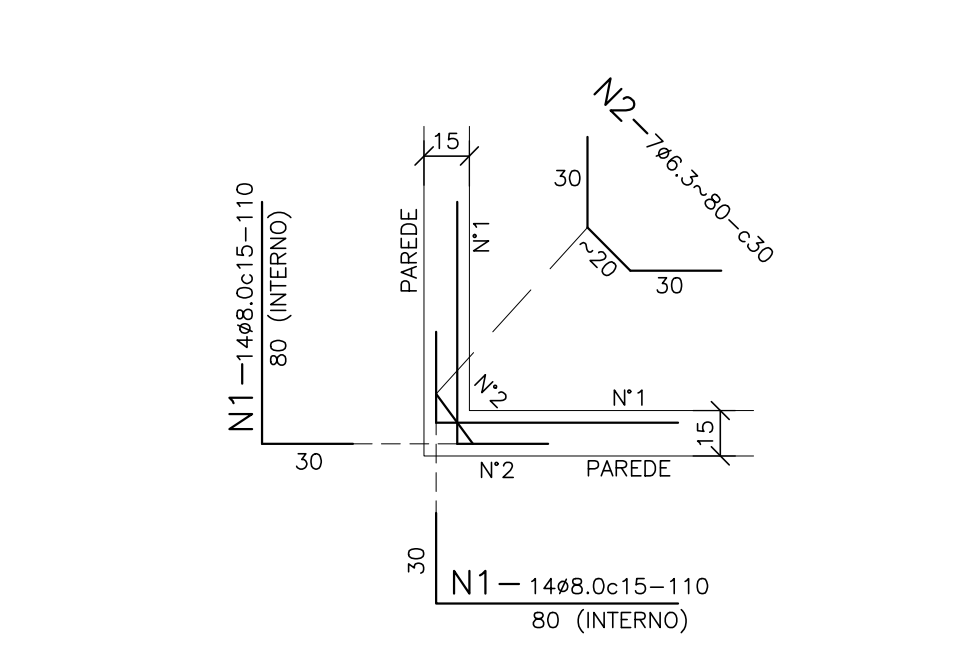
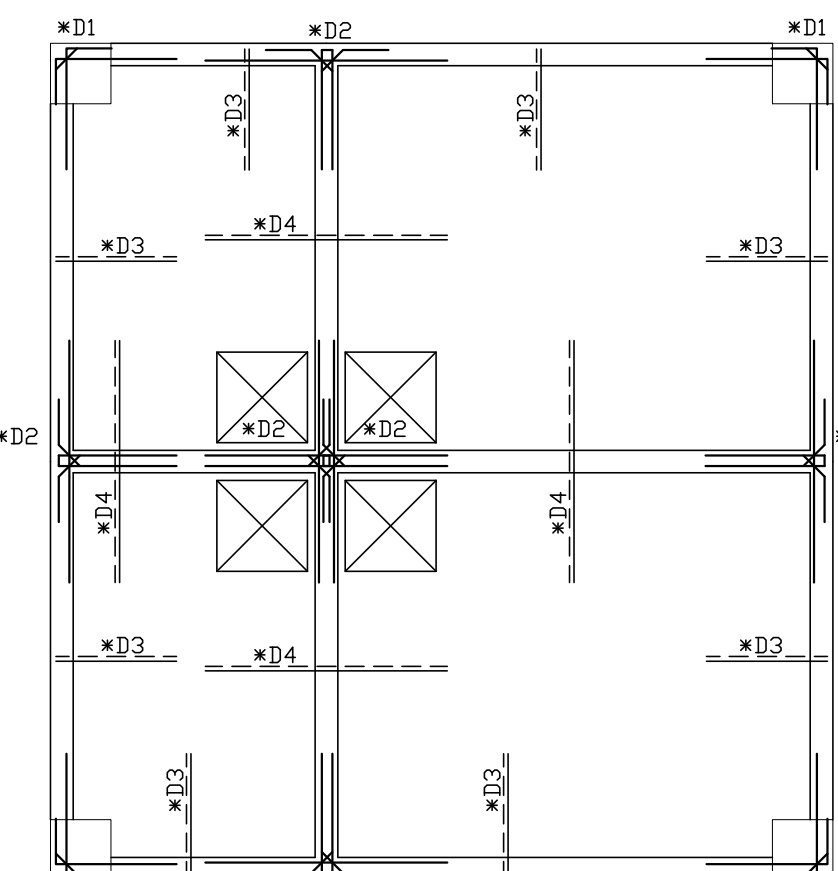
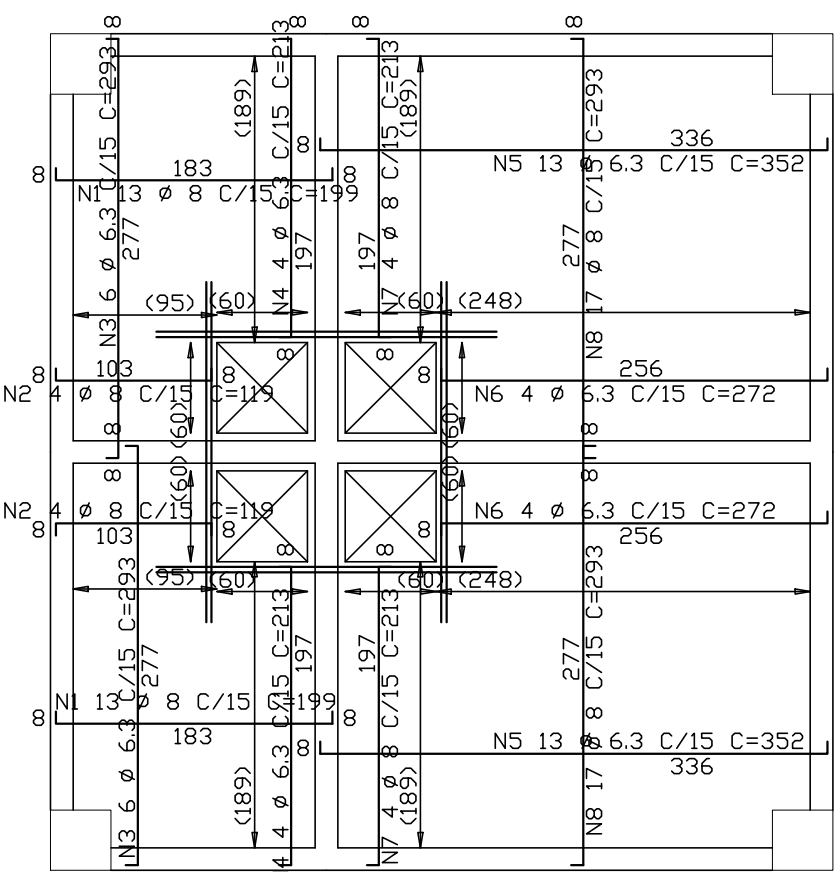
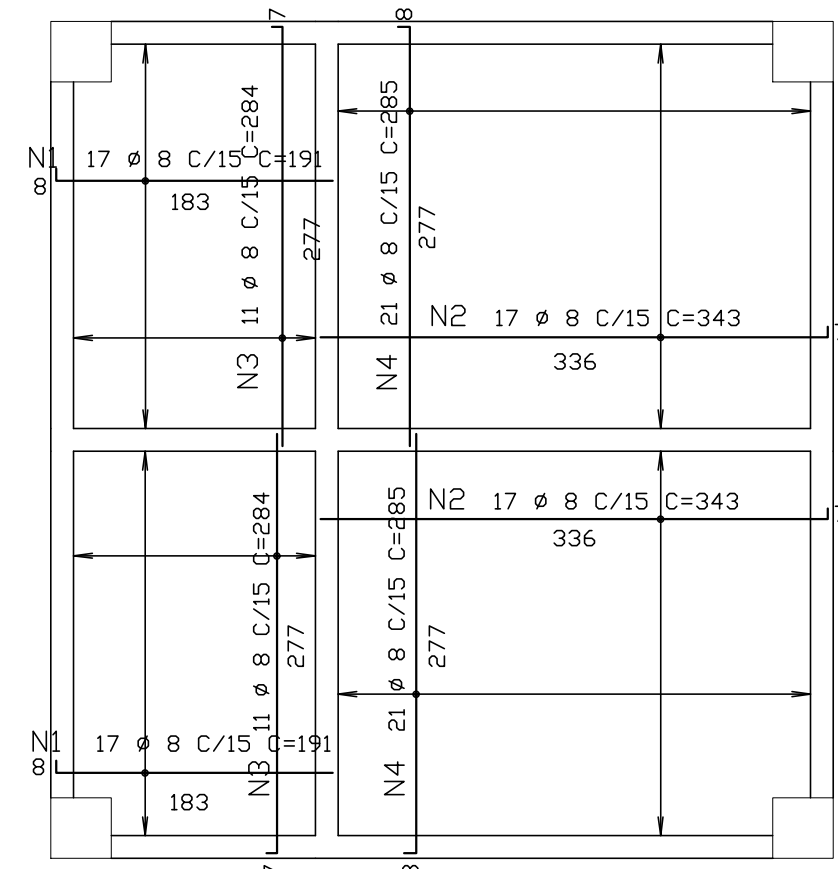
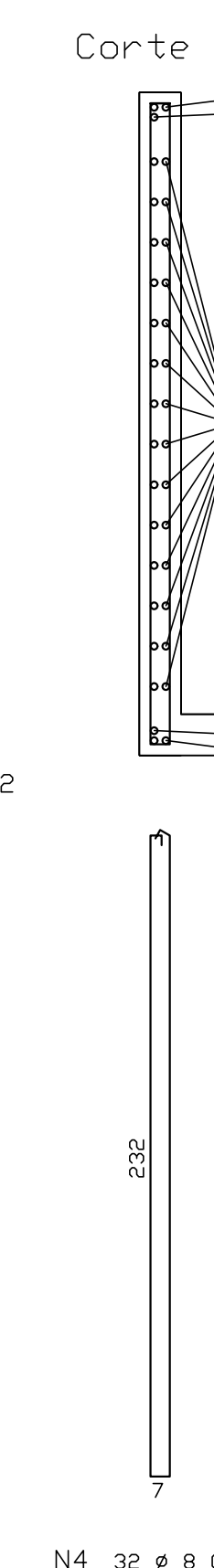
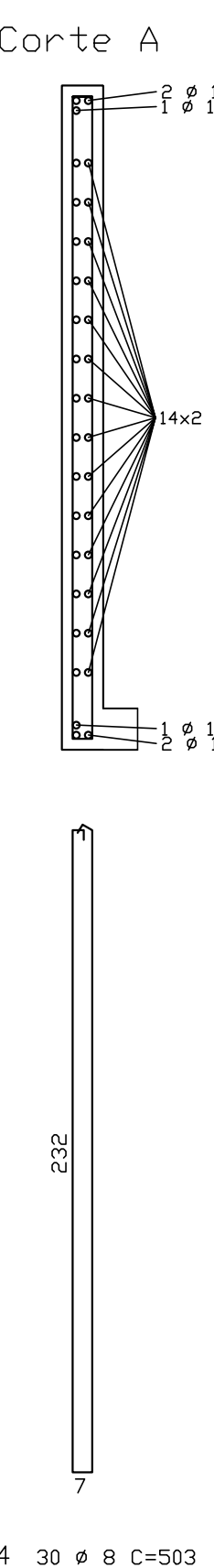
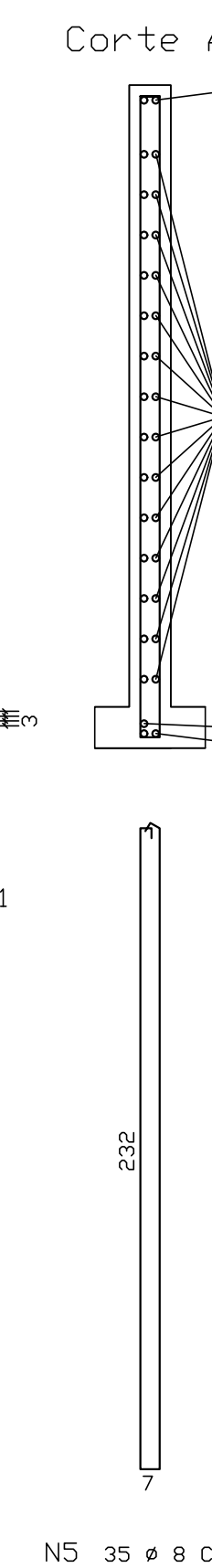
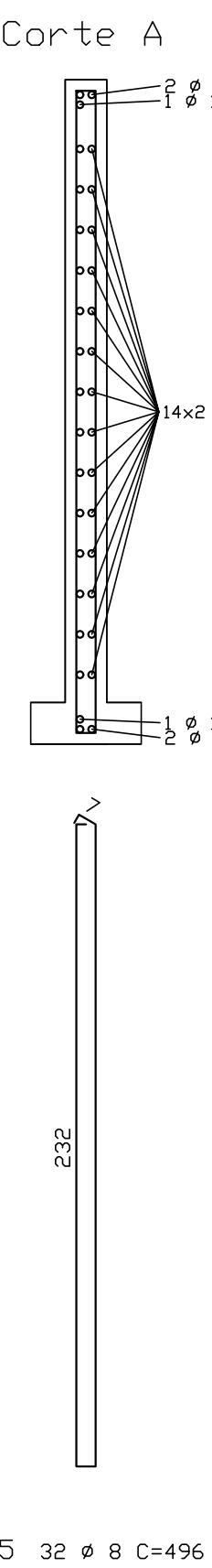
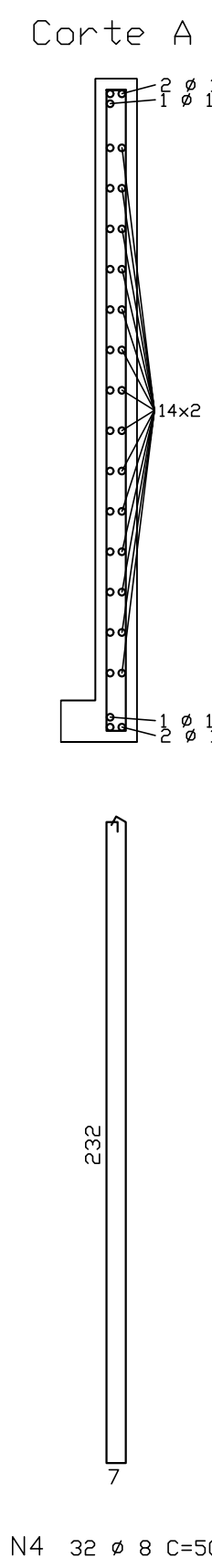
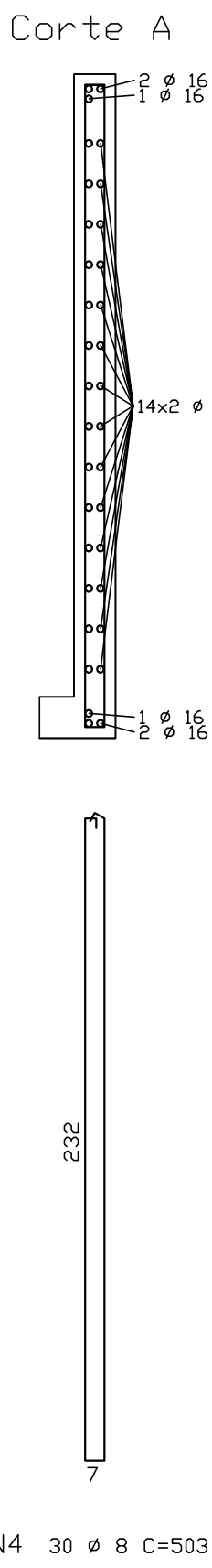


RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
50A	6,3	1275	313
50A	8	2657	1050
50A	10	44	28
50A	16	201	318
Peso Total		50A =	1709 kg



CONVENÇÕES:	
— — — — —	— ARMAÇÃO SUPERIOR (NEGATIVA)
— — — — —	— ARMAÇÃO INFERIOR (POSITIVA)
NOTAS:	
— $f_{ck} = 30 \text{ MPa};$	— MÓDULO DE ELASTICIDADE SECANTE:
— $\sigma/c = 0,50;$	$E_{cs} = 26071,59 \text{ MPa}$
— SLUMP: $10 \pm 2 \text{ cm};$	

09 REV	M6 POR	ABRIL/2019 DATA		EMISSÃO FINAL DESCRIÇÃO	
REVISÕES					
ASSINATURAS:					
PROPRIETÁRIO		PROJETO		CONSTRUÇÃO	
					
CONSTRUÇÃO					
RENFORÇO E AMPLIAÇÃO - SESC - DOCA					
(ENDEREÇO: RUA SENADOR MANOEL BARATA N° 1873 - BELEM - PA)					
SERVIÇO SOCIAL DO COMÉRCIO - SESC					
TIPO DA CONSTRUÇÃO: ASSISTENCIAL/COMERCIAL		PROJETO: ESTRUTURAL		PRONCHA: EST	
AUTOR DO PROJETO: ENFº MARCELO SANGUINETTI	DESENHISTA: GBM	ÁREA: TORRE DA ÁREA TÉCNICA ARMAÇÕES DO RES. SUPERIOR		RESPONSÁVEL TÉCNICO: ENFº MARCELO SANGUINETTI	
ESCALA: 1:50	DATA: ABRIL/2019	CÓDIGO DO PROJETO SESC DOCA_EST_PE_25_DVAR_R00.dwg		ETAPA: EXE	
EMPRESA: GBM		ENGENHEARIA E ARQUITETURA GEORGES MILCENT ARQUITETO		RESPONSÁVEL TÉCNICO: ENFº MARCELO SANGUINETTI PÓS-PROCESSAMENTO	