



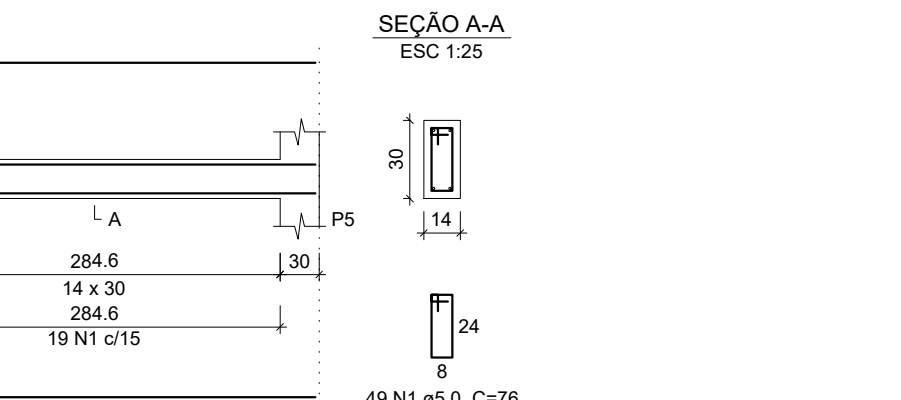
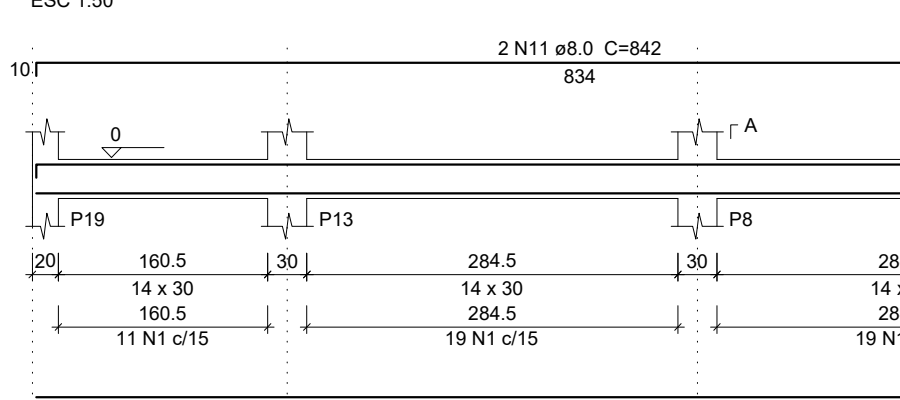







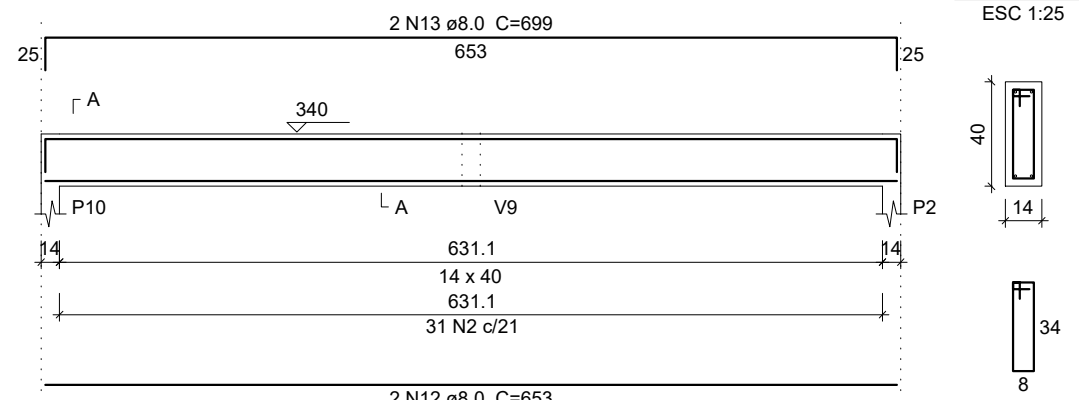
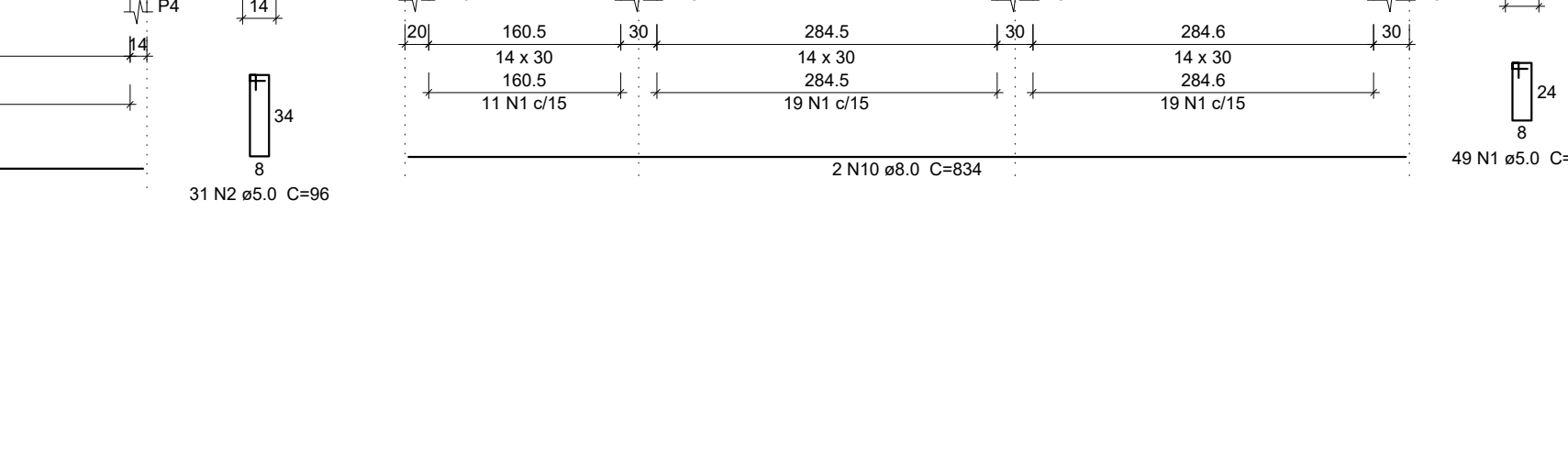
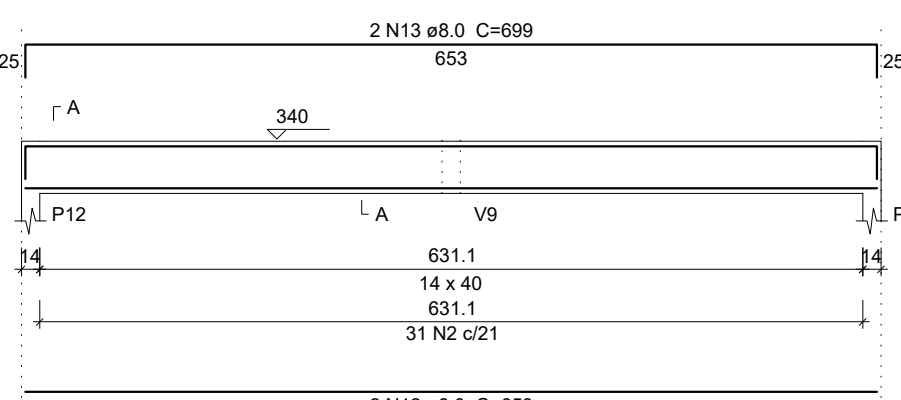
Legenda dos Pilares	
	Pilar que morre
	Pilar que passa
	Pilar que nasce
	Pilar com mudança de seção



AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	249	108
CA60	5.0	285	48,3
PESO TOTAL			
CA50	97.20		
CA60	43.47		

Forma do pavimento COBERTURA

Legenda dos Pilares		
	Pilar que morre	
	Pilar que passa	
	Pilar que não passa nem morre	



13	8.0	4	699	2795
14	8.0	2	697	1374

Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	305.2	121.8
CA60	5.0	344.6	58.4

PESO TOTAL	
CA50	120.52
CA60	53.06

Vol. de concreto total (C-25) = 3,34 m³
 Área da base total = 80,60 m²

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