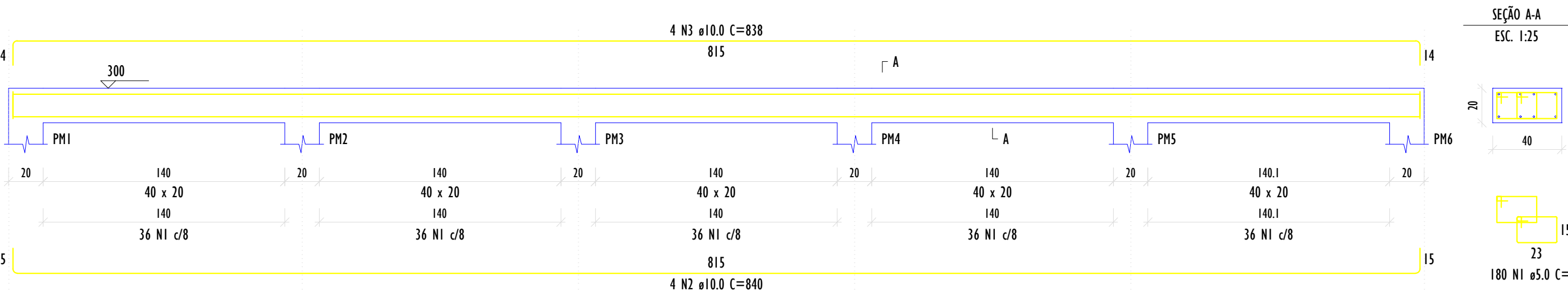
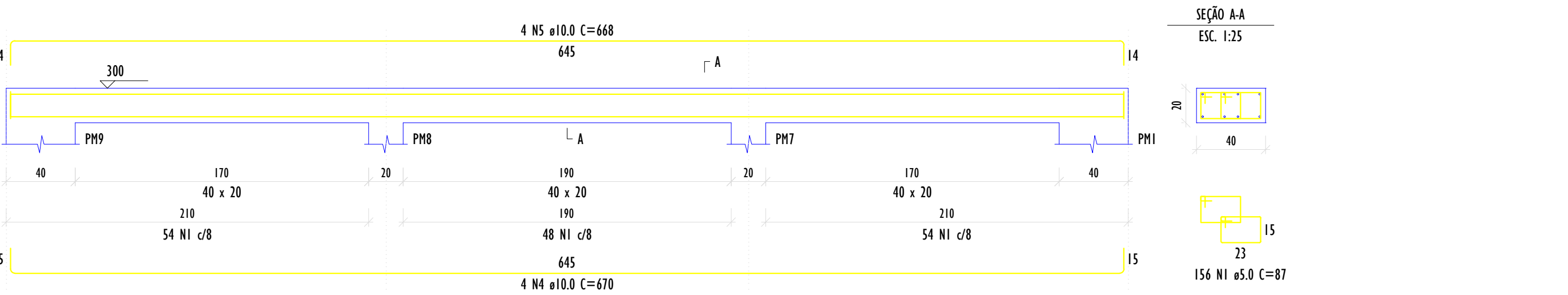


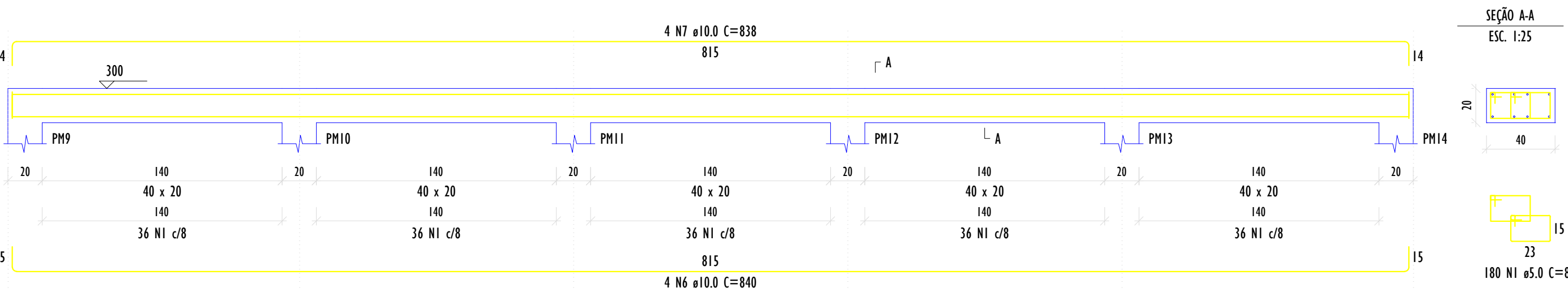
VM1 (40 x 20)



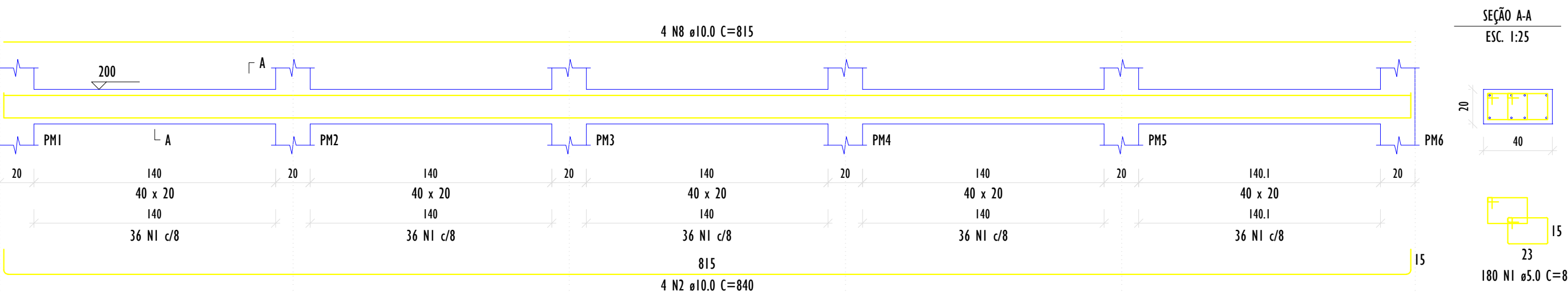
VM2 (40 x 20)



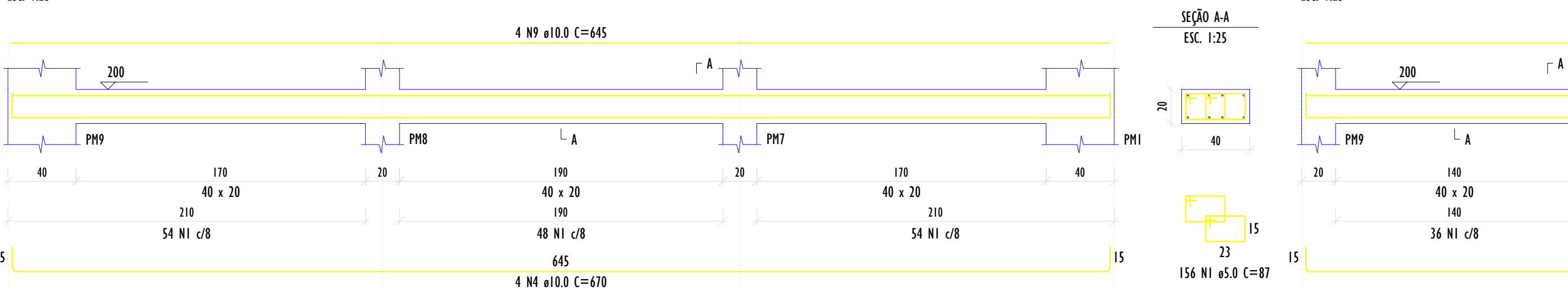
VM3 (40 x 20)



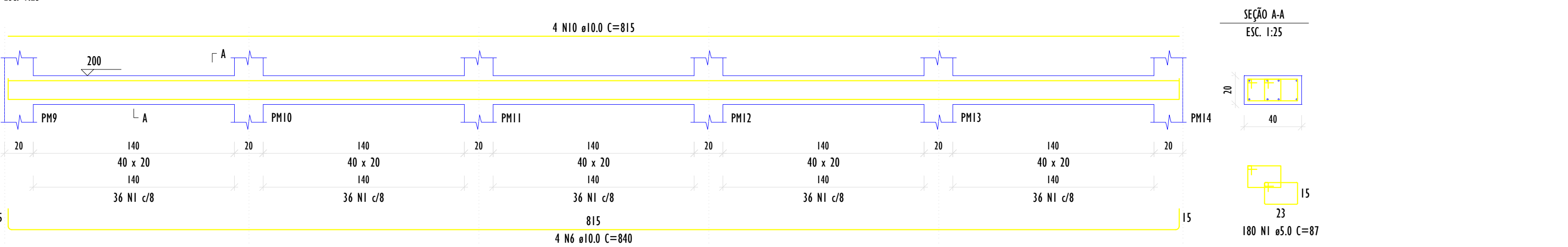
VM7 (40 x 20)



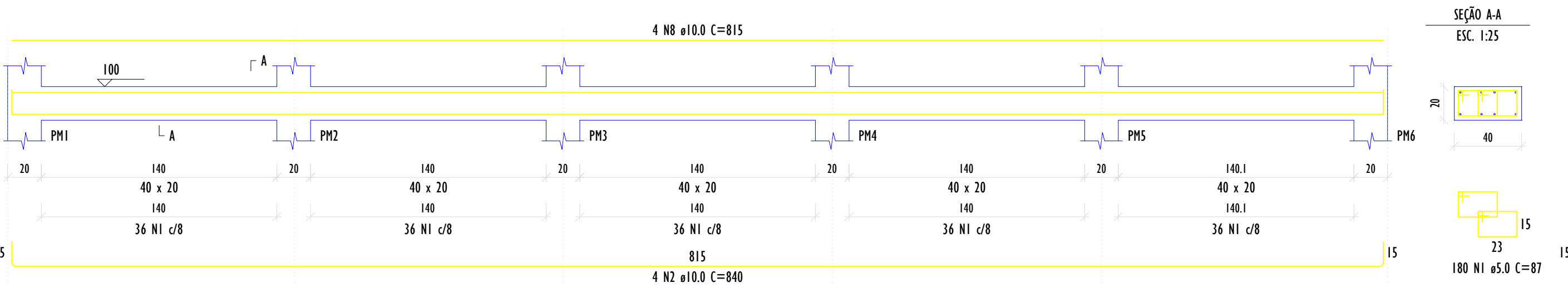
VM8 (40 x 20)



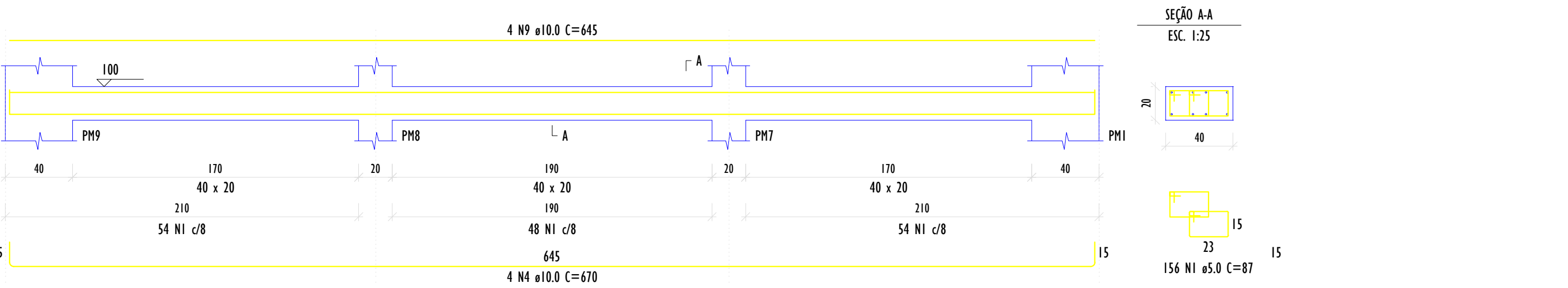
VM9 (40 x 20)



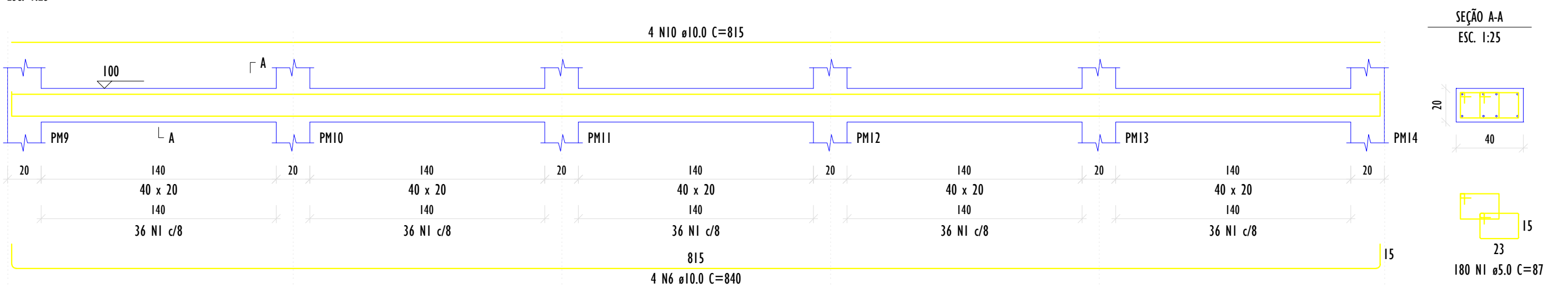
VM13 (40 x 20)



VM14 (40 x 20)



VM15 (40 x 20)



RELAÇÃO DO AÇO					
VM1 VM7 VM13	VM2 VM8 VM14	VM3 VM9 VM15			
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CAÇO CASO	1	5.0	1548	87	134676
	2	10.0	12	840	10080
	3	10.0	4	838	3352
	4	10.0	12	670	8040
	5	10.0	4	668	2672
	6	10.0	12	840	10080
	7	10.0	4	838	3352
	8	10.0	8	815	6520
	9	10.0	8	645	5160
	10	10.0	8	815	6520

RESUMO DO AÇO				
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CASO	10.0	557.8	47	343.9
CAÇO	5.0	1346.8	113	207.6
PESO TOTAL (kg)				
CASO				343.9
CAÇO				207.6

Volume de concreto (C-30) = 4.78 m³
Área de forma = 47.76 m²

 Projetos & Serviços de Engenharia Ltda.	
 Prefeitura Municipal de Santa Cruz do Escalvado ESTADO DE MINAS GERAIS Administração 2025-2028	
OBJETO	NO OPERAÇÃO
REFORMA E AMPLIAÇÃO DO CENTRO COMUNITÁRIO NA COMUNIDADE DE CHACRINHA	DATA JAN / 26
RESPONSÁVEL TÉCNICO PELO PROJETO	CREA 61.924 / D
Eng. Civil WILSON DIAS DA FONSECA JR.	CPF 697.293.526-15
PREFEITO MUNICIPAL	GILMAR DE PAULA LIMA
CONTEÚO	ESCALA Indicadas
DETALHES ESTRUTURAIS	FOLHA 07/10
LOCALIZAÇÃO	Zona Rural de Santa Cruz do Escalvado (MG)
PROGRAMA	RECURSOS RENOVA