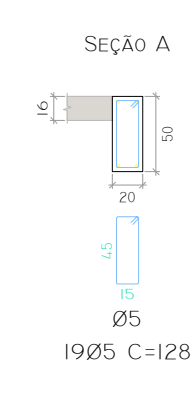
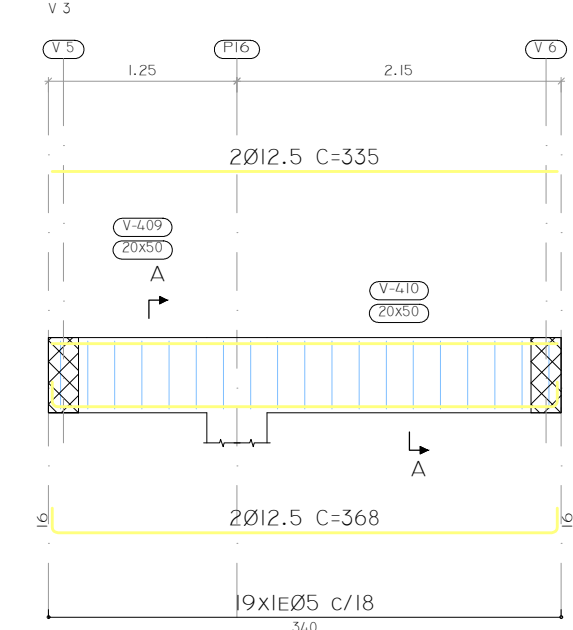
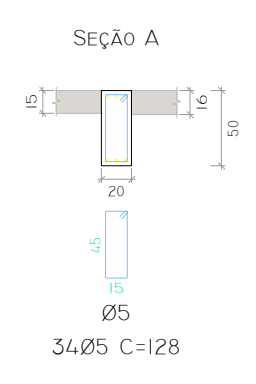
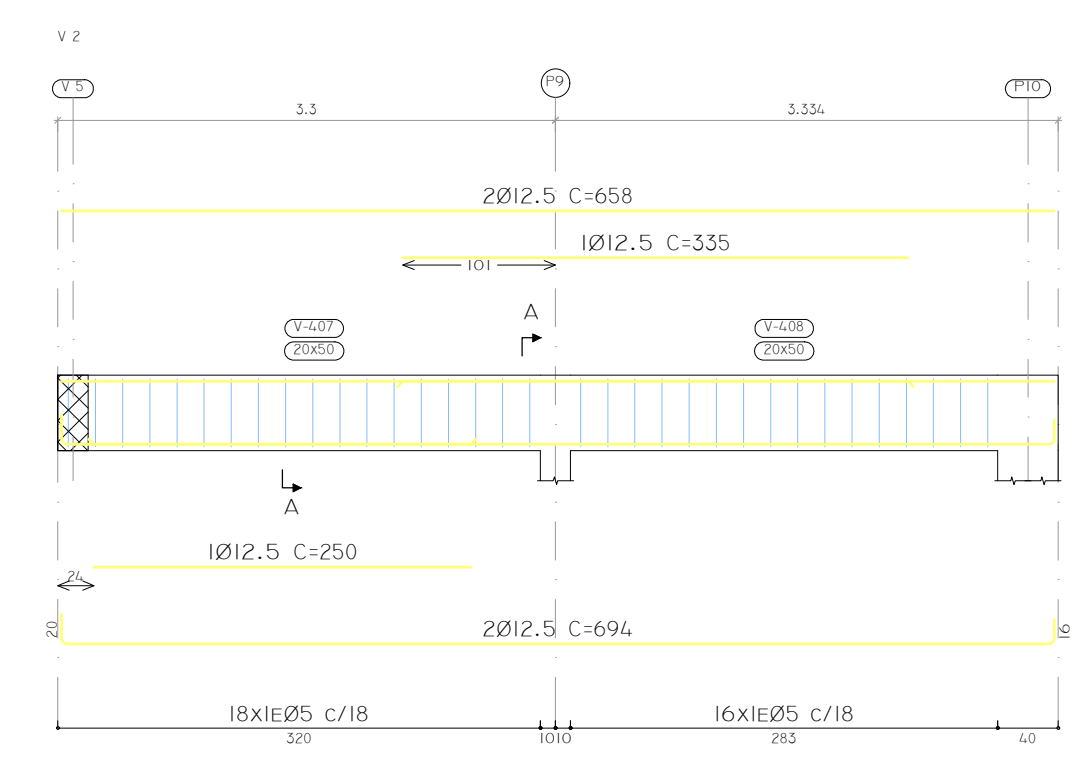


RESUMO AÇO COBERTURA LAJES	COMP. TOTAL (M)	PESO+10% (KG)	TOTAL
CA-50 Ø6.3	326.9	88	
Ø8	29.4	13	
Ø10	62.9	43	144
CA-60 Ø4.2	151.6	18	18
<b>TOTAL</b>			<b>162</b>

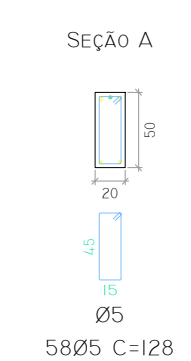
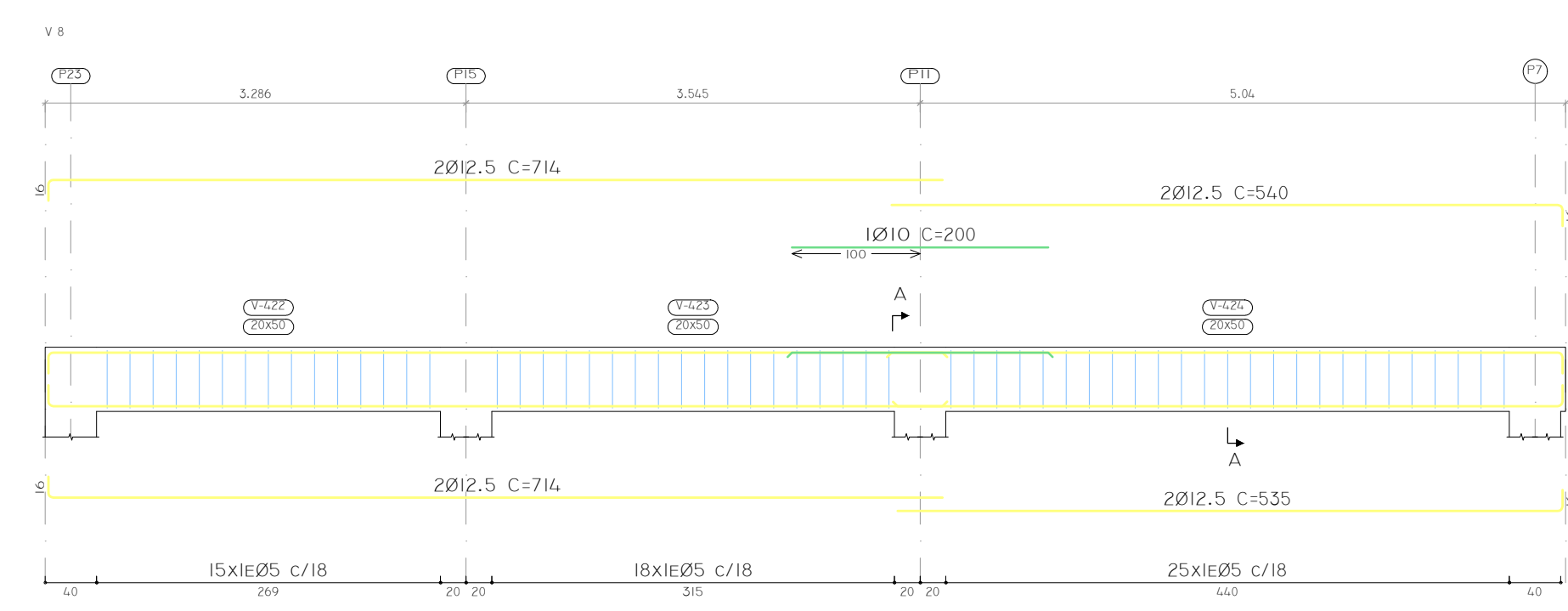
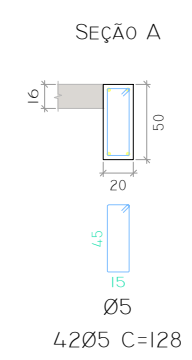
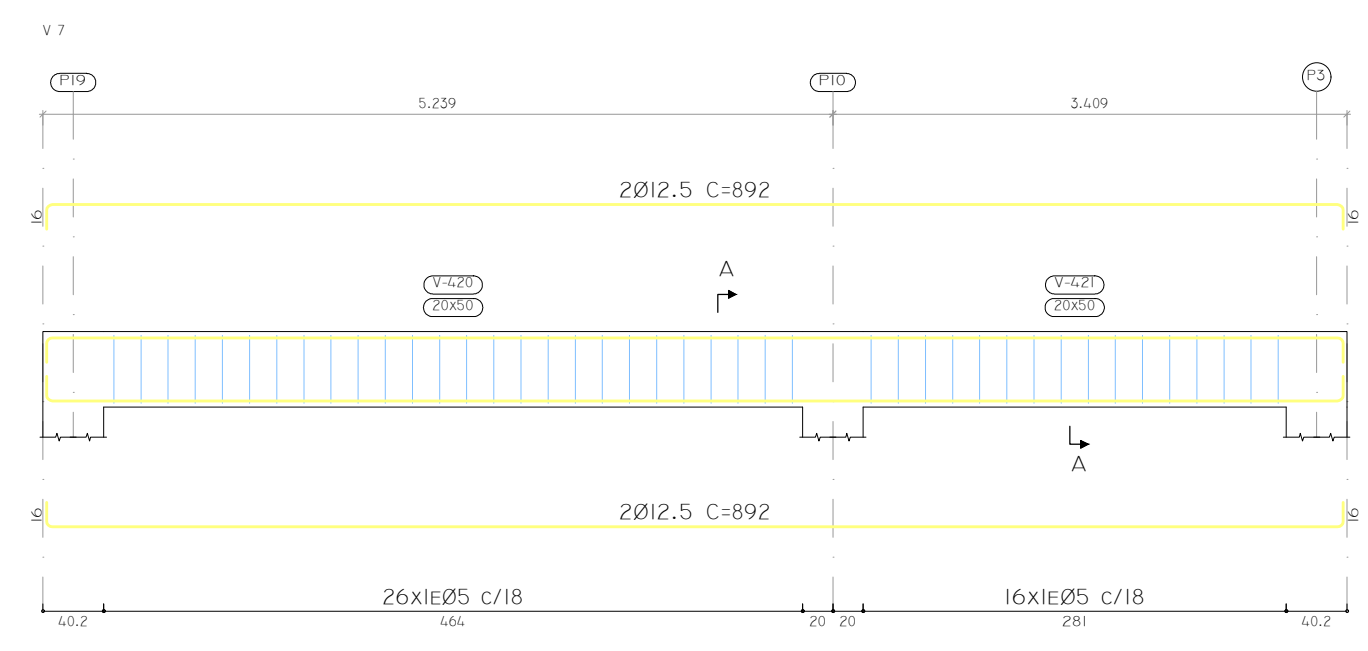
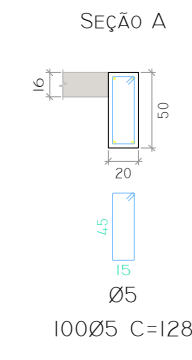
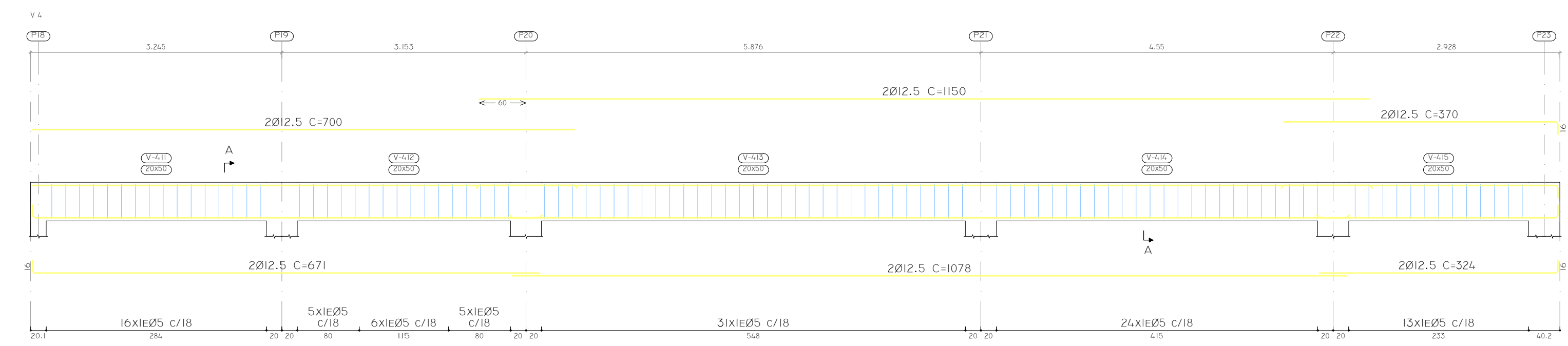
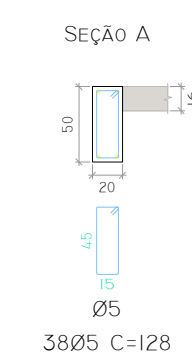
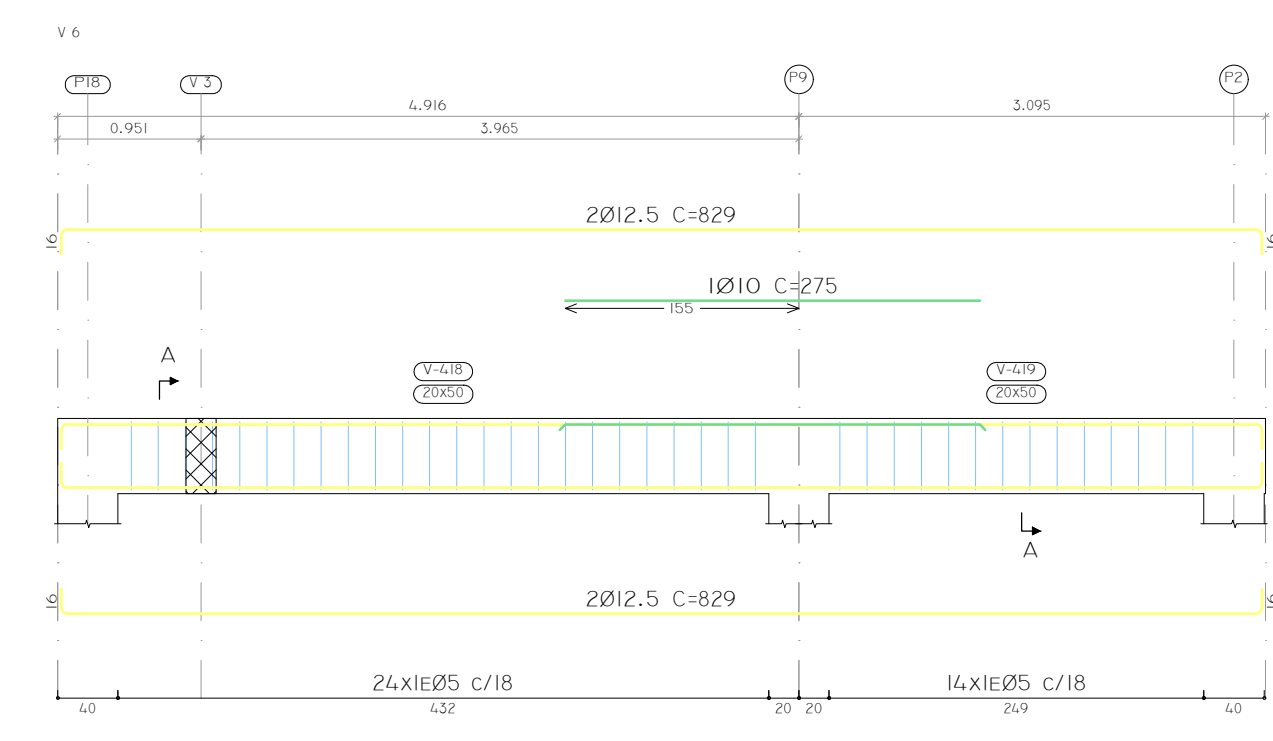
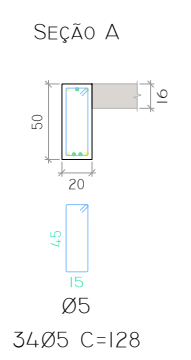
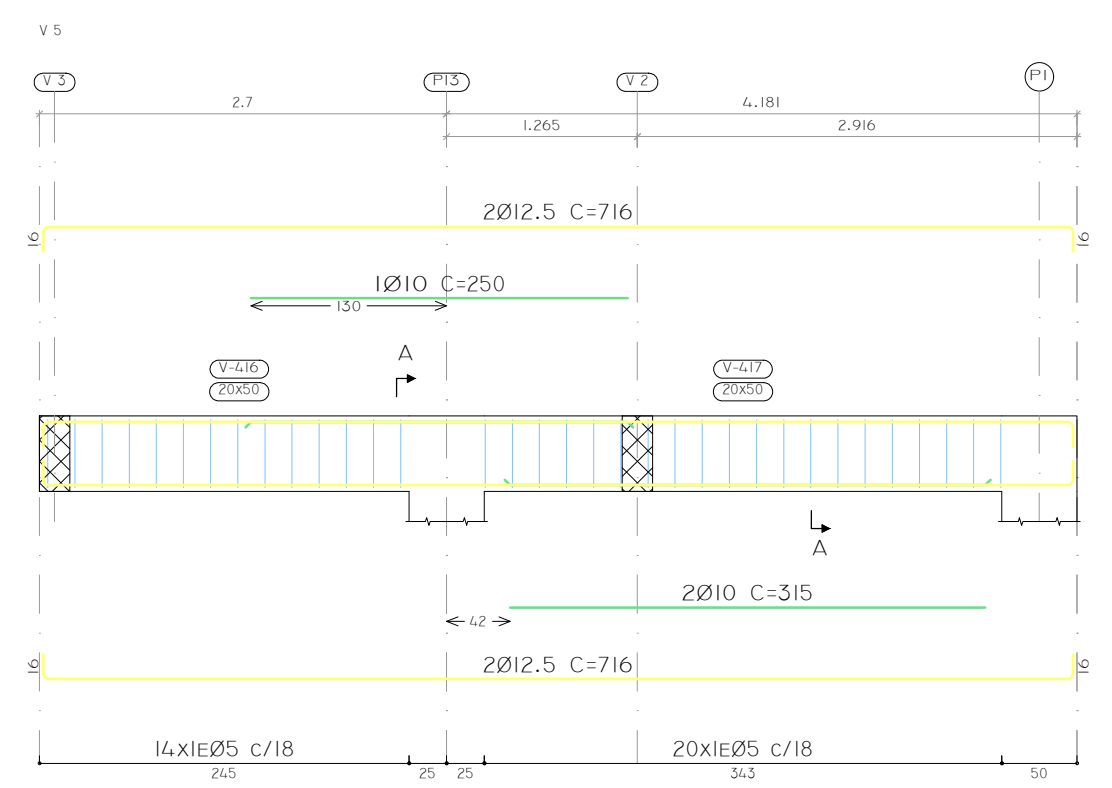
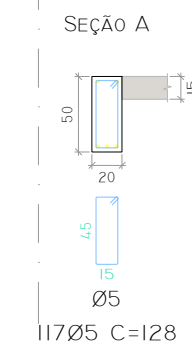
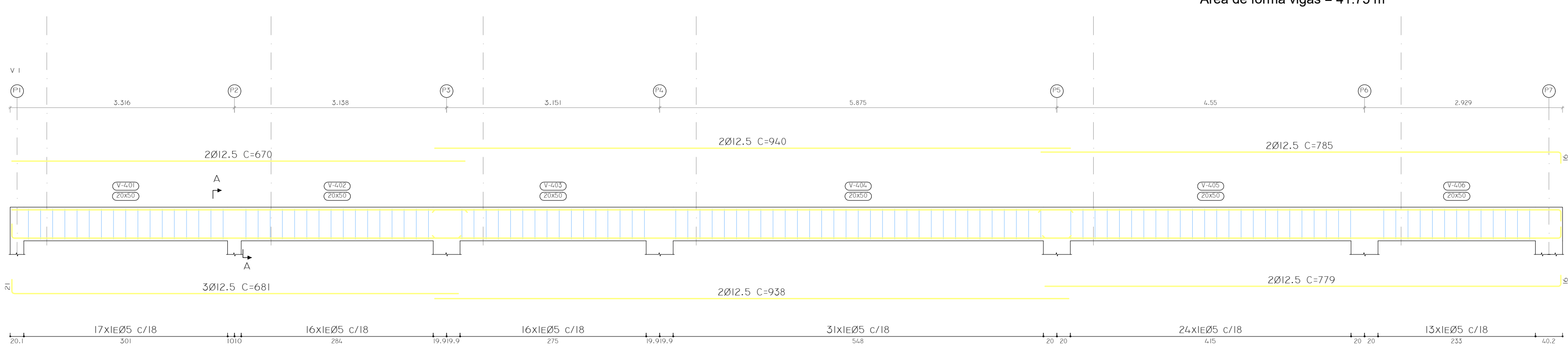
Volume de concreto lajes (C-35) = 3.46 m<sup>3</sup>  
 Área de forma vigas = 41.75 m<sup>2</sup>

VIGAS NÍVEL COBERTURA



RESUMO AÇO DESENHO DE VIGAS	COMP. TOTAL (M)	PESO+10% (KG)	TOTAL
CA-50 Ø10	13.6	9	415
CA-60 Ø5	383.0	4.06	98
<b>TOTAL</b>			<b>513</b>

Volume de concreto Vigas (C-35) = 8.73 m<sup>3</sup>  
 Área de forma vigas = 84.68 m<sup>2</sup>



COBERTURA  
 DESENHO DE VIGAS  
 CONCRETO: C35, EM GERAL  
 AÇO DAS BARRAS: CA-50 E CA-60  
 AÇO DOS ESTRIBOS: CA-50 E CA-60  
 ESCALA VIGAS 1:50  
 ESCALA SEÇÕES 1:50  
 ESCALA ABERTURAS 1:50

COBERTURA  
 FORMAS  
 CONCRETO: C35, EM GERAL  
 CA-50 E CA-60  
 ESCALAS: 1:75

**PRÉDIO CÂMARA MUNICIPAL DE MATIAS CARDOSO**

PROPRIETÁRIO: CÂMARA DE VEREADORES DE MATIAS CARDOSO/MG  
 CNPJ: 01.060.753/0001-55

ENDEREÇO: AV. PRESIDENTE GETÚLIO VARGAS N 327 CENTRO

**PROJETO ESTRUTURAL - PRÉDIO A CONSTRUIR (PLENÁRIO)**

RESPONSÁVEL TÉCNICO: MARCOS PAULO MADUREIRA LOPES  
 ENGº CIVIL - CREA/MG: 224.189/D

ÁREAS:	ESCALA:	FOLHA:	3º ESTRUTURA:
ÁREA TÉRREDO.....337,38m <sup>2</sup>	INDICADA	10/12	
ÁREA 2º PAVIMENTO.....208,42m <sup>2</sup>	DATA:	AGOSTO/2019	
ÁREA TOTAL.....545,80m <sup>2</sup>			

DATA: AGOSTO/2019