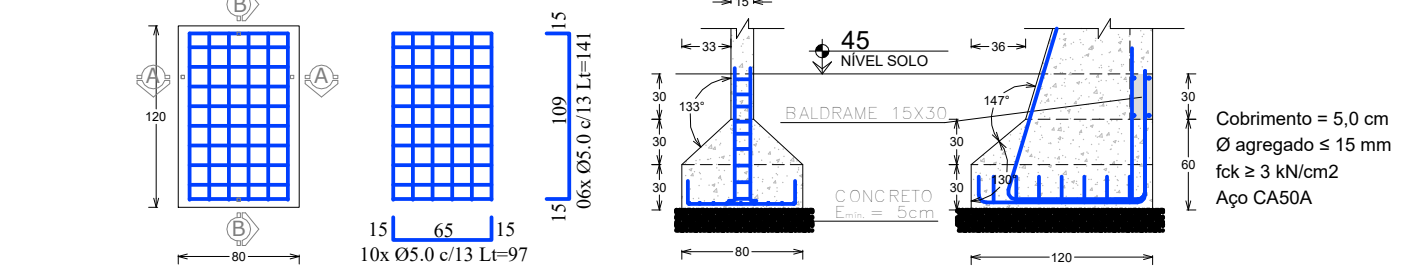


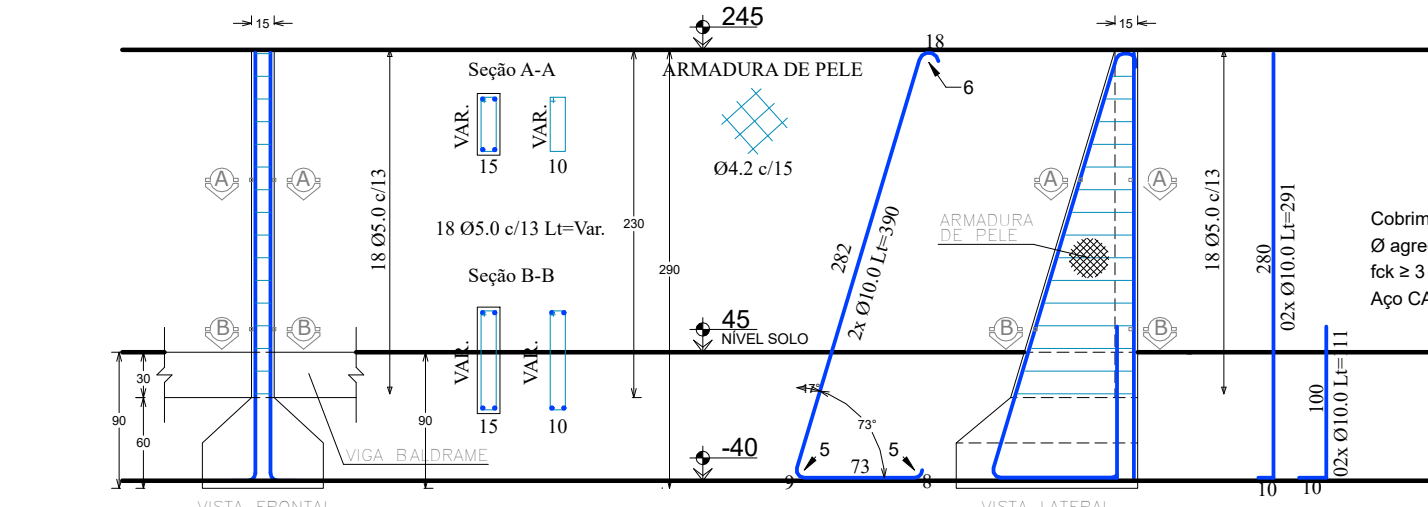
SAPATA PILARES: P03, P05, P07, P09, P11, P13, P15, P17, P20, P22, P24, P26 e P28



3 ARMADURAS SAPATAS

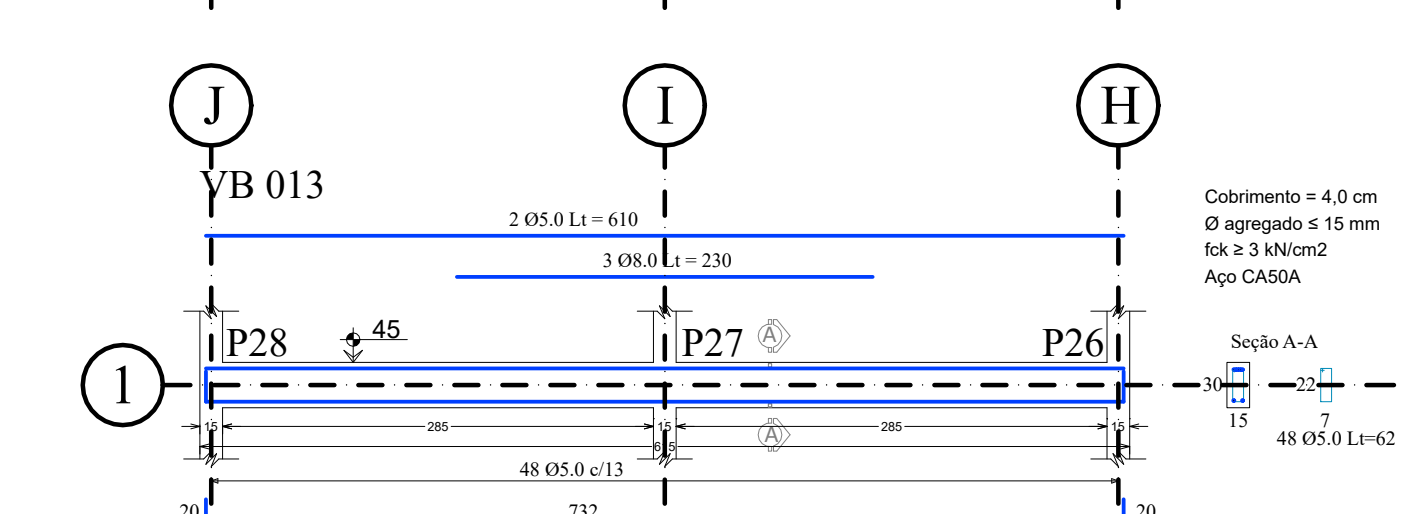
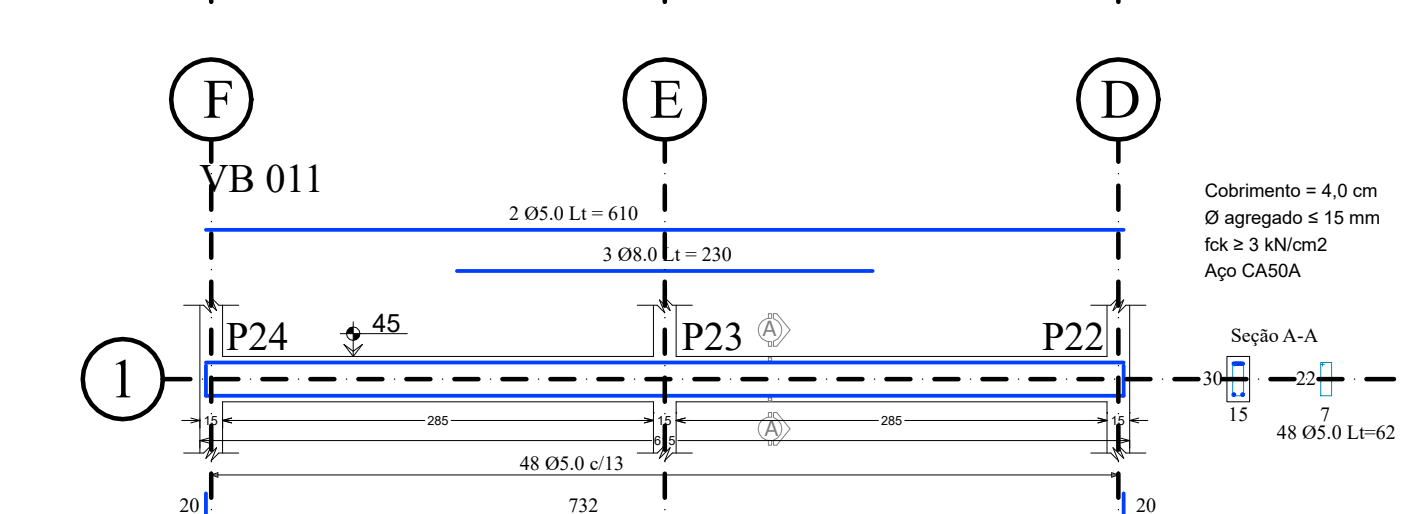
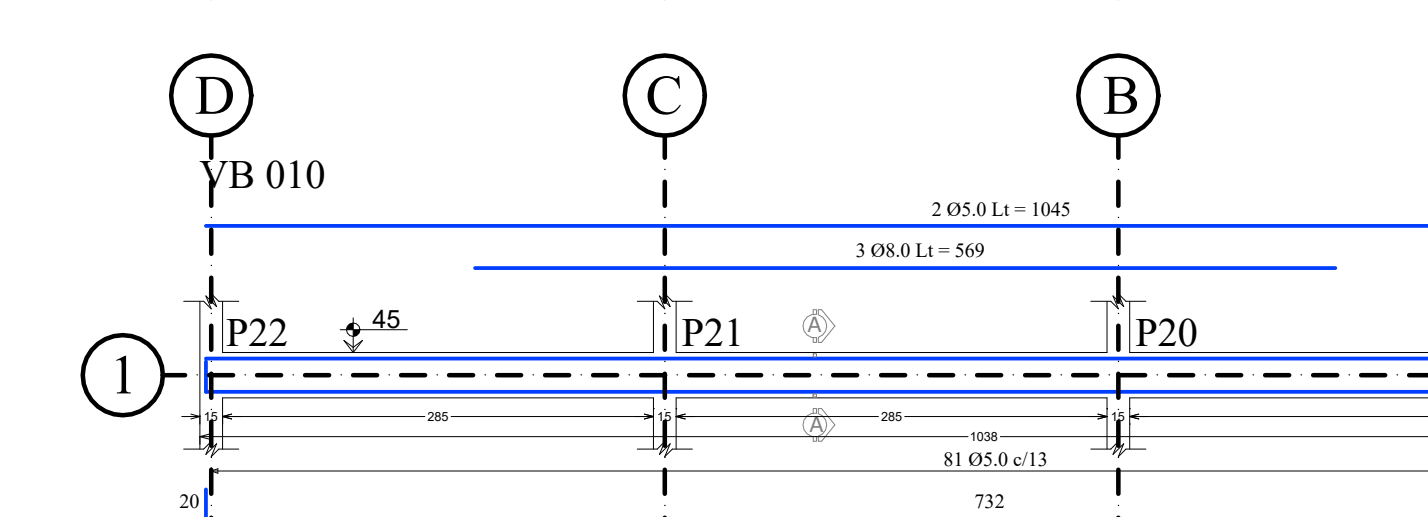
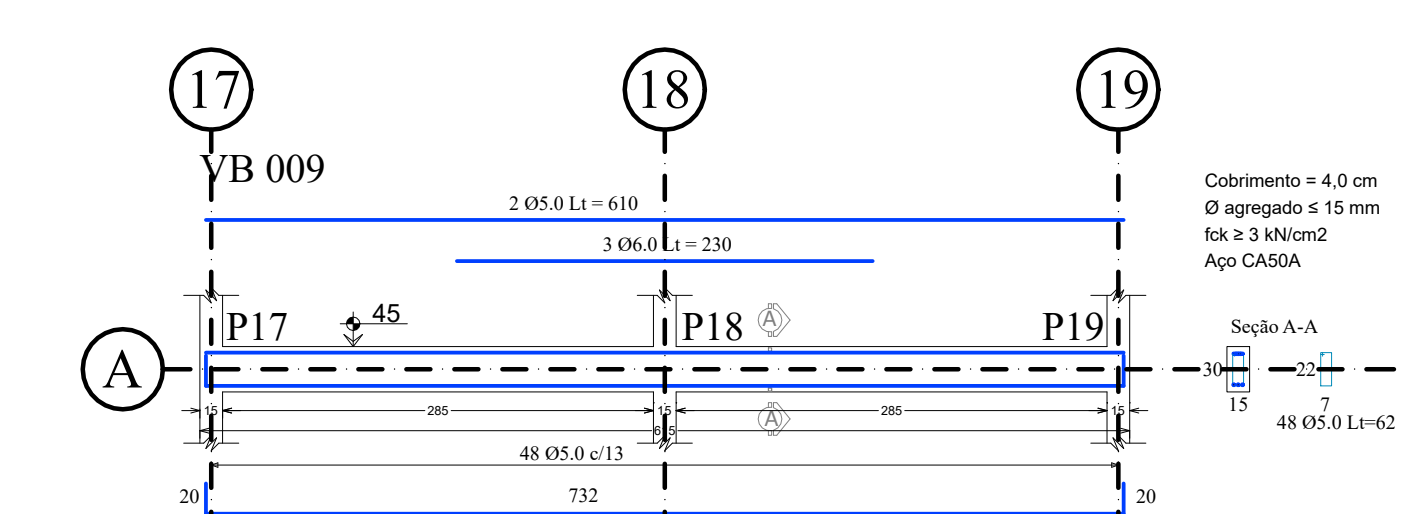
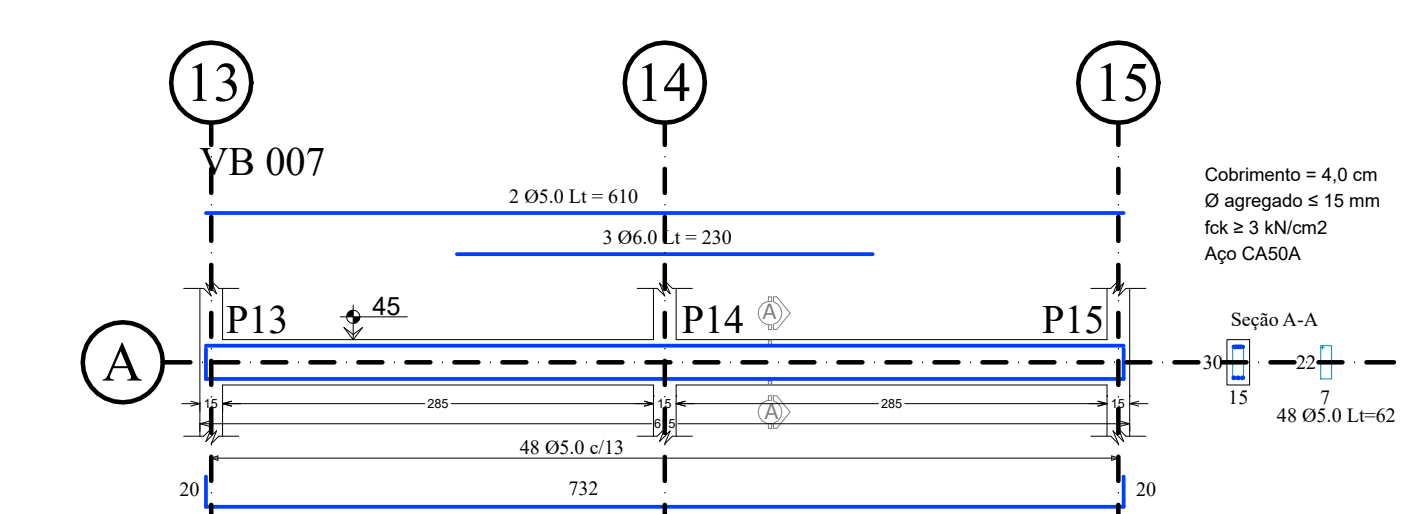
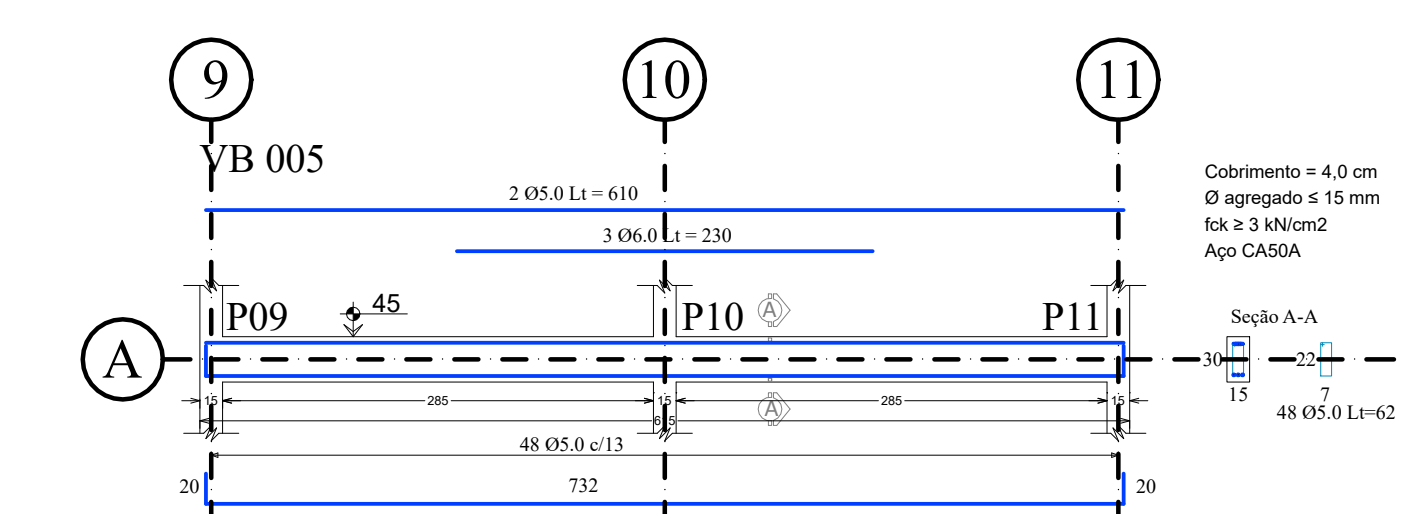
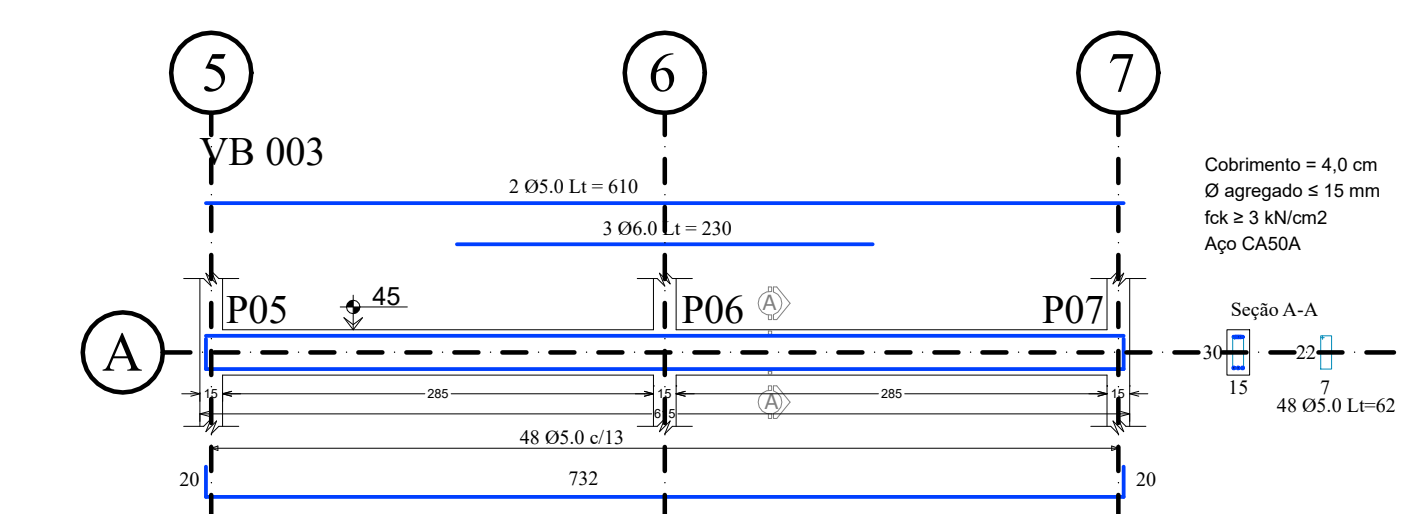
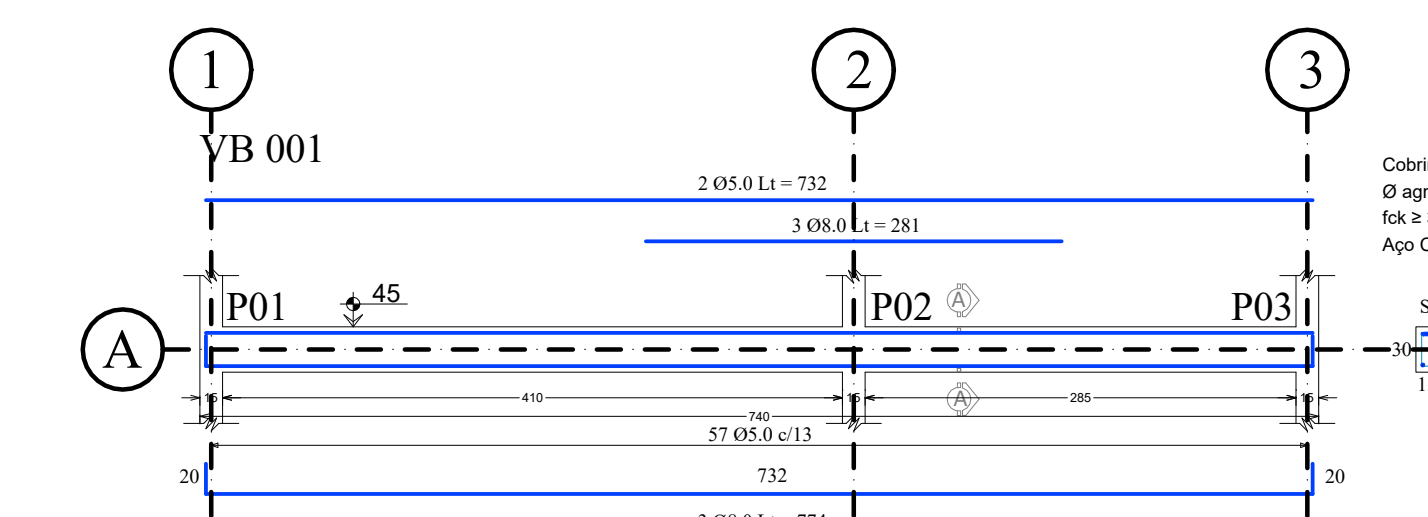
ESCALA: 1/50

PILARES CONTRAFORTES: P03, P05, P07, P09, P11, P13, P15, P17, P20, P22, P24, P26 e P28



4 ARMADURAS PILARES

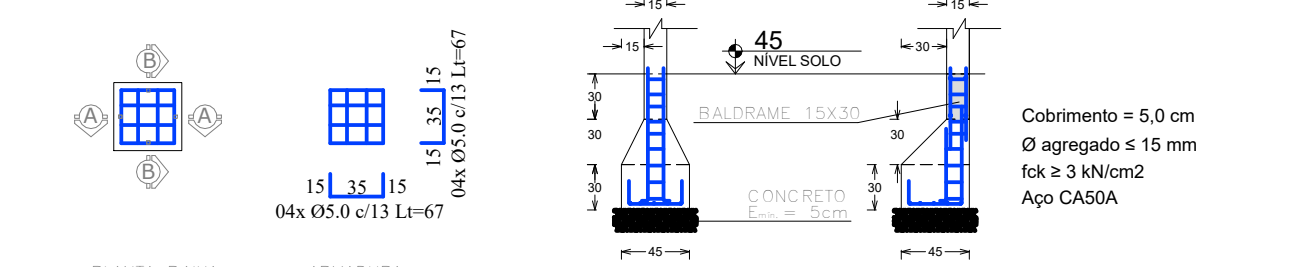
ESCALA: 1/50



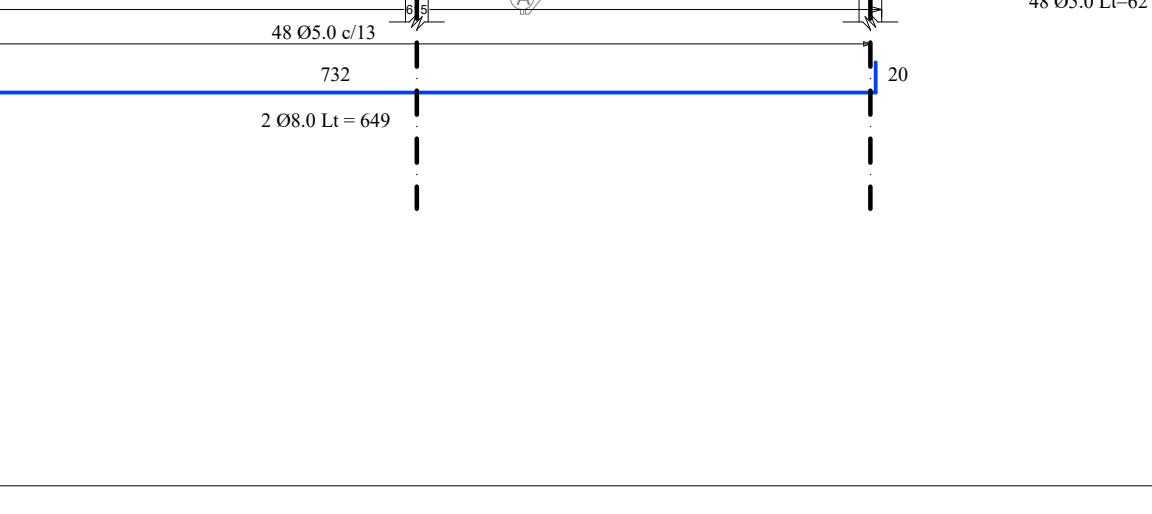
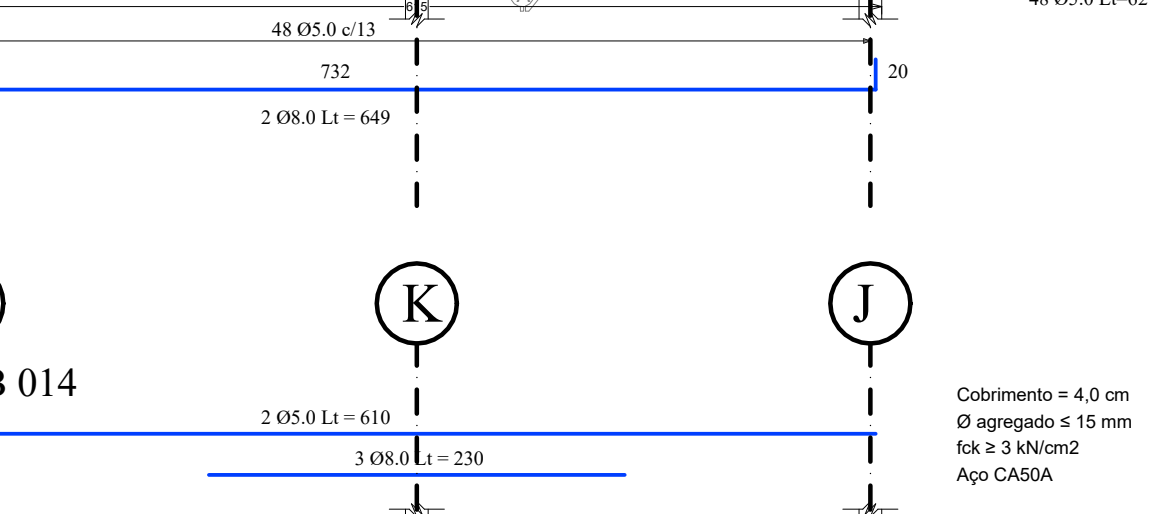
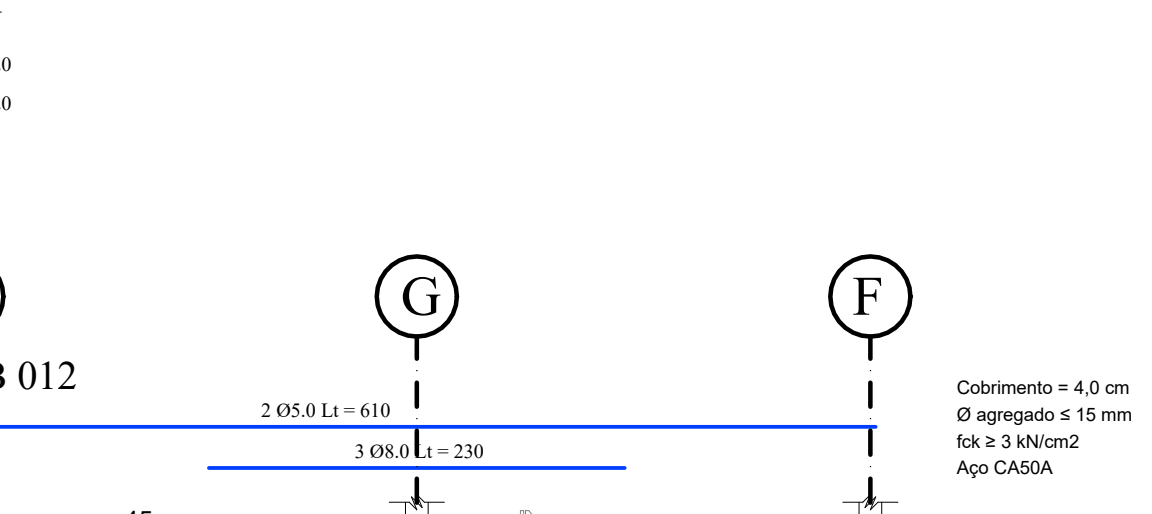
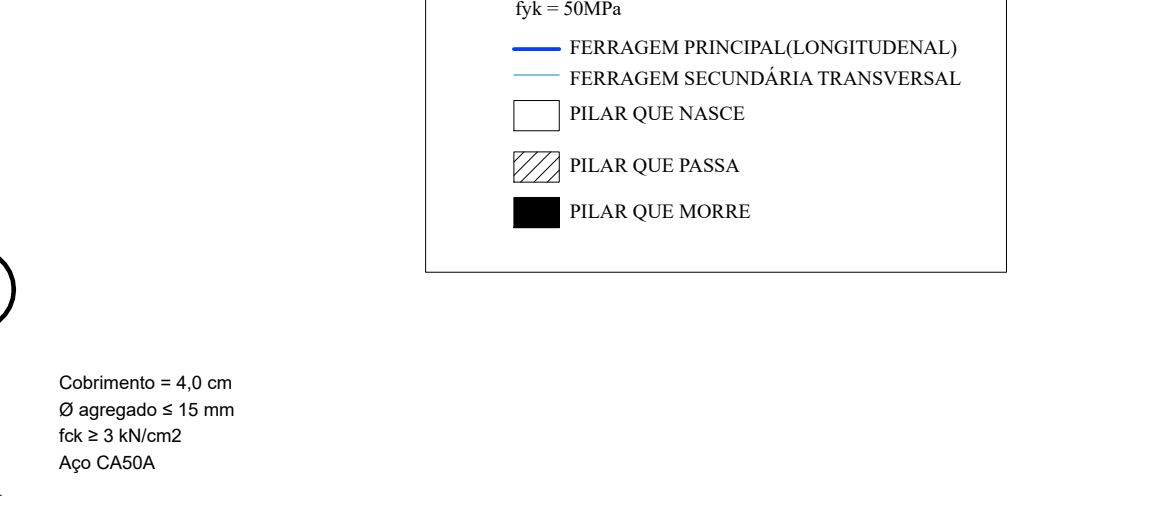
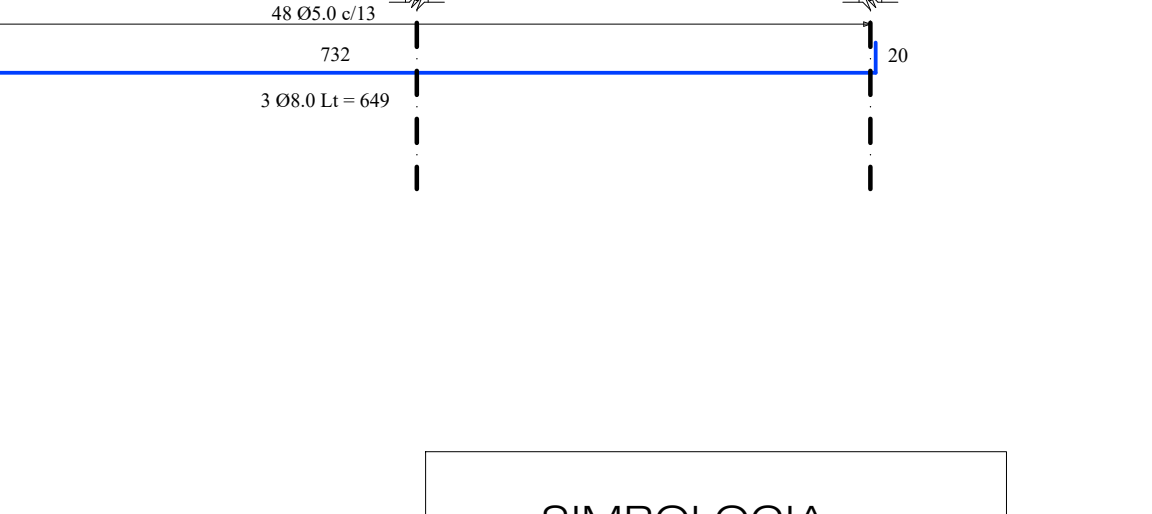
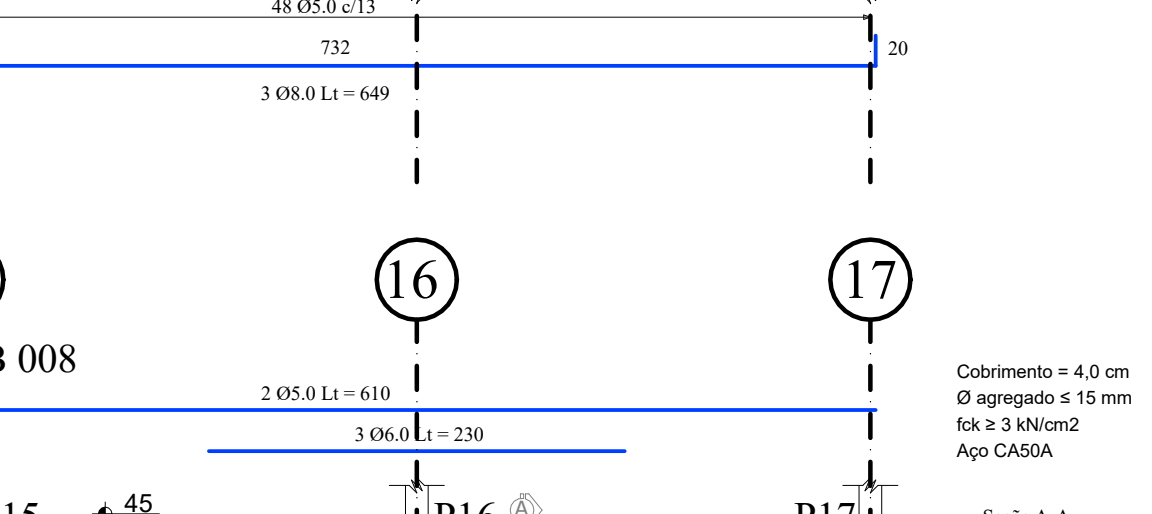
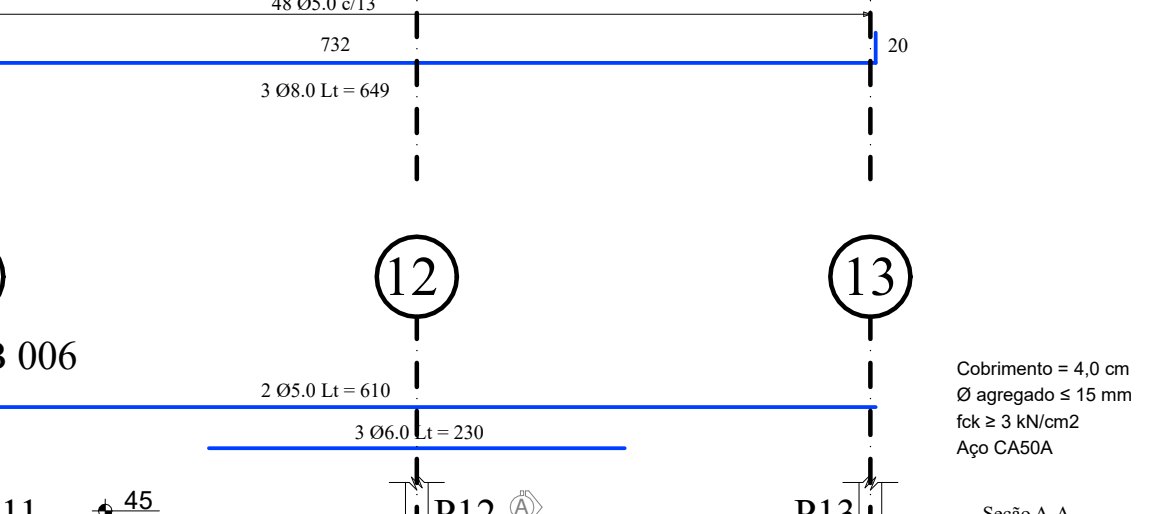
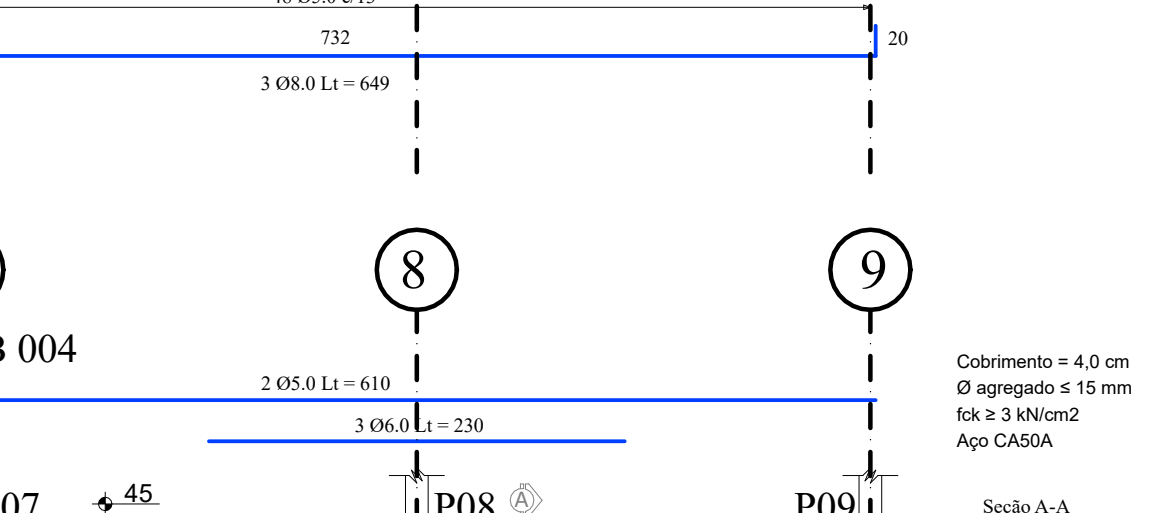
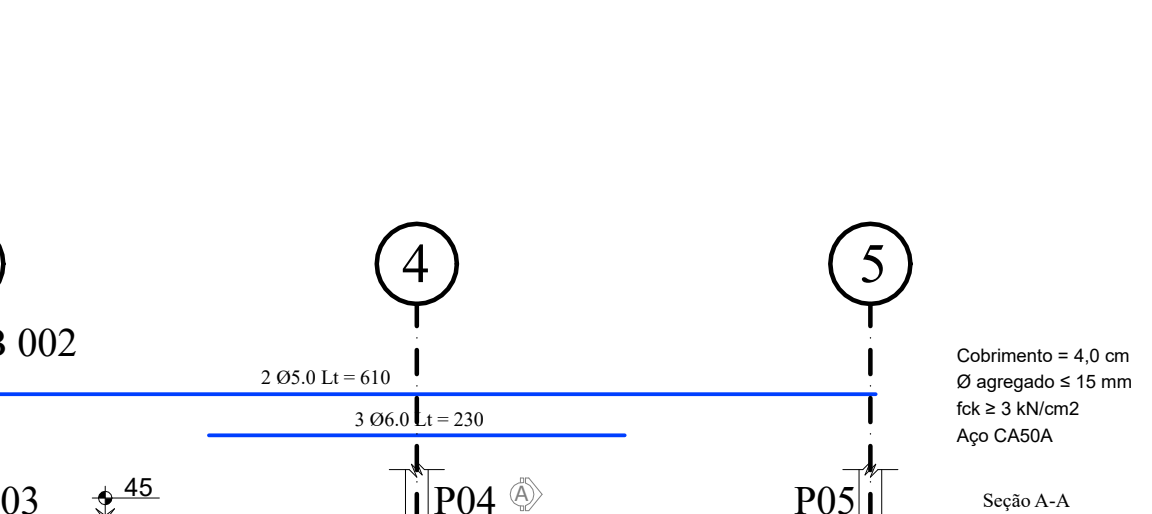
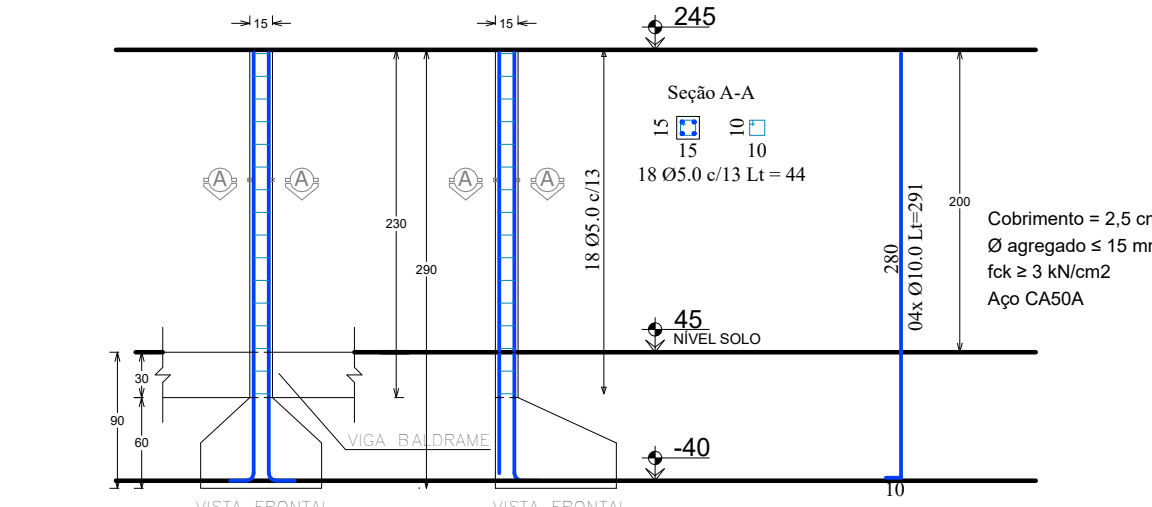
5 ARMADURAS VIGAS BALDRAMES NÍVEL 45

ESCALA: 1/50

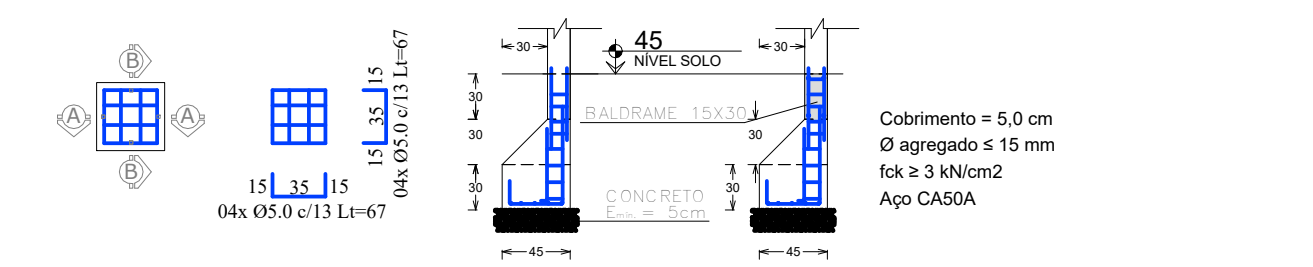
SAPATA PILARES: P02, P04, P06, P08, P10, P12, P14, P16, P18, P21, P23, P25, P27, P29 e P30



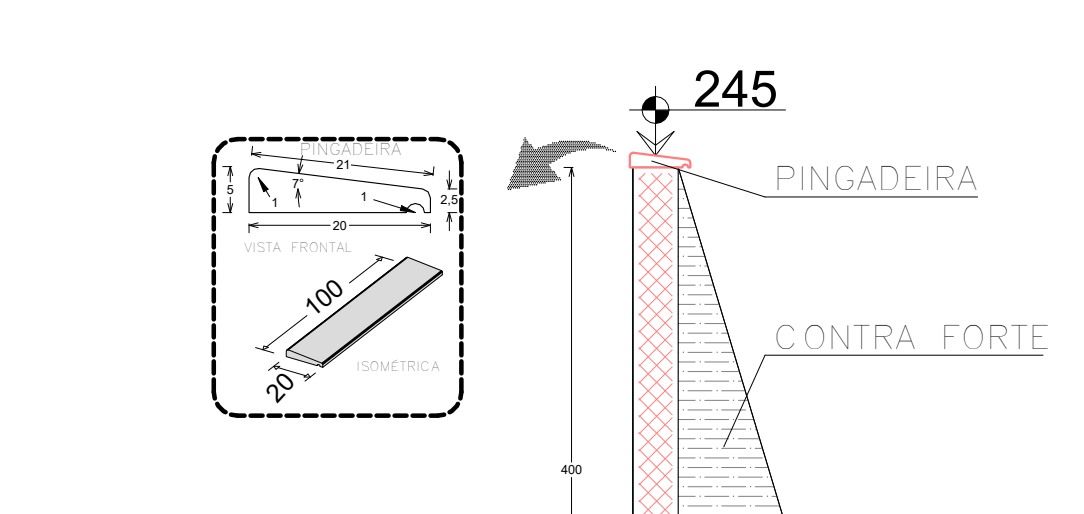
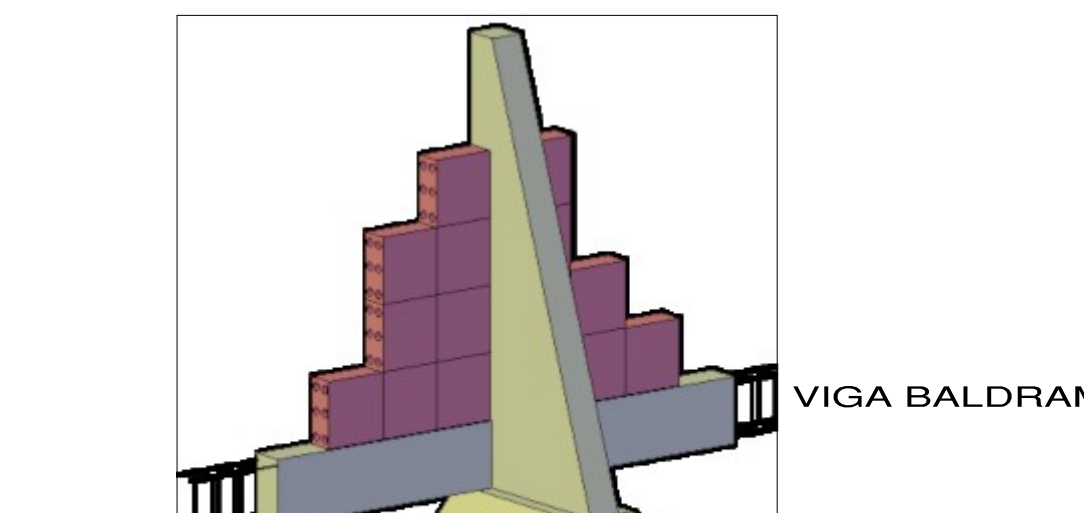
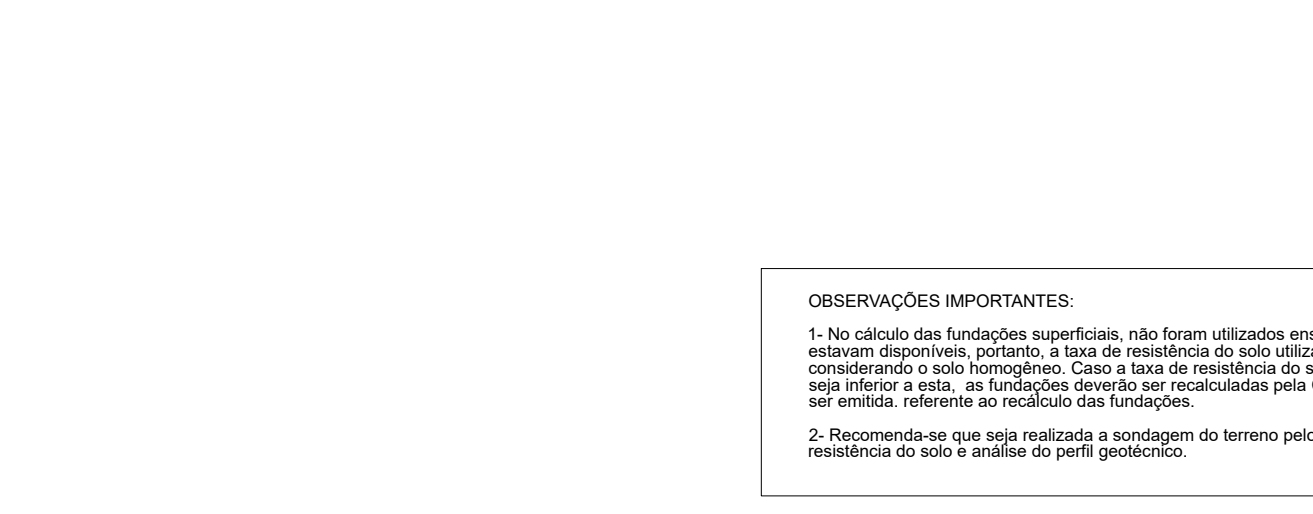
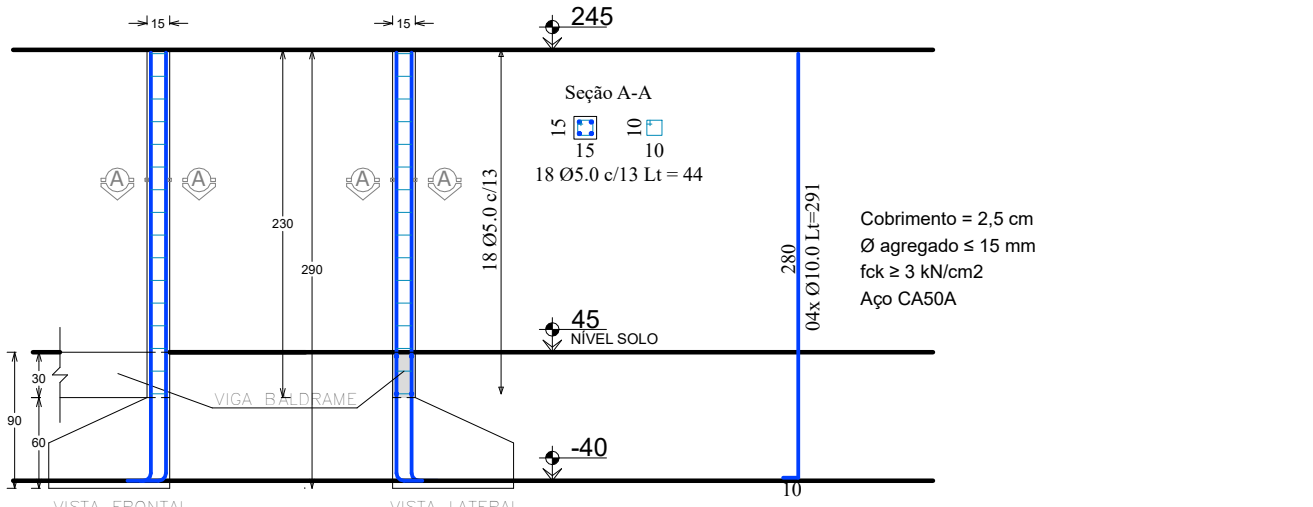
PILARES: P02, P04, P06, P08, P10, P12, P14, P16, P18, P21, P23, P25, P27, P29 e P30



SAPATA PILARES: P01 e P19



PILARES: P01 e P19



OBSERVAÇÕES IMPORTANTES:

1. No projeto de fundações superficiais, não deve ser utilizada a norma de dimensionamento de concreto de projeto, mas sim a norma de dimensionamento de concreto de projeto, a qual estabelece a resistência de cálculo do concreto de projeto, a qual é dada por:

$f_{cd} = \frac{f_{ctd}}{\gamma_c}$

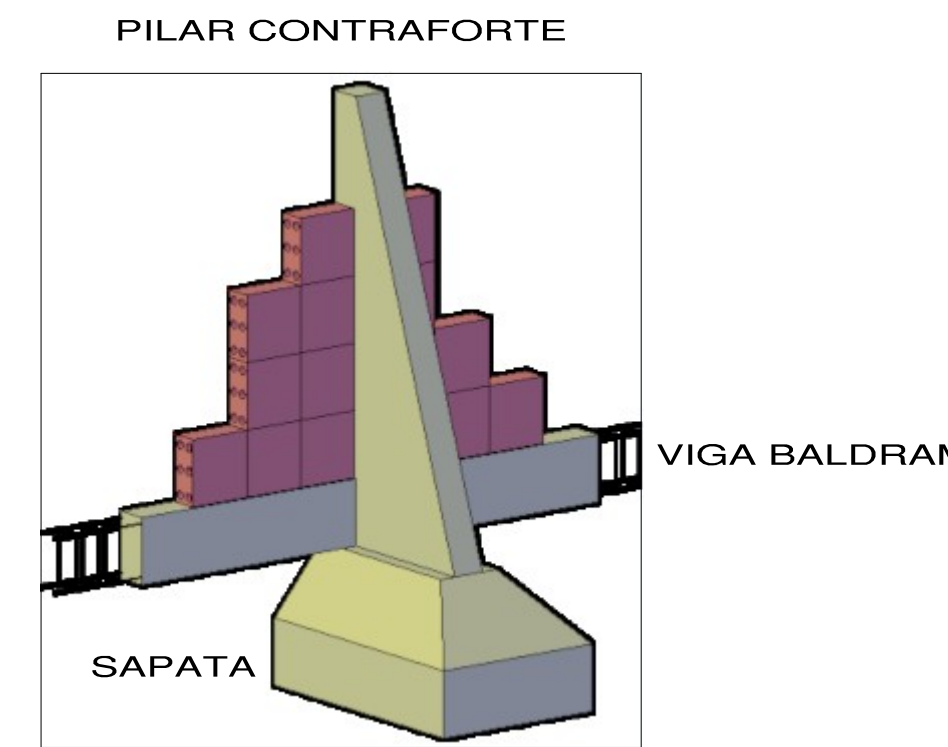
onde:

f_{cd} - resistência de cálculo do concreto de projeto;

f_{ctd} - resistência característica do concreto de projeto;

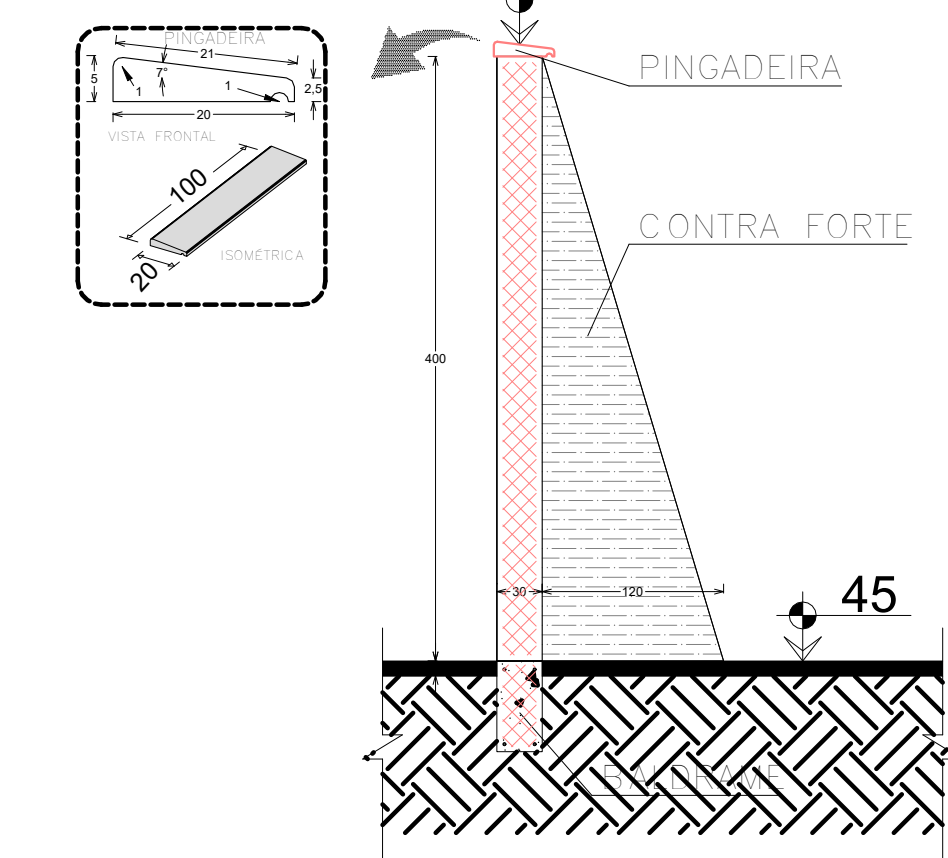
γ_c - coeficiente de segurança do concreto de projeto.

2. Recomenda-se que seja realizada a verificação da tensão pelo método SPT para determinação da capacidade de carga e a adotação pelo método.



6 DETALHES PILARES CONTRAFORTES

ESCALA: S/E



7 DETALHES PINGADEIRAS

ESCALA: S/E



PREFEITURA MUNICIPAL DO RIO GRANDE			
Gabinete de Programas e Projetos Especiais			
Outra Local: E.M.E.F CRISTÓVÃO PEREIRA DE ABREU			
Especificação: REFORMA DE PARTES DO MURO DE DIVISA DA EMEF CRISTÓVÃO PEREIRA DE ABREU			
Equipe Local de Projeto: Engº Civil Orlando Mascarello Neto - CREA/RN 12000-5		Data: Setembro/2016	
Equipe de Revisão: Engº Civil Orlando Mascarello Neto - CREA/RN 12000-5		Data: Novembro/2021	
Desenho: Engº Civil Orlando Mascarello Neto - CREA/RN 12000-5		Data: Setembro/2016	
Outubro/2019 e Novembro/2021		Escala: Indicada	
Prancha: 01/01			