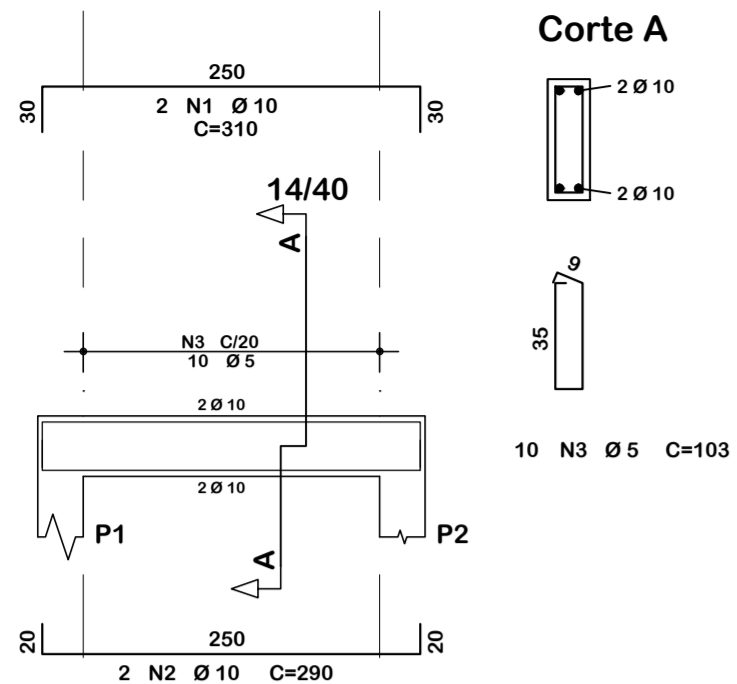
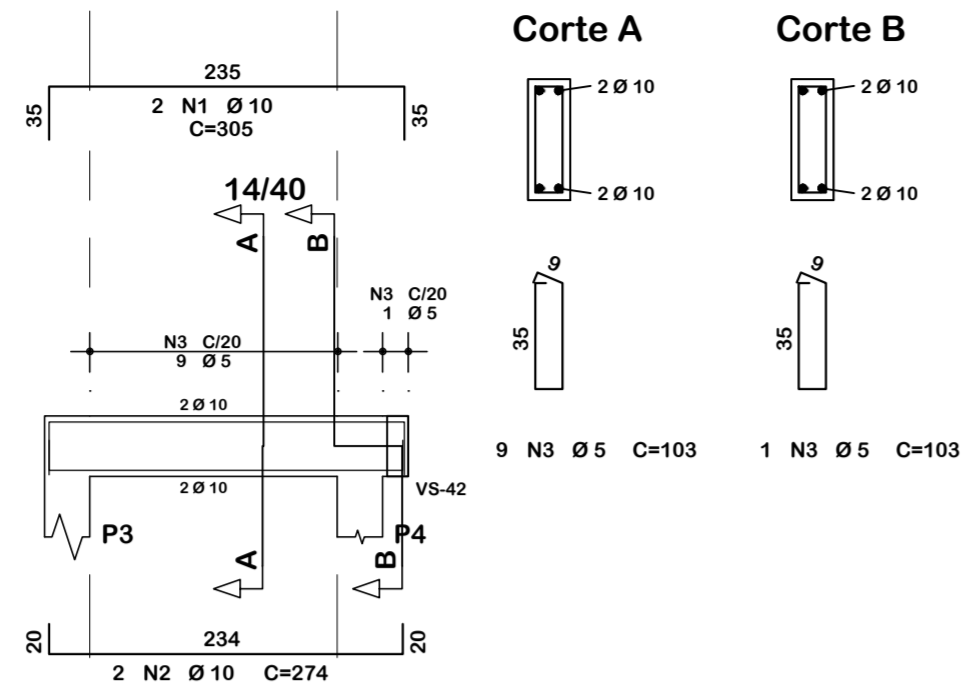


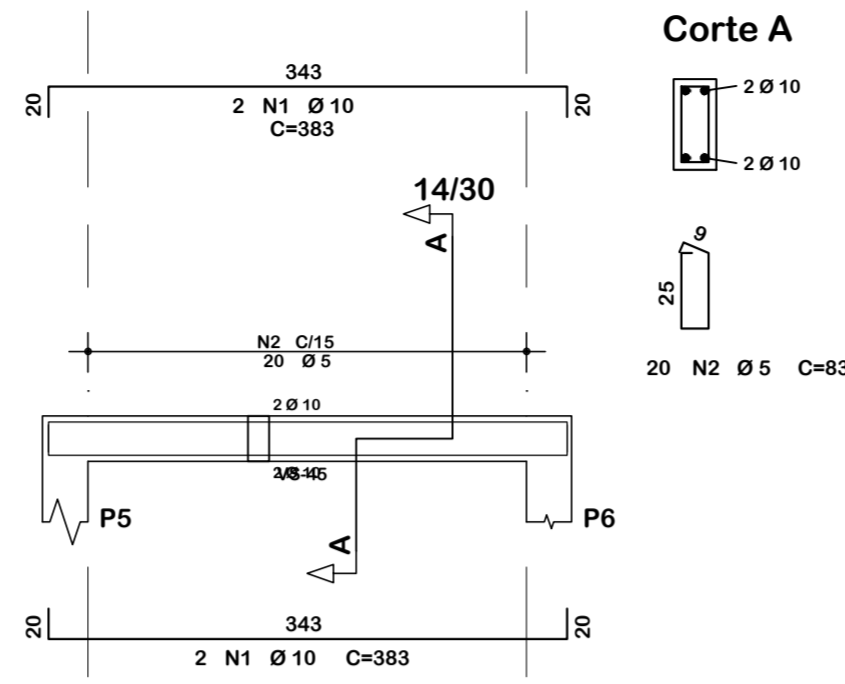
**VS-1**



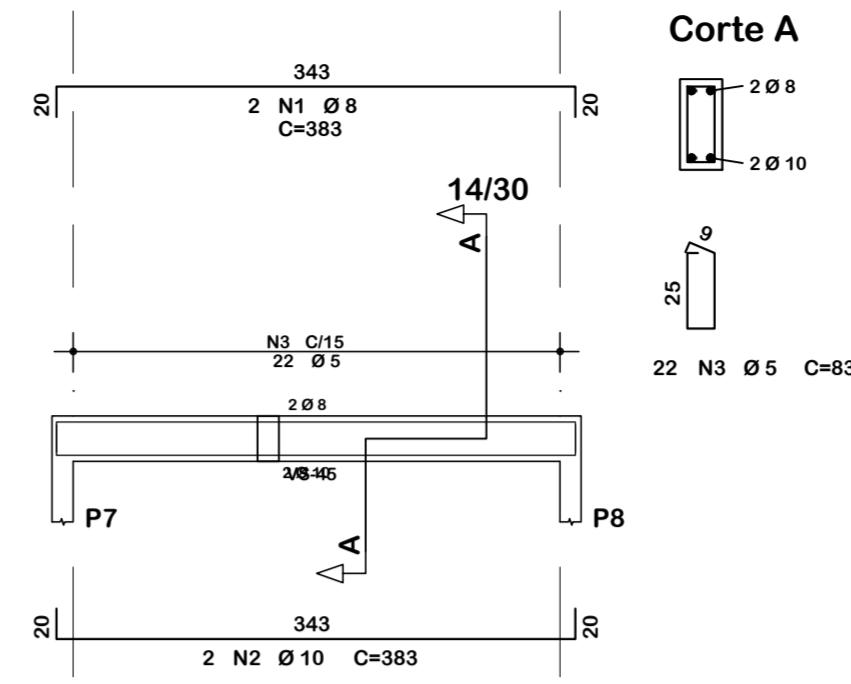
**VS-2**



**VS-3**



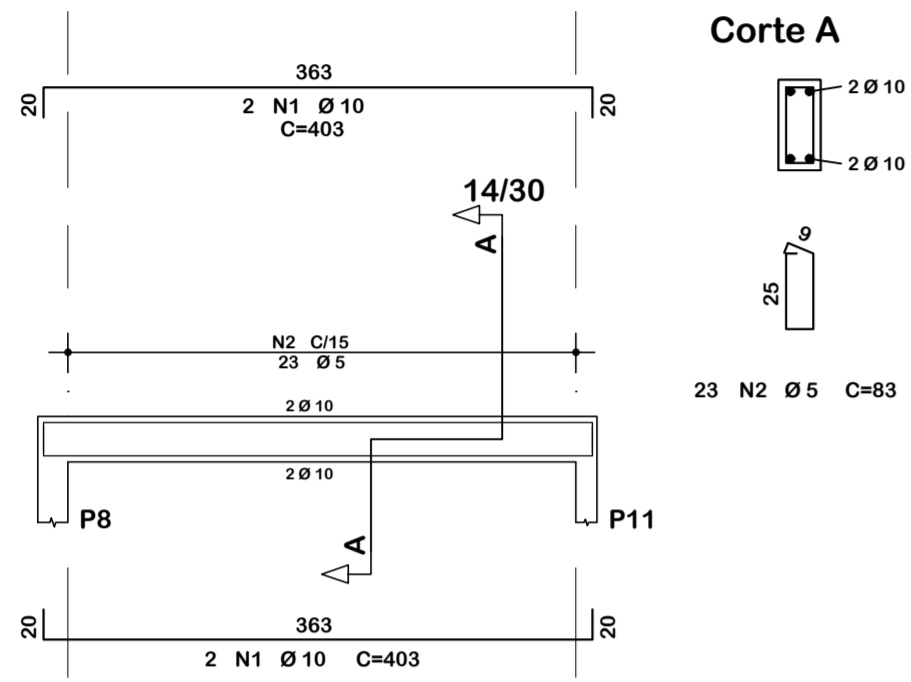
**VS-4**



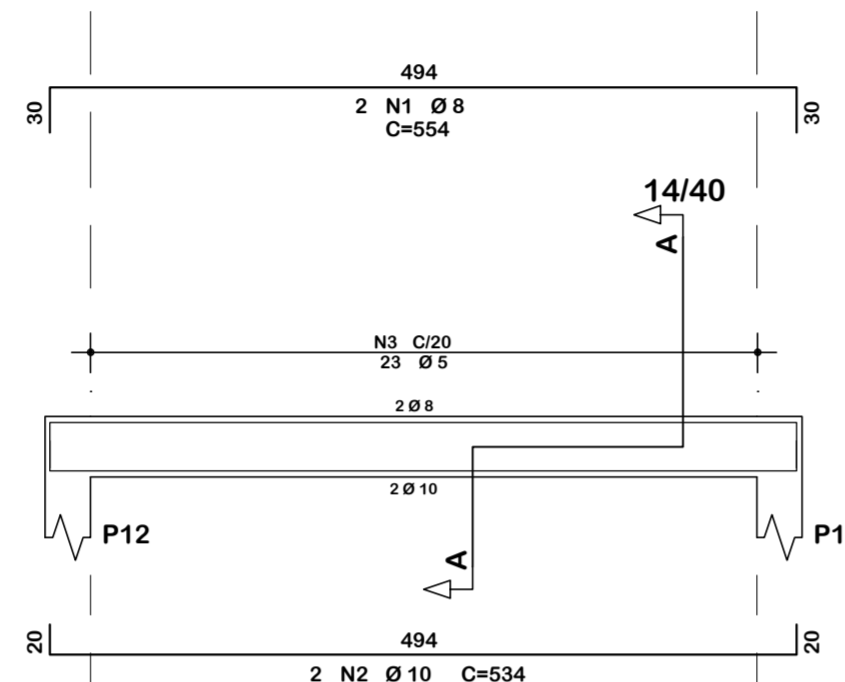
**Resumo de materiais**

RESUMO DE AÇO		
VIGAS SUPERIORES		
AÇO	BITOLA (mm)	PESO (kg)
60	5	142
50	6.3	3
	8	106
	10	374
	12.5	2
Peso Total		627 kg

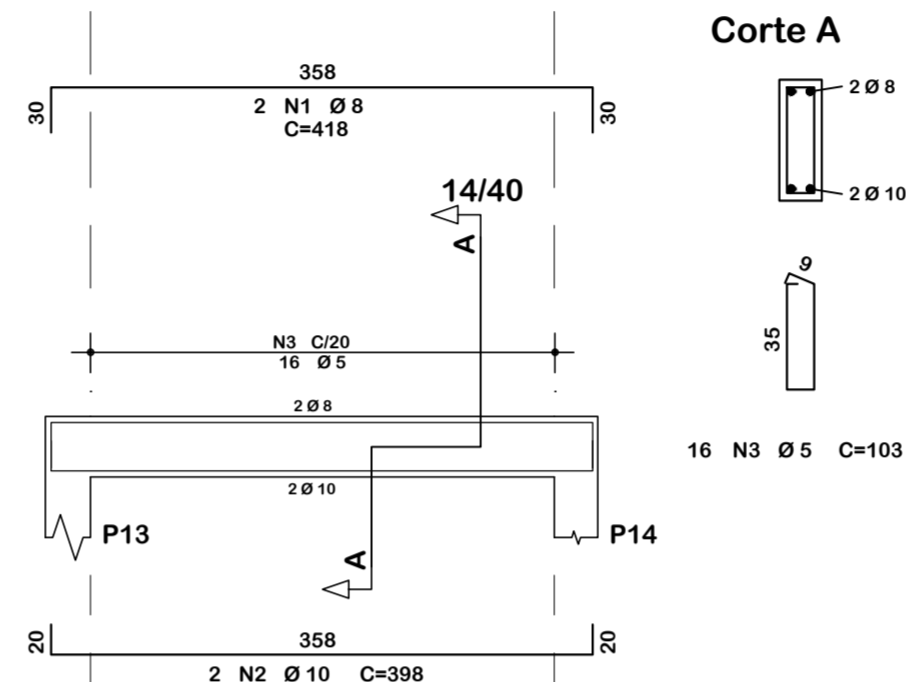
**VS-5**



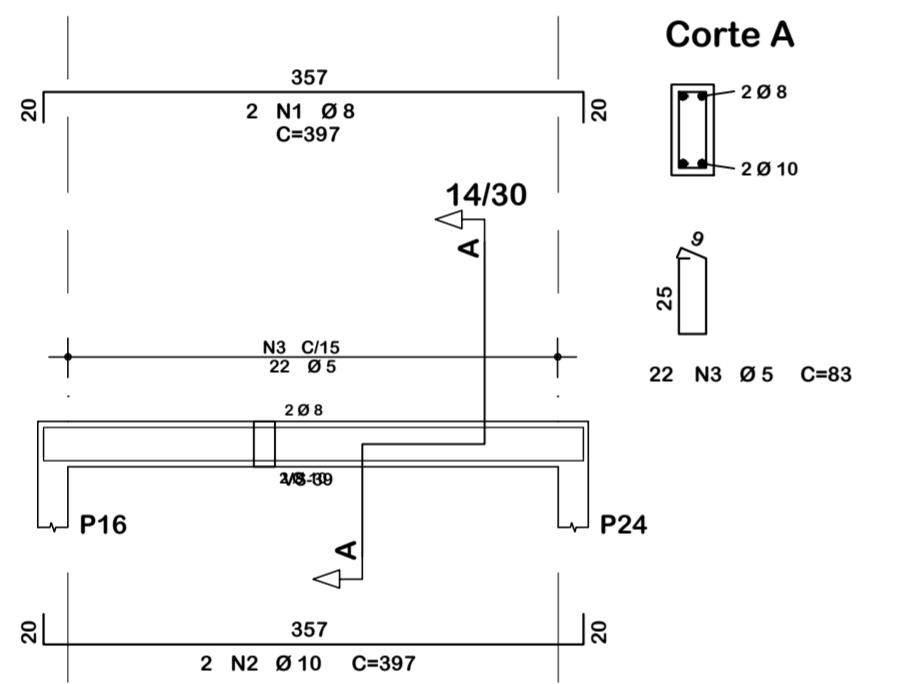
**VS-6**



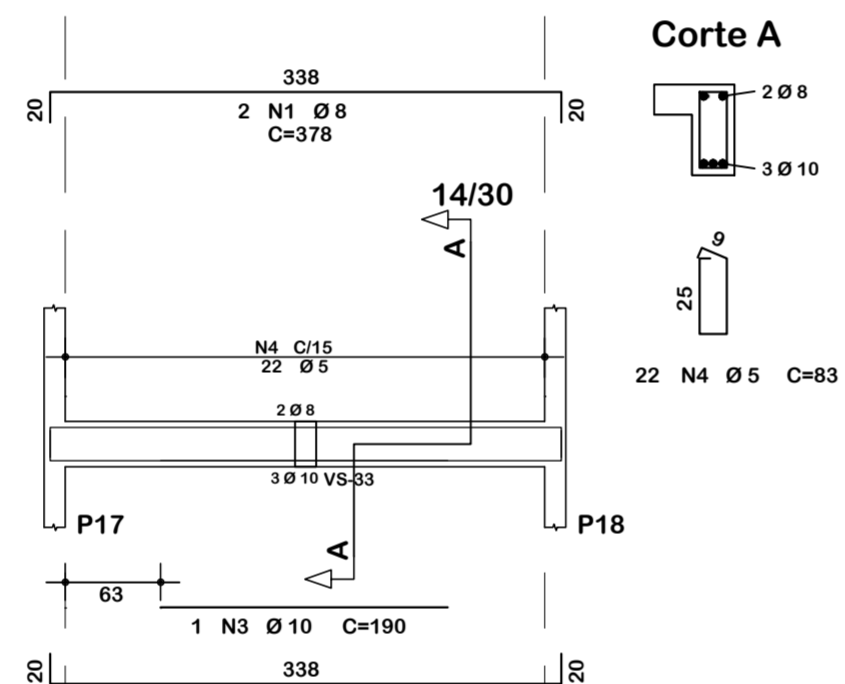
**VS-7**



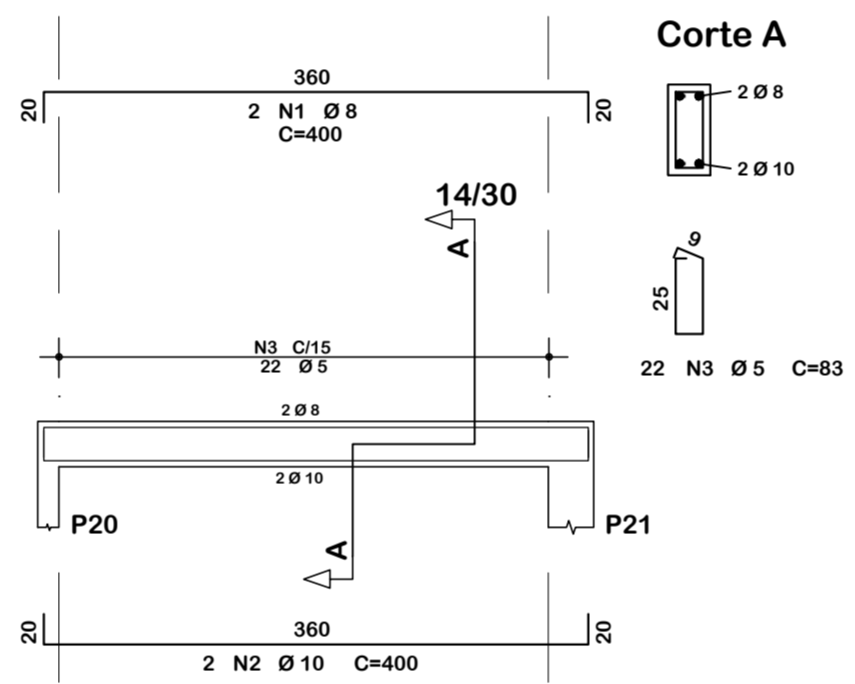
**VS-8**



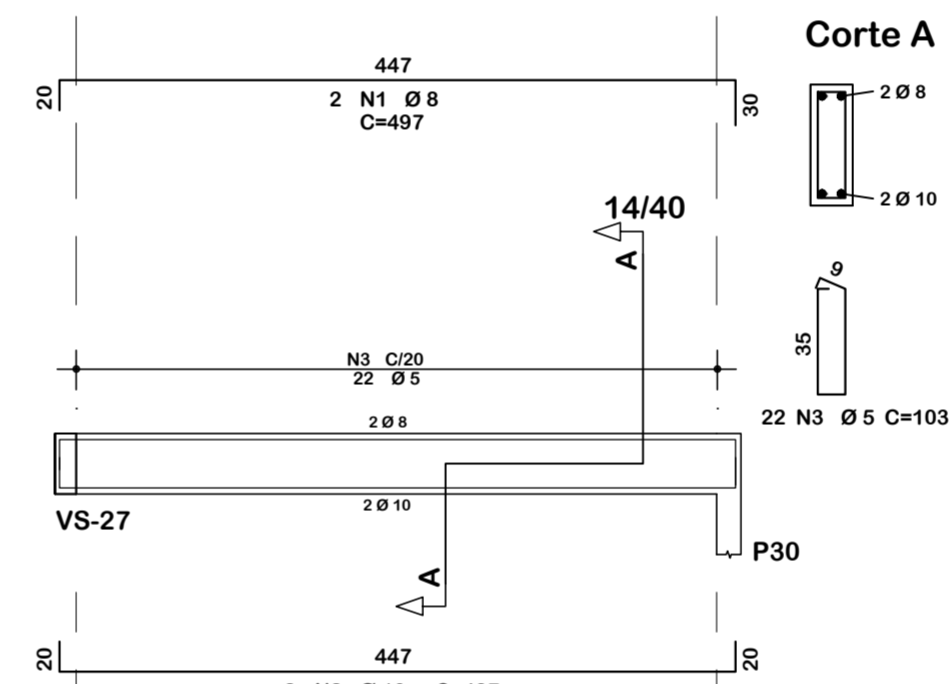
**VS-9**



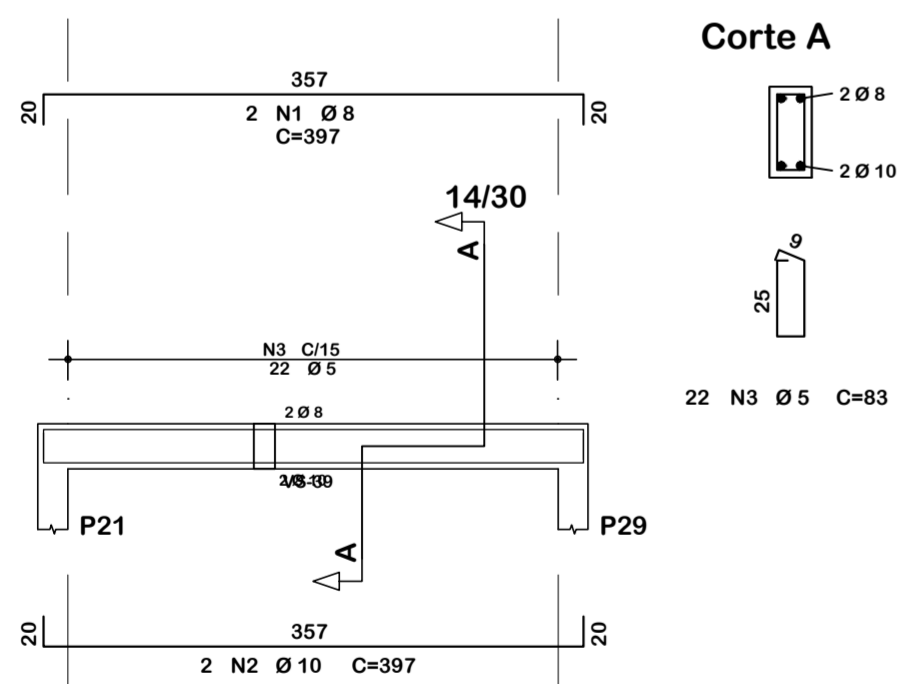
**VS-10**



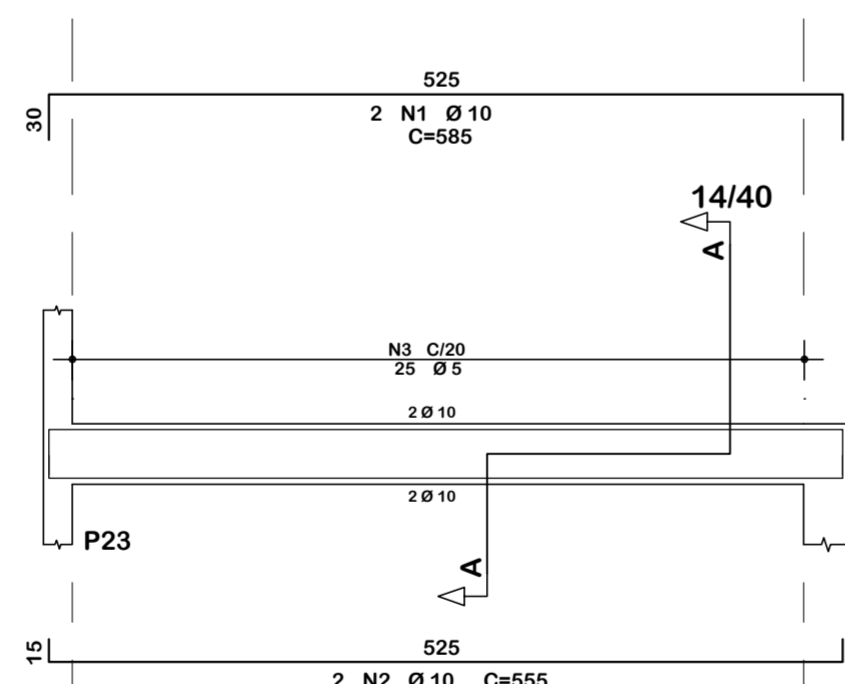
**VS-11**



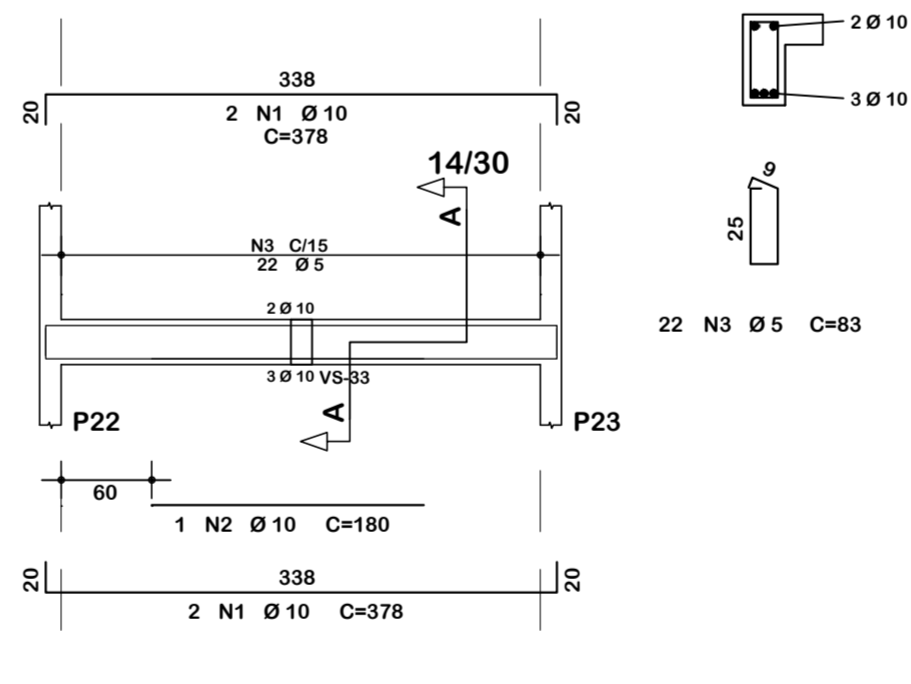
**VS-12**



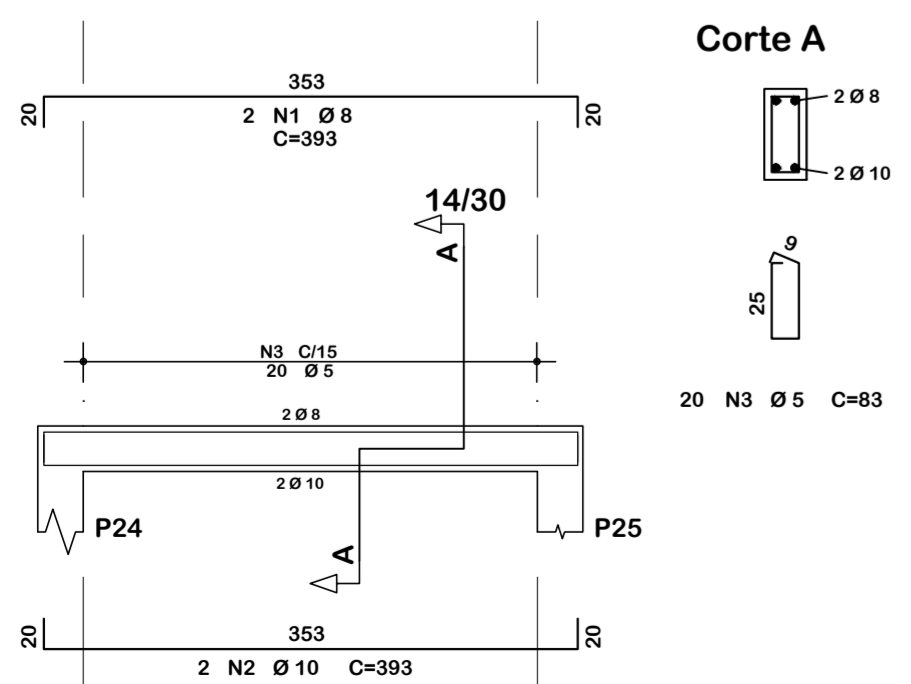
**VS-13**



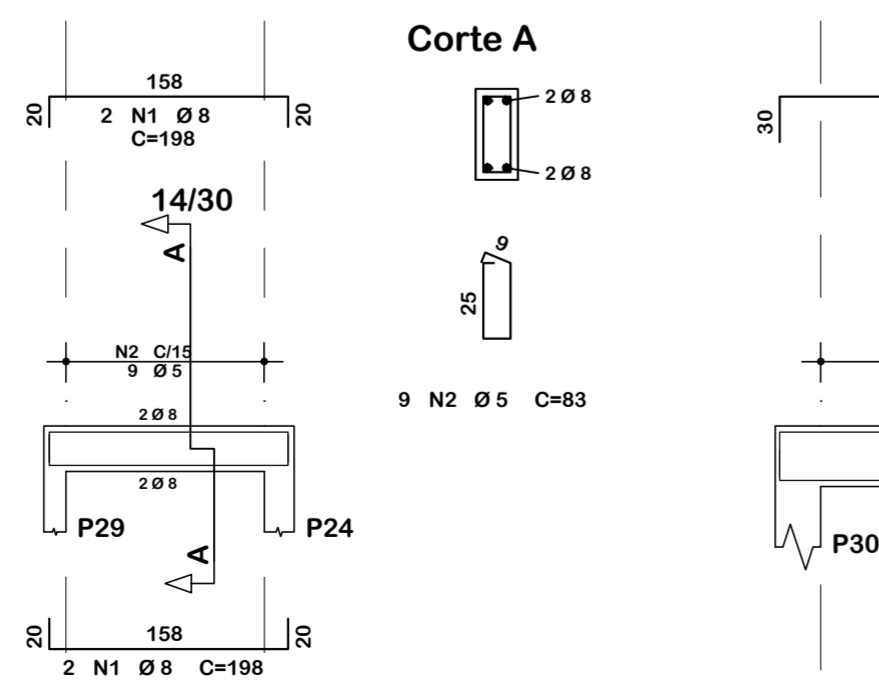
**VS-14**



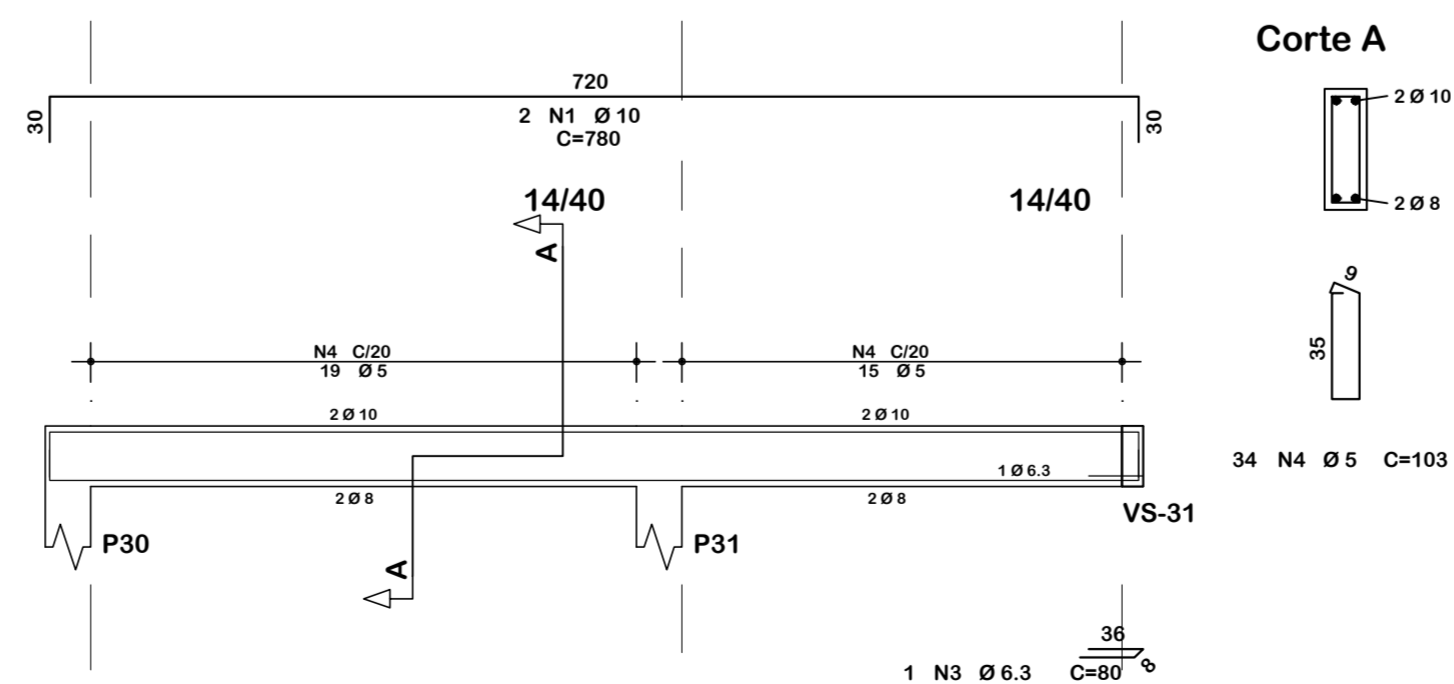
**VS-15**



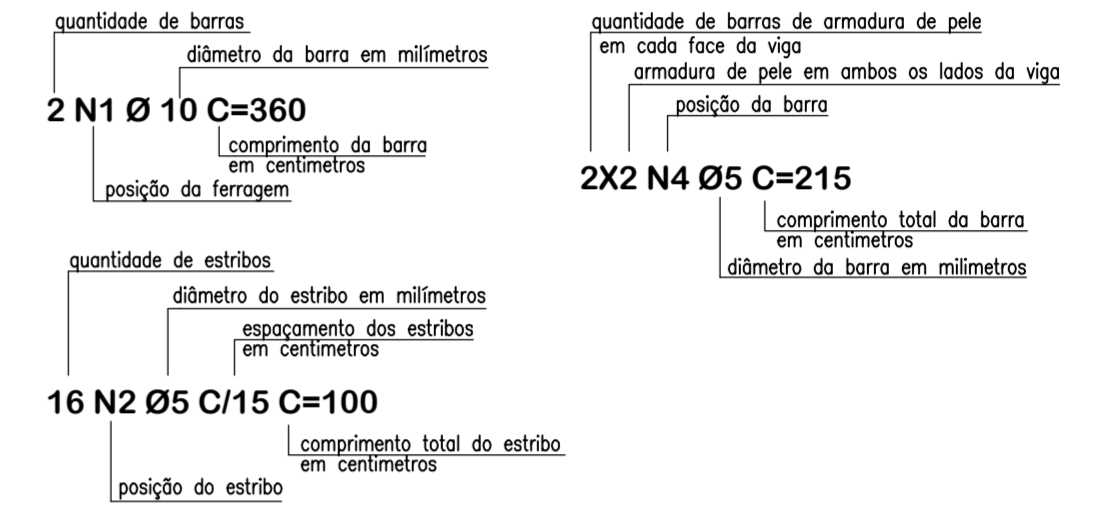
**VS-16**



**VS-17**



**Legenda: Ferragem**



**Notas gerais**

- Materiais:**
- Aço.....: CA50 e CA60
  - Concreto Estrutura....: 25 MPa (250 kgf/cm<sup>2</sup>)
  - Concreto Sapatas.....: 25 MPa (250 kgf/cm<sup>2</sup>)
  - Deve ser mantido cura úmida do concreto por 7 dias
  - Deve ser mantido o escoramento por no mínimo por 21 dias
  - Só poderão ser executadas paredes após 28 dias da concretagem
  - Deve ser utilizado espaçadores plásticos para garantir o recobrimento dos elementos
  - Todas as cotas em centímetros, exceto cotas de níveis que estão em metros
- Recobrimentos:**
- Vigas.....: 2.5cm
  - Pilares.....: 2.5cm
  - Lajes.....: 2.0cm
  - Sapatas.....: 5.0cm



**AMERIOS**

**ASSOCIAÇÃO DOS MUNICÍPIOS DO ENTRE RIOS-SC**

BOM JESUS DO OESTE-CAIBI-CAMPO ERÉ-CUNHA PORÁ-CUNHATAI-FLOR DO SERTÃO  
IRACEMINHA-MARAVILHA-MODELO-PALMITOS-RIQUEZA-ROMELÂNDIA-SALTINHO  
SANTA TEREZINHA DO PROGRESSO-SÃO MIGUEL DA ADA VISTA-SAUADADES-TIGRINHOS

ENDEREÇO: Av. Euclides da Cunha, 160 - Cx. P. 47 - Centro  
89.874-000 - MARAVILHA - Santa Catarina  
Fone/Fax: (0\*\*49) 3664-0282- e-mail:amerios@amerios.org.br  
CNPJ 00.961.206/0001-88



**MUNICÍPIO DE FLOR DO SERTÃO / SC**

OBRA: PROJETO ESTRUTURAL  
AMPLIAÇÃO DO PRÉ ESCOLAR PADRE LUIZ  
MUHL - 2ª ETAPA

RESPONSÁVEL TÉCNICO: <b>RAFAEL CASSOL BASSO</b>		ASS. RESP. TÉCNICO:	
ENGENHEIRO CIVIL			
CREA / SC: 112.213-2			
ESPECIFICAÇÕES: <b>DETALHAMENTO: VIGAS SUPERIORES</b>			
PROPRIETÁRIO: <b>MUNICÍPIO DE FLOR DO SERTÃO/SC</b>		ASS. DO PREFEITO:	
LOCAL: RUA TEREZINHA SERVIERI		FOLHA:	
DESENHO: RAFAEL CASSOL BASSO		Nº DESENHO: Engenharia/Projetos 2018/Flor do Sertão	
DATA: JUNHO / 2018		ÁREA: 327,30 m <sup>2</sup>	
		ESCALA: Indicado	