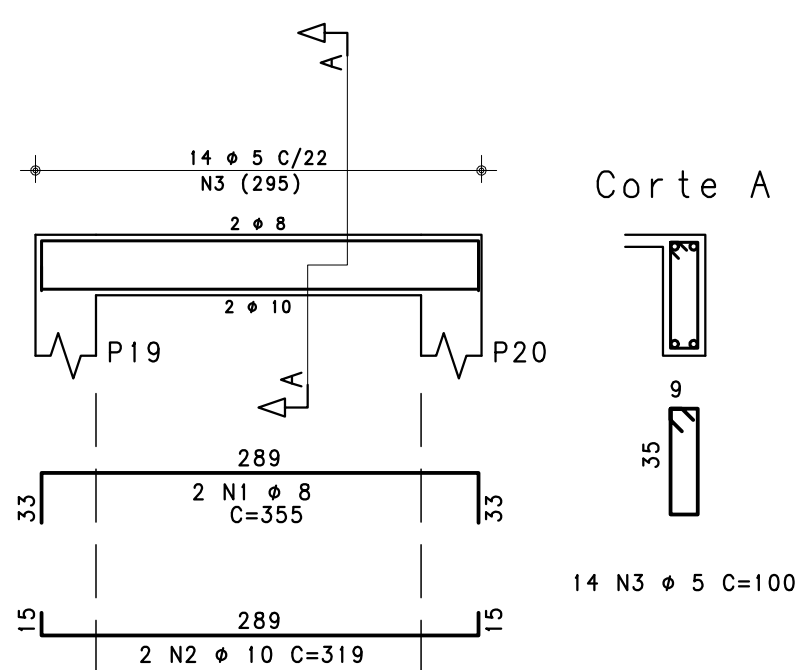
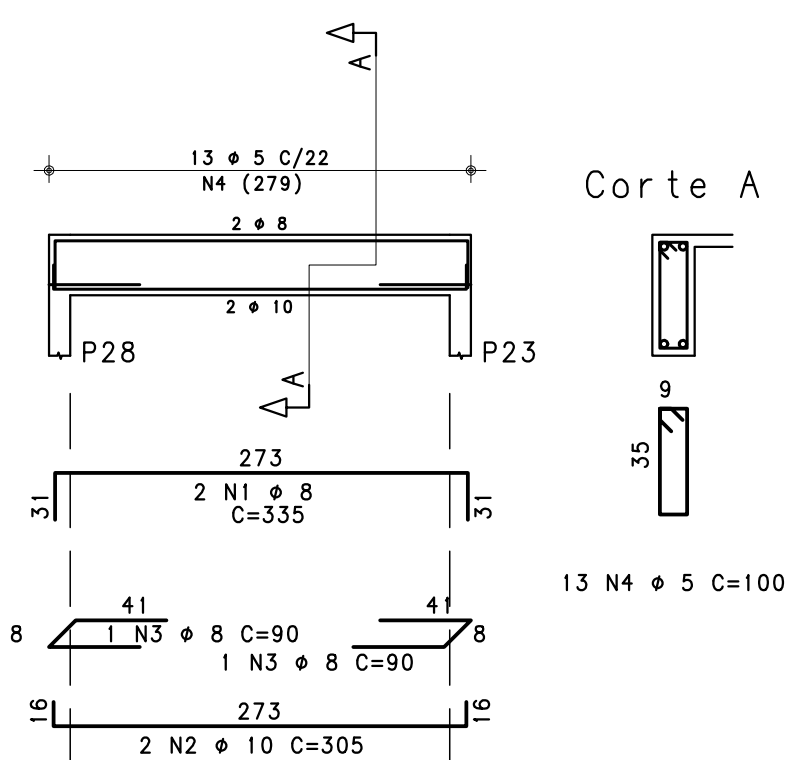


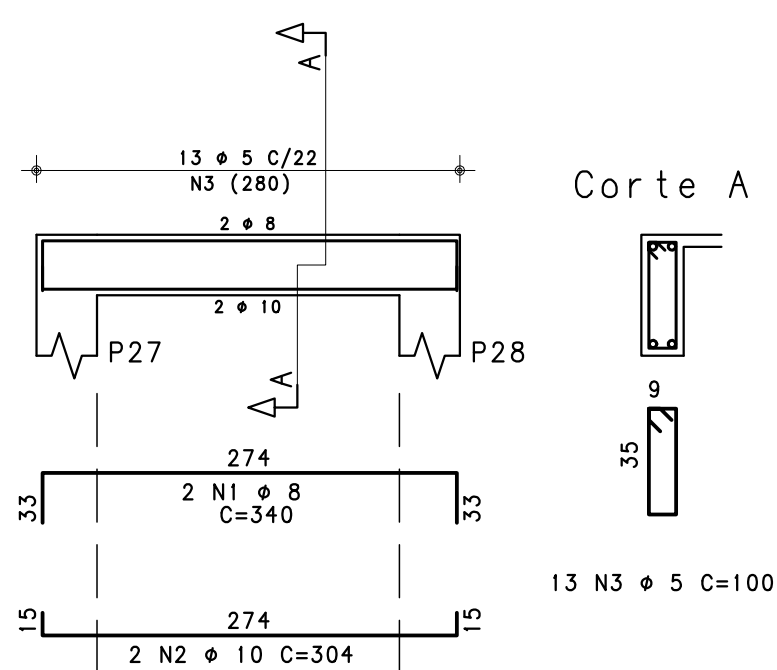
V108 14/40



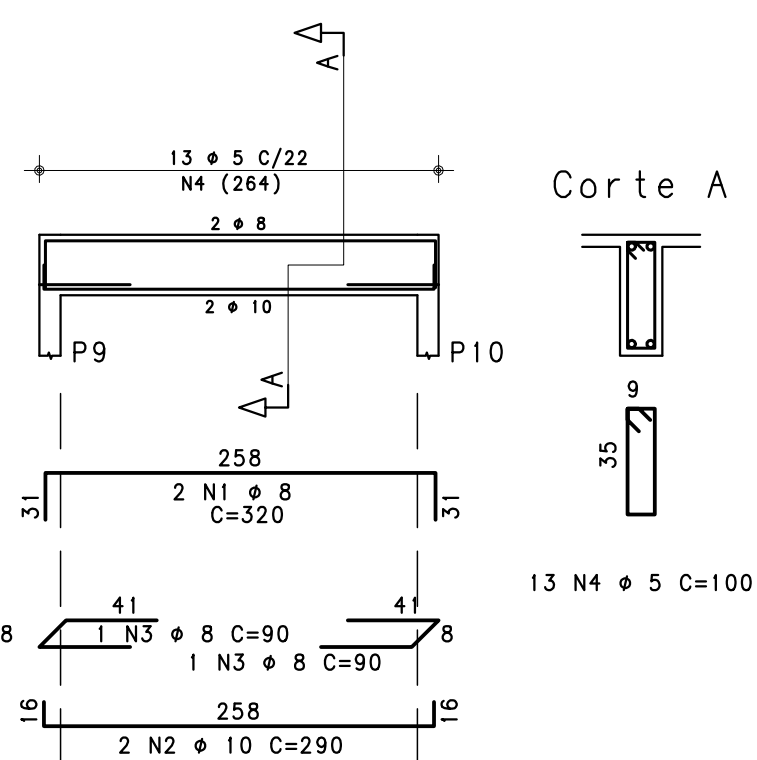
V116 14/40



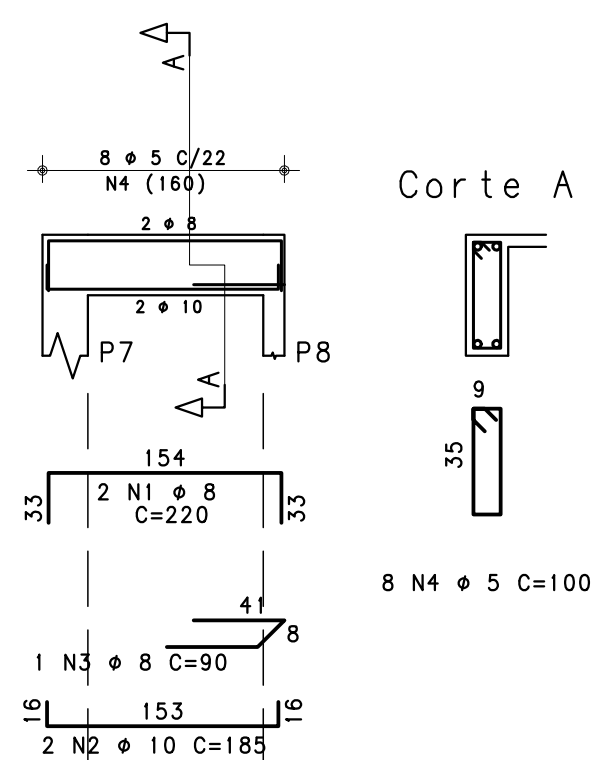
V112 14/40



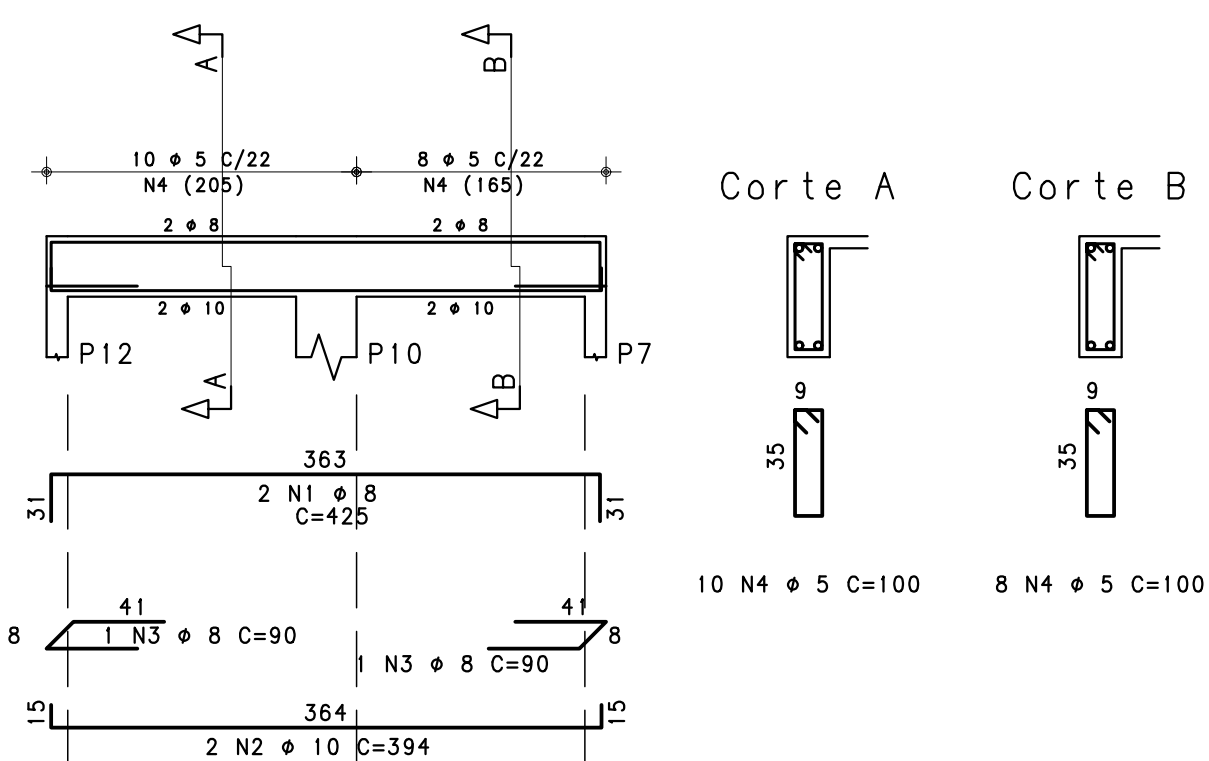
V104 14/40



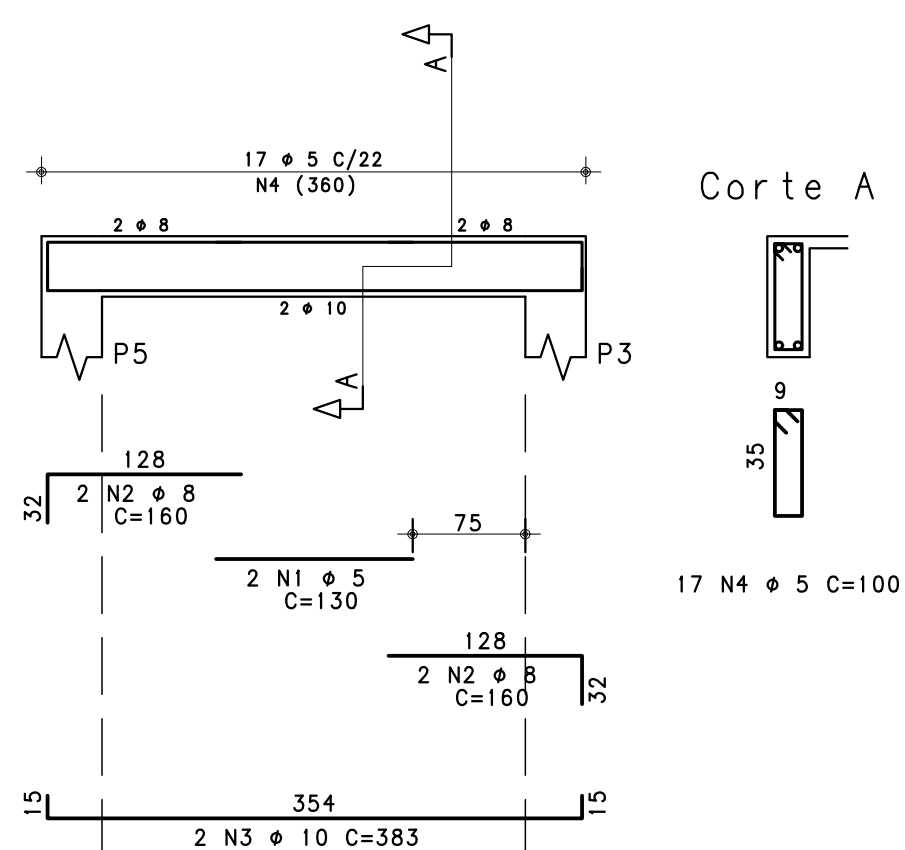
V103 14/40



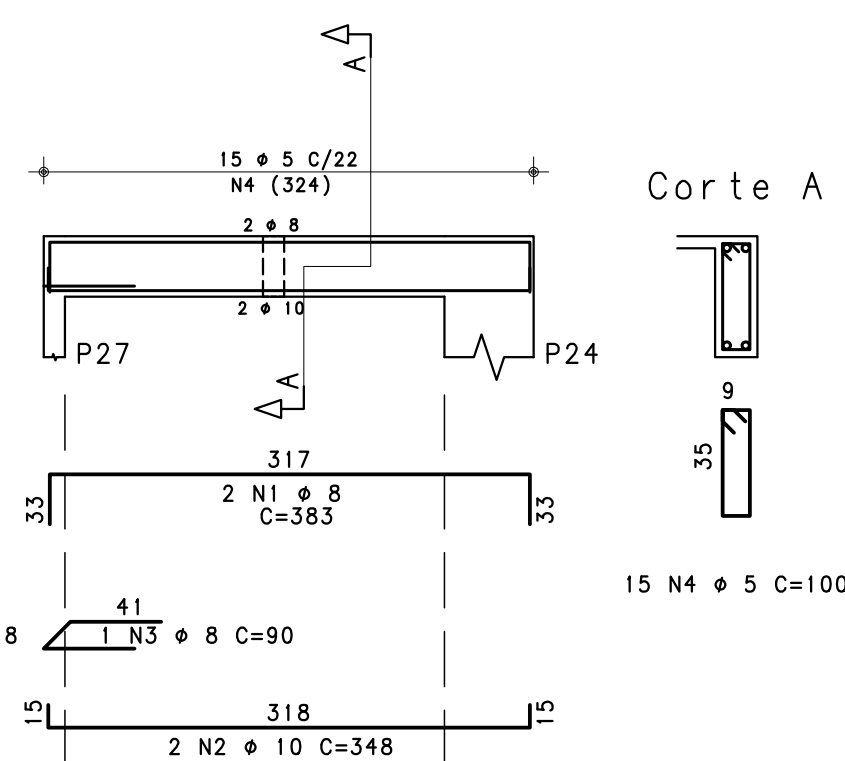
V118 14/40



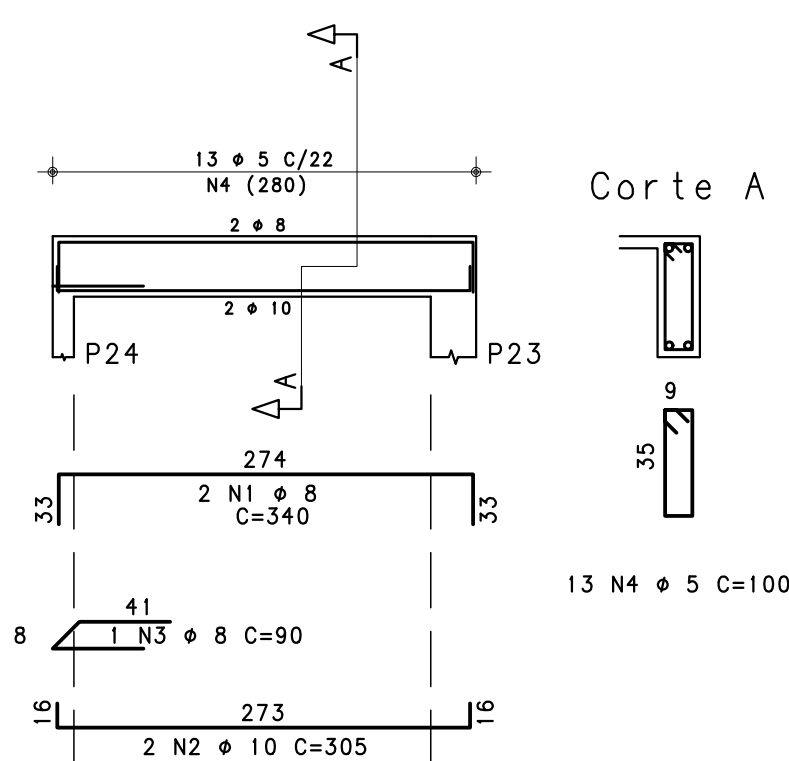
V122 14/40



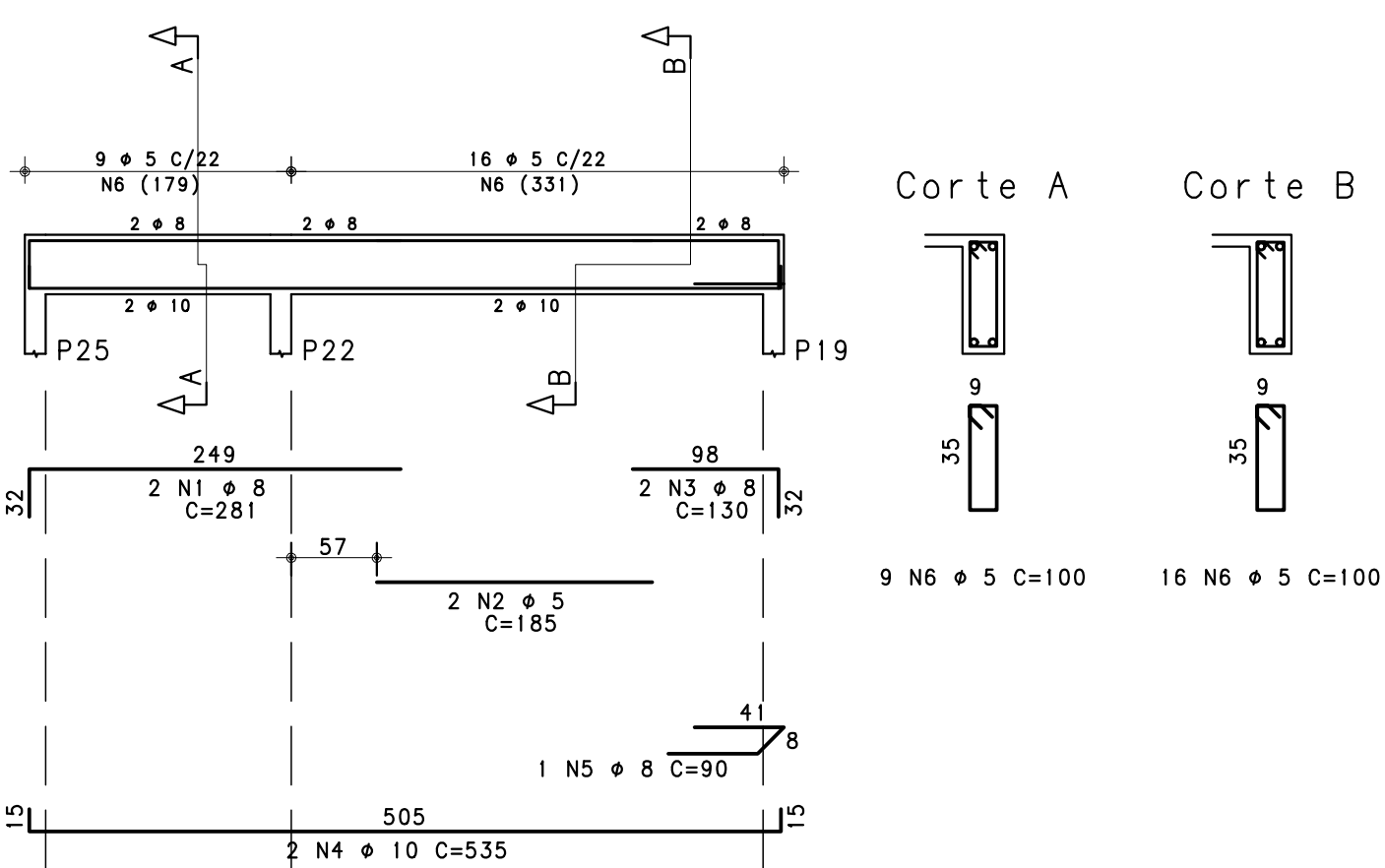
V115 14/40



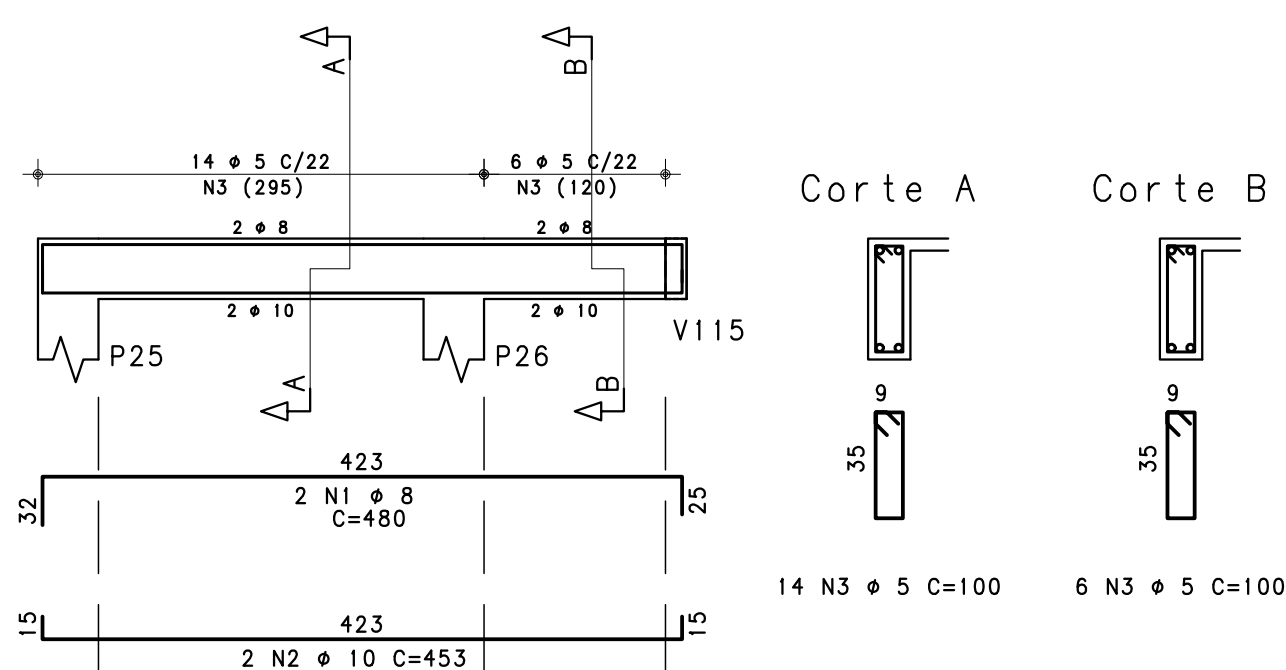
V110 14/40



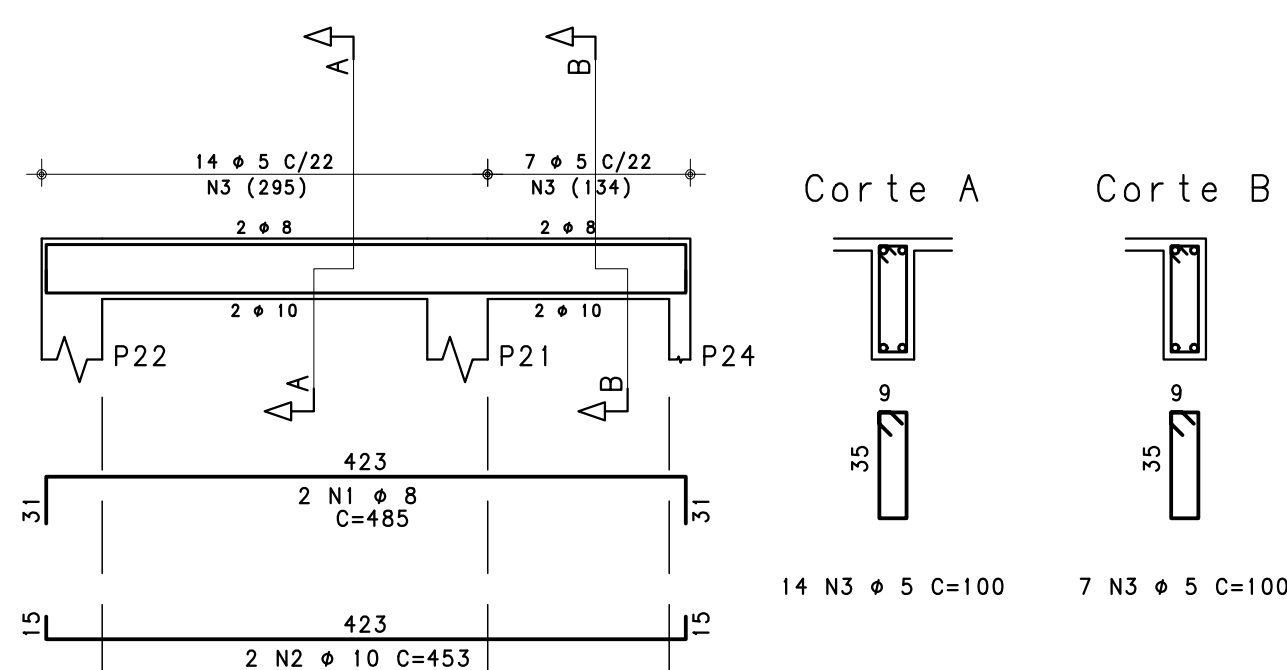
V113 14/40



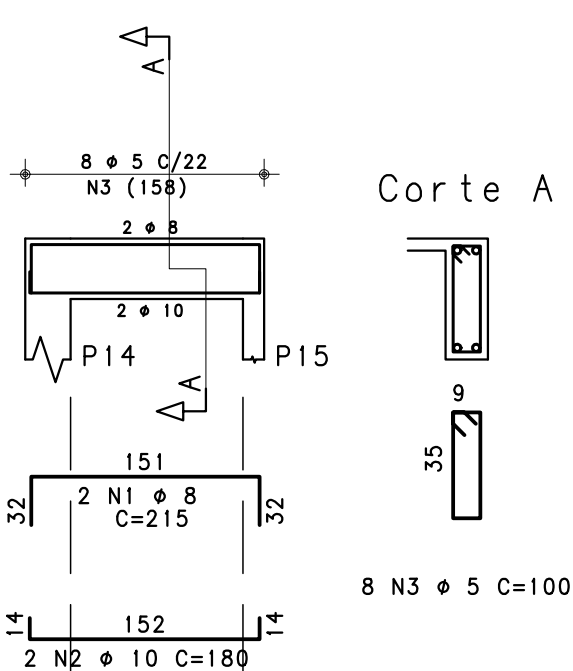
V111 14/40



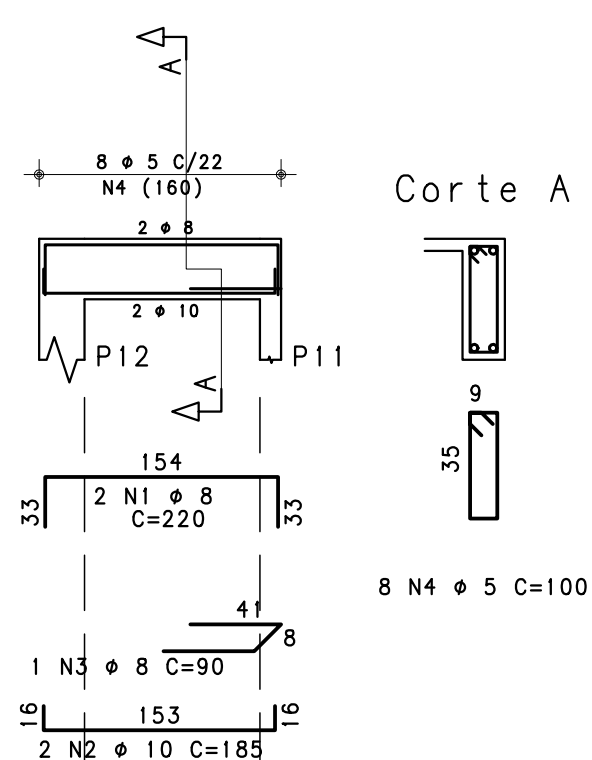
V109 14/40



V106 14/40



V105 14/40



| | ACO | POS | BIT (mm) | QUANT | COMPRIMENTO | |
|------|-----|-----|-------------|-------|--------------|---------------|
| | | | | | UNIT (cm) | TOTAL (cm) |
| V103 | | | | | | |
| | 50A | 1 | 8 | 2 | 220 | 440 |
| | 50A | 2 | 10 | 2 | 185 | 370 |
| | 50A | 3 | 8 | 1 | 90 | 90 |
| | 60B | 4 | 5 | 8 | 100 | 800 |
| V104 | | | | | | |
| | 50A | 1 | 8 | 2 | 320 | 640 |
| | 50A | 2 | 10 | 2 | 290 | 580 |
| | 50A | 3 | 8 | 2 | 90 | 180 |
| | 60B | 4 | 5 | 13 | 100 | 1300 |
| V105 | | | | | | |
| | 50A | 1 | 8 | 2 | 220 | 440 |
| | 50A | 2 | 10 | 2 | 185 | 370 |
| | 50A | 3 | 8 | 1 | 90 | 90 |
| | 60B | 4 | 5 | 8 | 100 | 800 |
| V106 | | | | | | |
| | 50A | 1 | 8 | 2 | 215 | 430 |
| | 50A | 2 | 10 | 2 | 180 | 360 |
| | 60B | 3 | 5 | 8 | 100 | 800 |
| V108 | | | | | | |
| | 50A | 1 | 8 | 2 | 355 | 710 |
| | 50A | 2 | 10 | 2 | 319 | 638 |
| | 60B | 3 | 5 | 14 | 100 | 1400 |
| V109 | | | | | | |
| | 50A | 1 | 8 | 2 | 485 | 970 |
| | 50A | 2 | 10 | 2 | 453 | 906 |
| | 60B | 3 | 5 | 21 | 100 | 2100 |
| V110 | | | | | | |
| | 50A | 1 | 8 | 2 | 340 | 680 |
| | 50A | 2 | 10 | 2 | 305 | 610 |
| | 50A | 3 | 8 | 1 | 90 | 90 |
| | 60B | 4 | 5 | 13 | 100 | 1300 |
| V112 | | | | | | |
| | 50A | 1 | 8 | 2 | 340 | 680 |
| | 50A | 2 | 10 | 2 | 304 | 608 |
| | 60B | 3 | 5 | 13 | 100 | 1300 |
| V113 | | | | | | |
| | 50A | 1 | 8 | 2 | 281 | 562 |
| | 60B | 2 | 5 | 2 | 185 | 370 |
| | 50A | 3 | 8 | 2 | 130 | 260 |
| | 50A | 4 | 10 | 2 | 535 | 1070 |
| | 50A | 5 | 8 | 1 | 90 | 90 |
| | 60B | 6 | 5 | 25 | 100 | 2500 |
| V115 | | | | | | |
| | 50A | 1 | 8 | 2 | 383 | 766 |
| | 50A | 2 | 10 | 2 | 348 | 696 |
| | 50A | 3 | 8 | 1 | 90 | 90 |
| | 60B | 4 | 5 | 15 | 100 | 1500 |
| V116 | | | | | | |
| | 50A | 1 | 8 | 2 | 335 | 670 |
| | 50A | 2 | 10 | 2 | 305 | 610 |
| | 50A | 3 | 8 | 2 | 90 | 180 |
| | 60B | 4 | 5 | 13 | 100 | 1300 |
| V118 | | | | | | |
| | 50A | 1 | 8 | 2 | 425 | 850 |
| | 50A | 2 | 10 | 2 | 394 | 788 |
| | 50A | 3 | 8 | 2 | 90 | 180 |
| | 60B | 4 | 5 | 18 | 100 | 1800 |
| V122 | | | | | | |
| | 60B | 1 | 5 | 2 | 130 | 260 |
| | 50A | 2 | 8 | 4 | 160 | 640 |
| | 50A | 3 | 10 | 2 | 383 | 766 |
| | 60B | 4 | 5 | 17 | 100 | 1700 |
| V111 | | | | | | |
| | 50A | 1 | 8 | 2 | 480 | 960 |
| | 50A | 2 | 10 | 2 | 453 | 906 |
| | 60B | 3 | 5 | 20 | 100 | 2000 |

| RESUMO AÇO CA 50-60 | | | |
|---------------------|-------------|--------------|--------------|
| ACO | BIT (mm) | COMPR (m) | PESO (kg) |
| 60B | 5 | 212 | 33 |
| 50A | 8 | 107 | 42 |
| 50A | 10 | 93 | 57 |
| Peso Total | | 60B = | 33 kg |
| Peso Total | | 50A = | 99 kg |

NESTA FOLHA:

V103 / V104 / V105 / V106 / V108 / V109 / V110 / V111 / V112 / V113 / V115 / V116 / V118 / V122

| | | | |
|--|----------|--|------------------|
| 01 | 26/11/14 | REVISADAS GUARITAS E PALCO PRACA CONFORME NOVA ARQUITETURA | ÁREA TÉCNICA: |
| 00 | 17/06/14 | EMIÇÃO INICIAL | ESTRUTURA |
| REV. N° | DATA | MODIFICAÇÕES | FASE DO PROJETO: |
| PROJETO: | | | EXECUTIVO |
| 3Delta SERVICOS | | | DESENHISTA: |
| www.3delta.com.br | | | MIGUEL Q. |
| RUA VASCO FERNANDES COUTINHO, 67 TAQUARAL - CAMPINAS/SP TEL: (19) 3291-4009 | | | PRANCHA: |
| OBRA: Parque Ecológico | | | 107/2014 |
| LOCALIZAÇÃO: Estrada Antonio da Silva Machado, Santa Mariana | | | REVISÃO: |
| TÍTULO: PROJETO ESTRUTURAL | | | 01 |
| ARMAÇÃO DE VIGAS COBERTURA | | | 554 |
| GUARITA E PALCO (PARQUE ECOLOGICO) | | | ESCALA: |
| PROPRIETÁRIO: | | | 1/50 |
| Prefeitura Municipal de Santa Mariana | | | |

DETALHE P/ RAO DE DOBRAMENTO

