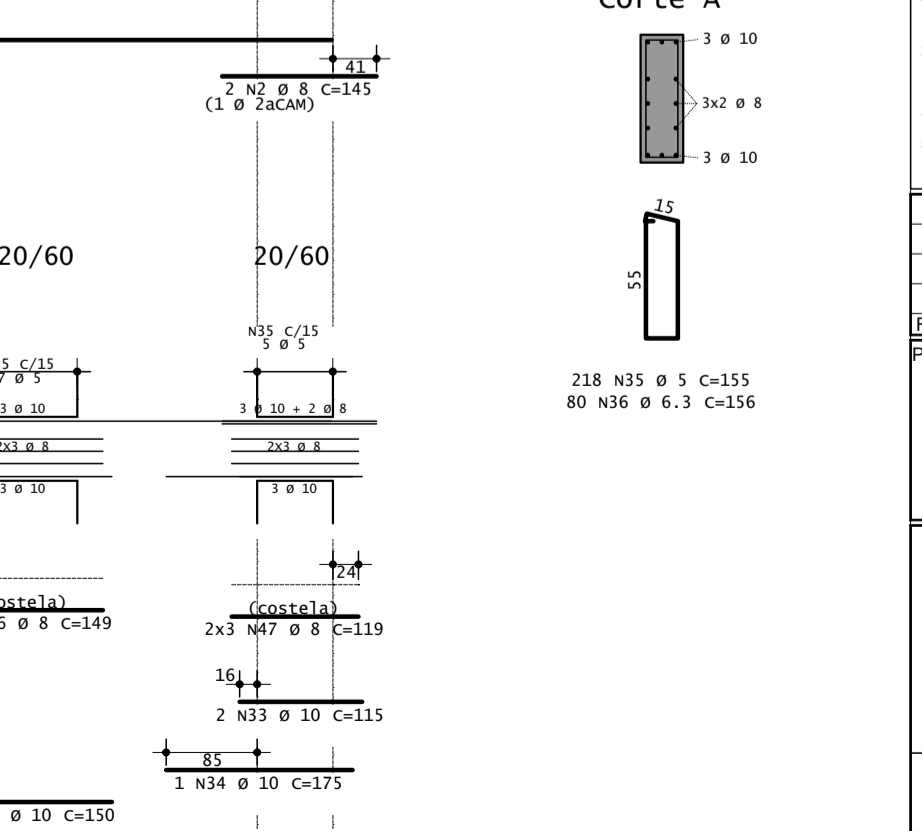
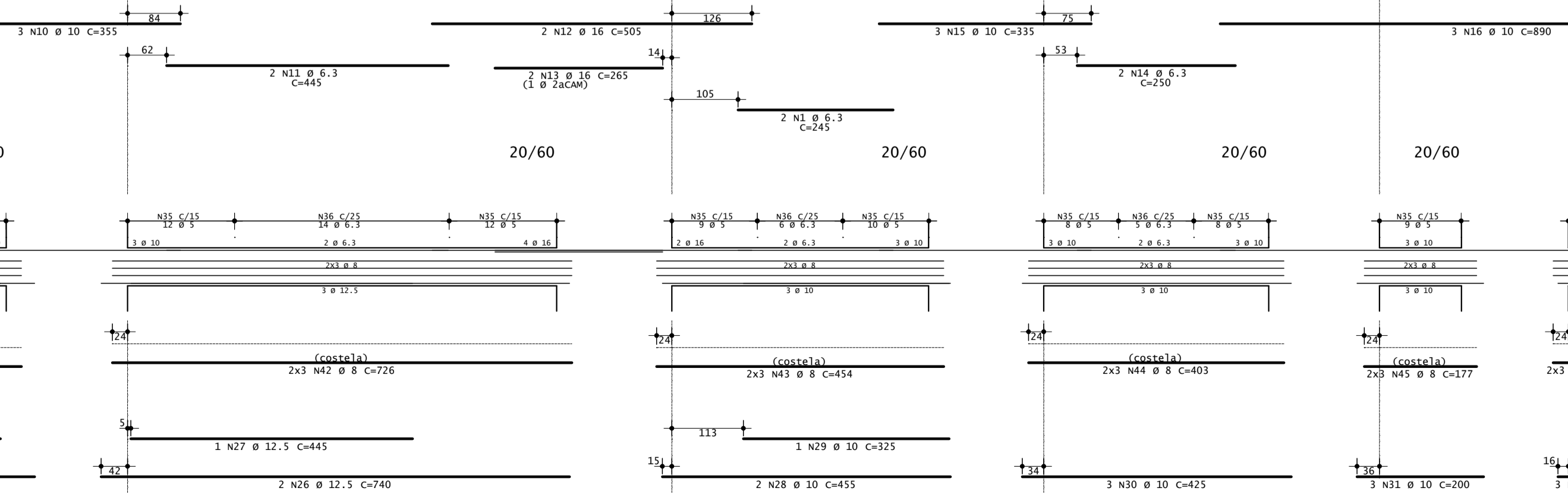
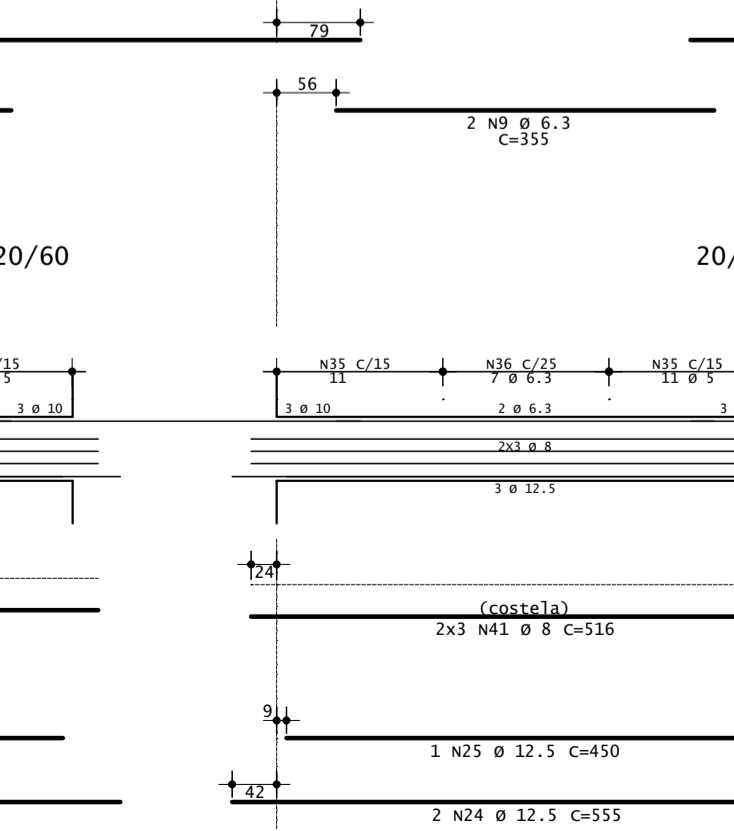
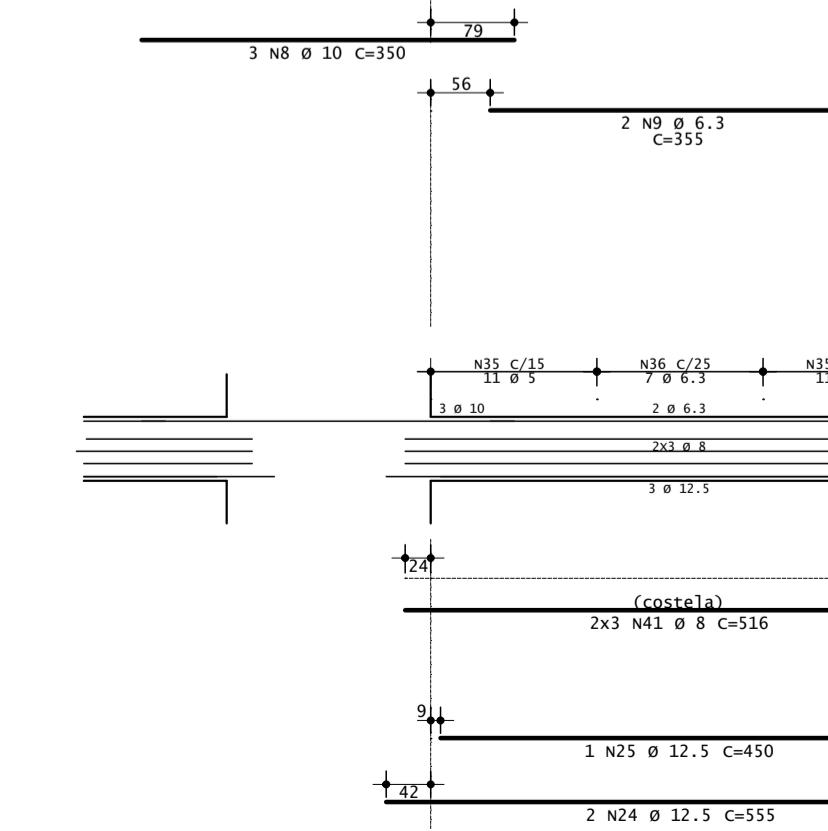
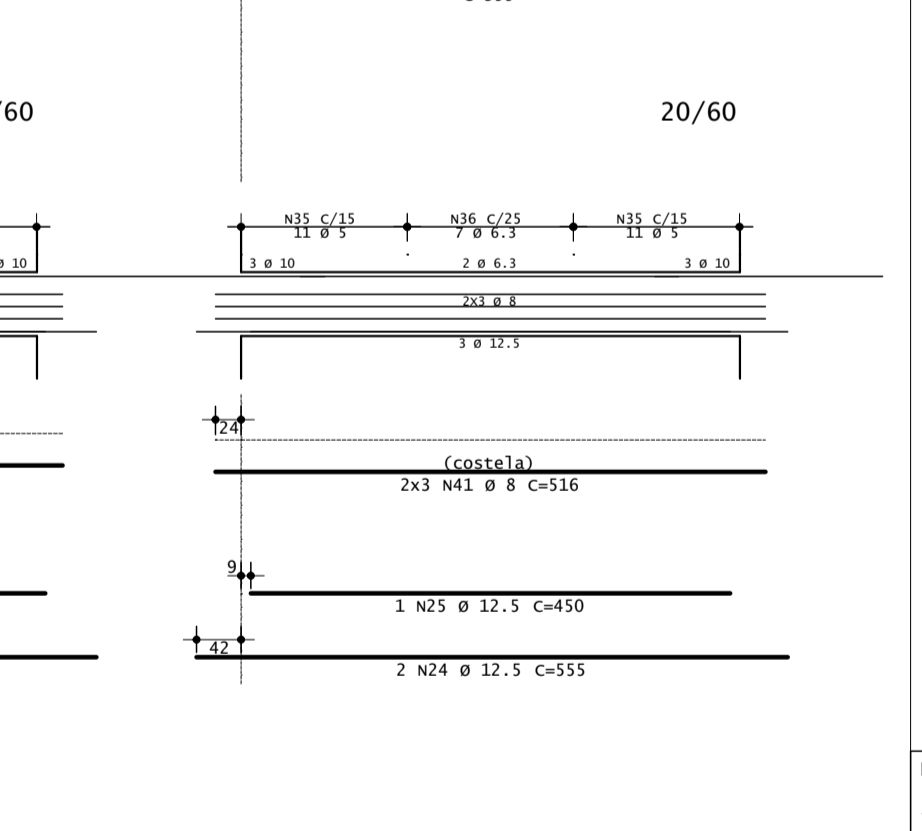
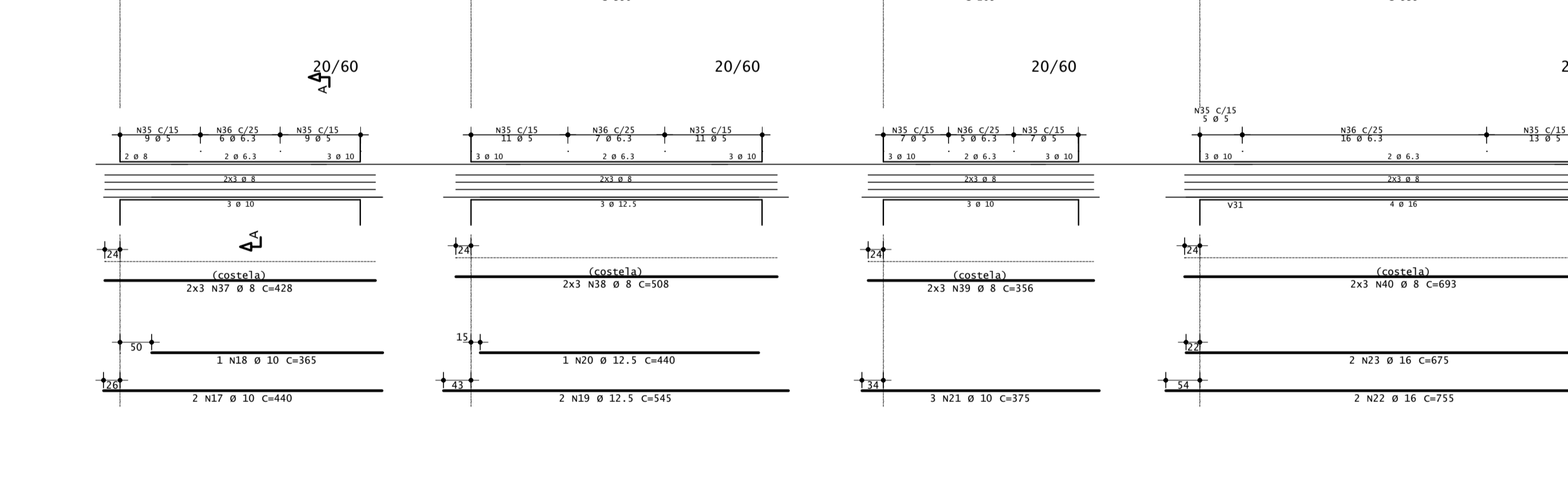
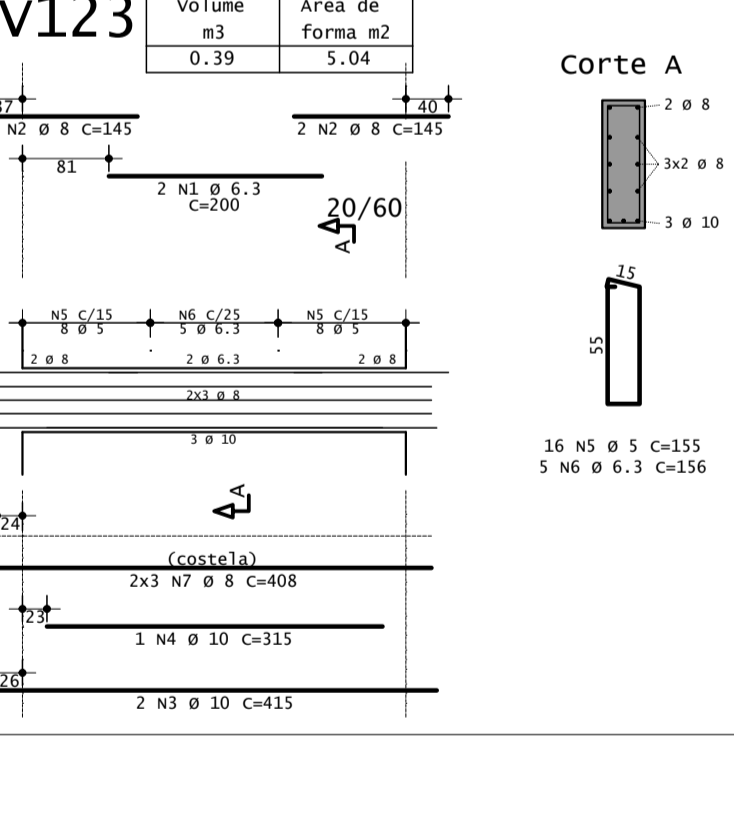
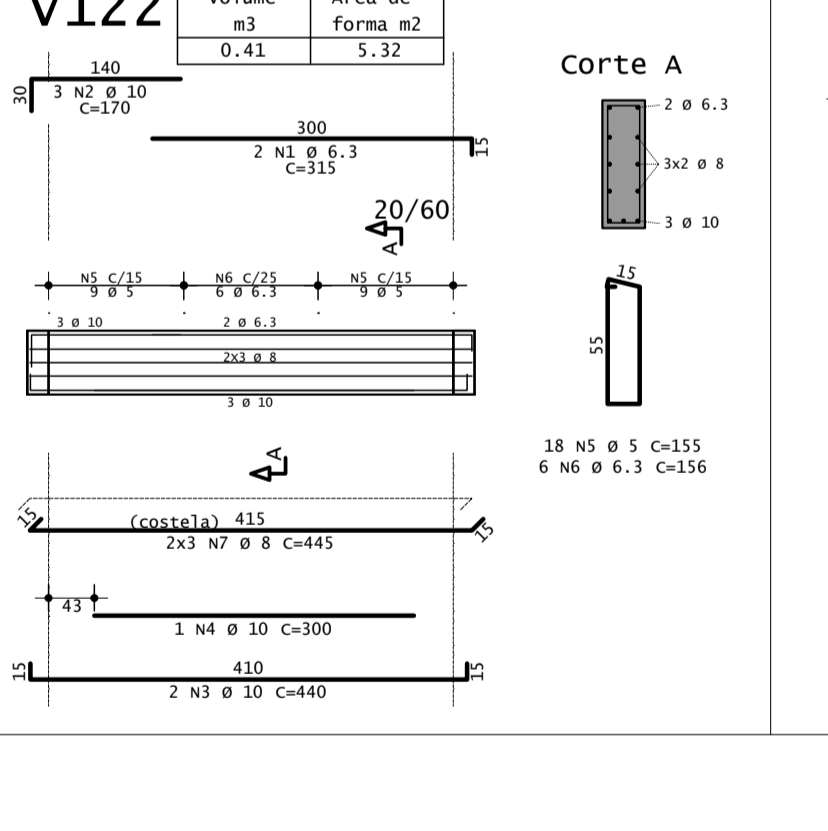
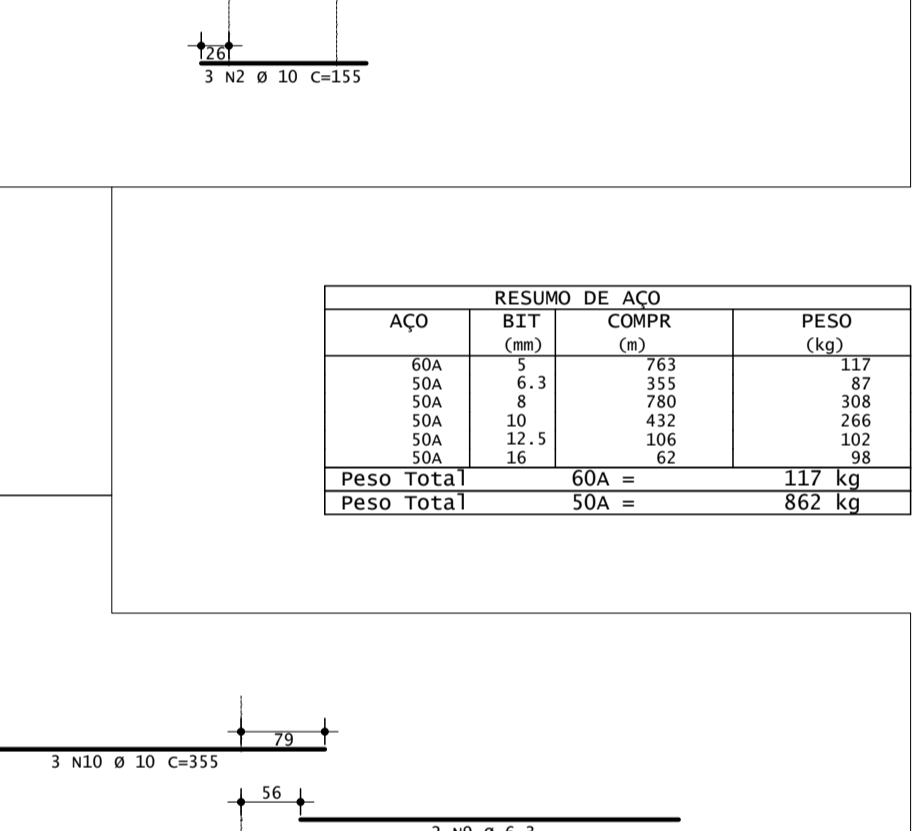
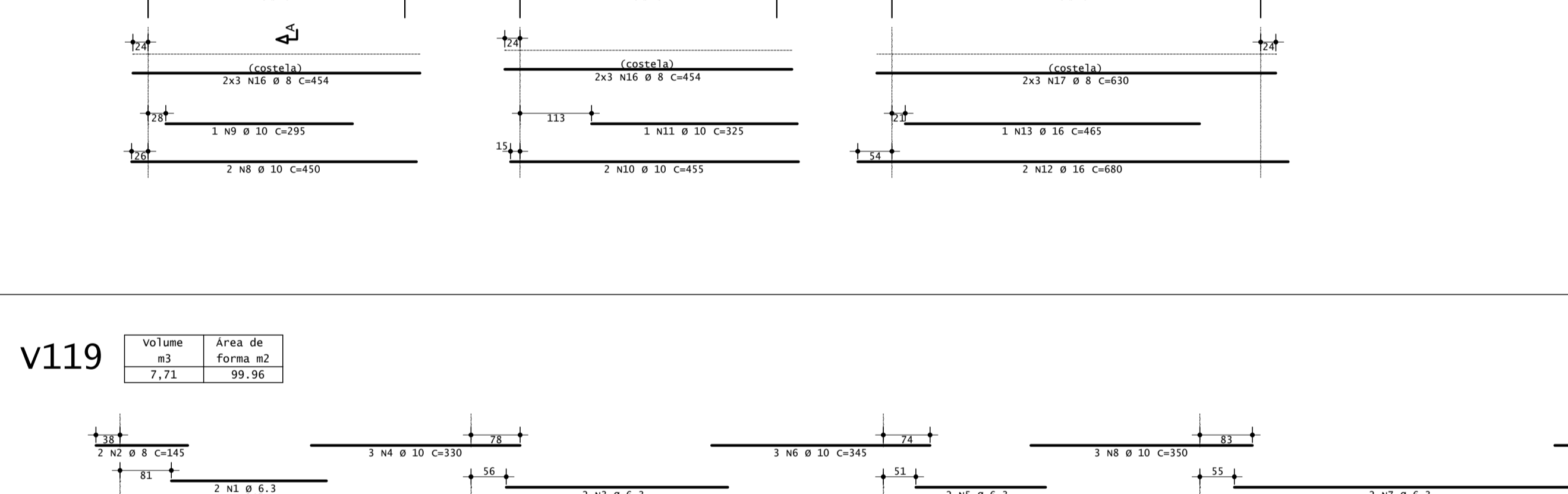
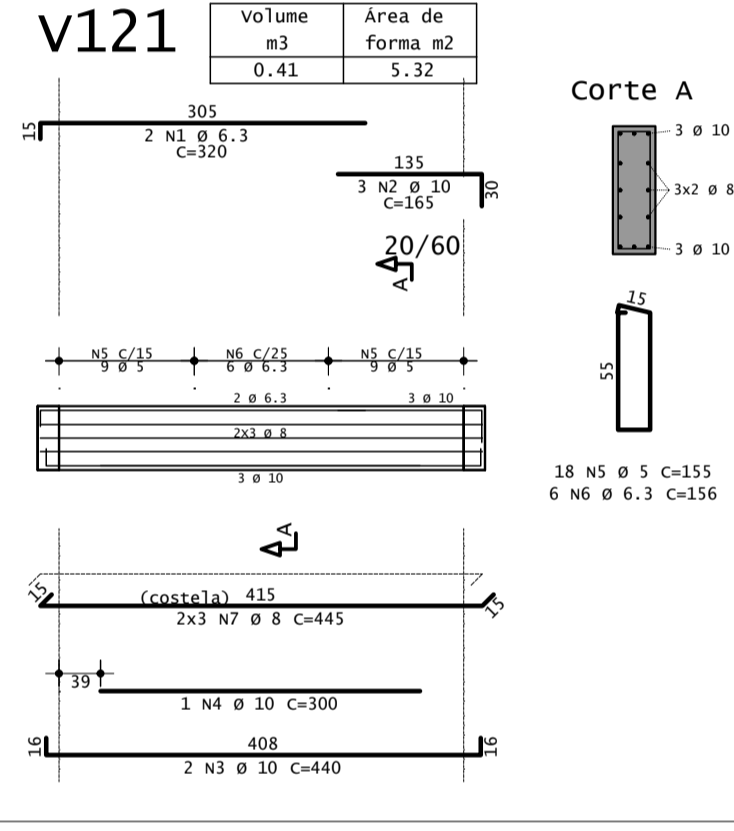
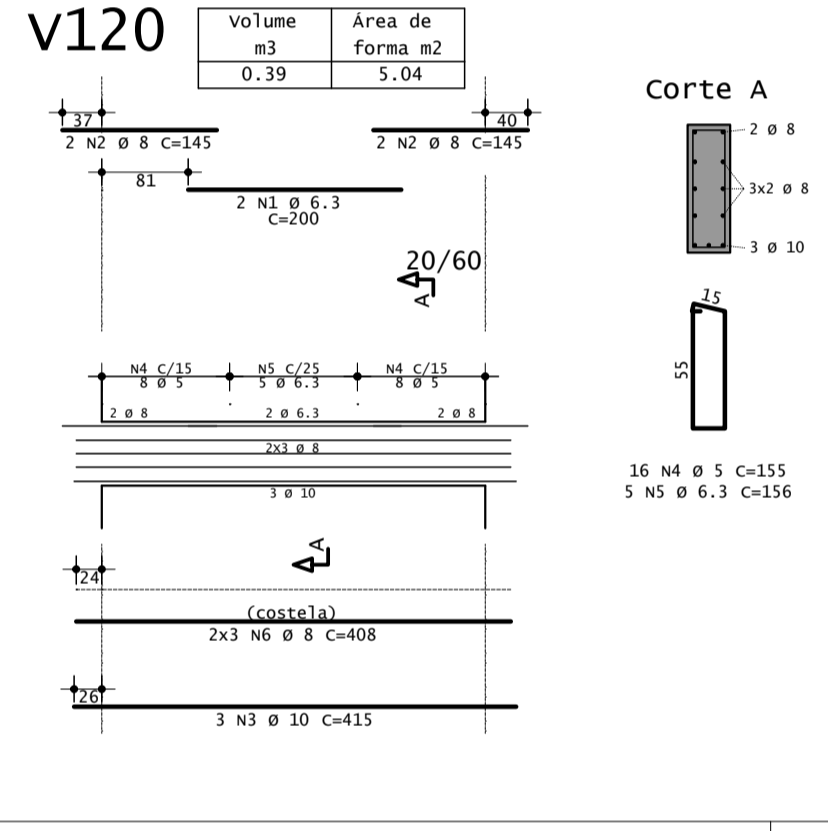
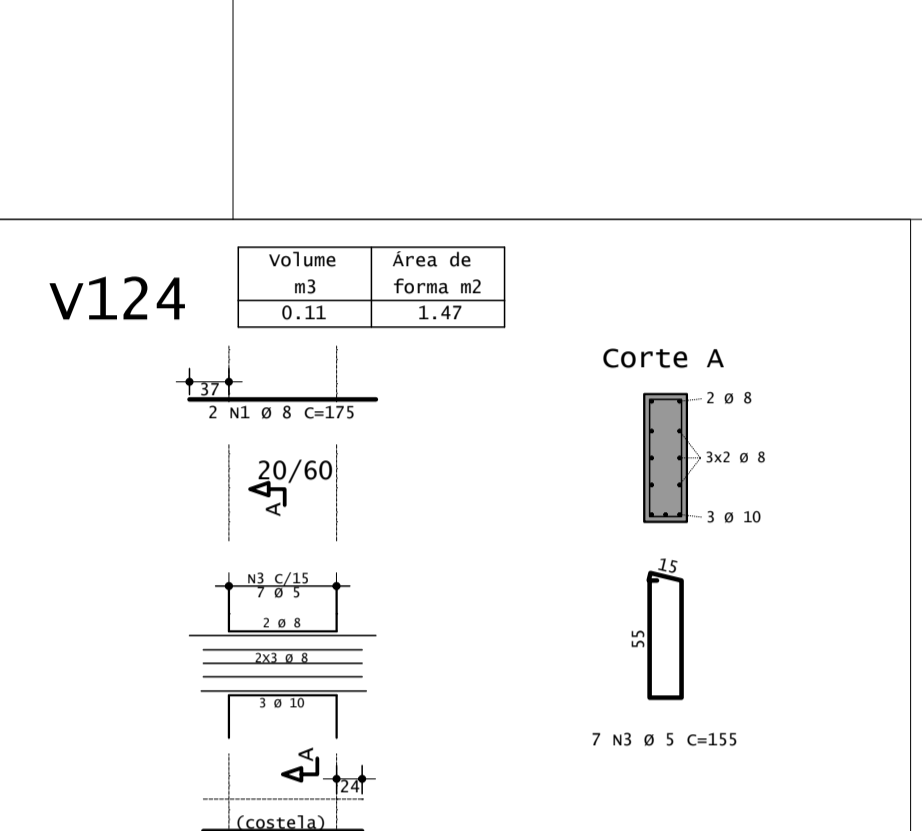
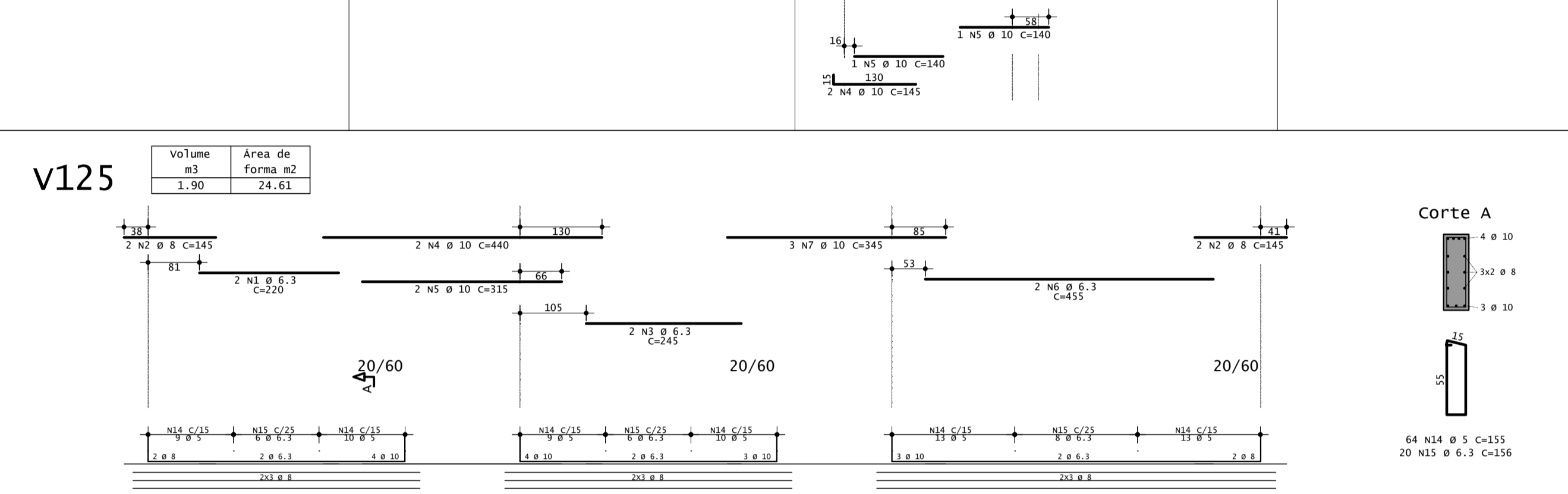
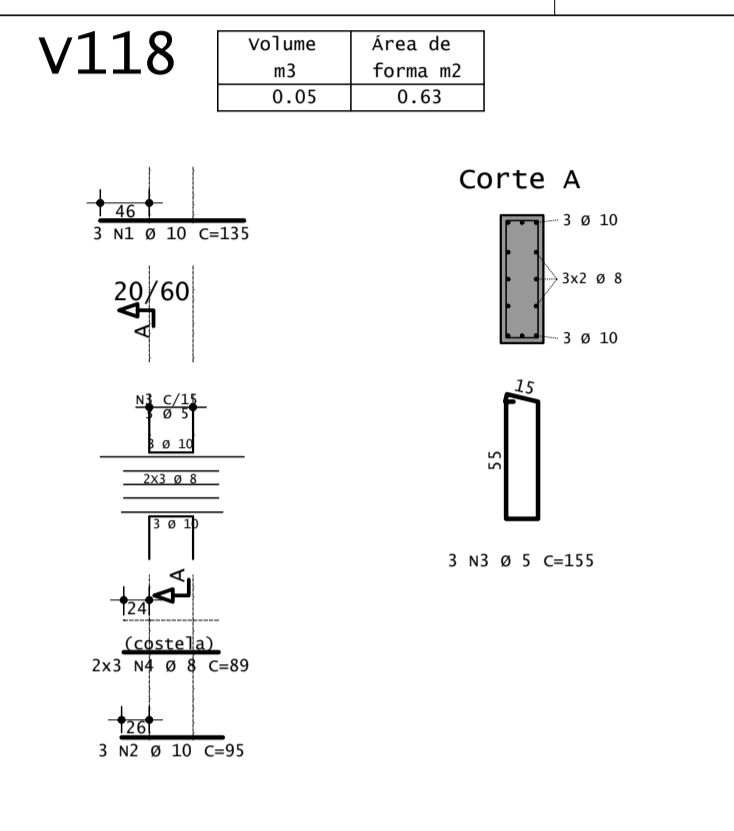
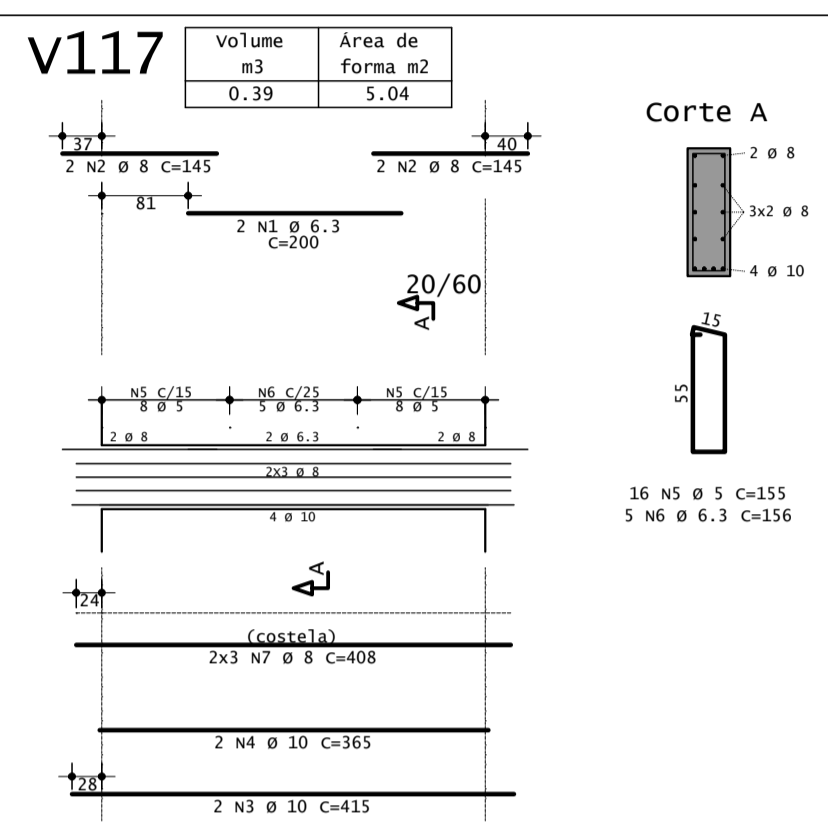


**V116**

| Volume | Área de forma |
|--------|---------------|
| m3     | m2            |
| 0.41   | 5.32          |



**RESUMO DE AÇO**

| ACO              | DIET | COMPR (m) | PESO (kg) |
|------------------|------|-----------|-----------|
| 60A              | 6.3  | 763       | 117       |
| 60A              | 8    | 355       | 87        |
| 60A              | 10   | 780       | 308       |
| 60A              | 12.5 | 432       | 266       |
| 60A              | 16   | 106       | 102       |
| 60A              | 16   | 62        | 98        |
| Peso Total 60A = |      |           | 117 kg    |
| Peso Total 50A = |      |           | 862 kg    |

- NOTAS DE PROJETO:**
- DIMENSÕES EM CM, EXCETO ONDE INDICADO.
  - O CONCRETO UTILIZADO DEVERÁ SER DA CLASSE C30 CONFORME DISCRIMINADO NA NBR 6118 (ABNT, 2014).
  - O CONTROLE DAS DIMENSÕES AQUI APRESENTADAS DEVERÁ SER RIGOROSO. QUALQUER DIVERGÊNCIA O PROJETISTA DEVERÁ SER CONSULTADO.
  - ALTERAÇÕES DO PROJETO DEVERÃO SER VALIDADAS PELO PROJETISTA.
  - COBRIMENTO MÍNIMO DAS ARMADURAS: 2.5 cm.

| REVI | DESCRIÇÃO                        | DESENHO | APROV. | DATA       |
|------|----------------------------------|---------|--------|------------|
| 2    | TABELA DE VOLUME E ÁREA DE FORMA | PJ/C    | PJ/C   | 04/04/2022 |
| 1    | TABELA DE VOLUME E ÁREA DE FORMA | PJ/C    | PJ/C   | 25/03/2022 |
| 0    | INICIAL                          | PJ/C    | PJ/C   | 18/10/2019 |

Projeto estrutural

**PROJECALC**  
ENGENHARIA

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Proprietário  
PREFEITURA MUNICIPAL DE PATO BRANCO

Endereço  
RUA BENJAMIN BORGES, BAIRRO FRARON, PATO BRANCO - PR

Escala  
INDICADA

Data  
10/2019

NUMERO  
D-032-CF-010

Obra

GINÁSIO DE ESPORTES PATO BRANCO

PROJETO EXECUTIVO

ARMADURAS DAS VIGAS BALDRAME - 10/10