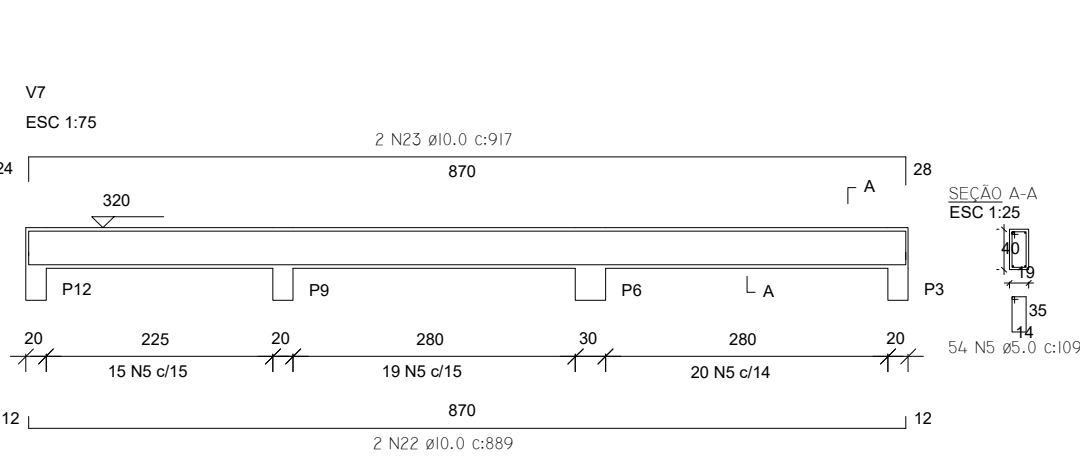
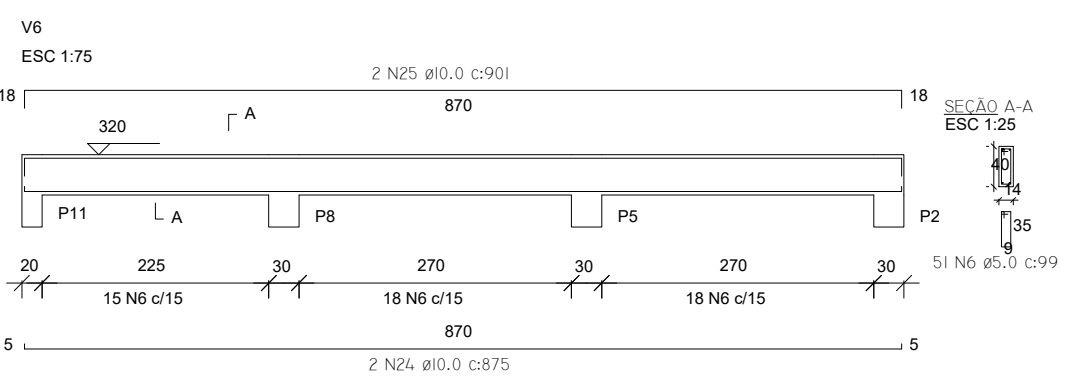
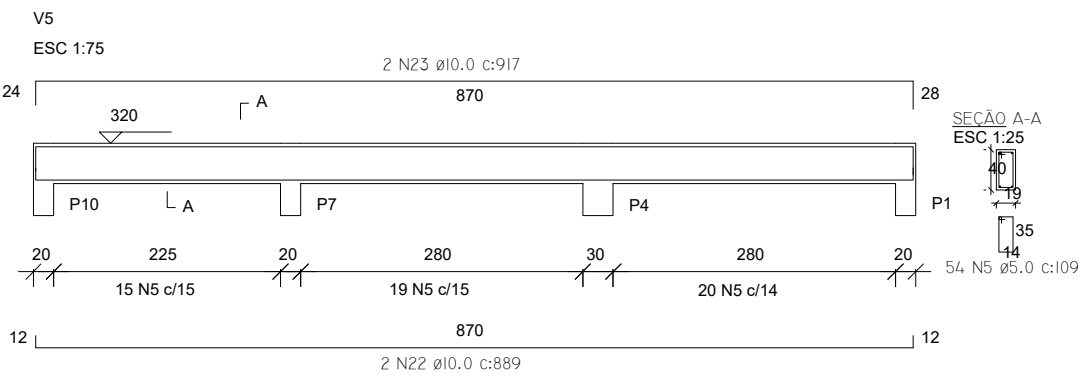
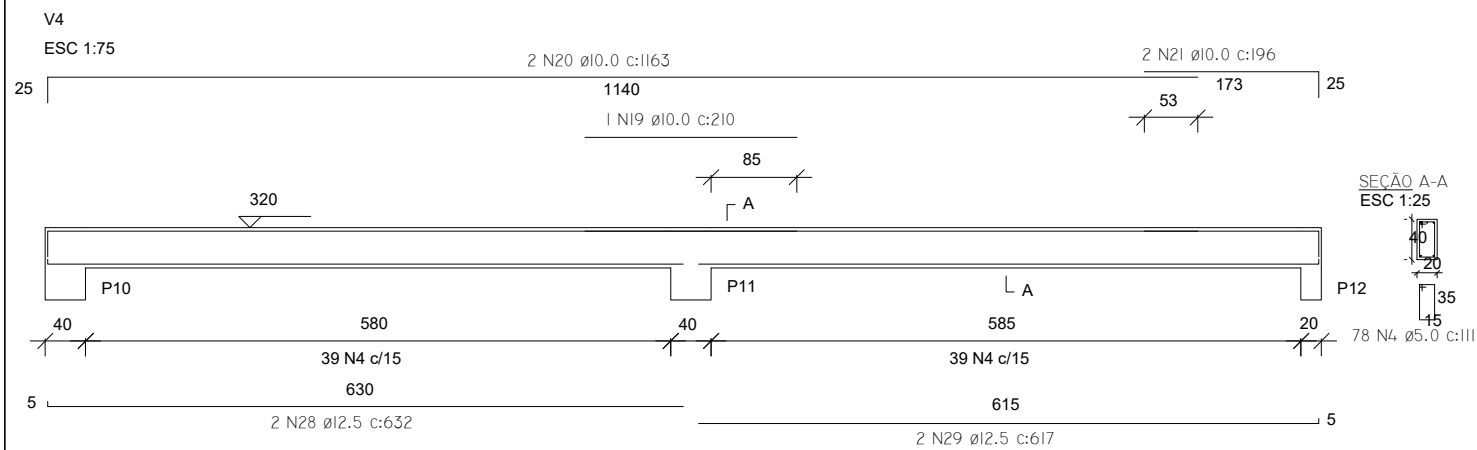
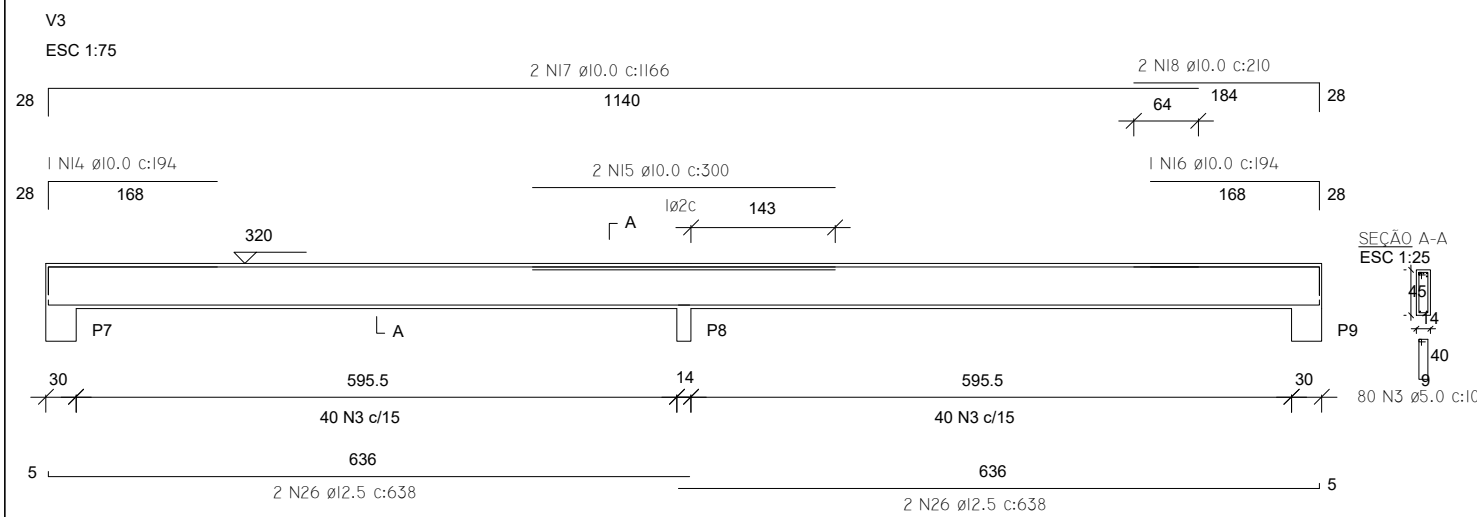
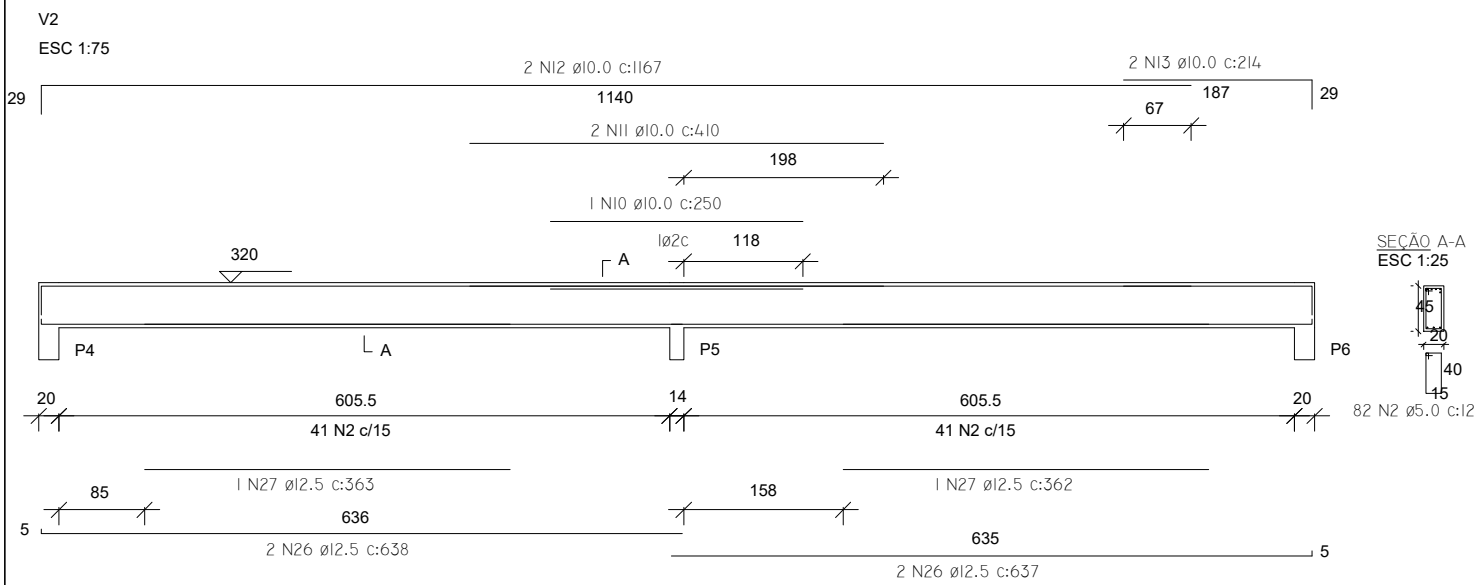
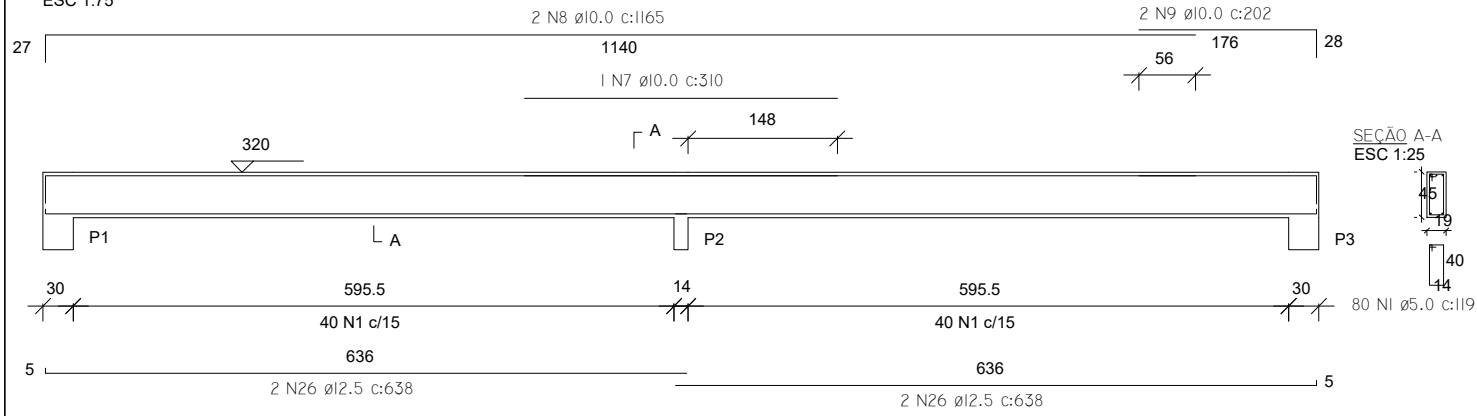


VI  
ESC 1:75



RELAÇÃO DO AÇO

| ACO  | N  | DIAM (mm) | QUANT | C.LIMIT (cm) | C.TOTAL (cm) |
|------|----|-----------|-------|--------------|--------------|
| CA60 | 1  | 5.0       | 80    | 119          | 9520         |
|      | 2  | 5.0       | 82    | 121          | 9922         |
|      | 3  | 5.0       | 80    | 109          | 8720         |
|      | 4  | 5.0       | 78    | 111          | 8658         |
|      | 5  | 5.0       | 108   | 109          | 11772        |
|      | 6  | 5.0       | 51    | 99           | 5049         |
|      | 7  | 10.0      | 1     | 310          | 310          |
|      | 8  | 10.0      | 2     | 1165         | 2330         |
|      | 9  | 10.0      | 2     | 202          | 404          |
|      | 10 | 10.0      | 1     | 250          | 250          |
|      | 11 | 10.0      | 2     | 410          | 820          |
|      | 12 | 10.0      | 2     | 1167         | 2334         |
|      | 13 | 10.0      | 2     | 214          | 428          |
|      | 14 | 10.0      | 1     | 194          | 194          |
|      | 15 | 10.0      | 2     | 300          | 600          |
|      | 16 | 10.0      | 1     | 194          | 194          |
|      | 17 | 10.0      | 2     | 1166         | 2332         |
|      | 18 | 10.0      | 2     | 210          | 420          |
|      | 19 | 10.0      | 1     | 210          | 210          |
|      | 20 | 10.0      | 2     | 1163         | 2326         |
|      | 21 | 10.0      | 2     | 196          | 392          |
|      | 22 | 10.0      | 4     | 889          | 3556         |
|      | 23 | 10.0      | 4     | 917          | 3668         |
|      | 24 | 10.0      | 2     | 875          | 1750         |
|      | 25 | 10.0      | 2     | 901          | 1802         |
|      | 26 | 12.5      | 12    | 638          | 7656         |
|      | 27 | 12.5      | 2     | 363          | 726          |
|      | 28 | 12.5      | 2     | 632          | 1264         |
|      | 29 | 12.5      | 2     | 617          | 1234         |

RESUMO DO AÇO

| ACO                    | DIAM (mm) | C.TOTAL (m) | QUANT. (Barras) | PESO + 0% (kg) |
|------------------------|-----------|-------------|-----------------|----------------|
| CA50                   | 10.0      | 243.2       | 21              | 149.9          |
|                        | 12.5      | 108.8       | 10              | 104.8          |
| CA60                   | 5.0       | 536.4       | -               | 82.7           |
| <b>PESO TOTAL (kg)</b> |           |             |                 |                |
| CA50                   |           | 254.7       |                 |                |
| CA60                   |           | 82.7        |                 |                |

Volume de concreto (C-30) = 5.85 m<sup>3</sup>  
Área de forma = 79.06 m<sup>2</sup>

PREFEITURA MUNICIPAL DE ANTA GORDA

Obras: SALAS NA ESCOLA MUNICIPAL AUGUSTO MEYER - LINHA QUARTA

prancha

proprietário: FRANCISCO DAVID FRIGHETTO  
Prefeito Municipal

responsável técnico projeto: JONAS GERHARD HAAS  
Eng. Civil CREA RS 225465

projeto

ESTRUTURAL - VIGAS

área: 110,69M<sup>2</sup> data: 19/11/2024 escala: INDICADA