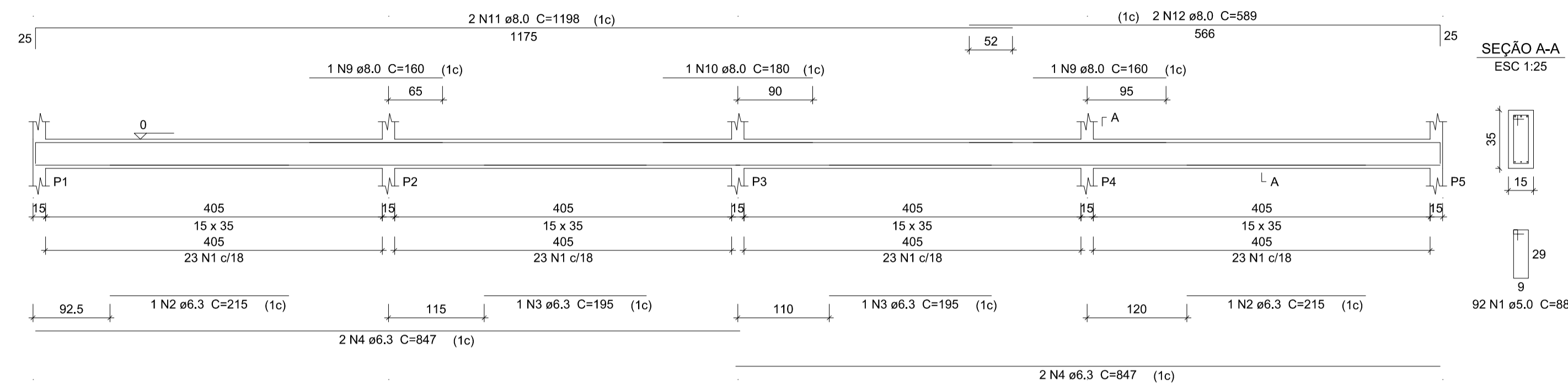
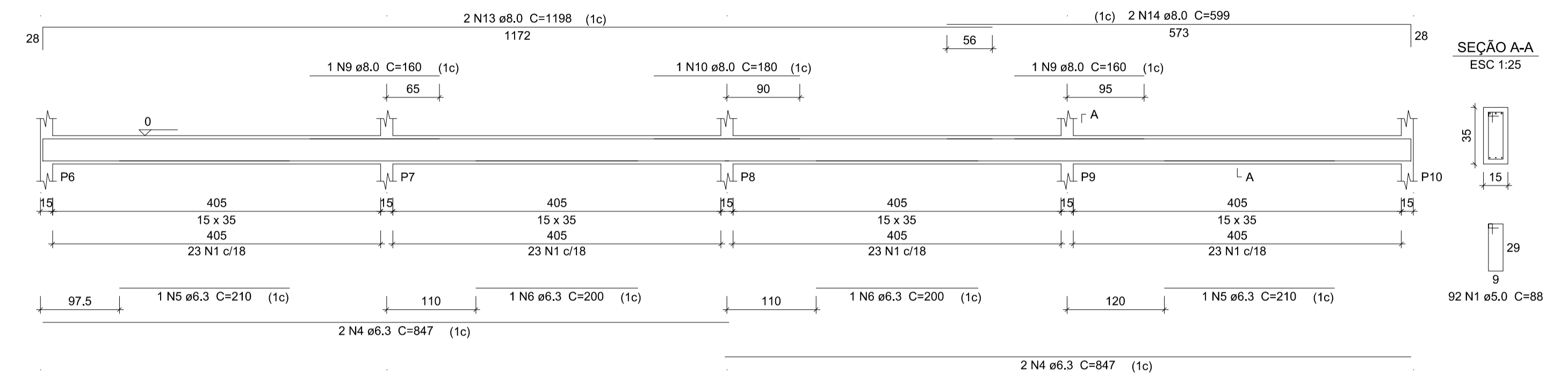


CINTAMENTO

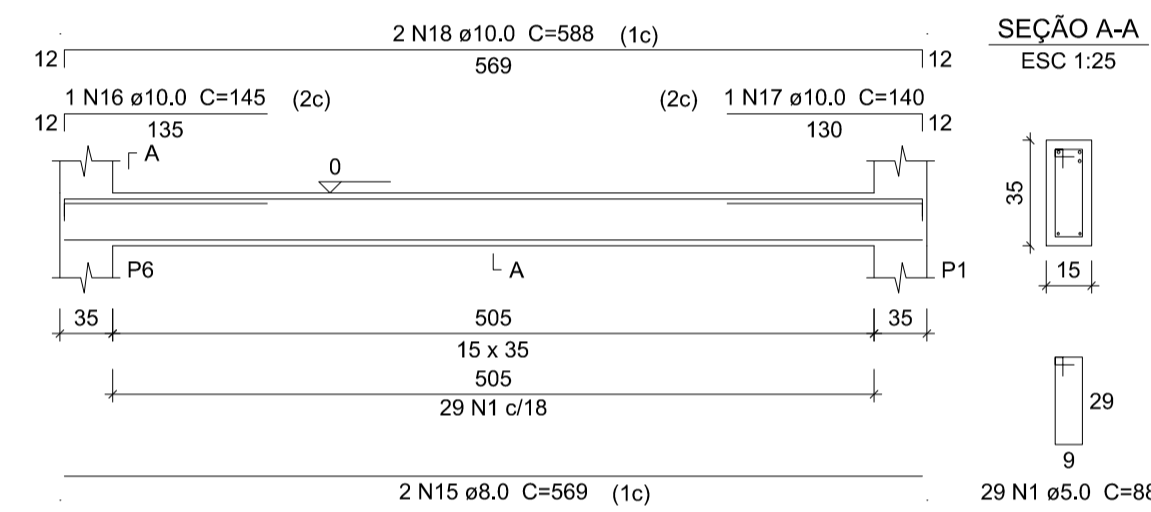
V1
ESC 1:50



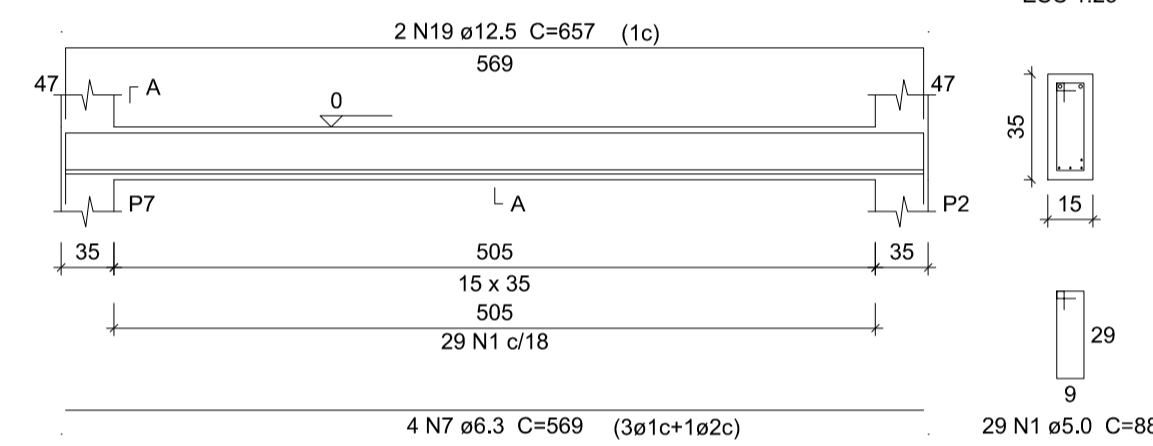
V2
ESC 1:50



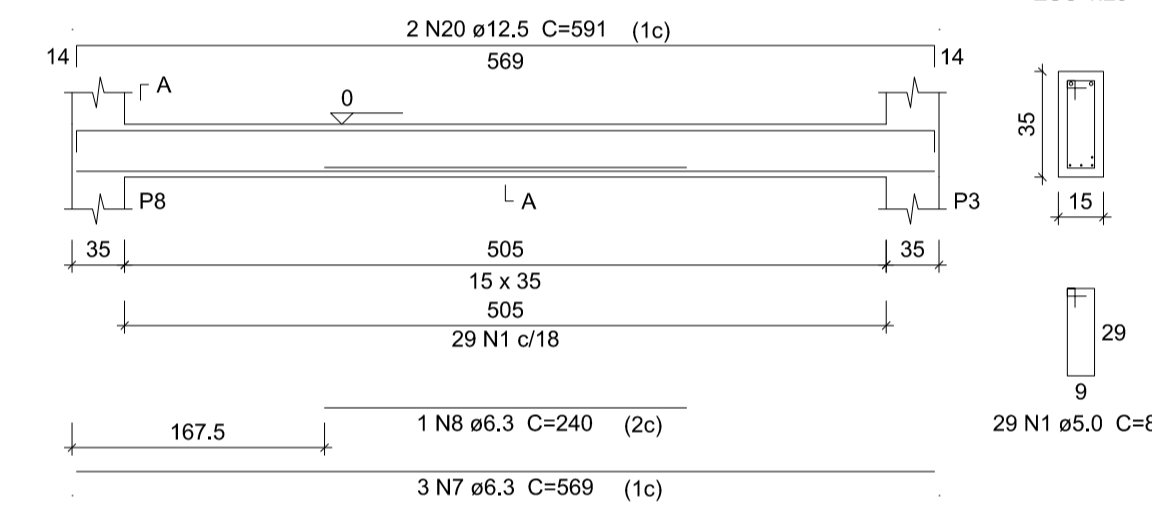
V3
ESC 1:50



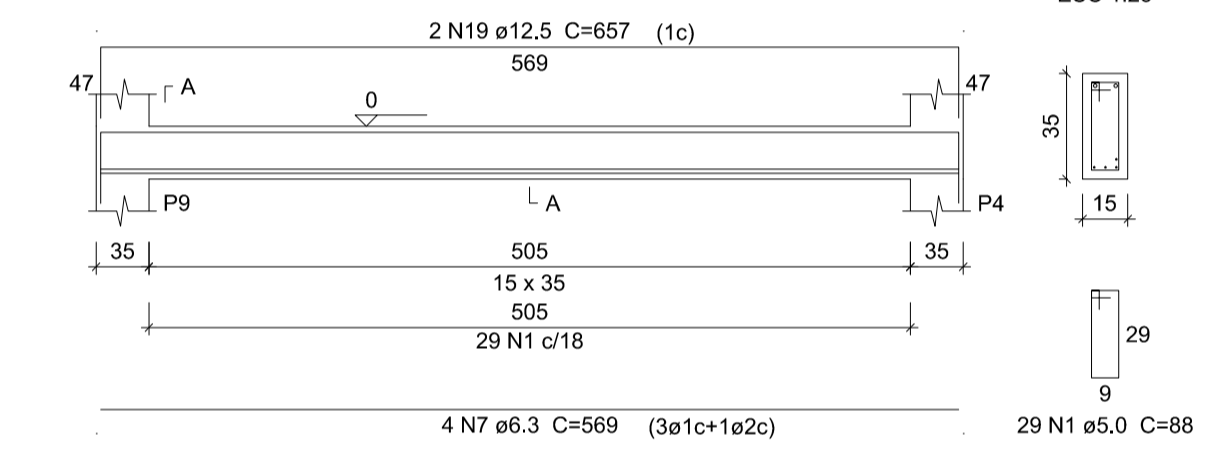
V4
ESC 1:50



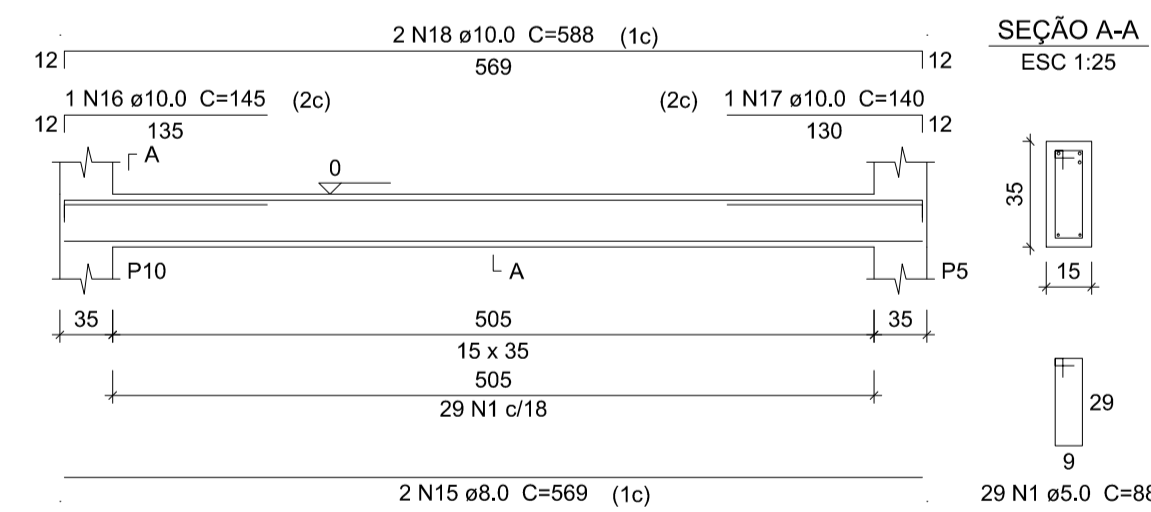
V5
ESC 1:50



V6
ESC 1:50



V7
ESC 1:50



RELAÇÃO DO AÇO

| AÇO | N | DIAM (mm) | QUANT | C, UNIT (cm) | C, TOTAL (cm) |
|------|----|-----------|-------|--------------|---------------|
| CA60 | 1 | 5.0 | 329 | 88 | 28952 |
| CA50 | 2 | 6.3 | 2 | 215 | 430 |
| | 3 | 6.3 | 2 | 195 | 390 |
| | 4 | 6.3 | 8 | 847 | 6776 |
| | 5 | 6.3 | 2 | 210 | 420 |
| | 6 | 6.3 | 2 | 200 | 400 |
| | 7 | 6.3 | 11 | 569 | 6259 |
| | 8 | 6.3 | 1 | 240 | 240 |
| | 9 | 8.0 | 4 | 160 | 640 |
| | 10 | 8.0 | 2 | 180 | 360 |
| | 11 | 8.0 | 2 | 1198 | 2396 |
| | 12 | 8.0 | 2 | 589 | 1178 |
| | 13 | 8.0 | 2 | 1198 | 2396 |
| | 14 | 8.0 | 2 | 599 | 1198 |
| | 15 | 8.0 | 4 | 569 | 2276 |
| | 16 | 10.0 | 2 | 145 | 290 |
| | 17 | 10.0 | 2 | 140 | 280 |
| | 18 | 10.0 | 4 | 588 | 2352 |
| | 19 | 12.5 | 4 | 657 | 2628 |
| | 20 | 12.5 | 2 | 591 | 1182 |

RESUMO DO AÇO

| AÇO | DIAM (mm) | C, TOTAL (m) | PESO + 10 % (kg) |
|-----------------|-----------|--------------|------------------|
| CA50 | 6.3 | 149.2 | 40.1 |
| | 8.0 | 104.5 | 45.3 |
| | 10.0 | 29.3 | 19.8 |
| | 12.5 | 38.1 | 40.4 |
| CA60 | 5.0 | 289.6 | 49.1 |
| PESO TOTAL (kg) | | | |
| CA50 | | 145.7 | |
| CA60 | | 49.1 | |

Volume de concreto (C-25) = 3.29 m³
Área de forma = 53.25 m²



PREFEITURA MUNICIPAL DE VARGEM ALTA
ESTADO DO ESPÍRITO SANTO

TÍTULO
PROJETO DE DETALHAMENTO DOS VESTIÁRIOS NO CAMPO DE FUTEBOL DE PARAÍSO

PROJETO
PROJETO DE FUNDAÇÃO

ESCALA INDICADA
INDICADA

DATA
SETEMBRO/2017

DESENHO
SARAH

PRANCHAS
08/09

PREFEITO MUNICIPAL

JOÃO CHRISÓSTOMO ALTOÉ

RESP. TÉCNICO

GERALDO BRUNORO ESTEVES
CREA-ES 033738/D