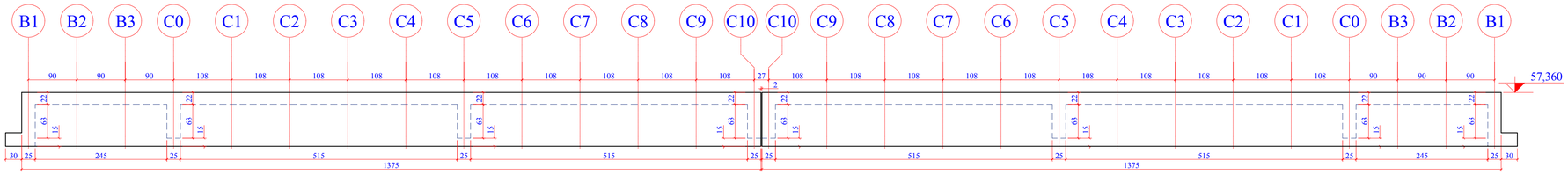
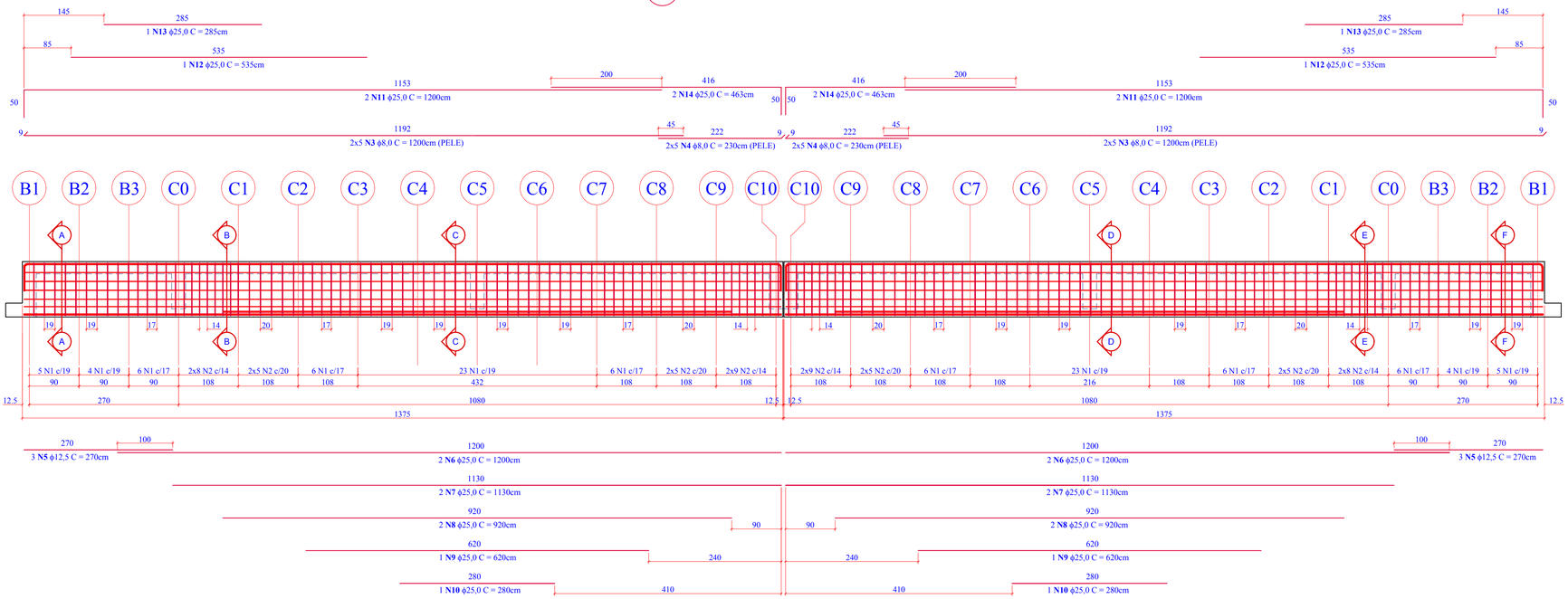
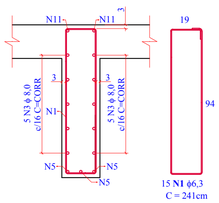


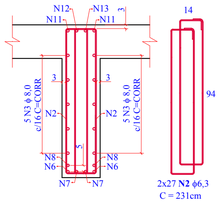

1 PLANTA DE FORMAS: LONGARINA 05 (1x)
ESCALA 1:50



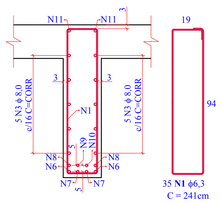

2 PLANTA DE ARMADURAS: LONGARINA 05 (1x)
ESCALA 1:50



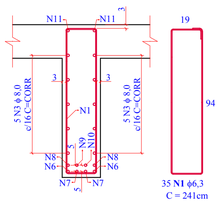

3 CORTE A-A: BALANÇO
ESCALA 1:20



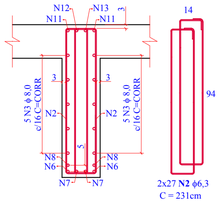

4 CORTE B-B: APOIO
ESCALA 1:20



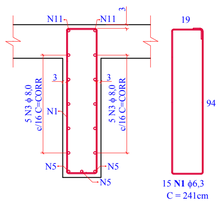

5 CORTE C-C: VÃO CENTRAL
ESCALA 1:20




6 CORTE D-D: VÃO CENTRAL
ESCALA 1:20




7 CORTE E-E: APOIO
ESCALA 1:20




8 CORTE F-F: BALANÇO
ESCALA 1:20

## Relação do aço (1x)

| AÇO | N | DIAM | Q | UNIT (cm) | C.TOTAL (cm) |
|---|---|---|---|---|---|
| CA50 | 1 | 6,3 | 100 | 241 | 24100 |
| | 2 | 6,3 | 108 | 231 | 24948 |
| | 3 | 8,0 | 20 | 1200 | 24000 |
| | 4 | 8,0 | 20 | 230 | 4600 |
| | 5 | 12,5 | 6 | 270 | 1620 |
| | 6 | 25,0 | 4 | 1200 | 4800 |
| | 7 | 25,0 | 4 | 1130 | 4520 |
| | 8 | 25,0 | 4 | 920 | 3680 |
| | 9 | 25,0 | 2 | 620 | 1240 |
| | 10 | 25,0 | 2 | 280 | 560 |
| | 11 | 25,0 | 4 | 1200 | 4800 |
| | 12 | 25,0 | 2 | 535 | 1070 |
| | 13 | 25,0 | 2 | 285 | 570 |
| | 14 | 25,0 | 4 | 463 | 1852 |

## Resumo do aço (1x)

| AÇO | DIAM | C.TOTAL (m) | PESO + 0 % (kg) |
|---|---|---|---|
| CA50 | 6.3 | 490,48 | 120,17 |
| | 8.0 | 286,00 | 112,97 |
| | 12.5 | 16,20 | 15,60 |
| | 25.0 | 230,92 | 889,73 |

| PESO TOTAL (kg) | |
|---|---|
| CA50 | 1.138,47 |

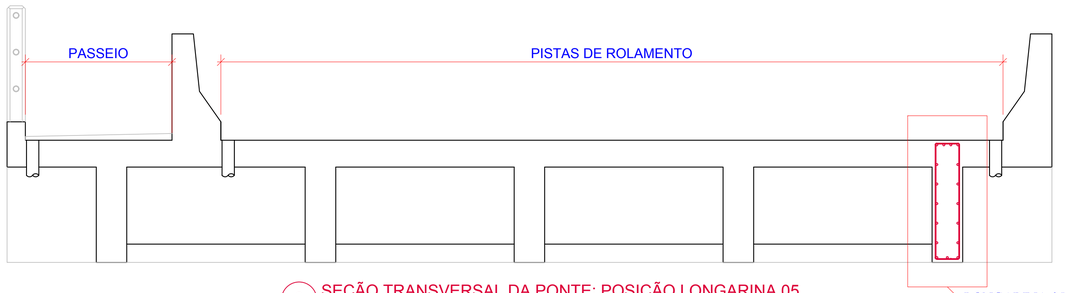
Volume de concreto (C-35) = 5,36 m³
Área de forma Plana = 46,98 m²

## Resumo do aço Longarinas 01 a 05

| AÇO | DIAM | C.TOTAL (m) | PESO + 0 % (kg) |
|---|---|---|---|
| CA50 | 6.3 | 1.955,76 | 479,16 |
| | 8.0 | 1.430,00 | 564,85 |
| | 12.5 | 81,00 | 78,00 |
| | 25.0 | 964,10 | 3.714,68 |

| PESO TOTAL (kg) | |
|---|---|
| CA50 | 4.836,69 |

Volume de concreto (C-35) = 26,80 m³
Área de forma Plana = 234,90 m²




9 SEÇÃO TRANSVERSAL DA PONTE: POSIÇÃO LONGARINA 05
ESCALA 1:25

AMUREL
ASSOCIAÇÃO DE MUNICÍPIOS DA REGIÃO DE LAGUNA
CREA/SC 116/070-8

TÍTULO
**PROJETO EXECUTIVO DE ENGENHARIA**

OBJETO
**PONTE DE CONCRETO**

LOCAL
**ESTRADA GERAL VARGEM DO CEDRO - SÃO MARTINHO/SC**

CONTRATANTE
**MUNICÍPIO DE SÃO MARTINHO**
CNPJ: 82.928.656/0001-33

RESP. PROJETO
**ANDRÉ LABANOWSKI JÚNIOR**
**ENGENHEIRO CIVIL CREA/SC - 064.638-2**

CONTEÚDO
**PLANTA DE ARMADURAS: LONGARINA 05 (1X)**

TOPOGRAFIA
**PREFEITURA MUNICIPAL DE SÃO MARTINHO**

DESENHO
**ALJ**

REFERÊNCIA
**EXTENSÃO TOTAL: 27,52 m**
**LARGURA: 8,55 m**
**ÁREA: 235,30 m²**

DATA
**MARÇO/2019**

FOLHA
**17**
**21**

ESCALA
**INDICADA**