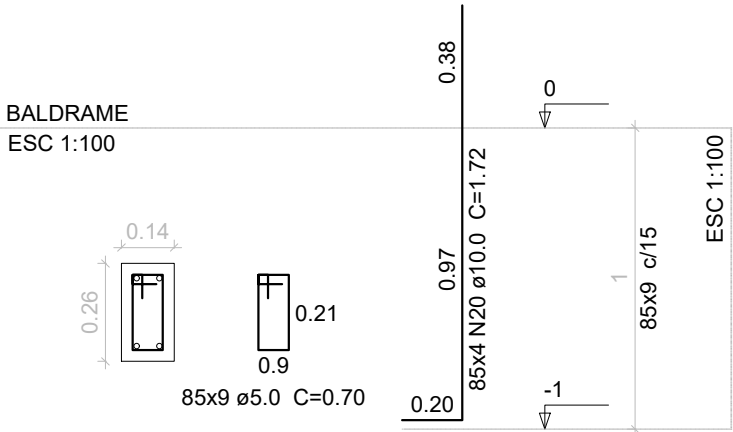
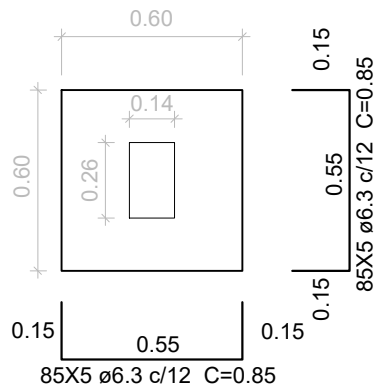


PILARES DE ARRANQUE P1 á P85



SAPATAS S1 á S85

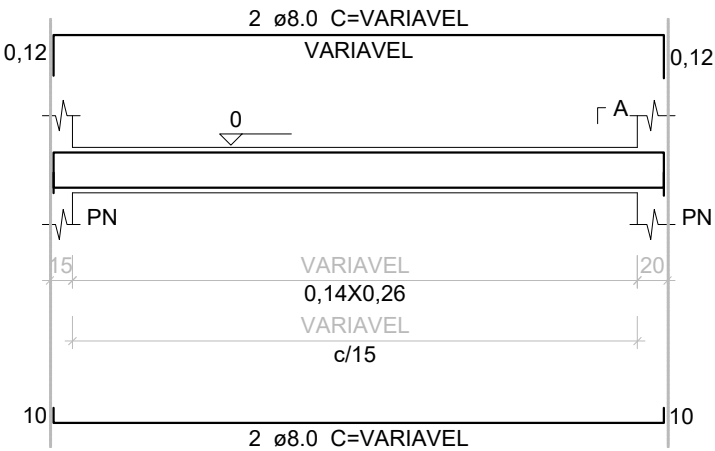
PLANTA
ESC 1:25



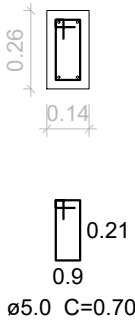
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

VIGA BALDRAME

ESC 1:100



SEÇÃO A-A
ESC 1:100



Relação do aço

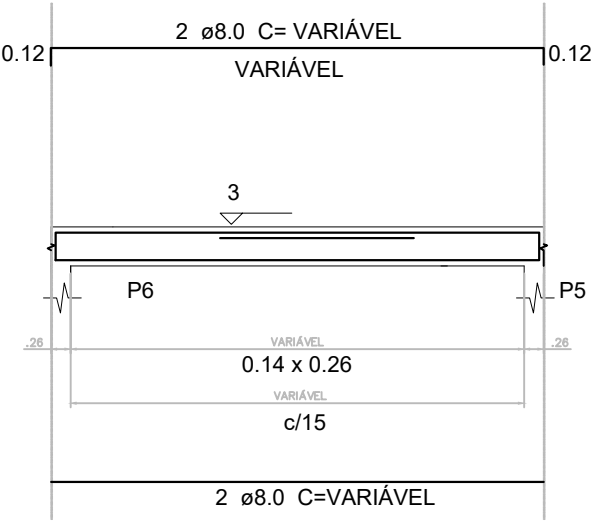
| AÇO | ITEM | DIAM | Q | UNIT (m) | C.TOTAL (m) |
|------|----------|------|------|-------------|----------------|
| CA60 | VIGAS | 5.0 | 1232 | 0.70 | 665.00 |
| | PILAR | 5.0 | 1554 | 0.70 | 914.90 |
| | BALDRAME | 5.0 | 1404 | 0.70 | 954.80 |
| | SAPATAS | 5.0 | 85 | 0.70 | 567.00 |
| CA50 | SAPATAS | 6.3 | 85 | 9.60 | 816.00 |
| | VIGAS | 8.0 | 4 | 184.80 | 739.20 |
| | BALDRAME | 8.0 | 4 | 210.60 | 842.40 |
| | PILAR | 10.0 | 4 | 233.00 | 932.00 |
| | SAPATAS | 10.0 | 85 | 3.80 | 323.00 |

Resumo do aço

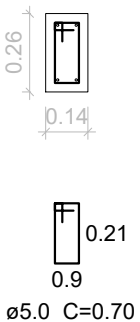
| AÇO | DIAM | PESO (kg) | | | |
|--------------------|---------|--------------|--------|----------|---------|
| | | VIGAS | PILAR | BALDRAME | SAPATAS |
| CA50 | 10.0 | - | 575.05 | - | 199.30 |
| | 8.0 | 292.00 | - | 332.75 | - |
| | 6.3 | - | - | - | 199.95 |
| CA60 | 5.0 | 102.40 | 140.90 | 147.05 | 87.35 |
| PESO TOTAL (kg) | | | | | |
| CA50 | 1599.05 | | | | |
| CA60 | 477.70 | | | | |

VIGAS SUPERIORES

ESC 1:100

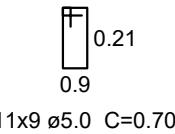
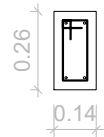
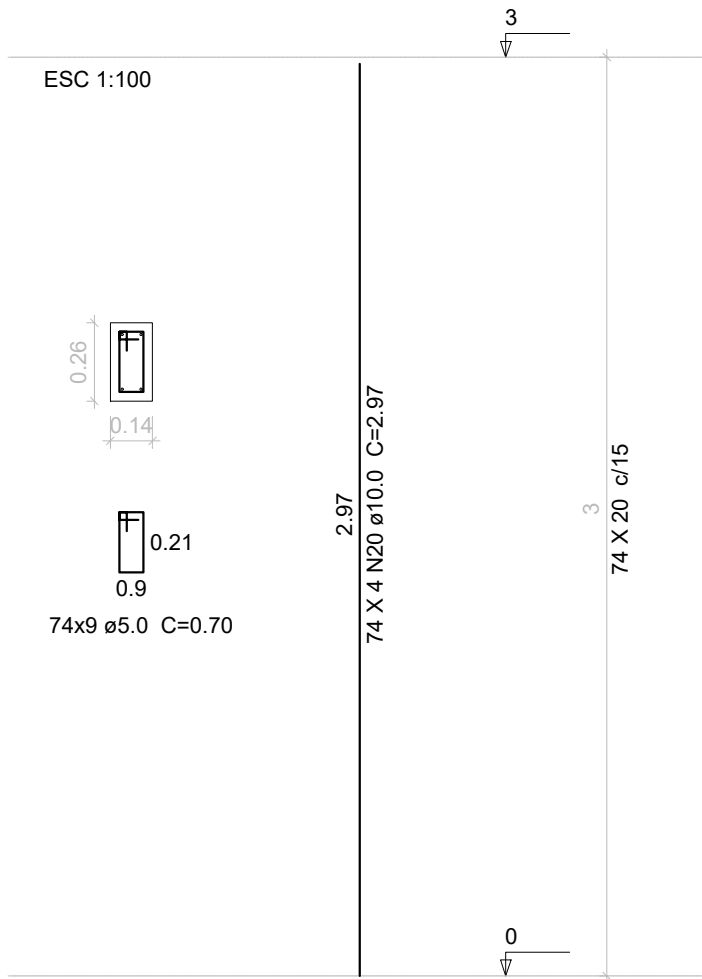


SEÇÃO A-A
ESC 1:100



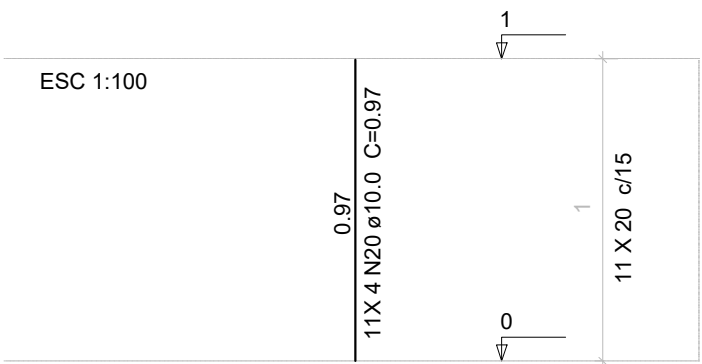
PILARES P1 á 74

ESC 1:100



PILARES P74 á P85

ESC 1:100



NOTAS

LEGENDA

ATUALIZAÇÃO

CONTRATANTE:



PREFEITURA MUNICIPAL DE
ENGENHEIRO NAVARRO
CNPJ N°: 17.697.152/0001-98
Rua José Marques Caldeira,329
Centro, Engenheiro Navarro/MG,
CEP: 39.363-000

OBRA:

PROJETO ESTRUTURAL
COBERTURA DA QUADRA E MURO DO ENTORNO DA
ESCOLA MUNICIPAL SANTOS REIS
DETALHES E
RESUMO DO AÇO

CONTRATADA:



CARVALHO AMARAL ENGENHARIA
CNPJ N°: 16.783.066/0001-35
Avenida Mestra Fininha, n° 726,
1° andar, Centro, Montes Claros/MG,
CEP: 39401-074

RESPONSÁVEL TÉCNICO: LWAN MATEUS COSTA SOUZA

CREA: MG 255.542/D

MUNICÍPIO/ÁREA: MUNICÍPIO DE ENGENHEIRO NAVARRO/MG

ENDEREÇO DA OBRA: RUA NAZINHA DIAS, 54, CENTRO

DATA: 01/07/2021

ESCALA: INDICADA

PRANCHA:

ARQUIVO: DE-2021.1553-MG.ENG-EST-EXE.001=0

02/03