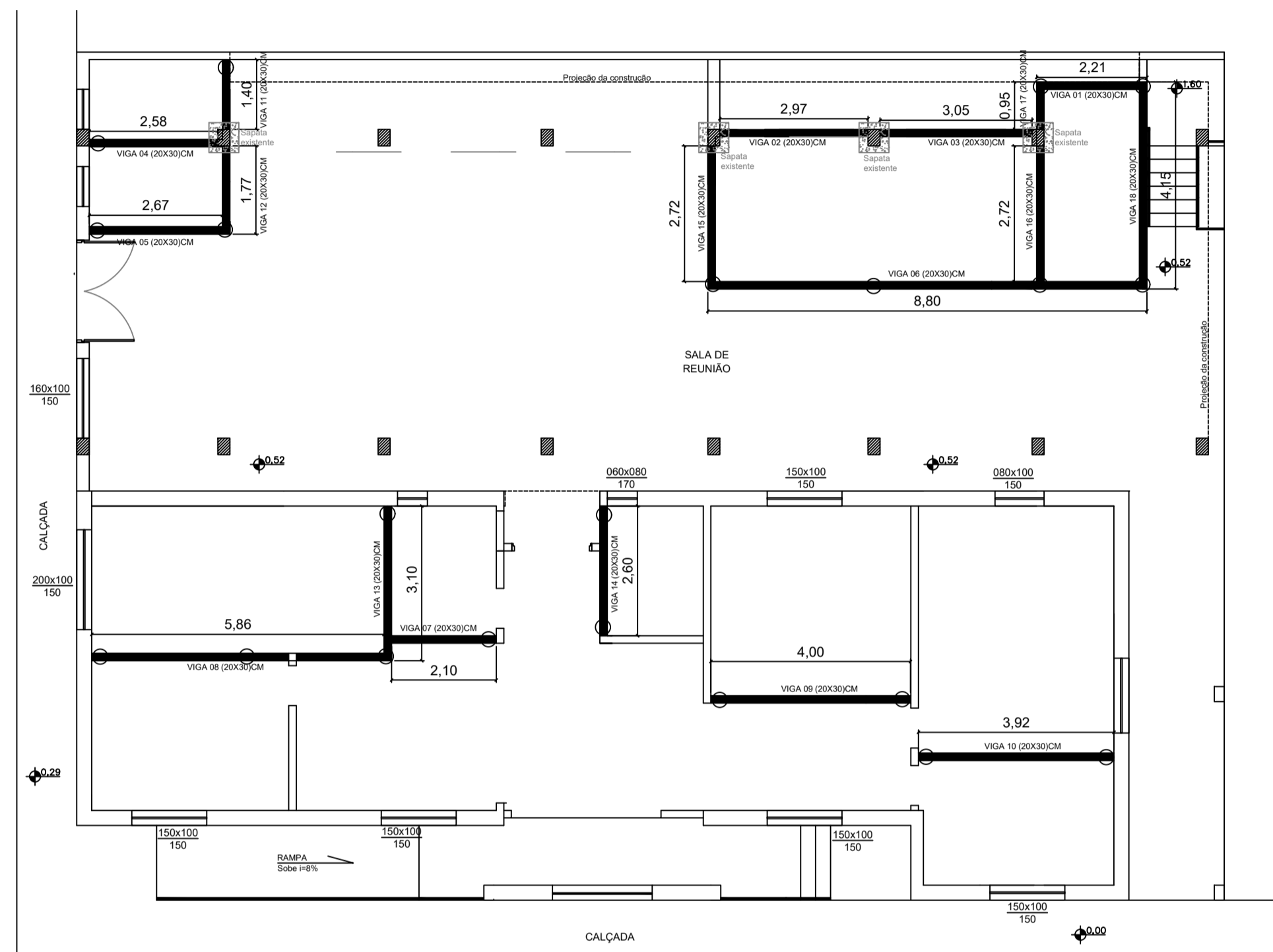


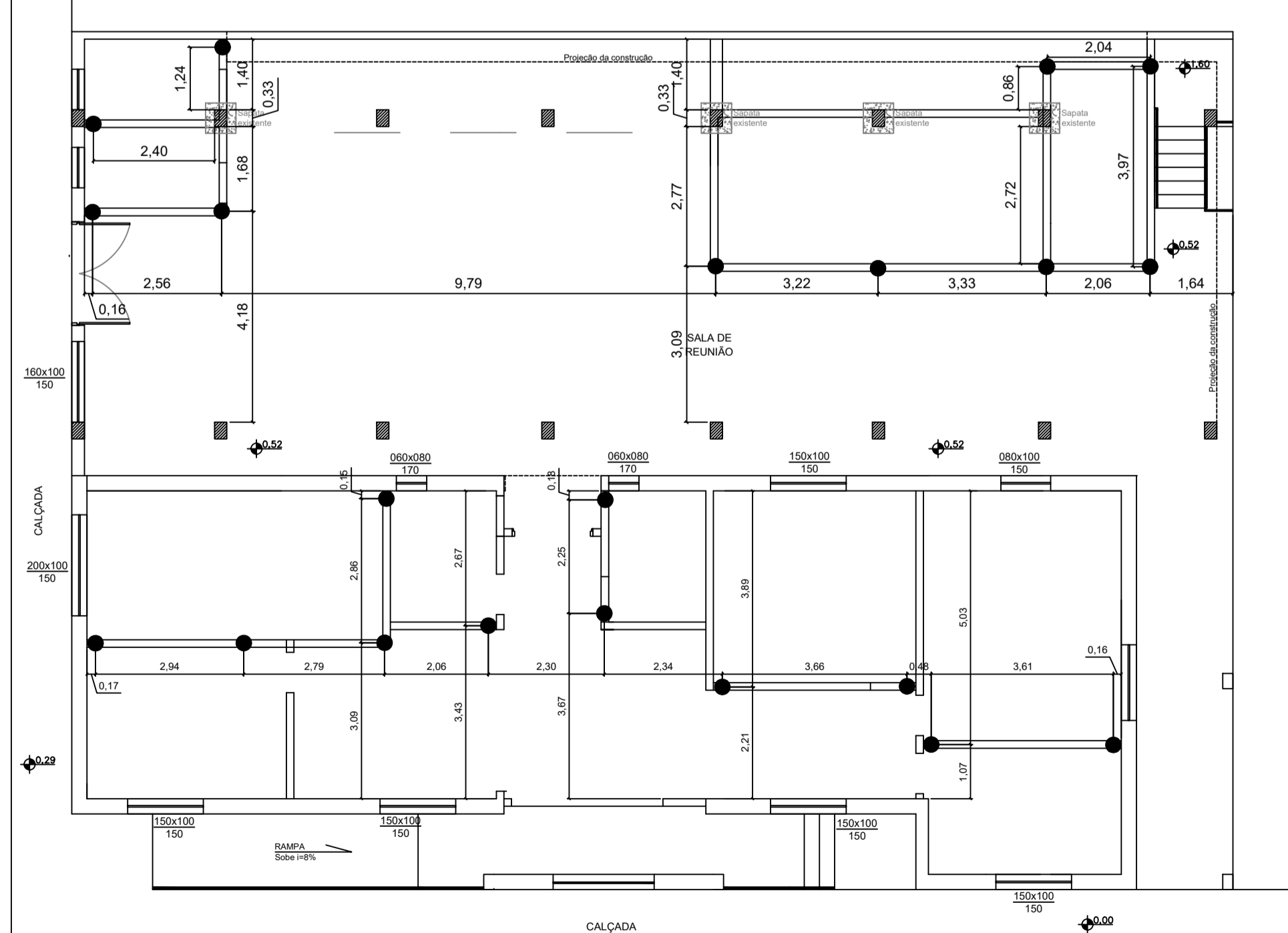
PAVIMENTO TERREO
ESCALA --- 1/100

VIGAS AEREAS A SEREM EXECUTADAS - NIVEL 350 CM



PAVIMENTO TERREO
ESCALA --- 1/100

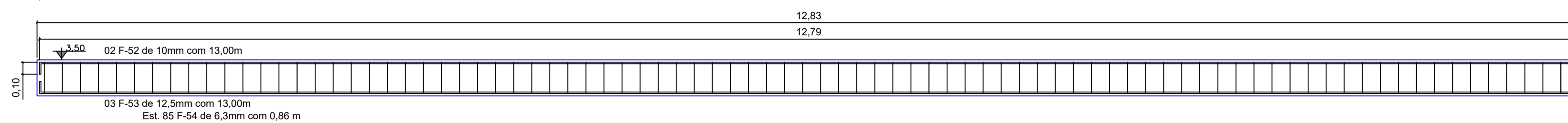
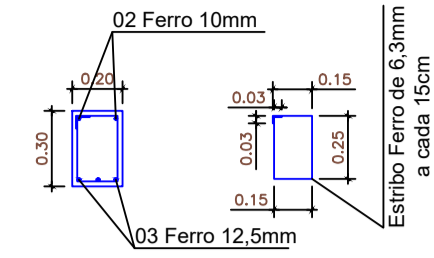
VIGAS BALDRAMES A SEREM EXECUTADAS - NIVEL 50 CM



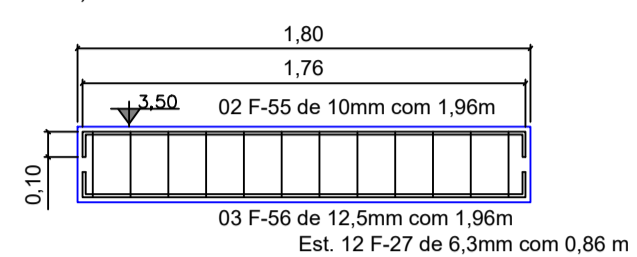
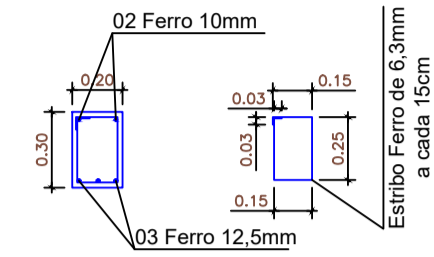
LOCAÇÃO DAS BROCAS
ESCALA --- 1/100

● BROCAS A SEREM EXECUTADAS H=2,00M

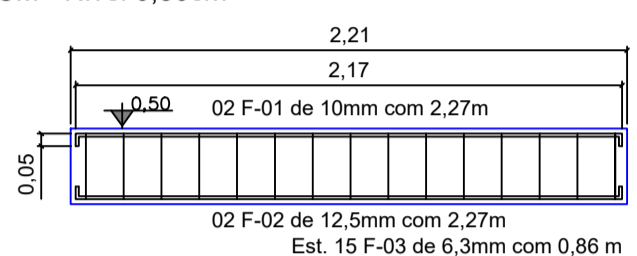
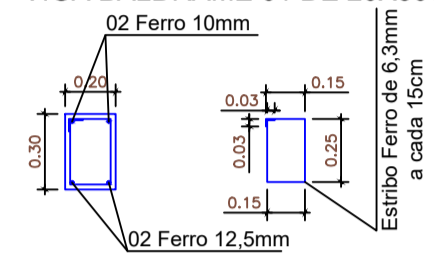
VIGA AERE 01 DE 20X30CM - Nivel 3,50m



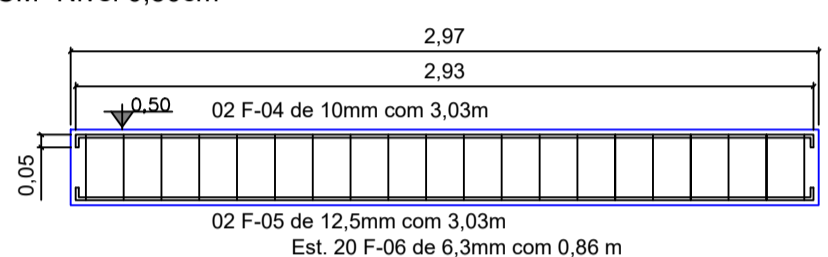
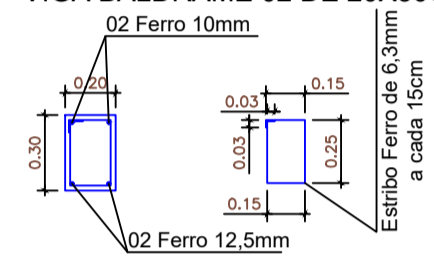
VIGA AERE 02 DE 20X30CM - Nivel 3,50m



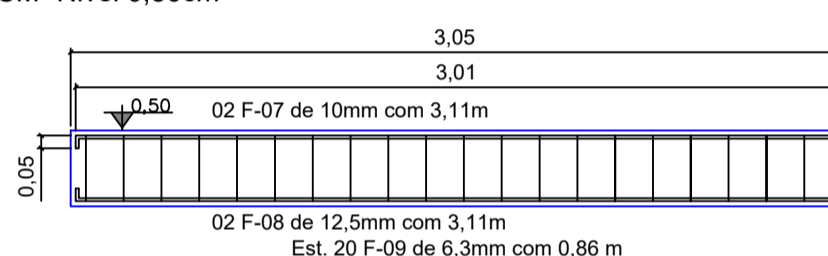
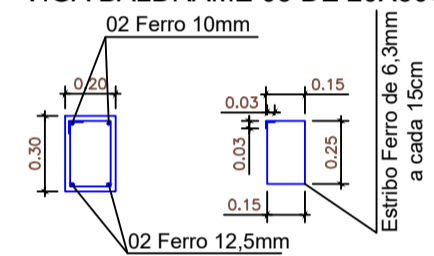
VIGA BALDRAME 01 DE 20X30CM - Nivel 0,50cm



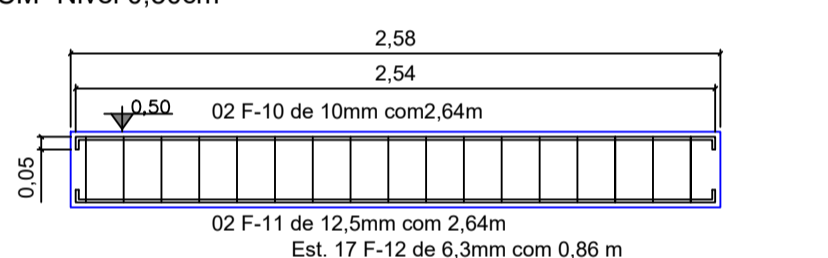
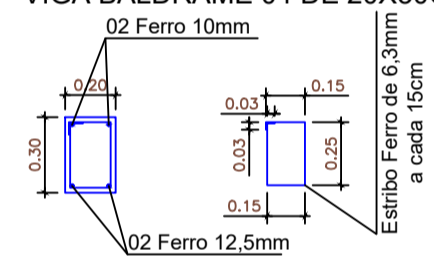
VIGA BALDRAME 02 DE 20X30CM - Nivel 0,50cm



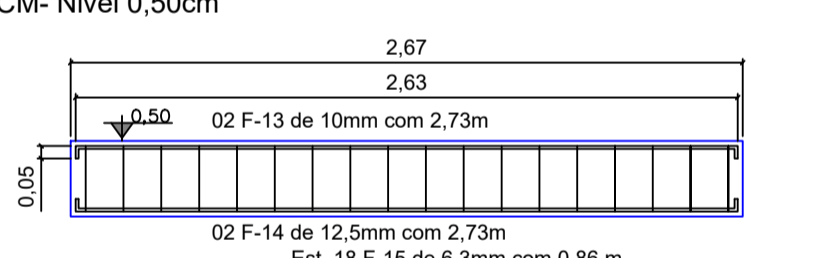
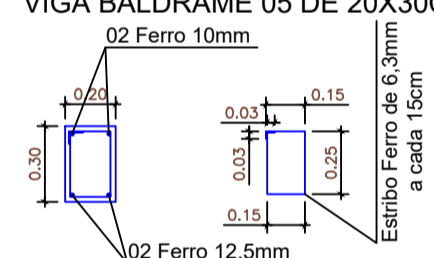
VIGA BALDRAME 03 DE 20X30CM - Nivel 0,50cm



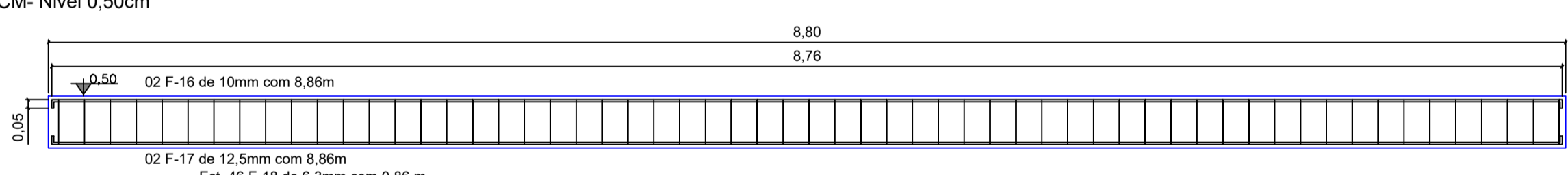
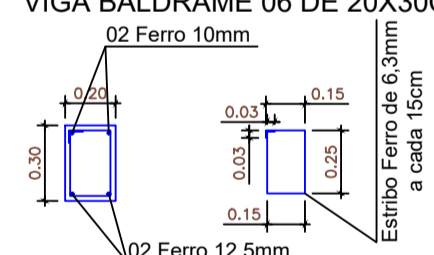
VIGA BALDRAME 04 DE 20X30CM - Nivel 0,50cm



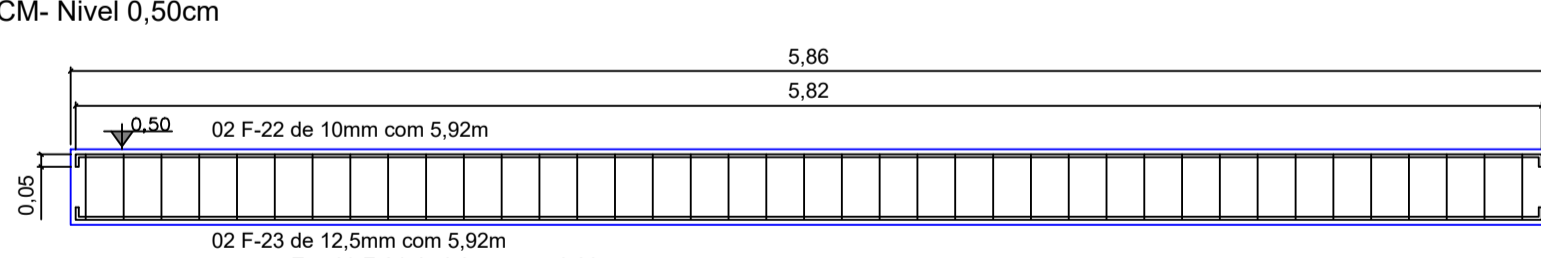
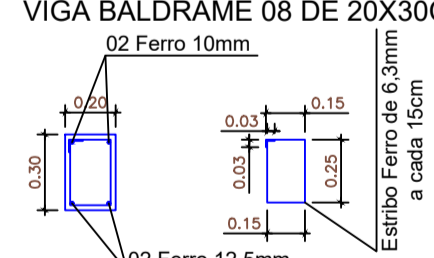
VIGA BALDRAME 05 DE 20X30CM - Nivel 0,50cm



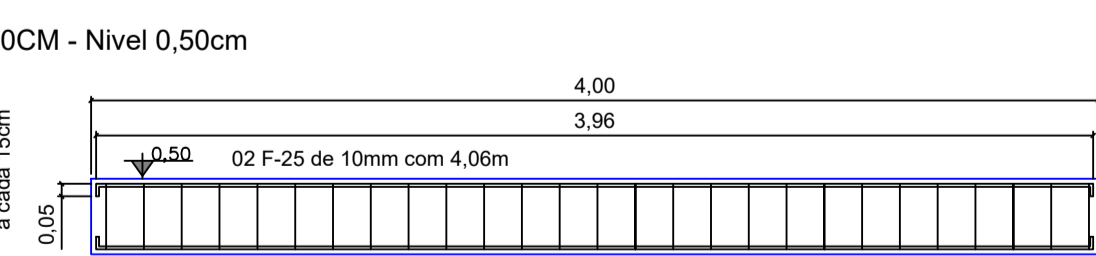
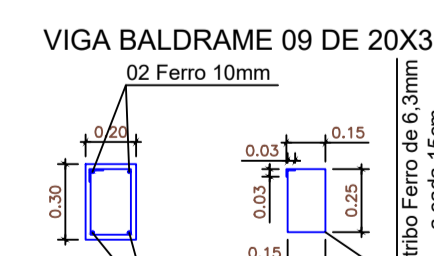
VIGA BALDRAME 06 DE 20X30CM - Nivel 0,50cm



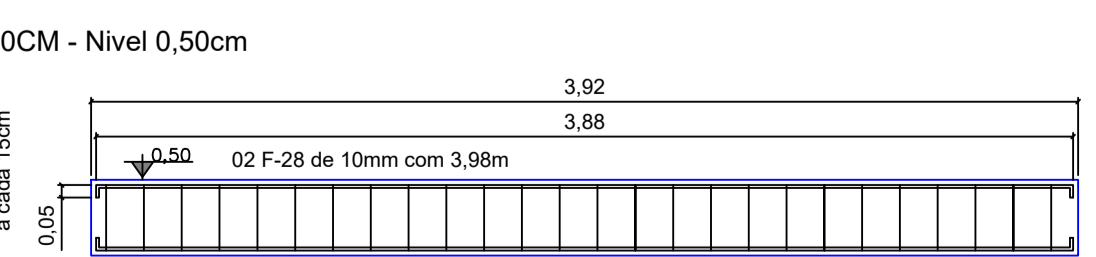
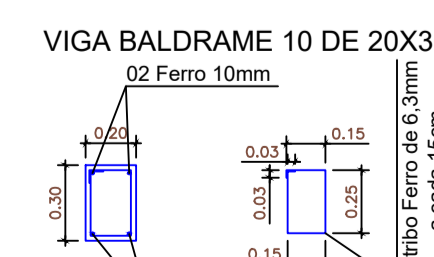
VIGA BALDRAME 08 DE 20X30CM - Nivel 0,50cm



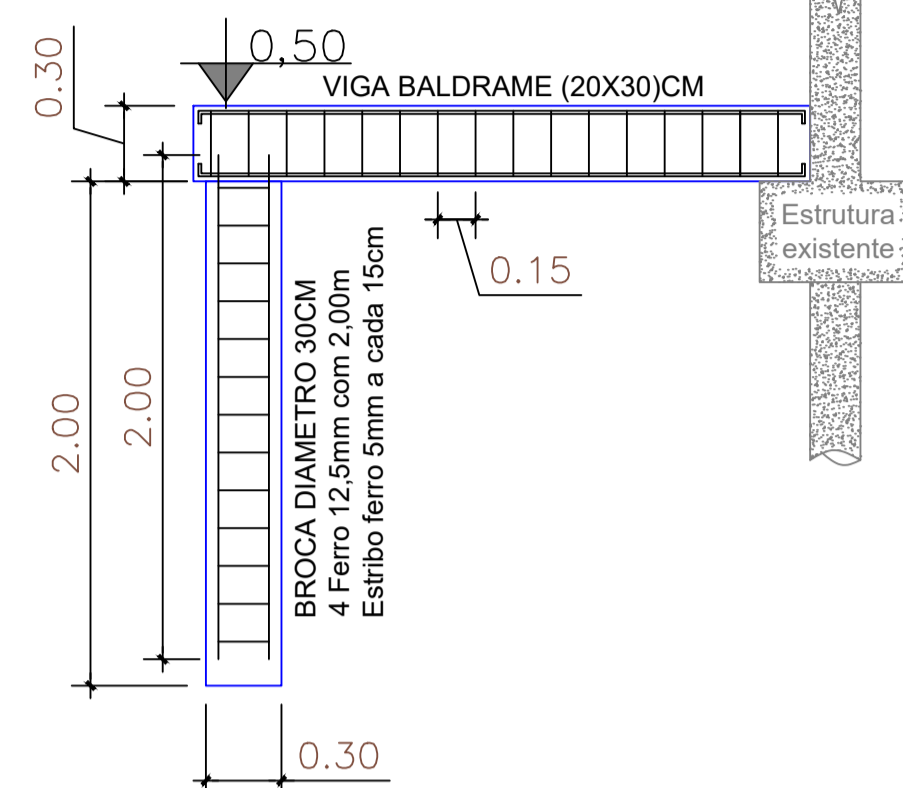
VIGA BALDRAME 09 DE 20X30CM - Nivel 0,50cm



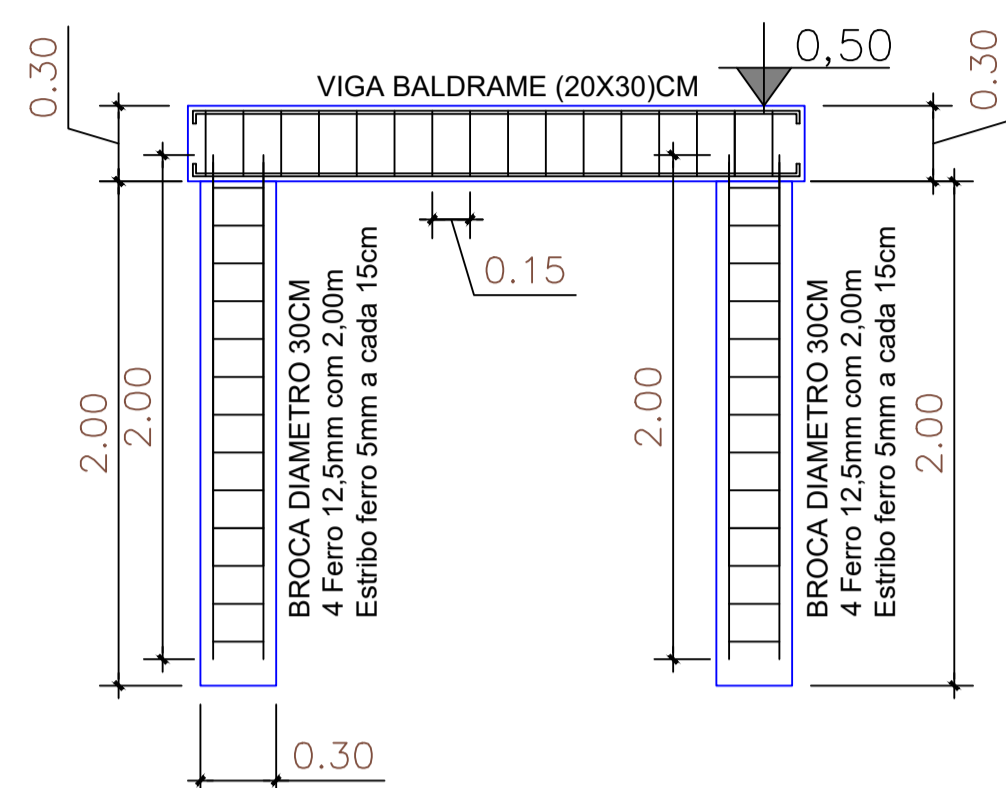
VIGA BALDRAME 10 DE 20X30CM - Nivel 0,50cm



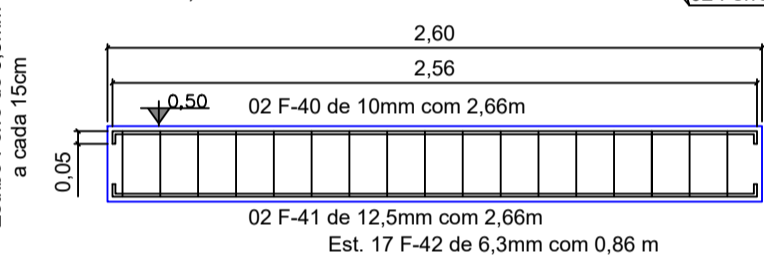
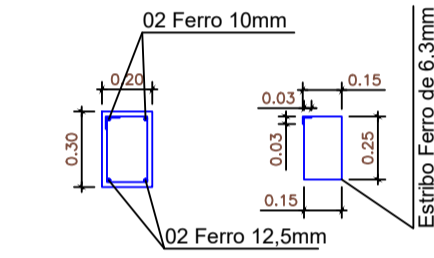
MODELO DE VIGA BALDRAME COM BROCA E APOIADA EM ESTRUTURA EXISTENTE.



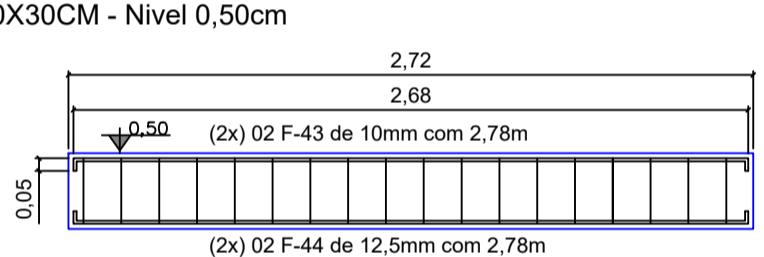
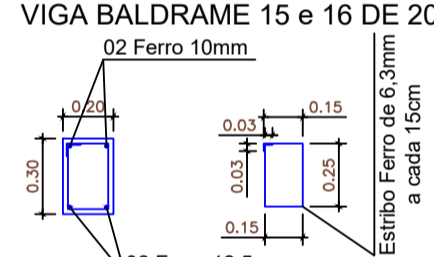
MODELO DE VIGA BALDRAME APOIADA EM DUAS BROCAS A SEREM EXECUTADAS



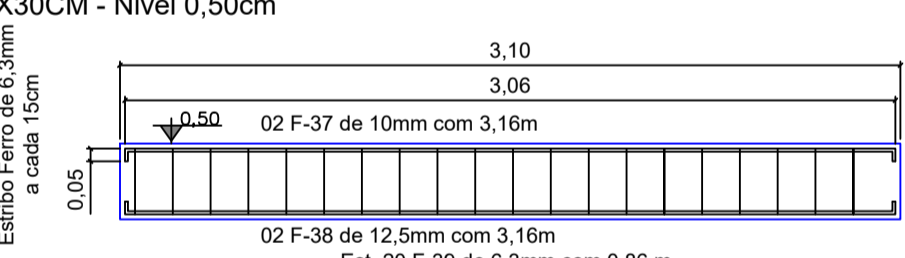
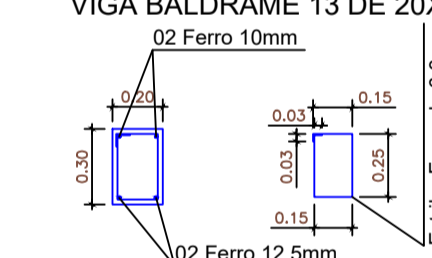
VIGA BALDRAME 14 DE 20X30CM - Nivel 0,50cm



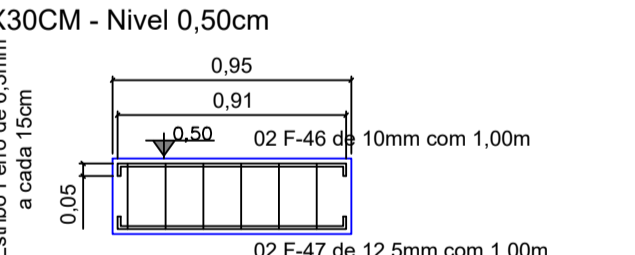
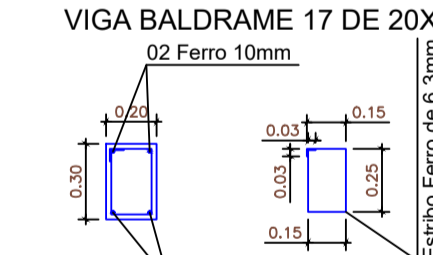
VIGA BALDRAME 15 e 16 DE 20X30CM - Nivel 0,50cm



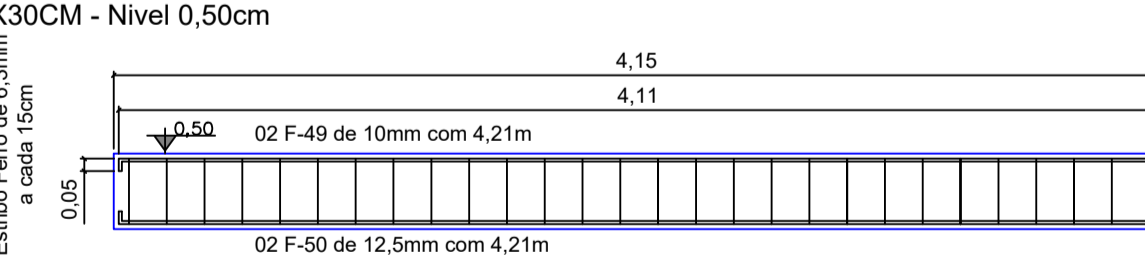
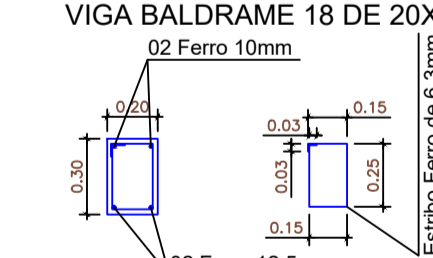
VIGA BALDRAME 13 DE 20X30CM - Nivel 0,50cm



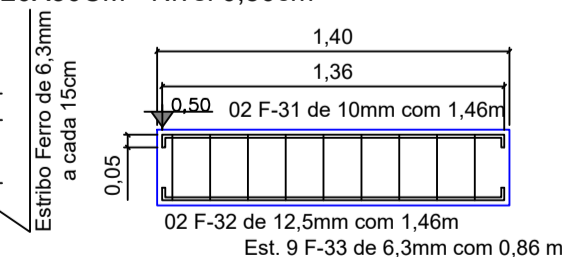
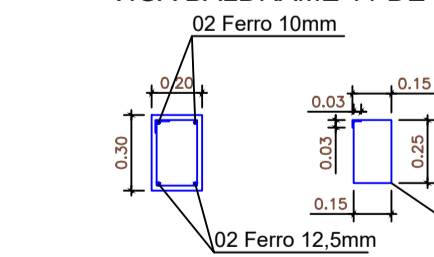
VIGA BALDRAME 17 DE 20X30CM - Nivel 0,50cm



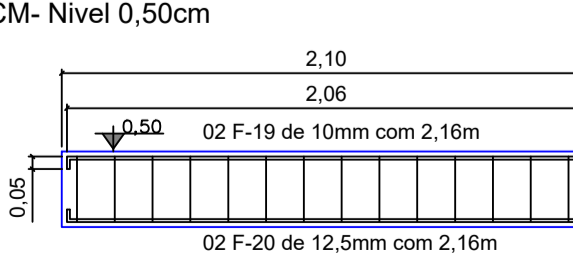
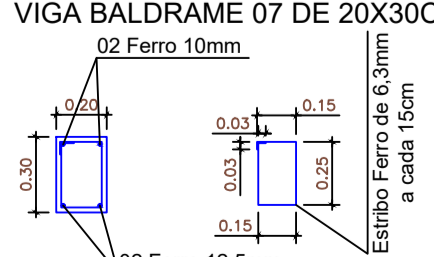
VIGA BALDRAME 18 DE 20X30CM - Nivel 0,50cm



VIGA BALDRAME 11 DE 20X30CM - Nivel 0,50cm



VIGA BALDRAME 07 DE 20X30CM - Nivel 0,50cm



| TABELA DE AÇO | | | | |
|---------------|-------|------|-------|-----------|
| FERRO | DIAM. | QTDE | COMP. | TOTAL (M) |
| 1 | 10 | 2 | 2,27 | 4,54 |
| 2 | 12,5 | 2 | 2,27 | 4,54 |
| 3 | 6,3 | 15 | 0,86 | 12,9 |
| 4 | 10 | 2 | 3,03 | 6,06 |
| 5 | 12,5 | 2 | 3,03 | 6,06 |
| 6 | 6,3 | 20 | 0,86 | 17,2 |
| 7 | 10 | 2 | 3,11 | 6,22 |
| 8 | 12,5 | 2 | 3,11 | 6,22 |
| 9 | 6,3 | 20 | 0,86 | 17,2 |
| 10 | 10 | 2 | 2,64 | 5,28 |
| 11 | 12,5 | 2 | 2,64 | 5,28 |
| 12 | 6,3 | 17 | 0,86 | 14,62 |
| 13 | 10 | 2 | 2,73 | 5,46 |
| 14 | 12,5 | 2 | 2,73 | 5,46 |
| 15 | 6,3 | 18 | 0,86 | 15,48 |
| 16 | 10 | 2 | 8,86 | 17,72 |
| 17 | 12,5 | 2 | 8,86 | 17,72 |
| 18 | 6,3 | 42 | 0,86 | 36,12 |
| 19 | 10 | 2 | 2,16 | 4,32 |
| 20 | 12,5 | 2 | 2,16 | 4,32 |
| 21 | 6,3 | 14 | 0,86 | 12,04 |
| 22 | 10 | 2 | 5,92 | 11,84 |
| 23 | 12,5 | 2 | 5,92 | 11,84 |
| 24 | 6,3 | 39 | 0,86 | 33,54 |
| 25 | 10 | 2 | 4,06 | 8,12 |
| 26 | 12,5 | 2 | 4,06 | 8,12 |
| 27 | 6,3 | 27 | 0,86 | 23,22 |
| 28 | 10 | 2 | 3,98 | 7,96 |
| 29 | 12,5 | 2 | 3,98 | 7,96 |
| 30 | 6,3 | 26 | 0,86 | 22,36 |
| 31 | 10 | 2 | 1,46 | 2,92 |
| 32 | 12,5 | 2 | 1,46 | 2,92 |
| 33 | 6,3 | 9 | 0,86 | 7,74 |
| 34 | 10 | 2 | 1,83 | 3,66 |
| 35 | 12,5 | 2 | 1,83 | 3,66 |
| 36 | 6,3 | 12 | 0,86 | 10,32 |
| 37 | 10 | 2 | 3,16 | 6,32 |
| 38 | 12,5 | 2 | 3,16 | 6,32 |
| 39 | 6,3 | 20 | 0,86 | 17,2 |
| 40 | 10 | 2 | 2,66 | 5,32 |
| 41 | 12,5 | 2 | 2,66 | 5,32 |
| 42 | 6,3 | 17 | 0,86 | 14,62 |
| 43 | 10 | 4 | 2,78 | 11,12 |
| 44 | 12,5 | 4 | 2,78 | 11,12 |
| 45 | 6,3 | 36 | 0,86 | 30,96 |
| 46 | 10 | 2 | 1 | 2 |
| 47 | 12,5 | 2 | 1 | 2 |
| 48 | 6,3 | 6 | 0,86 | 5,16 |
| 49 | 10 | 2 | 4,21 | 8,42 |
| 50 | 12,5 | 2 | 4,21 | 8,42 |
| 51 | 6,3 | 28 | 0,86 | 24,08 |
| 52 | 10 | 2 | 13 | 26 |
| 53 | 12,5 | 3 | 13 | 39 |
| 54 | 6,3 | 85 | 0,86 | 73,1 |
| 55 | 10 | 2 | 1,96 | 3,92 |
| 56 | 12,5 | 3 | 1,96 | 5,88 |
| 57 | 6,3 | 12 | 0,86 | 10,32 |

| TABELA RESUMO DE AÇO | | | |
|----------------------|----------|-----------|-----------------|
| DIAM. | COMP.(M) | Peso (Kg) | TOTAL (KG) SOMA |
| 10 | 147,2 | 0,617 | 90,82 |
| 12,5 | 162,16 | 0,963 | 156,16 |
| 6,3 | 398,18 | 0,245 | 97,55 |

| RESUMO DO CONCRETO | |
|-----------------------------|------|
| Total de concreto FCK=30MPa | 4,34 |

TITULO: PROJETO ESTRUTURA DA FUNDAÇÃO DE REFORMA

R.T. EXECUÇÃO: DARIAM JONNIS JOSE DA SILVA ENGENHEIRO CIVIL

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE CONGONHAL

CATEGORIA DE USO: REFORMA PREDIO DO CRAS DE CONGONHAL

DETALHE: Planta das Brocas com as vigas baldrame

RUA: RUA DONÁ PULCHERIA PAIVA PINTO

LOCAL: CENTRO, CONGONHAL - MG

NUMERO: 174.603/D

CPF/CNPJ: 18.675.967/0001-39

NUMERO: 123 E 129

DATA: Agosto 2023

FOLHA: Unica