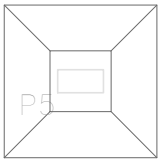
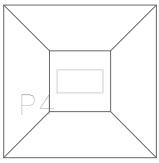
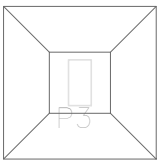
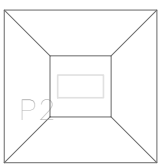
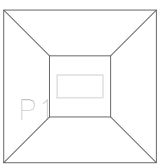
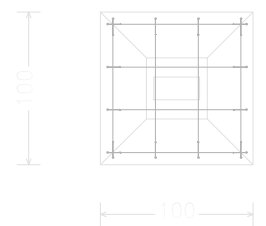
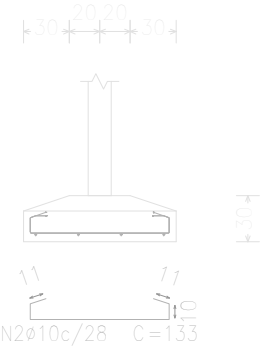
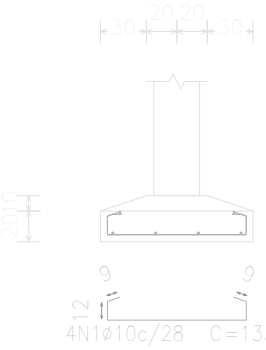


| Elemento       | Pos.                | Diam. | Q. | Dob.<br>(cm) | Refo<br>(cm) | Dob.<br>(cm) | Comp.<br>(cm) | Total<br>(cm) | CA-50<br>(kg) | CA-60<br>(kg) |
|----------------|---------------------|-------|----|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| P1=P2=P3=P4=P5 | 1                   | ø10   | 4  |              | 133          |              | 133           | 532           | 3.3           |               |
|                | 2                   | ø10   | 4  |              | 133          |              | 133           | 532           | 3.3           |               |
|                | 3                   | ø10   | 4  | 30           | 62           |              | 92            | 368           | 2.3           |               |
|                | 4                   | ø6.3  | 3  |              | 76           |              | 76            | 228           | 0.6           |               |
|                | Total=108;<br>(x5): |       |    |              |              |              |               |               | 10.5<br>52.5  |               |
|                |                     |       |    |              |              |              |               | ø6.3:         | 3.5           | 0.0           |
|                |                     |       |    |              |              |              |               | ø10:          | 49.0          | 0.0           |
|                |                     |       |    |              |              |              |               | Total:        | 52.5          | 0.0           |



P1, P2, P3, P4 e P5



| Resumo Aço            | Comp. total<br>(m) | Peso+10%<br>(kg) | Total |
|-----------------------|--------------------|------------------|-------|
| SUB SOLO              |                    |                  |       |
| Detalhamento fundação |                    |                  |       |
| CA-50                 | ø6.3               | 11.4             | 3     |
|                       | ø10                | 71.6             | 49    |
|                       |                    |                  | 52    |

SUB SOLO  
Detalhamento fundação  
Concreto: C30, em geral  
Escala: 1:50



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|                      |                                                                         |         |                      |
|----------------------|-------------------------------------------------------------------------|---------|----------------------|
| Contratante:         | PREFEITURA MUNICIPAL DE TERRA ALTA (PA)                                 |         |                      |
| Responsável técnico: | CESAR EDUARDO MEDEIROS CANELAS FILHO<br>ENG.CIVIL - CREA/PA 150276372-9 |         |                      |
| Obra:                | REFORMA DO BALNEÁRIO RIO GRANDE                                         |         |                      |
| Localização:         | RUA JÚLIO SARAIVA, S/N - SEDE MUNICIPAL                                 |         |                      |
| Revisão:             | 01                                                                      | Cidade: | TERRA ALTA-PA        |
| Desenho:             | DETALHAMENTO DA FUNDAÇÃO - GUARITA                                      |         |                      |
| Desenhista:          |                                                                         | Data:   | ABRIL/2026           |
| Escala:              | INDICADA                                                                |         | PROJETO ESTRUTURAL   |
| Assinatura:          |                                                                         |         | Prancha:<br>02<br>06 |