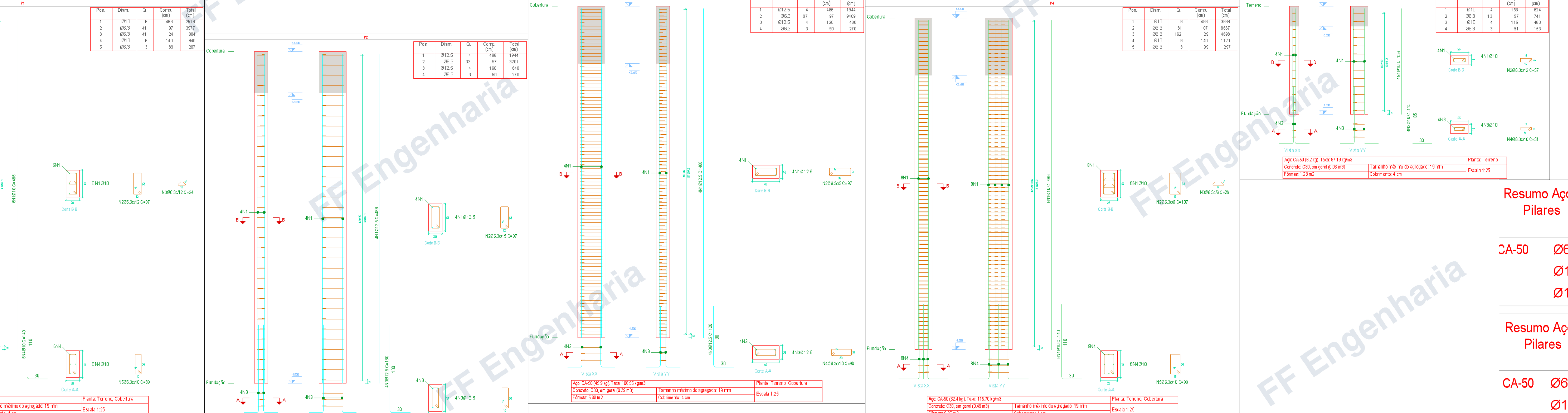


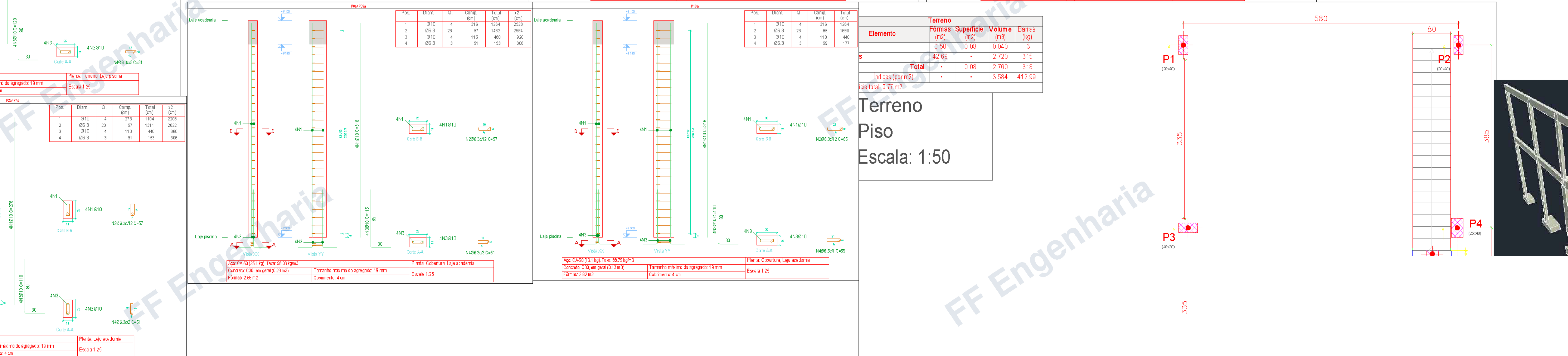
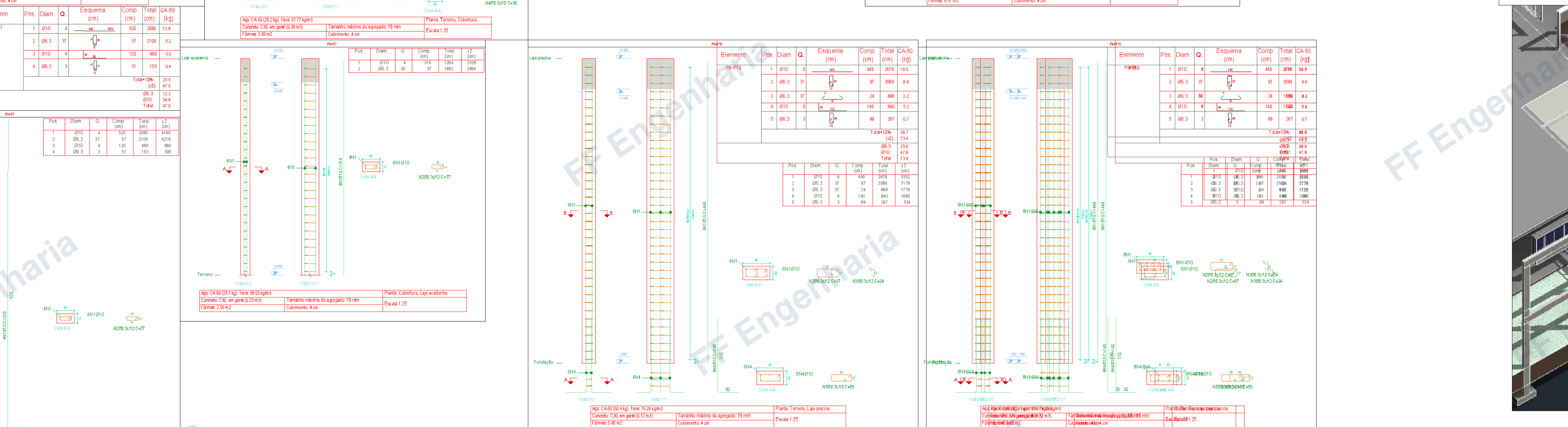
| Elemento  | Pos | Diam | Q  | Esquema (cm) | Comp (cm) | Total (kg) | CA-50 (kg) |
|-----------|-----|------|----|--------------|-----------|------------|------------|
| P1        | 1   | Ø10  | 6  | [Diagrama]   | 486       | 2916       | 180        |
|           | 2   | Ø6.3 | 41 | [Diagrama]   | 57        | 3977       | 97         |
|           | 3   | Ø6.3 | 41 | [Diagrama]   | 24        | 984        | 24         |
|           | 4   | Ø10  | 6  | [Diagrama]   | 140       | 840        | 52         |
|           | 5   | Ø6.3 | 3  | [Diagrama]   | 89        | 267        | 07         |
| Total+10% |     |      |    |              |           | 39.8       |            |
| Ø6.3      |     |      |    |              |           | 141        |            |
| Ø10       |     |      |    |              |           | 25.6       |            |
| Total     |     |      |    |              |           | 39.8       |            |



| Resumo Aço Pilares | Comp. total (m) | Peso+10% (kg) | Total |
|--------------------|-----------------|---------------|-------|
| CA-50 Ø6.3         | 525.8           | 142           | 376   |
| Ø10                | 266.9           | 181           |       |
| Ø12.5              | 50.1            | 53            |       |

| Resumo Aço Pilares | Comp. total (m) | Peso+10% (kg) | Total |
|--------------------|-----------------|---------------|-------|
| CA-50 Ø6.3         | 81.0            | 22            | 74    |
| Ø10                | 76.8            | 52            |       |



| Elemento        | Fórm. | Superfície (m²) | Volum. (m³) | Barras (kg) |
|-----------------|-------|-----------------|-------------|-------------|
| 1               | Ø10   | 0.50            | 0.040       | 3           |
| 2               | Ø6.3  | 0.06            | 2.720       | 315         |
| 3               | Ø10   | 4               | 110         | 440         |
| 4               | Ø6.3  | 3               | 99          | 177         |
| Total           |       | 0.08            | 2.760       | 310         |
| Índices (kg/m²) |       | 3.584           | 412.99      |             |

1 Planta geral  
ESC. 1:75