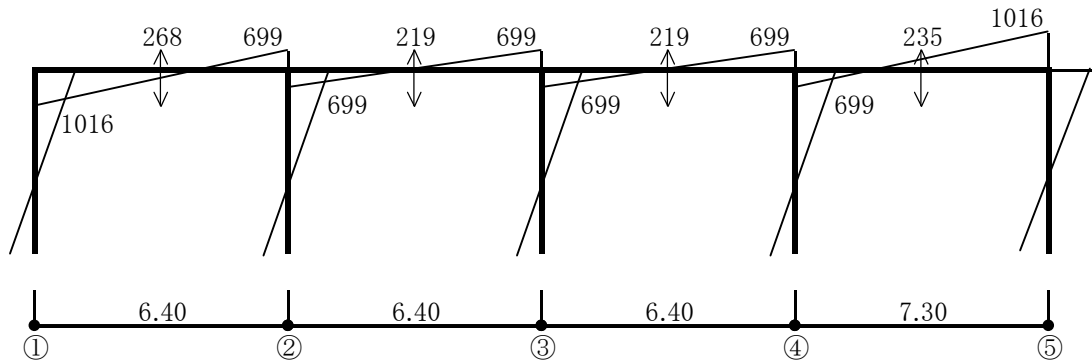


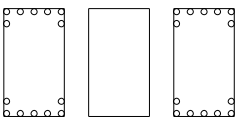
【地中梁検討用杭頭曲げモーメント】

$$M_p = M_o + Q_o \times h \quad (h = 1.0m)$$

杭頭曲げモーメントは、1/2で分配



| | | | | | |
|-------|------|------|------|------|------|
| M_o | 592 | 872 | 872 | 872 | 592 |
| Q_o | 424 | 526 | 526 | 526 | 424 |
| M_p | 1016 | 1398 | 1398 | 1398 | 1016 |

| 符号 | | FG1 (B通り) | | | | | |
|----|-----------------------|---|----------------|--|--|--|--|
| 位置 | | ④端 | ⑤端 | | | | |
| 断面 | B | 45.0 | | | | | |
| | D | 180.0 | | | | | |
| | dt | 8.7 | 8.7 | | | | |
| | L, L' | | | | | | |
| 応力 | ML | 175 | 70 | | | | |
| | ME | 1175 | 1614 | | | | |
| | ME' | 1175 | 1614 | | | | |
| | MS 上下 | 1350 1000 | 1684 1544 | | | | |
| 配筋 | 主筋 上下 | 7-D25 7-D25 | 7-D25 7-D25 | | | | |
| | pt (%) | 0.46 | 0.46 | | | | |
| | X形主筋 | | | | | | |
| 耐力 | ML | 1233 | 1233 | | | | |
| | MS 上下 | 1934 1934 | 1934 1934 | | | | |
| | My 上下 | | | | | | |
| | Mcr | 764 | 764 | | | | |
| 検定 | ML | 0.14 | 0.06 | | | | |
| | MS 上下 | 0.70 0.52 | 0.87 0.80 | | | | |
| | | | | | | | |
| 応力 | QL | 138 | 119 | | | | |
| | QE | 397 | 397 | | | | |
| | QM | | | | | | |
| | dQA | | | | | | |
| | n1, n2 | 1.50 | | | | | |
| QS | 733 | 714 | | | | | |
| 配筋 | スタラップ | 2-D13 @200 | 2-D13 @200 | | | | |
| | pw (%) | 0.28 | 0.28 | | | | |
| | 必要pw | | | | | | |
| 耐力 | QL | 999 | 999 | | | | |
| | α | 2.00 | 2.00 | | | | |
| | QS | 1227 | 1057 | | | | |
| 検定 | α | 1.62 | 1.38 | | | | |
| | QL | 0.14 | 0.12 | | | | |
| | QS | 0.60 | 0.68 | | | | |
| 断面 | |  | | | | | |
| 材料 | コンクリート 主筋 スタラップ | Fc21 SD345 SD295 | | | | | |