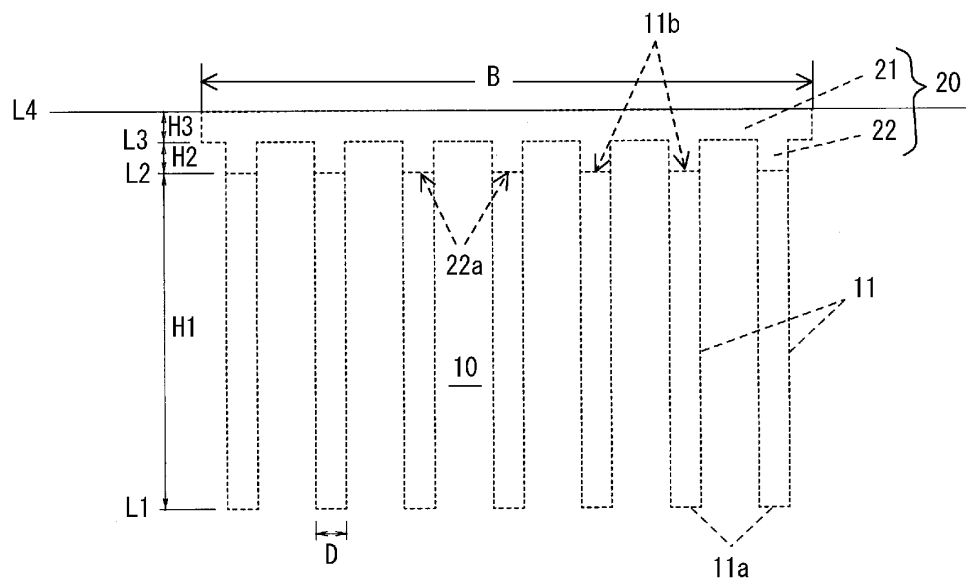
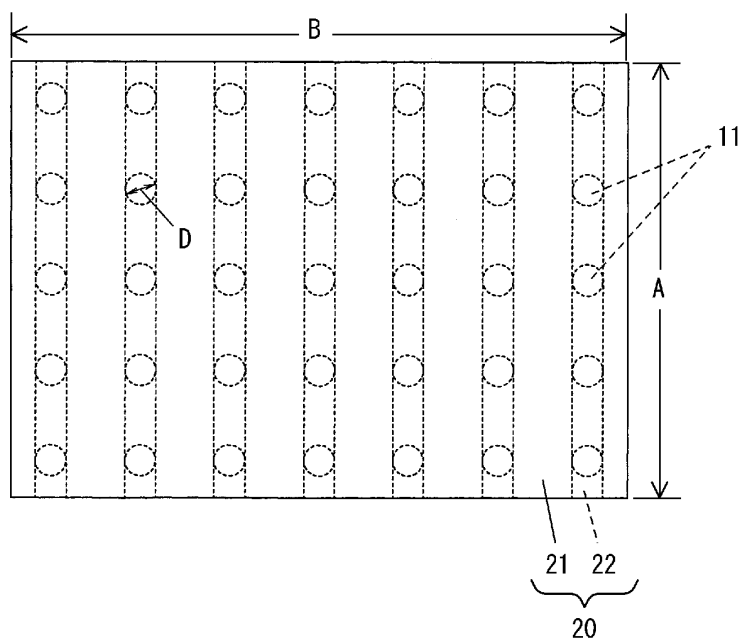


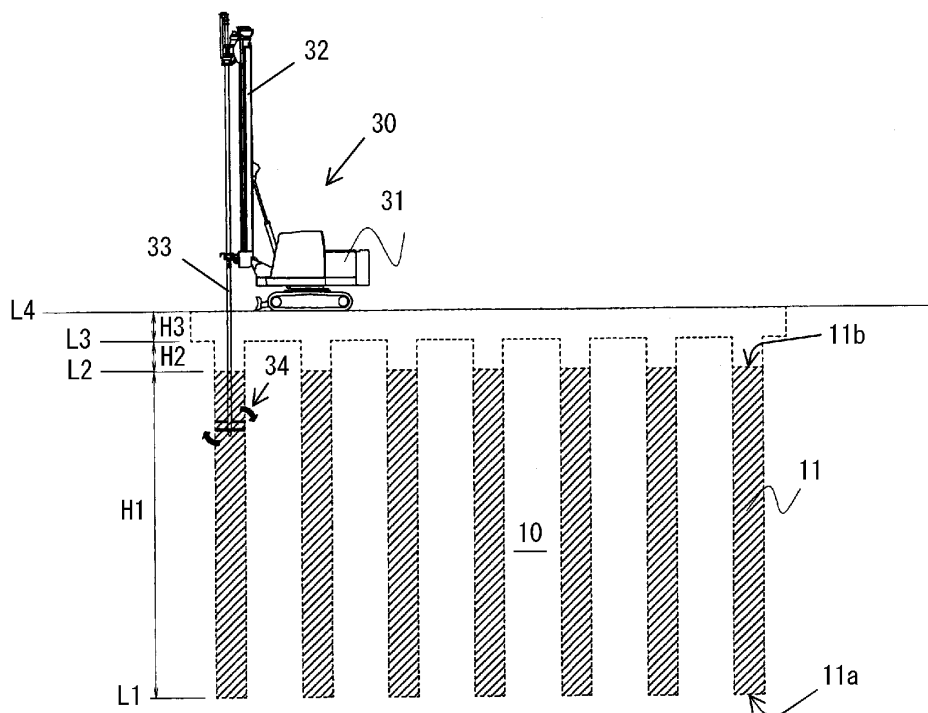
[図1]



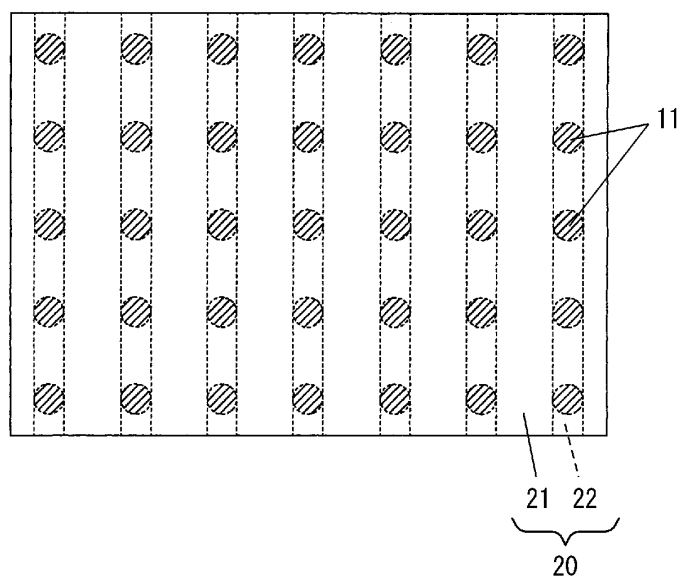
[図2]



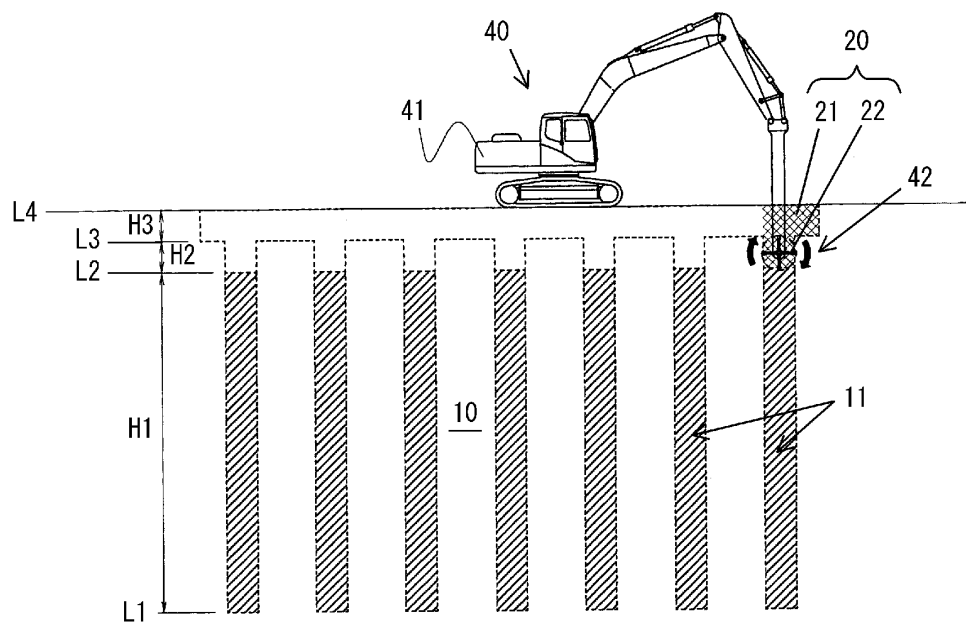
[図3]



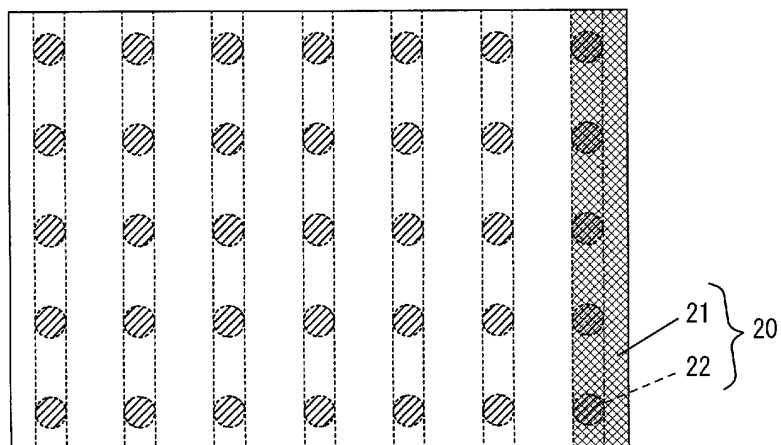
[図4]



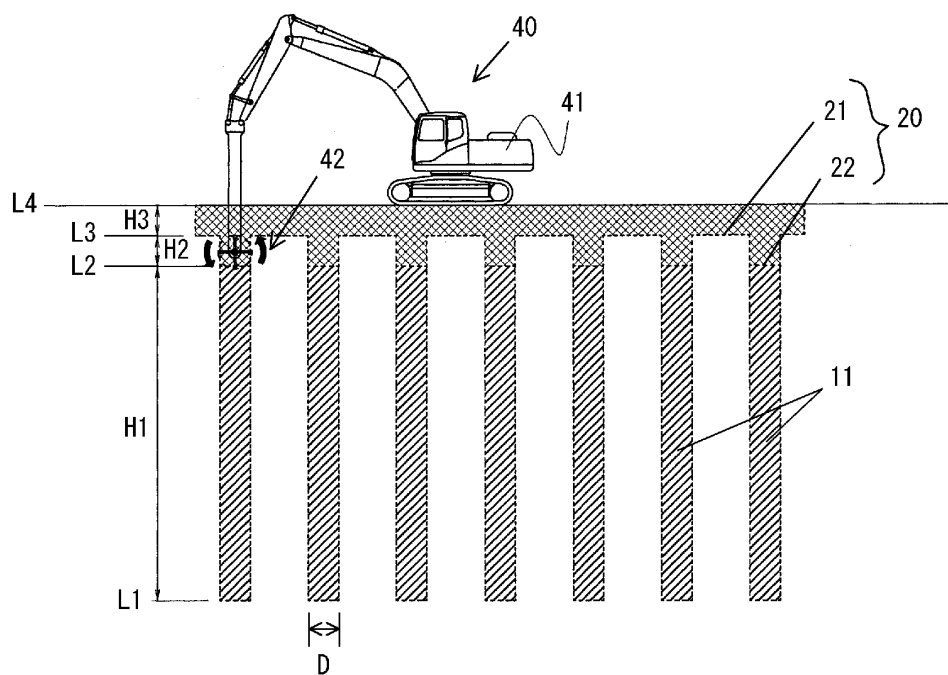
[図5]



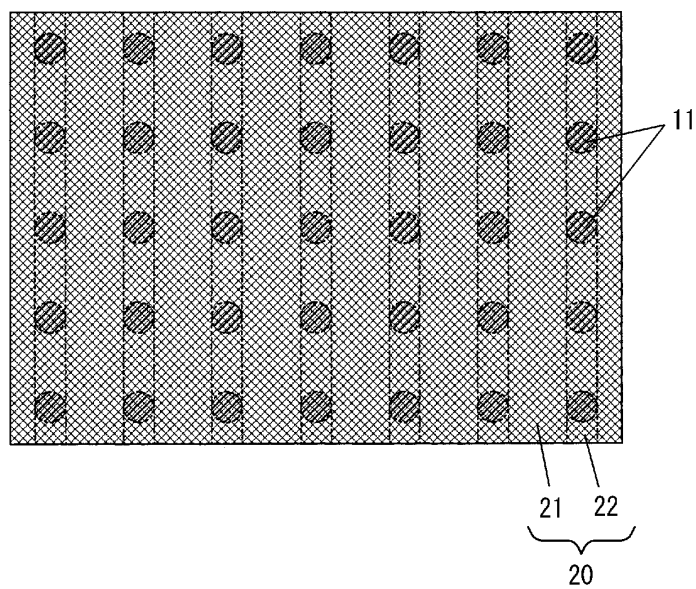
[図6]



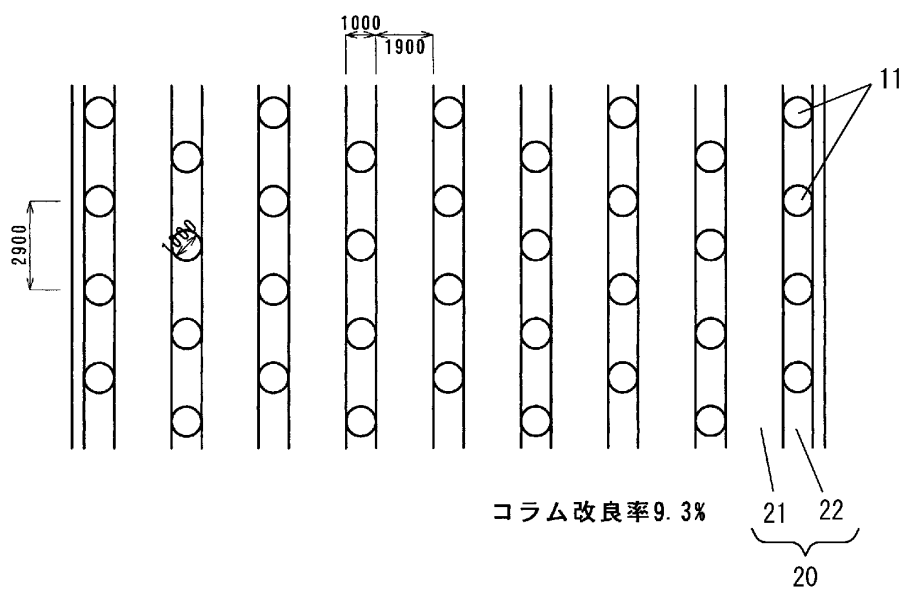
[図7]



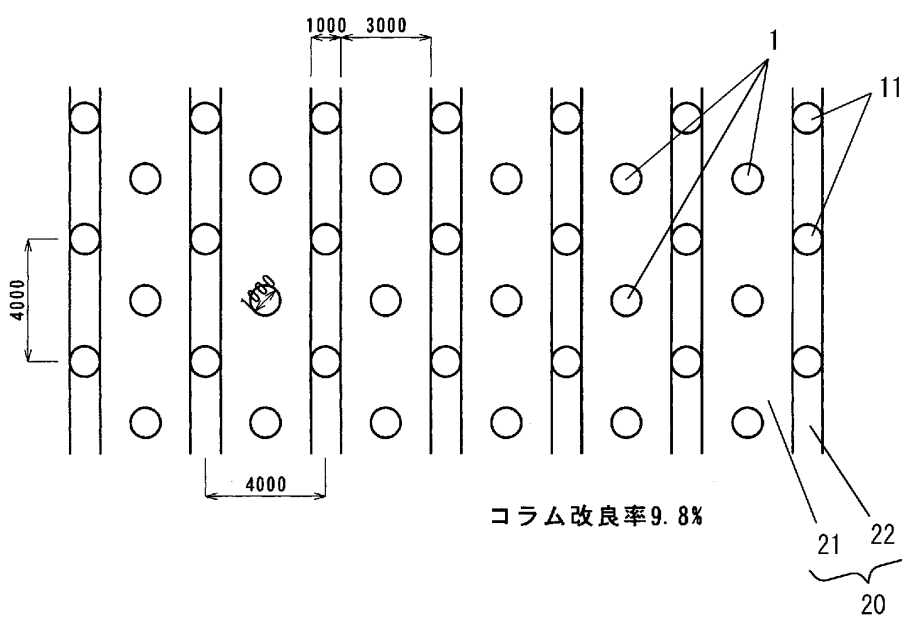
[図8]



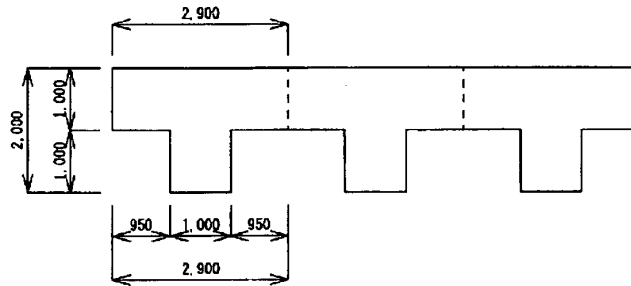
[図9]



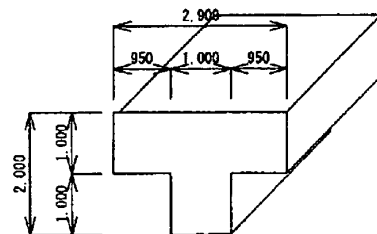
[図10]



[図 13]



コラム間隔 2.9m、等価コラム純間隔 2.2m



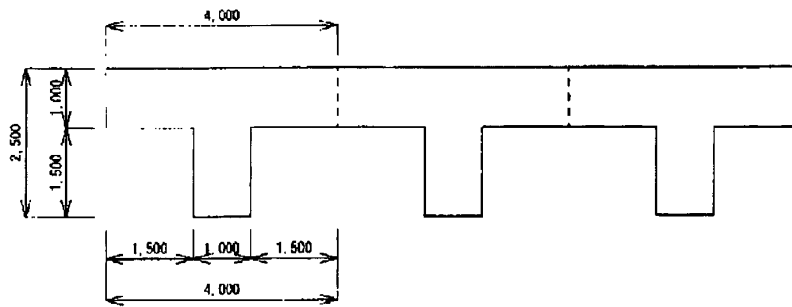
$$Z = 1.413 \text{ m}^3$$

$$\text{上載荷重 } 40 \text{ kN/m}^2 \times 2.2 \text{ m} = 88 \text{ kN/m}$$

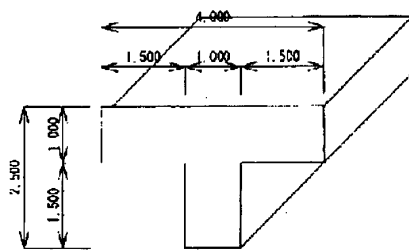
$$M = 88 \times 2.2^2 / 8 = 53.24 \text{ kN} \cdot \text{m}$$

$$\sigma = M/Z = 53.24 / 1.413 \approx 38 \text{ kN/m}^2 \leq 80 \text{ kN/m}^2 \cdots \text{OK}$$

[図 14]



コラム間隔 4.0m、等価コラム純間隔 3.3m



$$Z = 2.758 \text{ m}^3$$

$$\text{上載荷重 } 40 \text{ kN/m}^2 \times 3.3 \text{ m} = 132 \text{ kN/m}$$

$$M = 132 \times 3.3^2 / 8 = 179.69 \text{ kN} \cdot \text{m}$$

$$\sigma = M/Z = 179.69 / 2.758 \approx 65 \text{ kN/m}^2 \leq 80 \text{ kN/m}^2 \cdots \text{OK}$$