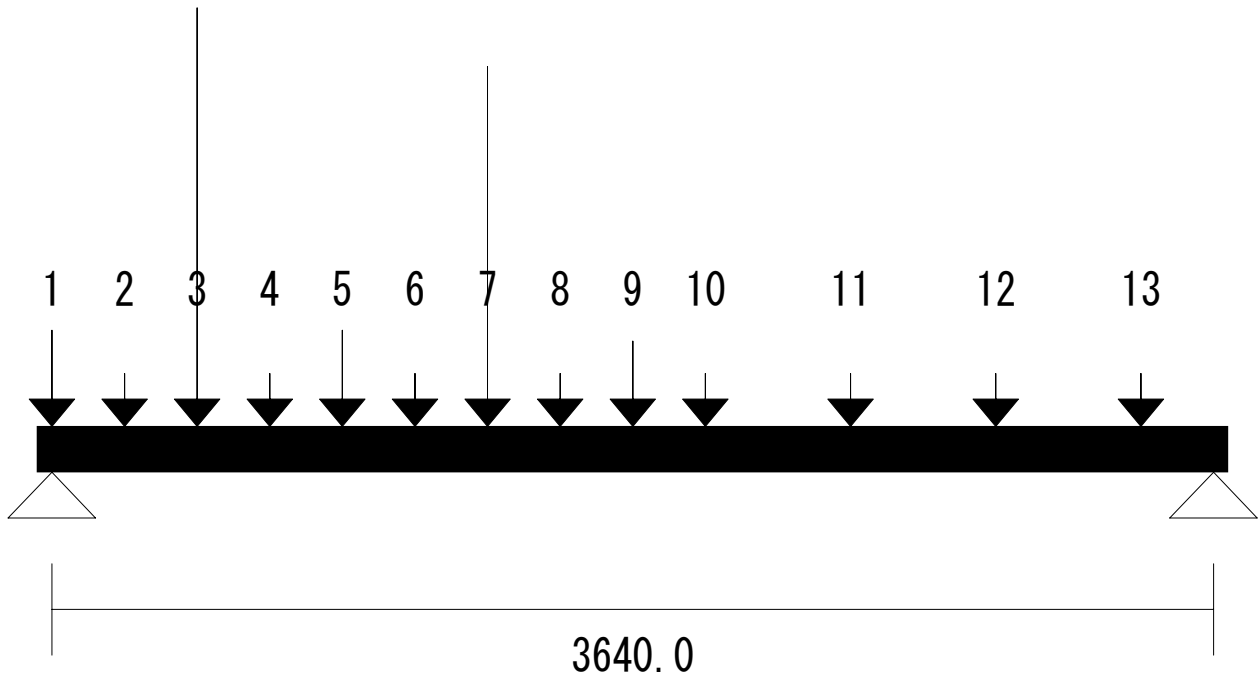


天井梁<2F- 2>

G+P ●

S-P-F 2級

3-210



1) 553.8 / 553.8 [0.0]	5) 553.8 / 553.8 [910.0]	9) 434.2 / 434.2 [1820.0]	13) 82.8 / 82.8 [3412.5]
2) 82.8 / 82.8 [227.5]	6) 82.8 / 82.8 [1137.5]	10) 82.8 / 82.8 [2047.5]	
3) 4079.9 / 4079.9 [455.0]	7) 3438.4 / 3438.4 [1365.0]	11) 82.8 / 82.8 [2502.5]	
4) 82.8 / 82.8 [682.5]	8) 82.8 / 82.8 [1592.5]	12) 82.8 / 82.8 [2957.5]	

[せん断] <床梁、マグサ 1300 N/m²>

$$\text{必要断面積} = 1.5 \times 6682.6 (Q) / 0.66 (\tau) = 151.9 [\text{cm}^2]$$

$$151.9 < 267.9 (3-210\text{の断面積}) \cdots \text{OK}$$

[曲げ] <床梁、マグサ 1300 N/m²>

$$\text{必要断面係数} = 4987506.2 (M) / 5.4 (\sigma) = 926.1 [\text{cm}^3]$$

$$926.1 < 1049.1 (3-210\text{の断面係数}) \cdots \text{OK}$$

[たわみ] <たわみ 600 N/m²>

$$\text{許容たわみ量} = 3.64 \text{ cm (スパンの } 1/100) \text{ かつ } 100.00 \text{ cm以下}$$

$$\text{最大たわみ量} = 1.01 \text{ cm} \cdots \text{OK}$$