Company : **T. Flavius Vespasianus Caesar Augustus**

Contract : Flavian Amphitheatre (Coliseum)

Title : Arena floor (above lion's cage)

Pallett
Temporary*Works*
Limited

0.0   0.5   **1.0**   1.5   **2.0**   2.5   **3.0**   3.5   **4.0**   4.5   **5.0**   5.5   **6.0** metres

10.0 kN

20.0 kN

20.0 kN

0.0 - 5.0 kN/m

5.0 - 5.0 kN/m

5.0 - 0.0 kN/m

2.0 kN/m

2.0 kN/m
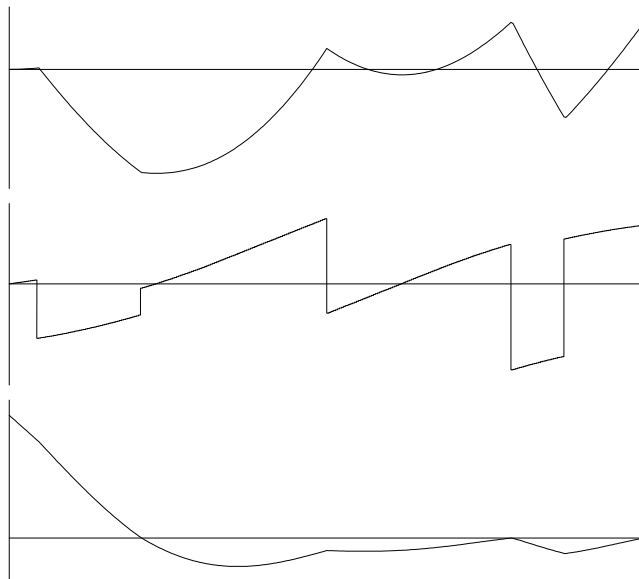
0.21 kN/m

0.21 kN/m

3.3 kNm

4.5 kN

36.3 kN

21.5 kN

10.0 kN

Section : RMD Kwikform SuperSlim Soldier

Bending Stiffness, EI = 4020 kNm ^{2} Shear Stiffness, GA = 17350 kN   Self-Weight, w = 0.210 kN/m

Self-Weight is included in the analysis with Partial Safety Factor 1.00

Bending Moment :

    Largest Positive =   +7.22 kNm

    Largest Negative =   -3.32 kNm

Shear Force :

    Largest Positive =   +14.7 kN

    Largest Negative =   -11.1 kN

Deflection :

    Largest Positive =   +0.8 mm

    Largest Negative =   -3.5 mm

No Point Values Stored