

BD Bezručova 617/18a – příčný řez B

Technical drawing of a building section showing structural dimensions and load calculations. The drawing includes a cross-section of a multi-story building with a basement and ground floor. Dimensions are given in millimeters (mm) and meters (m). Load calculations are shown in blue and pink text, including dead load (G), live load (Q), and wind load (W). A pink hatched area indicates a specific load zone.

Dimensions (mm):

- Basement floor to ground floor: 3220
- Ground floor to first floor: 3000
- First floor to second floor: 3000
- Second floor to third floor: 3000
- Third floor to fourth floor: 3000
- Fourth floor to fifth floor: 3000
- Basement floor to basement ceiling: 300
- Ground floor to ground ceiling: 300
- First floor to first ceiling: 300
- Second floor to second ceiling: 300
- Third floor to third ceiling: 300
- Fourth floor to fourth ceiling: 300
- Basement floor to basement ceiling: 300
- Ground floor to ground ceiling: 300
- First floor to first ceiling: 300
- Second floor to second ceiling: 300
- Third floor to third ceiling: 300
- Fourth floor to fourth ceiling: 300

Load Calculations:

- Basement floor to ground floor: 39.9 kN/m ($(3.2 + 0.3) \times 0.6 + 19 \text{ kN/m}^3$)
- Ground floor to first floor: 21.6 kN/m ($(0.7 + 0.6) + 10 \times 0.8$)
- First floor to second floor: 28.22 kN/m ($(3.3 + 0.3) \times 0.45 + 19 \text{ kN/m}^3$)
- Second floor to third floor: 28.22 kN/m ($(3.3 + 0.3) \times 0.45 + 19 \text{ kN/m}^3$)
- Third floor to fourth floor: 28.22 kN/m ($(3.3 + 0.3) \times 0.45 + 19 \text{ kN/m}^3$)
- Fourth floor to fifth floor: 28.22 kN/m ($(3.3 + 0.3) \times 0.45 + 19 \text{ kN/m}^3$)
- Basement floor to basement ceiling: 10.31 kN/m ($2.55 / 2 + 0.45 + 19 \text{ kN/m}^3$)
- Ground floor to ground ceiling: 1.43 kN/m ($0.5 \times 0.15 + 19 \text{ kN/m}^3$)

Other Dimensions:

- Basement floor to basement ceiling: 300
- Ground floor to ground ceiling: 300
- First floor to first ceiling: 300
- Second floor to second ceiling: 300
- Third floor to third ceiling: 300
- Fourth floor to fourth ceiling: 300
- Basement floor to basement ceiling: 300
- Ground floor to ground ceiling: 300
- First floor to first ceiling: 300
- Second floor to second ceiling: 300
- Third floor to third ceiling: 300
- Fourth floor to fourth ceiling: 300