

VÝPOČET SCHODIŠTĚ:

a) BEZBARIEROVÉ:

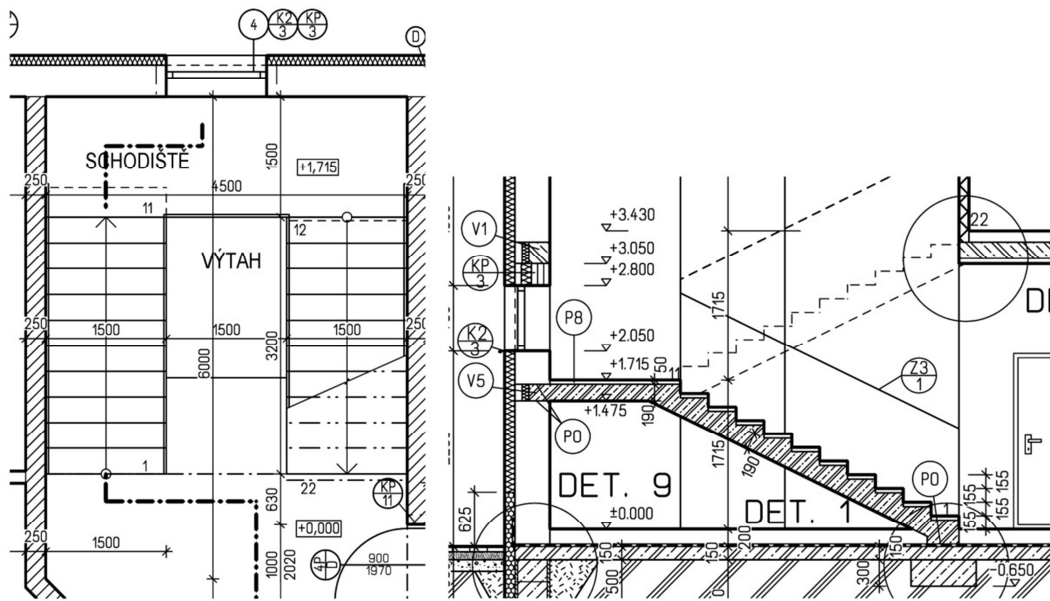
h1=3430 mm

sklon max. 28°

hst=max. 160 mm

$$hs1 = 3430/160 = 21,44 \Rightarrow \underline{22 \text{ stupňů}}$$

hs1=155,91 mm

$$2h+b=630 \text{ mm}$$
$$b=630-2h \Rightarrow b_1=630-2 \cdot 155,91=318,18 \text{ mm} \Rightarrow \underline{320 \text{ mm}}, L_1=3200 \text{ mm}$$
$$\text{tg}\alpha_1 = h/b = 3430/3200 \cdot 2 \Rightarrow \underline{27,9^\circ}$$


b) 1S-1NP POMOCNÉ SCHODIŠTĚ:

h1=3295 mm

sklon max. 33°

hst=max. 180 mm

$$hs1 = 3295/160 = 20,50 \Rightarrow \underline{20 \text{ stupňů}}$$

hs1=164,75 mm

$$2h+b=630 \text{ mm}$$
$$b=630-2h \Rightarrow b_1=630-2*164,75=300,5 \text{ mm} \Rightarrow \underline{300 \text{ mm}}, L_1=2700 \text{ mm}$$
$$\operatorname{tg} \alpha_1 = h/b = 3295/2700 * 2 \Rightarrow \underline{32,0^\circ}$$

1NP-2NP POMOCNÉ SCHODIŠTĚ:

h1=3430 mm

sklon max. 33°

hst=max. 160 mm

$$hs1 = 3430/160 = 21,44 \Rightarrow \underline{21 \text{ stupňů}}$$

hs1=163,33 mm

$$b=630-2h \Rightarrow b_1=630-2*163,33=303,34 \text{ mm} \Rightarrow \underline{300 \text{ mm}}, L_1=2700-3000\text{mm}$$

$$\text{tg}\alpha_1 = h/b=3430/2700*2 \Rightarrow \underline{32,43^\circ}$$

