



① Left side - For this example use a stiff clay

Evaluate left side & Find Reactions

② Apply Reactions on Right side

- Adjust Apparent pressure diagram Based on Reactions

$$R_1 + R_2 + R_3 = F_{Tot R} < F_{Tot pas}$$

Also:

$$F_{Tot R} = P_1 + P_2 + P_3 \Rightarrow$$

$$P_1 = P_3 = (0.25H \times f)^{1/2}$$

$$P_2 = (0.5H \times f)^{1/2}$$

$$\therefore R_1 + R_2 + R_3 = 2 \times (0.25H \times f)^{1/2}$$

$$+ (0.5H \times f)^{1/2} \leftarrow \text{this should be less than Passive Resistance}$$