Choose $B$
Guess $\sigma_1$
Determine $\delta$, $\phi'$
Select θ′ that allows mass flow (include 3° safety factor)
Calculate $ff$
Calculate $H(\theta')$
Solve $\sigma_1 = \frac{ff\,\rho_b g B}{H(\theta')}$
Update $\delta$, $\phi'$
$\sigma_1$ converged?
No
Yes
θ′ is recommended value