



UNIT RISE
Rise/Run = 9/12 = .75

TOTAL RISE = Total Run x Unit Rise
= 12' x .75
= 9'

LOSS AT TOP = Rise x (1/2 Ridge thk) ÷ Run
= 9 x .75" ÷ 12
= .56 (1/2")

HEIGHT OF BEAM = (Total Rise + HAP) - Loss at Top
= 9'-7" - 1/2"
= 9'-6 1/2"

① Ridge Beam Height Above Plateline
1" = 1'-0"