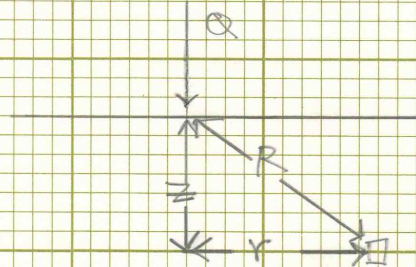


$$\Delta H = \frac{3Q}{2\pi} \frac{r^2 z}{R^5}$$



FOR POINT (1, 0) @ 0.25'

$$z = 0.25$$

$$r = 1.0$$

$$R = 1.03078$$

$$Q = 250$$

$$\Delta \sigma_H = \frac{3(250)}{2\pi} \frac{(1.0^2)(0.25)}{1.03078^5}$$

$$\Delta \sigma_H = 119.4 \times 0.2143 = 25.65 \text{ psf}$$

UNDOUBLED

Ans
10/2/12

