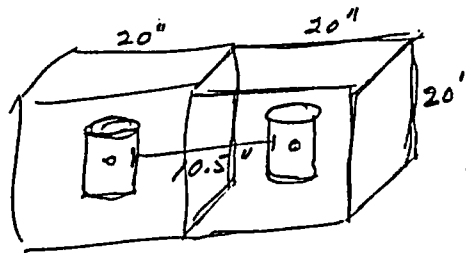
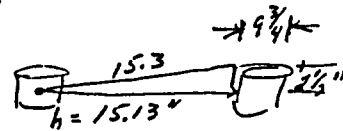


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11.11
11.11
11.11



$$\frac{20}{9.75} \quad \sin \theta = \frac{(2.5)^2}{(15.13)^2} = \frac{6.25}{229} = \frac{229}{235} = 15.3$$

Actual E & E 20 - 9.75 = 10.25

C & edge = 10.25 + 4.88 = 15.13 (h) $\sin \theta = \frac{2.5}{15.3} = .163$

$$r_1 = 2 \frac{d}{h} \sin \theta = 2$$

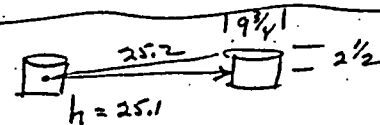
$$= 2 \frac{9.75}{15.13} \times .163 = .210$$

For $\frac{1}{4}$, $r = .840$

For **

For **

$$\frac{15.13^2}{20^2} = \frac{229}{400} = \frac{400}{629} = 25.1$$



$$\sin \theta = \frac{2.5^2}{25.1^2} = \frac{6.25}{629} = 25.2$$

$$r_1 = 2 \frac{9.75}{25.1} \cdot .099 = .077$$

$$r_4 = 4(.077) = .308$$

$$\sin \theta = \frac{2.5}{25.2} = .099$$

Total $r = .84 + .31 = 1.15 / 4\pi = 9.2\%$

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