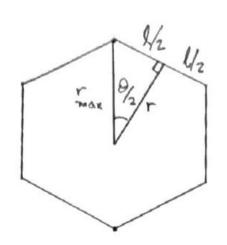
1,54 c4 F. Lendasi Done C2 Circular radii FIBERGLASS in inches \$ 7.275 at 1:5 scale 63 Wood 5.11 ĊI Concrete foundation Done foundation 300 1:5 scale 15° 1/12 of circle

Properties of an M-sided regular polygon



$$\theta = \frac{360^{\circ}}{n}$$

$$\frac{\partial}{\partial z} = \frac{180^{\circ}}{n}$$

$$\frac{r}{r_{\text{max}}} = \cos \frac{\theta}{z} \implies r_{\text{max}} = r \sec \frac{\theta}{z}$$

$$\frac{2/Z}{r} = \tan \frac{\theta}{Z} \implies l = Zr \tan \frac{\theta}{Z}$$

$$n=12$$

rmax = rsec 15° = 1.03528 r

$$l = Zr tan \frac{\theta}{Z} = 0.5359 r$$

$$\frac{9}{2} = 7.5^{\circ}$$

 $r_{\text{max}} = r \sec 7.5^{\circ} = 1.00869 \, r$ $l = Zr \tan 7.5^{\circ} = 0.2633 \, r$

10.4" 0- 10/32 sill plate 3.5" 7.50 - zo/4"-12-sided rebar rings Zor 3 plywood outer forms outer of outer =61/4" ~ 6 /3z 12 plywood inner forms