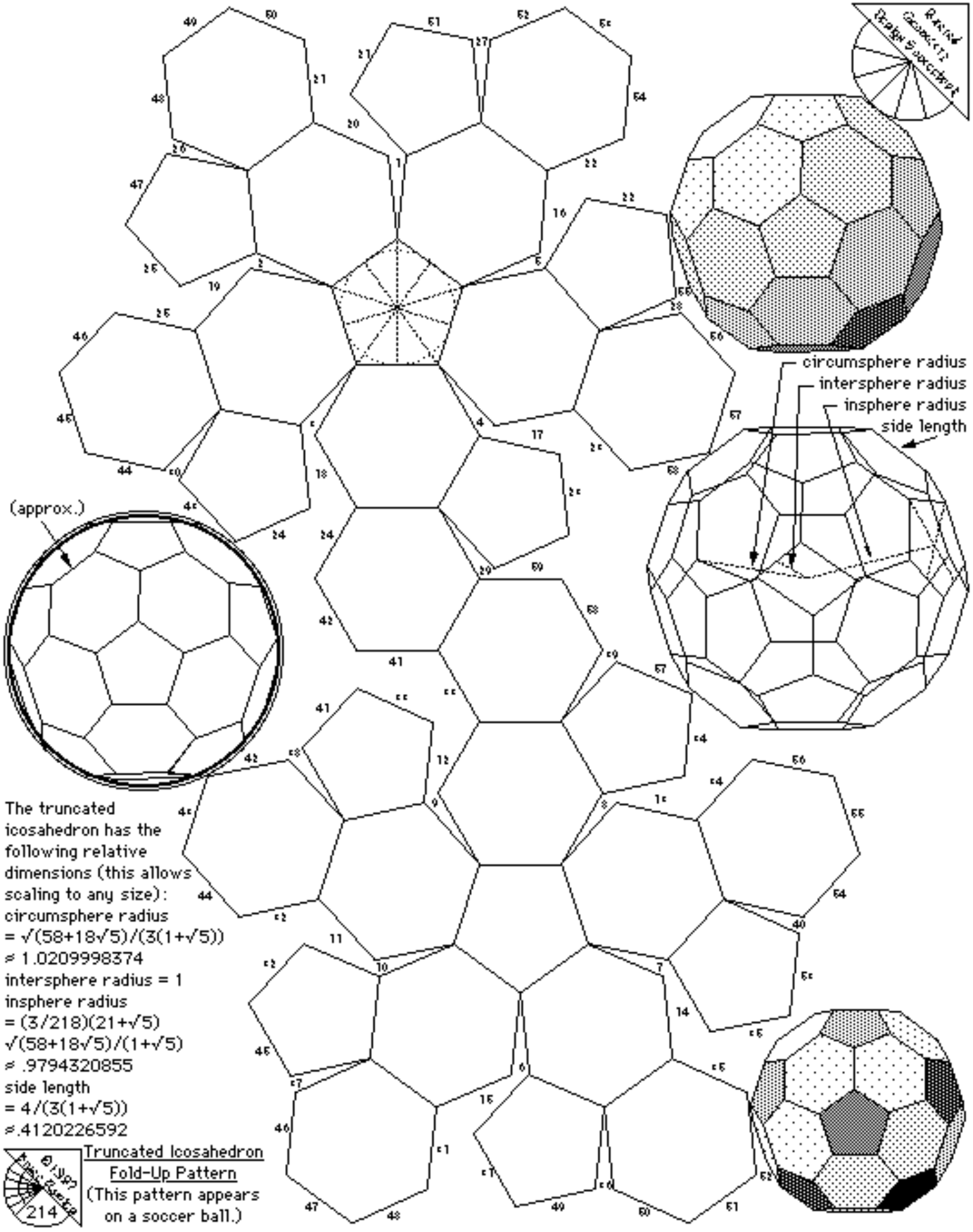

The truncated icosahedron has the following relative dimensions (this allows scaling to any size):
circumsphere radius
$= \sqrt{(58+18\sqrt{5})}/(3(1+\sqrt{5}))$
≈ 1.0209998374
intersphere radius = 1
insphere radius
$= (3/218)(21+\sqrt{5})$
$\sqrt{(58+18\sqrt{5})}/(1+\sqrt{5})$
$\approx .9794320855$
side length
$= 4/(3(1+\sqrt{5}))$
$\approx .4120226592$

Truncated Icosahedron
Fold-Up Pattern
(This pattern appears on a soccer ball.)