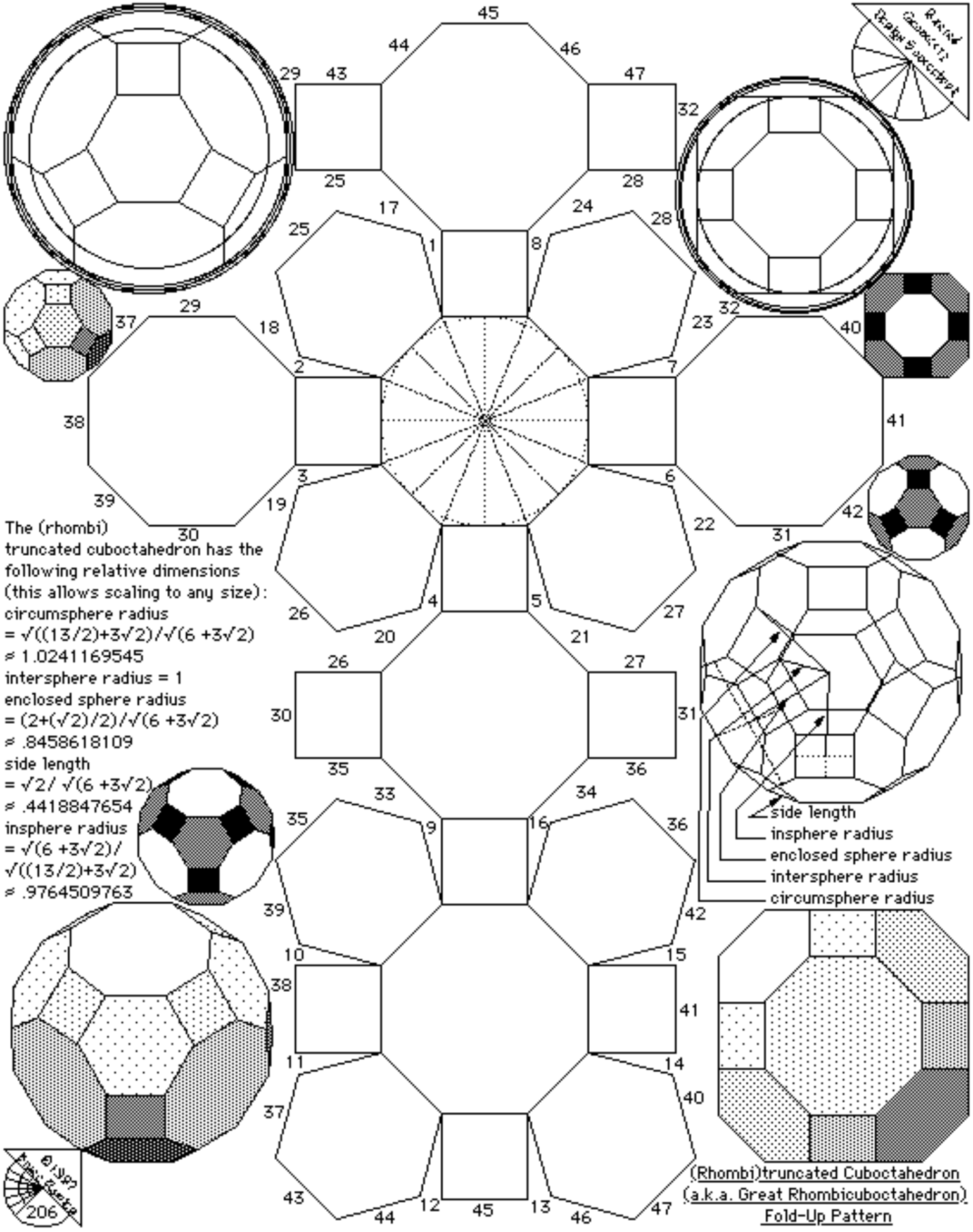
The (rhombi) truncated cuboctahedron has the following relative dimensions (this allows scaling to any size):
circumsphere radius
= √((13/2)+3√2)/√(6 +3√2)
≈ 1.0241169545
intersphere radius = 1
enclosed sphere radius
= (2+(√2)/2)/√(6 +3√2)
≈ .8458618109
side length
= √2/ √(6 +3√2)
≈ .4418847654
insphere radius
= √(6 +3√2)/
√((13/2)+3√2)
≈ .9764509763
side length
insphere radius
enclosed sphere radius
intersphere radius
circumsphere radius
(Rhombi)truncated Cuboctahedron
(a.k.a. Great Rhombicuboctahedron)
Fold-Up Pattern