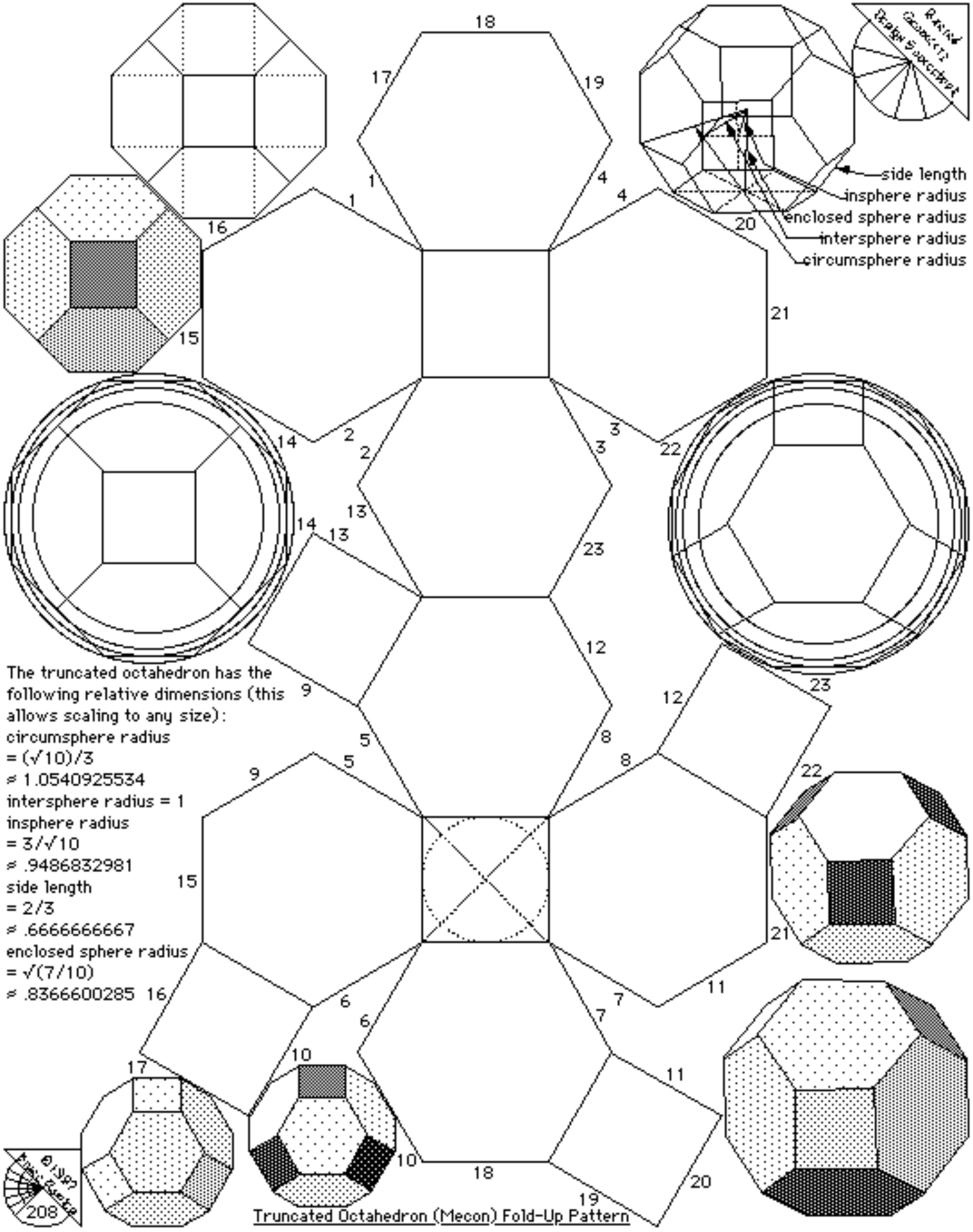
side length
insphere radius
enclosed sphere radius
intersphere radius
circumsphere radius
The truncated octahedron has the following relative dimensions (this allows scaling to any size):
circumsphere radius
= (√10)/3
≈ 1.0540925534
intersphere radius = 1
insphere radius
= 3/√10
≈ .9486832981
side length
= 2/3
≈ .6666666667
enclosed sphere radius
= √(7/10)
≈ .8366600285
Truncated Octahedron (Mecon) Fold-Up Pattern