

CONFIGURATION

Spheric
Radius 10.643
Rings 7
Sectors 6.000
Shifted rings 2
Number of nodes 152

HUBS

Number of hubs 151
Number of types 18

PANELS

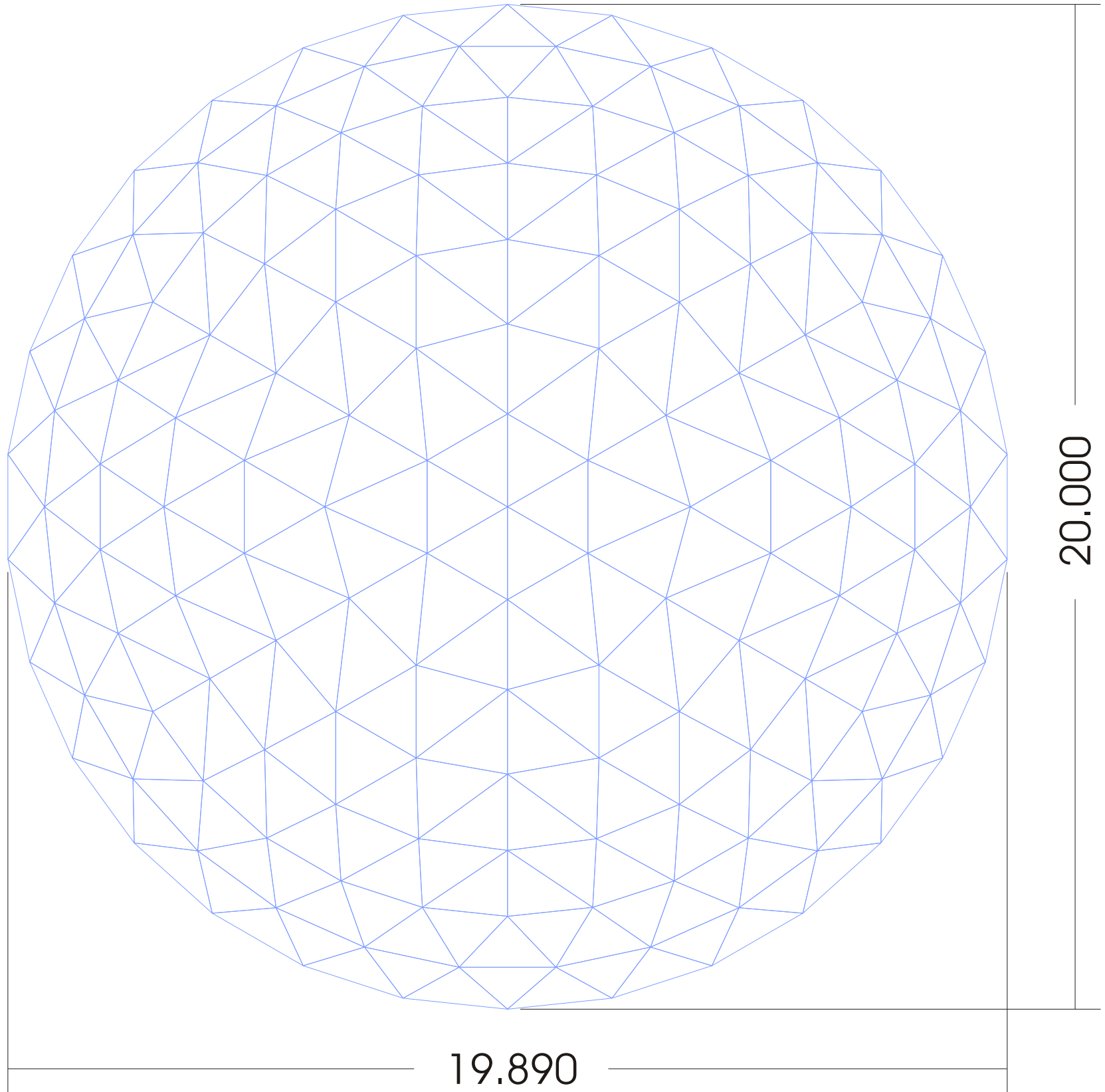
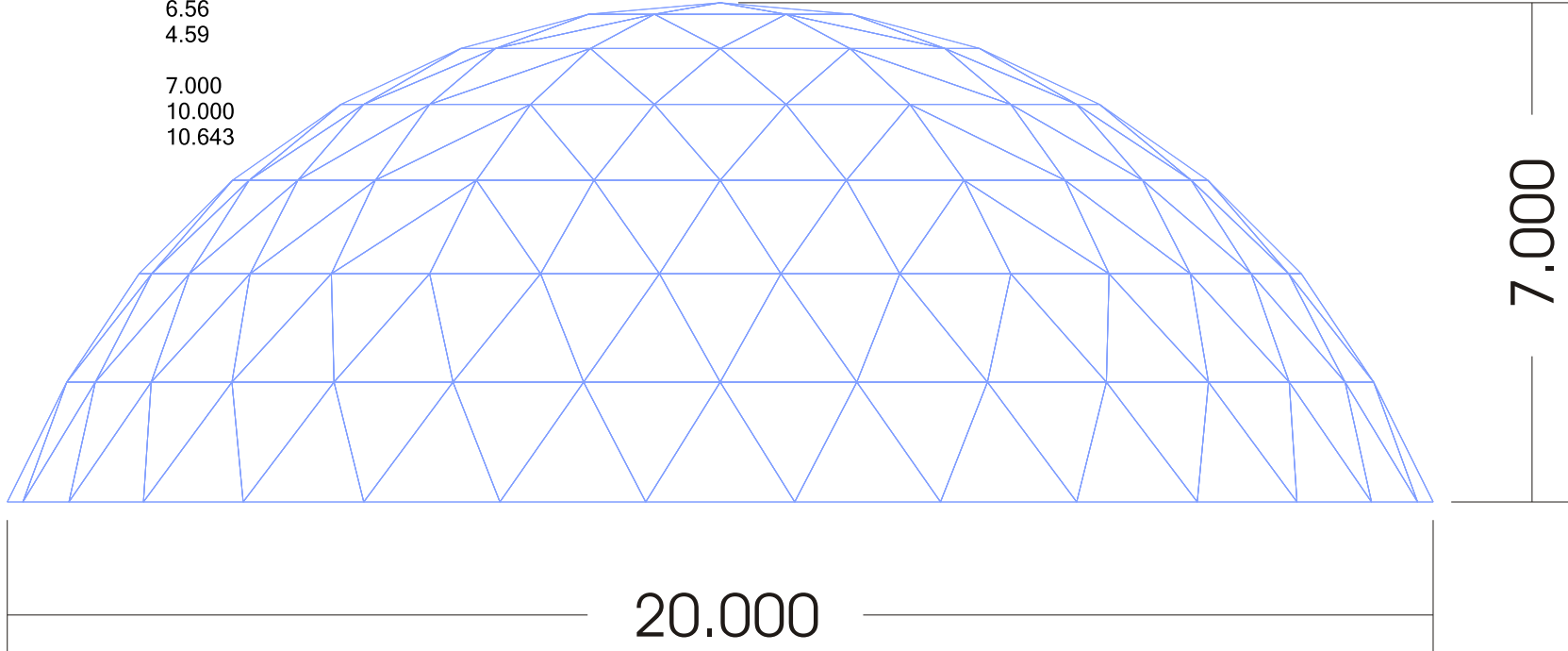
Number of panels 270
Number of types 29
Surface area 463.827
Largest panels 1.935
Smallest panel 1.486
Largest minimum width 1.816
Volume 1635.262

STRUTS

Number of struts 420
Number of types 20
Total length 848.169
Longest strut 2.433
Shortest strut 1.704
Maximum end-angle 6.56
Minimum end-angle 4.59

DOME METRICS

Dome height 7.000
Base radius 10.000
Spherical radius 10.643



CONFIGURATION
 Geodesic Dome - Icosahedron
 Class 1
 Zenith Z
 Radius 10.665
 Frequency 6
 Number of nodes 137
HUBS
 Number of hubs 136
 Number of types 18
PANELS
 Number of panels 240
 Number of types 20
 Surface area 461.866
 Largest panels 2.421
 Smallest panel 1.153
 Largest minimum width 2.025
 Volume 1246.103
STRUTS
 Number of struts 375
 Number of types 19
 Total length 789.266
 Longest strut 2.391
 Shortest strut 1.525
 Maximum end-angle 6.48
 Minimum end-angle 4.03
DOME METRICS
 Dome height 6.964
 Base radius 10.000
 Spherical radius 10.665
 Cut plane 3.000
 Base leveled
 Base expanded

