

CONFIGURATION

Geodesic Dome - Icosahedron

Class 1

Zenith Z

Radius 9.000

Frequency 8

E - Y 1.382

E - X 0.944

Number of nodes 342

HUBS

Number of hubs 341

Number of types 340

PANELS

Number of panels 640

Number of types 638

Surface area 617.678

Largest panels 1.279

Smallest panel 0.551

Largest minimum width 1.292

Volume 1974.725

STRUTS

Number of struts 980

Number of types 458

Total length 1483.747

Longest strut 1.997

Shortest strut 1.040

Maximum end-angle 6.83

Minimum end-angle 2.43

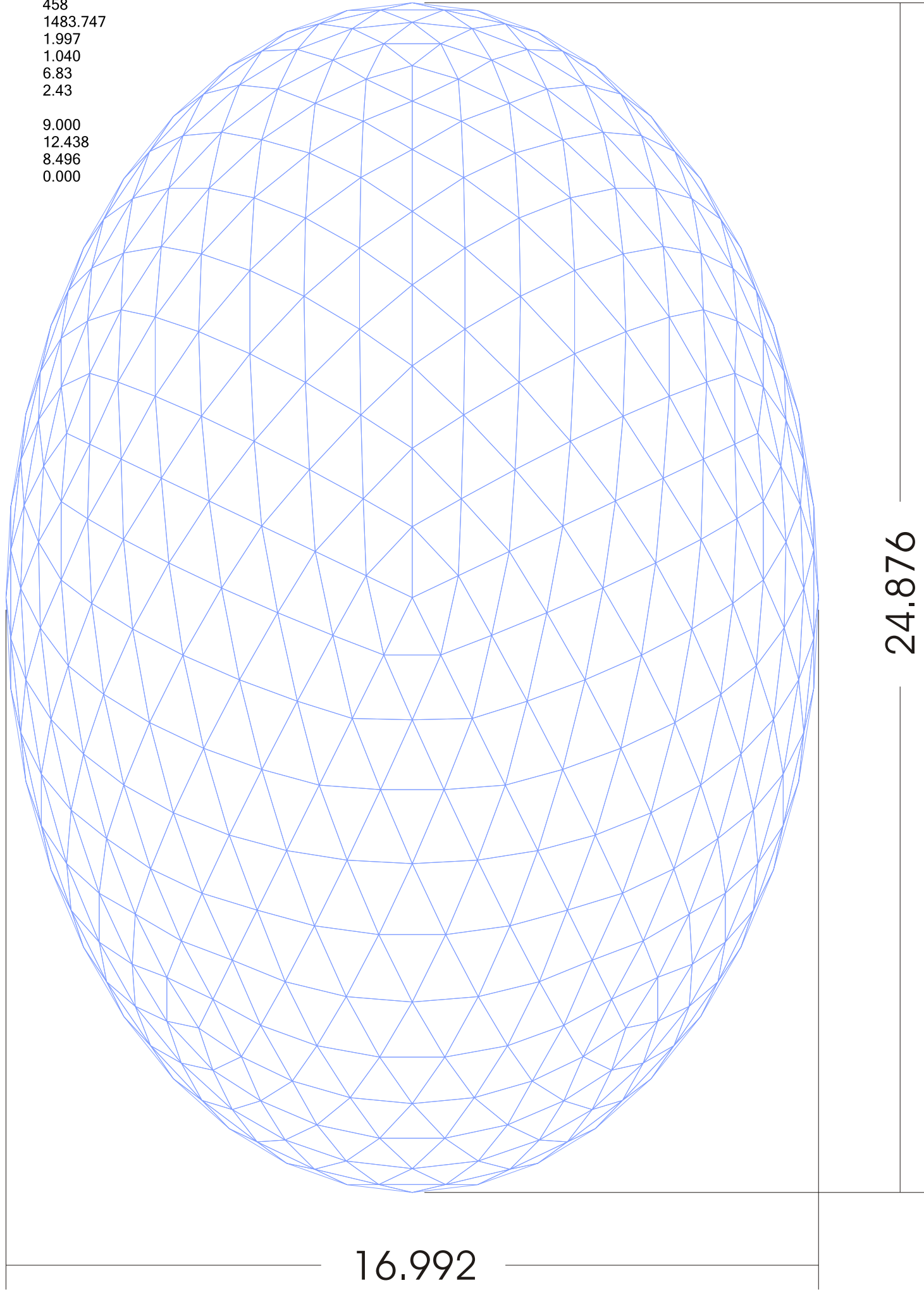
DOME METRICS

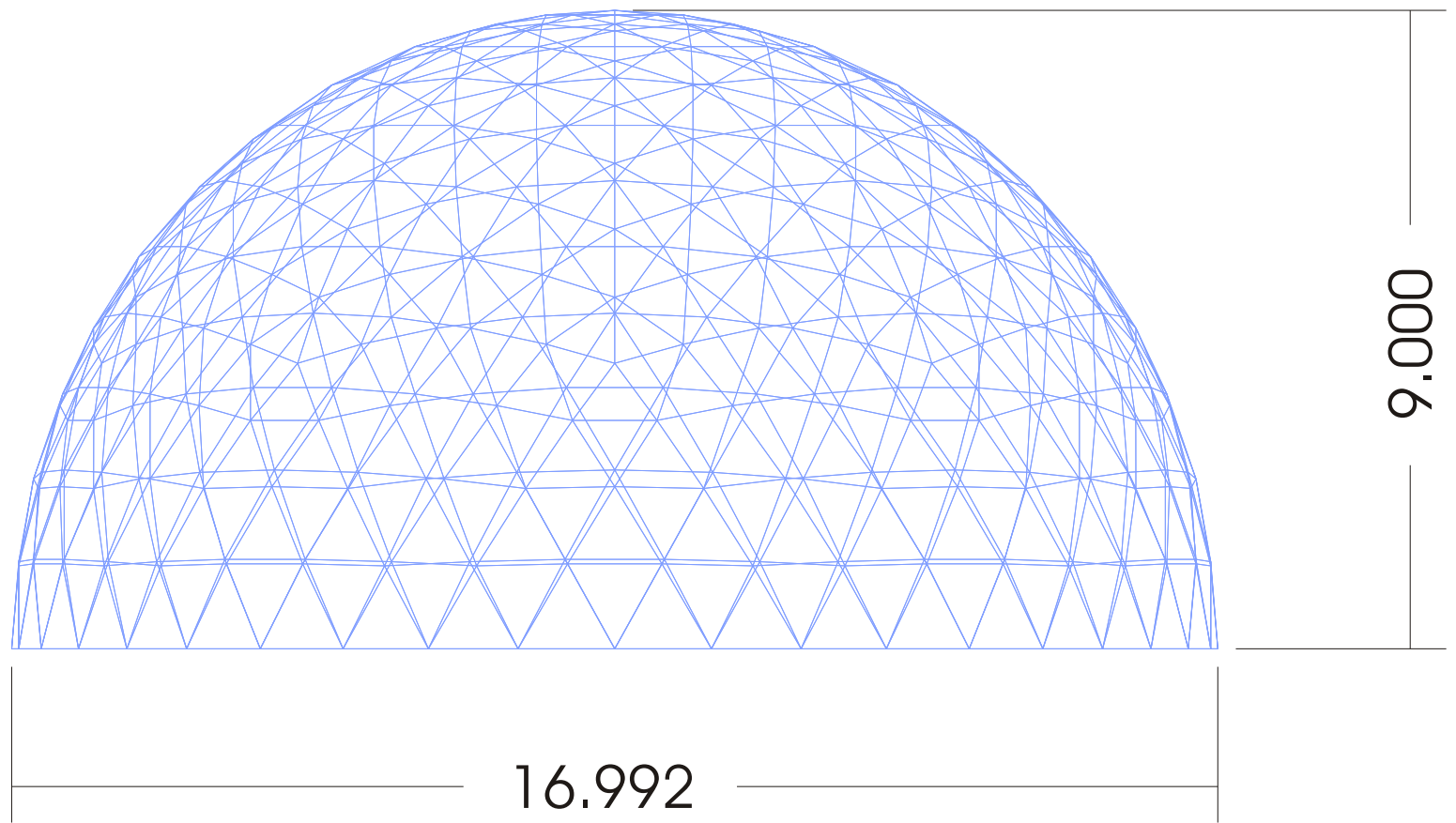
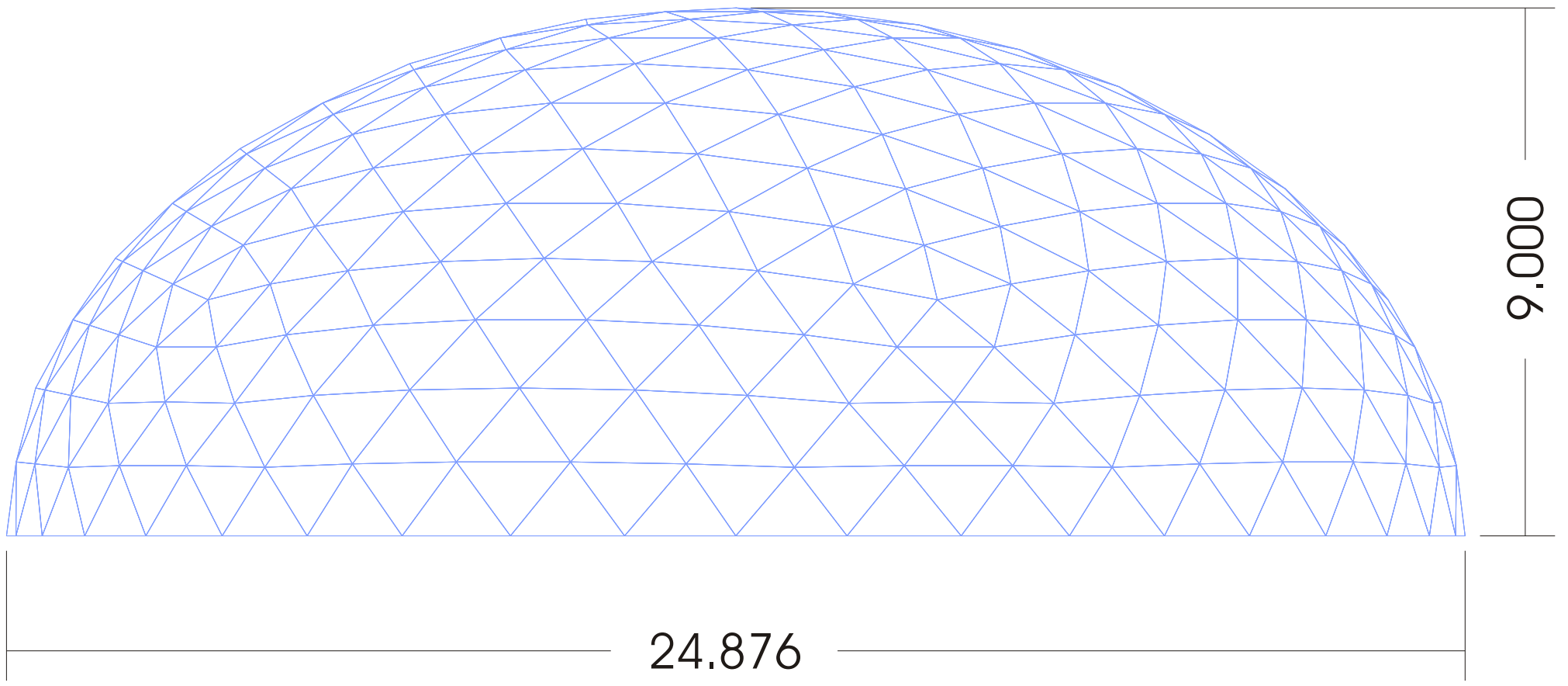
Dome height 9.000

Base major radius 12.438

Base minor radius 8.496

Cut plane 0.000





CONFIGURATION

Geodesic Dome - Icosahedron

Class 1

Zenith Z

Radius 9.000

Frequency 8

E - X 1.382

E - Y 0.944

Number of nodes 342

HUBS

Number of hubs 341

Number of types 340

PANELS

Number of panels 640

Number of types 638

Surface area 617.678

Largest panels 1.312

Smallest panel 0.572

Largest minimum width 1.308

Volume 1974.725

STRUTS

Number of struts 980

Number of types 458

Total length 1483.746

Longest strut 2.048

Shortest strut 1.015

Maximum end-angle 6.58

Minimum end-angle 2.42

DOME METRICS

Dome height 9.000

Base major radius 12.438

Base minor radius 8.496

Cut plane 0.000

