DOME STADIUM MODEL
PLANS, ELEVATIONS AND SECTIONS

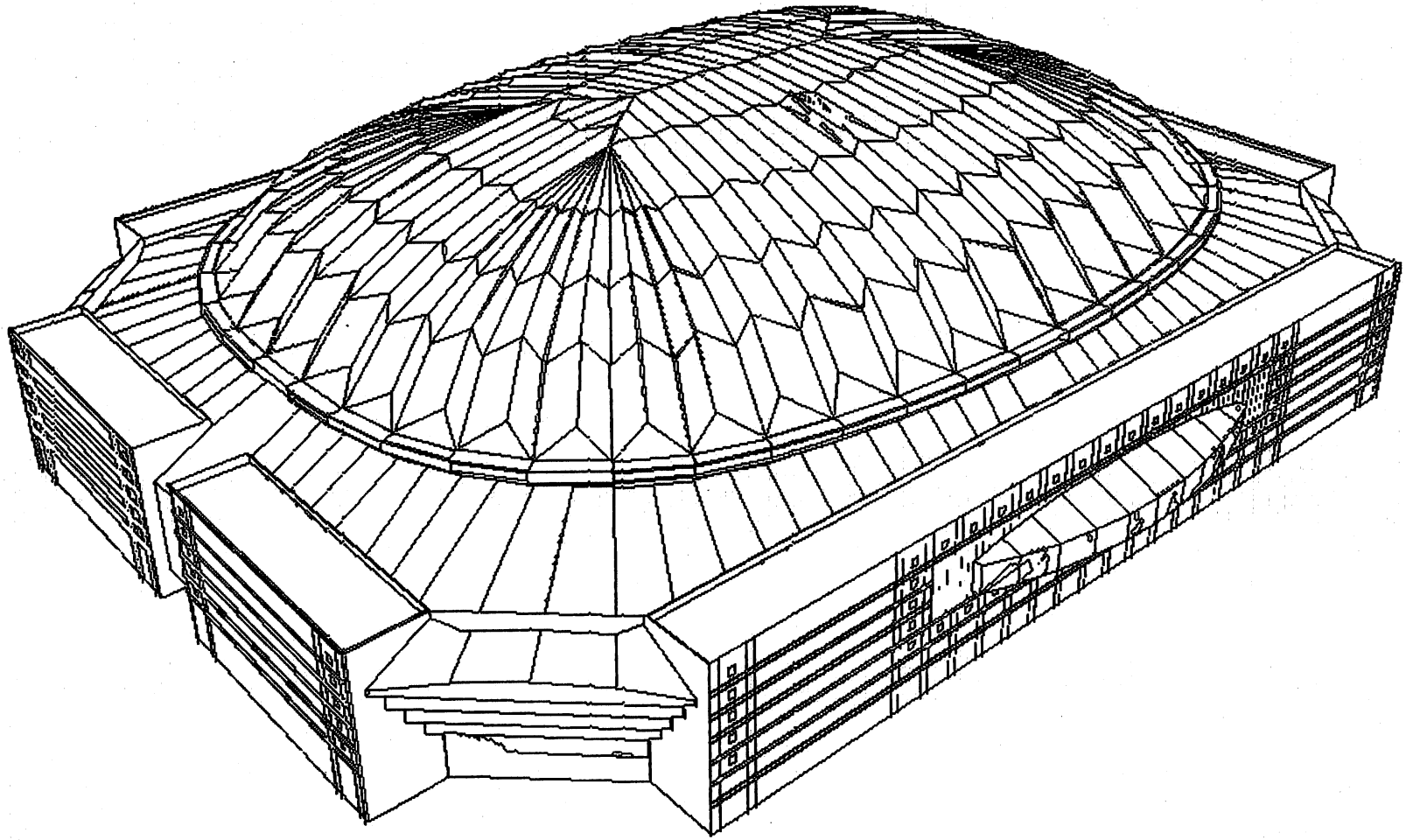
Problem Description :

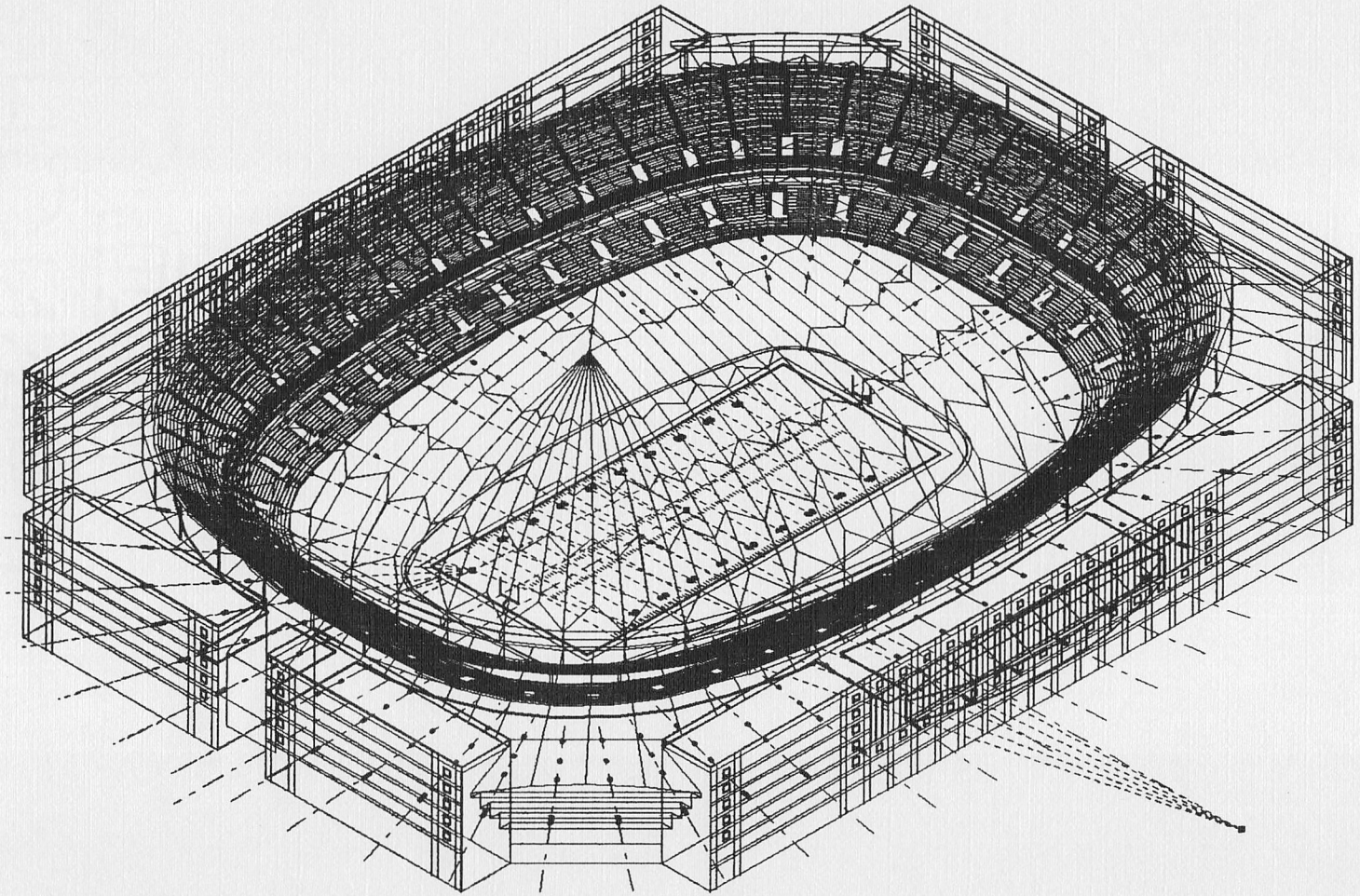
Develop a 3D computer building model that would visually present a design concept, provide presentation drawings and base geometry for an animation sequence.

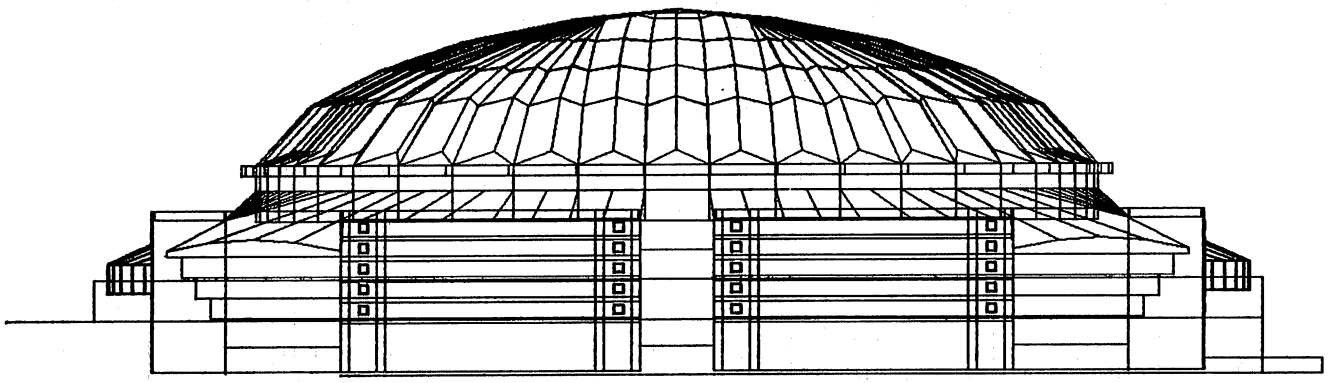
Project Work :

A complete 3D computer model was developed containing the exterior building mass differentiating between solid wall, glass and roof. The base building structural bent was constructed to form a frame to build upon. The interior rampways and concourse walkways were constructed to evaluate circulation. The seating platforms were drawn to complete the interior geometry of the stadium. The surrounding site was digitized and mass modeled to illustrate site contextual fit.

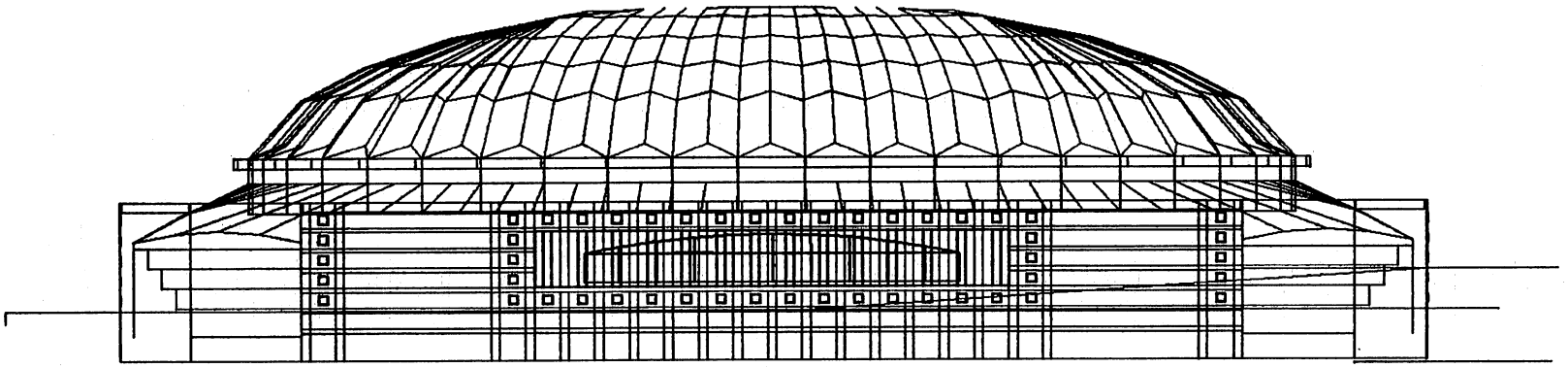
The other required presentation drawings were extracted from the 3D model. Isometrics and perspectives were generated of the exterior. Sections and elevations were generated by visually cutting slices through the model. The 3D model was translated into an IGES format, (Initial Graphics Exchange Specification) and imported into another computer system for animation.



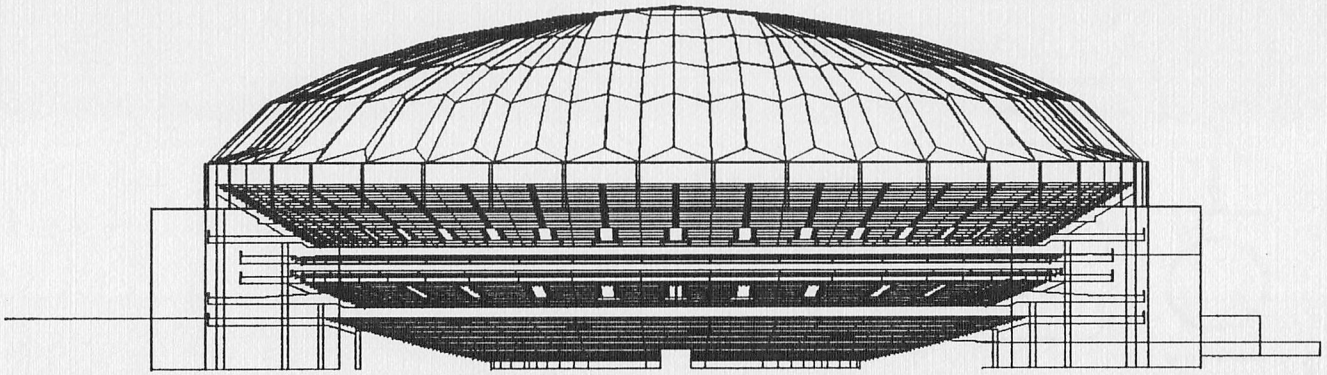




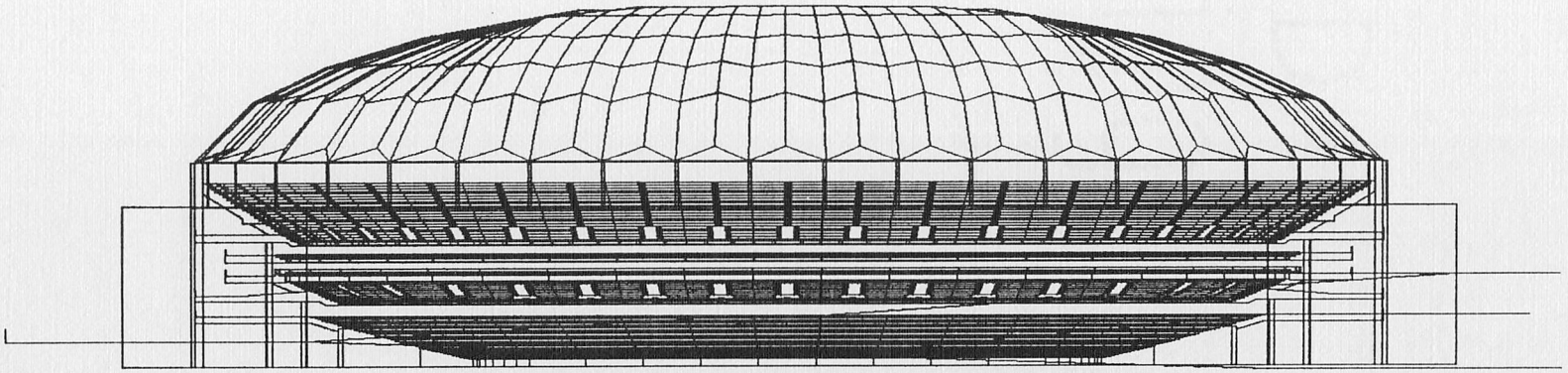
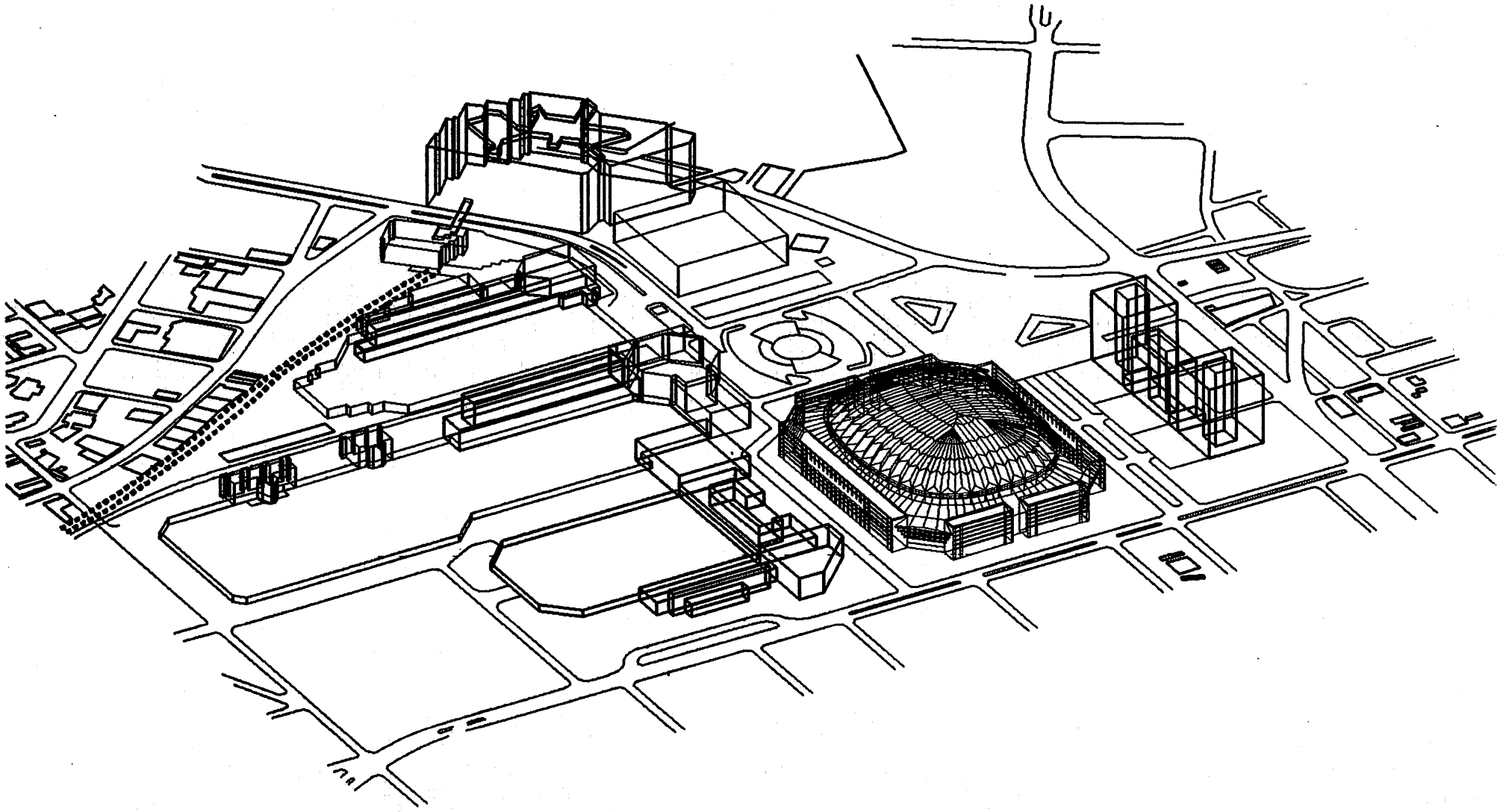
WEST ELEVATION



SOUTH ELEVATION



NORTH - SOUTH SECTION



EAST - WEST SECTION