

“The ceiling was sectioned off every 16 inches on center to create a layout of the profile.”

Perot Museum of Nature and Science

Location: Dallas, Texas
 Builder: Balfour Beatty Construction
 Architect: Morphosis Architects
 BT PM: Kyle Caviness
 BT Estimator: Jim Hatch
 Scope: Acoustical Systems, GFRC, drywall, veneer plaster, wire mesh ceilings and fabric ceilings.

The Dallas Morning News calls the Perot Museum of Nature and Science, “The boldest piece of modern architecture to hit Dallas”. Perot could easily be the boldest project to hit BakerTriangle. The boldness begins in the lobby ceiling, a 35,000 square feet design constructed using robotic total stations to establish precise elevation points of the ceiling’s form and layout.

Another masterpiece is the 4,000 square feet theater ceiling. Made of a set of compound curves in every direction, BIM was used to achieve proper dimensions for each section of the ceiling. The ceiling was sectioned off every 16 inches on center to create a layout of the profile. BakerTriangle then created a substructure of sheet metal profile; and then calculations for the ceiling were fed into a CNC plasma cutting machine to create profiles to fit the ceiling slopes.

