



**Pickett, Kelm & Associates, Inc.**  
Consulting Structural Engineers

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## Applied Materials Building 34

**PROJECT TYPE:**

INDUSTRIAL MANUFACTURING

**PROJECT LOCATION:**

AUSTIN, TEXAS

**PROJECT OWNER:**

APPLIED MATERIALS

**ARCHITECT:**

GRAEBER, SIMMONS & COWAN

**GENERAL CONTRACTOR:**

FAULKNER CONSTRUCTION  
COMPANY

**PROJECT COMPLETED:** 2002

**CONSTRUCTION COST:**

\$52,000,000

**PROJECT DESCRIPTION:**

Pickett, Kelm & Associates, Inc. provided structural engineering for this 380,000 square foot office and manufacturing building for Applied Materials in Austin, Texas. The project included a full-service kitchen & dining room, a loading dock, and an elevated connecting link to an adjacent building.

Upper and lower level office and manufacturing floors consist of composite castellated steel beams (SmartBeams) spanning to composite steel girders. Roof framing consists of steel joists with joist girders. Twelve foot deep steel trusses, spanning 120 feet, are used to provide large column free areas in the 80,000 square foot cleanroom.

The project was delivered on a design-build basis.