



Pickett, Kelm & Associates, Inc.
Consulting Structural Engineers

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Applied Materials Building 36

PROJECT TYPE:

INDUSTRIAL,
MANUFACTURING

PROJECT LOCATION:

AUSTIN, TEXAS

PROJECT OWNER:

APPLIED MATERIALS

ARCHITECT:

GRAEBER, SIMMONS &
COWAN

GENERAL

CONTRACTOR:

FAULKNER CONSTRUCTION
COMPANY

PROJECT COMPLETED:

1998

PROJECT DESCRIPTION:

Pickett, Kelm & Associates, Inc. provided structural engineering for this 330,000 square foot manufacturing, warehouse and office building for Applied Materials in Austin, Texas.

The lower level manufacturing, warehouse and office floors consist of precast concrete double tees and inverted tee beams. The upper office floors and the mechanical fan deck were constructed using composite steel framing. The roof framing consists of steel joists with joist girders. The foundation consists of drilled piers with underreamed footings founded in claystone at depths of 50 to 60 feet.

The project was delivered on a fast-tracked design-build basis. The shell building construction was completed 10 months after receipt of authorization to begin design. Structural construction packages were issued for the building excavation and crawl space grading, foundation piers, precast concrete, structural steel and shell building.