

# Engineering Journal



American Institute of Steel Construction, Inc.

First Quarter 1997  
Volume 34, No. 1  
\$10.00

# ENGINEERING JOURNAL

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ENGINEERING JOURNAL (ISSN 0013-8029) is published quarterly. Subscriptions: Members \$25 per year, included in dues; Non-members U.S. \$32 per year, \$75 for three years, single copy \$10.00; Foreign \$45 per year, \$100 for three years, single copy \$13.00 (surface mail); Air mail, outside U.S., \$81 per year. Published by the American Institute of Steel Construction, Inc. at One East Wacker Drive, Suite 3100, Chicago, IL 60601-2001.

Second-class postage paid at Chicago, IL and additional mailing offices.

**Postmaster:** Send address changes to ENGINEERING JOURNAL in care of the American Institute of Steel Construction, Inc., One East Wacker Drive, Suite 3100, Chicago, IL 60601-2001.

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## On the Cover

The John H. Stamler Police Academy, Scotch Plains, New Jersey, is located on the campus of the Union County Vocational-Technical Institute. The two-story structure is a training facility for police officers and individuals in the continuing education programs of the Union County Prosecutor's Office. A faceted conical roof over a stairwell, required concentric steel rings to accommodate a skylight which spanned the annular space between the inner edge of the circular roof opening and the outer face of the cylindrical stairwell. When fully framed, the only structural ties between the framing of the stairwell shaft and the moment-resisting framing of the surrounding roof will be eight inclined 1/2-in. diameter steel tie rods. To make the ties as unobtrusive as possible, they are coordinated with the skylight framing. As lateral forces change direction, different sets of ties are loaded in tension. **Owner:** John H. Stamler Police Academy, Scotch Plains, New Jersey. **Architect:** The Goldstein Partnership, West Orange, New Jersey. **Structural Engineer:** Severud Associates, New York, New York. **General Contractor:** G & P Parlamas, Allenhurst, New Jersey. **Photo:** Eliot W. Goldstein, AIA, Photographer.

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