

REAL-WORLD APPLICATIONS

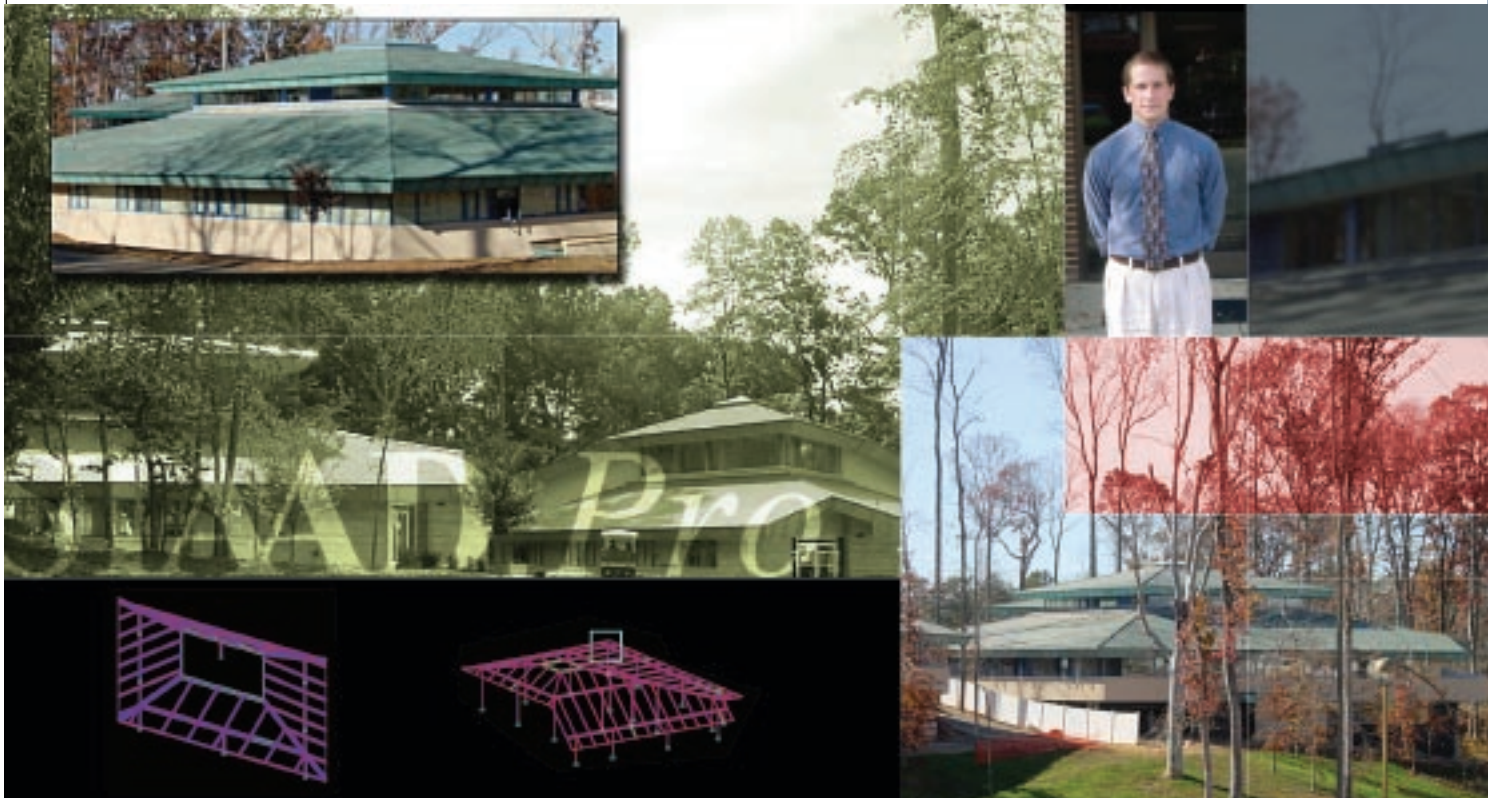
STAAD.Pro™

STRUCTURAL ANALYSIS & DESIGN

Success Story - Sutton-Kennerly & Associates

American Hebrew Academy - Greensboro, North Carolina

The dormitories at the American Hebrew Academy are an Aaron G. Green Architects design which contain his signature large cantilevers and slender columns. At full capacity, the 48 dormitory buildings on campus will be capable of housing approximately 800 students. The dormitories employ two different designs which are spread across the Academy's 100 acres. The sloped, diamond-shaped roof structures are framed using structural steel and utilize a compression/tension ring combination arch, which allows a large opening at the peak to accommodate a 32' skylight. Sutton-Kennerly & Associates supplied the structural design for the two different dormitories using STAAD.



STAAD.Pro 2002

Over 100 New Features ◀

- OpenSTAAD API to link STAAD data into any 3rd party or in-house applications.
- New Automated Bridge Loader to calculate 3D influence surfaces.
- STAAD.Pro 2002 is optimized for Windows XP environment.
- New Design Codes (AASHTO 2000, IBC 2000 & Cold-Formed Steel Design).
- New Non-Linear Cable Analysis.

"STAAD's easy to use interface and powerful analysis and design capability made the design quick and efficient. STAAD is the only software for the job."

Aaron Bopp, Design Engineer
Sutton-Kennerly & Associates, Greensboro, NC

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