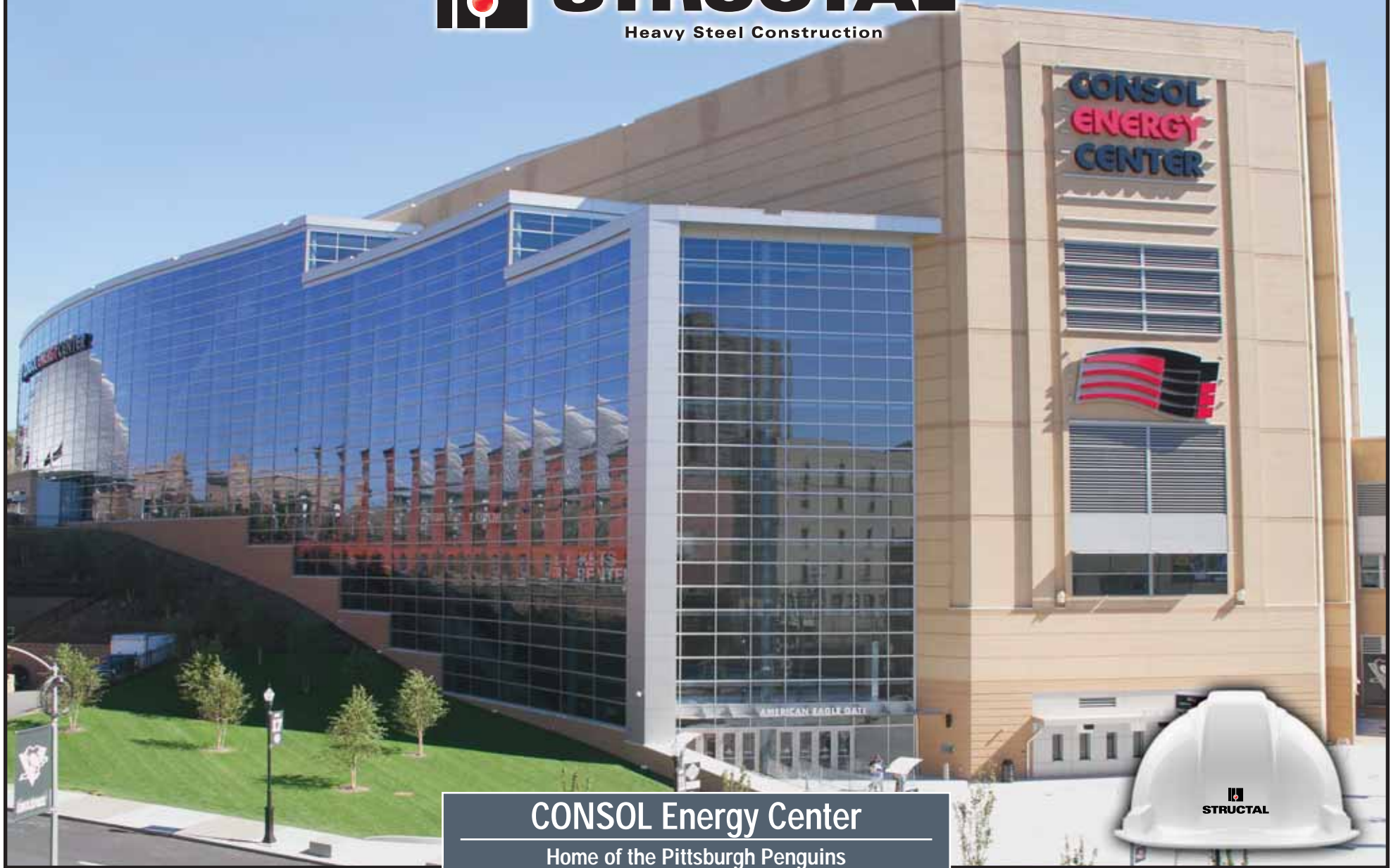


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## CONSOL Energy Center

Home of the Pittsburgh Penguins  
Pittsburgh, PA

A division of Canam Steel Corporation

# CONSOL Energy Center

Home of the Pittsburgh Penguins  
Pittsburgh, PA

## People

- **Architectural firm:**  
HOK Sports Facilities Group
- **Engineering firm:**  
Thornton Tomasetti
- **Construction manager:**  
PJ Dick/Hunt

## Products and Services

The contract awarded to Structural-Heavy Steel Construction was for the supply, fabrication and erection of 7,000 tons of structural steel and metal deck, including design-assist and detailing services.



## Highlights

The 18,500-seat arena features a high roof that required two trusses measuring 280 feet (85 m) in length and 32 feet (10 m) in depth each weighing 150 tons, and two trusses measuring 340 feet (104 m) in length and 45 feet (14 m) in depth, each weighing 205 tons. The trusses were assembled on the ground and then erected in halves.



Canada  
270, chemin Du Tremblay, Boucherville (Québec) J4B 5X9  
Telephone: 450-641-4000 | Fax: 450-641-4001  
Toll-free: 1-866-506-4000

United States  
4010 Clay Street, PO Box 285, Point of Rocks, Maryland 21777-0285  
Telephone: 301-874-5141 | Fax: 301-874-5075  
Toll-free: 1-800-638-4293

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