

STRUCTURAL  
STEEL  
SOLUTIONS  
FOR  
INDUSTRIAL,  
COMMERCIAL,  
AND  
RESIDENTIAL  
BUILDINGS

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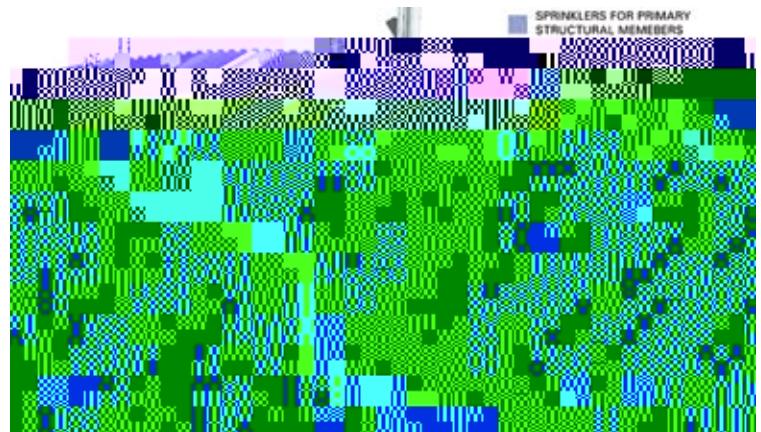
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Web penetrations provide savings in floor-to-floor height.



A custom fire protection solution can be cost-effective.

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#### Additional Resources:

- ...*Design Guide 2, Steel and Composite Beams with Web Openings* /3;E5 fi
- ...*Design Guide 11, Floor Vibrations due to Human Activity* /3;E5 fi
- ...*Design Guide 15, Rehabilitation and Retrofit* /3;E5 fi
- ...*Design Guide 19, Fire Resistance of Structural Steel Framing* /3;E5 fi
- ...3;E5 [ebS` [ YSWWY Yg[Wb` XaSWWffSLZ\_ Wfefa efWWXSL\_WXad\$") ž**msc**



Steel is adaptable for future building renovations.

Erika Winters Downey is an advisor in AISC's Steel Solutions Center.