



**AMERICAN  
BUILDINGS**

A **NUCOR** COMPANY

# Rod Bracing - Walls

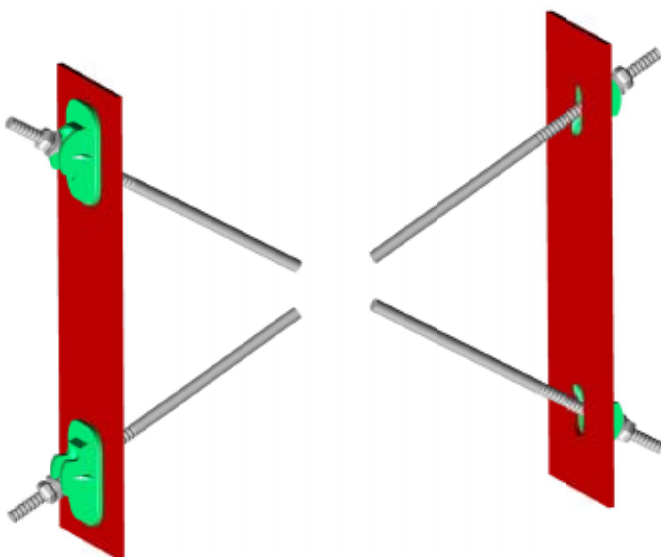
With the sophistication and evolution of today's new building codes, in addition to strength, the stiffness of a structure now plays a more significant role in providing cost effective designs in the marketplace.

One of the areas where structural stiffness is becoming increasingly important is in the building bracing system. On an equivalent strength basis, cables elongate more than the corresponding size of rod bracing. This not only impacts the bracing design, but can also impact the primary frame design and details.

As part of our continual improvement process in all areas of our business, you will begin seeing an increase in the use of rod bracing in lieu of cable bracing.

Over the next few months, American Buildings Company will discontinue the use of cable bracing in walls due to stiffness considerations which can impact the overall cost efficiency of the building. Rod bracing will be used exclusively for "X-braced" wall conditions.

Roof bracing may be designed using either cables or rods, depending on the wind and seismic loading requirements.



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