

STEEL INTERCHANGE

Steel Interchange is an open forum for Modern Steel

Answers and/or questions should be typewritten and double-

respond to any of the questions that you have read.

are appreciated on computer diskette (either as a Wordperfect file or as a Microsoft Excel spreadsheet). The opinions expressed herein do not necessarily represent an official position of the American Institute of Steel Construction, Inc. and have not been reviewed. It is recognized that the design of structures is within the scope and expertise of a competent licensed structural engineer, architect, or other licensed professional for the application of principals to a particular structure.

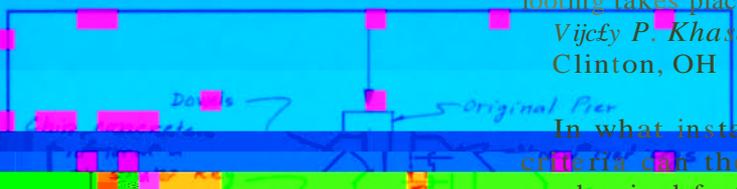
Steel Interchange

Modern Steel Construction

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The following responses from *Steel Interchange* columns have been provided:



Needless to say that all loads from the column should be removed before extension of the footing takes place.

Vijay P. Khasat, P.E., Clinton, OH

In what instances, if any, and under what criteria can the attachment of grating with mechanical fasteners be used?

- suggested also.
- This standard also defines the three types of grating as follows:
- Rivetted- Grating composed of straight bearing bars and bent connecting bars, which are joined at their contact points, by riveting.
 - Welded

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...the steel interchange ...

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...without collapse

...in the December 1954 Steel Interchange, one proposed solution showed a detail with a steel beam of

...structure on the fire side, what is the optimal

...bending moments are transferred between the

