When designing a weak-axis moment connection (a beam

ments into a diaphragm. A metal deck and concrete

ndix of AISC's *Design Guide 15—Steel*

ent Connections: Wind and Seismic

to vertical systems,

Applications contains a paper that outlines design considera-

and melt/dissipate energy.

tions for weak-axis moment connections, along with a discus-

sion of tests conducted by Driscoll and Beedle and

Charlie Carter, P.E., S.E.

American Institute of Steel C

s. I am using 2½-di

Material and fit-and specification? What

Sergio Zarraga, Ph.D.

American Institute of Steel Construction

to fit between column flan

American Institute of Steel Construction

Regarding how shear forces actually get from the column

tional to be formed to provide a

ins of no less than 1".

2002). We are designing a

horizontal braced frames (OCBF) as well as

vertical braced frames, and there isn't a continuous

with probably resist the entire shear force. However, friction

cannot be considered within an existing code methodologies

sideration

tem shear loads. It represent

In designing a horizontal braced frame in a country

Bolts interchange

and its specifi-

crete. This requires base-plate

installed, not less than three bolt, nut, and washer assemblies

Charles L. Carter, S.E., P.

Bolts and Bracing

f the following HSS wall

ssumed to be present, if

ssigned connection can

ure met, there are

ome on any subject co

ASTM

Bolts

What testing should be performed on high-strength

upon