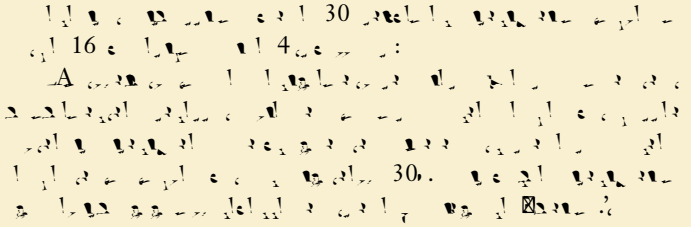
IF YOU'VE EVER ASKED YOURSELF "WHY?" about something related to structural steel design or construction, *M S C 's* monthl Steel Interchange column is for ou! Send our questions or comments to solutions@aisc.org.

Extended End-Plate Stiffener

The stiffeners in the extended end-plate moment connection as shown in Design Guide 4 are detailed at a 30° angle. How is this angle selected? In many gusset connections the angles are set at 30°. What is the significance of the angle?



Kurt Gustafson, S.E., P.E.

Anchor Rod Tensile Strength

When calculating the strength of a threaded anchor rod per Section J of the AISC *Specification*, is the strength based on failure in the threads or in the gross area?