

**LOADS RESISTED:**

- OUT-OF-PLANE LATERAL.

DESIGN CONSIDERATIONS:

- CONN. MUST BE LOCATED AT CENTERLINE OF JOIST TO PREVENT LATERAL BENDING OF PERIMETER ANGLE.
- ERECTION ANGLE IS WELDED ALONG ENTIRE LEG IN ORDER FOR CRITICAL SECTION IN BENDING TO OCCUR AT TOE OF FILLET (DESIGN ECCENTRICITY = $2\frac{1}{2}$ "-k).

ERECTION CONSIDERATIONS:

- PROVIDES SIGNIFICANT ADJUSTMENT CAPABILITY.

DETAILING NOTES:

1. MAKE SURE CONN. IS CONCEALED BY DECK AND INSULATION (4" MIN. TOTAL THICKNESS).
2. MAINTAIN 3" MIN. CLR. BETWEEN PANEL AND ANGLE TO ALLOW ROOM FOR NUTS AND WASHERS.
3. THRD. ROD LENGTH = $A+4$ " (ROUNDED UP TO NEAREST 2").

SCALE 1" = 1'-0"

ANGLE TIE BACK CONNECTION

ARCHITECTURAL

LOAD TO PERIMETER ANGLE

10-25-05

AD-17