



## **Hardy Frames, Inc. announces Renewal of ICC-ES ESR-2089**

Hardy Frames, Inc. is pleased to announce that effective January, 2010 ICC-ES **ESR-2089** has been renewed for a two-year period. The following are the main highlights:

### **Expanded Allowable Design Tables that include:**

- Tables on Foundations, Raised Floors, and Upper Floors.
- Bearing Pressure check for 2500, 3000, and 4000 psi concrete, and for wood supports.
- Axial Load check for 1k, 3.5k and 6.5k.
- Design Values for Standard and High Strength hold down anchors.
- Provisions to reduce uplift when axial loads are applied.

### **Raised Floors & Upper Floors:**

- The full product line of Panels and Brace Frames are evaluated, detailed, and listed for installations on Raised and Upper Floor installations.

### **HD Anchorage includes:**

- Details for exterior slab, exterior curb, and interior slab conditions.
- Designs for 2500, 3000 and 4000 psi compressive strengths concrete; for cracked and un-cracked conditions; and for seismic and wind loads.
- Simplified anchorage specification for each **Hardy Frame**<sup>®</sup> model number.

### **Design Examples for:**

- Floor- to-floor stacking that includes cumulative loads check.
- Distribution of loads based on relative stiffness.

You can obtain a copy of the latest ICC-ES ESR-2089 on our website at [www.hardyframe.com](http://www.hardyframe.com), or on the ICC-ES website at [www.ICC-ES.org](http://www.ICC-ES.org).

Please contact us at 800-754-3030 if you have any questions or if we could be of any help.

Thank you for your business and for your continued support.