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STRUCTURAL & CIVIL ENGINEERS

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March 12, 2008

Mr. Richard Beck, CBO, MCP, PE
International Code Council
Evaluation Service
5360 Workman Mill Road
Whittier, CA 90601

Subject: Memorandum #16 – AC 394

Dear Mr. Beck:

My office thanks you for your prompt attention to our request on the AC 394.
Please review our comments below on this AC:

1. The AC 394 refers to ASTM standard for corrosion resistance; the appropriate standard is to refer to ASTM A 219 and A 239 for corrosion resistant metals.
2. The minimum Factor of Safety for Steel Cable Design and all structural components shall be "3" (three).
3. The door opening mechanism shall be linked to automatic stoppage of the work cage during operation.
4. Every work cage must have end of travel limit automatic switch and e-stop while going upward, and end of travel limit automatic switch while going downward.
5. Every work cage must have an automatic over weight limit switch.
6. All work cages must be UL approved and certified prior to proceeding for an ICC-ER.
7. All work cages must have block stops designed and installed into the final installation.

We thank you and enjoy working with your organization.

Respectfully Yours,

Dilip Khatri, Ph.D., S.E.
Principal

cc:

Mr. Kent Pedersen
AVANTI Wind Systems Inc