



Karagozian & Case
2550 N. Hollywood Way, Suite 500
Burbank, CA 91505-5026

tel: 818-240-1919
fax: 818-240-4966
e-mail: kcse@kcse.com

April 13, 2006

Mr. Rick Adler
RSA Protective Technologies, LLC
1573 Mimosa Court
Upland, CA 91786

Subject: K12 Shallow Bollard Testing Data

Dear Rick:

Karagozian & Case (K&C) has analyzed the RSA/K&C Anti-ram Foundation Bollard Pad™ and can certify it has a capability in excess of a K12 rating with a 6½-inch depth. This was shown by K&C calculations with an LS-DYNA finite element model of the system that was impacted by a 15,000-pound truck traveling at 50 miles per hour. The K12 system is nearly identical to the K8 shallow bollard RSA/K&C system, which passed in a test conducted in 2005.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John E. Crawford', written over a horizontal line.

John E. Crawford

JEC:vrj