



# CYS

STRUCTURAL ENGINEERS INC.

December 22, 2010

Rob Kerth  
1716 L Street  
Sacramento, CA 95811

Subject: **Iceland Arena Ramps - Evaluation**  
CYS Job No. 10092.001

Dear Rob:

As you requested, we have reviewed the proposed framing schemes for the Northwest and Southeast access/egress ramps for the skating rink, see the attached structural analysis for the Northwest egress ramp. We performed no analysis for the Southeast ramps because they are essentially supported directly on grade full length.

We find that the 2x8 joists spaced @ 16" o.c. with a 7'-8" max. span and the two 6x7.5 support beams with two 4'-0" max. spans are adequate for the 100 psf live loading required for an exit-way. The 1'-9" sq. footings at the beam supports are adequate supported on the site soil which has a 2000 psf allowable bearing pressure for dead plus live loading.

Please call if there any questions or comments.

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