

# I&S Engineers & Architects, Inc.



Architecture  
Interior Design  
Structural  
Mechanical  
Electrical  
Civil  
Natural Resources  
Land Surveying  
Landscape Architecture

1409 N. Riverfront Drive  
P.O. Box 1026  
Mankato, MN 56001  
507-387-6651  
Fax: 507-387-3583  
E-mail: [info@is-ea.com](mailto:info@is-ea.com)  
Website: [www.is-ea.com](http://www.is-ea.com)

25 NW Fourth St.  
Suite 105  
Faribault, MN 55021  
Phone: 507-331-1500  
Fax: 507-331-1501  
E-Mail: [info@is-ea.com](mailto:info@is-ea.com)  
Website: [www.is-ea.com](http://www.is-ea.com)

April 17, 2006

Mike Kunkel  
58799 – 142<sup>nd</sup> Street  
Mapleton, MN 56065

Re: Boy Scouts Climbing Wall

Dear Mike:

Per your request, I have reviewed the Boy Scouts climbing wall for general structural safety. The wall is a hydraulic mobile unit constructed with 12' and 8' sections for a combined height of 20'-0". The wall measures 8'-6" wide and is constructed using 1 1/2" x 1 1/2" x 1/8" steel angles and 1/2" diameter steel round bar stock. The unit also contains stabilizer legs that are intended to be used when the wall is in the extended position.

The wall has also been subjected to a field test static load of 5,000 lbs. and therefore is an OSHA approved safety tie-off. I inspected the structure for good general workmanship and found it to be compliant. For safety considerations of the users, I'd recommend that the wall only be erected and in use for wind speeds of 30 mph or less.

If you have any additional questions please call.

Sincerely,

A handwritten signature in black ink that reads "Jason Hoehn". The signature is written in a cursive, flowing style.

Jason Hoehn, P.E.  
Lic. No. 40422

Enclosure: Digital Photographs



Monday, April 10, 2006 12:34:51 PM



Monday, April 10, 2006 12:34:56 PM



Monday, April 10, 2006 12:35:03 PM



Monday, April 10, 2006 12:36:25 PM



Monday, April 10, 2006 12:36:36 PM



Monday, April 10, 2006 4:00:18 PM



Monday, April 10, 2006 4:00:26 PM



Monday, April 10, 2006 4:00:38 PM



Monday, April 10, 2006 4:00:50 PM



Monday, April 10, 2006 4:09:02 PM



Monday, April 10, 2006 4:09:52 PM



Monday, April 10, 2006 4:09:57 PM



Monday, April 10, 2006 4:10:13 PM