



ADDENDUM #4
INVITATION FOR BID
No. 2015-004

Effective: November 14, 2014

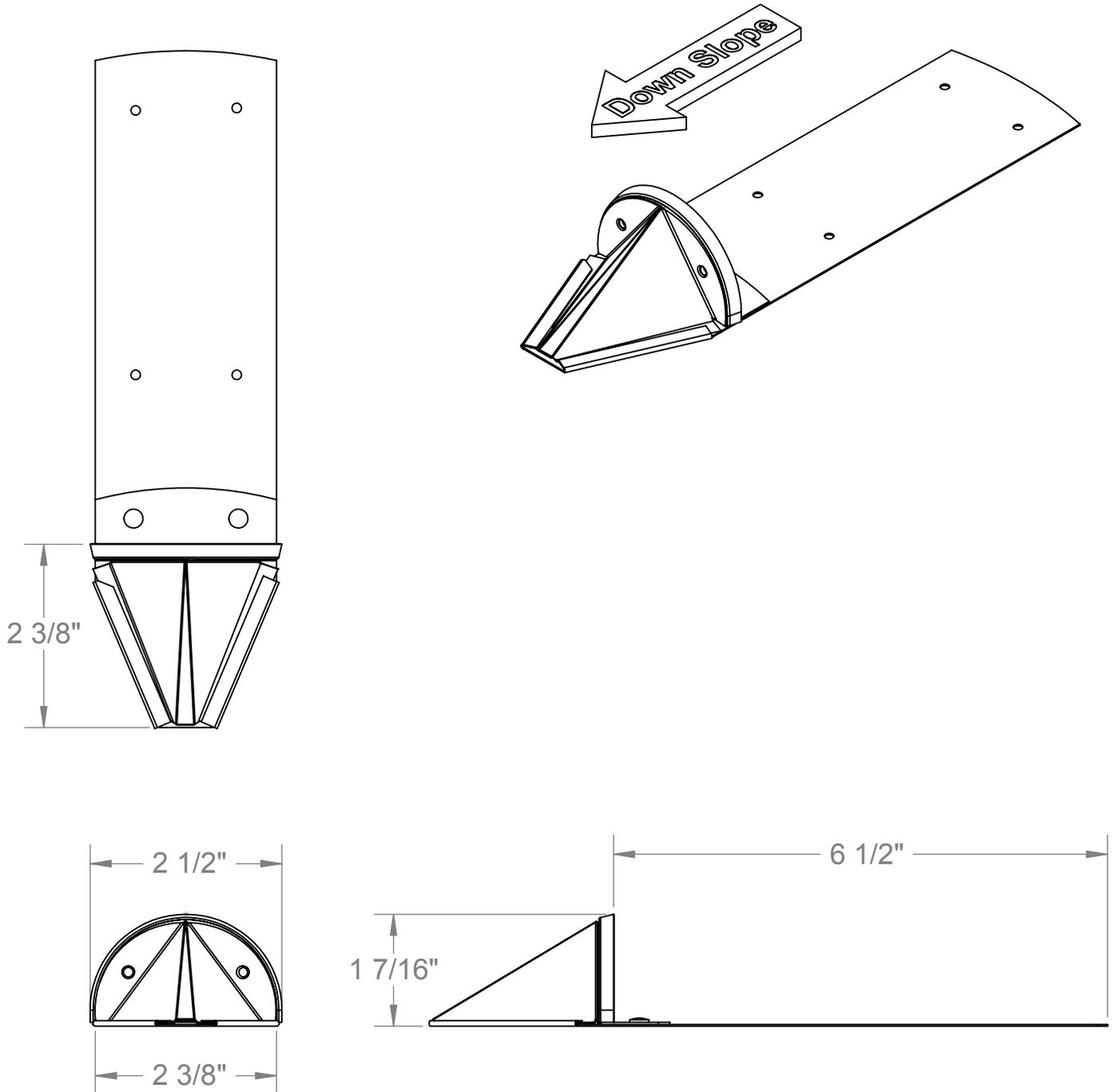
Project: Water Park Roof Replacement and Bathhouse Renovation Project

Issued By: Sunil Prithviraj, Capital Projects Program Manager
Department of Public Works
800 Rabbit Road
Gaithersburg, Maryland 20878

Please be advised the following specifications and cut sheets for the roof snowguards, which are attached hereto, are additions to and hereby made part of Exhibit A (PLANS AND SPECIFICATIONS) of the Solicitation for the above project:

Cut Sheet - #40

1. Installation to be completed in accordance with manufacturer's written specifications and installation instructions.
2. See spec sheet or contact manufacturer for detailed material, finishes, and configuration options.
3. Contact manufacturer for detailed layout.
4. Do not scale drawings.
5. Subject to change without notice.



**ALPINE
SNOWGUARDS®**
www.alpinesnowguards.com

289 Harrel Street Toll Free Phone 1.888.766.4273
Morrisville, VT 05661 Toll Free Fax 1.888.766.9994

Material: See Spec Sheet

Scale: 1:2

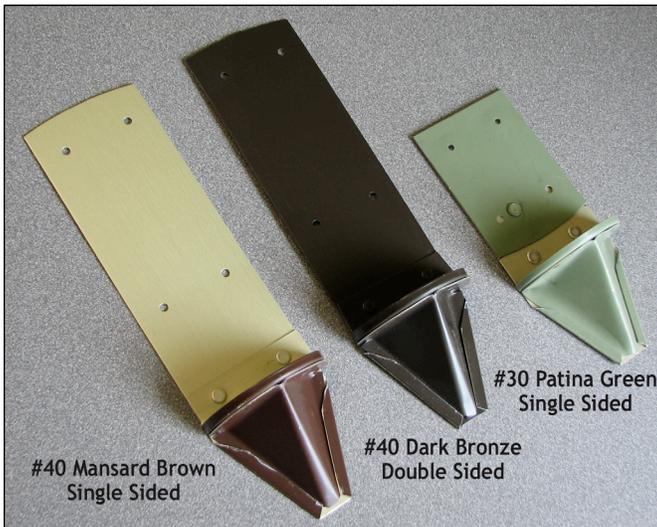
7/28/2010

07 72 53 Snow Guards

Color Options for Pad-Style Snow Guards

We manufacture our pad-style snow guards from .032 aluminum pre-painted Kynar® stock using the Firestone® Una-Clad® color system. Some of the colors are painted on both sides and some are single-side only. Please refer to the color charts at right.

For ASG SnowMax inserts, we recommend using the same material as the roof, but we can supply the 2" metal insert from the colors shown.



Our snow guards can also be powder coated using the colors from the RAL Tiger Drylac exterior powder coatings chart for an additional charge. Pad-style snow guards are also available in copper, mill finish aluminum, FreedomGray™ and Galvalume®. Contact us for availability of lead-coated copper snow guards.

Proudly manufactured in the U.S.A.

Request a free layout!

Call us toll free at **888-766-4273** or visit our website at www.alpinesnowguards.com and select the **Request Layout** tab at the top. Complete our easy to use online form to receive your free recommended layout specific to your snow retention projects needs.

info@alpinesnowguards.com 888-766-9994 (fax)
289 Harrel Street, Morrisville, VT 05661

Stock Colors - Double Sided



Stock Colors - Single Sided



Special Order Colors - Single Sided



#40 Snow Guard Specification Sheet

Snow Guards

PART 1 – GENERAL

1.1 SUMMARY

A. WORK INCLUDES

1. #40 Gusseted snow guard that attaches directly to the roof deck.
2. Coordinate with the installation of the roof to assure proper placement of the snow guards.
3. Provide appropriate snow guard and fasteners for the roof system.

B. RELATED SECTIONS

1. Section 07600: Flashing and Sheet Metal MasterFormat™ 2004 07 60 00
2. Section 07310: Shingles MasterFormat™ 2004 07 31 00
3. Section 07320: Roofing Tiles MasterFormat™ 2004 07 32 00
4. Division 7: Thermal and Moisture Protection.

1.2 SYSTEM DESCRIPTION

A. COMPONENTS:

1. #40 Gusseted snow system consists of individual metal snow guard.
2. Fasteners
 - a. To be of metal compatible with snow guards.
 - b. Fasteners should be selected for compatibility with the roof deck.
 - c. Fastener strength should exceed or be equal to that of the snow guard system.
3. Sealant (if required by roof manufacturer).
 - a. To be roof manufacturer approved.

B. DESIGN REQUIREMENTS:

1. Bracket spacing to be recommended by manufacturer or building engineer.
2. Minimum 2 fasteners per snow guard.
3. It is important to design new structures or assess existing structures to make sure that they can withstand retained snow loads.



1.3 SUBMITTAL

- A. Submit manufacturer's specifications, standard detail drawings, recommended layout and installation instructions.

1.4 QUALITY ASSURANCE

- A. Installer to be experienced in the installation of specified roofing material and snow guards for no less than 5 years in the area of the project.

1.5 DELIVERY / STORAGE / HANDLING

- A. Inspect material upon delivery. Notify manufacturer within 24 hours of any missing or defective items. Keep material dry, covered and off the ground until installed.

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. Alpine SnowGuards. A division of Vermont Slate & Copper Services Inc., 289 Harrel St. Morrisville, VT. 05661, (888) 766-4273, www.alpinesnowguards.com.

2.2 MATERIALS (choose one):

- A. Copper - Strap, hood and gusset are 16 oz copper.
- B. Lead-Coated Copper - Strap, hood and gusset are 16 oz lead coated copper.
- C. Galvalume - Strap, hood and gusset are 26 gauge galvalume.
- D. Aluminum - Strap, hood and gusset are .032 aluminum.
- E. Freedom Grey - Strap, hood and gusset are 16 oz. coated copper.
- F. Rhein Zinc - Strap, hood and gusset are 24 gauge.



2.3 FINISH (choose one):

- A. Mill Finish – standard
- B. Powder Coated – available at additional cost
- C. Kynar® 500 pre-painted sheet - aluminum only

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Substrate
 1. Inspect structure on which snow guard system is to be installed and verify that it will withstand any additional loading that it may incur. Notify general contractor of any deficiencies before installing Alpine SnowGuards.
 2. Verify that roofing material has been installed correctly prior to installing snow guards.

3.2 INSTALLATION

- A. Comply with architectural drawings and snow guard manufacturer's recommendations for location of system. Comply with manufacturer's written installation instructions for installation and layout.

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