

**PART 1 GENERAL**

**1.01 SUMMARY**

**A. SECTION INCLUDES**

- 1. Factory formed Snow Fence brackets for metal roofing.**
- 2. Accessories including fence pipes.**

**B. RELATED SECTIONS**

**Section 07612 - Metal roofing systems**

**C. REFERENCES**

- 1. CAN/C.S.A Standard S136 latest edition for the Design of Cold Formed Steel Structural Members.**
- 2. Canadian Sheet Building Institute Standards 10M and 20M.**
- 3. National Building Code of Canada (Latest edition)**

**D. SYSTEM DESCRIPTION**

- 1. Snow Fence brackets with horizontal pipes, fastened through the metal roof to the structure, manufactured, fabricated and installed to withstand snow and ice load and movement, and weather exposure to maintain manufacturer's performance criteria without defects and damage.**
- 2. Design system to -50 C to 80 C.**

**E. SUBMITTALS**

- 1. Submit manufacturer's specifications with drawings indicating type of the preformed brackets, thicknesses of the metal components, size, spacing and locations of supports, connections, type of fastenings and installation instructions.**

**F. PROTECTION**

- 1. Protect prefinished steel during fabrication, transportation, site storage and erection and ice retention in accordance with CSSBI Standards.**

**G. QUALITY ASSURANCE**

- 1. Installer's Qualifications: Firm with 5 years experience in installation of systems similar in size and complexity to those required or this project.**

## H. WARRANTY

1. Submit a two year warranty for the work of this Section against defects in materials and workmanship.

## PART 2 PRODUCT

### A. MATERIALS

1. Prefinished metal Snow Fence brackets.
  - Material [ Steel ]
  - Minimum[ 3.25 mm] thick , [hot dip galvanized ], commercial grade A to ASTM A446.
  - Finish:, [hot dip galvanized ].
  - Color [ ].
  - Profile: Stamped bracket [1 or 2] pipe system fastened to roof through the metal panels.
  - [ Galvalume finished steel ] pipe minimum [1.25 ] inc diameter and 1/16 inc wall thickness, pipe ends preformed to joint to each other.
  - Acceptable Product: "CR-SGS" by Classic Roofing Systems.

## PART 3. EXECUTION

### A. Verification of Conditions.

1. Examine areas and conditions under which work is to be performed and identify conditions detrimental to proper or timely completion. Do not proceed until unsatisfactory conditions have been corrected.
2. Comply with manufacturer's product data, recommendations and installations instructions for substrate verification, preparation requirements and installation.

### C. INSTALLATION

1. Comply with architectural drawings for locations and with manufacturer's instructions for assembly, installation and erection
2. Install [1 or 2] pipe system bracket with screws through exposed fastened metal roofing panels into structure.
3. Depending of the slope and the length of the roof, additional Snow Fence line(s) are needed.
4. All snow and ice load incurred by Snow fence system will be transferred to substructure. Therefor , proper fastener attachment to substructure is necessary to prevent system from failing under snow and ice conditions.