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**SECTION 10 71 23.02 - WINDSCREENS**

 GENERAL

 SUBMITTALS

 Action Submittals:

 Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.

 Product Data: Manufacturer’s descriptive data and product attributes.

 Samples: [Selection samples.] [Verification samples.]

 Informational Submittals:

 Certificate of Compliance: Certification that installed products meet specified design and performance requirements.

 SYSTEM DESCRIPTION

 Design Requirements:

 Design wind pressure: In accordance with [ASCE 7.] [Building Code.] [\_\_\_\_.]

 Movement: Ambient temperature range of [120] [\_\_] degrees F and a surface temperature range of [160] [\_\_] degrees F.

 System design to be performed by qualified professional engineer licensed in State of [\_\_\_\_].

 QUALITY ASSURANCE

 Installer Qualifications: Firm specializing in work of this Section with minimum [2] [\_\_] years’ experience.

 Mockup: [Minimum [4] [\_\_] feet long x full height.] [\_\_\_\_.] Approved mockup [may] [may not] remain as part of the Work.

 PRODUCTS

 MANUFACTURERS

 Contract Documents are based on Metropolis Post Windscreen System by C.R. Laurence Co., Inc. [www.crlaurence.com](http://www.crlaurence.com)

 Substitutions: [Refer to Division 01.] [Not permitted.]

 MATERIALS

 Stainless Steel: ASTM A666, Type 316.

 Glass: ASTM C1172 and ANSI Z97.1, nominally 9/16 inch thick [clear] [[\_\_\_\_] tinted] laminated with exposed edges polished, consisting of two layers of ¼ inch thick fully tempered glass with 0.060 inch thick interlayer.

 FABRICATION

 Windscreen Height: [[6] [7] [8] feet.] [As indicated.]

 Posts:

* + - 1. Post height: [5] [6] [7] feet.

 [End] [and] [center] posts: 3/4 inch face width x 5 inch depth.

 Corner posts: 8 x 8 inches, 90 degree.

 Horizontal Extrusions: Not required.

 Mounting: Surface.

 FINISHES

 Stainless Steel: NAAMM AMP 503; [No. 4 satin.] [No. 8 mirror polished.]

\*\*\*\* OR \*\*\*\*

 Stainless Steel: Powder coating, AAMA 2604, [\_\_\_\_] [custom] color [to be selected from manufacturer's full color range].

 EXECUTION

 INSTALLATION

 Install in accordance with manufacturer's instructions and approved Shop Drawings.

 Installation Tolerances:

 Maximum variation from plumb or level: [1/16] [\_\_] inch in 3 feet or [1/8] [\_\_] inch in any 10 feet, whichever is less.

END OF SECTION