Phantom Screens Developed by ZeroDocs.com

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This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by the following method in Microsoft Word:

 Display the FILE tab on the ribbon, click OPTIONS, then DISPLAY. Select or deselect HIDDEN TEXT.

This guide specification section has been prepared by Phantom Screens for use in the preparation of a project specification section covering Phantom Oversized Retractable Door Screens; horizontally acting retractable insect, and solar shading for opening glass walls, bi-fold and multi-slide door systems.

The following should be noted in using this specification:

Hypertext links to manufacturer websites are included after manufacturer names to assist in product selection and further research. Hypertext links are shown in blue text, e.g.:

www.phantomscreens.com

Optional text requiring a selection by the user is enclosed within brackets and shown in red text, e.g.: Color: [Red.] [Black.]"

Items requiring user input are enclosed within brackets and shown in red text, e.g.: "Section [\_\_ \_\_ \_\_ - \_\_\_\_\_\_\_\_]."

Optional paragraphs are separated by an "OR" statement shown in red text, e.g.:

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

For assistance in the use of products in this section, contact Phantom Screens by calling 1-888-444-4142 or visit their website at www.phantomscreens.com.

This specification has been prepared based on SimpleSpecs™ specification templates. The SimpleSpecs™ Master Guide Specification system comprises a full architectural master specification that can be used to specify all project requirements. For additional information on SimpleSpecs™ products visit the ZeroDocs.com website at www.zerodocs.com.

**SECTION 10 71 29 – EXTERIOR RETRACTABLE LARGE OPENING SCREENS**

 GENERAL

 ADMINISTRATIVE REQUIREMENTS

 Pre-Installation Conference:

 Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] installer, and related trades.

 Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

 SUBMITTALS

 Action Submittals:

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

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

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

 Informational Submittals:

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

 Closeout Submittals:

 Operation and Maintenance Data.

 QUALITY ASSURANCE

 Installer Qualifications:

 Minimum [2] [\_\_] years’ experience in work of this Section.

 Authorized installer of screen manufacturer.

 Mockup: [One full size screen.] [\_\_\_\_.]

 WARRANTY

Contact Phantom Screens for specific warranty coverages.

 Manufacturer’s limited lifetime warranty for aluminum components, plastics, and coatings.

 PRODUCTS

 MANUFACTURERS

 Contract Documents are based on products by Phantom Screens. [www.phantomscreens.com](http://www.phantomscreens.com)

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

 MANUFACTURED UNITS

 Exterior Retractable Large Opening Screens:

 Model: Phantom Oversized Retractable Door Screen.

 Type: Horizontally coiling, manually operated.

Confirm minimum and maximum screen sizes with Phantom Screens.

 Components:

 Surface mount: Slide bar, housing, roller, standard slide bar tracks, and sill adaptors: Extruded aluminum.

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

 Recessed mount: Slide bar, housing, roller, and sill adaptors: Extruded aluminum.

* + - * 1. Housing cup for recessing: black nylon.
				2. Bottom recessed track catch and recessed track caps: black nylon.
				3. U-channel & recessed slide bar tracks: extruded aluminum.

 Mesh track: Extruded PVC.

 Screen retracting mechanism: Constant tension Class B spring in lubricated and sealed unit.

 Zipper: No. 2 coil zipper, black.

 Door latch mechanism: Nylon gear assembly, aluminum rods, and chrome plated zinc handle levers.

 Housing end caps: Ultraviolet protected, nylon, black.

 Slide bar end caps, track catches and door handle:

* + - * 1. Ultraviolet protected, nylon or Triax.
				2. [Integrally colored to match standard housing color.] [Alkyd industrial enamel paint to match custom colored housings.]

Refer to the Phantom Screens website for current screen mesh options and color offerings.

 Screen mesh:

* + - * 1. Type: [\_\_\_\_.] [To be selected from manufacturer’s full range of screen offerings.]
				2. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

 Accessories:

Swing restrictors prevent open doors from hitting the screen when screen is in closed position.

 Swing restrictors.

Retain the following if required.

 Threshold adapters: [Mill finish.] [Black.] [Gold.] [Bronze.] [Anodized.] [Finish to be selected.]

 Label: Provide label with serial number and date of manufacture on each screen unit.

 Finishes:

Contact Phantom Screens if coating systems other than AAMA 2603 are required.

 Aluminum components: Semigloss powder coat to AAMA 2603, [\_\_\_\_] [custom] color [to be selected from manufacturer’s full color range].

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

 Aluminum components: Clear anodized to AAMA A31.

 EXECUTION

 INSTALLATION

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

 END OF SECTION