

SECTION 12 20 00

WINDOW TREATMENTS

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**\*\* NOTE TO SPECIFIER \*\* A&I Manufacturing; Window Treatment products.**

This section is based on the products of A&I Manufacturing, which is located at:  
17476 147th St. S.E. Suite E  
Monroe, WA 98272  
Toll Free Tel: 800-335-7105  
Tel: 360-805-8200  
Fax: 360-805-9255

Email: [request info \(info@a-imanufacturing.net\)](mailto:info@a-imanufacturing.net)

Web: [www.a-imanufacturing.net](http://www.a-imanufacturing.net)

[ [Click Here](#) ] for additional information.

A&I Manufacturing is one of the only independent fabricators left in the USA, we have been serving the Pacific Northwest since 1995. We carry a full line of window coverings from Mini-blinds, Horizontals, Cellular Shades and Roller Shades to the finest shutters made in the world.

In addition to our custom made window coverings, A&I provides a full range of services including measuring, cleaning/repair and installation by our own employees - not subcontractors - offering a risk-free experience.

We take pride in our competitive prices, fast service, and excellent product quality.

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PART 1

GENERAL

1.1 SECTION INCLUDES

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**\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.**

- A. Mini Blinds.
- B. Horizontal Blinds, 2 inch.
- C. Vertical Blinds.
- D. Cellular Shades.
- E. Roller Shades.
- F. Perfect Fit Shades
- G. Fabric.

1.2 RELATED SECTIONS

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**\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.**

- A. Section 06 10 00 - Rough Carpentry.

- B. Section 06 20 00 - Finish Carpentry.
- C. Section 08 54 13 - Fiberglass Windows.
- D. Section 09 21 16.33 - Gypsum Board Area Separation Wall Assemblies.
- E. Section 09 51 23 - Acoustical Tile Ceilings.
- F. Section 12 25 13 - Motorized Drapery Rods.
- G. Division 16 - Electrical: Electrical supply, conduit, and wiring for motorized window shades.

### 1.3 REFERENCES

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**\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.**

- A. 

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NFPA 70 - National Electrical Code.
- B. NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.
- C. GreenGuard Low Emitting Interior Products.
- D. ANSI/WCMA A100.1-2012 - American National Standard for Safety of Corded Window Covering Products.

### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements Submittal Procedures.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Mounting details and Installation methods.

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**\*\* NOTE TO SPECIFIER \*\* Delete the following paragraph for manually operated roller shade.**

- 4. 

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Typical wiring diagrams including integration of motor controllers with building management system, audiovisual and lighting control systems as applicable.
- C. Shop Drawings: Submit plans, elevations, sections, product details, installation details, operational clearances and relationship to adjacent work

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**\*\* NOTE TO SPECIFIER \*\* Delete the following paragraphs if LEED is not applicable. Several opportunities exist for LEED credits when using systems specified. Contact A&I Manufacturing for additional information.**

- D. 

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LEED Submittals: Provide documentation of how the requirements of Credit will be met:
  - 1. Data on Recycling Content Credits available for the products specified.
  - 2. Data on Daylight Credits available for the products specified.
  - 3. Data on Energy Optimization Performance Credits for the products specified.
  - 4. Data on Indoor Environmental Quality Credits for the products specified.
  - 5. Data on Regional Manufacturing Credits, which may be available for the project location.

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**\*\* NOTE TO SPECIFIER \*\* Delete selection samples if colors have already been selected.**

- E. 

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Selection Samples: For each finish product specified, two complete sets of color

- chips representing manufacturer's full range of available colors and patterns.
  - F. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.
  - G. Manufacturer's Certificates: Certify products meet or exceed specified requirements.
  - H. Closeout Submittals: Provide manufacturer's maintenance instructions that include recommendations for periodic checking and adjustment of cable tension and periodic cleaning and maintenance of all railing and infill components.
- 1.5 QUALITY ASSURANCE
- A. Manufacturer Qualifications: A fabricator capable of demonstrating at least 10 years' documented experience successfully fabricating window treatments on projects of similar type and scope as specified in this section.
  - B. Installer Qualifications: Capable of demonstrating at least 5 years' experience successfully installing window treatments on projects of similar type and scope as specified in this section.

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**\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.**

- C. 

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Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
    - 1. Locate where designated by Architect.
    - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
    - 3. Refinish mock-up area as required to produce acceptable work.
- 1.6 DELIVERY, STORAGE, AND HANDLING
- A. Do not deliver products until building is enclosed and construction within spaces where product will be installed is substantially complete.
  - B. Deliver and store products in manufacturer's unopened packaging until ready for installation.
  - C. In accordance with manufacturer's instructions, store materials in manufacturer's unopened packaging in a clean area, free of corrosive fumes and dust, and away from construction activities until ready for installation.
  - D. Stack materials horizontally using plastic or wood shims to allow for proper and adequate drainage and ventilation
- 1.7 SEQUENCING
- A. Ensure that locating templates and other information required for installation of products of this section are furnished to affected trades in time to prevent interruption of construction progress.
  - B. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
- 1.8 PROJECT CONDITIONS
- A. Verify dimensions of adjoining construction by field measurements before manufacturing. Allow clearance for operable glazed unit's operation hardware.
  - B. Install only after paint and finish work is completed, air conditioning is operational and air temperature are maintained between 60 and 85 degrees F and between 45 and 85 percent RH.
- 1.9 WARRANTY
- A. Manufacturer's Limited Lifetime Warranty for residential use.
- PART 2 PRODUCTS
- 2.1 MANUFACTURERS
- A. Acceptable Manufacturer: A&I Manufacturing, which is located at: 17476 147th St. S.E. Suite E; Monroe, WA 98272; Toll Free Tel: 800-335-7105; Tel: 360-805-

8200; Fax: 360-805-9255; Email: [request info \(info@a-imanufacturing.net\)](mailto:info@a-imanufacturing.net); Web: [www.a-imanufacturing.net](http://www.a-imanufacturing.net)

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**\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.**

- B. 

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Substitutions: Not permitted.
  - C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
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**\*\* NOTE TO SPECIFIER \*\* Select the mini blinds required from the following paragraphs as required and delete those not required. Note that the maximum size width and drop noted apply to residential blinds with a lifetime warranty. Custom widths and drops are available upon request. Contact the manufacturer for additional information.**