SECTION 10 73 13

DOOR AND WINDOW AWNINGS

Display hidden notes to specifier. (Don't know how? [Click Here](https://www.arcat.com/sd/display_hidden_notes.shtml))

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\*\* NOTE TO SPECIFIER \*\* Feeney Inc. (CableRail, DesignRail®); Feeney aluminum and polycarbonate door and window awning products.  
  
This section is based on the products of Feeney Inc. (CableRail, DesignRail®), which is located at:  
2603 Union St.  
Oakland, CA 94607  
Toll Free Tel: 800-888-2418  
Fax: 510-788-6041  
Email: [commercial@feeneyinc.com](mailto:commercial@feeneyinc.com)  
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[ [Click Here](http://www.arcat.com/arcatcos/cos38/arc38341.html) ] for additional information.  
  
Feeney, Inc. is a leading manufacturer of high quality architectural products that enhance the spaces where people live, work and play. Feeney residential and commercial products for exterior and interior applications include CableRail stainless steel cable assemblies, Quick-Connect® auto-locking cable fittings, DesignRail® aluminum railing systems with optional LED lighting, DesignRail® Panel Infill, stainless steel Architectural Rods, Awning Kits and the Trellis Collection of garden trellises. Since 1948, Oakland, California-based Feeney has been committed to providing construction professionals and DIY homeowners with innovative, easy-to-use products and unsurpassed service. For more information or the location of a dealer near you, please visit www.feeneyinc.com.  
This specification includes Feeney wall mounted aluminum frame and polycarbonate door and window awning systems.

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Wall mounted awnings with aluminum frames and polycarbonate panels.
  1. RELATED SECTIONS

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

* + 1. Section 03 30 00 - Cast-in-Place Concrete: Requirements for placement of anchors or sleeves in concrete.
    2. Section 04 20 00 - Unit Masonry.
    3. Section 06 20 00 - Finish Carpentry.
  1. REFERENCES

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

* + 1. ANSI/FM 4473 - Impact Resistance Testing of Rigid Roofing materials by Impacting with Freezer Ice Balls FM Approval.
    2. AAMA 2604 - Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Pipe.
  1. DESIGN / PERFORMANCE REQUIREMENTS

\*\* NOTE TO SPECIFIER \*\* Edit the following paragraph carefully as required to suit local building codes or performance requirements.

* + 1. Structural Performance: Engineered to withstand high snow/wind loads of up to 35.5 psf.
    2. Corrosion Resistance: Separate incompatible materials to prevent electrolytic corrosion.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. 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. Installation and maintenance methods.

\*\* NOTE TO SPECIFIER \*\* Shop drawings may not be required for small or simple projects. Delete the following paragraph if shop drawings are not required.

* + 1. Shop Drawings: Indicate materials, sizes, styles, fabrication, anchorage and installation details for awning system.

\*\* NOTE TO SPECIFIER \*\* Delete the following paragraphs if LEED is not applicable.

* + 1. LEED Submittals: Provide documentation of how the requirements of Credit will be met:
       1. List of proposed materials with recycled content. Indicate post-consumer recycled content and pre-consumer recycled content for each product having recycled content.
       2. Product data and certification letter indicating percentages by weight of post-consumer and pre-consumer recycled content for products having recycled content.

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

* + 1. Selection Samples: For each finish product specified, an individual color chip representing manufacturer's color and finish specified.
    2. Verification Samples: For each finish product specified, provide two color samples, minimum size 6 inches (150 mm) square that represent actual product, color, and finish.
    3. Manufacturer's Certificates: Certify products meet or exceed specified requirements.
    4. Closeout Submittals: Provide manufacturer's maintenance instructions that include recommendations for periodic cleaning and maintenance of all awning components.
  1. QUALITY ASSURANCE

\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following an 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.

* + 1. Mock-Up: Provide a mock-up for evaluation of preparation techniques and application workmanship.
       1. Finish one complete awning section in area designated by Architect.
       2. Do not proceed with remaining work until workmanship is approved by Architect.
       3. Reconstruct mock-up as required to produce acceptable work.
       4. Accepted mock-ups shall be comparison standard for remaining Work.
  1. DELIVERY, STORAGE, AND HANDLING
     1. Deliver to site and store materials in manufacturer's original containers and packaging, with labels clearly identifying product name and manufacturer.
     2. Store products in clean, dry area indoors until ready for installation. Store materials in accordance with manufacturer's instructions.
     3. Protect materials and finish from damage during handling and installation.
  2. SEQUENCING
     1. Ensure that shop drawings and other information required for installation of products of this section are furnished to affected trades in time to prevent interruption of construction progress.
     2. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
  3. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
     2. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.
  4. COORDINATION
     1. Coordinate Work with other operations and installation of adjacent materials to avoid damage.
  5. WARRANTY
     1. The warranty for the aluminum frame of the Awnings, including all metal parts and components thereof, shall be valid for a period of ten (10) years from the original date of purchase, and two (2) years from the original date of purchase for the polycarbonate panel (the "Limited Warranty").
  6. EXTRA MATERIALS
     1. See Section 01 60 00 - Product Requirements, for additional provisions.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Feeney Inc. (CableRail, DesignRail®), which is located at: 2603 Union St.; Oakland, CA 94607; Toll Free Tel: 800-888-2418; Fax: 510-788-6041; Email:request info (commercial@feeneyinc.com); Web:http://www.feeneyinc.com

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

* + 1. Substitutions: Not permitted.
    2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
  1. MATERIALS
     1. Aluminum: 6000 Series aluminum, alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated.
     2. Panels: Polycarbonate 5/32-inch (4 mm) thick, Class 4 impact rated, conforming to ANSI/FM 4473. Panels UV protected on both sides.
        1. Panel Color: Clear.
        2. Panel Color: Textured.
        3. Panel Color: Gray Tint.

\*\* NOTE TO SPECIFIER \*\* Select the Awning components required and delete those not required. Base Kits are used together with Extension Kits and Corner Kits for larger extended awning coverage. Verify that Base Kits, Extensions and Corners are clearly located on the Drawings.

* 1. COMPONENTS

\*\* NOTE TO SPECIFIER \*\* Select Base Kit type required and delete the one not required.

* + 1. Icon Base Kit: 59 in by 39-3/8 in (1500 mm by 1000 mm) with powder coated aluminum frame and polycarbonate panel.
    2. Era Base Kit: 59 in by 39-3/8 in (1500 mm by 1000 mm) with powder coated aluminum frame and polycarbonate panel.

\*\* NOTE TO SPECIFIER \*\* Select Extension Kit type required and delete the one not required.

* + 1. Icon Extension Kit: 56-5/8 in by 39-3/8 in (1438 mm by 1000 mm) with powder coated aluminum frame and polycarbonate panel.
    2. Era Extension Kit: 56-5/8 in by 39-3/8 in (1438 mm by 1000 mm) with powder coated aluminum frame and polycarbonate panel.
    3. Fasteners for Connecting Awning Kits to Adjacent Construction:

\*\* NOTE TO SPECIFIER \*\* Awnings are prepared for use with 3/8 inch stainless steel fasteners. Verify that type and size of fasteners for connecting awning kits to other construction are shown on the Drawings and have been approved by a structural engineer for local code loading requirements.

* + - 1. Type and size as shown on Drawing.
      2. Type and size recommended by awning Manufacturer.
      3. Include color-matched, powder-coated aluminum caps to cover the heads of the awning attachment hardware.
  1. FINISH
     1. Shop Finish: Powder coat aluminum components in compliance with AAMA 2604.

\*\* NOTE TO SPECIFIER \*\* Select colors required from the following paragraphs and delete those not required. If more than one color is required, verify the locations are clearly shown on the Drawings. In addition to the colors listed, over 200 custom colors are available. Contact manufacturer for further information.

* + - 1. Frame Color: Textured Black.
      2. Frame Color: Black Matte.
      3. Frame Color: White.
      4. Frame Color: Bronze Matte.
      5. Frame Color: Silver.
      6. Frame Color: Sparkling Champagne.
      7. Frame Color: Oil Rubbed Bronze.
      8. Frame Color: Brickyard Red.
      9. Frame Color: Commodore Blue.
      10. Frame Color: Hartford Green.
      11. Frame Color: Iron Gray.
      12. Frame Color: Coffee Cream.
      13. Frame Color: Dove Gray.
      14. Frame Color: Modern White.
      15. Frame Color: Blue Steel.
      16. Frame Color: Custom color as selected by Architect.
      17. Frame Color: Color as shown on Drawings.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly prepared.
      2. Verify mounting conditions are in accordance with manufacturer's recommendations.
      3. If substrate conditions are the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
   2. PREPARATION
      1. Clean surfaces thoroughly prior to installation.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
   3. INSTALLATION
      1. Install in accordance with manufacturer's instructions.
      2. Provide anchorage devices and fittings to secure awnings to in-place construction, including threaded fittings for concrete inserts, toggle bolts and through-bolts.
      3. Install awnings plumb, level, square, and rigid.
      4. Separate dissimilar materials with bushings, gaskets, grommets, washers or coatings where required to prevent electrolytic corrosion.
   4. CLEANING
      1. Remove temporary coverings and protection of adjacent work areas. Clean installed products in accordance with manufacturer's instructions before owner's acceptance.
      2. Remove from project site and legally dispose of construction debris associated with this work.
   5. PROTECTION
      1. Protect installed products until completion of project.
      2. Replace defective or damaged components as directed by Architect.
      3. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION