

# feeney® Trellis Collection

## 3-Part Specification

### Cable/ Rod Trellis Systems

#### GENERAL NOTES TO SPECIFIER:

THIS SPECIFICATION SECTION HAS BEEN PREPARED TO ASSIST DESIGN PROFESSIONALS IN THE PREPARATION OF PROJECT OR OFFICE MASTER SPECIFICATIONS. IT FOLLOWS GUIDELINES ESTABLISHED BY THE CONSTRUCTION SPECIFICATIONS INSTITUTE, AND THEREFORE MAY BE USED WITH MOST MASTER SPECIFICATION SYSTEMS WITH MINOR EDITING.

EDIT CAREFULLY TO SUIT PROJECT REQUIREMENTS. MODIFY AS NECESSARY AND DELETE ITEMS THAT ARE NOT APPLICABLE. VERIFY THAT REFERENCED SECTION NUMBERS AND TITLES ARE CORRECT. (NUMBERS AND TITLES REFERENCED ARE BASED ON *MASTERFORMAT*, 2004 EDITION).

THIS SECTION ASSUMES THE PROJECT MANUAL WILL CONTAIN COMPLETE DIVISION 1 DOCUMENTS INCLUDING 01 25 13-PRODUCT SUBSTITUTION PROCEDURES, SECTIONS 01 33 00-SUBMITTAL PROCEDURES, 01 62 00-PRODUCT OPTIONS, 01 66 00-PRODUCT STORAGE AND HANDLING REQUIREMENTS, 01 74 00-CLEANING AND WASTE MANAGEMENT 01 77 00-CLOSEOUT PROCEDURES, AND 01 78 00-CLOSEOUT SUBMITTALS. CLOSE COORDINATION WITH DIVISION 1 SECTIONS IS REQUIRED. IF THE PROJECT MANUAL DOES NOT CONTAIN THESE SECTIONS, ADDITIONAL INFORMATION SHOULD BE INCLUDED UNDER THE APPROPRIATE ARTICLES.

THIS IS AN OPEN PROPRIETARY SPECIFICATION ALLOWING USERS THE OPTION OF APPROVING OTHER MANUFACTURERS THAT COMPLY WITH THE CRITERIA SPECIFIED HEREIN.

NOTES TO THE SPECIFIER ARE CONTAINED IN BOXES AND SHOULD BE DELETED FROM FINAL COPY.

OPTIONAL ITEMS REQUIRING SELECTION BY THE SPECIFIER ARE ENCLOSED WITHIN BRACKETS, E.G. [35] [40] [45]. MAKE APPROPRIATE SELECTIONS AND DELETE OTHERS.

ITEMS REQUIRING ADDITIONAL INFORMATION ARE UNDERLINED BLANK SPACES, E.G. \_\_\_\_\_ .

OPTIONAL PARAGRAPHS AND FEATURES THAT MAY BE SELECTED OR DELETED AS DESIRED ARE SHOWN IN BOLD FACE TYPE. CONVERT THE BOLD FACE TYPE TO REGULAR TYPE WHEN INCLUDING THESE PARAGRAPHS OR FEATURES; DELETE THEM IF NOT REQUIRED FOR THE PROJECT.

REVISE FOOTER TO SUIT PROJECT/OFFICE REQUIREMENTS.

ELECTRONIC VERSIONS OF THIS SPECIFICATION UTILIZE AUTOMATIC PARAGRAPH NUMBERING.

WHEN EDITING IS COMPLETE, DELETE ALL TEXT ON THIS PAGE, THEN REMOVE THE SECTION BREAK AT THE TOP OF THE NEXT PAGE TO REMOVE THIS PAGE FROM THE DOCUMENT.

#### **SPECIFICATION BEGINS ON THE FOLLOWING PAGE.**

Initial Issue Date: December 10, 2007  
Revision 1: April 11, 2011

**SECTION 05 59 10**

**CABLE/ROD TRELLISES**

**PART 1 - GENERAL**

1.01 SUMMARY

A. Section Includes: [wall mounted] [freestanding] [aluminum framed] trellises with stainless steel [cable and rod] [rod] vine grids.

B. Related Sections:

INSERT SECTION NUMBER(S) AND TITLE(S) BELOW FOR WORK TO WHICH TRELLISES WILL BE ANCHORED. VERIFY THAT RELATED SECTIONS ALSO REFERENCE THIS SECTION.

1. \_\_\_\_\_
2. \_\_\_\_\_

1.02 SUBMITTALS

A. Reference Section 01 33 00–Submittal Procedures; submit following items:

1. Product Data.

SHOP DRAWINGS MAY NOT BE REQUIRED FOR SMALL, SIMPLE PROJECTS. DELETE FOLLOWING PARAGRAPH IF SHOP DRAWINGS ARE NOT DESIRED.

2. **Shop Drawings: Indicate materials, sizes, anchorage and installation details for trellis system.**
3. Manufacturer's installation instructions.
4. Special Warranties.

1.03 DELIVERY, STORAGE, AND HANDLING

A. Reference Section 01 66 00–Product Storage and Handling Requirements.

1.04 WARRANTY

COMPLETE TEXT OF FOLLOWING WARRANTIES IS AVAILABLE FROM FEENEY UPON REQUEST.

A. Special Warranty:

1. Feeney trellis kits: 5 year limited warranty against defects in material and workmanship on aluminum support frames and finishes, stainless steel cables, rods and connectors when used for the purpose intended under normal conditions.

**PART 2 - PRODUCTS**

2.01 MANUFACTURER

A. Feeney, Inc.  
2603 Union St  
Oakland, CA 94607

Toll Free: (800) 888-2418  
Tel: (510) 893-9473  
Fax: (510) 893-9484  
E-mail: [sales@feeneywire.com](mailto:sales@feeneywire.com)  
Website: [www.cabletrellis.com](http://www.cabletrellis.com)

- B. Product: Feeney® Trellis Collection trellis kits
- C. Substitutions: Reference Section 01 63 00–Product Substitution Procedures.

## 2.02 COMPONENTS

SELECT PARAGRAPH A. AND/OR B. AND/OR C. BELOW DEPENDING ON PROJECT REQUIREMENTS. DELETE TRELLIS TYPES NOT USED. VERIFY THAT TRELLIS DIMENSIONS ARE SHOWN ON DRAWINGS. VERIFY THAT DETAILS FOR INSTALLATION/MOUNTING ARE SHOWN ON DRAWING AND APPROVED BY STRUCTURAL ENGINEER.

- A. **Wall Mounted Somerset-II® Trellis:**
  - 1. **Top and Bottom Angle Brackets:** 1-1/2 by 2 by 1/8 inch powder coated aluminum angles with stand-off blocks; predrilled for mounting hardware and cable installation.
  - 2. **Cables:** 1/8 inch (3.2 mm) diameter, type 316 stainless steel, polished finish, commercial, dry grade; include attachment fittings.
  - 3. **Rods:** 1/8 inch (3.2 mm) diameter, type 316 stainless steel.
  - 4. **Accessories:** As recommended by manufacturer to secure rods and provide finish details, and as shown on Drawings to mount angle brackets.
- B. **Wall Mounted 3-in-1 Trellis:**
  - 1. **Mounting hardware:** stainless steel 2 inch stand-offs support fittings with stainless steel hanger bolts and locking hex nuts.
  - 2. **Rods:** 1/8 inch (3.2 mm) diameter, type 316 stainless steel.
  - 3. **Accessories:** As recommended by manufacturer to secure rods and provide finish details, and as shown on Drawings to mount stand-off support fittings.
  - 4. **Installation Design Configuration:** [fan design] [grid design] [diamond design].
- C. **Freestanding Greenway® Trellis:**
  - 1. **Frame:** 1-1/2 inch OD by 1/8 inch wall thickness aluminum tube sections with splice sleeves and locking-screws; predrilled for cable installation.
  - 2. **Cables:** 1/8 inch (3.2 mm) diameter, type 316 stainless steel, polished finish, commercial, dry grade; include attachment fittings.
  - 3. **Rods:** 1/8 inch (3.2 mm) diameter, stainless steel.
  - 4. **Installation Configuration:** [Legs cast in concrete] [Legs set in gravel fill] [Legs secured with aluminum base plates].

DELETE BRACKETED TEXT IN 5. BELOW IF BASE PLATES ARE NOT USED.

- 5. **Accessories:** As recommended by manufacturer to secure rods and provide finish details [and as shown on Drawings to secure with aluminum base plates].

## 2.03 FINISH

- A. Shop Finish: Aluminum components; powder coated per AAMA 2604 paint finishes.

## PART 3 - EXECUTION

### 3.01 EXAMINATION

- A. Examine work upon which trellis(es) will be installed.
- B. Coordinate with responsible entity to correct unsatisfactory conditions.

C. Commencement of work by installer is acceptance of substrate conditions.

### 3.02 INSTALLATION

MANUFACTURER'S INSTALLATION INSTRUCTIONS COVER PROCEDURES FOR TYPICAL INSTALLATION CONDITIONS. INSERT ADDITIONAL REQUIREMENTS BELOW AS NECESSARY TO COVER SPECIAL OR UNUSUAL CONDITIONS.
---

A. Follow manufacturer's installation instructions.

### 3.03 CLEANING

A. Reference Section 01 74 00–Cleaning and Waste Management.

B. Clean soiled surfaces with soft clean cloths using a mild detergent and warm water solution.

END OF SECTION