



feeney® 

Commercial

Commercial Projects & Services

CableRail • DesignRail® • Awnings • Architectural Rods • Trellis

Feeney® makes it easy

Since 1948, Feeney has pioneered industry-leading railing systems and other architectural and rigging products. If you want the highest quality architectural solutions supported by a friendly and easy process, you've come to the right place.

Feeney makes it easy!

- Over 70 years of industry leadership and expertise
- Superior-quality products with innovative design details, highest-grade materials, and precision manufacturing processes
- Nationwide distribution and warehousing for fast and cost-effective delivery
- Long standing global vendor base ensuring reliable and timely flow of materials and products
- High recycled content materials/products help earn project *Leadership in Energy & Environmental Design* (LEED®) credits
- Minority and Women-Owned Business Enterprise (MWBE), certification pending
- Unparalleled customer service with expert design services and technical support

To find out more about how Feeney can add value to your company and make your next project beautiful and easy, please give us a call at 1-800-888-2418 or visit our website www.feeneyinc.com



Rosales + Partners
Bridge Designers



Products

CableRail

A wide selection of both kits and custom stainless steel cable assemblies for use as infill on railings, fences, and trellises. Includes our specially designed Quick-Connect® automatic-locking cable fittings and our new low-profile **CableRail Conceal Kits**.

DesignRail®

Powder-coated aluminum railing frame systems available in a wide range of styles, colors, mounting, infill, and LED lighting options to meet any design need with pre-engineered components that snap and screw together for easy, efficient installations.

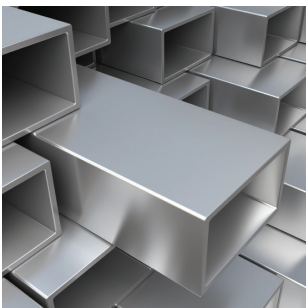
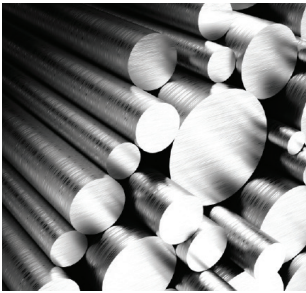
Sta-Lok®

Stainless steel rod assemblies that are an attractive, high-strength, low-maintenance alternative to traditional steel rod and wire rope rigging systems. Assemblies are made to order, ready to install and can be used in both structural and decorative applications.

Trellis Collection

A selection of wall mounted and freestanding trellis kits with powder-coated aluminum support frames and stainless steel cable and rod vine lattices with adjustable micro cross-clamp connectors. Available in an assortment of sizes and mounting options.

Feeney® Operations



- Long standing, global vendor base ensures reliable, timely flow of materials and products as well as volume pricing advantages
- Distribution centers on the East and West coasts and Central US offer fast, economical delivery
- Dedicated, highly professional estimating team that takes pride in their profession and works expeditiously to provide prompt, accurate price quotes
- State of the art, automated powder coating facility—AAMA 2604 finish specifications
- CNC machining capabilities in aluminum and stainless steel
- 3D printing at multiple design/production locations
- Highly trained and experienced shop technicians
- Fabrication of cable and rod assemblies up to 1-inch diameter
- Custom design, manufacturing/fabrication



Project Services

- 3-part specifications and CAD detail drawings
- Shop Drawings:
 - Professional drawings indicating project plan views, elevation views, and assembly details
- Engineering Reports:
 - Project specific engineering reports demonstrating IBC code compliance
 - Consulting engineer licensed in 16 states to provide stamped reports for submittal
- Extrusion Design:
 - Custom extrusion design and engineering based on professional engineering standards (ADM-Aluminum Design Manual)
- Toll-free technical support and design/project assistance line 1-800-888-2418

Safety Factors (ADM 2015 – Section F.1)
 Rupture limit state $\Omega = 1.95$
 All other limit states $\Omega = 1.65$

Table A.3.3 for 6005-T5:
 $F_y = 35 \text{ ksi}$ $F_u = 38 \text{ ksi}$ $k_t = 1.25$

Table A.3.1:
 $F_y = 0.9 F_u = 0.9(35 \text{ ksi}) = 31.5 \text{ ksi}$

- 1) Yielding – nominal flexural strength of wrought products M_{np} (ADM 2015 – Section F.2):

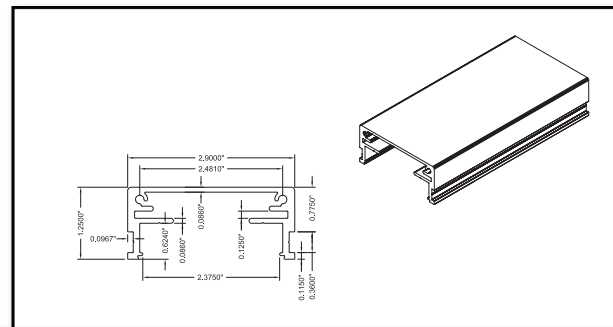
$$\frac{M_{np}}{\Omega} = \frac{Z F_y}{\Omega} = \frac{(0.3318)(31.5)}{1.65} = 6.33 \text{ in} \cdot \text{k}$$

$$\frac{M_{np}}{\Omega} = 1.5 \frac{S_t F_y}{\Omega} = 1.5 \frac{(0.1821)(35)}{1.65} = 5.79 \text{ in} \cdot \text{k}$$

$$\frac{M_{np}}{\Omega} = 1.5 \frac{S_x F_y}{\Omega} = 1.5 \frac{(0.3234)(31.5)}{1.65} = 9.26 \text{ in} \cdot \text{k}$$

- 2) Rupture – nominal flexural strength M_{nu} (ADM 2015 – Section F.2):

$$\frac{M_{nu}}{\Omega} = \frac{Z F_u / k_t}{\Omega} = \frac{(0.3318)(38) / 1.25}{1.95} = 5.17 \text{ in} \cdot \text{k}$$



Base Plate Anchorage	9	Series 350 Top Rail	39
Offset Base Plate	10	Series 400 Top Rail	40
Narrow Base Plate 3"x5"	10	Top Rail Vertical Load Sharing	42
6 Screw Post	11-13	Picket Infill Insert	43
6 Screw 45° Corner Post	14	Top Rail to Post Connection	44
Heavy Post	15	Top Rail Splices	45
Base Plate Mounted to Wood	16	Intermediate Rail	46
Base Plate Mounted to Concrete	17	Mid Rail	47
Core Mounted Posts	18-19	Picket Bottom Rail	48
Fascia Bracket	20-24	Pickets	49
Fascia Mounted Post	25-28	Post Rail Connection Block	50
Stanchion Mount	29-30	Wall Mount End Caps	51
Stanchion Welded to Base Plate	31	Grab Rail Bracket	53
Pool Fence/Wind Fence	32	Cable Infill	56
Series 100 Top Rail	33	Lag Screw Withdrawal From Wood	66

feeney

THE WHALER
ON KA'ANAPALI BEACH
DESIGN-RAIL GUARDRAIL - SHOP DRAWINGS

DESIGN-RAIL GUARDRAIL SHOP DRAWINGS

ITEM ID-1

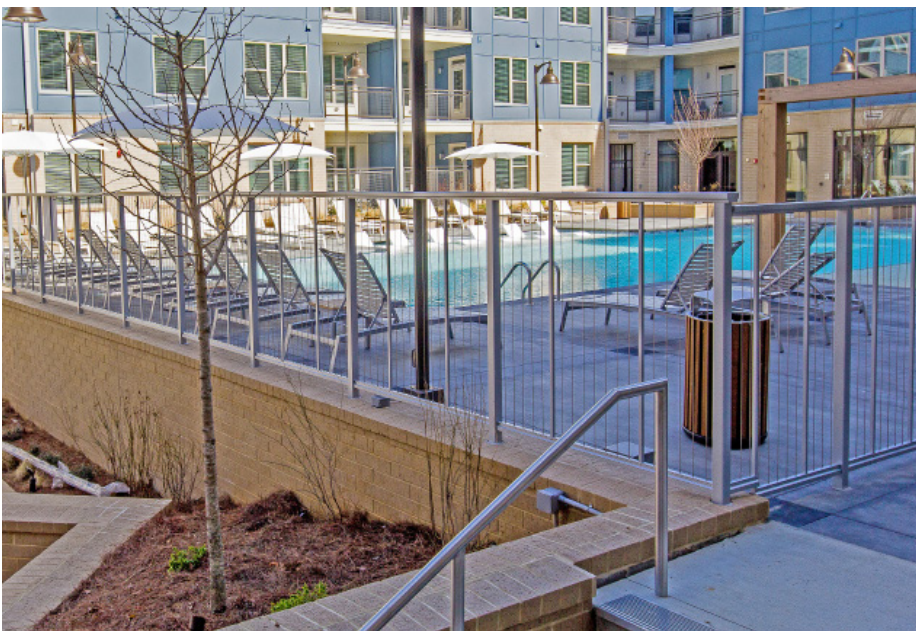
Whaler Condominiums: Kaanapali, HI



Custom designed DesignRail® aluminum railing with picket infill and custom anodized finish



Apartment Complex Pool Fence: Atlanta, GA



DesignRail® aluminum railing fence and gate with vertical CableRail infill



The SHED Retail & Community Space: Healdsburg, CA

CableRail cable & rod infill on steel & wood railing frame



Honoka'a Overlook: Honoka'a HI

DesignRail® aluminum railing with wood top rail and CableRail infill



Kennedy Space Center: Cape Canaveral, FL



CableRail cable infill on steel railing frame

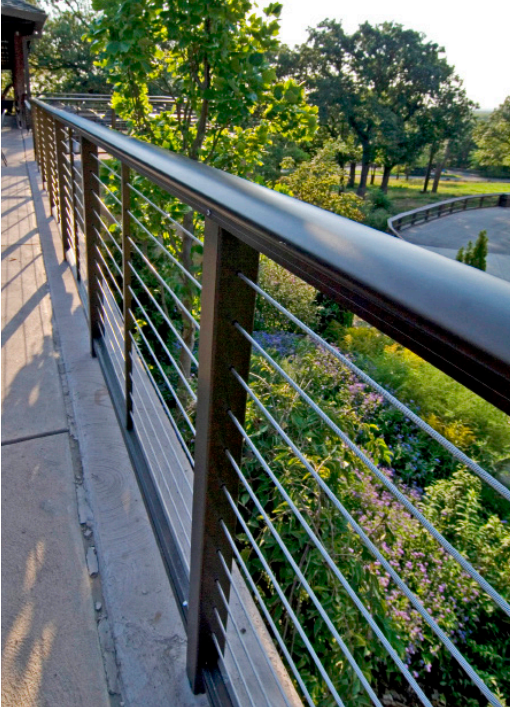


USS Arizona Memorial: Pearl Harbor, HI

DesignRail® aluminum railing with CableRail infill, ADA compliant handrail, and clear anodized finish



Omaha Zoo: Omaha, NE



DesignRail® aluminum railing
with CableRail infill

Boat Design Project: Waterford, CT



DesignRail® aluminum
railing with CableRail infill
and under rail LED lights

University of Oregon PK Park and Autzen Stadiums: Eugene, OR



CableRail cable infill on steel railing frame



University of TN McKenzie Lawson Football Practice Facility: Knoxville, TN

CableRail cable infill on steel railing frame



Fowler Lake Boardwalk: Oconomowoc, WI

DesignRail® aluminum railing with CableRail infill and under rail LED lights



Fontanel Mansion & Inn: Nashville, TN

CableRail cable infill on painted wood railing frame





Also see us on:



Let's put our knowledge and experience to work for you today. Please call 1-800-888-2418 or email sales@feeneyinc.com. And be sure to visit our website to find out more about our complete line of Feeney products, www.feeneyinc.com

SALES LOCATIONS

(All locations)
Toll free: 1-800-888-2418
Email: sales@feeneyinc.com

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Oakland, CA 94607
Fx: 1-510-788-6041

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Eugene, OR 97402
Fx: 1-866-215-4119

12655 SW Center Street, #325
Beaverton, OR 97005
Fx: 1-510-788-6041

4400 Veterans Memorial Hwy., #206
Holbrook, NY 11741
Fx: 1-631-285-7198

108 Water Street, #3B
Watertown, MA 02472
Fx: 1-510-788-6041

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