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SECTION 05 52 21 – ROD RAILINGS

GENERAL

SUBMITTALS

Action Submittals:

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

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

Samples: [Stain] [and] [powder coat] samples [in specified color.] [showing available colors.]

Informational Submittals:

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

QUALITY ASSURANCE

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

Fabricate railings in accordance with ASTM E935.

Mockup: [[6] [\_\_] feet long x full height,] [\_\_\_\_.] Approved mockup [may] [may not] remain as part of the Work.

SYSTEM DESCRIPTION

Minimum Design Loads:

[50] [\_\_] pounds per linear foot applied in any direction at top, transferred via attachments and supports to building structure.

Concentrated [200] [\_\_] pound load applied in any direction at any point along top, transferred via attachments and supports to building structure.

Maximum deflection under loading: [L/120.] [\_\_.]

System design to be performed by qualified professional engineer licensed in State of [\_\_\_\_].

PRODUCTS

MANUFACTURERS

Contract Documents are based on products by Viewrail, [www.viewrail.com](http://www.viewrail.com)

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

MATERIALS

Aluminum Extrusions: ASTM B221, alloy and temper best suited to application.

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

Stainless Steel: ASTM A276/A276M, Type [304.] [316.]

Wood: [African Mahogany.] [American Cherry.] [Ash.] [Brazilian Cherry.] [Hard Maple.] [Hickory.] [Paint Grade.] [Poplar, Stain Grade.] [Quarter Sawn White Oak.] [Red Oak.] [Tigerwood.] [Walnut.] [White Oak.] [Endurance thermally modified Ash.] [\_\_\_\_.]

ACCESSORIES

Anchors: Type best suited to application.

FABRICATION

Fabricate in accordance with approved Shop Drawings.

Mounting Method: Posts.

FINISHES

Aluminum: Powder coat, AAMA 2605, [\_\_\_\_] color [to be selected from manufacturer's full color range].

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

Stainless Steel: [Satin.] [Polished.]

Wood: [Stain and clear coat, [\_\_\_\_] color [to be selected from manufacturer’s full color range]. [Unfinished, for field-applied finish.]

EXECUTION

INSTALLATION

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

Installation Tolerances:

Maximum variation from plumb or level: [1/4] [\_\_] inch in [10] [\_\_] feet, noncumulative.

Maximum offset from alignment of adjacent components abutting end to end: [1/8] [\_\_] inch.

END OF SECTION