SECTION 11 13 13

LOADING DOCK GATES

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 \*\* Safety Rail Company; OSHA compliant fall protection systems products.   
This section is based on the products of Safety Rail Company, which is located at:4244 Shoreline Dr.Spring Park, MN 55384Toll Free Tel: 888-434-2720Fax: 888-471-4931 Email: [request info (sales@safetyrailcompany.com)](https://arcat.com/rfi?action=email&company=Safety%252BRail%252BCompany&message=RE%253A%2520Spec%2520Question%2520(11166src)%253A%2520&coid=47628&spec=11166src&rep=&fax=888-471-4931%2520)  
Web: <http://www.safetyrailcompany.com>   
 [ [Click Here](https://arcat.com/company/safety-rail-company-47628) ] for additional information.  
  
Safety Rail Company makes OSHA compliant fall protection systems that are durable and innovative but still affordable. With years of industry experience, our products are engineered first and foremost to SAVE LIVES. Beyond the primary goal of safety, we take our products a step further making them easier to assemble, configure, use and store.  
Our team of safety experts takes pride in our 100 percent American Made fall protection systems and the personal service we provide to our customers. We are firmly committed to providing:  
Dedicated one-on-one service  
Free in depth consultations to ensure you have the exact system you need  
Free, fast 3-D Cad modeling of your system  
Ongoing partnerships that you can depend on for years to come   
Call us today to discuss your fall protection needs or please visit us at our 50,000 sq ft (4645 sq m) manufacturing facility in the Minneapolis area. We look forward to hearing from you!!

1. GENERAL
   1. SECTION INCLUDES

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

* + 1. Loading dock gates.
  1. RELATED SECTIONS

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

* + 1. Section 03 11 19 - Insulating Concrete Forming.
    2. Section 03 30 00 - Cast-in-Place Concrete.
    3. Section 05 50 00 - Metal Fabrications.
    4. Section 11 13 13 - Loading Dock Bumpers.
    5. Section 26 05 00 - Common Work Results for Electrical.
  1. REFERENCES

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

* + 1. American National Standards Institute (ANSI): ANSI A14.3 - American National Standards for Ladders - Fixed - Safety Requirements.
    2. American Welding Society: AWS D1.1 - Structural Welding Code - Steel.
    3. American Welding Society: AWS D1.3 - Structural Welding Code - Sheet Steel.
    4. Occupational Safety & Health Administration (OSHA): 29 CFR 1910.28 Duty to Have Fall Protection and Falling Object Protection.
    5. Occupational Safety and Health Administration (OSHA): 29 CFR 1910.29 Walking-Working Surfaces
    6. Occupational Safety & Health Administration (OSHA): 29 CFR 1926.500 - Scope, Application, and Definitions Applicable to this Subpart.
    7. Occupational Safety & Health Administration (OSHA): 29 CFR 1926.501 - Duty to Have Fall Protection.
    8. Occupational Safety & Health Administration (OSHA): 29 CFR 1926.502 - Fall Protection Systems Criteria and Practices.
    9. Occupational Safety & Health Administration (OSHA): 29 CFR 1926.503 - Training Requirements.
  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 methods.
     3. Shop Drawings: Drawings showing plans, elevations, sections and details of components. Show member sizes and part identification, fasteners, anchors, fittings and evidence of compliance with structural performance requirements.
     4. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
     5. Manufacturer's Certificates:
        1. Certify that Railings and Base Castings are made in USA. Provide steel mill and foundry certificates for verification prior to shipment.
        2. Manufacturer must be American Welding Society Welding Certified for Welding Standards AWS D1.1 & AWS D1.3. Third party qualification documentation required prior to shipment.
  2. DELIVERY, STORAGE, AND HANDLING
     1. Deliver materials to the job site in good condition and adequately protected against damage as handrails are a finished product.
     2. Inspect rail sections for damage before signing the receipt from the trucking company. Truck driver must note damaged goods on the bill of lading if damaged product is found.
     3. Store products in manufacturer's unopened packaging until ready for installation.
  3. PROJECT CONDITIONS
     1. Field Measurements: Where handrails and railings are indicated to fit to other construction, check actual dimensions of other construction by accurate field measurements before fabrication.
  4. WARRANTY
     1. Warranty: Provide manufacturer's limited two year warranty.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Safety Rail Company, which is located at:4244 Shoreline Dr.Spring Park, MN 55384Toll Free Tel: 888-434-2720Fax: 888-471-4931 Email: [request info (sales@safetyrailcompany.com)](https://arcat.com/rfi?action=email&company=Safety%252BRail%252BCompany&message=RE%253A%2520Spec%2520Question%2520(11166src)%253A%2520&coid=47628&spec=11166src&rep=&fax=888-471-4931%2520);Web: <http://www.safetyrailcompany.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. LOADING DOCK GATES
     1. Provide Safety Rail Company industrial safety gate systems.

\*\* NOTE TO SPECIFIER \*\* Delete products not required.

* + - 1. Product: Single Opening Roller Gate.

\*\* NOTE TO SPECIFIER \*\* Delete gate openings not required.

* + - * 1. Gate Opening: 4 to 12 ft (1.22 to 3.66 m) at 1 ft (0.30 m) increments.
        2. Gate Opening: (ft / m): \_\_\_\_\_\_.
        3. Gate Opening: As specified by Architect.
        4. OSHA Compliant.
        5. Floor mounts on both sides of opening.
        6. Finish: Powder-coated safety yellow.
      1. Product: Single Opening Cantilever Dock Door Gate.
         1. Gate Opening: 6 to 12 ft (1.83 to 3.66 m) at 2 ft (0.61 m) increments.
         2. OSHA Compliant.
         3. Pneumatic shock absorbers assist opening and closing dock gates.
         4. Finish: Powder-coated safety yellow.
      2. Product: Dual Opening Cantilever Dock Door Gate.
         1. Gate Opening: 8 to 20 ft (2.44 to 6.10 m) at 2 ft (0.61 m) increments.
         2. OSHA Compliant.
         3. Pneumatic shock absorbers assist opening and closing dock gates.
         4. Finish: Powder-coated safety yellow.
      3. Product: Self-Closing Gate for Flat Steel Bar or Wall Mount.

\*\* NOTE TO SPECIFIER \*\* Delete opening adjustments not required.

* + - * 1. Opening Adjustment: 16 to 22 in (406 to 559 mm).
        2. Opening Adjustment: 19 to 25 in (483 to 635 mm).
        3. Opening Adjustment: 26 to 32 in (660 to 813 mm).
        4. Opening adjustment: 33 to 39 in (838 to 991 mm).

OSHA compliant.

Mounting: 2 to 3 in (51 to 76 mm) flat steel bar, flat wall or door frame.

\*\* NOTE TO SPECIFIER \*\* Delete finishes not required.

Finish: Galvanized.

Finish: Safety Yellow.

Finish: Stainless steel.

* + - 1. Product: Self-Closing Gate for Square or Round Post.
         1. Opening Adjustment: 16 to 22 in (406 to 559 mm).

OSHA compliant.

\*\* NOTE TO SPECIFIER \*\* Delete mounting not required.

Mounting: 1 to 2 in (25 to 51 mm) round post.

Mounting: 1 to 2 in (25 to 51 mm) square post.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

Finish: Galvanized.

Finish: Stainless steel.

* + - * 1. Opening Adjustment: 23 to 29 in (584 to 737 mm).

OSHA compliant.

\*\* NOTE TO SPECIFIER \*\* Delete mounting not required.

Mounting: 1 to 2 in (25 to 51 mm) round post.

Mounting: 1 to 2 in (25 to 51 mm) square post.

\*\* NOTE TO SPECIFIER \*\* Delete finishes not required.

Finish: Galvanized.

Finish: Safety Yellow.

Finish: Stainless steel.

* + - * 1. Opening Adjustment: 30 to 36 in (762 to 914 mm).

OSHA compliant.

\*\* NOTE TO SPECIFIER \*\* Delete mounting not required.

Mounting: 1 to 2 in (25 to 51 mm) round post.

Mounting: 1 to 2 in (25 to 51 mm) square post.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

Finish: Galvanized.

Finish: Stainless steel.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly prepared.
      2. If substrate preparation is 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, approved submittals and in proper relationship with adjacent construction.
   4. PROTECTION
      1. Protect installed products until completion of project.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION