SECTION 08 33 10

OVERHEAD COILING DOORS

This document is intended to note the Owners Design Requirements (ODR) for the titled specification section. Design professional to review and integrate ODR into the project's technical specifications. This ODR document should not be viewed as a standalone technical specification.

PART 1 - GENERAL REQUIREMENTS
N/A

PART 2 - PRODUCTS AND MATERIALS

- ◆ Door Construction
  - Door curtain shall be constructed of interlocking strip steel slats conforming to ASTM A-653.
  - Door shall be hot dipped galvanized G-90 coated consistent with ASTM A-653.
  - Doors shall be designed to withstand at least a ten (10) pounds maximum per square foot wind load during operation. Doors shall withstand fifty (50) pounds static wind load.
  - Doors shall be designed to a standard maximum of 100 cycles per day and an overall maximum of 300,000 operating cycles for the life of the door.
- ◆ OVERHEAD COILING DOORS
  - Acceptable Manufacturers:
    - The Cookson Company
    - Wayne Dalton
    - The Overhead Door Company
  - Motor Operated Service Door, full weather-strip, face of wall mounted, and featheredge.
  - Finished materials shall include all curtains, bottom bars, guides, brackets, hoods, operating mechanisms.
  - Proper gauge of steel shall be selected as follows:
    - 22 gauge with No. 5 (measuring 2-1/4 inches high by 5/8 inch deep) flat slats if the door width does not exceed 18'-4" and the door height does not exceed 18'-4".
  - Windlocks shall be installed on doors over 14'-1" wide.
- ◆ OPERATORS
  - The door shall be operated at a speed of 2/3 foot per second by an open drip-proof electric motor with gear reducer in oil bath. The motor operator shall include a geared limit switch and an electrically interlocked emergency chain operator.
  - The control station shall consist of a standard 3 button (open-close-stop) push-button station in a NEMA 1 enclosure, 24 volt circuit with grouped operator station. The control system shall interconnect with the security card access system.

PART 3 - EXECUTION
N/A

END OF SECTION

Owner Design Requirements
Issued for Bid/Construction
January 1, 2022

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