SECTION 144216 - VERTICAL WHEELCHAIR LIFT

1. GENERAL
   * + 1. SUBMITTALS
          1. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.
          2. Manufacturer’s installation instructions shall be provided along with product data.
          3. Submittals shall be provided in the order in which they are specified and tabbed (for combined submittals).
          4. Waiver of Submittals: The “Waiver of Certain Submittal Requirements” in Section 013300 does not apply to this Section.
          5. Submittals Package: Submit the shop drawings product data, samples, and quality control submittals specified below at the same time as a package.
          6. Shop Drawings:

General layout showing required clearances.

* + - * 1. Product Data:

Catalog sheets, specifications and installation instructions.

Name, address and telephone number of nearest fully equipped service organization.

* + - * 1. Quality Control Submittals:

Installers Qualifications Data: A list of at least 5 comparable installations which have been in satisfactory operation for 3 years.

* + - * 1. Contract Closeout Submittals:

Test Reports: Acceptance Test Report.

* + - 1. QUALITY ASSURANCE
         1. Installers Qualifications: The Work of this Section shall be performed by a Company regularly engaged in the installation of lifts having speed, capacity and control equipment equal to equipment specified. Installations shall have been in satisfactory operation for not less than 3 years.
      2. DELIVERY, STORAGE, AND HANDLING
         1. Packing and Shipping: Protect equipment and exposed finishes during transportation and erection against damage.

1. PRODUCTS
   * + 1. VERTICAL WHEELCHAIR LIFT

Fill in blank spaces in paragraph below as required. Delete underlines before entering the information.

* + - * 1. Thyssen Krupp Access model \_\_\_\_\_\_\_ with the following:

Load rating: \_\_\_\_\_\_\_.

Travel Distance: \_\_\_\_\_\_\_.

Platform Size:\_\_\_\_\_\_\_\_\_\_.

Screw drive type operation.

Lift should be designed to operate on 120 volt, single phase power.

Relay logic based controls (non-PCB).

ADA minimum 36” Platform Width.

Call send controls labeled “UP” and “DOWN” (to allow operation of lift from either landing):

Mount controls on door frames of enclosure at top and bottom landings. Run control wiring in raceway or frame of unit.

Controls shall be of continuous pressure type.

Platform Operating Panel:

Main control: continuous pressure type switch labeled “UP” and “DOWN”.

Emergency Stop Switch: Red, permanently marked “STOP” and shall indicate both “STOP” and “RUN” positions.

Audible Signaling Device: can have separate illuminating switch marked “ALARM”, or can be wired to “STOP” switch.

Stop switch shall then also be labeled “ALARM”.

Stop switch shall then illuminate when activated.

Means of two-way-communication: Not required.

Top landing gate arranged with a 42 inch high self closing gate.

Gate shall be of transparent material.

Lower landing door arranged with a 72” high self closing door.

Door shall be of transparent material.

Electro-mechanical interlocks arranged to allow gates to be opened only when platform is at landing.

Lift Finish: Weatherproof baked enamel, company standard color.

Delete subparagraph below if unit without enclosure is specified.

Enclosure Finish: Frame to match lift, with transparent panels.

Access Signs, at both landings:

Size: Minimum 6 x 6 inches.

Material: Plastic laminate.

Message: International symbol of access.

Colors: Blue background with white symbols.

Lettering: Sans-Serif Gothic (Helvetica Semi-Bold).

Restriction Sign: “No Freight” in letters not less than .25” high.

Data Plate: Provided by the manufacturer and securely fastened to the machine, with letters and numerals not less than .25” high, stating:

Rated Speed

Rated Load

Weight of Platform

Suspension and Support Means

Date of Manufacture

Manufacturer’s Name

1. EXECUTION
   * + 1. INSTALLATION
          1. Install vertical wheelchair lift in location indicated on construction drawing and in accordance with the Company’s printed specifications and recommendations.
       2. FIELD QUALITY CONTROL
          1. Acceptance Test:

Supply materials and instruments required for tests.

Normal Operation Test: Run lift, in both up and down direction, by normal operation devices, with full load, stopping at each landing served.

Limit Switches: Test limit switches. (Lift should not move).

Interlocks: Test for proper operation.

Perform tests in the presence of Director’s Representative.

Submit a typewritten report of the test results, signed by the Director’s Representative. Enclose a copy of the report in a metal frame covered with plastic sheet glazing and mount it at a location near the lift as directed.

END OF SECTION 144216