

STANDARD SPECIFICATION
JANUARY 2010

DIVISION 14

SECTION 14C WHEELCHAIR LIFTS

14C.01 GENERAL: Comply with all of the Contract Documents.

14C.02 SCOPE OF WORK: Refer to "Division Scope of Work"

14C.03 WORK NOT INCLUDED

A. The following items are excluded from the work of this Section:

1. Masonry by Section 4A.

14C.04 QUALITY ASSURANCE

A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.

B. Use products produced by manufacturers regularly engaged in the business of manufacturing, installing and servicing wheelchair lifts of the type required by this Section of these Specifications and with a history of successful production acceptable to Architect/Engineer.

C. Codes and Standards

1. In addition to complying with pertinent regulations of Governmental Agencies having jurisdiction, comply with:
 - a. Local Law 58/87 specifically Section 4.10 and all references made by that section.
 - b. ANSI C1, "National Electrical Code."
 - c. An approved waiver to certain specific requirement of Section 4.10 of ANSI A117.1-1986 (if applicable) must be filed with the Department of Buildings.
2. Terms used in this Section have the meaning defined in the ANSI Code.
3. In cases where a device or part of the equipment is referred to in this Section by the singular number (such as "motor"), it is intended that such reference applies to as many such devices as are required to complete the installation.

14C.04 SUBMITTALS

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- A. Product date: Within 35 calendar days after the contractor has received the Architect's/Engineer's Notice to Proceed, submit:
1. Materials list of items proposed to be provided under this Section.
 2. Manufacturer's specifications and other data needed to provide compliance with the specified requirements.
 3. Shop drawings in sufficient detail to show fabrication, installation, anchorage and interface of the work of this Section with the work of adjacent trades.
 4. Manufacturer's recommended installation procedures which, when approved by Architect/Engineer, will become the basis for accepting or rejecting actual installation procedures used on the work.
- B. Upon completion of this portion of the work and a condition of its acceptance, deliver to Architect/Engineer three copies of an operation and maintenance manual compiled in accordance with the provisions of Section 1, and containing, in addition to other prescribed data:
1. Copy of the proposed plans that have been approved by the Buildings Department.
 2. Sequence of operation of controls.
 3. Operating instructions, including complete details, adjustments and instructions related to the controls and movement of the systems.
 4. Parts list.
 5. Lubrication requirements.
 6. Maintenance requirements for all equipment.

14C.05 GENERAL REQUIREMENTS

- A. Painting: Exposed metal work furnished by the contractor under these specifications shall be properly painted after installation except as otherwise specified.
- B. Storage: A dry and protected area, conveniently located to be wheelchair lift hoist-way, will be assigned to the contractor without cost, for storage of his material and tools.

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- C. Temporary Service: Should the service of any wheelchair lift be required before completion and final acceptance, permission in writing must first be obtained from Architect/Engineer. In addition, the user agrees to sign the contractor's temporary acceptance form and be bound by the terms and conditions thereof.
- D. Maintenance Service: The contractor shall furnish maintenance and call-back service on each wheelchair lift after it is completed and placed in operation for a period of one (1) year. This service shall consist of examinations of the equipment, adjustments, lubrication, cleaning, supplies and parts to keep the equipment in proper operation, except such adjustments, parts or repairs made necessary by abuse, misuse or any other causes beyond the control of the contractor. All work will be done by trained employees of the contractor during regular working hours of the trade.
- E. Wheelchair lift Contractor shall file the necessary plans and applications with the Department of Buildings, The Department of Water Supply, Gas and Electricity and obtain the required permits and approvals. All work shall be done in a neat and workmanlike manner, and in accordance with the rules and regulations of any Department having jurisdiction.
- F. Warranty: The contractor shall warrant the equipment installed by him under these specifications against defects in materials and workmanship and will correct any defects not due to ordinary wear or tear or improper use or care which may develop within one year from the date each wheelchair lift is completed and placed in operation. The warranty is not intended to supplant normal maintenance service and shall not be construed to mean that the contractor will provide free service for periodic examination, lubrication, or adjustment due to normal use, beyond that included in the specifications; or will the contractor correct, without charge, breakage, mal-adjustments, or other trouble arising from abuse, misuse, improper or inadequate maintenance, or any other causes beyond his control. If there is more than one unit in this specification, this section shall apply separately to each unit as completed and placed in operation.
- G. The wheelchair lift contractor shall obtain (if any) all wheelchair lift Violation Dismissals from the Department of Buildings pertaining to Violations on file. Any additional Violations must be brought to the attention of Architect/Engineer for Compliance.

14C.06 BIDDERS QUALIFICATIONS

- A. In the interest of unified responsibility, the wheelchair lift contractor shall be one regularly engaged in the business of manufacturing, installing and servicing wheelchair lifts of the type and character required by these specifications and he shall manufacture the entire (power unit, controller, machine, generator, safety, controller, governor) and all other parts of the equipment including door operators and signal fixtures and he shall so state in his request for approval listing the items he manufactures. A representative of a national manufacturer will be considered a qualified contractor providing the manufacturer produces the specified items.

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- B. Where a contractor proposes to use an item of equipment other than that specified or detailed on the drawings which requires any redesign of the structure, partitions, foundations, piping, wiring, or of any other part of the mechanical, electrical or architectural layout, all such redesign and all new drawings and detailing required therefore shall, with the approval of Architect/Engineer, be prepared by the contractor at his own expense.

14C.07 DESCRIPTION OF EQUIPMENT

The wheelchair lift shall be equal to Concord PAL EXT Exterior weather resistant package with the following features:

- A. Emergency Battery Powered Lowering and Raising
- B. Smooth and Quiet 1:2 Cable Hydraulic Drive System
- C. Aluminum Car Frame with Baked Polyester Electrostatic Paint Finish
- D. Emergency Manual Lowering Device
- E. Slack Cable Safety Device
- F. Skid Resistant Flooring
- G. Automatic Battery Recharging System
- H. Detachable Platform Base and Sling
- I. Emergency Cab Light
- J. Cab Handrail

Power	110 Volt Converted to 24 Volt DC
Drive Type	1:2 Cable Hydraulic
Rated Load Capacity	750 lbs. (341 kg)
Platform Dimensions (Clear)	35" (890 mm) W x 54" (1372 mm) L
Emergency Backup Device	Battery Operation and Down Direction
Control System	Key Controlled Constant Pressure
Rated Speed	15 feet per minute (.08 m/ s) (nominal)

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14C.08 GUARANTEES

- A. Guarantee all items of work furnished and installed under this Section for (1) one year, in addition to manufacturer's standard warranties. All guarantees to be from the date, when **Final Certificate of Occupancy** is issued from Department of Buildings.

END OF SECTION