



5299 Enterprise Drive Lockport, NY 14094
Toll (800) 660-2629 Local (716) 434-1300 Fax (716) 434-7770
www.liftavator.com

PROVISIONS / WORK BY OTHERS – LIFTAVATOR (RESIDENTIAL)

Customer, or customer's contractor, shall be responsible, at the customers expense, for the following prior to the commencement of work by the elevator contractor.

- 1) Finished hoistway plumb within 1/2" from top to bottom, and conforming to the dimensions indicated on the layout drawings provided. All walls and side members must be square and extend from pit floor to the ceiling of the shaft. Inside surface of the hoistway must be flush. Interior of hoistway and doors should be finished prior to the installation of the lift. Hoistway must be constructed in accordance with ASME A17.1 and all state and local building code requirements.
- 2) Adequate supports shall be provided for fastening rail brackets as indicated on the layout drawings. Supports must withstand rail forces indicated. The elevator contractor is not responsible for the structural design of the building and its ability to support the elevator loads and/or reactions.
- 3) Where wood frame construction is used, tripled 2" x 6" on each side of inserts, spaced as indicated on the layout drawings, and extending the full height of the hoistway are recommended. Please consult the project architect for design specs.
- 4) For masonry walls, inserts shall be provided by the elevator contractor and installed by the general contractor.
- 5) Total travel distance from finished bottom floor to finished top floor must be held within 1" of that shown on the layout drawings.
- 6) Overhead clearance: (top floor to underside of hoistway ceiling or obstruction) to be maintained per the layout drawings. If any of the shaftway dimensions cannot be achieved, contact the factory for alternate arrangements.
- 7) A poured pit conforming to the dimensions indicated on the layout drawings must be provided. The pit must be designed for the impact load indicated and must be dry and level from wall to wall.
- 8) A sump pump and sump pump hole with cover is recommended in the elevator pit where water seepage is encountered. A G.F.I. receptacle is required. If a sump pump is furnished. Coordinate location with the elevator contractor.
- 9) A pit light with switch to be provided and installed.
- 10) All screens, railings, steps and ladders as required for a legal hoistway.
- 11) Barricades outside all hoistway openings for protection shall be provided by and installed by general contractors.
- 12) 3'0" x 6'8" swing doors, with 1 1/2 hour fire rating, with stainless hall stations, to be provided as optional equipment and installed by general contractor. Door closers or spring loaded hinges are included. Provide a sill support to be full width of the hoistway on optional 2 speed hoistway doors. A 5" x 5" sill angle (supplied from elevator manufacturer) to be installed by the contractor as per layout plan.
- 13) Clearance between hoistway door and sill must not exceed 3", nor 5" between hoistway door and car gate per ASME A17.1.
- 14) All wall patching, painting, and grouting by others. The main disconnect shall be located within sight of the lift on the first level, outside the lift shaft.
- 15) An adjacent machine room built to conform to the layout drawings, N.E.C., ASME A17.1, and all state and local code requirements. It shall have suitable access, a self-closing/self-locking door, a convenience outlet and light switch. Machine room temperature must be maintained between 60 and 90 degrees F. Relative humidity not to exceed 95%.
- 16) A 120V, single phase, (30AMP @ 5HP) service, with neutral, to a lockable safety disconnect switch fused with time delay fuses (25 AMP) shall be furnished in accordance with N.E.C. A normally open electrical interlock contact is required in the switch for battery isolation.

5 Horsepower source for single phase heavy-duty switches (or equal): square 'D' CAT. #H222N, electric interlock EK-300-1. ITE CAT. #SN-322, electrical interlock #SC-5. Cutler hammer CAT. #DH222NGK, electric interlock #DS200EK1).
- 17) 120 VAC single phase 15 amp service to a lockable, fused disconnect switch or circuit breaker located in the machine room shall be provided for the cab lighting in accordance N.E.C.
- 18) A separate (dedicated) telephone line to the machine room and tied into the elevator controller as per ASME 17.1 code.
- 19) Machine room fence if required by local code.
- 20) Knock out or a 6" PVC sleeve between the machine room and elevator hoistway for routing hydraulic and electrical lines shall be coordinated with the elevator contractor.