



Luxury Lift LLH 950 Hydraulic Elevator Work by Others

Residential Elevators, LLC
Mailing Address:
2910 Kerry Forest Parkway, D4-1
Tallahassee, FL 32309
PH 1-800-832-2004 FAX 1-850-926-5319
ResidentialElevators.com

Prior to job site arrival for installation of elevator, REI requires the following work by others to be completed.

ELEVATOR HOISTWAY: Provide an enclosed finished **LEGAL** hoistway with **INSIDE CLEAN, DRY, CLEAR, SQUARE AND PLUMB** (including pit) dimensions recommended to be a minimum of 52 inches wide by 57 inches deep (52" X 57") including blocking, which will provide an interior cab dimension of approximately 12 square feet (As detailed in Plan View-HP1). Additional Hoistway Plans are available at www.residentialelevators.com or by contacting your local Sales Rep. RE will build to your specifications if smaller than the above, but only to the smallest dimension inside the clean, clear, square and plumb (including pit) finished hoistway (plywood walls preferred). Barricades and/or any/all other legal methods required by any jurisdiction to prevent access into shaft shall be required outside each floor landing for the protection of workmen and all other subcontractors and/or occupants until the elevator is installed completely and turned over to home owner. These devices shall be the sole responsibility of GC. **GC TO PROVIDE SOLID CORE HOISTWAY/LANDING DOORS WITH HINGES LOCATED ON RAILSIDE, properly installed to comply with A17.1.**

"3 X 5" RULE (Clearance between hoistway/landing doors and gates AND landing sills): DOOR SIDE WALL TO BE OF 2" X 4" CONSTRUCTION. Regardless of construction type, EACH DOOR MUST BE RECESSED TO MEET THRESHOLD REQUIREMENTS AS CONTAINED IN THE ANSI A17.1 (3" X 5" SPACING CODE). The distance between the backside of hoistway/landing door, in the closed position, and the elevator gate(s), in the open position, shall not exceed 5 inches. The distance between the backside of hoistway/ landing door, in the closed position, and landing sill shall not exceed 3 inches. **ELEVATOR CANNOT BE OPERATIONAL UNLESS LANDING DOORS ARE IN COMPLIANCE** (See Page 3 of this Contract for further information).

THRESHOLD: Contractor shall provide a threshold from each floor to within 1/2" minimum to 1-1/2" maximum of the elevator platform AFTER the elevator has been installed. Doors shall NOT be centered but installed per RE specs to allow proper rail side return measurement. Rail Side return measurement of at least 12 inches is required. Hoistway side of landing door frames shall NOT have casing or door trim that exceeds 1/4" thickness.

A MINIMUM PIT OF 8" INCHES IS REQUIRED built to withstand 3,900 lb impact load. Minimum 96" overhead clearance is required for 6'-8" cabs (108" for 8'-0" cabs.)

ANY TRAVEL DISTANCE over 28'-0" requires a special piston which requires installation during framing stage due to piston length. Contractor to allow RE four (4) weeks notice to order, deliver and install "Hydraulic Jack" prior to sheetrock.

WOODFRAME HOME BLOCKING REQUIREMENTS: Four (2 sets of 2 ea.) – 2" X 12" yellow pine studs running vertically the entire length of the hoistway 12" on center on either side of rail wall centerline (centerline of rail wall must be minimum of 28" off inside front wall), 2" x 12" to be face nailed, glued and edged with 2" x 4" for structural integrity. The yellow pine boards shall all be fastened to the wall supports with 3/8" by 2-1/2" lag bolts to support elevator rail system. To insure adequate support in wall for guide rail fastening the blocking should not exceed 12 vertical feet without intermediate horizontal support and shall meet all pertinent building codes (see blocking detail on page 3).

CONCRETE BLOCK HOME OR HOISTWAY: All dimensions shall remain the same for **INSIDE LEGAL, CLEAN, DRY, CLEAR, SQUARE AND PLUMB** hoistway. Rail sidewall blocks shall be filled solid with concrete the entire length of hoistway. One (1) 4" Knockout shall be provided between hoistway and machine room. All patching, fire caulking, painting/grouting required after installation is the responsibility of GC.

MACHINE ROOM: An elevator machine room shall be provided by the contractor. **UNLESS OTHERWISE SPECIFIED, MACHINE ROOM IS ASSUMED TO BE AT LOWEST LEVEL ADJACENT TO ELEVATOR.** This area shall be a minimum size of 4' X 4' and to meet all electrical codes. Contractor/Owner is responsible for notifying RE if Machine Room is located within a Flood Zone and contractor is responsible for building platform or room above Flood Zone per RE specifications. If machinery is located in attic, a deck must be built to support loads imposed by unit (Contact RE for Details). Accessibility for service and installation should be provided with minimum height of 60 inches including catwalk to deck area, scuttle hole and attic ladder. Attic not recommended for hydraulic installations. If machine room is remote (not rail side adjacent) Contractor is responsible for coordinating the timely installation of 3/4" seamless schedule 80 black pipe. RE will install, but must have ample time and access.

ELECTRICAL: One 240 Volt AC 30 Amp dedicated service 10-3 wire with ground in 4x4 electrical box and one 120 Volt AC in service in 4x4 electrical box, 20 Amp (both with eight feet of length from inside machine room wall penetration) and telephone line shall all be located in machine room. **POWER ON THE 240V LINE MUST BE A 10-3 WIRE WITH A GROUND AND INSURE THERE IS A DEDICATED NEUTRAL TO THE UNIT.** Explanation: The 240V feed should have a black, red, white and ground wire coming to the machine room. All electrical contractors will have full knowledge of this requirement. Simply insure they are aware of the requirement. Black and red are powered with 120V each totaling 240V. White is neutral to feed low voltage transformer with 120V. Ground to ground standard (See RE electrical requirements sheet.).

General Contractor and Owner shall defend, indemnify against and hold RE harmless for all claims subject to this "Work Done by Others". Cancellation fees apply; see RE Representative for details. ANY WORK DONE BY OTHERS HEREIN NOT FULLY COMPLETE PRIOR TO TIME OF INSTALLATION SHALL RESULT IN A REMOBILIZATION FEE OF \$750. NOTE: INFORMATION SUBJECT TO CHANGE WITHOUT NOTICE.

Authorized Signature

Print Name

Date

January 2012