

## LEV ELEVATOR

### PREPARATORY WORK BY OTHERS

#### Hoistway Construction:

- Provide substantially level pit floor slab to support elevator loads
- Provide minimum 8" deep pit (12" preferred), but no greater than 24" deep. Pit depth must be established before ordering elevator.
- Provide an enclosed, **plumb and square** hoistway with smooth interior surfaces to meet applicable fire code.
- Owner responsible for ensuring hoistway construction can carry the reaction loads of the elevator.
- Finished hoistway dimensions to be per elevator shop drawings.
- Provide adequate blocking at rail bracket locations per elevator shop drawings.
- Entire face of rail wall to be covered with ¾" fir plywood underneath the sheetrock (if space allows).
- Provide rough openings at landing entrances per elevator shop drawings
- Provide doors (width & height of elevator car opening), frames and hardware. Doors to be aligned and installed by others during elevator installation so that interlocks can be installed by Mobility Concepts.  
**Note:** Per elevator code, the backside of landing doors must be within 3" of the landing sill (i.e. hoistway edge). Typically a 4 9/16" jamb with a 1 ¾" door will meet this requirement. (not applicable in Idaho)
- Provide minimum overhead clearance of 102" (distance from floor at upper level to underside of hoistway ceiling).
- After elevator cab has been installed, complete installation of landing doors/frames/hardware, including finish sheetrock and/or trim.
- Fire taping/caulking around all elevator equipment penetrations in the hoistway.
- Provide service access hatch (18" x 24" min.) at top of hoistway for access to equipment. (Between trusses for access through attic)
- Provide lifting attachment at top of hoistway for hoisting elevator equipment (300# equipment to be hoisted). Ideally this can be located in attic over the service access hatch.
- Furnish telephone for cab. Slimline style required if recessed cabinet used.

#### Electrical Work:

- Arrange for dedicated power supplies to the vicinity of the controller (top of hoistway) prior to delivery of the unit (both 115V and 220V). The 20 amp, 220V circuit, with neutral and ground, and a 15 amp, 115V dedicated circuit shall be terminated near the elevator controller. All electrical to disconnects shall be provided and installed by others. (2002NEC-620.22, or current code)
- Provide GFCI duplex receptacles and lights to hoistway ceiling on a separate branch circuit. (2002NEC-620.23 and 620.24, or current code).. Lights shall have minimum 10 foot candles with guard and with switch located within 18" of access hatch door.
- Provide telephone service to machine space for connections to elevator controller.