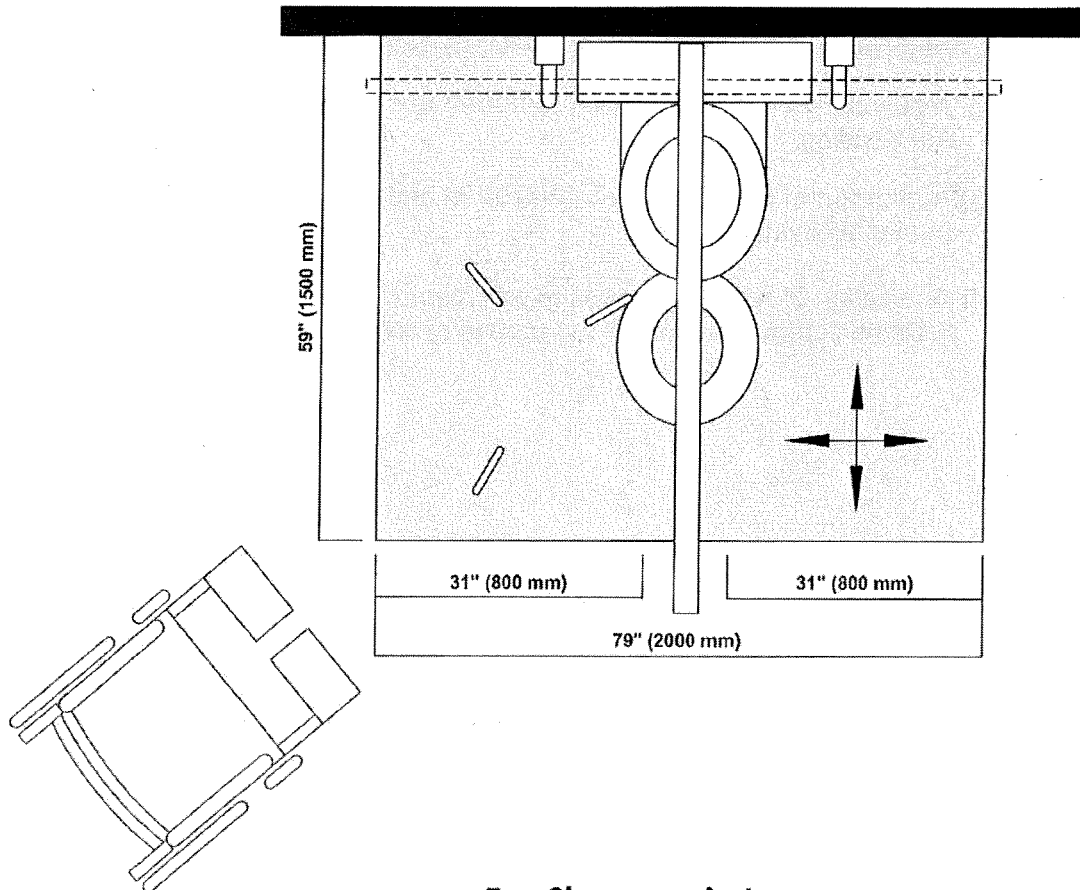


## After Installation Checklist for Ceiling Mounted Patient Lifts

The commissioning for a patient ceiling lift system(s) shall include, but not be limited to, the following points as components of the commissioning procedures. Proper personal protection equipment (PPE) shall be worn by staff during these commissioning procedures. **Verify that ceiling lifts are not installed in treatment units with actively suicidal patients.**

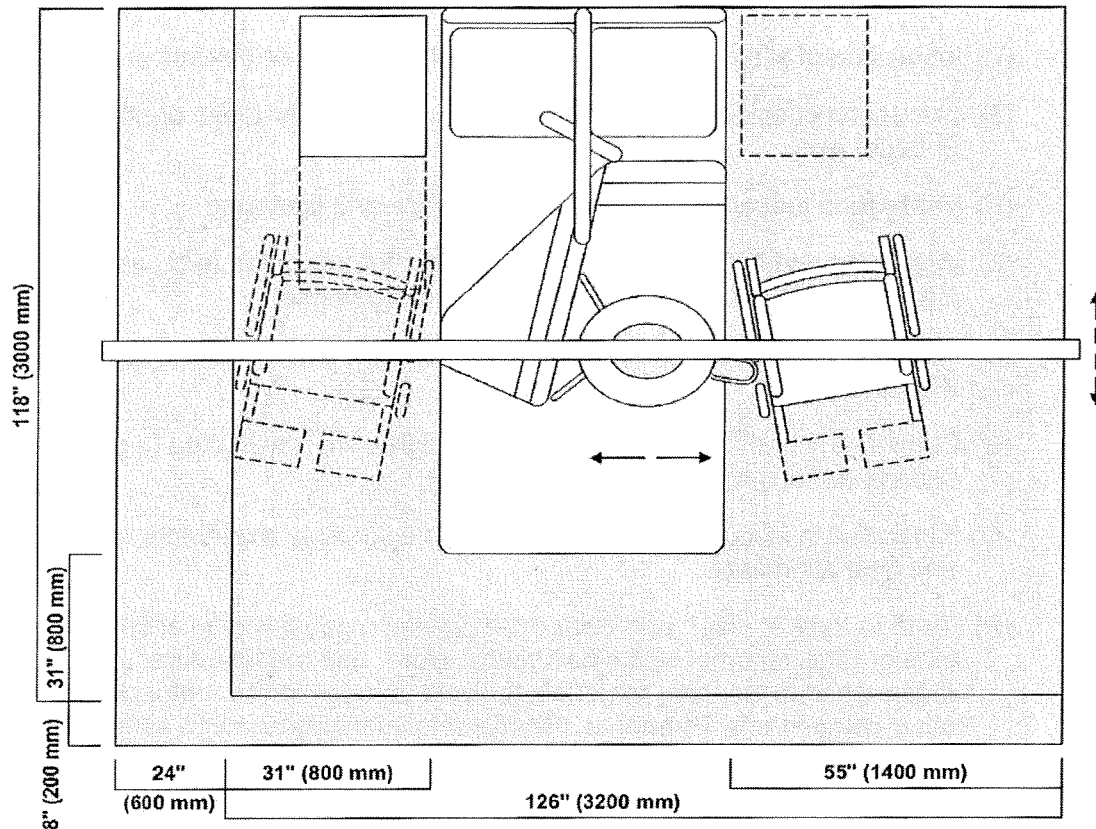
- (A) Refer to manufacturer's specific model and specifications to verify all location information, including minimum clearances for operation are compliant. If clearance information is not provided, refer to illustrations below; suggested clearances are 31 inches beside toilet and 55 inches beside a bed.



**For Clearance in Lavatory**

**ATTACHMENT 2 (continued)**

- (I) Inspection of sling material and sling stitching for loose threads or frays.
- (J) Inspection of spreader bar and clips for cracks and for loose or missing rings or cotter pins.
- (K) Verification that all rail end stops are in place and tightened.
- (L) Inspection and activation of hand control for full operation (e.g., up, down, left, right) and "return to charge" function if applicable.
- (M) Inspection and activation of emergency up/down motor case control buttons if applicable.
- (N) Confirm any and all motor case indicator lights are functioning (e.g., red service warning light, charging state light).
- (O) If included in installation, verify rail turntable function, exchanger function, and gate alignment.
- (P) Confirm track is clean and clear of all debris (suggest wiping entire length of interior track channel with a soft cloth). Note: Use manufacturer's recommended cleaning materials to avoid damage to the motor case and other components. Phenol or chlorine solutions may damage some motor case surfaces.
- (Q) Verification of any "soft start" or "soft stop" features and that lifting speed does not exceed 2.5 inches per second with "zero" load.
- (R) Verification of load testing and deflection testing at lift listed maximum for each lift unit at its maximum rated lift capacity. Conduct this test in three progressive stages starting with a 100 lbs load, then 50% of maximum rated lift capacity, then 100% of maximum rated lift capacity.
- (S) Verification of any "soft start" and "soft stop" features and that lifting speed does not exceed 1.5 inches per second under maximum rated lift capacity.
- (T) Verification of function of emergency brake at maximum rated lift capacity.
- (U) Verification of emergency lowering feature at maximum rated lift capacity.
- (V) Inspection of units by Contracting Officer's Technical Representative (COTR: Maintenance & Repairs, Facilities Engineering Services, Biomedical Engineering, or Safety) prior to release of lift(s) to clinical use.
- (W) Training of clinicians and other staff who move and handle patients on the use of patient handling equipment is accomplished by the manufacturer or their designated representative. Training is documented and competency verified prior to release for use with patients.

**ATTACHMENT 2 (continued)****For Clearance in Patient Room**

- (B) Manufacturer information, including model and serial number(s).
- (C) Confirm receipt of operator and maintenance manuals.
- (D) Verification of proper connections of structural system to the building's structure including seismic bracing if applicable.
- (E) Verification of proper structural component sizing and physical installation to make sure that proper structural system and size is in place and properly installed to support the lift.
- (F) Verification of proper interface of lift unit at ceiling (hard deck or soft tile) and proper installation of all protective features around the support rods and rails/tracks.
- (G) Inspection of lift motor casing for cracks and alignment.
- (H) Full extension and inspection of lift strap for loose threads or frays.