

# DROP IN ANCHOR DETAIL COMMERCIAL SERIES LIFTS INSTALLATION MANUAL



Drop In Anchor/COMMERCIAL SERIES

# DROP IN ANCHORING SYSTEM COMMERCIAL SERIES LIFTS

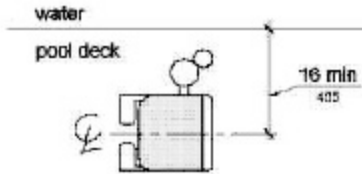
## PACKING LIST

- 3 – Drop In Anchor's
- 3 –  $\frac{3}{4}$ "x 1" Bolts
- 1 – T – Shaped Template
- 3 – Black Caps

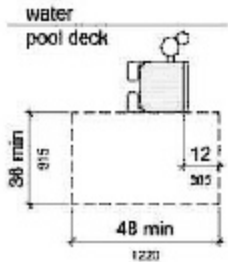


## ADA GUIDELINES FOR POOL LIFT PLACEMENT

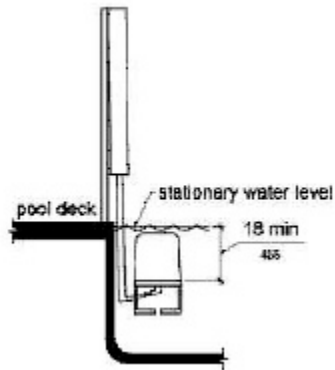
- Pool Lift Location. Pool lifts shall be located where the water level does not exceed 48 inches (1220 mm).  
Seat Location. In the raised position, the centerline of the seat shall be located over the deck and 16 inches (405 mm) minimum from the edge of the pool. The deck surface between the centerline of the seat and the pool edge shall have a slope not steeper than 1:48.



- Clear Deck Space. On the side of the seat opposite the water, a clear deck space shall be provided parallel with the seat. The space shall be 36 inches (915 mm) wide minimum and shall extend forward 48 inches (1220 mm) minimum from a line located 12 inches (305 mm) behind the rear edge of the seat. The clear deck space shall have a slope not steeper than 1:48.

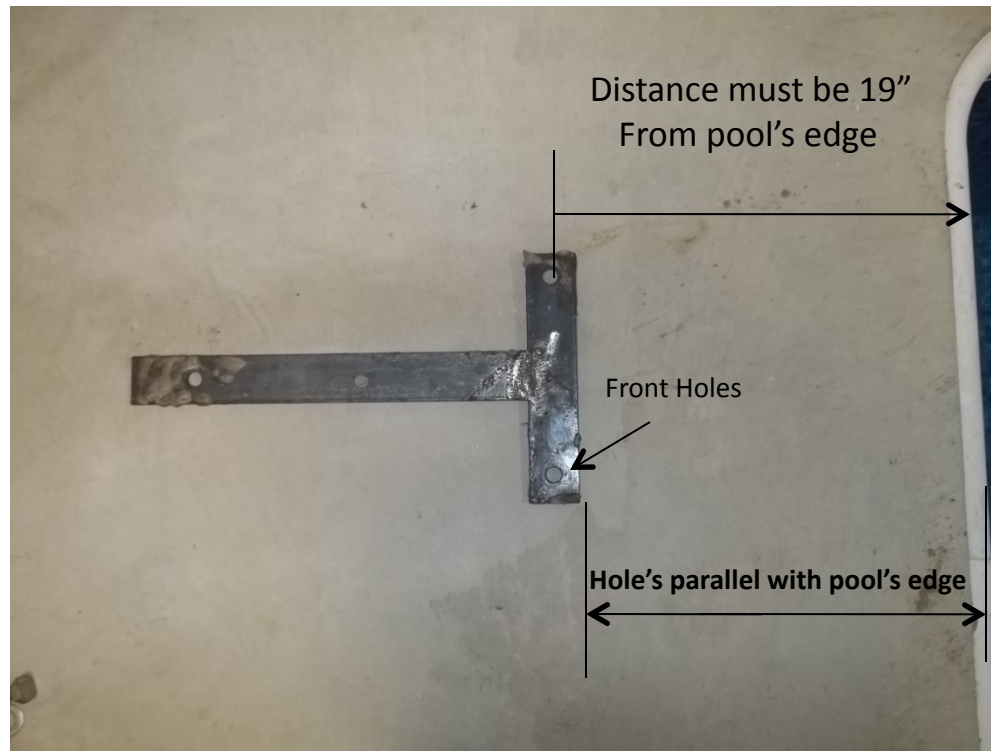


- Submerged Depth. The lift shall be designed so that the seat will submerge to a water depth of 18 inches (455 mm) minimum below the stationary water level. To make sure the lift has enough clearance the lift should be installed at a location with 44"-48" of Water depth



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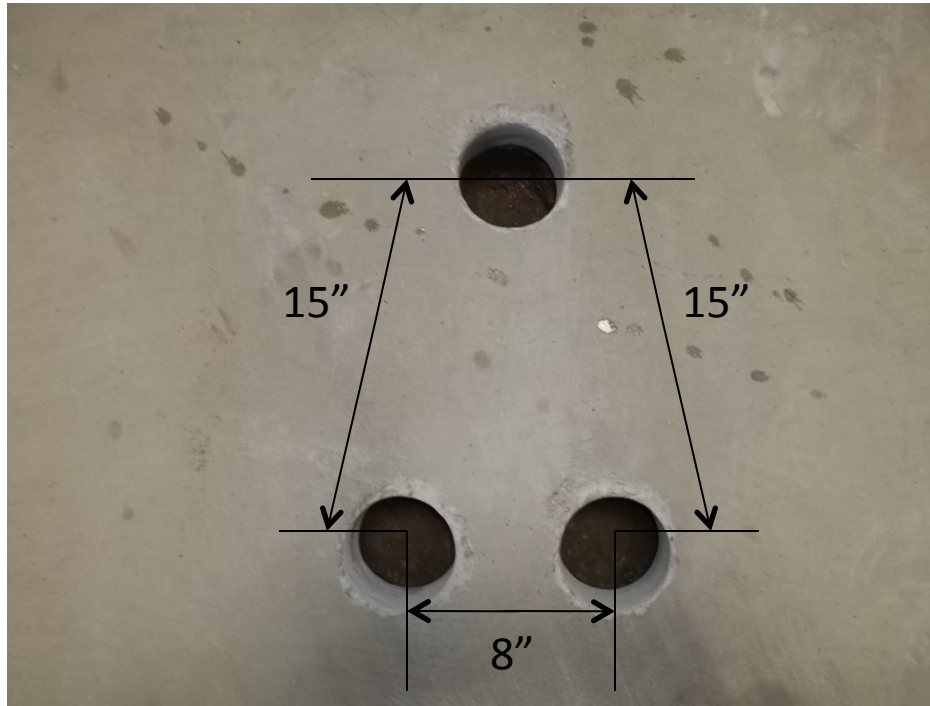




**STEP 1:** Locate the Drop In anchoring system template (included and shown above)

- Once you determine where your lift is going to be located place the template down So you can mark on the concrete where you will need to drill the holes.
- The dimensions are as follows: The front holes (centerline) must be 19" From the pools edge. Also make sure that the front holes are parallel to the pools edge.

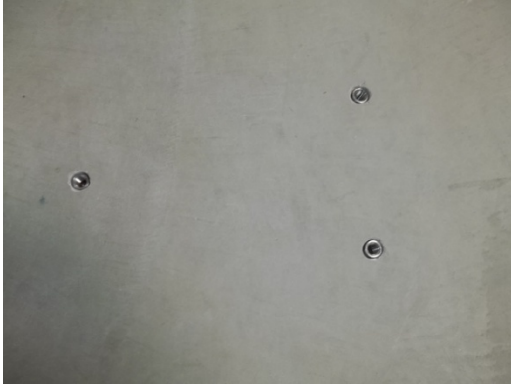




**Step 2:** You will need a 7/8" rock carbide drilling bit.

- Make sure you have accurately marked your hole location to be drilled. After drilling Your holes they must be 2 1/2" deep. Double check your measurements they should be:  
Front holes 8" from centerline from hole to hole (see above). The measurement from front to back should be 15" from Centerline of each hole (see above). Clean hole with pressurized Air or a vacuum.





Picture A



Picture B

### STEP 3:

- Drive the anchor flush with the surface of concrete (shown in picture A)
- Expand the anchor with the setting tool (provided). Anchor is properly expanded when shoulder of the setting tool is flush with the top of the anchor (shown in picture B). Now you are ready to install your Commercial Series Lift.

