



## TYPICAL INSTALLATION

NO SCALE

\* MAY VARY ACCORDING TO ARCHITECT

## INSTALLATION INSTRUCTIONS:

- NOTE. Work is to be performed by a qualified electrician in accordance with local and/or national codes. Wrench the sensor head only at the hex base. Do not overtighten or damage may occur to the sensor head, O-ring seal and/or thread. For wiring at the fountain controller, refer to the schematic included.
1. Run approved 3/4" conduit from the fountain controller to the sensor location in the pool floor form. Stub-up the conduit so that the top of the brass nipple will be 3" below the waterline. If the distance to the fountain controller is more than 50', longer cables can be supplied.
  2. Securely thread the brass nipple into a 3/4" female adapter (supplied by others), on the end of the conduit. Cap or tape the brass nipple to prevent debris from entering the conduit during construction. Tie the conduit and brass nipple to the pool form and/or steel so that the nipple will be plumb and the top of the thread will be 3" below the waterline.
  3. Properly ground the nipple using the ground screw provided on the nipple seal ring.
  4. After the pool is finished, securely thread the brass sensor base on to the brass nipple. Pull the pre-wired sensor cable through the base and conduit from the brass nipple to the controller until the sensor head is almost to the sensor base.
  5. At the fountain controller, cut the sensor cable to the required length, strip the wires, and connect the wires to the terminal bar according to the schematic provided. In systems with multiple sensors, special care should be taken to insure that the proper connections are made.
  6. Remove the protective wrapping on the sensor head. Turn the sensor head counter-clockwise three complete turns and screw it clockwise into the sensor base. This should take approximately three turns, and if properly done will minimize any cable twisting at the sensor.
  7. Screw the sensor cap on to the sensor base to protect the probes. Do not overtighten or the threads may be damaged.



# LC200-P

## Low-Voltage Water Level Sensor & Brass Nipple

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