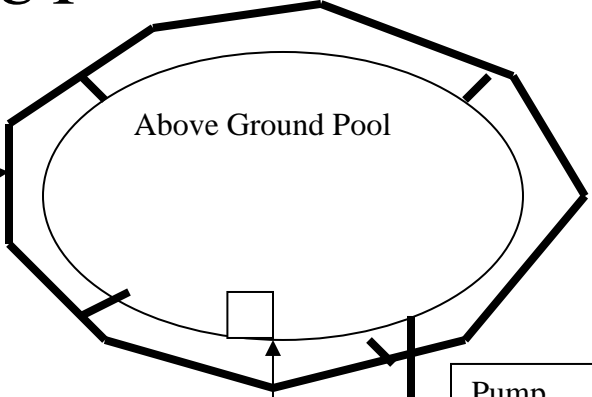


ABOVE GROUND POOL HANDOUT

Required #8 solid copper equipotential bond conductor must follow the entire contour of the pool. Only listed splices shall be permitted. The conductor shall be 18"-20" from the walls of the pool. The conductor shall be 4"-6" below grade. The bond shall be connected to the pool frame in four areas. When the frame of the pool is of non conductive material the walls of the pool must be bonded where the two seam of the walls are bolted together. The pump motor shall also bond to the pool frame with a #8 wire. Art 680.26(B)(2)(b). All **bugs and lugs used underground must be rated for DIRECT BURIAL (DB)**. The **(DB) lugs** must be terminated to the conductive pool frame or sidewall joint with **stainless steel nuts and bolts**.



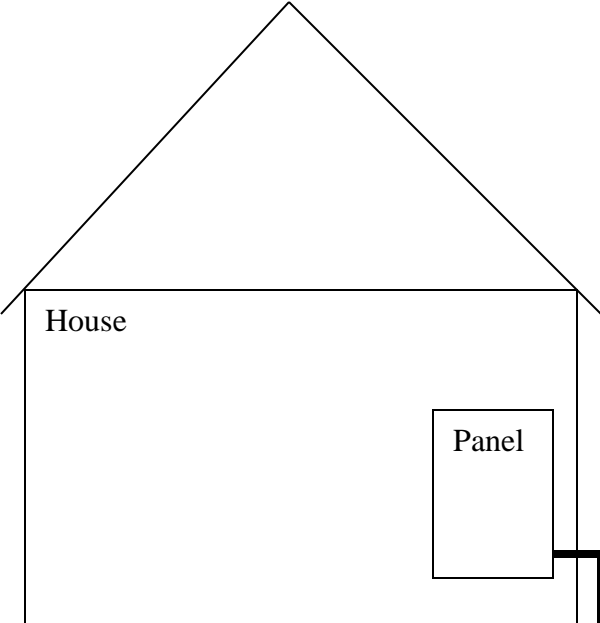
A UL listed **water bond** fitting must be installed in the skimmer box or in the water pipe to the pump motor.

Pump with not more than 3' of #12 cord

All conductors shall be copper. All outdoor receptacles covers shall be in-use (bubble cover) weatherproof type. #12 NM cable (**romex**) is a permitted wiring method **inside of the dwelling only**.

Single twist-lock pump receptacle located between 6' and 10' from pool. Art 680.22. A **timer must be installed** according to the '09' IECC 403.9.2.

General purpose GFI protected receptacle located between 6' and 20' from pool. Art.680.22(3)(4) The receptacle must be a **WR type**, The words WR will be stamped on the face of the receptacle.



$\frac{3}{4}$ " electrical PVC conduit and fittings. The burial depth is a minimum of 18". Conductors must be black, white and green, minimum #12 Type **THWN** copper on a dedicated 20 amp circuit. **Underground conductors must be THWN type wire. THHN is no longer acceptable to be installed in buried conduit.**