

Above Ground Swimming Pool Electrical Wiring 2011 NEC 680 & SPS 316

Does not apply to temporary (storable) pools or any pool 42" or less in water depth.

UF cable is prohibited as a feeder for pool pump motors. NEC 680.21

All receptacles must be GFCI protected and at least 6' from the pool wall. NEC 680.22

The pool pump motor receptacles are allowed to be 6'-10' away provided they are:

Single, locking type, GFCI protected. NEC 680.22 (A)(1)

At least 1 GFCI general purpose receptacle must be provided between 6' - 20' from the pool wall. NEC 680.22 (A)(3)

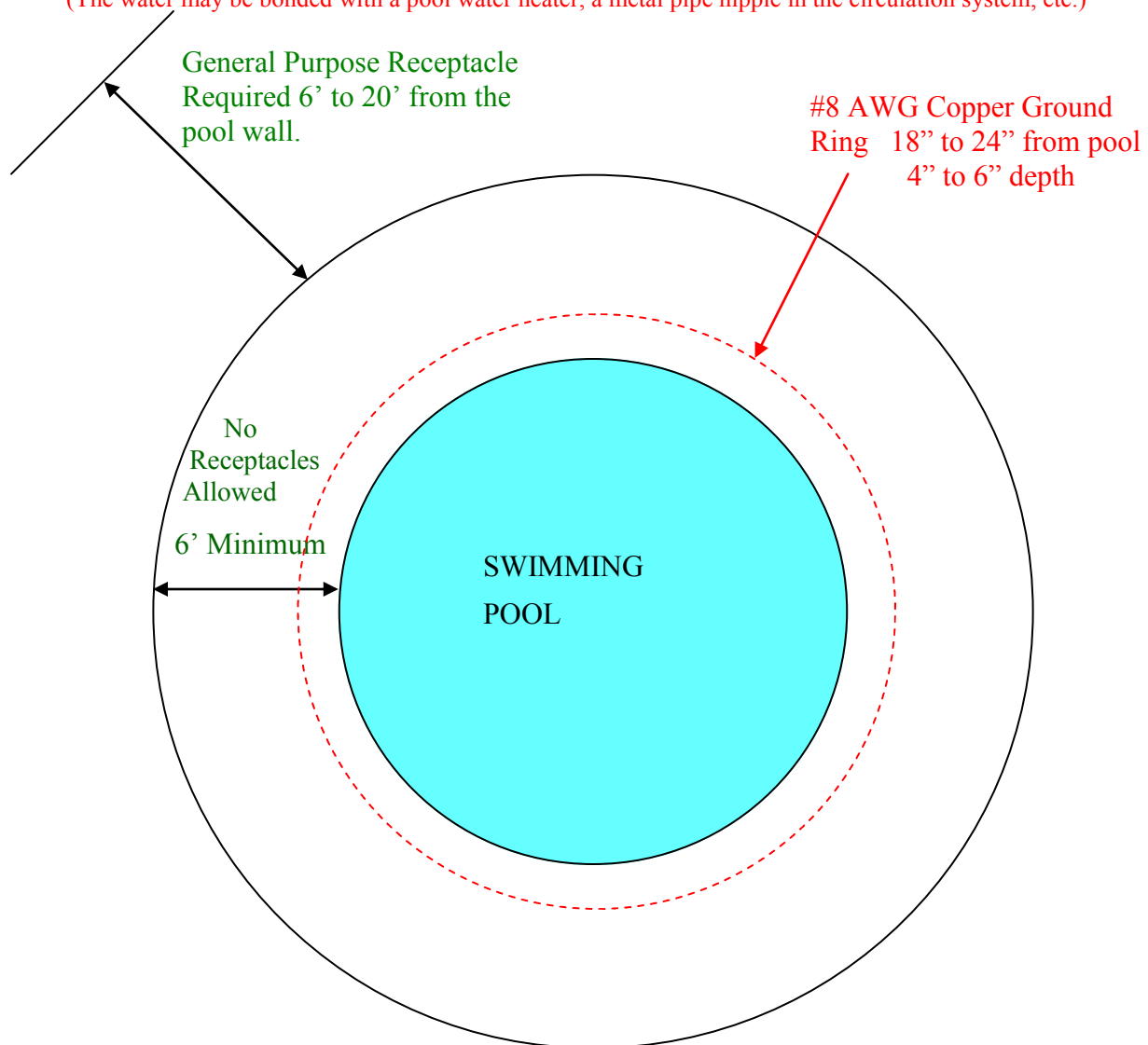
Overhead Wiring clearance from the pool wall is a minimum of 10'. NEC 680.8

Underground Wiring clearance from pool wall minimum 5'. NEC 680.10

A min. #8 AWG copper wire shall be installed around the pool 18" to 24" from the pool wall and 4" to 6" below grade. NEC 680.26 (B)(2)

The pool water shall be bonded to a minimum of 9 sq" of area. NEC 680.26 (C)

(The water may be bonded with a pool water heater, a metal pipe nipple in the circulation system, etc.)



"Vinyl liners shall be considered to be nonconductive materials" NEC 680.26 (B) (1)

"For nonconductive pool shells, bonding at 4 points shall NOT be required" 680.26 (B) (2)