
Swimming Pools and Hot Tubs

City of Saint Paul

Hot Tub, Outdoor (Section 65.915)

Standards and conditions:

All yards containing hot tubs shall be secured as required in section 65.923(d) or shall have a cover which shall be locked when the hot tub is not in use. A hot tub shall not be located in a required front or side yard, less than three (3) feet from any lot line, or in a public easement.

Swimming Pool, Outdoor (Section 65.923)

Any structure designed, constructed, or intended to be used for outdoor swimming, either above or below grade, with a capacity of twenty-four (24) or more inches deep and having one hundred fifty (150) or more square feet of surface area.

Standards and conditions:

- (a) There shall be a distance of not less than ten (10) feet between the adjoining property line and the outside of the swimming pool wall for aboveground pools. For in-ground swimming pools, there shall be a distance of not less than five (5) feet between the adjoining property line and the outside of the pool wall.
- (b) There shall be a distance of not less than four (4) feet between the outside swimming pool wall and any building located on the same lot.
- (c) A swimming pool shall not be located in a required front or side yard, less than ten (10) feet from any street or alley right-of-way, or in a public easement.
- (d) *Fence Requirements*
 - a. One and Two Family Structures: All yards of one- and two- family structures containing swimming pools shall be enclosed by an obscuring fence or wall not less than four (4) feet in height, maintained in a professional state of maintenance or repair, and shall be constructed such that no openings, holes or gaps in the fence or wall exceed four (4) inches in any dimension except for openings protected by a door or gate.
 - b. Three or More Residential Units/ Commercial Structures: All yards of residential structures of three (3) or more units and commercial structures containing swimming pools shall be enclosed by an obscuring fence not less than five (5) feet in height, maintained in a professional state of maintenance repair, and shall be constructed such that no openings, holes, or gaps in the fence or wall exceed four (4) inches in any dimension except for openings protected by a door or gate.
 - c. Sidewalls: Sidewalls greater than four (4) or five (5) feet in height on an above ground outdoor swimming pool are not a substitute for the appropriate fence or wall.
 - d. Gates: Gates shall be of a self-closing and self-latching type, with the latch on the inside of the gate, not readily available for children to open. Gates shall be capable of being securely locked when the pool is not in use.

Electrical

New electrical wiring for a swimming pool or hot tub requires an Electrical Permit and the wiring must be in conformance with the National Electrical Code, Article 680. For Overhead Conductor Clearances- see the back of this handout. Check with Electrical Inspector if there are any questions (651) 266-9003.

680.9 Overhead Conductor Clearances

(A) Power. With respect to service drop conductors and open overhead wiring, swimming pool and similar installations shall comply with the minimum clearances given in Table 680.9(A) and illustrated in Figure 680.9(A).

TABLE 680.9(A) Overhead Conductor Clearances

Clearance Parameters	Insulated Cables, 0–750 Volts to Ground, Supported on and Cabled Together with a Solidly Grounded Bare Messenger or Solidly Grounded Neutral Conductor		All Other Conductors Voltage to Ground			
	m	ft	0 through 15 kV		Over 15 through 50 kV	
			m	ft	m	ft
A. Clearance in any direction to the water level, edge of water surface, base of diving platform, or permanently anchored raft	6.9	22.5	7.5	25	8.0	27
B. Clearance in any direction to the observation stand, tower, or diving platform	4.4	14.5	5.2	17	5.5	18
C. Horizontal limit of clearance measured from inside wall of the pool	This limit shall extend to the outer edge of the structures listed in A and B of this table but not less than 3 m (10 ft).					

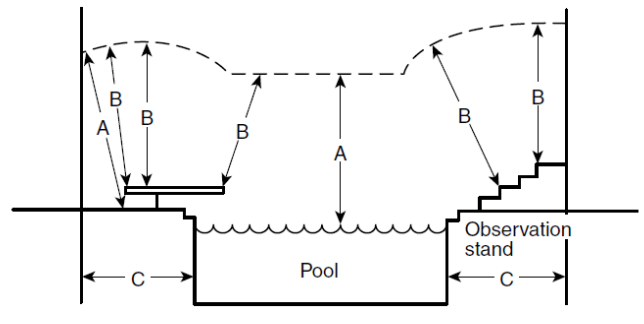


FIGURE 680.9(A) Clearances from Pool Structures.

(B) Communication Systems. Communication, radio, and television coaxial cables within the scope of Articles 800 through 820 shall be permitted at a height of not less than 3.0m (10ft) above swimming and wading pools, diving structures, and observation stands, towers, or platform.

(C) Network-Powered Broadband Communications Systems. The minimum clearances for overhead network-powered broadband communications systems conductors from pools or fountains shall comply with the provisions in Table 680.9(A) for conductors operating at 0 to 750 volts to ground.

680.11 Underground Wiring Location. Underground wiring shall be permitted where installed in rigid metal conduit, intermediate metal conduit, rigid polyvinyl chloride conduit, reinforced thermosetting resin conduit, or Type MC Cable, suitable for the conditions subject to that location. Underground wiring shall not be permitted under the pool unless this wiring is necessary to supply pool equipment permitted by this article. Minimum cover depths shall be as given in Table 300.5.