



# WASATCH

— C O U N T Y —

B U I L D I N G   D E P T .

## PLAN SUBMISSION REQUIREMENTS – SWIMMING POOLS

*PLEASE APPLY FOR YOUR PERMIT THROUGH OUR WASATCH COUNTY PLAN REVIEW PORTAL. THIS CAN BE ACCESSED THROUGH THE "BUILDING PERMIT SUBMISSION" TAB ON OUR WEBSITE*

THE FOLLOWING ITEMS MUST BE SUBMITTED FOR A COMPLETE PLAN CHECK:

1. Complete permit application form. Be sure to include:
  - a) Owner's correct information.
  - b) Project address.
  - c) General Contractor's name, license number, email address, business address & phone number. *(If owner-builder, complete "Owner-Builder" form.)*
  - d) Sub-contractor's name, license number, email address, business address & phone number.
    - i) You're not required to list a plumbing contractor if working with a closed system not connected to  
culinary water
2. Submit in electronic PDF a copy of the Bid/Cost of construction. This will need to be on company letterhead
3. Submit in electronic PDF format the site plan showing the location of the Swimming pool on the property. The site plan must:
  - a) Be drawn to scale.
  - b) Show locations of any existing buildings.
  - c) Dimension distances from pool to property lines and adjacent structures.
    - i) the pool must be set back at least 5ft from all property lines.
  - d) Show locations of any easements.
  - e) Show location and height of fence enclosure which must be at least 6' in height.(not required if using a pool cover)
    - i) Fences shall be 4ft from the nearest edge of the pool
    - ii) If using a cover, the cover must meet the specifications of ASTM F-1346-91
  - f) Show if pool will be a Closed or Open system. Note this on cover sheet or site plan
4. Submit electronic PDF plans. Plans should be drawn to scale and include:
  - a) A wet/electronic stamp & signature by engineer or provide a current ICC ER report on the pool.
  - b) A self-closing gate or provide specs for the pool cover
  - c) Details of reinforcing steel.
  - d) All new and existing windows within 5' of the pool water's edge within 60" of walking surface as safety glass.
  - e) A GFCI receptacle not further than 20' but not less than 10' from the inside pool wall.(Any existing receptacles in this area must also be GFCI protected)
  - f) Information on equipment used to heat the pool.
  - g) Show cross section of pool stairs in compliance with sec 809.5.1 and 809.5.2 of the International swimming pool & spa code
  - h) Show pool entry and exit in compliance with sec 809.2, 809.3 and 809.4 of the International swimming pool & spa code
    - i) Please note: The horizontal surface of underwater seats, benches and swim outs shall be no greater than 20 inches (508 mm) below the design waterline. (Sec 809.9 of the International swimming pool & spa code)
  - j) g) Show diving water envelope per 804.1 of the International swimming pool and spa code (if applicable)
5. Swimming Pool Electrical Requirements: Please make sure your electrical plans address all of the Swimming pool electrical requirements below:

## **Swimming Pool Electrical Requirements for Wasatch County**

1. Provide drawings showing the bonding layout as per NEC requirements. Show all bonding wire termination locations and routing. See NEC 680.26.
2. Provide drawings showing the location of all pool lighting. Show elevation and distance for exterior lighting. NEC 680.22(C) Specify lighting for pool lighting fixtures.
3. Show conduit routing and sizes for pool lights. Specify a listed swimming pool J-box. Show the location and elevation.
4. Provide a single line diagram showing all feeders, panels and branch circuits from the site electrical service.
5. Provide an NEC Article 220 load calculation for existing and added electrical loads.
6. All low voltage wiring is to be installed in a workmanlike manner.
7. Provide drawings for boiler shutdown, if necessary.
8. Provide a 120 VAC GFCI receptacle between 6' and 20' from the inside wall of the pool. See 680.22(A)
9. Switches and disconnects shall be located at least 5' from the inside walls of the pool and or hot tub.
10. Provide maintenance disconnects for all utilization equipment. Each means shall be readily accessible and within sight.
11. Provide interlock between boilers and pumps.
12. Show the lighting control system.
13. If the electrical equipment is installed below the pool level, provide level sensing and shutdown for electric power.
14. Provide pool cover specs.
15. Pool areas where chemicals are stored, as well as areas with circulation pumps, chlorinators, and filters are considered to be a corrosive environment. Equipment and equipment locations will need to be chosen accordingly. See NEC 680.14 (A & B)
16. An emergency switch is required for spas and hot tubs. See 680.41. This requirement is not required for single family dwellings unless they are used for nightly rental.
17. Reinforcing steel is required in all conductive pool shells.
18. Show the location of the pool cover control. The entire pool must be visible from this location.
19. Please review the 2023 NEC before submitting.