



SWIMMING POOL/SPA PLAN SUBMITTAL REQUIREMENTS

(Refer to Public Pool ISPSC 2021 Code and IRC 2021 Code)

1. Site Plan-Need to show the following items:

- a. Pool or Spa—show depths, approx. dimensions, lights, pool cover.
- b. Existing or proposed buildings/show all doors which access directly to the pool.
- c. Property lines, lot size and a north arrow.
- d. Setback distance dimensions from pool/spa to all buildings, property lines, and all known utility and/or other easements.
- e. Type of material, method of construction and height of access barriers.
- f. Location and specifications of decking, pool stairs, step ladders, recessed treads, handrails/handholds, seats and lighting.
- g. Location of all glazing with the prescribed distance from the pool deck area and how the glazing safety requirements will be met.
- h. Pool equipment location and area and width of deck.
- i. Fences and gates.

2. Completed Building Permit Application with:

- a. Engineering. Structural engineering prepared by a registered professional civil or structural engineer with includes reinforcing steel placement, steel diameter, steel specifications and steel strength; and concrete specifications and strength. Cross-sectional plan view of depths and slope per ISPSC Section 807. Floor slope max 1 to 3 (33%). Rock features need engineering.
- b. Soils report site specific to the property.
- c. Pool contractor name, address and State license number.
- d. Electrician contractor name, address and State license number.
- e. Gas technician or plumber with State License number or Enbridge Gas Installation Card Number.
- f. Health Department letter, if commercial.

3. Pool Protection Options:

- a. Pools shall be surrounded by an approved barrier.
 - Four foot fence around perimeter of the pool (see barrier design)
- b. When the dwelling is used as part of the barrier and has doors which access directly to the pool, one of the following shall be provided:
 - Powered safety cover compliant with ASTM F 1346.
 - Door alarms.
 - Self-closing doors with self-latching devices which are approved by the Building Official.

4. Barrier Design:

- a. Minimum barrier height is four feet.
- b. Barrier shall not be more than two inches above grade.
- c. Openings in barrier shall not allow the passage of a four-inch sphere.
- d. Solid barriers shall not have openings, indentation or protrusions creating climbable surface.
- e. Construction fencing for in-ground pools are to surround the site from the time that any excavation occurs up to the time that the permanent barrier is completed. Fencing shall not be less than 4 feet in height.

5. Pedestrian Gates:

- a. Gates shall conform to all fencing requirements.
- b. Gates shall open outward from the pool.
- c. Gates shall have a self-closing and self-latching mechanism.
- d. Residential gate not to be less than 54". Public gate not to be less than 52" to 54" max:
 - Release mechanism must be located on the pool side at least 3" from the top of the gate.
 - The gate and barrier shall have no opening larger than ½ inch within 18 inches of the release mechanism.

6. Equipment:

- a. Heaters must have self-igniting pilot light.
- b. Heated pools and spas must have a vapor retardant cover.
- c. Pool panel clearance must be 30" wide by 36" deep from face of the electrical panel.

7. If pool/spa is pre-manufactured, provide:

- a. **Make and model**
- b. Manufacturer's installation instructions.
- c. Provide ICBO Evaluation Services (ES) Report for pools and IAPMO sp# for spas.

8. Zoning Ordinance Requirements for Swimming Pools:

- a. Self-closing gate, to open outwardly away from the pool.
- b. Latch Height-Minimum Height 54"
- c. Gate Width-Maximum 4 feet.

9. Zoning Ordinance Requirements for Spas:

Other similar small pools may be protected by a solid locking cover in lieu of a fence, otherwise the fencing requirements for swimming pools will apply.

10. Inspections Required:

- a. Pre-Gunite.
- b. Pre-Plaster.
- c. Gas line.
- d. Underground gas line.
- e. Final/C of O.

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To Whom It May Concern,

Due to the uncertainty of the soil conditions within the expanding Ivins City area, the stability of the local soil has become a concern when installing pools and accessory uses.

Effective immediately, Ivins City Building Department will require on-site Geotechnical Observations by a licensed engineer for the installation of all pools and spas.

Your cooperation is appreciated.

Regards,

Cody Mitchell
Building Official
Ivins City