

SWIMMING POOL REQUIREMENTS FOR THE CITY OF BOZEMAN

1. PLAN AND CONSTRUCTION DETAILS:

- a. Construction details must be stamped and signed by a licensed engineer
- b. Plot plan must show all easements, existing structures, retaining wall, electrical panel location and all overhead and underground electrical lines.
- c. Access by excavation equipment.
- d. Dimensions from the pool to all property lines must be indicated on plot plans.
- e. Pool equipment and other structures such as diving boards, ladders, diving rocks, slides and other devices must be shown on the plans.
- f. Indicate all drainage using arrows on the plot plans.
- g. Indicate fence location and design on pool plans.
- h. Indicate location of all doors, windows and existing slabs within 10 ft of water's edge.

2. DESIGN REQUIREMENTS:

- a. Minimum setback from a structure and property lines is 4 feet when engineered and surcharged.
- b. Pools are not allowed in any easement.
- c. Venting for gas pool heaters shall terminate not less than 4 feet from any opening or air inlet to the building.
- d. Clearance from combustibles to pool heaters shall be per manufacturer's specifications.
- e. Pools must meet the requirements of the International Swimming Pool Code, the National Electric Code and the International Building Code.
- f. A waterfall exceeding 30" in height requires a building permit and an engineered design and may not exceed three (3) feet in height in a front (20' setback) or street side yard (12 ½' setback) area or eight (8) feet in height, in an interior side yard (5' setback) or rear yard (10' setback)- Please verify all setbacks with the COB Planning Department.

3. CONSTRUCTION REQUIREMENTS:

- a. It will be the responsibility of the pool contractor to keep all streets, curbs, gutters and sidewalks clean and free of dirt, concrete and other debris, used in the construction of swimming pools.
- b. Construction materials such as dirt, sand and cement shall not be washed into the gutter or storm drain system.
- c. Any dumping of material on private property is prohibited unless a grading permit is secured by the property owner and all provisions of the grading ordinance are met.
- d. All fences and gates must be in place when work is completed daily so pool is not accessible by anyone other than property owners.
- e. All broken sidewalks must be fully repaired prior to the final inspection.
- f. No pool shall be filled with water before the pre-plaster/final is approved.
- g. The grading must be complete prior to final inspection. This includes 2% drainage away from the house and all drainage sloping to the street. Note: It is the responsibility of the contractor to see that the grading is completed. All homeowners will be referred back to the contractor for clarification.

THE FOLLOWING ITEMS MUST BE SUBMITTED WHEN APPLYING FOR POOL PLAN CHECK:

1. Two plot plans.
2. Two construction details, stamped and signed by a licensed engineer.
3. Dimensions to all property lines.
4. Location of all air conditioning, pool equipment, & other accessory equipment, & shall not be visible from the public right-of-way and shall not be closer than ten feet (10') to a rear or side yard unless a solid six-foot-high fence separates the equipment from the property line, in which case a minimum setback would be five (5) feet from a rear or side property line.
5. Location of all easements.
6. Indicate type of electric service. (overhead/underground).
7. Location of electric panel and size.
8. Electrical load calculation sheet filled out for all projects.
9. Using arrows indicate on the plot plans the direction of drainage.
10. Indicate the fence design and location on plot plans.
11. Indicate access for pool construction equipment.
12. Self-closing & self-latching devices must be installed on all pedestrian gates with direct access to the pool area with the release mechanism located a minimum of 54" (1372 mm) above the floor finish grade. Gates must swing out, away from pool area.

Notice to Pool Contractors

The City of Bozeman Will Conduct the following field inspections on all swimming pools and spas.

1. Pre-Guniter

- All reinforcement is in place
- Underground electrical conduit in trench
- Pool Grounding grid established
- Bond reinforcements installed to light niches, isolated metal parts longer than 4 inches, all metal parts within five feet of pool, metal parts of electric equipment associated with water circulating systems and pool cover equipment
- Any underground gas piping in the trench
- Gas line pressurized for test (if applicable)

2. Pre-Deck

- Decking is formed so that inspector can observe how glazing adjacent to deck is impacted
- All required grounding / bonding is intact
- Decking not obstructing lot drainage
- Expansion material at coping in place
- Deck Drain Minimum 3 feet from residence
- Grounding to wet-niche fixtures is secured and sealed

3. Pre-Plaster

- Bonding of any embedded metal objects
- Barriers, alarms, fences and gates are in place

4. Final

- Pool lights and equipment are working
- GFI receptacles functional
- Verify windows adjacent to deck have safety glass
- Any required covers provided
- Finish grading completed
- Permanent barriers, alarms, fences and gates are in place

Your cooperation in ensuring that everything is “inspection ready” before any inspection request is made will be greatly appreciated. Also please make sure for life safety no inspections are skipped.