

## **POOL & SPA SUBMITTAL REQUIREMENTS**

Applicants are responsible for submitting complete applications. Incomplete applications will result in plans being rejected and returned to the applicant during the review process.

Project must meet the requirements of the City's adopted codes, ordinances, and regulations:

2018 International Residential Code

2018 International Mechanical Code

2018 National Plumbing Code

2017 National Electrical Code

City of Maricopa Pool & Spa Barrier Regulations.

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### **Plan Contents:**

Plans must contain the following minimum content. This list is not exclusive of every detail required. It does however provide an overview of the basic plan content requirements.

### **Construction Plans/Engineering**

Must be sealed and signed by an Arizona civil or structural engineer.

### **Electrical Load Calculations**

Required when installing heat pump.

### **Site Plan Requirements:**

#### **Locations:**

Identify the location of pool on lot. Identify any adjacent buildings or structures. Identify the property lines. Specify the distances or setbacks from the pool to adjacent property lines or structures / buildings. The minimum setback from pools (including waterfalls or other accessory structures) to adjacent property lines is 3 feet. Covered Patio column weep screeds within 5' of the pool shall be bonded. Windows within 5' of the pool must be safety glazed.

Identify the location of the pool equipment on lot. Identify the location of the gas meter and electrical panel. If applicable, specify if pool heaters are gas or electric. If the pool heater is electric, provide electrical load calculations for the existing house and the new pool equipment. Specify that the pool equipment will be GFIC protected. Specify the type of electrical conduit to be installed.

#### **Electrical:**

Specify the depth of the earth cover above the conduit. Specify the type and number of conductors to be installed in the conduit. Specify the numbers and sizes of the breakers to be installed in the main electrical panel for the pool equipment. If applicable, specify the location and size of any sub-panel to be installed. Specify the sizes and numbers of breakers to be installed in the sub-panel for the pool equipment.

**Gas:**

If gas appliances will NOT be installed as part of the pool project, provide a note on the site plan stating: “NO GAS WORK.”

If gas appliances are to be installed as part of the pool project, specify the locations and BTU ratings of the appliances. Specify the type and sizes of the gas piping and risers to be installed. Specify the depth of the earth cover above the gas piping. If applicable, specify the gauge and color of the tracer wire that is required for non-metallic piping. If applicable, specify the installation of shut-off valves for gas appliances. Specify the sizes and lengths of the gas piping, including the distance from the gas meter to the nearest appliance, and lengths of piping between additional appliances. Include the lengths and sizes of any branch piping. Gas piping cannot be installed in the pool structure without written approval from the engineer of record. All gas exhaust shall be a minimum of three feet from any opening.

**Patio:**

If the pool is 5’ or closer to the House or Covered Patio, provide a note specifying the increased vertical reinforcement that is required by the engineer of record.

**Means of Egress:**

Minimum 3’ wide “means of egress” pathways must be provided in both side yards. If installing pool equipment in side yards, identify the required 3’ minimum width clear space between the pool equipment and the adjacent house or pool barrier.

**Gates:**

At least one 3’ minimum width gate is required from the rear / side yards. The gate must swing outward in the direction of travel and must be self-closing and self-latching. Padlocks are not allowed as the self-latching device. If RV gates are used as the only “means of egress”, one gate must be pinned in place. The other gate must swing outward in the direction of travel and must be self-closing and self-latching.

**Barriers & Alarms:**

Identify the pool barrier. Pool barriers must comply with ARS 36-1681. Walls and fences must be at least 5’ in height measured from the exterior side of the wall or fence. If windows are part of the pool barrier, they must be equipped with latches that are a minimum of 54” above the finished floor. If sliding doors are part of the pool barrier, they must be self-closing and self-latching, or equipped with an alarm that complies with UL 2017. The alarm must be attached to the door and doorframe with screws. Adhesive attachment is not allowed. Other doors that open into the pool barrier can be either: self-closing and self-latching with a doorknob / lever handle that is at least 54” above the finished floor; or equipped with an alarm that complies with UL 2017.