



## City of Orem

Development Services  
56 N State Street Suite 105  
Orem, Utah 84057

[www.orem.org](http://www.orem.org)

Building Safety Division  
801-229-7060  
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### SWIMMING POOL PLANS SUBMITTAL CHECK LIST

Review your plans and verify that each of the following details have been included. When each of the items have been verified, you are ready to submit your application and plans for a building permit. We do not accept mirrored image plans for review. **Plans cannot be reviewed without the following information. All submittals are on-line through our building permit portal which can be found here: <https://orem.org/buildingpermits/>**

**Current codes are 2021 IBC, 2021 IMC, 2021 IPC, 2021 ISPC, 2020 NEC, 2021 IECC commercial provisions and 2015 IECC residential provisions, 2021 IFGC, 2017 ANSI and current Utah State Amendments**

- 1) BUILDING PERMIT APPLICATION must be completely filled out, including:
  - a. Contractor's name, phone number, address, e-mail and Utah State contractor's license number
  - b. Owner's name, address, phone number and e-mail address
  - c. Architect's name and contact information
  - d. Structural engineer's name and contact information
  - e. Project address
  - f. Legal description – i.e. Subdivision, Plat and Lot or Tax ID number if Lot of Record
  
- 2) SITE PLAN:
  - a. Topographical plot plan for sloped lots
  - b. North arrow
  - c. Lot dimensions drawn to scale
  - d. Easements
  - e. Show location of pool including distance from house, all structures and property lines.
  - f. Show location of any and all retaining walls (four feet or higher ones require separate permits.)
  - g. Show location of pool heater and equipment.
  - h. Show location of switch for pool cover, it must be in full view of the pool.
  - i. Show pool depth, if deep end is greater than 5' show secondary entry/exit.
  - j. All accessories including but not limited to water features, diving boards, slides and rock features must be drawn on the site plan and include engineering inf required. *(If features bear on the pool wall, the pool engineering must acknowledge them.)*
  - k. Provide information on what type of pool is being installed pre-manufactured or cast in place. If cast in place, provide all information of how the pool is to be constructed including engineers' approval.
  
- 3) POOL PLAN:
  - a. Provide Manufacturer's installation instructions (NOT brochures) for all pool equipment including: controls, lights, chlorinators, filters, pumps, pool heating equipment, etc.
  - b. Provide the Manufacturer's installation instructions (NOT brochures) and listing of the proposed pool cover or covers
  - c. Show the location of return and suction lines
  - d. Show location of skimmer (if pool is over 800 sq. ft. or if spa is over 150 sq ft. show the location of additional skimmers required)
  - e. Show the location of entry steps
  - f. Fiberglass pre-manufactured pools shall meet IAPMO Z124.7 standard. Provide manufacturers listing and installation instructions showing that fiberglass shell meets and is listed to the appropriate standard.
  
- 4) STRUCTURAL PLAN:
  - a. Details of the reinforcing steel
  - b. Rebar and shotcrete schedule table
  - c. Pool depths and details for coping, niches, etc.
  - d. Additional site-specific items may be required for lots with slopes of poor soils.

- 5) GAS LINE DRAWING
  - a. BTU/CFH of each appliance both new and existing
  - b. Size of line to each appliance both new and existing.
  - c. Length of the line from the meter to the farthest appliance.
  - d. Pressure the meter supplies. (4oz or 2lb)
  
- 6) STORM WATER POLLUTION PREVENTION/EROSION CONTROL PLAN (SWPPP): (see Land Use Disturbance Application for details that need to be shown on the site drawings). Required on all new construction if footprint of added area of structure is 500 square feet or greater. Please use the **SWPPP Preconstruction Submittal and Review Checklist** in preparation for your application and submittal.