



SWIMMING POOL CHECKLIST

333 North Rancho Drive, Las Vegas NV 89106-3703

Phone: (702) 229-6251 Fax: (702) 382-1240

ADDRESS _____ DATE _____
CONTRACTOR _____ PLAN EXAMINER _____
OWNER _____ P.C.NO. _____

Note: Two sets of plans are required. Plans and documents are to be clear and drawn on substantial paper, wet-signed by each contractor or Owner/ Builder, and wet-stamped "reviewed" by engineer of record or design professional. Requirements and standards for pools/spas can be found in the 2018 International Swimming Pool and Spa Code (ISPSC) and Southern Nevada Amendments.

- 1. Plot plans (min 8.5" x 14")
 - A. Property lines showing setback to water's edge of pool/spa
 - B. Fences, retaining walls, and required barricades
 - C. Irregular grades and lot drainage
 - D. Dimensional location of pools/spa and equipment pads from existing and proposed structures, fences, walls and property lines
 - E. Deck configuration and dimensions
 - F. All diving & deck equipment (if provided show in cross section, see Item 2D)
 - G. Steps, ladders, or walk-outs as required
 - H. Show Handrail or Guardrails as required by IBC/IRC outside of water area.
 - I. Note on plans to provide secondary barrier requirement, ISPSC Amendment 305.7.
- 2. Structural plans – reference engineer's structural details on plot plan
 - A. Type of construction (gunite/handpack/etc., type of cement, strength of concrete)
 - B. Pool/spa dimensions
 - C. Surface area of pool and spa
 - D. Two cross-sections (1 length, 1 width) of pool and spa drawn to scale and dimensioned through adjacent grade or structures
 - E. Computations or reinforcing steel schedule, special conditions and bond beam details.
 - F. Soils report required or design which utilizes a minimum lateral bearing pressure of 60 psf/ft and an exposure class S2 (Severe Sulphate exposure level).
- 3. Mechanical plans
 - A. Turnover in hours and pump G.P.M.
 - B. Type and size of filtration system
 - C. Show location/means of wastewater disposal
 - D. Type and size of pool/spa heater (stack or stackless)
 - E. Type of materials
 - F. Location of main outlet, returns, skimmers, show main drain(s) and catch basin drains (Suction Entrapment Avoidance)
 - G. Means of adding make-up water and backflow prevention
 - H. Specification, size, length, demand and routing of gas line (separate permit required for Fire pits, BBQ, Fire Tables, Fireplaces, Tiki Torches when **not** Owner/ Builder)
 - I. Plumbing plans to be signed by plumbing contractor.
- 4. Electrical plans
 - A. Size and location of existing electrical services and gas meter size and location
 - B. The means of lighting pool/spa
 - C. Show clearance of overhead power lines as per 2018 ISPSC per Southern Nevada Amendments 324.4, Table 680.9(A) If none exists, note plans as such).
 - D. Electrical load calculations are required if electrical service is less than 200 amps or two (2) or more pumps are installed
 - E. Electrical plans to be signed by electrical contractor
 - F. Show emergency disconnect location