

R.J. Pool & Spas
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CONSTRUCTION OUTLINE

This is a basic outline describing the steps and techniques used in the construction of each and every pool. These techniques are time tested in thousands of pools built since 1972.

1. First, the pool shape, size, and elevation is laid out with the homeowner's approval and according to local building codes.
2. The pool is then **excavated** to proper dimensions. For your safety we use the current NATIONAL SPA AND POOL INSTITUTE standards on all diving pools. **At this point your 1st stage payment is due before any continuation can take place.**
3. Next the **plumbing and equipment** are then installed. We use only the finest, oversized, non-corrosive and energy efficient equipment and plumbing manufactured today. For your protection all plumbing and equipment is N.S.F. approved. This equipment will provide years of trouble free service and save you money in reduced utilities. Also at this time your plumbing and equipment will be pressurized to approximately 4 times its normal operating pressure to assure you leak free plumbing.
4. Next the **steel reinforcement** is installed. This steel reinforcing is the backbone of your pool structure, and here we spare no expense. Almost ¾ mile of heavy steel bar will be used in your pool. Expansive soil construction details are standard in every R.J. Pool. This includes additional steel bars in the bond beam and in the transition slope. These are the most critical points in your pool structure.
5. Next, your pool will be **inspected** by a local building official. He will check for bonding, steel clearance for gunite and plumbing pressure.
6. After your inspection passes, your pool will be **gunited.** The Gunite mixture used in your pool is up to 33% stronger than required by local codes. At this time you will be required to spray down the gunite at least 3-5 times a day for the next 14 days to allow proper curing. **At this time your 2nd stage payment is due before any continuation can take place.**
7. Next the **coping and tile** are installed. We use only the finest adhesives and grouts available today.
8. The **electrical installation** comes next. All electric will be installed to meet all local and national electric codes. Also for your protection all electric equipment used in your pool will be U.L. approved.

9. Once again your pool will be **inspected** by a local building official. He will check the underground electric for proper clearance and depth.
10. Next your **decking** will be installed. All concrete is given a salt finish for non-skid protection unless you specify differently in the contract. **At this time your 3rd stage payment is due before any continuation can take place.**
11. Before your pool is plastered a local building official will **check your fence, gates, and alarms which are your responsibilities.** All gates must be self closing, self latching and open away from the pool area. Some cities require door alarms on household door leading into the pool area. Also some cities require rear entry doors on a garage to be self closing with a latch, and sometimes even have an alarm on them. Alarms must be on every door that enters your pool area (including patio sliders, and door in the garage if they enter the pool area. **PLEASE CHECK WITH YOUR LOCAL BUILDING AND SAFETY DEPARTMENT!!!**
12. After the inspection your pool will be **plastered.** Using a strong bonding plaster mixture of white marble dust and Portland cement, your pool will receive 2 full coats for a durable finish. The top coat will be hand toweled for a smooth finish that is easy to walk on and non abrasive. Also at this time your pool will start filling which depending of course on the size of your pool can take up to 24 hours or more. **Your final check is due before or when the plaster crew arrives before your pool will be plastered.**
13. After you pool is filled a professional **Start up man** will give you operating instruction and explain the proper use of your pool equipment. Also please do not swim in the pool until start up has been done.
14. Finally all construction related debris will be removed and all trenches filled in and leveled. This is also known as the final clean up.

**YOUR R.J. POOL IS CONSTRUCTED TO GIVE YOU A LIFETIME OF TROUBLE
FREE PLEASURE!!**