

Pool's



The Building Process:

DESIGN PHASE: This is the first step in building a swimming pool and the associated landscaping...This is the stage that you are likely in now. There are many things to consider. Distance from structures, engineering aspects, style, utility, amenities, features, cost factors, and feasibility. Take a look at some examples ... Pools, Landscaping, 3D designs.

PERMIT PHASE: Permits take one day to several weeks depending on the city/county.

LAYOUT/EXCAVATION PHASE: We form the pool with wood forms according to our scaled drawings. We then excavate the pool.

STEEL PHASE: In this phase we set the rebar in place according to the engineering sheets for the particular design.

ROUGH PLUMB PHASE: We place piping for water and electrical in the pool walls. We pressurize the system and then call for an inspection by the building department.

SHOTCRETE STAGE: Here a dry or wet mix of concrete is shot out of a hose with force to create the shell of the pool.

CURE PHASE: During this phase the shell will need to be watered down at least twice daily to slow the curing process. This makes the shell stronger. During this week to ten day period we typically will make coping and tile selection.

COPING PHASE: Here we install the coping and any waterfeatures or tile that may be in the design.

EQUIPMENT SET PHASE: During this phase the pumps, filters, and computers are installed. After they are installed we call for another inspection.

PLASTER PHASE: The plaster, Hydrazzo, or pebble finish is applied and the pool is filled

Shotcrete versus Gunite:

It really comes down to psi. There are two types of structural strength to consider, compression and tensile. Both gunite and shotcrete lack tensile strength and rely on the rebar for their tensile strength. They both have compression strength relative to their mix design for psi strength. A 4500 psi gunite mix is exactly as strong as a 4500 shotcrete mix.

Pebble/Hydrazzo versus Plaster:

Pebble and Hydrazzo are stronger and longer lasting finishes. Plaster will last many years as well. There are however, many more color options with pebble and Hydrazzo finishes.

Jandy versus Pentair:

Both are good pool equipment companies. We let you make the choice. We do have a preference - please ask why. We definitely would not recommend Hayward equipment.