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## Workflow Process

**Day 1:** Do not drain your pool. We will pump out your pool using a gas-powered pump first thing the day of demo. We pump pool water into main storm drain either at street level or by pumping into nearest ditch or waterway. Pump out time normally takes between 2 and 3 hours.

Once drained we will put at least two 9" holes in the pool shell (1 in the deepest end and 1 in the shallow end) to avoid pressurizing the shell and popping up due to being without water. We will begin demo of any coping and tile (if we are replacing) and do a chip out on the pool plaster itself. We will chip out about 1" to 2" below the Pool Tile and around all fittings, jets, etc. We may have to chip out sections where old plaster did not adhere correctly and formed cracks, bubbles or domes between plaster and the gunnite shell. This service is included in your price with the exception of having to chip out the entire existing plaster. Upon finding that over 50% of your existing plaster has adhesion issues we will need to chip the entire pool plaster out to ensure proper adhesion of new plaster to your pool's shell. It is virtually impossible to detect this issue until the pool is drained. You will be notified and shown if this issue exists with your pool.

You will also be quoted a price before work proceeds to correct this issue. This cost typically runs around \$500 to \$800 if needed. Approximately 1 out of 15 pools may require complete plaster removal before proceeding with new plaster application. Finally, we will apply a bond coat to the existing pool surface which allows for proper adhesion of new plaster to the pool shell. This will leave your pool with a grey coating color until the new plaster is applied.

**Day 2:** We will either begin work on either tile, coping, plaster or modifications (depending on what all is being done to your pool). Tile work usually takes 1 day. Coping work usually takes 1 day. Plaster application is done in 1 day. Time to complete modifications varies as each project is different in scope and size. Modifications would include adding features, removing features, or changing overall design of pool. Your project manager or sales person should be able to guide you through the length of your individual project should you have any modifications being done.

**Day3:** We will do a small prep to remove any water collection or debris in preparation for your plaster application. We will have a mixing truck on site and will need access to the driveway or as close to the pool as possible as plaster will be wheel burrowed into pool area. (Note: we do our best to protect lawns/landscaping but with heavy traffic some noticeable wear will exist. We are not responsible for worn grass or damage to any landscaping near pool area.) Weather plays a serious factor at this stage. We can work around light mist and partial shower conditions using tarps but if we have heavy rainfall in the forecast your Project Manager will notify you of a schedule change. Should you wish to proceed work despite of weather conditions, we will ask that you sign a waiver releasing Z&Z Pools from any liability should your plaster get damaged due to significant rainfall. During the plastering process, we will cut all pool fittings and refit new ones. (Note: Some older style fittings do not adapt to modern fittings and this case, we have retrofit fittings that slip over existing ones to give you a new fitting face rather than the actual fitting being replaced back to the coupling). All plasters whether white or pebble aggregate get 2 coats applied. After second coat of white plaster only is applied, the plaster is troweled until hardened which typically takes between 2 to 4 hours. With quartz

plaster, it is brushed and washed with a light acid/soap solution to release the look of the quartz from the plaster residue and haze before it hardens. With pebble plaster, we wash the plaster with light pressure water using specialized equipment before it hardens. (Note: we will leave a large wooden waste collection box onsite overnight which is used to collect all loosened pebble aggregate that gets released during washing and pump out. A second wash is done the following day and further collects more deposits. This is done to ensure that we do not pump aggregate into dump areas). All plaster work is and must be completed seamlessly in one day.

With white plaster, we will begin filling the pool same day. If Z&Z Pools has been contracted to perform the start-up we will ask that the customer contact us once the pools is filled to the Pool Tile line in pool and spa (if existing). We will return to begin a 3-day start-up process. (See start-up sheet)

With quartz plaster, we will begin filling the pool same day. If Z&Z Pools has been contracted to perform the start-up we will ask that the customer contact us once the pools is filled to the Pool Tile line in pool and spa (if existing). We will return to begin a 5-day start-up process. (See start up sheet)

With pebble plaster, we will return the following day after plaster application to begin acid washing/cleaning and then begin filling the pool. If Z&Z Pools has been contracted to perform the start-up we will ask that the customer contact us once the pools is filled to the Pool Tile line in pool and spa (if existing). We will return to begin a 5-day start-up process. (See start up sheet)

**Day 4 (Pebble Plaster Applications ONLY):** We will return on Day 4 to complete the cleaning process mentioned above and then begin filling your pool.