Arizona Wholesale Pool Contractors

Swimming Pool Construction Checklist
The Swimming Pool Construction Checklist is designed to give you some guidelines and hints of items to look for while you’re building your own pool. It’s outline follows the scheduled order of the phases of pool construction. It’s only a guide – use it as such. If you have questions or if you would like to add something to this checklist that you think would help others in building their own pool – please let us know.

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Swimming Pool Construction Checklist:

Layout: Date Scheduled:________________ Date Completed:________________

☐ Verify your property line setback, window and structure distance are maintained
☐ Paint out pool equipment location – must be 5’ minimum from water’s edge.
☐ Verify and establish pool bond beam elevation – confirm deck type with layout.
☐ Confirm electrical, gas and water requirements with layout sub.
☐ Electrical – panel location, adequate power for equipment/future requirements
☐ Gas – meter location – propane tank location - access to dig 21” deep trench –
  Propane tank location must be accessible to street view.
☐ Water – select a hose bib for use with the automated water leveler.
  All hose bibs require a vacuum breaker be added to the hose bib.
☐ Finally, do an overall review of the pool design.
  Will the deck work with the remaining space as planned?
☐ Is the pool where you intended it to be?
  Re-layouts cost money, so be sure you like what you see.
☐ Does the yard grade rise or fall near the pool? May require retaining component.

Record Bond Beam Elevation - height set at:_______  (+/- finished to patio height or finished house floor elevation.)
Swimming Pool Construction Checklist:

布局 (续)

- 最后，做一次整体的池塘设计的复查。
  - 池塘水面的设计能满足剩余空间的计划吗？
  - 池塘设计的大小是你计划的样子吗？
  - 游泳池的地点是你计划的地点吗？
  - 草坪地面靠近池塘地方上升还是下降？
  - 水流下落区域（如果有）——确认面积（例如：8’x5’=40平方英尺）
- 订购蓝杆 — 比较蓝杆记录与游泳池的布局和设计特征。

注意：布局将会加上6英寸的扩展（每方向）或12英寸的扩展（总体），测量的尺寸是为挖掘机准备的。

- 必须先回填，然后用射浆浇筑，然后根据设计完成。

- 你已经订购了池塘设备吗？

  使用你的设备规格单。

  去：ArizonaWholesalePoolEquipment.com

  免费送到：（仅限亚利桑那州居民）

  在安装阶段之前，请确保设备在现场。
Swimming Pool Construction Checklist:

Excavation: Date Scheduled:______________  Date Completed:______________

☐ Confirm excavator completed pre-site and has bid proper equipment for the access.
☐ Verify the width of the access
☐ Make a note of what is required for the replacement of the access
  Masonry Wall  # of: sections______ pilasers _______stucco _______ paint color _______
  Remove and replace an existing gate_____________  add a self closing gate spring
  Note: All gates must open out and away from the backyard not into the yard.
☐ Confirm pool bond beam elevation and verify deck type with excavator.
☐ Verify yard grade changes.
  Does the change in grades require a retaining wall?
  Raised bond beam or additional fill to remain?
☐ Pad out deck area with pool fill 3' beyond finished deck.
☐ Ask the excavator if they will dig a “trunk line” for the pool equipment.
☐ Ask the excavator what their policy is on removing excess fill.

Note:  Hard digs are always a possibility – ask the excavator’s experience in your area.
Swimming Pool Construction Checklist:

Plumbing: Date Scheduled__________________ Date Completed:__________

☐ Plumber should provide all pool equipment slabs – plastic or concrete.
   Pool equipment should be set on a firm level grade.
   Pool equipment set within (+/-) 6” to pool water level.

☐ Check to make sure all plumbing lines are set below pool bond beam.

☐ Verify plumbing schematic – the number of returns, skimmer location,
   pool vac line, auto water leveler and all other plumbing lines are in place.

☐ Verify that all exposed PVC pipes get painted at the pool equipment location.

☐ Did your plumber install your salt water call?

   Record the plumbing system (pipes, equipment) pressure at plumbing completion: ____________psi

Notes:
* Did you select your deck material yet?  I hope so – if not – get busy.
* Did you order your pool fence?  Need a sub?  Go to AZWPC.com and request a quote.
* Did you submit for a gas line permit/inspection (if necessary)
Swimming Pool Construction Checklist:

Steel/Rebar:  Date Scheduled:_______________  Date Completed:___________

☑ Verify steel company has special engineering detail (if applicable)
☑ Verify steel standard engineering with the rebar/steel sub – prior to scheduling the steel install date.
☑ Check that all steel is blocked off the dirt by 3” concrete spacers.
☑ Visually review all tie wraps at cross section are cut, bent down and away from the pool interior finish.
☑ Check steel is below the top of the form boards set by the excavators.
☑ Confirm additional features such as: In-pool table or bar stool(s) have steel caissons provided. Spas & spill-ways, water features are accounted for.

Note:  Confirm with shotcrete sub-contractor that they will provide Sonotubes for table or bar stools at the time of shotcrete (if applicable)
Swimming Pool Construction Checklist:

Electrical:  Scheduled Date: _________________  Completion Date: _________________

☐ All electrical conduit (wrapped or grey PVC) and light brass is below finished grade per UBC and city requirements.
☐ Verify all deck, anchor and fence bonding is complete.
   * Diving Pools need a bond wire for the metal jig in the deck
   * Wrought iron fences or metal object within 5’ of water need a bond wire
   * Equal potential bond (deck bond) wire installed – applicable in some cities
☐ Proper pool panel is in place for current and future needs.
☐ 3’ clearance in front of pool panel is maintained.

Note: Once the electrical is completed it time to call for your first inspection.

Call for your Pre-shotcrete and in some cities a rough electric inspection

Your city: _____________________________  Inspection Request Line: _____________________________
Online web address: _____________________________________________
Your Permit Number: _____________________________
Pre-shotcrete /rough-electrical inspection code (see city chart): _________ | ______________
Confirmation Number: _____________________________
Swimming Pool Construction Checklist:

**Shotcrete:**  Scheduled Date: ________________  Completion Date: ________________

- Verify pre-shotcrete inspection from your city/county is “green” and approved.
- **Record** plumbing is still at or under pressure: ________________ psi.
- Water is available on-site for shotcrete company to use during installation.
- Clean out area is specified or a clean tub available?
- Verify steel blocking in place no cave-ins, mud or other debris on or covering rebar.

  Paver or Flagstone deck:
  - Have the crew “notched the beam” for the aerator.
  - In-pool tables or seats – Sonotube on-site or shotcrete company provided (verify)
  - Water cure schedule. See shotcrete company instruction sheet – 4 times/day – 4 days.

* Note: Take pictures and/or video of the shotcrete process. Send them to [www.ArizonaWholesalePoolContractors.com](http://www.ArizonaWholesalePoolContractors.com) and show off your pool with rest the rest of the build your pool builders here in Arizona.
Swimming Pool Construction Checklist:

Masonry & Water Features  Date Scheduled:__________ Date Completed:__________

☐ Complete all masonry structures in and around pool and deck area.
☐ Waterfall complete
☐ Masonry structures on the beam are set to extend over the beam or flush with the beam.
  See tile and stone facing detail on pool print.
☐ Deck rocks, masonry transitions/columns complete.
☐ BBQ, seat walls and all masonry features are in place to at least 18” above deck height or completed.
☐ Electrical, gas lines and all future sleeving is completed, inspected (if necessary) and buried.
☐ Access walls completed – verify with deck crew for access requirements prior.

* Note: Have you selected your tile and made your internal finish selection? Hurry, it’s coming up soon…
Swimming Pool Construction Checklist:

Decking: Date Scheduled: _______________ Date Completed: _______________

- Record plumbing is still under pressure _______________ psi.
- All drain lines, sleeving and sprinkler repairs under the deck area are complete.
- All masonry and rock are set and in place.
- Color selection has been made and confirmed by deck sub-contractor.
- Handrail anchors, diving board jigs, fence/metal bonding wires are in place and on-site.
- All basketball, volleyball and umbrella sleeves are on-site and marked on the pool plan.
- In pool table formed and poured with deck. Paver or stone deck requires separate sub.
- All skimmer and automated water leveler rings and lids are on-site for deck crew.
- Concrete Paver and Natural Stone Decks:
  - Deck crew to provide round paver lids or plastic lids?
  - Aerator is cut and 90 over (remember the “notch” in the beam at shotcrete) to the finish below the coping edge of the deck.
  - Paver crew must set and secure all anchors and jigs in concrete prior to paver set. See manufacturer specification for securing anchors and jigs.
Swimming Pool Construction Checklist:

Access & Barriers: Date Scheduled:____________ Date Completed:______________

- Internal barriers such as wrought iron, mesh safety fence is scheduled for installation.
- Access gates and existing fences are complete and in-place per city requirements.
- Self closing gate springs are in-place and working. Gates open out & away from backyard.
- Interior doors and windows are ready for final inspection. See city/county requirements.

* Note: Need a **Swimming Pool Fence & Barrier Sub-Contractor?**

    Go to: ArizonaWholesalePoolContractors.com/Safety and request
    a bid from our qualified list of Valley fence and barrier contractors.

Tile: Date Scheduled:____________________ Date Completed:______________

- Tile and grout color selection is complete and verified with sub-contractor.
- Mosaics, step/bench banding, tile inserts (white plaster finishes) cut and placed on-site.
Swimming Pool Construction Checklist:

Construction Cleanup: Date Scheduled: ___________ Date Completed: ___________

☐ All trenches are back filled and excess fill is removed from the site.
☐ Pool interior is scrapped, extended plumbing lines (returns, drains) cut and leveled.
☐ All excess water and debris removed from the pool interior
☐ Yard is rough graded and all construction waste and excess concrete is removed from the site.

Call for Your Pre-plaster inspection

Your city: ________________________________ Inspection Request Line: ________________

Online web address: ________________________________
Your Permit Number: ____________________________
Pre-shotcrete /rough-electrical inspection code (see city chart): _________ | ____________
Confirmation Number: ____________________________

* Note: Someone must be home to allow the city/county inspector into the house.
Swimming Pool Construction Checklist:

**Interior Finish:**  
Date Scheduled: _______________  Date Completed: _______________

- [ ] Pool interior is clean and ready for finish – no standing water or construction debris.
- [ ] Tile inserts are on-site and available for finish crew.
- [ ] Slurry pit location provided and arranged for by interior finish company.
- [ ] Water available on-site. If your home is on a well system for water, request a Water truck provider service.

* Note: Pebble finish requires a second day to complete – acid wash. Plaster finish is installed and water filling the pool the same day.
Swimming Pool Construction Checklist:

Pool Startup: Date Scheduled:_______________ Date Completed:_______________

☐ Pull skimmer plug from bottom of skimmer – requires long handle t-bar with 2” square socket.
☐ All chemicals and start up materials on-site.
☐ Salt water pools require large amount of salt (200 – 400 lbs.) use quick dissolve salt.
☐ Pool equipment orientation available from pool startup company.

Start up date: _____________________________
   Start up water chemistry
   Water calcium number:_________________________
   Total hardness number:_________________________
   Recommended PH level:_________________________

Record: All pool equipment manufacture model and serial numbers.

____________________________________________________________
____________________________________________________________
____________________________________________________________