



1307 West Lehigh Street
Bethlehem, PA 18018
610-866-9663 Office
info@keycodes.net
www.keycodes.net

A# _____

SWIMMING POOL APPLICATION

Municipality: _____

Date: _____

Site Address: _____

Phone#: _____

Applicant Name: _____ Email: _____

Contractor Name: _____ Phone# _____

Type of pool: ☐ Above-ground ☐ In-ground ☐ Temporary / Seasonal

☐ Residential

☐ If above ground pool will be constructed into the slope of the property, manufacturer's specifications must be submitted to show that the pool can be partially buried.

* ☐ ANY OVERHEAD WIRES IN THE PROPOSED POOL LOCATION?

Barrier: ☐ Pool wall 48 inches or higher ☐ Installing fence 48 inches or higher

Fence Gates: ☐ Self closing & latching & locking ☐ Swing in direction of egress

☐ Include Fence and Gate details on plans

☐ Pool is separated from house with fence full around. No access from house to pool area.

Ladders: ☐ Secured, lockable or removable or surrounded by a code compliant barrier.

Door Alarms ☐ If the house is used as part of the barrier all doors must be alarmed per code. (UL 2017)

Electrical permit ☐ Number and location of all electrical devices on plan.

Pool pump ☐ All specifications included with permit. (UL listed pump)

Plans ☐ Provide 3 sets of complete plans with all of the above information

Note: (Pool diagram showing size and type of pool, pool pump specifications, ladder type, fence style and self closing and latching gates) All pool equipment specifications must be submitted.

Phone 610.866.9663

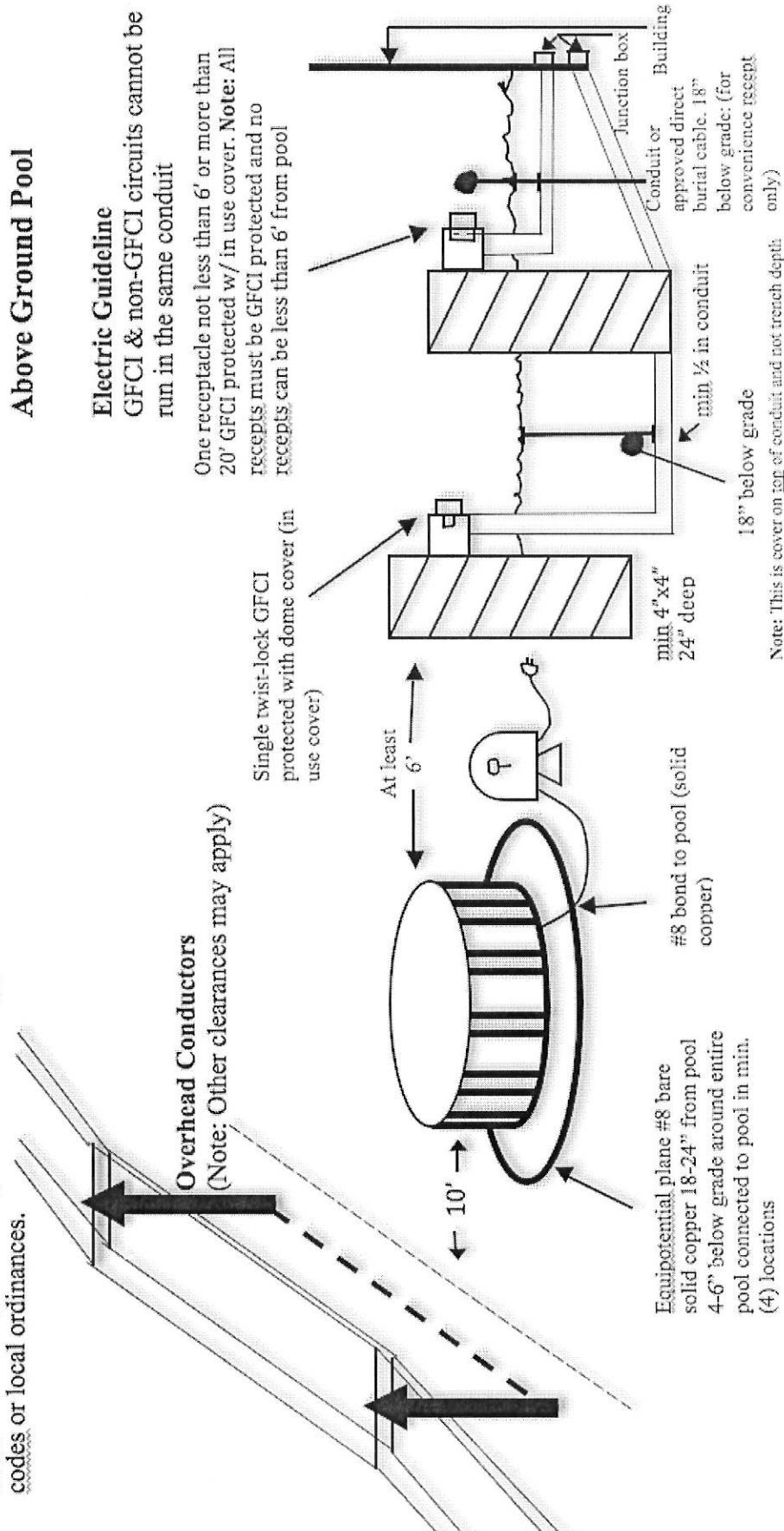
Fax 610.866.2664

1. A GFCI protected convenience receptacle is needed 6' to 20' from the pool and should be connected to a general purpose circuit (not the pump circuit.) It must have an in-use cover.
2. No receptacles are allowed within 6' of pool.
3. Pool pump receptacle needs to be 20 amp twist lock type and must be GFCI protected with an in use cover (6' to 10' away from pool.)
4. Conduit for the pool pump shall have a minimum cover of 18", of dirt or fill, on top of the conduit.
5. Pool pump receptacle shall be mounted on a post usually 4' x 4' pressure treated.
6. Pool pump receptacle feed wired shall be individual conductors in rigid conduit (PVC or metal.) Black, white, green #12 THHN/THWN.
7. Pool motor needs to be bonded to the pool with a #8 **SOLID** copper wire.
8. If the ladder is metal it must also be bonded to the pool.
9. All metal within 5' of inside wall of pool shall be bonded to the pool with #8 **SOLID** copper.
10. Bonding connectors shall be stainless steel, brass, copper, or copper alloy.
11. The pool pump shall have a max 3' cord with a twist lock plug factory installed.
12. If a new sub-panel is installed to supply power to pool equipment, it must have feeders that run in conduit with an insulated ground wire.
13. No overhead lines can be within 10' horizontally of the walls of the pool. There are also other restrictions to the height of the wires which may apply.
14. Equipotential plane must be installed with #8 Bare Solid Copper 18"-24" from pool, 4"-6" below grade, and attached to pool in 4 locations
15. Pool water must be bonded with a minimum conductive surface area of 9 square inches. Bond to #8 solid copper bond system

*** GFCI = GROUND FAULT CIRCUIT INTERRUPTER**

PLEASE NOTE: These are guidelines to help. **ALL** current codes and regulations must be followed, even if not listed on this sheet.

Note: This drawing is intended to aid in the wiring of your pool. It is not a guarantee that the inspection will pass and does not relieve you of compliance with the applicable codes or local ordinances.



Above Ground Pool

Electric Guideline

GFCI & non-GFCI circuits cannot be run in the same conduit

One receptacle not less than 6' or more than 20' GFCI protected w/ in use cover. Note: All recepts must be GFCI protected and no recepts can be less than 6' from pool



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Instructions for Completing Your Permit Application

RESIDENTIAL:

- Select the residential application if your permit is for a one or two family dwelling alteration, addition or new construction project.
- Complete the application and provide three sets of drawings showing the proposed construction.
- Please note that our website www.keycodes.net has specific applications you may want to use for a deck, pool and a few other common residential projects.

COMMERCIAL:

- Select the commercial application for all other alterations, additions or new construction projects.
- Complete the application and provide three sets of drawings showing your proposed construction. Please note that drawings must be prepared and sealed by a design professional registered with the State of Pennsylvania for commercial additions, new construction, structural alterations or changes to the egress for commercial projects.

Submittals shall be reviewed by our plans examiners and once approved will be returned to the municipal official. Approved documents will include a copy which must remain on the jobsite during construction. Also included will be a listing of required inspections and contact information for you so you know how to request your inspections.

Please call our office at 610-866-9663 or email us at info@keycodes.net if you have any questions or need any assistance completing your permit application.