

# INDIANA COUNTY

Office of Planning and Development  
801 Water Street  
Indiana, PA 15701  
(724) 465-3870 Fax (724) 465-3151

FOR OFFICE USE ONLY

Permit # \_\_\_\_\_  
Date: \_\_\_\_\_

## Building Permit Application ~Residential Swimming Pool or Hot Tub~

Please provide Manufacturers Information on the Swimming Pool or Hot Tub with this application.

Site Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Municipality \_\_\_\_\_ Township / Borough \_\_\_\_\_

Estimated Cost of Project \$ \_\_\_\_\_

Type of Pool (check one):  Above Ground Swimming Pool  Inground Swimming Pool



**YOU MUST PROVIDE A TAX PARCEL NUMBER FOR THE PROPERTY AT THE SITE ADDRESS LISTED ABOVE**

Tax Parcel # \_\_\_\_\_

Homeowner's Name \_\_\_\_\_

Current Mailing Address of Homeowner \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Homeowner's Phone Number \_\_\_\_\_ Cell Phone \_\_\_\_\_

Homeowner's E-mail Address \_\_\_\_\_

Water supply \_\_\_\_\_

Electricity provider: \_\_\_\_\_

Contractor \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ Cell Phone \_\_\_\_\_

E-mail Address \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

# SUBMITTAL REQUIREMENTS FOR RESIDENTIAL PROJECTS

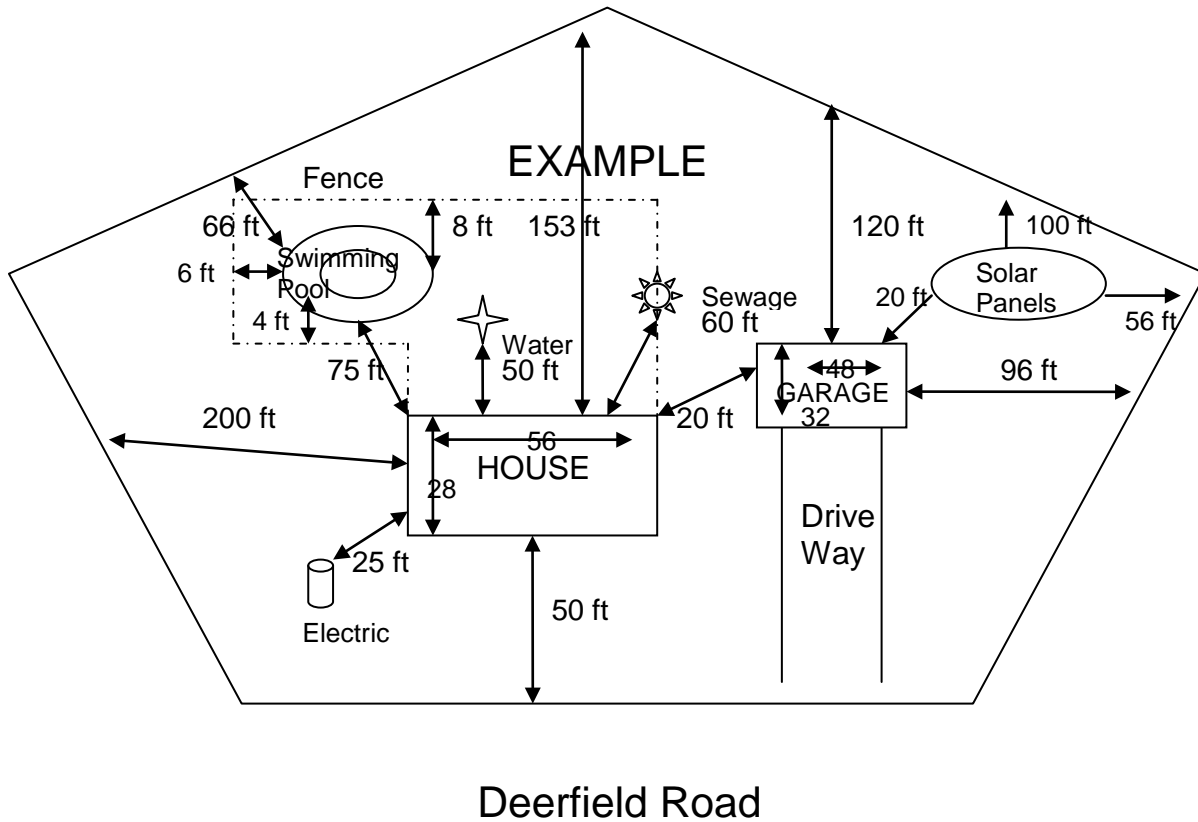
When submitting your application for a Residential project please include the following:

1. Completed Building Permit Application
2. If you don't know your tax parcel number for your property, to put on your application, please contact the Tax Office at 724-465-3812.
3. Please submit One (1) if they are 11x17 or smaller, if larger than 11x17 then Two (2) complete set(s) of drawings for your building project.
4. Site Plan on 8 ½ x 11 sheet of paper (only need One (1) copy).
5. Your contractor's workman's compensation and liability insurance. If you are not using a contractor or your contractor doesn't have workman's compensation insurance, please contact our office for the Workman's Comp form so it can be completed in front of a notary.
6. \$25.00 non-refundable application fee – please make checks payable to ***Indiana County Code Division***

# SITE PLAN REQUIREMENTS FOR RESIDENTIAL SWIMMING POOL PROJECTS

The Site Plan drawing shall be submitted on 8 ½ X 11 paper and shall include:

- Distance from property lines and roadway and any other structures on the property.
- Show the outside dimensions of the proposed swimming pool/hot tub.
- All utility layouts (including sewage, electric and water)
- For a proposed swimming pool, show the proposed deck's width and length, and where it will be placed on the swimming pool.



# **PENNSAFE BUILDING INSPECTION SERVICES LLC**

## **POOL / SPA INSTALLATION GUIDE**

This informative guide is intended as an aid for pool/ spa/ hot tub installations. It does not need submitted with your plan submittal. It is however highly recommended that you review it and apply the code data supplied with it.

The following items must be adhered to:

### **GENERAL POOL INFO**

- Location of pool must be so that any overhead service entrance cables are 22.5' from the water level in any direction. If installing a diving board or platform a distance of 14.5' must be maintained.
- If in-ground pool, consideration for any underground utilities should be taken. No non-pool related underground wire within 5' of pool wall unless in approved conduit.
- Pool wiring:
  - a. Feeder wires and branch circuit wires need to be installed in conduit. NM (romex) allowed indoors only in residential.
  - b. Conduit must be of the following type: RMC, IMC, LFNMC, RNC
- Bonding:
  - a. All metal parts of structure & equipment must be bonded
  - b. Exception: isolated parts < 4" in any dimension and do not penetrate the pool structure < 1"
  - c. Bonding with a 8 AWG or larger conductor
- Grounding:
  - a. Grounding conductors must be insulated
  - b. No splices in conductors must land in terminals
- Lighting:
  - Underwater Wet-Niche (light):
    1. Installed where top of fixture lens is not less than 18" below water line
    2. Bonded and secured to shell requiring a tool for fixture removal
    3. Low voltage lines from UL listed transformer separate from line voltage
    4. Over 15 V must be GFCI protected
    5. Connections in Wet-Niche must be potted
    6. Metal parts in contact with pool water need to be corrosion-resistant
    7. Junction boxes for pools must be UL listed for use
  - Dry-Niche:
    1. Provided with means for drainage of water
    2. One equipment-grounding conductor for each conduit entry
  - No-Niche:
    1. UL listed for use
    2. Installed in forming shells connected for each conduit bracket

- **Receptacles and Equipment Locations:**
  - a. Receptacles for circulation and sanitation systems of pools shall be permitted to be located between 6' and 10' from pool wall and be a single rec. GFCI protected with ground and be of a locking type.
  - b. Permanently installed pools require a receptacle at least 6' but no more than 20' from pool wall
  - c. All exterior receptacles within 20' of pool walls need to be GFCI protected
  - d. An accessible disconnecting means for all equipment except lighting shall be located within site of equipment and not less than 5' from pool wall
- **Lighting Outlets:**
  - a. Existing lights less than 5' from pool wall and at least 5' above the water level need to be GFCI protected
  - b. New installation above the pool or within 5' of pool wall need installed at least 12' above the water line
  - c. Indoors lights with a totally enclosed fixture or identified for use can be 7'6" above the water if GFCI protected
  - d. Switches other than ones UL listed need to be at least 5' from pool wall
- **Entrapment protection:**
  - a. All pool and spa suction outlets shall conform to ANSI/ASME A112.19.8M or be a drain grate of at least 12" X 12" or larger or an approved channel drain

#### SPA AND HOT TUB INFO

- **Spas and hot tubs follow same rules as pools except for:**
  - a. Factory assembled units can connect to power source with a 15' cord to a GFIC outlet
  - b. Bond all metal parts within 5' of spa or hot tub
  - c. GFCI protection to spa or hot tub not required if pumps, heaters, lights and other electrical equipment is protected by self contained GFCI UL listed from factory
  - d. No wall switches or appliances within 5' of hot tub or spa
  - e. Indoor locations: Light fixtures permitted less than 7' 6" over spa or hot tub if GFCI protected, enclosed with glass or plastic lens, no exposed metal parts and listed for damp locations.

#### BARRIER PROTECTION INFO

- **Barriers are designed to provide protection against potential drowning by restricting access to swimming pools, hot tubs and spas:**
  - a. The barrier must be at least 48" to the top above the finish grade
  - b. Openings in barrier shall not allow a 4" diameter sphere to pass through
  - c. Access gates for pedestrians shall have a self locking device and be of a self closing type
  - d. The release mechanism for the gate must be at least 54" from the bottom of the gate or be located at least 3" below the pool side of the top of the gate. The gate and barrier shall have no opening larger than 1/2" within 18 inches of the release mechanism.

- e. If a wall of a dwelling serves as part of the barrier all doors that directly access the pool need to be equipped with an audible alarm
- f. Where an above ground pool serves as the barrier the ladder or steps need to be capable of being locked, secured or removed to prevent access
- g. Barriers shall be constructed and located away from structures, equipment or similar objects to prevent them from being used to climb on or over the barriers
- h. Barrier exceptions – hot tubs or spas with a safety cover complying with ASTM F 1346 shall be exempt from these provisions.

### DECK INFO

- Decks:
  - a. Decks built 30" high above grade require guardrail protection
  - b. Plans for deck need to be submitted for approval at time of permit application
  - c. Deck footing must be a minimum of 36" deep for frost protection
  - d. Access to decks around pools must meet above barrier requirements
  - e. Decks cannot cantilever on above ground pool walls without proof from the manufacturer that the pool is capable of supporting the deck

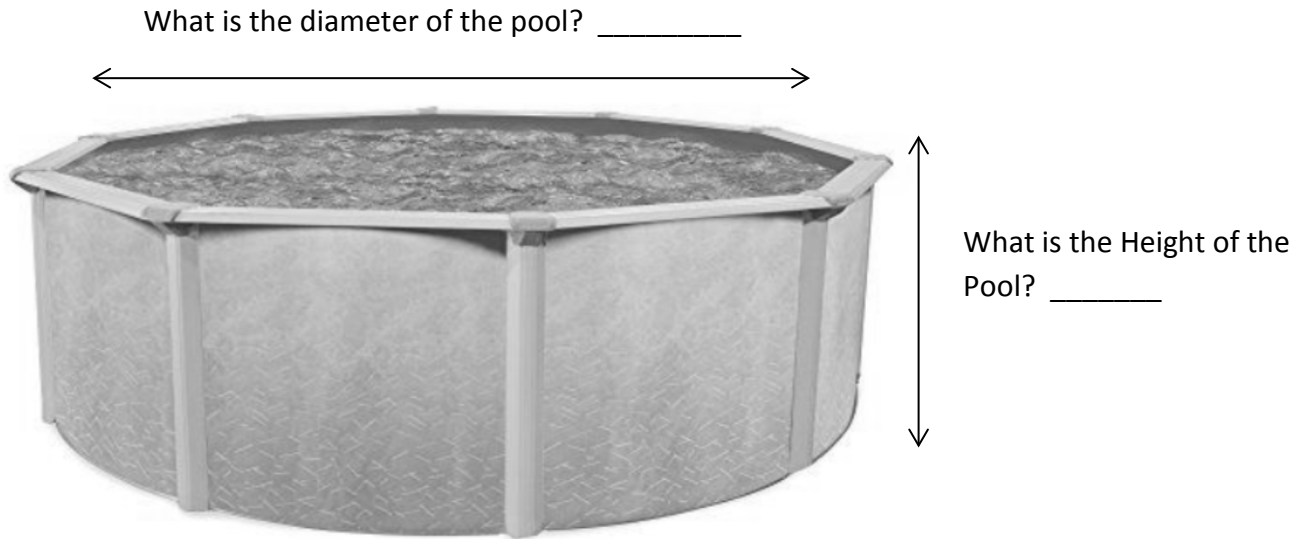
### PORTABLE POOL INFO

- Portable or storable pools:
  - a. Cord connected pumps shall have a double insulated cord and ground that grounds all internal non-accessible metal parts
  - b. Electrical equipment needs protected by GFCI circuit
  - c. Lights for storable pools need to be UL listed with no exposed metal parts

**\*\*IN STRICT ACCORDANCE WITH THE UCC LAW; NO POOL, SPA, HOT TUB OR SIMILAR EQUIPMENT SHALL BE USED UNTIL ALL NECESSARY INSPECTIONS ARE COMPLETED AND APPROVED AND THE CERTIFICATE OF APPROVAL IS ISSUED\*\*.**

# Above Ground Swimming Pool Details

(Please answer the questions on this page)



Type of ladder (check one): removable ladder      locking ladder

Are you planning on building a deck for this pool? \_\_\_\_\_ if yes, please submit deck plans.

**\*\*Please submit any brochure or paper work that may have been given to you or came with the pool. \*\*** (It will be returned with your permit)

# PENNSAFE BUILDING INSPECTION SERVICES LLC

## Deck and Roof Cross Section Submittal

Roof Size: Width: \_\_\_\_\_ Length: \_\_\_\_\_

Roof Type: Gable: \_\_\_\_\_ Hip: \_\_\_\_\_ Shed: \_\_\_\_\_

Roof Pitch: \_\_\_\_\_

(check one) Trusses: \_\_\_\_\_ Rafters: \_\_\_\_\_

Spacing of Trusses or Rafters: \_\_\_\_\_

Rafter Size and Span: \_\_\_\_\_

Ridge Beam: Size: \_\_\_\_\_ Span: \_\_\_\_\_

Roof Sheathing: \_\_\_\_\_

Roof Covering: \_\_\_\_\_

Roof Header Beam: Size: \_\_\_\_\_ Span: \_\_\_\_\_

Deck Size: Width: \_\_\_\_\_ Length: \_\_\_\_\_

Footer Size: Width: \_\_\_\_\_ Length: \_\_\_\_\_

Carrier Beam: Size: \_\_\_\_\_ Span: \_\_\_\_\_

Type of Floor Joist: \_\_\_\_\_

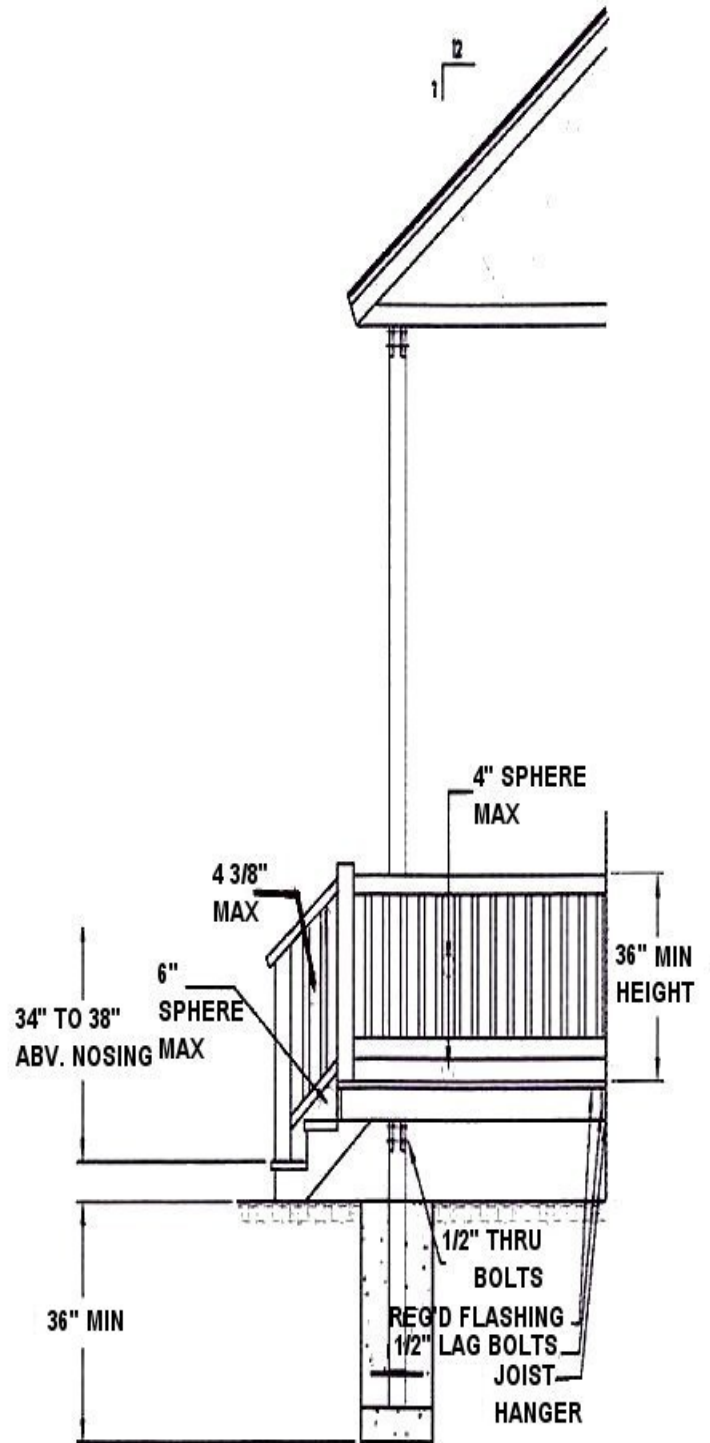
Floor Joist: Size: \_\_\_\_\_ Span: \_\_\_\_\_

Decking Material: \_\_\_\_\_

Number of Steps: \_\_\_\_\_

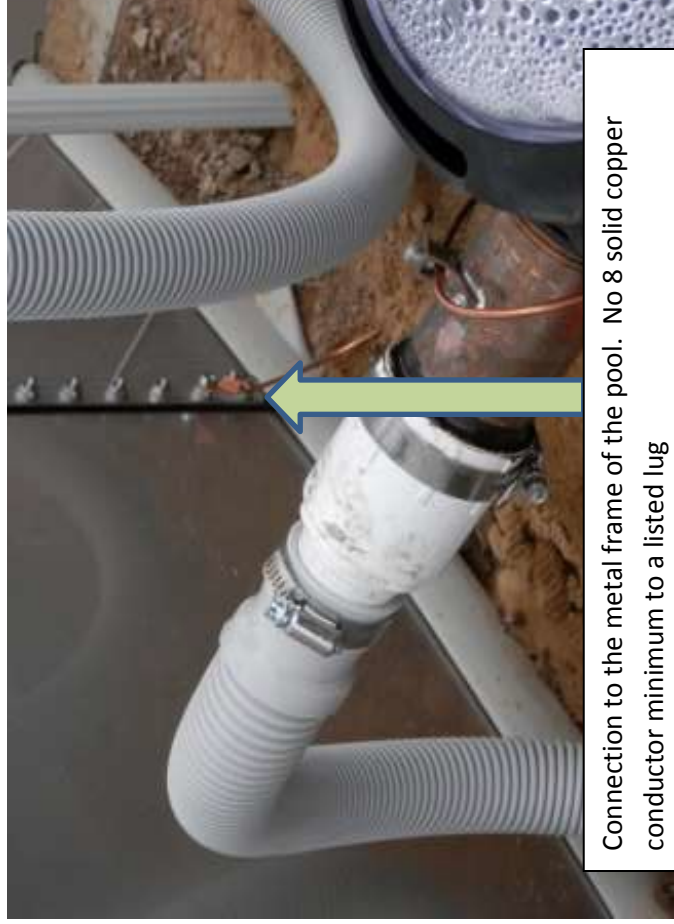
Riser Height: \_\_\_\_\_

Tread Depth: \_\_\_\_\_





# Example of Proper Pool Bonding for an Above Ground Swimming Pool



Connection to the metal frame of the pool. No 8 solid copper conductor minimum to a listed lug



Connection to 9 square inches of conductive metal in contact with the pool water (Use either the picture above or below but not both).



Connection to the back of the pool pump

