

INGROUND POOLS

Building Permit Packet Contents

1. Building Permit Forms
2. Electrical Permit
3. Customer Reference Copies

Important Phone Numbers

Building Inspector

Don Hindman
724-745-8880

Doug Trobovich
724-745-8880

Electrical Inspector

Don Hindman
724-745-8880

Zoning Officer

Dick Martin
724-348-5622 Twp Office
724-348-5702

Asst. Mike Christoff
724-348-5622 Office
412-418-8804

Amendment D to Township Ordinance No. 50 reads:

Swimming Pools: All swimming Pools shall be located at least ten (10) feet from any dwelling or property line. Swimming pools shall not be permitted in the front yard. All swimming pools and the equipment necessary for maintaining the pool shall be completely enclosed by a fence which is at least four (4) feet and no more than six (6) feet in height and which has a self-latching gate. The dwelling may constitute a part of the required enclosure. The pool and fence enclosure shall be located so as to permit a view of the entire pool area from the main level of the dwelling.

Application for Zoning and Building Permit

PERMIT # _____

DATE RECEIVED: _____

SITE ADDRESS _____
CITY _____ ZIP _____
TAX PARCEL # _____

OWNER _____ PHONE # _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PRINCIPAL CONTRACTOR _____ PHONE # _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
ARCHITECT/ENGINEER _____ PHONE # _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____

SETBACKS (from corresponding property line) FRONT _____ REAR _____ SIDE (L) _____ SIDE (R) _____
ZONING DISTRICT _____ LOT SIZE _____ ACREAGE _____
PROPOSED USE OF STRUCTURE _____
DESCRIPTION OF CONSTRUCTION _____
TOTAL SQ. FT. OF CONSTRUCTION _____ CONSTRUCTION COST (estimated) _____
SEWAGE PUBLIC ON-LOT

FLOODPLAIN — Is the site located within an identified flood prone area? (Check One) YES NO
Will any portion of the flood prone area be developed? (Check One) YES NO N/A
Owner/Agent shall verify that any proposed construction activity complies with the requirements of the National Flood Insurance Program and the Pennsylvania Flood Plain Management Act (Act 166-1978), specifically Section 60.3 (d).

ADDITIONAL PERMITS/APPROVALS REQUIRED (if applicable)

- PETERS CREEK SANITARY AUTHORITY Approved _____
- WASHINGTON COUNTY SEWAGE COUNCIL Approved _____
- MAINTENANCE AGREEMENT FOR ON-LOT SEWAGE Approved _____
- PENNDOT HIGHWAY OCCUPANCY Approved _____
- DEP FLOODWAY OR FLOODPLAIN Approved _____

The applicant certifies that all information on this application is correct and the work will be completed in accordance with the "approved" construction documents and PA Act 45 (Uniform Construction Code) and any additional approved building code requirements adopted by the Municipality. The property owner and applicant assumes the responsibility of locating all property lines, setback lines, easements, rights-of way, flood areas, etc. Issuance of a permit and approval of construction documents shall not be construed as authority to violate, cancel or set aside any provisions of the codes or ordinances of the Municipality or any other governing body. The applicant certifies he/she understands all the applicable codes, ordinances and regulations.

Application for a permit shall be made by the *owner* or lessee of the building or structure, or *agent* of either, or by the *registered design professional* employed in connection with the proposed work.

SIGNATURE OF OWNER OR AUTHORIZED AGENT _____

PRINT NAME OF OWNER OR AUTHORIZED AGENT _____

ADDRESS OF AUTHORIZED AGENT/APPLICANT _____

CITY _____ STATE _____ ZIP _____

DATE: _____

Nottingham Township Building Permit Approval and Issuance

1. Upon receipt of approved building permit, such building permit must be posted on the job site so it is visible from the street and remain posted until a final inspection has been made. Approved plans must be at the job site. Where a Certificate of Occupancy is required, such building shall not be occupied until a final inspection has been made.
2. The approved building permit will become null and void if construction work is not started within 180 days of date the permit is issued. Work must be completed within five (5) years of date of issuance.

Required Inspections Provided by Nottingham Township

These inspections (with the exception of the Final) may be scheduled Monday through Friday between 8:00 a.m. and 4:30 p.m. by contacting **Dave DeMotte at 412-821-0337 ext. 28**. Kindly give two (2) working days advance notice.

- **Footing** – prior to pouring but after reinforcement rods are in place.
- **Foundation/Masonry** – before backfilling – wall must be parged and waterproofed sill plate must be wolmanized (if within 8" of grade) with required anchor bolts in place.
- **Electrical** – prior to covering structural members. Permit required. Contact **Emery Yuhas at 412-821-0337 ext. 39** for this permit.
- **Plumbing** – prior to covering structural members.
- **H.V.A.C.** – prior to covering structural members.
- **Framing** – prior to covering structural members, but after H.V.A.C., electrical and plumbing installations. Rough inspections stickers must be on site at this time.
- **Wallboard** – during the installation of the wall coverings.
- **Final Inspection** – prior to occupancy. Electrical and plumbing final inspections stickers must be given on site at this time. All permits require a final inspection.

SIGNATURE: _____ DATE: _____

FOR MUNICIPAL USE

ZONING

APPROVED DENIED N/A

BY _____ DATE _____

COMMENTS/REASON FOR DENIAL _____

BUILDING PERMIT APPLICATION

APPROVED DENIED N/A

BY _____ DATE _____

COMMENTS/REASON FOR DENIAL _____

PERMIT NO. _____

TYPE	CODES <small>(office use only)</small>	FLAT FEE		PERCENTAGE CALCULATION		TOTAL
ZONING CERTIFICATE		\$50.00			=	
RESIDENTIAL BUILDING PERMIT					=	
DEMOLITION PERMIT					=	
STATE FEE (NEW)		\$4.00			=	
STATE FEE (OTHER)		\$4.00				
TOTAL PERMIT						

PAID BY: CASH CHECK Check No. _____

RECEIVED BY: _____ DATE: _____

PERMIT AGREEMENT

In consideration of the issuance by Nottingham Township of a building permit to the undersigned Applicant (the "Applicant"), the Applicant acknowledges that, in reviewing plans and specifications, in issuing permits, and in inspecting the work of the Applicant, employees of Nottingham Township are only performing their duties to require compliance with the minimum requirements of the applicable Ordinances of Nottingham Township pursuant to the police power of Nottingham Township, and are not warranting to the Applicant or to any third party the quality or adequacy of the design, engineering or work of the Applicant. Applicant further acknowledges that it will not be possible for Nottingham Township to review every aspect of the Applicant's design and engineering or to inspect every aspect of the Applicant's work. Accordingly, neither Nottingham Township nor any of its elected or appointed officials or employees shall have any liability to the Applicant for defects or shortcomings in such design, engineering or work, even if it is alleged that such defects or shortcomings should have been discovered during Nottingham Township's review or inspection.

Furthermore, the Applicant agrees to defend, hold harmless and indemnify Nottingham Township, its elected and appointed officials and employees from and against any and all claims, demands, actions and causes of actions of any one or more third parties arising out of or relating to Nottingham Township's review of inspection of the Applicant's design, engineering or work or issuance of a permit or permits, or arising out of or relating to the design, or engineering or work done by the Applicant pursuant to such permit or permits. All references in this Agreement to Applicant's employees, agents, independent contractors, subcontractors or any other persons or entities performing work pursuant to the issuance of the building permit by Nottingham Township.

SIGNATURE: _____ DATE: _____

SAFETY STANDARDS

I am fully aware of the U.S. Department of Labor, Occupation Safety and Health Administration (OSHA) standards and understand that I must comply with these standards for the duration of my construction project.

SIGNATURE: _____ DATE: _____

**WORKERS' COMPENSATION INSURANCE COVERAGE
AFFIDAVIT OF EXEMPTION (must be attached to Building Permit)**

The undersigned affirms that he/she is not required to provide workers' compensation insurance under the provisions of Pennsylvania's Workers' Compensation Law for one of the following reasons:

- Property owner performing own work.** If property owner does hire contractor to perform any work pursuant to building permit, contractor must provide proof of workers' compensation insurance to Nottingham Township. Homeowner assumes liability for contractor compliance with this requirement.
- Contractor has no employees.** Contractor is prohibited by law from employing any individual to perform work pursuant to this building permit unless contractor provides proof of insurance to the Township.
- Religious exemption under the Pennsylvania Workers' Compensation Law.** All employees of contractors are exempt from workers' compensation insurance. (Attach copies of religious exemption letter for all employees).

SIGNATURE: _____ DATE: _____

WORKERS' COMPENSATION INSURANCE ATTACHED.

ZONING CERTIFICATE/ BUILDING PERMIT INFORMATION

1. Name and current address of applicant/property owner.
2. Phone number of applicant (home/work/cell).
3. Address or location of proposed construction.
4. Contractor's name, address, and phone number.
5. Copy of Contractor's Insurance Certificate for Workers' Compensation. An Affidavit of Exemption is needed if the applicant/owner is exempt from providing Workers' Compensation Insurance (form available at Township Office).
6. Copy of plot plan or property survey or the Washington County Block and Lot Map if plot plan or property survey is not available. The drawing must include the following: (1) location and dimensions of all existing structures; (2) location and dimension of proposed structure; (3) location of well and/or septic (if existing) the front, side, and rear yard distances for all existing and proposed buildings and other structures
7. Estimated cost of construction.
8. Copy of **approved** permit from Washington County Sewage Council for installation of a new septic system or if reconnecting to an existing system.
9. Copy of receipt for paid cost of tap-in fee from Peters Creek Sanitary Authority and Clairton Municipal Authority when connecting to public sewage system.
10. PennDOT Driveway Permit for State Roads (Rte. 136, Valley View, Mingo Church, Little Mingo, Venetia, Ginger Hill, Brownlee, Sugar Run and Linden Roads).
11. **2 copies of building plans.** (We keep a copy of the floor plan, including the basement and garage.)
12. Use & Occupancy Permit prior to using or "occupying" the structure. This is done by the Building Inspector at the completion of construction.

REQUIREMENTS

1. Construction area must be staked prior to issuance of a building permit.
2. Issuance of a building permit by the Township has no effect in regard to the obligation to abide by the covenants or conditions as established by the developer.
3. A stone entrance (minimum 20 feet) is required during construction to allow for control of mud on the road.
4. A sediment control device (silt fence) must be used on all areas of the property where runoff can affect adjoining lots or Township right of way (street surface), until such time as permanent ground cover is in place.
5. All construction vehicles doing work in the Nottingham Forest Plan for construction work on Phases 6, 7 & 8 must use the Dyers Stone Drive entrance from Venetia Road. Please inform your sub contractors of this requirement!
6. **REQUIRED INSPECTION BY PETERS CREEK SANITARY AUTHORITY.** Peters Creek Sanitary Authority must be contacted and inspect all inside sewers and exterior sewer laterals prior to backfilling. Please contact the Peters Creek Sanitary Authority Office at (724) 348-6860 for inspection, tap-in and more details.
7. **DYE TEST REQUIREMENT.** A dye test is required by Peters Creek Sanitary Authority on a newly constructed improvement to real estate that has **not** been previously occupied.
8. **DYE TEST REQUIREMENT ON STRUCTURES REQUIRING USE OF EXISTING SEWAGE SYSTEM.** On any property with an existing dwelling that is adding a structure that will require the use of an existing sewage system will require a dye test before a Use and Occupancy Permit will be issued.
9. Any time that you are tying into an existing on-lot sewage system, contact the Washington County Sewage Council.

Signature

Date

Permit No.

ELECTRICAL PERMIT

LOCATION OF PROPERTY: _____

MUNICIPALITY: _____ COUNTY: _____

CONTRACTOR SAME AS BUILDER CONTRACTOR: _____ (Reg #) _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE: (____) _____ FAX: (____) _____

TYPE OF ELECTRICAL WORK New Additional Repair/Alterations

UTILITY COMPANY: _____

WORK ORDER NUMBER: _____

DESCRIPTION OF WORK: _____

ESTIMATED COST OF ELECTRICAL WORK

NO:	EQUIPMENT	NO:	SIZE	EQUIPMENT	NO:	SIZE	EQUIPMENT
_____	Luminaries	_____	_____	Amp Service Panel	_____	_____	KW Electric Range Receptacle
_____	Receptacles	_____	_____	AMP Sub-Panels	_____	_____	KW Oven/Surface Unit
_____	Switches	_____	_____	AMP Sub-Panels	_____	_____	KW Electric Water Heater
_____	Detectors	_____	_____	KW Dishwasher	_____	_____	HP/KW Space Heater
_____	Pole Luminaries	_____	_____	HP Garbage Disposal	_____	_____	Kw Electric Dryer Receptacle
_____	Spa /Hot Tub	_____	_____	KW Central A/C Unit	_____	_____	KW Baseboard Heat
_____	Swimming Pool	<input type="checkbox"/>	Above Ground	<input type="checkbox"/>	In Ground		
_____	Other _____						
_____	Other _____						
_____	Other _____						

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT AND ACKNOWLEDGES THE SMOKE DETECTOR REQUIREMENTS INVOLVED WITH ALTERATION, REPAIR AND ADDITION PERMITS.

APPLICANT/AGENT SIGNATURE _____ PRINT NAME _____ DATE _____

***** FOR DEPARTMENT USE ONLY *****

MECHANICAL PERMIT APPLICATION APPROVED DENIED

BY: _____ DATE: _____

PERMIT NO. _____

ELECTRICAL PERMIT FEE	\$ _____
MUNICIPAL FEE	\$ _____
TRAINING FEE	\$ 4.00
TOTAL PERMIT FEE	\$ _____



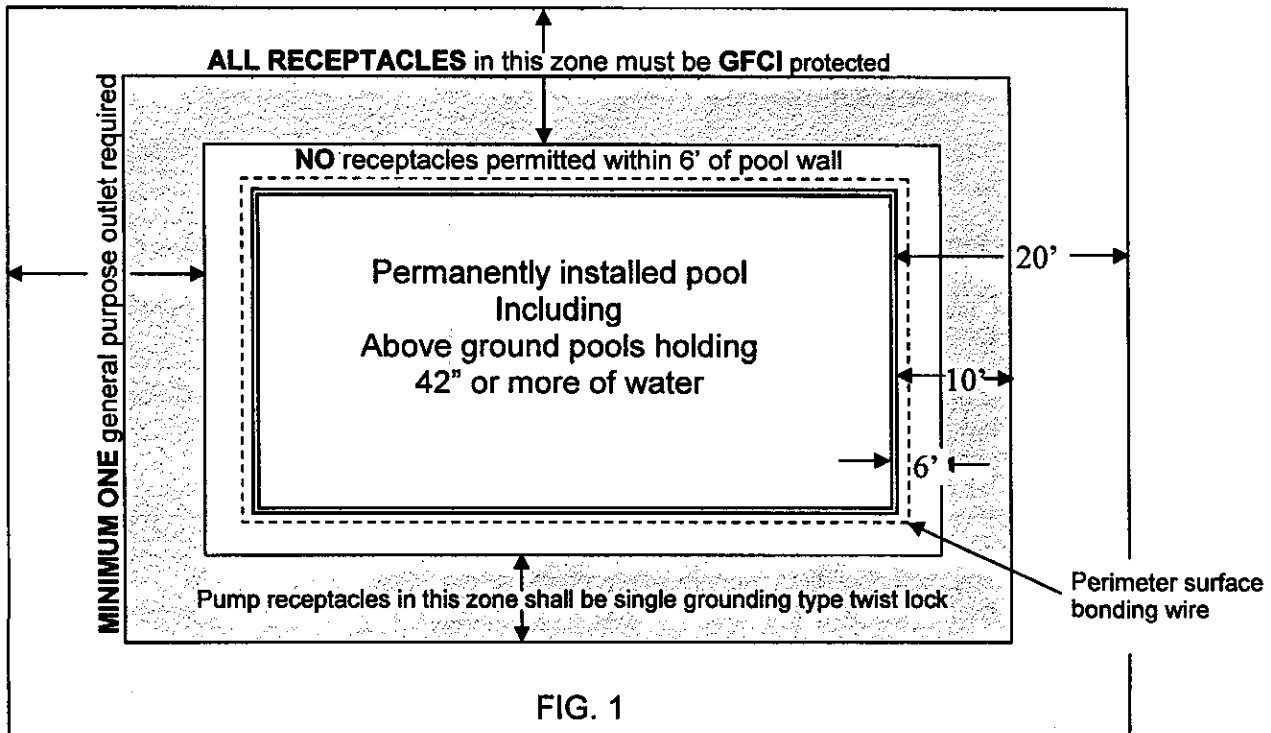
ELECTRICAL REQUIREMENTS FOR POOLS, SPAS AND HOT TUBS



The following is use as reference only, **IT IS NOT** the intent that this document to be used as an instructional guide nor does it address all situations. References materials are from the 2009 International Residential Code and 2008 National Electric Code.

1. Location of Receptacles

- a. NO receptacles shall be placed within 6 feet of the pool
- b. All outlets for 15 and 20 ampere, 125 or 240 volt circuits for swimming pool pump motors shall be GFCI protected regardless of proximity to pool and whether the pump is plug and cord or hard wired.
- c. Receptacles for pumps and other equipment provided for the circulation and or sanitation of the water shall be not less than 10 feet from the pool wall or if all of the following exist not less than 6 feet:
 - (1) Consist of a single receptacle
 - (2) Has locking capabilities such as twist lock
 - (3) Is the grounded type
 - (4) Has GFCI protection
- d. An additional 15 or 20 amp general purpose receptacle shall be located between 6 feet and 20 feet from the inside wall of the pool. This receptacle shall be GFCI protected and located no higher than 6 feet 6 inches above the floor, platform or grade and may be installed with out conduit so long as it is approved for direct burial and 12 inches below grade.
- e. All outside receptacles shall be supported by a 4 x 4 post or equivalent.
- f. All outside receptacles shall have in use covers. (Bubble Covers)
- g. Under water luminaries (lights) shall be installed in accordance with manufactures instructions, NEC 680.23 and IRC 4206.4.



2. Pool Pump and Accessories

- a. Pool pump and accessories shall be at least 3 feet from the pool
- b. A flexible cord and plug for pool pumps shall be no longer than 3 feet and have a min. #12 AWG equipment grounding conductor and a grounding type attachment plug (See 1.B above)
- c. Permanently wired equipment shall be provided with a means disconnection within site of the equipment and no closer than 5 feet from the inside wall of the pool, hot tub or spa.

3. Wiring Methods

- a. Except as modified by the code for special circumstances, circuits installed for pool assisted motors shall be in ridged metal conduit, intermediate metal conduit, reinforced thermosetting resin conduit, ridged poly vinyl chloride conduit or type MC cable listed for the location.

<u>(1) Type Conduit</u>	<u>Minimal burial depth (in)</u>
Ridged metal conduit	6
Intermediate Metal Conduit	6
Nonmetallic for direct burial raceways	18 (May be reduced to 12" if 15 / 20 amp GFCI)
Other approved raceways	18

- b. **Grounding** - Any wiring method shall contain an additional insulated copper equipment grounding wire sized accordingly but not any smaller than 12 AWG.
- c. **Bonding** - All metal parts within 5 feet of the pool wall shall be accomplished with solid copper wire, insulated or bare, not less than #8 AWG or ridged metal conduit of brass or other corrosion resistant metal. (See FIG. 2)

- (1) Bonding shall include but not be limited to: Conductive pool shells, including concrete, structural reinforcing steel or copper conductor grid if reinforcing steel is epoxy coated, 3 feet of the perimeter surface whether paved or unpaved, all metallic parts of the pool, underwater lighting, metal fittings within or attached to the pool, metal parts of pool electrical equipment including any metal conduit or other wiring method, pumps, heaters, covers, etc. **Exception:** Double insulated motors,
- (2) Perimeter surface bonding shall extend 3 feet from the inside walls of the pool and attached to the conductive surfaces of the pool in 4 uniformly spaced parts around the pool. Bonding may be accomplished by one of the following: (See FIG. 1)
- Bonding of the structural steel or copper grid in concrete or for paved areas.
 - A minimum 8 AWG bare solid copper wire around the perimeter of the pool between 18 and 24 inches from the pool wall and not less than 4 inches or more than 6 inches below the sub grade for **paved or unpaved** areas.
- (3) An intentional bond of a min. conductive surface of 9 square inches shall be installed in contact with the pool water at all times. (See Fig. 3)

4. Protective Barriers (General requirements not all inclusive)

- a. All outdoor pools, hot tubs or spas containing 24" or more of water shall be protected by a barrier which complies with appendix G of the International Residential Code:
- (1) Barriers shall be at least 48" from grade. (The sides of above ground pools is sufficient so long as the top is 48" from grade)
- (2) Openings in barriers shall not allow the passage of a 4" sphere.
- (3) Gates shall be self closing and latching.
- (4) Where a wall or walls of a dwelling serve as part of the barrier one of the following shall be provided:
- The pool shall be equipped with a power safety cover
 - Doors / screens with direct access shall be equipped with and audible warning device with deactivation switch 54" off the floor
 - Doors shall be equipped with self closing and latching devices
- (5) Ladders or steps for above ground pools must be capable of being secured, locked or removed.
- (6) Spas and hot tubs equipped with a safety cover complying with ASTM F1346 are exempt from the barrier requirements.

FIG. 2

All fixed metal parts within 5 feet of the of the inside walls of the pool shall be bonded unless separated by a permanent barrier

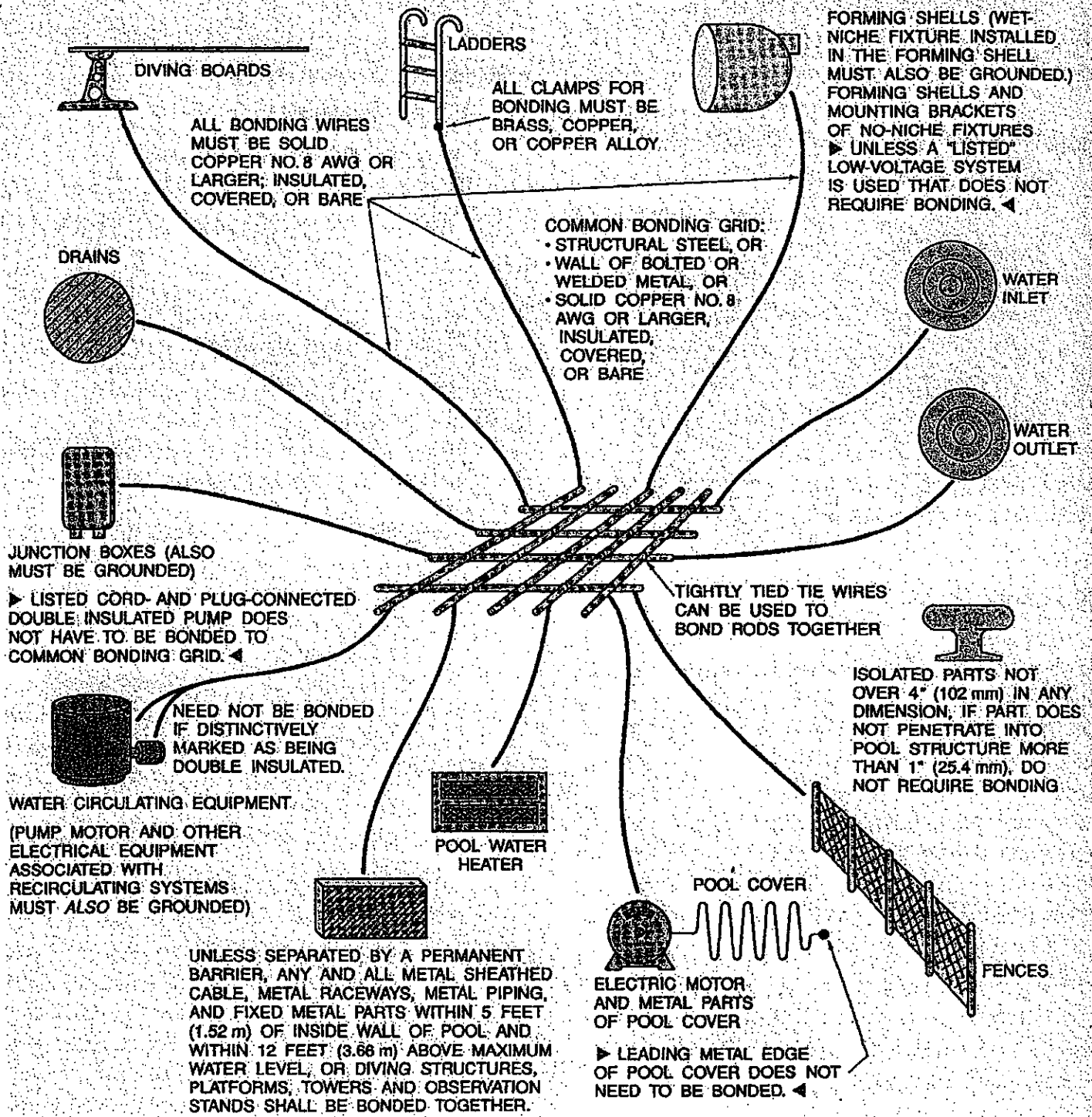
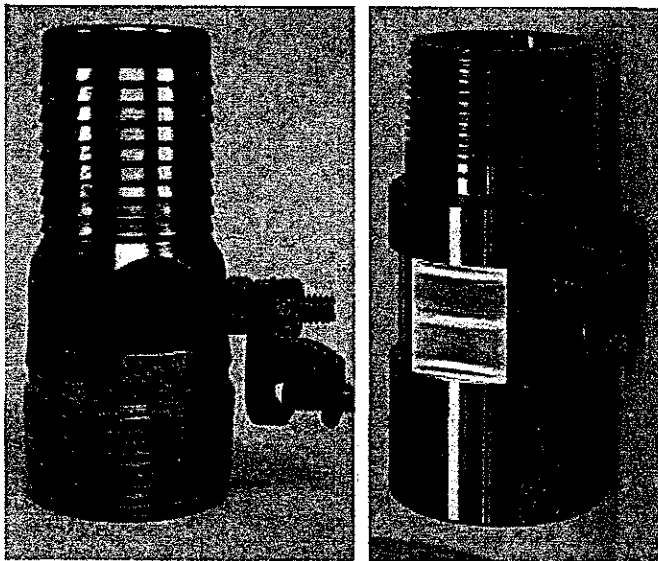
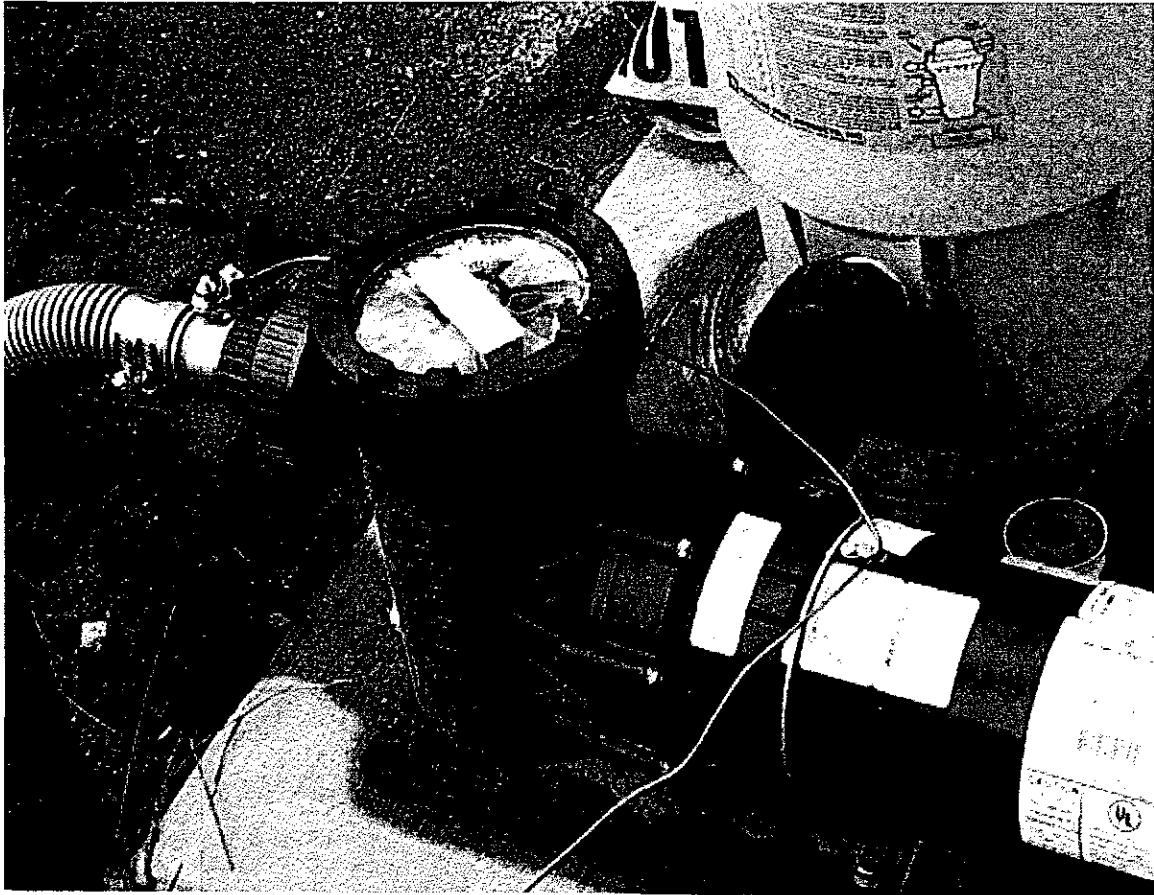


FIG. 3

One example of bonding for pools with no conductive items in contact with water



WATER BONDING

1. Water in concrete pools with bonded reinforcing steel is considered bonded. No additional bonding is required.
2. Water with bonded metal ladders, drains, lighting or other over 9 square inches is considered bonded.
3. Shown her is one method of water bonding for non conductive pools. Follow manufactures instructions for installation