



# 2014 Swimming Pool/HotTub/Spa Permit Application

2801 89<sup>th</sup> Street, Sturtevant, Wisconsin 53177-0595  
262-884-2488 for Inspections

DATE: \_\_\_\_\_ PERMIT NO: \_\_\_\_\_ TAX KEY NO: \_\_\_\_\_

OWNER'S NAME: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

**JOB SITE ADDRESS:** \_\_\_\_\_

### PLAN REVIEW FEE:

Above Ground, Less than 1200 Cu. Ft. – \$35.00  
Above Ground, More than 1200 Cu. Ft. – \$70.00  
Above Ground, Less than 1200 Cu. Ft. – \$35.00  
In-ground Swimming Pool – \$70.00

### POOL PERMIT FEE:

Above Ground, Less than 1200 Cu. Ft. – \$35.00  
Above Ground, More than 1200 Cu. Ft. – \$70.00  
Above Ground, Less than 1200 Cu. Ft. – \$35.00  
In-ground Swimming Pool – \$70.00

DESCRIPTION: Above Ground: \_\_\_\_\_ In Ground: \_\_\_\_\_ (Check One)

Pool Depth: \_\_\_\_\_ Pool Length: \_\_\_\_\_ Pool Width: \_\_\_\_\_

\$ \_\_\_\_\_ + \$ \_\_\_\_\_ = \$ \_\_\_\_\_  
Pool Permit Fee Plan Review Fee Total Fee

### HOT TUBS/SPAS: - Total Fee-\$70.00

DESCRIPTION: Out Doors \_\_\_\_\_ In Doors \_\_\_\_\_

- COMPLIANCE WITH BUILDING CODE 14.40 REQUIRED REGARDING FENCES AND ACCESS
- ATTACH A SITE PLAN OF THE PROPERTY SHOWING THE PLACEMENT OF THE POOL OR SPA
- POOLS, SPAS AND HOT TUBS SHALL COMPLY WITH APPLICABLE ZONING LAWS & COVENANTS
- VERIFY UNDERGROUND/ OVERHEAD ELECTRIC SERVICES ARE CLEAR OF THE POOL OR SPA PER CODE
- AN ELECTRICAL PERMIT IS REQUIRED\_ WIRING MUST COMPLY WITH NEC ARTICLE 680
- OWNERS THAT APPLY FOR PERMITS READ AND SIGN THE CAUTIONARY STATEMENT
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Value of Work \$ \_\_\_\_\_

**NOTE: No POOLS Allowed in Front Yards**

**MINIMUM FEE: \$35.00** *ALL FEES EFFECTIVE JANUARY - 2014*

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CONTRACTORS CREDENTIAL# \_\_\_\_\_

COMPANY NAME: \_\_\_\_\_ PHONE # \_\_\_\_\_

STREET: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

APPLICANTS SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**BUILDING INSPECTOR**

It is hereby agreed between the undersigned (as owner or agent) and the Village of Sturtevant, that for and in consideration of the premises and of the permit for the execution of electrical installation for light, heat or power as above described, to be issued and granted by the inspector of buildings, that the work will be done in accordance with the descriptions set forth in this statement, and it is further agreed to alter or install same in strict compliance with the Ordinances of the Village of Sturtevant, with Wisconsin Statutes and Administrative Code, and to obey any and all lawful orders of the Electrical Inspector of the Village of Sturtevant. This permit will grant only two trips with one re-inspection for rough, final, and building service if needed. Additional trips, when needed, will be billed as re-inspection fees per trip. To schedule inspections call (262) 886-7201.



**2014 ELECTRICAL PERMIT APPLICATION**

2801 89<sup>th</sup> Street, Sturtevant Wisconsin, 53177-0595

DATE: \_\_\_\_\_ PERMIT NO: \_\_\_\_\_ TAX KEY NO: \_\_\_\_\_

OWNER'S NAME: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

**JOB SITE ADDRESS:** \_\_\_\_\_

DESCRIPTION: \_\_1-Family\_\_ 2-Family\_\_ Other \_\_\_\_\_

JOB DESCRIPTION: \_\_\_\_\_

**A - NEW RESIDENTIAL CONSTRUCTION UNIT CHARGE:**

1 Bedroom Res. Unit	\$70.00	x	# of Units =	\$
2 Bedroom Res. Unit	\$75.00	x	# of Units =	\$
3 Bedroom Res. Unit	\$100.00	x	# of Units =	\$
4 Bedroom Res. Unit	\$125.00	x	# of Units =	\$

**Subtotal A \$** \_\_\_\_\_

**B - AMPERE SERVICE CHARGE (For All New/ Upgraded Services)**

100 Amp Service Charge	\$70.00	\$
200 Amp Service Charge	\$75.00	\$
400 Amp Service Charge	\$100.00	\$
600 Amp Service Charge	\$115.00	\$
800 Amp Service Charge	\$150.00	\$

**Subtotal B \$** \_\_\_\_\_

<b>C - CIRCUIT CHARGE</b>	#of Circuits	x	\$1.95/ ea circuit =	<b>Subtotal C \$</b>
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**D - COMMERCIAL / INDUSTRIAL / AGRICULTURE WORK:**

1. Work costing \$50.00 to \$500.00 is \$3.75 for each \$100.00 of work or fraction thereof: \$ \_\_\_\_\_
2. Work costing \$500.00 to \$10,000.00 is \$50.00 for the first \$500.00 of work plus \$3.25 for each \$100.00 of work or fraction thereof: \$ \_\_\_\_\_
3. For electric work costing over \$10,000.00 the fee shall be \$325.00 plus \$2.00 per \$100.00 of work or fraction thereof: \$ \_\_\_\_\_

**Subtotal D \$** \_\_\_\_\_

**TOTAL ESTIMATE OF ELECTRICAL WORK \$** \_\_\_\_\_

**TOTAL \$** \_\_\_\_\_

**RE-INSPECTION FEE: \$175.00**

**MINIMUM FEE: \$70.00**

**FEES EFFECTIVE: JAN 1, 2014**

COMPANY NAME: \_\_\_\_\_ PHONE # \_\_\_\_\_

STREET: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

CONTRACTOR CREDENTIAL # \_\_\_\_\_ MASTER ELECTRICIAN # \_\_\_\_\_

APPLICANT SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

ELECTRICAL INSPECTOR

It is hereby agreed between the undersigned (as owner or agent) and the Village of Sturtevant, that for and in consideration of the premises and of the permit for the execution of electrical installation for light, heat or power as above described, to be issued and granted by the inspector of buildings, that the work will be done in accordance with the descriptions set forth in this statement, and it is further agreed to alter or install same in strict compliance with the Ordinances of the Village of Sturtevant, with Wisconsin Statutes and Administrative Code, and to obey any and all lawful orders of the Electrical Inspector of the Village of Sturtevant. This permit will grant only two trips with one re-inspection for rough, final, and building service if needed. Additional trips, when needed, will be billed as re-inspection fees per trip. **To schedule inspections call (262) 886-7201.**

2008 NATIONAL ELECTRICAL CODE & SPS 316

SWIMMING POOL WIRING                      NEC ARTICLE 680

- 680.5      GFCI's that are required may be either breakers or receptacle type.
- 680.7      Max. cord length for a pump motor is 3' except for storable pools.
- 680.8      Overhead wire clearance is min. 10' horizontal from the pool wall.
- 680.10     Underground wiring less than 5' from pool needs to be in approved conduit.
- 680.12     A means of disconnection such as a switch or plug must be within sight of the equipment served.
- 680.21(A)(1) Branch circuits for pump motors shall be in rigid, intermediate or non metallic conduit or MC cable. UF cable is not allowed because the equipment ground must be insulated. Exceptions apply where wiring is on or within buildings. Flex is allowed at the pump motor.
- 680.22(A)(1) Receptacles for pump motors between 6' to 10' from the pool wall must be locking type, grounded, single outlet and GFCI protected.
- 680.22(A)(2) Other Receptacles shall be at least 6' from the pool wall and GFCI protected.
- 680.22(A)(3) At least one general purpose receptacle from 6' to 20' away is required for pools at 1 & 2 family homes and other dwelling units.
- 680.26     Perimeter bonding and water bonding is required for permanent aboveground pools and inground pools. A minimum #8 AWG copper wire (ground ring) must be installed around the pool 4" to 6" below grade, 18" to 24" from the pool and connect to the pump motor, heater and the pool water.
- 680.26(C) The pool water must be bonded to at least 9 sq" of metal.  
This may be accomplished by:
1. Bonding to a pool water heater.
  2. Installing a metal pipe nipple in the water circulation system so a ground strap may be attached to it.
  3. Other approved methods.
- 680.30     Storable pools (temporary pools) do not need water bonding or a ground ring. They shall be provided with a GFCI receptacle with a weather proof cover to allow attachment of the factory installed pool pump cord. The receptacle shall be at least 6' from the pool. Extension cords shall not be used.

Above Ground Swimming Pool Electrical Wiring 2008 NEC 680 & SPS 316

UF cable is prohibited as a feeder for pool pump motors. NEC 680.21

All receptacles must be GFCI protected and at least 6' from the pool wall. NEC 680.22

The pool pump motor receptacles are allowed to be 6'-10' away provided they are:

Single, locking type, GFCI protected. NEC 680.22 (A)(1)

At least 1 GFCI general purpose receptacle must be provided between 6' - 20' from the pool wall. NEC 680.22 (A)(3)

Overhead Wiring clearance from the pool wall is a minimum of 10'. NEC 680.8

Underground Wiring clearance from pool wall minimum 5'. NEC 680.10

A min. #8 AWG copper wire shall be installed around the pool 18" to 24" from the pool wall and 4" to 6" below grade. NEC 680.26 (B)(2)

The pool water shall be bonded to a minimum of 9 sq" of area. NEC 680.26 (C)

(The water may be bonded with a pool water heater, a metal pipe nipple in the circulation system, etc.)

