



COMMUNITY DEVELOPMENT DEPARTMENT

Residential Pool / Spa Requirement Information Form

Please review this entire form to confirm all building and zoning requirements have been fulfilled. The building code for pools is very strict and it is critically important for safety. It is strongly recommended that work on pools is performed by a licensed contractor experienced in pool installation.

STEP 1: REQUIRED DOCUMENTS

- BUILDING PERMIT** – Permit should include site plans containing lot lines, existing and proposed buildings, setbacks and dimensions (*Provide two (2) full size and one electronic copy*)
- ELECTRICAL PERMIT** – Required for construction or replacement of above ground and inground pools.
- MECHANICAL PERMIT** – Required for all projects with heaters.
- KENT COUNTY ENVIRONMENTAL HEALTH REVIEW** – Required for any construction of pools on a parcel that utilizes onsite water or sewer.
 - Complete form and submit to Kent County Health Department
 - Submit complete form to the City of Walker Community Development Department with application
- SWIMMING POOL, SPA AND HOT TUB BARRIER RESPONSIBILITY FORM**
Required for any construction of pools, spas and/or hot tubs. Be aware that many times there is confusion over who is responsible for construction of the required pool barrier. The contractor and homeowner should discuss this prior to submitting a building application and document the agreement using this form.

CONTACT INFORMATION

City of Walker CDD
4243 Remembrance Road
Walker MI 49534
Phone: 616-791-6858
Sherry Wierzbicki: swierzbicki@walker.city
Andrea Hendrick: ahendrick@walker.city

STEP 2: INSPECTION REQUIREMENTS

Home owners or contractors may schedule inspections online at bsaonline.com or contact the City of Walker Community Development Department. A contractor must be registered with the City of Walker.

ELECTRICAL

- Underground
- Final

MECHANICAL

- Underground
- Final

BUILDING

- Final – Electrical & mechanical inspection must be complete prior to the building final.

PACKET DOCUMENTS

Document for reference:

- 1) Electrical Guidelines: Pools & Hot Tubs
 - 2) Electrical Guidelines: Storable Pools
 - 3) Pool Bonding Fact Sheet
 - 4) Sec. 94-338. – Swimming pool section of the City of Walker Zoning Ordinance
- *Section of the 2015 International Swimming Pool and Spa Code available by request

Documents for submission:

- Building Permit
- Electrical Permit
- Mechanical Permit (*if applicable*)
- Kent County Environmental Health Review (*if applicable*)
- Swimming Pool, Spa, & Hot Tub Barrier Responsibility Form

Kent County Health Department
Environmental Health Division
700 Fuller Ave NE
Grand Rapids, MI 49503
Phone: 616-632-6890
Email: kcehmail@kentcountymi.gov

Pools and Hot tubs

Electrical guidelines based on the 2015 Michigan Residential Code

This is not a complete set of electrical rules. This is a guideline only. If you have any questions please contact us. Our goal is to help ensure that your project goes as smoothly as possible.

Getting started:

1. Before beginning any electric work you must first apply for and receive a written electrical permit. **Work cannot be started until an electrical permit is obtained.**
2. A permit may be issued to a homeowner who occupies or will occupy a single family dwelling and other accessory structures located on the same lot intended for use by the homeowner for which the permit is obtained and who will install the electrical equipment as certified by the homeowner on the permit application pursuant to the act. **Homeowner electrical permits shall not be obtained for rental properties or commercial properties. An Electrical Contractor licensed by the State of Michigan shall obtain electrical permits for rental properties and commercial properties.**
3. It is the permit holders' responsibilities to call for all necessary inspections prior to the concealment of any electrical wiring or equipment. If work is covered prior to an inspection the wall and or floor covering may be ordered to be removed.
4. Permits will expire if work is not started within 6 months of the permit issue date or if the work has been abandoned for a period of 6 months.

Equipment locations and clearances:

1. Receptacle outlets shall not be located closer than 6 feet to the inside wall of a pool or hot tub. At least one receptacle outlet is required no more than 20 feet from a pool or hot tub. Receptacle outlets installed outdoors in a wet location shall be listed weather-resistant type and shall include an enclosure that is listed extra duty and is weatherproof while in use and cord is attached.
2. Switches shall not be located closer than 5 feet from the inside walls of a pool or hot tub. A disconnecting means is required for pool motors and hot tubs. Disconnecting means shall be within sight of the motor or hot tub but shall not be closer than 5 feet from the pool or hot tub.
3. Luminaires and paddle fan ceiling fans around outdoor pools and hot tubs shall not be installed over the pool or the area extending 5 feet from the inside walls of the pool or hot tub except where no part of the luminaire or paddle fan ceiling fan is less than 12 feet above the maximum water level. Existing luminaires that are located within 5 feet from the inside walls of a pool or hot tub and are not less than 5 feet above the maximum water level is permitted to remain if the luminaires are rigidly attached to the structure and is protected by a ground fault circuit interrupter.
4. Underground wiring shall not be installed under or within the area extending 5 feet from the inside walls of the pool or hot tub unless the wiring is necessary to supply the pool equipment. Rigid metal and intermediate metal raceways are required to have a minimum of 6 inches of cover. Rigid Nonmetallic (PVC) raceways are required to have a minimum of 12 inches of cover.

Timers:

1. Time switches or other control methods that can automatically turn off and on heaters and pumps according to a preset schedule shall be installed on all heaters and pumps.

Wiring methods:

Note-Branch circuit conductors are the conductors between the final overcurrent device and the outlets. Feeder conductors are the conductors between the source or panelboard and the final branch circuit overcurrent device.

1. **Pool motors and hot tubs WITHOUT underwater luminaires.**

Conductors used as branch circuit wiring:

Indoors-wiring may be type NM cable containing an uninsulated grounding conductor.

Outdoors-wiring shall be in a raceway with single conductors containing an insulated grounding conductor. NM, UF or SER type cable cannot be used outdoors.

2. **Hot Tubs WITH underwater luminaires.**

Conductors used as branch circuit wiring:

Indoors or outdoors- wiring shall be in a raceway with single conductors containing an insulated grounding conductor. NM, UF or SER type cable cannot be used.

Conductors used as feeders:

Indoors-wiring may be NM or SER type cable containing an insulated grounding conductor.

Outdoors-wiring shall be in a raceway with single conductors containing an insulated grounding conductor. NM, UF or SER type cable cannot be used outdoors.

3. **Pool equipment panelboards.**

Conductors used as feeders:

Indoors-wiring may be NM or SER type cable containing an insulated grounding conductor.

Outdoors-wiring shall be in a raceway with single conductors containing an insulated grounding conductor. NM, UF or SER type cable cannot be used outdoors.

4. **Flexible Cords**-Fixed or Stationary equipment other than underwater luminaires are permitted to be connected with flexible cords not exceeding 3 feet in length. Flexible cords shall include a copper equipment grounding conductor not smaller than 12 AWG. Flexible cords shall terminate in a grounding type attachment plug.

Ground Fault Circuit Interrupter Protection (GFCI):

1. Receptacles located within 20 feet of the inside walls of a pool or outdoor hot tubs shall be protected by a GFCI.
2. Pool pump motors 120 volts through 240 volts, single phase, receptacle or direct connected shall be protected by a GFCI.
3. Luminaires and lighting outlets installed between 5 feet and 10 feet from the inside walls of pools or outdoor hot tubs shall be protected by a GFCI unless they are installed not less than 5 feet above the maximum water level and they are rigidly attached to the structure.
4. Underwater luminaires that operate at more than the low-voltage contact limit shall be protected by a GFCI. LOW VOLTAGE CONTACT LIMIT is a voltage not exceeding the following values. 15 volts (RMS) for sinusoidal AC. 21.2 volts peak for nonsinusoidal AC. 30 volts for continuous DC. 12.4 volts peak for DC that is interrupted at a rate of 10 to 200 Hz. Be sure to follow the installation instructions when installing underwater luminaires. The instructions will explain allowable wiring methods and GFCI requirements.
5. Spas and hot tubs shall be protected by a GFCI.
6. Electrically operated pool covers shall be protected by a GFCI.

Bonding: Equipotential bonding is required for permanently installed pools and hot tubs to reduce voltage gradients in the prescribed areas. This is done in order to reduce shock hazards if a person comes in contact with two separate conductive surfaces at the same time. You are required to connect each and every separate metal part and conductive surfaces together so they all have the same potential. This is done either mechanically or by connecting a #8 AWG or larger solid copper conductor to each object and surface. You must use connections that are listed for the location such as direct burial or concrete encased. Machine screws must engage not less than two threads or be secured with a nut. Sheet metal screws shall not be used. This bonding wire is not required to be connected to any remote panelboards or to any ground rods.

The prescribed area required to be bonded together are as follows.

1. **Fixed metal parts.** All metal parts located within 5 feet of the pool or hot tub walls shall be bonded. These metal parts include but are not limited to metal piping, metal awnings, metal fences, metal door and window frames, metal post, metal pool ladders, and metal underwater lighting.
2. **Metallic components.** All metallic parts of the pool structure shall be bonded.
3. **Metal fittings.** All metal fittings within or attached to the pool shall be bonded except small parts not over 4 inches in any dimension and do not penetrate into the pool more than 1 inch.
4. **Electrical equipment.** Metal parts of electrical equipment associated with the pool water circulation system including pump motors and pool covers shall be bonded.
5. **Underwater luminaires.** All metal forming shells and mounting brackets except low voltage nonmetallic forming shells.
6. **Conductive pool shells.** Conductive pool shells shall be bonded. These are pools constructed of poured concrete, pneumatically applied or sprayed concrete, and concrete block. Vinyl liners and fiberglass composite shells are NOT considered conductive pool shells.
7. **Perimeter surfaces.** You are required to bond the perimeter surface extending 3 feet beyond the inside walls of the pool and shall include unpaved surfaces, poured concrete surfaces and other types of paving. This is done by running a #8 AWG or larger copper conductor around the pool 18 to 24 inches from the pool wall and buried 4 to 6 inches below the surface or secured within the concrete. If the pool has a conductive pool shell the perimeter surface bond shall be attached to the pool reinforcing steel at a minimum of 4 points uniformly spaced around the pool.
8. **Pool water.** Where none of the bonded parts are in direct contact with the pool water, the pool water will need to be bonded by a conductive surface not less than 9 in² in contact with the pool water at all times. This could be achieved by a corrosion resistant plate installed in the pool strainer or a water bonding fitting installed in the circulation lines.

To simplify, in most applications you will need to run a #8 solid copper conductor starting at the pool pump motor and continuing around the pool and attaching it to each metal part around the pool including a metal post of an aboveground pool and connecting it to the water bonding plate or fitting. The copper conductor circles around the pool approximately 20 inches out from the walls and is buried 5 inches below the surface. The conductor does not need to hook up to anything at the farthest end. Any areas you have a wood deck around your pool the perimeter bond is not required.

Storable pools

Electrical guidelines based on the 2015 Michigan Residential Code

This is not a complete set of electrical rules. This is a guideline only. If you have any questions please contact us. Our goal is to help ensure that your project goes as smoothly as possible.

Definitions. Storable Swimming pools. Those that are constructed on or above the ground and are capable of holding water with a maximum depth of 42 inches, **OR** a pool with nonmetallic, molded polymeric walls or inflatable fabric walls regardless of the dimensions.

Cord and Plug connected pool filter pumps shall be provided with a ground fault circuit interrupter that is an integral part of the attachment plug or located in the power supply cord within 12 inches of the attachment plug.

Ground-fault circuit-interrupters are required for all 125v, 15 and 20 amp receptacles that are located within 20 feet of the inside walls of a storable pool.

Receptacle outlets shall not be located less than 6 feet from the inside walls of a storable pool.

Supply Cords shall not be ran through any doorways or windows.

Extension cords may **NOT** be used for supplying pool pumps for storable pools.

Storable pools shall be used according to the listings and installed according to the manufacture installation instructions.

***If there is not an exterior GFCI protected receptacle outlet located for the storable pool pump motor to plug into without using an extension cord you will need to add a receptacle outlet. An electrical permit will be required prior to the installation of any electrical wiring.

1. Before beginning any electric work you must first apply for and receive a written electrical permit. **Work cannot be started until an electrical permit is obtained.**
2. A permit may be obtained by a homeowner who occupies or will occupy a single family dwelling and other accessory structures located on the same lot intended for use by the homeowner for which the permit is obtained and who will install the electrical equipment as certified by the homeowner on the permit application pursuant to the act. **Homeowner electrical permits cannot be obtained for rental properties or commercial properties. An Electrical Contractor licensed by the State of Michigan shall obtain electrical permits for rental properties and commercial properties.**
3. It is the permit holders' responsibilities to call for all necessary inspections prior to the concealment of any electrical wiring or equipment. If work is covered prior to an inspection the wall and or floor covering may be ordered to be removed.
4. Permits will expire if work is not started within 6 months of the permit issue date or if the work has been abandoned for a period of 6 months.

POOL BONDING

Standard summary of NEC 680.26 / MRC E4204.2

**This is for illustrative purposes only and does not address all standards of the Michigan Electrical and Building Code*

Water Bonding 3 possible options listed below [680.26(C), E4204.3]



Perma cast PBAG



Burndy BWB680



PB 2008

Perimeter Bonding

[680.26(B)(2), E4204.2(2)] #8 solid copper 18"-24" out and located in concrete pad or buried 4"-6" below grade



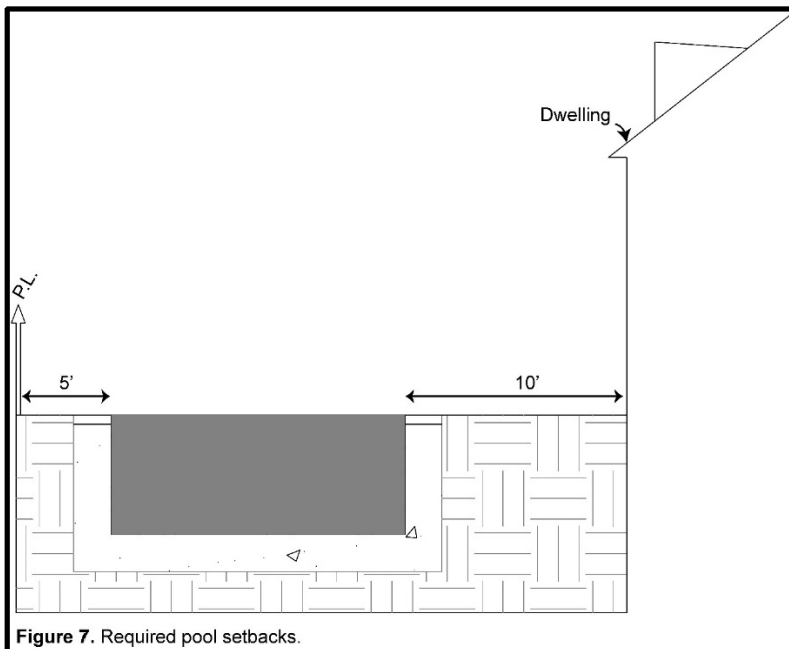
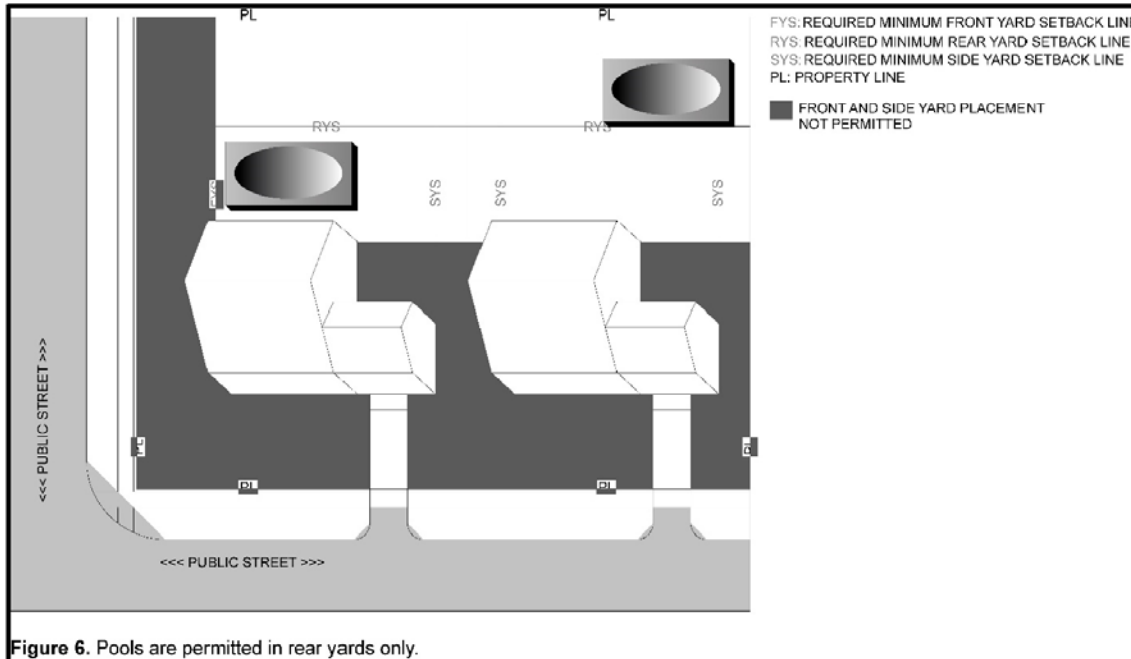
Pump and Conductive pool bonding

[680.26(B)(3), 680.26(B)(6), E4204.2(3), (6)]



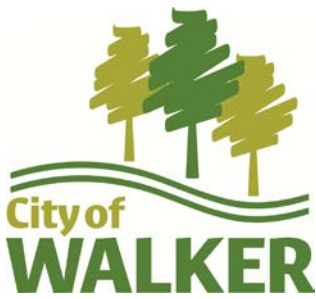
Sec. 94-338. - Accessory buildings and swimming pools.

- (a) All accessory buildings shall be located within the rear yard and at least ten feet away from any other building. If any private garage is located less than ten feet from a dwelling house, the garage shall be made fire resistant in the manner required for attached garages.
- (b) Swimming pools constructed, erected or placed in or on the ground as accessory to a residential dwelling unit shall be located within the rear yard. A wall of a swimming pool shall be located at least five feet from a side or rear property line and at least ten feet from a dwelling. The requirements of this subsection shall apply to any swimming pool for which a building permit is required under the building code of the city.
- (c) No accessory building or swimming pool in any zoning district shall be constructed or located within a drainage easement described in a final subdivision plat or a final site condominium project plan, or within a drainage easement of the city or other governmental entity which is recorded with the Kent County Register of Deeds or otherwise established by law.



(Ord. No. 91-392, § 1, 3-12-91; Ord. No. 98-512, § 2, 4-13-98; Ord. No. [16-632](#), § 1, 9-26-16)

Cross reference— Buildings, ch. 18.



APPLICATION FOR SWIMMING POOL PERMIT

CITY OF WALKER
 COMMUNITY DEVELOPMENT DEPARTMENT
 4243 REMEMBRANCE RD NW
 WALKER, MI 49534
 (616) 791-6858
swierzbicki@walker.city
ahendrick@walker.city

1. LOCATION OF PROJECT			
ADDRESS			
CITY	COUNTY	STATE	ZIP
2. PROPERTY OWNER OR LESSEE			
NAME		PHONE	
ADDRESS	CITY	STATE	ZIP
3. CONTRACTOR			
NAME		TELEPHONE NO.	
ADDRESS	CITY	STATE	ZIP
BUILDERS LICENSE NO.		EXPIRATION DATE	
<p>**THIS FORM MUST BE SUBMITTED WITH A SITE PLAN INDICATING LOCATION OF THE PROPOSED POOL IN RELATION TO THE ADJACENT LOT LINES, BUILDINGS, DRIVEWAYS, AND SEPTIC SYSTEMS. ALSO, AS INDICATED, A SEPARATE ELECTRICAL PERMIT IS REQUIRED.</p> <p>"Section 23a of the State Constructions Codes Acts of 1972, Act NO. 230 of Public Acts of 1972, being Section 125.152a of the Michigan Compiled Laws, prohibits a person from conspiring to circumvent the licensing requirements of this State relating to persons who perform work on residential building or residential structure. Violators of Section 23a are subject to civil fines."</p>			
4. SUB-CONTRACTORS: A SEPARATE APPLICATION MUST BE SUBMITTED FOR ELECTRICAL AND MECHANICAL			
a) ELECTRICAL		PHONE	
b) MECHANICAL		PHONE	
5. PROJECT DESCRIPTION			
<input type="checkbox"/> SWIMMING POOL <input type="checkbox"/> HOT TUB <input type="checkbox"/> SPA <input type="checkbox"/> DECK			
BRIEF DESCRIPTION OF PROJECT:			
PROJECT VALUATION (Including labor)			
6. APPLICATION INFORMATION			
Applicant is responsible for the payment of all fees and charges applicable to this application and must provide the following information:			
NAME		PHONE	
ADDRESS	CITY	STATE	ZIP
<p>I hereby certify that the proposed work is authorized by the owner of record and I have been authorized by the owner to make this application as his authorized agent, and we agree to conform to all applicable laws of the State of Michigan. All information submitted on this application is accurate to the best of my knowledge.</p>			
SIGNATURE OF APPLICANT		DATE	
7. HOMEOWNER AFFIDAVIT			
<p>I hereby certify the construction work described on this permit application will be installed by myself in my own single-family dwelling in which I am living or about to occupy. All work will be installed in accordance with the building code adopted by The Municipality, and will not be enclosed, covered up, or put into use until it has been inspected and approved by the Building Inspector. I will cooperate with the Building Inspector and assume responsibility to arrange for the necessary inspections.</p>			
SIGNATURE OF HOME OWNER		DATE	

8. ZONING: Site Plan (Please read carefully and complete)

Using the space provided, or on a separate sheet of paper, draw a diagram showing all of the following items

1. The dimensions of the lot (all sides).
2. The location, with proximaty to lot lines, of all existing and proposed structures.
3. The dimensions of all existing and proposed structures.
4. The distances between all existing structures.
5. The direction of north.
6. The location of all roads bordering or on the property.
7. The location of any lakes, rivers, streams or wetlands on or near the property.
8. The location of any power and gas lines on the property.
9. The location of any easements on the property.

Per Section 94-338 of the City of Walker Zoning Ordinance, swimming pools constructed, erected or placed in or on the ground as an accessory to a residential dwelling unit shall be located within the rear yard. A wall of a swimming pool shall be located at least five feet from a side or rear property line and at least ten feet from a dwelling. The requirements of this subsection shall apply to any swimming pool for which a building permit is required under the building code of the city.

9. POOL SETBACKS

FRONT: _____ SIDE: _____ SIDE: _____ REAR: _____

I AGREE TO COMPLY WITH THE TERMS AND REQUIREMENTS OF LOCAL ORDINANCES REGARDING SIDE YARDS AND BUILDING SETBACKS. IT IS ALSO UNDERSTOOD THAT ALL STRUCTURAL, ELECTRICAL, AND HEATING, SHALL BE INSTALLED TO BOTH STATE AND LOCAL REQUIRMENTS AND MUST HAVE FINAL INSPECTIONS APPROVED PRIOR TO THE OPERATION AND OR USE OF THE POOL.

SIGNATURE OF APPLICANT	DATE
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ELECTRICAL PERMIT APPLICATION

CITY OF WALKER

4243 Remembrance Rd NW Walker MI 49534

Phone (616) 791-6858 Fax (616)791-6881

WWW.WALKER.CITY

Permit #:
Date:
Invoice #:
Receipt #:
Building Permit#
Inspector's Signature

I. SITE INFORMATION		
Street Address	City	Check one <div style="display: flex; justify-content: space-around; font-weight: bold;"> RESIDENTIAL COMMERCIAL </div>
Owner's Name	Owner's Phone	Scope (check one) <div style="display: flex; justify-content: space-around; font-weight: bold;"> New Remodel Repair Replace </div>
Jobsite Contact Person	Contact Number	Contact Email

II. INSTALLER INFORMATION			
Name	Phone #	State/Local Contractor Registration No.	Expiration Date
Address (STREET#/NAME/DIRECTION)		Master Electrician License No.	Expiration Date
City	State	Zip	MESC Employer ID (or exemption) Federal Employer ID (or exemption)
E-mail	Driver's License No.	Worker's Compensation Insurance Carrier or exemption	

III. DESCRIPTION AND COMMENTS	(GIVE A DETAILED DESCRIPTION OF THE WORK TO BE PERFORMED UNDER THIS PERMIT)
NOTE: ANY CONCEALED WORK SHALL BE INPECTED BEFORE BEING CONCEALED	

IV. FEE CHART		FEE	#ITEMS	TOTAL		FEE	#ITEMS	TOTAL
1	Application Fee - Non refundable- No inspections included	\$ 50.00			MOTORS, GENERATORS			
2	Inspection - underground	\$ 40.00		18	1-5 hp incl.	\$ 10.00		
3	Inspection - rough in	\$ 40.00		19	5 1/2 to 30 hp incl.	\$ 15.00		
4	Inspection - final	\$ 40.00		20	30 1/ to 30 hp incl.	\$ 20.00		
5	Certificates	\$ 30.00		21	Over 75 hp	\$ 40.00		
6	Circuits	\$ 10.00		22	Motor fractional - horsepower under 1 hp	\$ 5.00		
5	Lighting fixtures (group of 25)	\$ 10.00			SERVICES AND SUB PANELS			
6	Over 1200 & GFI primary	\$ 60.00		23	Service/feeders 0-200	\$ 15.00		
7	Pool bonding only (includes 1 inspection)	\$ 45.00		24	Service/feeders 200-600	\$ 25.00		
8	Residential appliance - furnace, stove, dishwashers, etc.	\$ 10.00		25	Service/feeders 601-1,000	\$ 40.00		
9	Special safety inspection includes certificate	\$ 50.00		26	Meter inspection for turn on	\$ 35.00		
10	Special inspection	\$ 40.00		27	Mobile home hook-up	\$ 50.00		
11	Temperature control energy retrofit	\$ 45.00			SIGNS			
FEEDERS				28	Additional transformers neon	\$ 4.00		
12	Bus duct and feeders per 60' or fraction thereof	\$ 10.00		29	Gas tube system neon - transformers, per 1st trans.	\$ 7.00		
FIRE ALARM				30	Signs illuminated each	\$ 20.00		
13	Fire alarm system up to 10 devices	\$ 50.00			TRANSFORMERS			
14	11-20 devices	\$ 100.00		31	Transformers up to 20 KVA ea.	\$ 10.00		
15	Over 20 devices per	\$ 5.00		32	Transfer switch - Residential	\$ 20.00		
HORSEPOWER/KVA EQUIPMENT				33	Transfer switch - Commercial	\$ 40.00		
16	Heating devices, per 0-5 KVA	\$ 6.00		34	Over 20 KVA	\$ 20.00		
17	Over 5 KVA	\$ 10.00		TOTAL				

CONTRACTORS REGISTRATION (Check the box if you would like to register using the provided information)		15% PLAN REVIEW FEE (COMMERCIAL AND INDUSTRIAL)	
<input type="checkbox"/> Must provide a valid State of Michigan Master License & Insurance	\$ 15.00		TOTAL FEES

V. APPLICATION SIGNATURE(Homeowner signature indicates compliance with section VI below)		
Section 23a of the State Construction Codes Acts of 1972, 1972 PA 230, MCL 125, 1523A, prohibits a person from conspiring to circumvent the licensing requirements of this State relating to persons who are to perform work on residential building or residential structure. Violators of Section 23a are subject to civil fines.		
Licensee or Homeowner Name (please print)	Signature	Date

VI. HOMEOWNER AFFIDAVIT
I hereby certify the electrical work described on this permit application shall be installed by myself in my own house in which I am living or about to occupy. All work shall be installed in accordance with the current Michigan Electrical Code and shall not be enclosed, covered up, or put into operation until it has been inspected and approved by the Electrical Inspector. I will cooperate with the Electrical Inspector and assume responsibility to arrange inspections.



MECHANICAL PERMIT APPLICATION
CITY OF WALKER
 4243 Remembrance Rd NW Walker MI 49534
 Phone (616) 791-6858 Fax (616)791-6881
WWW.WALKER.CITY

Permit #:
Date:
Invoice #:
Receipt #:
Building Permit#
Inspector's Signature

I. SITE INFORMATION		
Street Address	City	Check one RESIDENTIAL COMMERCIAL
Owner's Name	Owner's Phone	Scope (check one) New Remodel Repair Replace
Jobsite Contact Person	Contact Number	Contact Email

II. INSTALLER INFORMATION			
Name	Phone #	State/Local Contractor Registration No.	Expiration Date
Address (STREET#/NAME/DIRECTION)		Master Mechanical License No.	Expiration Date
City	State	Zip	MESC Employer ID (or exemption) Federal Employer ID (or exemption)
E-mail	Driver's License No.	Worker's Compensation Insurance Carrier or exemption	

III. DESCRIPTION AND COMMENTS	
(GIVE A DETAILED DESCRIPTION OF THE WORK TO BE PERFORMED UNDER THIS PERMIT)	
NOTE: ANY CONCEALED WORK SHALL BE INSPECTED BEFORE BEING CONCEALED	

IV. FEE CHART		FEE	#ITEMS	TOTAL		FEE	#ITEMS	TOTAL
1	Application Fee - Non refundable- No inspections included	\$ 50.00			22	Solid fuel equipment (wood or fireplace stoves)	\$ 30.00	
2	Inspection - underground	\$ 25.00			23	Tanks above ground/underground	\$ 25.00	
3	Inspection - rough in	\$ 25.00			24	Unit Ventilators	\$ 10.00	
4	Inspection - final	\$ 25.00			25	V.A.V. Boxes	\$ 10.00	
5	Inspection - additional	\$ 30.00			AIR HANDLERS			
COMMERCIAL					26	Under 10,000 CFM	\$ 25.00	
6	A/C refrigeration split system	\$ 30.00			27	Over 10,000 CFM	\$ 60.00	
7	Chillers	\$ 30.00			RESIDENTIAL			
8	Chimney factory built - installed seperately	\$ 20.00			28	Chimneys: factory built	\$ 10.00	
9	Commercial hoods	\$ 25.00			29	Flue vent and damper	\$ 7.00	
10	Compressor	\$ 45.00			30	Gas log	\$ 25.00	
11	Cooling Towers	\$ 30.00			31	Gas or wood fire place	\$ 30.00	
12	Duct 50' (minimum \$25.00)	\$.10/ft.			32	Heat pumps complete residential	\$30.00	
13	Evaporator Coils	\$ 30.00			33	Humidifiers	\$ 15.00	
14	Fire suppression/protection up to 8 heads (minimum \$25.00)	\$.75/head			34	Residential ac	\$ 30.00	
15	Gas/Oil Burining Equipment Roof Top Unit	\$ 30.00			35	Replacement furnace	\$ 30.00	
16	Gas piping each opening new installation	\$ 7.00			36	Residential heating system (included duct & pipe)	\$ 50.00	
17	Heat Pumps commercial (pipe not included)	\$ 25.00			37	Water heater	\$ 10.00	
18	Heat recovery units	\$ 10.00			38	Bath and kitchen exhaust fans	\$ 7.00	
19	Heater unit (terminal units)	\$ 25.00			MOBILE HOME			
20	Piping 50' (minimum \$25.00)	\$.05/foot			39	Mobile home unit site hook-up	\$ 50.00	
21	Solar	\$ 25.00			TOTAL			

CONTRACTORS REGISTRATION (Check the box if you would like to register using the provided information)		15% PLAN REVIEW FEE (COMMERCIAL AND INDUSTRIAL)	
Must provide a valid State of Michigan Master License & Insurance	\$ 15.00		TOTAL FEES

V. APPLICATION SIGNATURE (Homeowner signature indicates compliance with section VII below)		
Section 23a of the State Construction Codes Acts of 1972, 1972 PA 230, MCL 125, 1523A, prohibits a person from conspiring to circumvent the licensing requirements of this State relating to persons who are to perform work on residential building or residential structure. Violators of Section 23a are subject to civil fines.		
Licensee or Homeowner Name (please print)	Signature	Date

VI. HOMEOWNER AFFIDAVIT
I hereby certify the electrical work described on this permit application shall be installed by myself in my own house in which I am living or about to occupy. All work shall be installed in accordance with the current Michigan Electrical Code and shall not be enclosed, covered up, or put into operation until it has been inspected and approved by the Electrical Inspector. I will cooperate with the Electrical Inspector and assume responsibility to arrange inspections.



Kent County Health Department
Environmental Health Division

700 Fuller Ave NE
Grand Rapids, MI 49503
Phone: (616) 632-6900 Fax: (616) 632-6892
Email: kcehmail@kentcountymi.gov
Website: www.accesskent.com

REQUEST FOR ENVIRONMENTAL HEALTH ADDITION/CHANGE OF USE REVIEW

This form is to be used for Environmental Health review of proposed construction/change of use projects. A completed application, accurate site/plot plan, and Property Tax ID Number are required for this review to occur. If a site visit is required, the property owner is responsible to locate and uncover two diagonal corners of the drainfield if there is a permit on file, or all four corners of the drainfield if there is no permit on file.

Address of Property: City: Zip:

Permanent Parcel #: 41 - Township:

Occupied Unoccupied Last Date of Occupancy:

Please check all that apply:

- Pole barn, deck, garage - involves no plumbing
Pole barn, deck, garage - involves adding/changing plumbing
Addition of living space with no increase in # of bedrooms
Addition of living space with increase in # of bedrooms
Home demolition/rebuild/reconstruction (over 50% of home being rebuilt)
Commercial Addition
Commercial proposed change of use
Other:

Sewage Disposal:

- Municipal
On-Site (Septic)

Water Supply:

- Municipal
Well serving less than 25 people
Well serving more than 25 people (Type II)
* Must provide fixture list

Table with 3 columns: RESIDENTIAL PROJECT, Before, After. Rows: # of Bedrooms, # of Bathrooms, Living Area (Sq. Ft.)

Table with 3 columns: COMMERCIAL PROJECT, Before, After. Rows: # of Persons per Day, # of Seats for Church/Restaurant, Building Space (Sq. Ft.)

Applicant:
Address:
City: State: Zip:
Phone:
Fax:
Email:

Pick One:

- Email Results to Email Address provided
Call my phone # to pick up results
Other: Return to City of Walker
ahendrick@walker.city
swierzbicki@walker.city

By Signing below, I hereby certify that the information provided is complete and accurate. I further acknowledge that I am the property owner or am acting as an authorized representative on behalf of the property owner. Applicant or Owner is responsible for contacting MISS DIG prior to service. Failure to show up for an appointment may result in a \$75 charge. Application fees are non-refundable upon initiation of any field activities. A \$50 processing fee applies to all applications cancelled prior to field work.

Applicant's Signature: Date:

FOR OFFICE USE ONLY Approved Approved with Conditions - See Comments Below Disapproved

Comments:

Completed by: (Sanitarian's Signature) Date:

- Type II Transient - \$250 Office Review Only - \$20 Receipt #: Date:
Type II Non-Transient - \$300 Site Visit Required - \$120
Permit Required (Additional fee(s) - See Permit Application):

2015 INTERNATIONAL SWIMMING POOL AND SPA CODE
BARRIER REQUIREMENTS RESPONSIBILITY FORM

CONTRACTOR:

**I, AS THE CONTRACTOR, HAVE READ AND AGREE TO
INSTALL THE BARRIER AS REQUIRED BY SECTION 305 OF
THE 2015 INTERNATIONAL SWIMMING POOL AND SPA
CODE:**

SITE ADDRESS: _____

SIGNATURE: _____

DATE: _____

HOMEOWNER:

**I, AS THE HOMEOWNER, HAVE READ AND AGREE TO
INSTALL THE BARRIER AS REQUIRED BY SECTION 305 OF
THE 2015 INTERNATIONAL SWIMMING POOL AND SPA
CODE:**

SITE ADDRESS: _____

SIGNATURE: _____

DATE: _____