

STORM WATER RUN-OFF APPROVAL
By Village Engineer
Sanitary Hookup Approval
By Board of Public Affairs
Lateral Installation Inspection
By Sewer Inspector

VILLAGE OF HARTVILLE, OHIO
ZONING DEPARTMENT
APPLICATION FOR
ZONING PERMIT

Zoning permit No. _____

Date Issued _____

SANITARY DISCHARGE APPROVAL
BY BOARD OF PUBLIC AFFAIRS

Date: _____

A scale plan must be submitted with this application showing the size and location of the Lot, the dimensions and location of the proposed building or structure on the lot and the dimensions and location of existing buildings or structures on the lot.

Name of Applicant _____ Phone _____

Address _____

Owner of Premises _____ Address _____

Application is hereby made to: (Description of Work) _____

To be used for (Indicate purpose, number of units or offices, etc.) _____

On premises located at _____

DESCRIPTION

(1) Size of lot: _____ feet wide _____ feet deep

(2) Size of building or structure: Floor area _____
Maximum: Width _____ ft. Depth _____ ft.
Height: Stories: _____; feet _____

(3) Location on Property:

Proposed Yards

FRONT _____ ft. from Property Line to Building or Structure.
SIDE _____ ft. from Property Line to Building or Structure.
SIDE _____ ft. from Property Line to Building or Structure.
REAR _____ ft. from Property Line to Building or Structure.

(4) Character of Construction _____
(Brick, Frame)

(5) Estimated Cost of Work \$ _____

(6) Present use of Land, Existing Buildings or Structures on Lot: _____

Signature of Applicant

Please note any additional information on separate sheet and attach to this form.

CERTIFICATION OF ZONING INSPECTOR'S EXAMINATION

I have examined the foregoing application, plans and information, found them not / to conform with the zoning requirements and grant / refuse them a Zoning Permit.

By _____ Date _____



BBS MEMO

Ohio Board of Building Standards
Reynoldsburg, Ohio 43068-9009

March 31, 2014

6505 Tuning Road, P.O. Box 4009,

Low-Frequency Audible Alarm Notification Appliances

Effective January 1, 2014, the National Fire Alarm and Signaling Code, NFPA standard 72-2010, adopted by the BBS and referenced in the Ohio Building Code (OBC), the Ohio Mechanical Code, and the Residential Code of Ohio (RCO) contains a new dated requirement that audible alarm notification appliances connected to a fire alarm system and provided for sleeping areas must produce a low frequency square wave signal. Research has revealed that the low frequency (520 Hz) audible alarm notification appliances (as compared to the standard frequency (approximately 2000-4000Hz) audible alarm notification appliances commonly used) are the most effective at waking sleeping individuals, especially those with mild to severe hearing impairments, older adults, children and young adults, and those who may be alcohol impaired.

Fire Alarm System Audible Alarm Notification Appliances

The new requirement for low frequency audible alarm notification appliances in sleeping areas found in the NFPA standard supplements the building code and NFPA standard requirements for sound pressure levels of audible alarm notification appliances and would apply when plans are submitted for a new fire alarm system, a replacement fire alarm system, and, depending upon the exact scope of the work, when plans are submitted for alterations to an existing fire alarm system that are proposed within an existing sleeping area or when a new sleeping area is created.

Where occupant notification is required to be provided as part of a fire alarm system in accordance with OBC Section 907.2, audible alarm appliances are required in accordance with OBC Section 907.5.2. The audible alarm notification appliances are required to comply with OBC Section 907.5.2.1 and/or Section 907.5.2.2 (if an emergency voice/alarm communication system is required or installed), NFPA 72-2010 Chapters 18 & 24 (if an emergency voice/alarm communication system is required or installed), OBC Chapter 11, and ICC A117.1-2009.

In accordance with NFPA 72-2010 Section 18.4.5.3, effective January 1, 2014, where audible alarm notification appliances are provided to produce signals for sleeping areas, the appliances are required to produce a listed square wave, low frequency (520 Hz) alarm signal. Audible alarm notification appliances provided for non-sleeping areas of the building are not required to be of the low frequency square wave type. The requirement is meant to apply only to those notification appliances that are provided and intended to awaken occupants.

In accordance with NFPA 72-2010 Section 24.4.1.4.1 (applicable when an emergency voice/alarm communication system is installed), the tone preceding the voice message is required to be a low frequency square wave tone when the system is installed in an occupancy where sleeping accommodations are required. Realizing that this language needed clarification, the NFPA Standards Council issued a Tentative Interim Amendment (TIA). NFPA TIA 10-4 clarifies that the low frequency square wave pre-alert tone is only required when the signal is intended to awaken those occupants who may be sleeping. The TIA also clarifies that the low frequency square wave pre-alert tone is not required in non-sleeping areas of a building that may contain sleeping accommodations.

Smoke Alarm and Household Fire Alarm System Audibility

In addition to the audible alarm notification appliances connected to a fire alarm system that may be required to alert occupants in accordance with OBC Section 907.2 and 907.5.2, the OBC Section 907.2 requires single- and multiple-station smoke alarms to be installed in certain sleeping occupancies to alert



BBS MEMO

Ohio Board of Building Standards

April 15, 2014

6505 Tussing Road, P.O. Box 4009, Reynoldsburg, Ohio 43068-0009

RCO CHAPTER 11 AND DUCT TIGHTNESS TESTING

The Board of Building Standards has previously reminded all Residential Building Departments of the enforcement effective date applicable to projects where the applicant has elected to demonstrate residential energy code compliance using the Ohio Home Builder's Association (OHBA) Alternative Energy Code Option.

For plans first submitted for approval on or after January 1, 2014, if using the OHBA option for demonstrating compliance, the blower door testing will be mandatory (no longer optional). This change is high-lighted in the last sentence of RCO Section 1105.2.4.2.1: *"This requirement will take effect one year after the effective date of this rule."* January 1st of this year marked that one year and now these requirements are in effect.

Also, for plans first submitted for approval on or after January 1, 2014, if the documents show any ducts or air handling equipment are located outside of the thermal envelope of the conditioned space, then the duct tightness test is required regardless of which method of demonstrating compliance is chosen. This change is high-lighted in the last sentence of RCO Section 1105.3.2.2: *"This requirement will take effect one year after the effective date of this rule."* January 1st of this year marked that one year and now these requirements are in effect.

Because these dates have now passed, building departments and builders have been asking for clarifications regarding the implementation of these provisions and how the duct tightness testing provisions should be applied. Because accuracy and effectiveness of testing is important, a correct application of the codes will benefit owners and builders in complying with the newly effective provisions.

Before reviewing these conditions, it must be understood that the intent of the OHBA Alternative Energy Code Option (RCO Section 1105) is that it can only be selected for new home construction and was not designed or developed to be able to handle additions or alterations. Section 1105.1.1, *Scope*, makes it clear that *"This section provides an alternative set of requirements for regulating the energy efficiency for the design and construction of new buildings regulated by this code."*

Several conditions can occur when an addition or alteration is being proposed that includes ductwork and air handling equipment each of which should be treated consistently in Ohio as described below.

First, and easiest to address, are ducts and equipment that are located entirely inside the building's thermal envelope. For this condition no testing is required.

Second, a project with any or all of the ductwork or equipment located outside the building's thermal envelope would require duct tightness testing.

Next are additions or alterations in which ductwork is being replaced, reconfigured, or extended into an addition from an existing HVAC system. Duct tightness testing is impractical since the results are questionable, existing ductwork would not be tested, and the sealing of a small portion of the ductwork would be ineffective and unproductive as far as tightness of the system is concerned. Therefore duct tightness testing would not be required even if some part of the system was outside the thermal envelope.

Lastly are additions or alterations in which a stand-alone, independent system is installed to provide heating or cooling in an addition. These systems would be required to be installed and tested as required in IECC 2009 or the RCO Chapter 11, Sections 1101 through 1104.

If you have further questions regarding the application of these requirements, please call the Board's office at 614-644-2613 or E-mail to dic.bbs@com.state.oh.us.

904.10 (A)

RESIDENTIAL BUILDING SEWER P.T.I. APPLICATION

The undersigned, being the _____ of the property located at _____
(Owner, Owner's Agent) (House/Lot number)
on the _____ side of _____
(North, South, East, West) (Street Name)

does hereby request a permit to install and connect a building sewer to serve the residence at said location.

1. The following indicated fixtures will be connected to the proposed building sewer:

Table with 6 columns: Number, Fixture, Number, Fixture, Number, Fixture. Rows include Kitchen Sinks, Water closets, Showers, Lavatories, Urinals, Garbage Grinders, Laundry tubs, Bath tubs.

Specify other fixtures _____

2. The number of persons who reside in the home _____.

3. The name and address of the person or firm who will perform the proposed work is _____.
Has the bonding and license required for sewer workers been secured from the Village? YES NO

4. Plans and Specifications for the proposed building sewer are attached hereto as Exhibit "A".

5. In consideration of the granting of this P.T.I., the undersigned agrees:
a. To accept and abide by all provisions of the sewer use and Industrial Pretreatment Code and other applicable Ordinances.
b. To maintain the building sewer at no expense to the Village.
c. To accept and abide by the conditions of this permit.
d. To notify the Village when the building sewer is ready for inspection and the connection to the public sewer is completed. The sewer conduit shall remain exposed until inspected and approved. Only approved sections shall be backfilled.

Does the applicant have existing indebtedness to the Village? YES NO

Date: _____ Signed: _____

(Address of Applicant)

Applicant approved and permit to install issued:

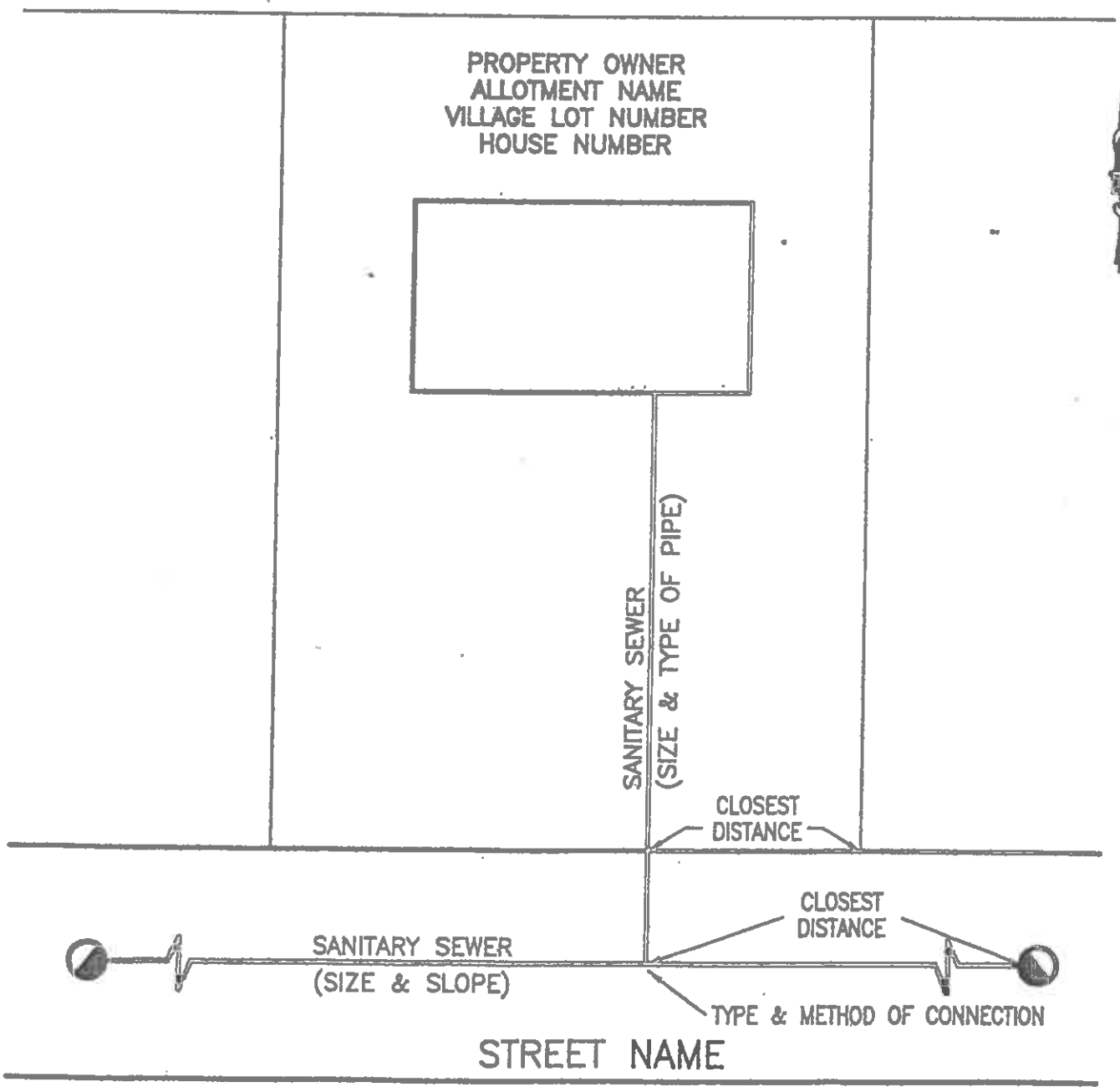
Permit No. _____

Date: _____ Signed: _____ (BPA)

Date: _____ Signed: _____ (Clerk-Treasurer)

Installation Approved:

EXHIBIT A RESIDENTIAL BUILDING SEWER P.T.I. (EXAMPLE)



5/28/76

SEWER HOOK-UP

It is required that the inspector be given personal notice at least 24 hours in advance of the time of inspection and the hook-up must be visible so that the inspector can be certain that all provisions of Ordinance 1-70.4 are provided for.

P.S. This has been requested by the Board of Public Affairs.

VILLAGE OF HARTVILLE
202 W. MAPLE STREET
HARTVILLE, OH 44632
(330) 877-9222

Ordinance No. 1-76.16

Passed June 21, 1976

1976

ORDINANCE NO. 1-76.16 amending Section 412 of Ordinance No. 1-70.4 (Sewer Use Code), and declaring the same to be an emergency.

Section 413: The applicant for the building sewer permit shall notify the Village Civil Engineer of his representative, when the building sewer is ready for inspection and connection to the public sanitary sewer. Said notice shall be in writing and shall be delivered to the Village Hall at least twenty-four hours in advance of the time and inspection. The connection shall be made under the supervision of the Village Civil Engineer or his representative and at the time the hook-up is made, the hook-up shall be visible so that the Village Civil Engineer or his representative can ascertain that all provisions of this Ordinance have been complied with. The applicant for the building sewer permit shall notify the Village Civil Engineer in writing as to the final disposal of all footer drains, spouting drains and other surface water.

SECTION 2: This ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the Village and necessary to assure proper hook-up to the Village sanitary sewer system, and shall take effect immediately upon its passage and at the earliest date permitted by law.

DATED: June 21, 1976

Richard Anderson
Mayor

ATTEST:

Melvin James Steadling
Clerk-Treasurer

VILLAGE OF HARTVILLE
STARK COUNTY, OHIO
ORDINANCE NO. 1-12.10

ORDINANCE NO. 1-12.10, amending and replacing Ordinance No.1-08.19, providing for sanitary sewer connection charges for premises served by the Village's Sanitary Sewer Treatment System.

BE IT ORDAINED BY THE COUNCIL OF THE VILLAGE OF HARTVILLE, STARK COUNTY, OHIO:

Section 1. Findings and Determinations.

- (a) Ordinance No. 1-08.19 ("Ordinance") provides a fixed rate for connection to the Village's sanitary sewer treatment system ("SSTS").
- (b) It is in the best interest of the Village to amend and replace said Ordinance to establish, effective as of the date of this ordinance, the required connection fees to be charged for connection ("tap-in" or "hook-up") to the SSTS, which are competitive and reasonably priced in comparison to neighboring municipalities.
- (c) All formal actions of this Council relating to the enactment of this Ordinance were taken in an open meeting of this Council and that all deliberations of this Council and of any of its committees that resulted in those formal actions were in meetings open to the public in compliance with the law, including Section 121.22, Ohio Revised Code.

Section 2. Connection Fees for Residential Property. The connection fees to be charged for residential connection to the SSTS are as follows:

<u>TYPE OF USE</u>	<u>CONNECTION FEE</u>
Single Family Residence	\$2,500
Condominium	\$2,500 per unit
Multi-Family Residence	\$2,500 per unit

Section 3. Connection Fees for Non-Residential Property. The connection fees to be charged for non-residential connection to the SSTS are as follows:

<u>TYPE OF USE</u>	<u>CONNECTION FEE</u>
Non-residential	\$2,500 per unit

Section 4. Prepayment of Connection Fees. Said connection fees shall be paid in full prior to connection to the SSTS. The applicant shall have eighteen (18) months, from the date of the payment of the connection fee, to connect to the SSTS at the then applicable connection fee. Should the applicant not connect to the SSTS during this eighteen (18) month period, then the applicant's connection fee will be subject to the then applicable connection fee.

Section 5. Repeal of Prior Ordinances. Ordinance No. 1-08.09 and any other Ordinance in conflict with this ordinance, with the exception of Ordinance 1-08.15 (Woodland Annexation Project) are hereby repealed, effective immediately upon the passage of this ordinance.

Section 6. Effective Date. Provided that this Ordinance receives the affirmative vote of two-thirds of the members elected or appointed to council, it will take effect and be in force immediately upon its passage; otherwise, it will take effect and be in full force at the earliest period allowed by law.

DATED: March 6, 2012


Richard A. Currie, Mayor

ATTEST:


Scott K. Varney, Village Fiscal Officer

Contractor/Subcontractor Registration Application:

All contractors/subcontractors must submit an application for contractor registration.

Initial Application: \$60.00

Annual Renewal: \$40.00 (if registered the previous year)

The following must be returned with the application for approval: Certificate of Liability (\$1,000,000.00) listing the Village of Hartville as the Certificate Holder, along with the Contractor License Bond (\$10,000.00).

All paperwork will be submitted to the: Village of Hartville
202 W. Maple Street
Hartville, Ohio 44632

Please note that the Village Office hours are Monday, Tuesday, Wednesday, and Fridays 8 a.m. to 5:00 p.m. with the exceptions of Thursday, the office is opened from 8 a.m. to Noon.

VILLAGE OF HARTVILLE
202 W. MAPLE STREET, P.O. BOX 760
HARTVILLE, OH 44632
330-877-9222 FAX 330-877-9778
www.hartvilleoh.com

CONTRACTOR/SUBCONTRACTOR REGISTRATION APPLICATION

Date _____

New Registration (\$60.00) Renewal (\$40.00 - If registered the previous year)

Name _____ Phone _____

Company Name _____ Phone _____

Address _____ City/State/Zip _____

FED ID or SSN _____

TYPE OF REGISTRATION:

General - Please circle (Excavation, Foundation, Masonry, Insulation, Roofing, Drywall, Siding, Landscaping, Painting, Carpentry, Other _____) HVAC Electrical Sewer

Address of Project location: _____

INSURANCE INFORMATION:

Insurance Company & Agent _____

Insurance Co. Address _____ Phone _____

Expiration Date of Policy _____

Note: A current copy of Liability Insurance (\$1,000,000) naming the Village of Hartville additional insured, Contractor License Bond (\$10,000), and State License, (if applicable), must be submitted and kept on file in the Building Department of the Village of Hartville, or registration is void. (This is the responsibility of the Contractor.)

Do you have subcontractors? Yes No (If yes, each subcontractor must complete a Contractor Registration Form.)

Will your company be withholding local income tax from all employees on the job? Yes No
(All Businesses are required to submit copies of IRS Forms 1099-MISC to Hartville Income Tax Department within 3 ½ months after the end of the tax year.)

Please list your subcontractor information on the following page.

The Village of Hartville is an equal opportunity provider.

Village of Hartville
202 W Maple St
PO Box 760 Hartville, OH 44632
Phone 330-877-9222 Fax 330-877-9778
tcooper@hartvilleoh.com

INCOME TAX DEPARTMENT

CONTRACTOR & SUBCONTRACTOR TAX INFORMATION

ANNUAL TAX RETURN FILING

The Village of Hartville has a mandatory Income Tax filing for a business entity, whether resident or non-resident who conducts business in the Village of Hartville. An annual return must be filed and tax paid on the net profit. If you have a net loss you are still required to file a return.

The tax rate for Hartville is 1%. The yearly filing or request for an extension deadline is April 15th. Failure to file or request an extension on or before the April 15th due date will result in a \$25.00 late filing penalty.

Tax forms can be obtained on our Website at www.hartvilleoh.com.

EMPLOYEE WITHHOLDING

Each employer within or doing business within the Village of Hartville shall deduct at the time of the payment of such salary, wage, commission or other compensation, the tax of one percent (1%) of the gross salaries, wages, commission or other compensation due by the said employer to said employee and shall on or before the 15th day of the month following the close of each calendar quarter make a return and pay to the Village of Hartville Tax Administrator the amount of taxes so deducted. Such employer shall be liable for the payment of the tax required to be deducted and withheld, whether or not such taxes have in fact been withheld.

Please complete the enclosed CONTRACTORS AND SUB-CONTRACTORS BUSINESS REGISTRATION FORM and return by mail, fax or email within 10 business days.

Your cooperation is greatly appreciated. If you have any questions, please contact the Income tax department.

Tanya Cooper
Income Tax Clerk
tcooper@hartvilleoh.com

The Village of Hartville is an equal opportunity provider.

Village of Hartville
202 W Maple St
PO Box 760
Hartville, OH 44632
Phone 330-877-9222 Fax 330-877-9778
tcooper@hartvilleoh.com

**Income Tax Department
Contractor and Sub-Contractor Business Registration**

To enable the Village of Hartville Income Tax Department to establish accurate records, please answer all questions by typing or print plainly and return to the Village Hall by mail, fax or email.

ACCT # (to be assigned upon receipt)

Business Name: _____

Business Address: _____

Phone #: _____ **Tax ID/S.S. #:** _____

Job Name & Location: _____

Date Job Started: _____ **Estimated Length of Job in days:** _____ (mandatory)

Please check one: annual year-end filing forms are not necessary, use a professional tax service
 send pre-printed annual year-end filing forms to:

Please check one: pre-printed withholding forms are not necessary, use in-house software system
 use a third party Payroll Company – Name: _____
 send pre-printed withholding forms to: _____

The Village of Hartville imposes an income tax at the rate of one percent (1%) on all earned income, including net profits attributable to Hartville. All employers, contractors, sub-contractors, or others who have one or more employees are required to withhold 1% of all employees' gross wages and submit this amount to the Village of Hartville.

The information hereby submitted is true and correct

Signed _____ Date _____

The Village of Hartville is an equal opportunity provider.

**VILLAGE OF HARTVILLE
STARK COUNTY, OHIO
ORDINANCE NO. 1-17.20**

ORDINANCE NO. 1-17.20 amending and replacing Ordinance 1-16.19 so as to establish the fee schedule for building, heating, electrical, and zoning permits for the Village of Hartville ("Village"), and declaring the same to be an emergency.

BE IT ORDAINED BY THE COUNCIL OF THE VILLAGE OF HARTVILLE, STARK COUNTY, OHIO:

Section 1: Findings and Determinations. This Council finds and determines the following matters:

- (a) It is in the best interest of the Village to establish, effective as of the date of this ordinance, a fee schedule for building, heating, electrical, zoning, fence, and subdivision permits in accordance with the Village's One, Two, and Three Family Dwelling and Building Code.
- (b) All formal actions of this Council relating to the enactment of this Ordinance were taken in an open meeting of this Council and all deliberations of this Council and of any of its committees that resulted in those formal actions were in meetings open to the public in compliance with the law, including Section 121.22, Ohio Revised Code.

Section 2: Fee Schedule. The fee schedule for building, heating, electrical, zoning, fence, and subdivision permits in accordance with the Village's One, Two, and Three Family Dwelling and Building Code, are as follows:

<u>RESIDENTIAL BUILDING PERMITS:</u>	<u>Price:</u>	<u>Plus:</u>
Contractor Registration Application	\$ 60.00	New
	\$ 40.00	Renewal
Single family per permit	\$ 65.00	\$0.06 per S/F outside dimensions
Two-Three family per permit	\$75.00	\$0.06 per S/F outside dimensions
☞☞Plan Review (New Construction)	\$75.00	
Each Additional Review	\$25.00	
Additions, Alterations, Structures & Detached Garages	\$ 50.00	\$0.06 per S/F outside dimensions
☞☞Plan Review (Additions, etc.)	\$ 40.00	
Each Additional Review	\$ 30.00	
Accessory buildings:		
(Non-foundation & up to 100 sq. ft.)	No Fee	
(Non-foundation & 101 to 200 sq. ft.)	\$ 35.00	
Demolition	\$ 25.00	
Decks, pools, roofs (change in structure)	\$ 50.00	
Siding, Reroofs (without change in structure/design)	No Fee	
Re-inspection Fee	\$ 30.00	

HEATING PERMITS:

Contractor Registration Application	\$ 60.00	New
	\$ 40.00	Renewal
New construction per permit	\$ 65.00	\$0.06 per S/F outside dimensions
Additions/remodeling (Ductwork replacement)	\$ 50.00	\$0.06 per S/F outside dimensions
Replacements/Conversions/Appliances (Ductwork – use existing)	\$ 35.00	
Swimming Pool Heater	\$ 30.00	
Re-inspection Fee	\$ 30.00	

ELECTRICAL PERMITS:

Contractor Registration Application	\$ 60.00	New
	\$ 40.00	Renewal
New construction per permit	\$ 65.00	\$0.06 per S/F outside dimensions
Additions/remodeling	\$ 50.00	\$0.06 per S/F outside dimensions
Temporary pole	\$ 50.00	
Service	\$ 40.00	
Furnace/air conditioning, water heater Range, dryer per permit	\$ 30.00	
Electric baseboard per zone per permit	\$ 30.00	
Swimming Pools per permit	\$ 30.00	
Re-inspection Fee	\$ 30.00	

ZONING PERMITS:

Single family (per dwelling unit)	\$ 75.00	\$0.06 per S/F outside dimensions
Two & Three family (per dwelling unit)	\$ 80.00	\$0.06 per S/F outside dimensions
Additions, Alterations, & Structures – including <u>Attached</u> and <u>Detached</u> garages and decks	\$ 35.00	\$0.06 per S/F outside dimensions
Accessory buildings: including Sheds and Playhouses.		
Up to 100 sq. ft	No Fee	
101 to 200 sq. ft.	\$ 35.00	\$0.06 per S/F outside dimensions
Swimming pools (in-ground or above ground).	\$50.00	
New Business Permit	\$ 75.00	
Relocation within Village	\$ 25.00	

New/Expansion Construction	\$ 75.00	\$0.06 per S/F outside dimensions
**Plan review	\$200.00	
Zoning Map	\$ 5.00	
Zoning Ordinance	\$ 15.00	
Fence and Tent Permits:	\$ 50.00	
Replacement fences -- (no height changes)	No Fee	
Permits not listed: (e.g. Chicken House)	\$50.00	
Renewal Fee	\$25.00	
Subdivisions:		
Preliminary plan, application, review	\$200.00	\$5.00/lot
Final plat	\$200.00	10.00/lot

**BOARD OF ZONING APPEALS
APPLICATIONS:**

Variances

(Notification expense/postage/advertising)

Residential per application \$150.00

Commercial per application \$200.00

Conditional Use \$200.00

(Notification expense/postage/advertising)

Examples: Cemetery, Home Occupation,
Child Day Center, Wireless
Tower/Antenna, Mini-Storage
or Mini Warehouse Facilities,
Churches.

PLANNING COMMISSION

APPLICATIONS:

Lot split/Replat \$150.00

Zone Change: \$250.00

(Notification expense/postage/advertising)

SIGN PERMITS:

(charge one fee per sign - exception
whether single or double sided)

Signs advertising a business or service
other than home occupation, being
operated on the premises:

50 s/f or less \$50.00

50 to 99 s/f \$85.00

100 s/f or over \$150.00

Off-premises sign	\$200.00
Home occupation sign	\$25.00
Subdivision sign (perm)	\$40.00
Sandwich/menu boards	\$25.00

Upon certification date, each applicant shall be charged an additional fee of 1% on all Building, Heating and Electrical permits, which is imposed by the laws of the State of Ohio.

Section 3: Permit Fees Non-Refundable. Any fee required under this Ordinance is non-refundable, and payment of the same is due at the time of application.

Section 4: Expiration of Permit. Any permit issued under this Ordinance shall automatically expire one year from its issuance, unless work has commenced under the permit.

Section 5: Repeal of Inconsistent Ordinances. Because they are inconsistent with this ordinance, all previous ordinances establishing and amending a fee schedule for building, heating, electrical, and zoning permits as contained in this ordinance are repealed as of the effective date of this ordinance.

Section 6: Statement of Emergency. This Ordinance is declared to be an emergency measure necessary for the immediate preservation of the public peace, health, safety, and welfare of the Village, and for the further reason that the immediate effectiveness of this Ordinance is necessary to properly, efficiently, and effectively meet the duties and obligations of the Village.

Section 7. Effective Date. Provided that this Resolution receives the affirmative vote of two-thirds of the members elected or appointed to council, it will take effect and be in force immediately upon its passage; otherwise, it will take effect and be in full force at the earliest period allowed by law.

DATED: September 5, 2017


Cindy Billings, Mayor

ATTEST:


Scott K. Varney, Village Fiscal Officer



The Village of Hartville

202 WEST MAPLE
PO BOX 760
HARTVILLE, OHIO 44632-0760
(330) 877-9222

Residential Code of Ohio Energy Code Requirements

Section 1101.2 Compliance of the Residential Code of Ohio (RCO) provides three different methods to demonstrate energy code compliance for 1-, 2-, and 3- family residential dwellings. Please check applicable design method chosen below.

Permanent Certificate is required with all methods of compliance:

Compliance with the International Energy Conservation Code (IECC):
www.EnergyCodes.com

- Prescriptive option Table 402.1.1 & 402.1.2
- Total UA option Section 402.1.4
- Performance option Section 405

Compliance with Chapter 11 of the RCO:

- RCO Sections 1101-1104 (which contains a prescriptive option – Table 1102.1)
- Total UA option Section 1102.1.3

Compliance with The Ohio Home Builder's Association (OHBA) Alternative Energy Code Option Section 1105 of the RCO:

- Compliance Path #1 Tables 1105.2.1 & 1105.2.1.2
- Compliance Path #2 Tables 1105.2.1 & 1105.2.1.2

Job Address:

Printed Name

Signature

Title

Date

CHAPTER 11 ENERGY EFFICIENCY

Prescriptive R-Value Tables of the 2009 IECC, RCO Prescriptive and OHBA Alternative

Prescriptive R-Value Requirements

Table 402.1.1 (IECC Prescriptive)
Insulation and Fenestration Requirements by Component^a

Climate Zone	Fenestration U-Factor ^b	Skylight ^b U-Factor	Glazed Fenestration SHGC ^{b,c}	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value ^d	Floor R-Value	Basement Wall ^e R-Value	Slab ^d R-Value and Depth	Crawl Space ^f Wall R-Value
5	0.35	0.60	NR	38	20 or 13 + 5 ^h	13/17	30 ^g	10/13	10, 2 ft.	10/13

Table 1102.1 (RCO Prescriptive)
Insulation and Fenestration Requirements by Component^a

Climate Zone	Fenestration U-Factor ^b	Skylight ^b U-Factor	Glazed Fenestration SHGC ^{b,c}	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value ^d	Floor R-Value	Basement Wall ^e R-Value	Slab ^d R-Value and Depth	Crawl Space ^f Wall R-Value
5	0.35	0.60	NR	38	20 or 13 + 5 ^h	13/17	30 ^g	10/13	10, 2 ft.	10/13

Table 1105.2.1 (OHBA Prescriptive)
Insulation and Fenestration Requirements by Component^a

Compliance Path	Fenestration U-Factor ^b	Skylight U-Factor ^b	Glazed Fenestration SHGC ^{b,c}	Ceiling R-Value	Wood Frame Wall R-Value	Mass Wall R-Value ^d	Floor R-Value	Basement Wall ^e R-Value	Slab ^d R-Value and Depth	Crawl Space ^f Wall R-Value
Path #1	0.32	0.60	NR	48	15 or 13 + 5 ^h	13/17	30 ^g	10/13 (min. 4ft.)	10, 2 ft.	10/13
Path #2	0.32	0.60	NR	48	13	13/17	30 ^g	10/13 (min. 4ft.)	10, 2 ft.	10/13

a. R-values are minimums. U-factors and SHGC are maximums. R-19 batts compressed into a nominal 2x6 framing cavity such that the R-value is reduced by R-1 or more shall be marked with compressed batt R-value in addition to the full thickness R-value.

b. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.

c. [IECC] "13/17" means R-13 continuous insulated sheathing on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement wall. "15/17" shall be permitted to be met with R-15 cavity insulation on the interior of the basement wall plus R-5 continuous insulated sheathing on the interior or exterior of the home. "10/13" means R-10 continuous insulated sheathing on the exterior or exterior of the home or R-13 cavity insulation at the interior of the basement wall.

c. [RCO & OHBA] "10/13" means R-10 continuous insulated sheathing on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement wall.

d. R-5 shall be added to the required slab edge R-values for heated slabs. Reinforcing test does not apply in Ohio.

e. This footnote does not apply in Ohio.

f. This footnote does not apply in Ohio.

g. Or insulation sufficient to fill the framing cavity, R-19 minimum.

h. [IECC & RCO] "13+5" means R-13 cavity insulation plus R-5 insulated sheathing. If structural sheathing covers 25 percent or less of the exterior, insulating sheathing is not required where structural sheathing is used. If structural sheathing covers more than 25 percent of exterior, structural sheathing shall be supplemented with insulated sheathing of at least R-2.

h. [OHBA] "13+5" means R-13 cavity insulation plus R-5 insulated sheathing. If structural sheathing covers 25 percent or less of the exterior, insulating sheathing is not required where structural sheathing is used.

i. The second R-value applies when more than half the insulation is on the interior of the mass wall.