



# **BUILDING PERMIT GUIDELINES**

## **Without a permit:** What can I do without a permit?

- Make ordinary repairs with like or similar material to restore original conditions that do not affect structural features or involve the installation or extension of electrical or plumbing systems.
- Install sidewalks or grade level patios (without a roof) on private property
- Install roofing shingles or siding
- Replace gutters or downspouts
- Replace plumbing fixtures such as a toilet or sink, or replace a hot water heater
- Install windows or doors in existing openings without structural alteration
- Install gas appliances that are not required to be vented, such as dryers and stoves
- Repair existing gas appliances
- Add insulation
- Install a fence in accordance within the City of Sherrill Zoning Ordinance

## **Permits required:** Generally, permits are required to:

- Construct a house or building
- Add or make structural alterations to a building
- Construct or replace a deck
- Install or replace a pool, spa, or hot tub
- Kitchen or bath remodels
- Build or enclose a porch
- Construct an accessory building (shed or other structures detached from the principle building)
- Convert garage, attic, or basement to useable space, such as a recreation room
- Install new, or extend existing plumbing
- Alter or extend the electric system
- Demolish any building interior or building section, except utility sheds
- Repair structures damaged by fire
- Install any wood burning appliance (e.g. woodstove, fireplace, etc)
- Install a chimney liner or repair chimney
- Erect any sign
- Install a septic tank
- Drill a well
- Add fill, excavate or change existing drainage
- Move any building

When in doubt, always consult with the Codes Enforcement Official. Always verify required setbacks and property lines BEFORE starting work. Call Dig Safe New York by dialing "811" BEFORE you dig.

**APPLICATION FOR BUILDING PERMIT  
INSTRUCTIONS  
(Follow them closely)**

- A. This application must be typewritten or completed in ink and submitted to the Codes Enforcement Office.
- B. An application for an addition to a one-or two-family home must include a site plan. Locate clearly and distinctly all buildings, whether existing or proposed and indicate all setback dimensions from property lines. Give lot dimensions according to deed and show location and name of street.
- C. (1) **An Application for a Building Permit for a residential building with 1,500 gross square feet or more (not including garages, open porches, cellar or uninhabitable basements or attics) and for all commercial and industrial buildings or additions thereto** must be accompanied by two complete sets of specifications and detailed construction plans bearing the authorized facsimile of the signature of a licensed architect or a licensed professional engineer, licensed in New York State. Plans and specifications shall include a site plan and describe the nature of the work to be performed, the materials and equipment to be used and installed, and the details of the structural, mechanical, electrical and plumbing installation and a section thru for fireplaces footer to top of chimney and stairs. All electrical work must be inspected by, and a Certificate of Approval obtained from, the NY Board of Fire Underwriters or Independent Electrical Inspection Agency. No Certificate of Occupancy will be issued until electrical work has been inspected and approved. **Any changes in plans shall be noted by New York State licensed architect or engineer.**
- (2) **An Application for a Building Permit for residential building or addition of less than 1,500 square feet** must be accompanied by a freehand sketch and must show dimensions of the building, rooms, windows, doors, lumber sizes, spans and insulation. Each room must be identified as to its intended use.
- (3) For No. 1, the plans must bear the authorized facsimile of the signature and seal of a licensed architect or professional engineer, licensed in New York State certifying that the plans meet the State Building and Energy Code.
- (4) **The Codes Enforcement Department is allowed ten (10) days to approve or disapprove the plans.**
- D. **The work covered by the application may not be commenced before the issuance of a Building Permit. A Building Permit shall be effective** to authorize the commencing and completion of work in accordance with this application, plans and specifications on which it is based **for a period of six months** after the date of issuance. For a good cause the enforcing officer may allow such extension of time as he may deem reasonable.

Where the work described in the application, plans and specifications is not completed within the period allowed by the permit and any extension thereof, the enforcing officer may order the owner of the premises to remove any structure and fill any excavation which he shall deem detrimental to the public health, safety or welfare.

**Accessory Structures:**

Setbacks – 5’ side and rear. None located in front yard

Heights – No higher than 15’

- E. Upon the approval of the application, the City Clerk will issue the building permit to the applicant together with approved duplicate set of plans and specifications. Such permit and approved plans and specifications shall be kept on the premises available for inspection throughout the progress of the work.
- F. **Notify the Codes Enforcement Office when work is ready for inspection**, i.e. after the footing is poured, completion of cellar walls, after insulation has been installed and before walls are covered, completion of structure.
- G. No building shall be occupied or used in whole or in part of any purpose whatever until a Certificate of Occupancy shall have been granted by the Codes Enforcement Officer.
- H. All Electrical work must be inspected by, and a Certificate of Occupancy will be issued until electrical work has been inspected and approved.
- I. All gas-fired installations must conform to the requirements as set forth by the American Gas Association Laboratories.
- J. Permit fees are based on total gross square feet (including garage) except cellars, uninhabitable basements and **open** porches.
- K. Upon filing this application for building permit, the following fees shall be paid to the City Clerk:

**Building Permit Fees**

<u>Construction Size</u>	<u>Fee</u>
Up to 100 sq. ft.	\$ 25.00
101 sq. ft. – 500 sq. ft.	\$ 50.00
501 sq. ft. – 1000 sq. ft.	\$100.00
1001 sq. ft. – 1500 sq. ft.	\$150.00
1501 sq. ft. – 2000 sq. ft.	\$200.00
More than 2000 sq. ft.	\$ 0.10/sq. ft.

**In addition to the foregoing, there shall be a fee of five hundred dollars payable for the issuance of a building permit for new construction on vacant or otherwise unimproved land.**

Section 7. Notwithstanding the provisions of section 6 of this Local Law, the fees to cover the costs of inspections and issuance of building permits for the construction of an accessory building or deck having more than one hundred forty square feet of floor space or for the interior restoration or remodeling of any structure shall be as follows:

- (a) if the estimated cost of construction and materials is five thousand dollars or less, the fee shall be twenty-five dollars;
- (b) if the estimated cost of construction and materials is more than five thousand dollars but not more than ten thousand dollars, the fee shall be fifty dollars;
- (c) if the estimated cost of construction and materials is more than ten thousand dollars, the fee shall be computed at the rate of ten cents per square foot.

As used herein, the term “accessory building” shall have the meaning provided for the zoning ordinance of the City of Sherrill.

Section 8. Notwithstanding any contrary provision herein, no fee shall be charged for the issuance of a building permit for the restoration or remodeling of any building or structure located on property which is wholly exempt from real property taxes as the date of building permit application which restoration or remodeling will not result in any addition to such building or structure or other expansion in the size thereof.

Definitions:

The term “**accessory building**”, as used herein, shall have the meaning provided for in the zoning ordinance of the City of Sherrill.

**Floor Area, Gross.** Gross floor area shall be the floor area within the inside perimeter of the outside walls of the building under consideration with no deduction for hallways, stairs, closets, thickness of interior walls, columns, or other features. Where the term area is used elsewhere in this Code, it shall be understood to be gross area unless otherwise specified.

**Floor Area, Net.** Net floor area shall be the actual occupied area, not including accessory unoccupied area or thickness of walls.

(Rev 7/08)

APPLICATION# \_\_\_\_\_  
PERMIT# \_\_\_\_\_

CITY OF SHERRILL  
363-2440  
OFFICE OF CODE ENFORCEMENT

Date \_\_\_\_\_

Application is hereby made to the Codes Department for the issuance of a Building and Zoning Permit pursuant to the N.Y.S. Uniform Fire Prevention & Building Code for the construction of buildings, additions or alterations, as herein described. The applicant or owner agrees to comply with all applicable laws, ordinances, regulations and all conditions expressed on the back of this application which are part of these requirements, and also will allow all inspectors to enter the premises for the required inspections.

Applicant's Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_  
Property Owner's Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_  
Tax Map \_\_\_\_\_  
Property Location of Proposed Construction \_\_\_\_\_

Existing Use of Property \_\_\_\_\_

Explain Proposed Use \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Contractor's Name: \_\_\_\_\_  
Address: \_\_\_\_\_ Zip \_\_\_\_\_  
Phone: \_\_\_\_\_

Name of Compensation or General Liability  
Carrier & Policy # \_\_\_\_\_

Zoning District \_\_\_\_\_

Lot Size \_\_\_\_\_ Area \_\_\_\_\_

Existing Building Size \_\_\_\_\_

New Building Size \_\_\_\_\_

Front Yard Depth \_\_\_\_\_ Feet

Right Side Yard Width \_\_\_\_\_ Feet

Left Side Yard Width \_\_\_\_\_ Feet

Rear Yard Depth \_\_\_\_\_ Feet

Bldg. Height \_\_\_\_\_ Feet \_\_\_\_\_ Stories

Estimated Cost \$ \_\_\_\_\_

Floor Area \_\_\_\_\_ Sq. Ft.

Building Permit Fee \$ \_\_\_\_\_

Surcharge Unimprov/Prop. \$ \_\_\_\_\_

Water Permit Fee \$ \_\_\_\_\_

Sewer Permit Fee \$ \_\_\_\_\_

Excavation Permit \$ \_\_\_\_\_

Fireplace Permit Fee \$ \_\_\_\_\_

Total \$ \_\_\_\_\_

**Note:** Inspections by Code Department are required at the following schedule. (You must call for inspections.)

1. Footings before pouring concrete.
2. Foundation inspection before backfill.
3. Plumbing, Heating, Framing and Electrical Inspections before any closing in of framework.
4. Insulation inspection.
5. When all work is completed, final inspection is required by Sewer, Electrical and the Codes Department. No Occupancy of building is permitted without Certificate of Occupancy issued by the Codes Department.

NOTE: THIS BUILDING PERMIT IF FOR RESIDENTIAL OR COMMERCIAL WORK EXPIRES SIX (6) MONTHS FROM DATE ISSUED.

\_\_\_\_\_  
Signature of Owner, Applicant or Agent

\_\_\_\_\_  
Printed or Typed Copy of Signature

The application of \_\_\_\_\_ Dated \_\_\_\_\_

Is hereby approved (disapproved) and permission granted (refused) for the construction, reconstruction or alteration of a building and/or accessory structure as set forth above.

Reason for refusal of permit: \_\_\_\_\_

Dated: \_\_\_\_\_ Codes Department Officer \_\_\_\_\_

Construction Details if Professional Plans & Specifications are not attached.

Footing: Width \_\_\_\_\_ Thickness \_\_\_\_\_ Depth \_\_\_\_\_

Foundation Wall: Block size or thickness \_\_\_\_\_ Cellar Depth \_\_\_\_\_

Wood Sizes: Framing Lumber \_\_\_\_\_, spacing \_\_\_\_\_ Floor Joists \_\_\_\_\_  
 \_\_\_\_\_ spacing, Rafters \_\_\_\_\_, Spacing \_\_\_\_\_

Roofing Sheeting Type \_\_\_\_\_ Size \_\_\_\_\_

Roof: Pitch \_\_\_\_\_, Span \_\_\_\_\_

Roofing material \_\_\_\_\_

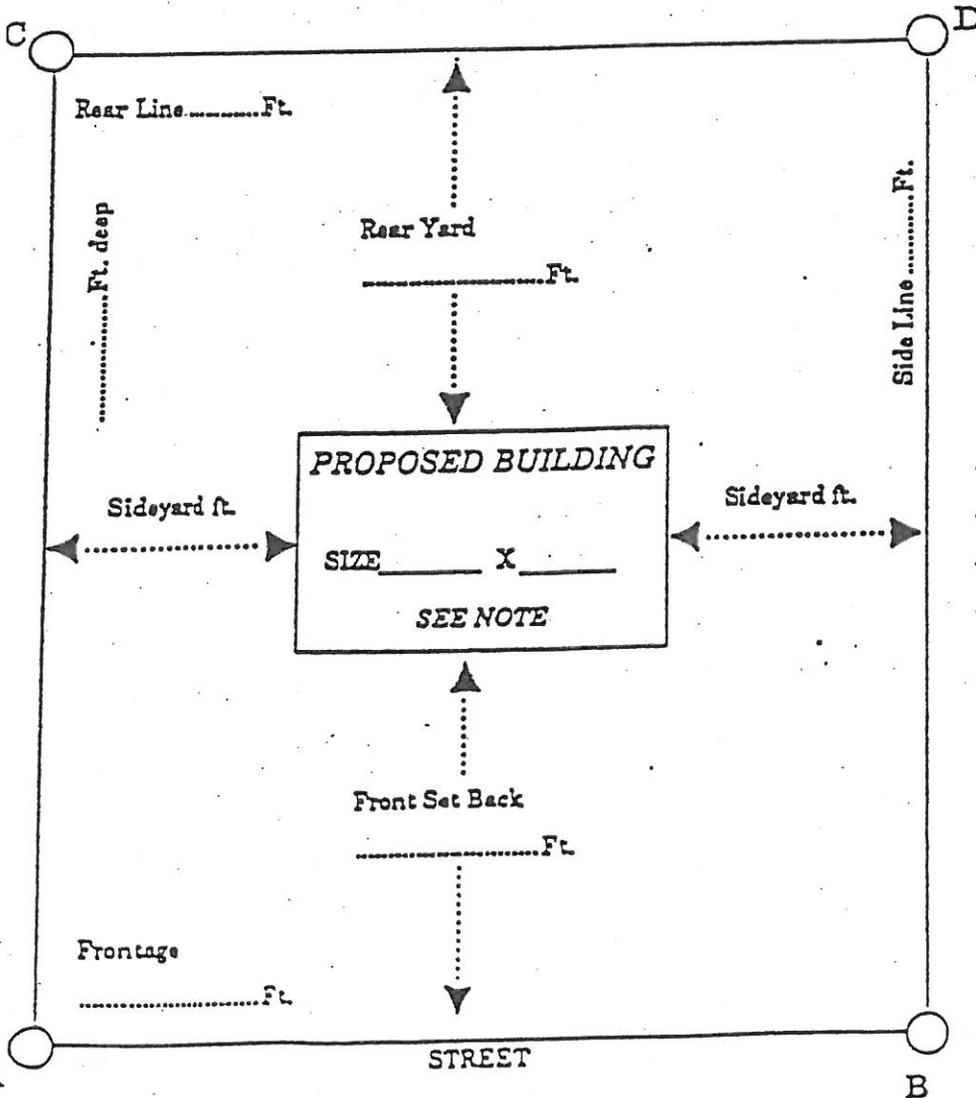
Windows: Size \_\_\_\_\_ Type \_\_\_\_\_

Type of Heat \_\_\_\_\_

### PLOT DIAGRAM

locate clearly and distinctly all buildings whether existing or proposed, and indicate all set back dimensions from property lines. Give lot and block numbers or description according to deed, and show all easements and street names and indicate whether interior or corner lot, or supply an approved plot plan showing all the above requirements.

(NOTE: TO PREVENT ANY DRAINAGE PROBLEM. SHOW ELEVATIONS. GRADING, SWALES, ETC.)



ELEVATIONS OF FINISHED GRADES  
 IN RELATION TO CROWN OF ROAD.

- A. \_\_\_\_\_
- B. \_\_\_\_\_
- C. \_\_\_\_\_
- D. \_\_\_\_\_

GROUND FLOOR \_\_\_\_\_

REMARKS

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**NOTE:**

1. IF THIS IS A VACANT LOT PRINT IN DIMENSIONS OF NEW BUILDING.
2. IF THERE IS AN EXISTING BUILDING AND A PROPOSED ADDITION PRINT IN DIMENSIONS AND SHOW ADDITION:

Michael R. Sayles, *City Manager*  
Michael D. Holmes, *Comptroller/City Clerk*  
Christopher Bailey, *Supt. Public Works*  
Robert Drake, *Police Chief*  
Sara Getman, *Recreation Supervisor*  
Kevin Mumford, *Supt. Waste Water Treatment*  
Robert Mumford, *Supt. Power & Light*



COMMISSIONERS  
William Vineall, *Mayor*  
Jeffrey Gilbert, *Deputy Mayor*  
Thomas Dixon  
Patrick Hubbard  
Jason Merrill

## CITY OF SHERRILL

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377 Sherrill Rd. • Sherrill, N.Y. 13461 • Telephone: (315) 363-2440 • Fax: (315) 363-0031 • www.sherrillny.org

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### OFFICE OF CODE ENFORCEMENT

Application No. \_\_\_\_\_

#### MEMO FOR RECORD:

The environmental impact of the request for \_\_\_\_\_  
at \_\_\_\_\_ was reviewed in accordance with  
NYCRR part 617 New York State Environmental Quality Review, Section 617.13, type  
II actions.

It has been determined that the \_\_\_\_\_ in no case  
will have a significant effect on the environment based on the criteria contained in  
Section 617.11 and additional criteria contained in the procedures adopted pursuant to  
Section 617.4.

Therefore, no environmental assessment is required.

CODE ENFORCEMENT OFFICER

Permit # \_\_\_\_\_

**ACTION**

Referred to Planning Board \_\_\_\_\_ Returned \_\_\_\_\_  
(Date) (Date)

Referred to County \_\_\_\_\_ Date: \_\_\_\_\_  
(Agency)

Returned \_\_\_\_\_ Action: \_\_\_\_\_  
(Date)

Permit to use, erect, repair, alter, extend, remove, demolish, occupy, maintain legal nonconforming use. (Circle one)

Issued on \_\_\_\_\_ by \_\_\_\_\_  
(Date) (Name and Title)

Denied on \_\_\_\_\_ because of nonconformance with \_\_\_\_\_  
(Date)

**INSPECTIONS**

	Date	Inspector	Remarks
No. 1			
No. 2			
No. 3			

Following an unsatisfactory inspection, a signed and dated statement should be attached to this form indicating the deficiencies found and the action take.

**CERTIFICATE OF OCCUPANCY**

C of O # \_\_\_\_\_

Issued on \_\_\_\_\_ by \_\_\_\_\_  
(Date) (Name and Title)

Denied on \_\_\_\_\_ because of nonconformance with \_\_\_\_\_  
(Date)

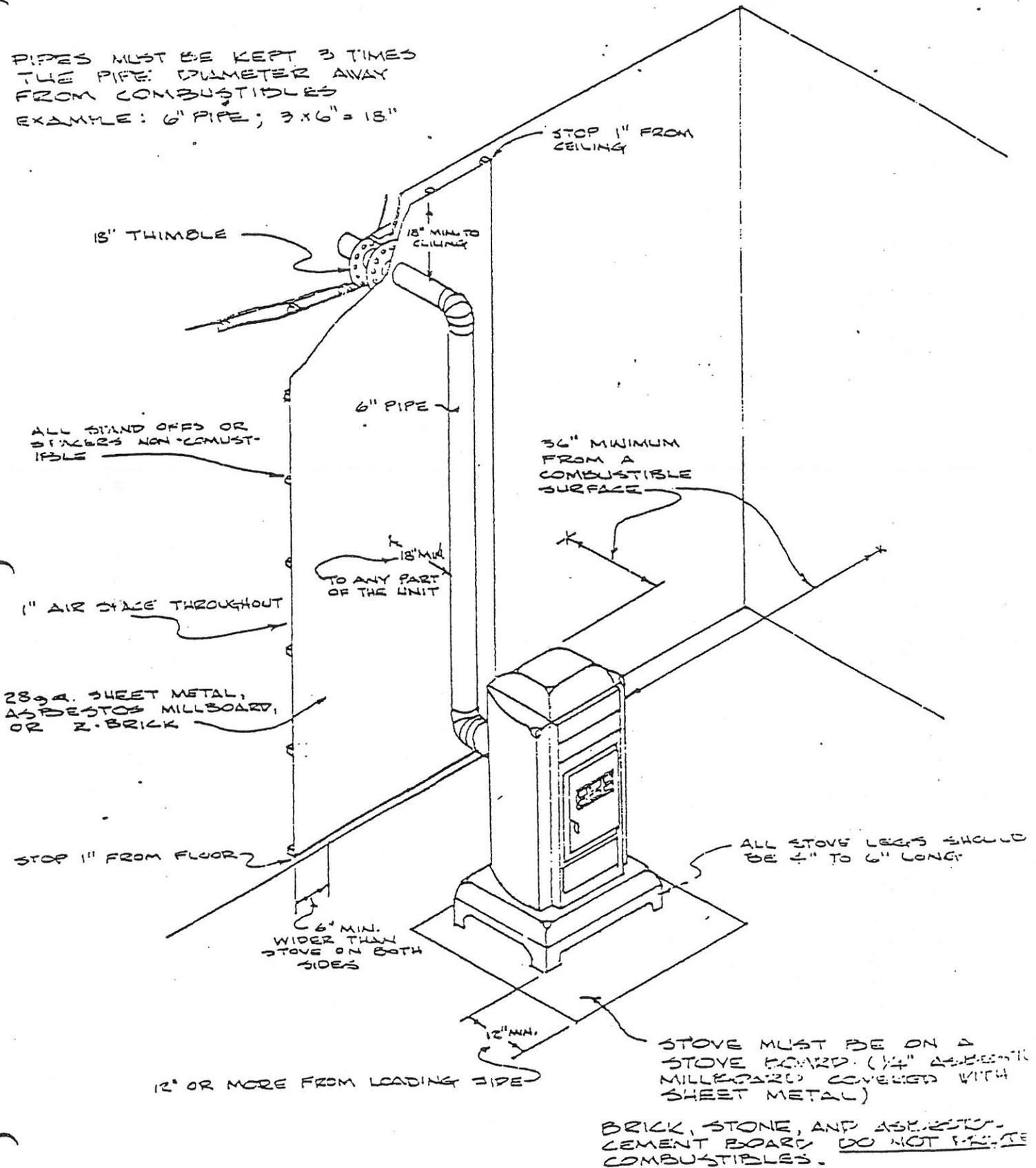
SHERRILL-KENWOOD WATER DISTRICT  
377 SHERRILL ROAD  
SHERRILL, NEW YORK 13461

ALL NEW WATER SERVICE INSTALLATIONS MUST MEET THE FOLLOWING REQUIREMENTS:

- A. TRENCH DEPTH SHALL BE 4.5 TO 5 FEET DEEP.
- B. MINIMUM SIZE OF COPPER SHALL BE ¾", COPPER TYPE SHALL BE K
- C. FROM THE CURB BOX TO THE HOUSE SHALL BE OF ONE CONTINUOUS LENGTH OF COPPER. NO JOINTS WILL BE PERMITTED IN THESE LENGTHS.
- D. JOINTS AT CURB BOX SHALL BE FLARED.
- E. METER VALVE SHALL BE A FLARED GATE VALVE.
- F. COPPER SERVICE GOING THROUGH CELLAR WALL MUST BE IN A SLEEVE.
- G. CONTRACTOR MUST ADVISE THE WATER DISTRICT AS TO THE LOCATION OF CURB BOX SO IT IS NOT LOCATED IN SIDEWALK OR DRIVEWAY.
- H. WATER SERVICE SHALL BE SEPARATED FROM SEWER LATERAL BY FIVE FEET.
- I. ANY CONTRACTOR OR PARTY DOING CONSTRUCTION OR REPAIR WORK ON SUCH FIXTURES AS SEWERS, DRAINS OR CONDUITS AND CAUSES INJURY TO THE WATER MAIN, SERVICE AND CURB BOX WILL BE HELD LIABLE AT THEIR OWN EXPENSE.
- J. BEFORE BACKILLING OF TRENCH, REPRESENTATIVE FROM WATER DISTRICT MUST INSPECT WATER SERVICE UNDER PRESSURE. ANY LEAKS OR VIOLATION OF CODE MUST BE REMEDIED BY THE CONTRACTOR. ADEQUATE TIME FOR INSPECTION OF WATER SERVICE MUST BE GIVEN TO THE WATER DISTRICT. WORKING HOURS ARE 7:00 A.M. TO 3:00 P.M. MONDAY THRU FRIDAY. NO WATER SERVICES WILL BE INSPECTED ON WEEKENDS. CITY HALL MUST BE NOTIFIED BY 12:00 NOON FOR ANY INSPECTIONS THAT DAY.
- K. WATER METER WILL BY FURNISHED BY THE WATER DISTRICT AT A COST OF \$125.00 FOR 5/8" METER AND EQUIPPED WITH A REMOTE READING SYSTEM SUCH THAT THE METER CAN BE READ WITHOUT ENTERING THE PREMISES.

# TYPICAL INSTALLATION OF A SOLID FUEL BURNING DEVICE-

PIPES MUST BE KEPT 3 TIMES  
THE PIPE DIAMETER AWAY  
FROM COMBUSTIBLES  
EXAMPLE: 6" PIPE;  $3 \times 6" = 18"$



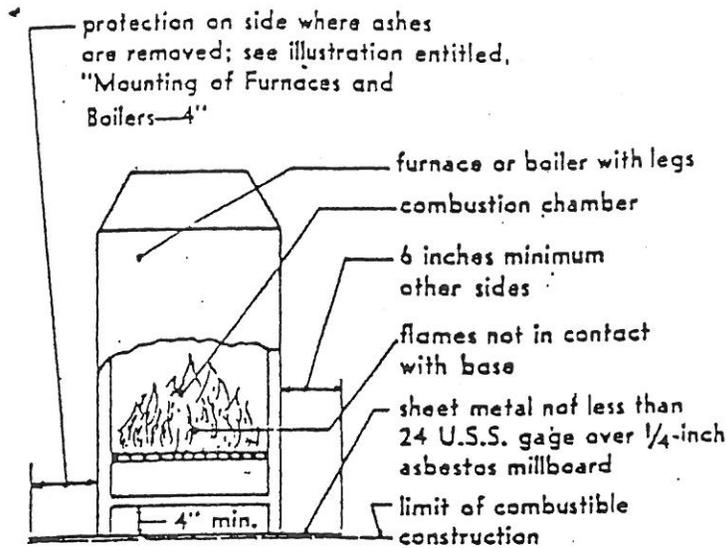
## CHIMNEYS, FLUES AND GAS VENTS

1. Gasvent – Enclosed passage used for removal to the outer air of products of combustion from gas-fired equipment only.

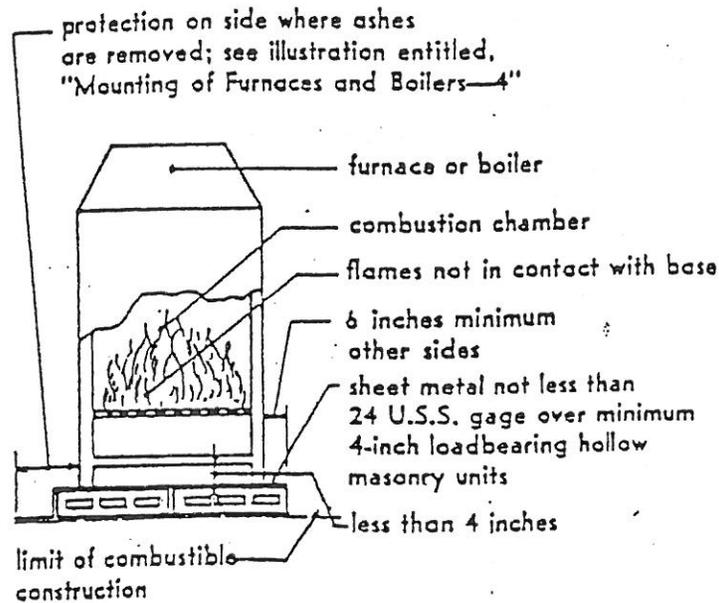
### Types of Gasvents:

- A. Metal Pipe
  - B. AC Pipe (Type B gasvent only)
  - C. Class A Chimney (with flue)
2. New York State Building Construction Code
    - A. Section C 505-1: No flue shall have smoke pipe or gasvent connections in more than one story of a building.
    - B. Section C 505-1: Fuel burning equipment and fireplaces located in different tenancies shall not be connected to the same flue.
  3. Solid fuel burning device
    - A. May be connected to Class A chimney, at the same level, with a gas or oil furnace.
    - B. If the solid fuel burning device is on a different floor than the gas or oil furnace, then a separate vent must be used for the solid fuel burning device.
  4. Gas hot water heaters are gas-fired equipment if the BTU input rating exceeds 5000 per hour.
  5. Class A Chimneys:
    - A. Masonry chimney blocks with a flue lining and a spark arrester.
    - B. Double lined prefabricated chimney with a spark arrester.

Mounting of Furnaces and Boilers—3



WARM AIR FURNACES AND LOW PRESSURE BOILERS



WARM AIR FURNACES, LOW PRESSURE BOILERS AND LOW TEMPERATURE INDUSTRIAL HEATING EQUIPMENT

MOUNTING ON COMBUSTIBLE SUPPORT

**TABLE 7-2.1**  
**CLEARANCES, INCHES,**  
**WITH SPECIFIED FORMS OF PROTECTION**

<p style="text-align: center;">Type of Protection</p> <p>Applied to the combustible material unless otherwise specified and covering all surfaces within the distance specified as the required clearance with no protection (See Fig. 1) Thicknesses are minimum.</p>	<p style="text-align: center;">Where the Required Clearance with No Protection Is: <b>36 Inches</b></p>		
	Above	Sides & Rear	Chimney or Vent Connector
(a) ¼ in. asbestos millboard spaced out 1 in.	30	18	30
(b) 0.013 in. (28 gauge) sheet metal on ¼ in. asbestos millboard	24	18	24
(c) 0.013 in. (28 gauge) sheet metal spaced out 1 in.	18	12	18
(d) 0.013 in. (28 gauge) sheet metal on 1/8 in. asbestos millboard spaced out 1 in.	18	12	18
(e) 1½ in. asbestos cement covering on heating appliance	18	12	36
(f) ¼ in. asbestos millboard on 1 in. mineral fiber bats reinforced with wire mesh or equivalent	18	12	18
(g) 0.027 in. (22 gauge) sheet metal on 1 in. mineral fiber bats reinforced with wire or equivalent	18	12	12
(h) ¼ in. asbestos millboard	36	36	36
(i) ¼ in. cellular asbestos	36	36	36

1. Except for the protection described in (e), all clearances should be measured from the outer surface of the appliances to the combustible material disregarding any intervening protection applied to the combustible material.
2. Spacers shall be of noncombustible material.
3. Asbestos millboard referred to above is a different material from asbestos cement board. It is not intended that asbestos cement board be used in complying with these requirements when asbestos millboard is specified.

**Venting.** Removal of combustion products as well as noxious or toxic fumes to the outer air.

**Venting System.** A continuous open passageway from the flue collar or draft hood of a fuel-burning appliance to the outside atmosphere for the purpose of removing flue gases.

(a) **Natural Draft.** Draft produced by the difference in the weight of a column of flue gases within a chimney or vent and a corresponding column of air of equal dimension outside the chimney or vent.

(b) **Mechanical Draft.** Draft produced by a fan or an air or steam jet. When a fan is so located as to push the flue gases through the chimney or vent, the draft is forced. When the fan is so located as to pull the flue gases through the chimney or vent, the draft is induced.

**Wall Furnace.** A self-contained, vented appliance complete with grills or equivalent, designed for incorporation in or permanent attachment to the structure of a building, mobile home, or recreational vehicle, and furnishing heated air directly into the space to be heated through openings in the casing. Such appliances shall not be provided with duct extensions beyond the vertical and horizontal limits of the casing proper, except that boots not to exceed 10 in. (254 mm) beyond the horizontal of the casing for extension through walls of nominal thickness may be permitted. Where provided, such boots shall be supplied by the manufacturer as an integral part of the appliance. This definition excludes floor furnaces, unit heaters, and central furnaces.

(a) **Gravity-type Wall Furnace.** A wall furnace depending on circulation of air by gravity.

(b) **Fan-type Wall Furnace.** A wall furnace equipped with a fan for the circulation of air.

**Wall Protector (Shield).** Noncombustible surfacing applied to a wall area for the purpose of reducing the clearance between the wall and a heat-producing appliance.

**Wash.** A slight slope or beveled edge of the top surface of a chimney designed to shed water away from the flue liner.

**Water Heater.** An indirect-fired fuel-burning or electrically heated appliance for heating water to a temperature not more than 200°F (93°C), having an input not greater than 200,000 Btu per hour or 58.6 kw and a water containing capacity not exceeding 120 US gal (454 L).

**Wythe.** With reference to masonry chimneys, a course, thickness, or a continuous vertical section of masonry separating flues in a chimney.

**1-6 Dimensions.** As used to describe building construction components, all minimum dimensions specified in this standard are actual unless otherwise stated. Nominal dimensions are permitted to vary from their stated dimensions by no more than 1/2 in. (12.7 mm).

#### 1-7 Draft.

**1-7.1 Minimum Performance.** A chimney or vent shall be so designed and constructed to develop a flow sufficient to completely remove all flue or vent gases to the outside

atmosphere. The venting system shall satisfy the draft requirements of the connected appliance(s) in accordance with the equipment manufacturers' instructions or the chapter on Chimney, Gas Vent, and Fireplace Systems of the Equipment Volume of the ASHRAE Handbook.

**1-7.2** A mechanical draft system of either forced or induced draft design shall be permitted to be used to increase draft or capacity. Where a mechanical draft system is installed, provision shall be made to prevent the flow of fuel to automatically fired appliance(s) when that system is not operating.

**1-7.3** Chimneys serving incinerators, or other process equipment where the combustion process cannot be completely stopped by fuel shutoff alone, shall be sized for natural draft conditions. Where air pollution control devices or other devices in the chimney system require a mechanical draft system, the chimney system shall be so arranged that, upon a power failure, the natural draft chimney alone can satisfactorily remove the products of combustion until the combustible material is completely consumed.

**1-7.4** Forced draft systems and all portions of induced draft systems under positive pressure during operation shall be so designed and installed as to be gastight or as to prevent leakage of combustion products into a building.

**1-7.5** Vent connectors serving appliances vented by natural draft shall not be connected into any portion of mechanical draft systems operating under positive pressure.

#### 1-8 Termination (Height).

**1-8.1** Masonry chimneys shall extend above the highest point where they pass through the roof of a building by at least the distance specified in Table 3-2, Column VII, and above any portion of any structure by a least the distance specified in Table 3-2, Column VIII, measured horizontally from the vertical chimney line. [See Figures 1-8(a) and (b).]

*Exception: As provided in 4-2.1 Exception, Section 6-4, and Section 6-7.*

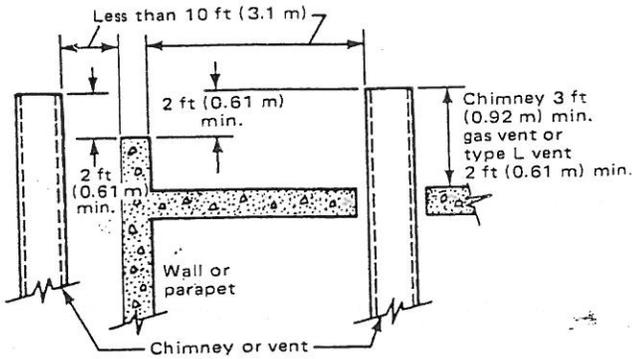
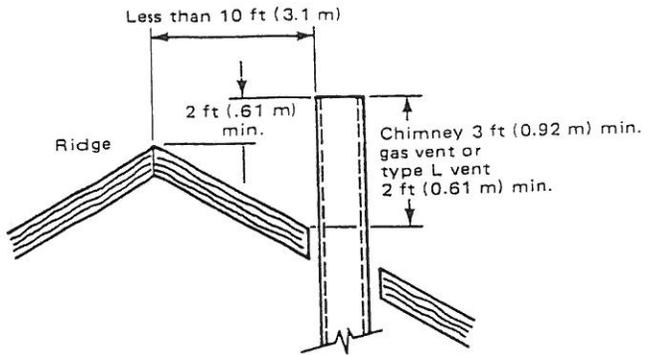
**1-8.2** Natural draft chimneys and vents shall not terminate at an elevation less than 5 ft (1.53 m) above the flue collar or the highest connected draft hood outlet.

*Exception: As provided in Section 6-7.*

**1-9 Enclosure.** Interior residential chimneys shall be enclosed where they extend through closets, storage areas, or habitable spaces where the surface of the chimney could be contacted by persons or combustible materials. The space between the chimney and the enclosure shall be at least the minimum air space clearance specified in this standard (Table 3-2) or the clearance specified in the manufacturer's instructions for listed chimneys.

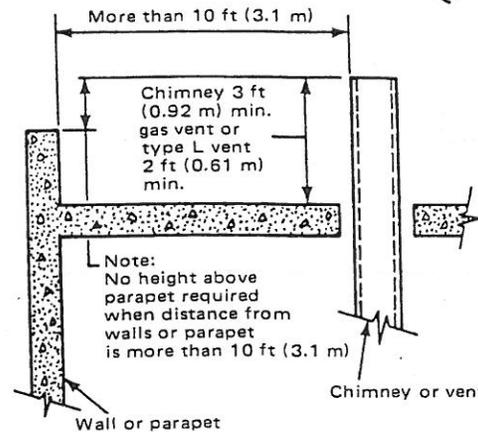
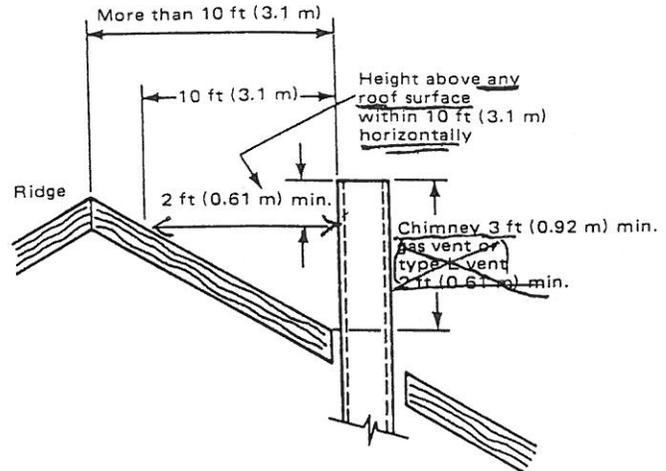
#### 1-10 Flue Lining.

**1-10.1** Castable or plastic refractories used to line chimneys or connectors shall be the equivalent in resistance to heat and erosion by flue gases to that of the fireclay brick that would otherwise be specified.



Termination less than 10 ft (3.1 m) from ridge, wall, or parapet.

Figure 1-8(a).



Termination more than 10 ft (3.1 m) from ridge, wall, or parapet.

Figure 1-8(b).

**1-10.2** Lining made of castable or plastic refractories shall be secured to the supporting walls by anchors made of corrosion-resistant steel capable of supporting the refractory load at 1500°F (816°C).

### 1-11 Caps and Spark Arrestors for Chimneys and Vents.

**1-11.1** Chimney or vent caps, where required for the termination of chimneys or vents, shall be designed to prevent the entry of rain, snow, and animals — including birds.

**1-11.2** Screening material attached to chimney or vent caps to prevent the entry of animals and insects shall not adversely affect the chimney or vent draft.

**1-11.3** Spark arrestors, where required by the authority having jurisdiction for chimneys attached to solid fuel-burning equipment, shall meet the following requirements:

(a) The net-free area of the arrestor shall be not less than 4 times the net-free area of the outlet of the chimney flue it serves.

(b) The arrestor screen shall have heat and corrosion resistance equivalent to 19 gage (0.041 in.) galvanized steel or 24 gage (0.024 in.) stainless steel.

(c) Openings shall not permit the passage of spheres having a diameter larger than 1/2 in. (12.7 mm) nor block the passage of spheres having a diameter of less than 3/8 in. (9.5 mm).

(d) The spark screen shall be accessible for cleaning, and the screen or chimney cap shall be removable to allow for cleaning of the chimney flue.

**1-11.4** Where part of a listed chimney termination system, spark arrestors shall be constructed and installed in accordance with the listing.

## Chapter 2 Factory-Built Chimneys and Chimney Units

### 2-1 Type and Installation.

**2-1.1** Factory-built chimneys and chimney units shall be listed and shall be installed in accordance with the temperature conditions of the listing and the manufacturer's instructions. Flue gas temperatures in the chimney shall not exceed the limits employed during listing tests.

**2-1.2** Factory-built chimneys for use with wood-burning appliances shall comply with the Type HT requirements of UL 103 or the requirements of ULC S629M.

*Exception No. 1: Chimneys for factory-built fireplaces shall meet the requirements of UL 127.*



## NOTICE TO BUILDING PERMIT APPLICANTS

An asbestos survey is required for all renovation, remodeling, repair and demolition of all interior and exterior building materials. As per NYS Industrial Code Rule 56, asbestos material must be abated by licensed contractors utilizing certified asbestos handlers, with the exception of owner-occupied single family homes, where the owner may remove the asbestos. However, it is not recommended that the owner remove asbestos. The owner could potentially expose themselves, their family and neighbors to asbestos fibers if correct engineering controls and work methods are not utilized during the abatement.

For further information and updates, please see the NYS website at:  
[www.labor.ny.gov](http://www.labor.ny.gov).