INSPECTOR OF BUILDINGS

TOWN OF GRANVILLE
PO BOX 247 707 MAIN ROAD
GRANVILLE, MA 01034

(413) 357-8585
fax (413) 357-6002

Office Use Only
Permit Fee $ 60.00
Date Rec'd._____ Check #_____

APPLICATION for WOOD/SOLID FUEL STOVE, CHIMNEY, or FIREPLACE

To the Inspector of Buildings: The undersigned hereby applies for a permit to **INSTALL SOLID FUEL BURNING EQUITMENT** in or for a building according to the following specifications:

LOCATION OF BUILDING	**No. _____ Street _____ Map _____ Lot _____ Zone _____**
Use Group:	Principal use of the building:

APPLICATION TO INSTALL: **ESTIMATED COST: $_____**

- ☐ **WOOD STOVE**
- ☐ **PELLET STOVE**
- ☐ **SOLID FUEL BOILER**
- ☐ **CHIMNEY**
- ☐ **FIREPLACE** - *PROVIDE PLAN WITH APPLICATION*

IN THE FOLLOWING LOCATION: _____

PERMIT: The installation of a solid fuel appliance must conform to the provisions of the Massachusetts State Building Code 8th edition and manufacturer's recommended procedures.
The required permit and inspection is limited to the stove installation and not to the stove construction.

1. **LABEL:** Every new solid fuel stove to be installed in Massachusetts must be labeled as having been tested by a laboratory accredited by the State Building Code (Sect. 6007.1 & 2)
2. **USED APPLIANCES:** may be installed provided that the installation conforms with Section 6007.14 and the clearances required by Table 6007.11 (see **Information Page** for reduced clearances)
3. **CHIMNEYS & VENTS (General):** Every solid fuel stove installed shall exhaust to the exterior by either a complying existing chimney, new chimney or approved venting system.

Mass Building Code 7th Edition (780 CMR) Chapter 60.00 may be found at www.mass.gov/DPS -Building Code

OWNER'S NAME & ADDRESS	**PHONE #**
BUILDER'S NAME & ADDRESS	**CSL #**
	HIC #
	PHONE

The owner of this building and the undersigned agree to conform to the Building Code and applicable laws of the Town. Signature of Authorized Agent or Owner

_____ _____
Signature of Authorized Agent Signature of Owner

SOLID FUEL STOVE INSTALLATION CHECKLIST

COMPLETE THE INSTALLATION CHECKLIST AND RETURN WITH THE APPLICATION

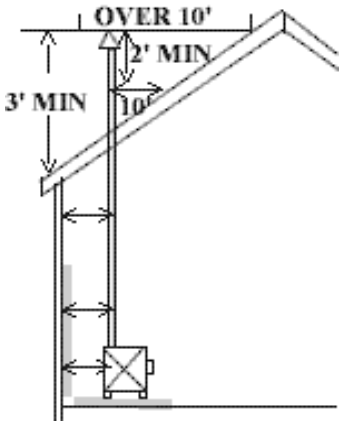
Stove

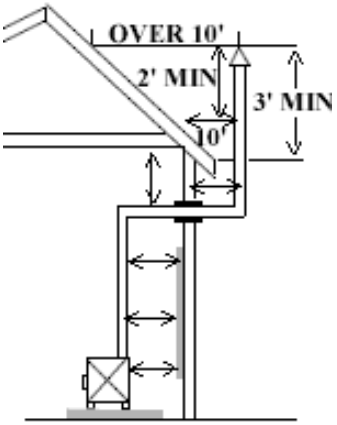
A. Fuel _____ New _____ Used _____
B. Type: Radiant _____ Circulating _____
C. Manufacturer _____ Lab. No. _____
D. Name or Model No. _____ Flue Collar size _____
E. Dimensions: Height _____ Length _____ Width _____

Chimney or Vent

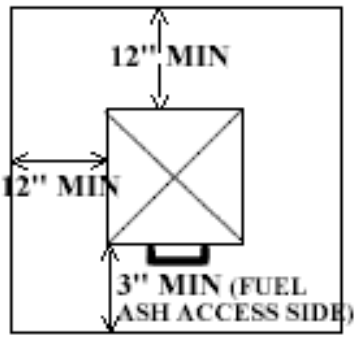
A. New _____ Existing _____
B. Flue Size(s) (flue area) _____
C. Type
Masonry _____ Flue liner _____
Prefab _____ (Manufacturer's name) _____ type _____
D. Height (refer to diagrams or installation instructions) _____ cap _____
C. Are other appliances attached to flue (Number and collar sizes) _____

CHIMNEY HEIGHT





HEARTH

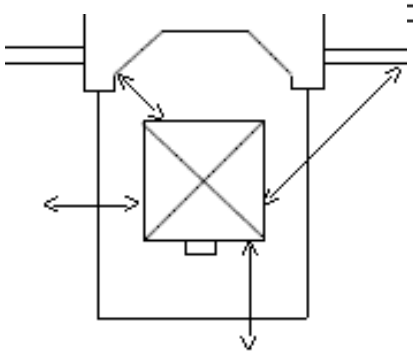


Hearth (non-combustible)

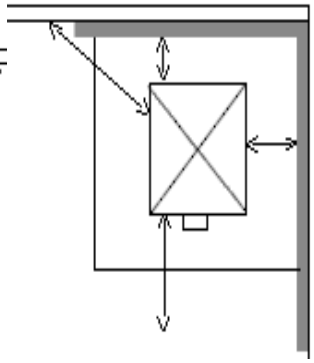
A. Materials _____
B. Sub-floor construction _____
C. Minimum dimensions (refer to diagram)
Front _____ Side(s) _____ Rear _____

Clearances and Wall Protection (see stove installation clearances chart)

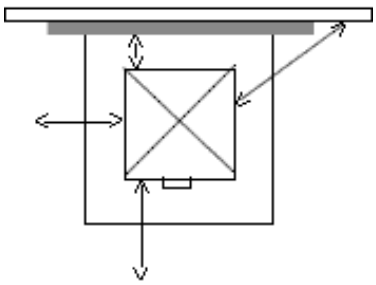
A. Type of wall protection provided _____
B. Clearances (refer to diagrams)
Front _____ Side(s) left _____, right _____ Rear _____



FIREPLACE



CORNER



WALL/CENTER

INFORMATION PAGE --- Retain for your information

PERMIT & INSPECTION POLICIES

- All Solid Fuel burning devices must be inspected.
- Permit Cards will issued at the time of inspection.
- Please arrange for inspection at the time of application or upon completion of the installation.
- Any installation not having requested an inspection within 6 months of application will be voided.
- Fireplaces require a “throat” inspection prior to enclosing the smoke chamber.
- Chimneys require a footing inspection.

780 CMR TABLE 6007.6.1[1,2]
CHIMNEY AND/OR VENT CONNECTOR CLEARANCES TO COMBUSTIBLE MATERIALS/SOLID FUEL-BURNING APPLIANCES ONLY

DESCRIPTION OF APPLIANCE	CONNECTOR TYPE	MINIMUM CLEARANCE (in)	MINIMUM CLEARANCE (mm)
Residential-type appliances	Single-wall metal pipe connector	18	457
Residential-type appliances	Type L vent piping connector	9	229
Low-heat appliances boilers, furnaces, water heaters	Single-wall metal pipe connector	18	457
Medium-heat appliances	Single-wall metal pipe connector	36	914
High-heat appliances	Masonry or metal connector	Note 3	Note 3

1. *For greater detail and guidance, refer to NFPA 211, Section 6-5.*
2. *For chimney connectors tested and listed for other clearances to combustibles, such tested, listed clearances shall apply.*
3. *Clearances shall be based on engineering calculations and good engineering practice. Refer to NFPA 211, Section 6-5.6007.7 Chimney flue size. For solid fuel-burning comfort heating appliances for one- and two-family use, the cross-sectional area of the flue shall not be less than the cross-sectional area of the appliance flue collar. The cross-sectional area of the flue shall not be more than three times the cross-sectional area of the flue collar of the appliance.*

780 CMR TABLE 6007.11[1,2,3]
STANDARD CLEARANCES TO COMBUSTIBLES FOR SOLID FUEL-BURNING APPLIANCES

APPLIANCE TYPE	CLEARANCE ABOVE TOP OF APPLIANCE (inches)	CLEARANCE FROM FRONT OF APPLIANCE (inches)	CLEARANCE FROM BACK OF APPLIANCE (inches)	CLEARANCE FROM SIDES OF APPLIANCE (inches)
Room heaters; fireplace stoves; combination	36	36	36	36

For SI: 1 inch = 25.4 mm.

1. *For reduced clearance requirements, see 780 CMR 6007.11.1*
2. *Adequate clearance for maintenance and cleaning shall be provided.*
3. *Provisions for solid fuel storage–solid fuel shall not be stored any closer than 36 inches from the sides, front or back of the solid fuel-burning appliance.*

Table 12.6.2.1 Reduction of Appliance Clearance with Specified Forms of Protection

Clearance Reduction Applied to and Covering All Combustible Surfaces within the Distance Specified as Required Clearance with No Protection *(See 12.6.1 through 12.6.1.3)*	Maximum Allowable Reduction in Clearance (%)		Minimum Clearance			
			As Wall Protector		As Ceiling Protector	
	As Wall Protector	As Ceiling Protector	in.	mm	in.	mm
(a) 3½ in. (90 mm) thick masonry wall without ventilated air space	33	—	24	610	—	—
(b) ½ in. (13 mm) thick noncombustible insulation board over 1-in. (25.4-mm) glass fiber or mineral wool batts without ventilated air space	50	33	18	457	24	610
(c) 0.024-in. (0.61-mm), 24-gauge sheet metal over 1-in. (25.4-mm) glass fiber or mineral wool batts reinforced with wire, or equivalent, on rear face with ventilated air space	66	50	12	305	18	457
(d) 3½ in. (90 mm) thick masonry wall with ventilated air space	66	—	12	305	—	—
(e) 0.024-in. (0.61-mm), 24-gauge sheet metal with ventilated air space	66	50	12	305	18	457
(f) ½ in. (13 mm) thick noncombustible insulation board with ventilated air space	66	50	12	305	18	457
(g) 0.024-in. (0.61-mm), 24-gauge sheet metal with ventilated air space over 0.024-in. (0.61-mm), 24-gauge sheet metal with ventilated air space	66	50	12	305	18	457
(h) 1-in. (25.4-mm) glass fiber or mineral wool batts sandwiched between two sheets 0.024-in. (0.61-mm), 24-gauge sheet metal with ventilated air space	66	50	12	305	18	457

Notes:

1. All clearances and thicknesses are minimums; larger clearances and thicknesses may be permitted.
2. To calculate the minimum allowable clearance, the following formula can be used: $C_{pr} = C_{un}\ (1 - R/100)$. C_{pr} is the minimum allowable clearance, C_{un} is the required clearance with no protection, and R is the maximum allowable reduction in clearance.
3. Refer to Figures 12.6.2.1(e) and 12.6.2.1(f) for other reduced clearances using materials found in (a) through (h) of this table.