



## STANDARD MASONRY CHIMNEY & FIREPLACE REQUIREMENTS

The Town of Los Gatos requires a building permit for any construction, repair or alteration of a masonry chimney or fireplace. The requirements of Chapter 21, Section 2111 of the 2022 California Building Code and the 2022 California Residential Code shall be applicable. In order to process your request for a building permit, **please submit the items listed below and include this completed checklist in your submittal.** We do **not** accept submittals by mail or courier. **A plan check fee will be required after the preapplication process is completed.** If one or more required items are not submitted, the application will be considered incomplete and will not be accepted.

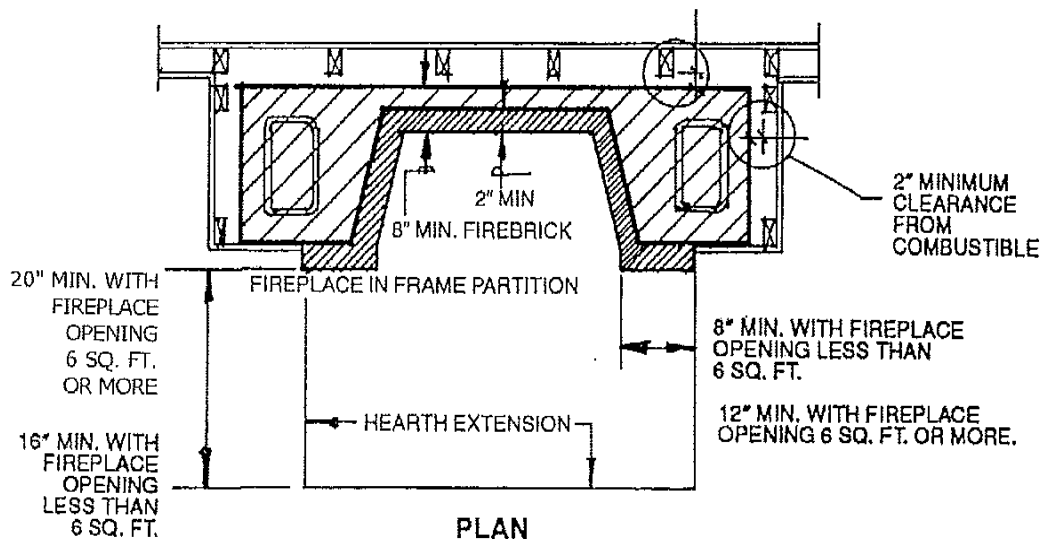
To submit your application, you will need to register for an account on the Town's portal:

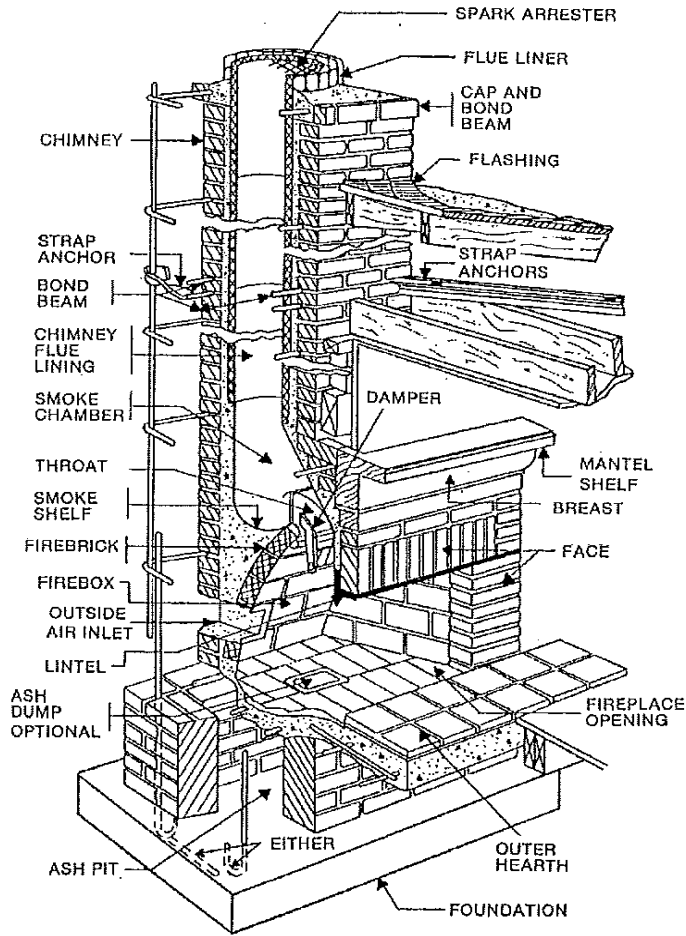
<https://permits.logatosca.gov/CitizenAccess/Default.aspx>. Note that a Building Permit Technician **will need to approve your account** before you may move forward with your submission. The Building pre-application is a preliminary review for the building permit. You will need to upload to the pre-application in separate PDF's:

1. Completed permit application <https://www.logatosca.gov/DocumentCenter/View/833/Building-Division-Permit-Applications?bidId=>
2. Plan set (PDF pages bookmarked and signed by design professional. Note: This must be ONE (1) PDF.)
3. Supporting documents (i.e., Structural Calculations, Title-24, etc.) which should be separate uploads.

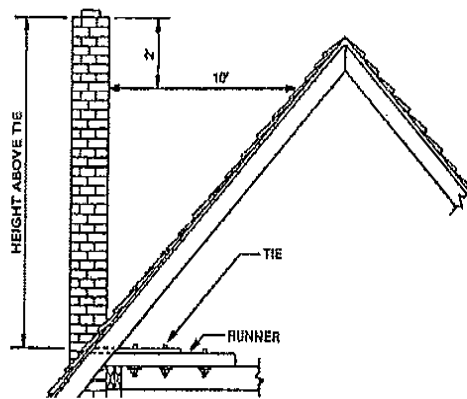
**Requirements for New Building Construction:** Effective November 1, 2016, no person or builder shall install a wood-burning device in a new building construction.

**Requirements for Remodeling a Fireplace or Chimney:** Effective November 1, 2016, no person shall remodel a fireplace or chimney unless a gas-fueled, electric, or EPA certified device is installed that meets requirements in Title 40 Code of Federal Regulations, Part 60, Subpart AAA. This requirement is triggered by a fireplace or chimney remodel where a total cost exceeds \$15,000.00 and requires a local Building permit. The total cost excludes the cost of a building permit.

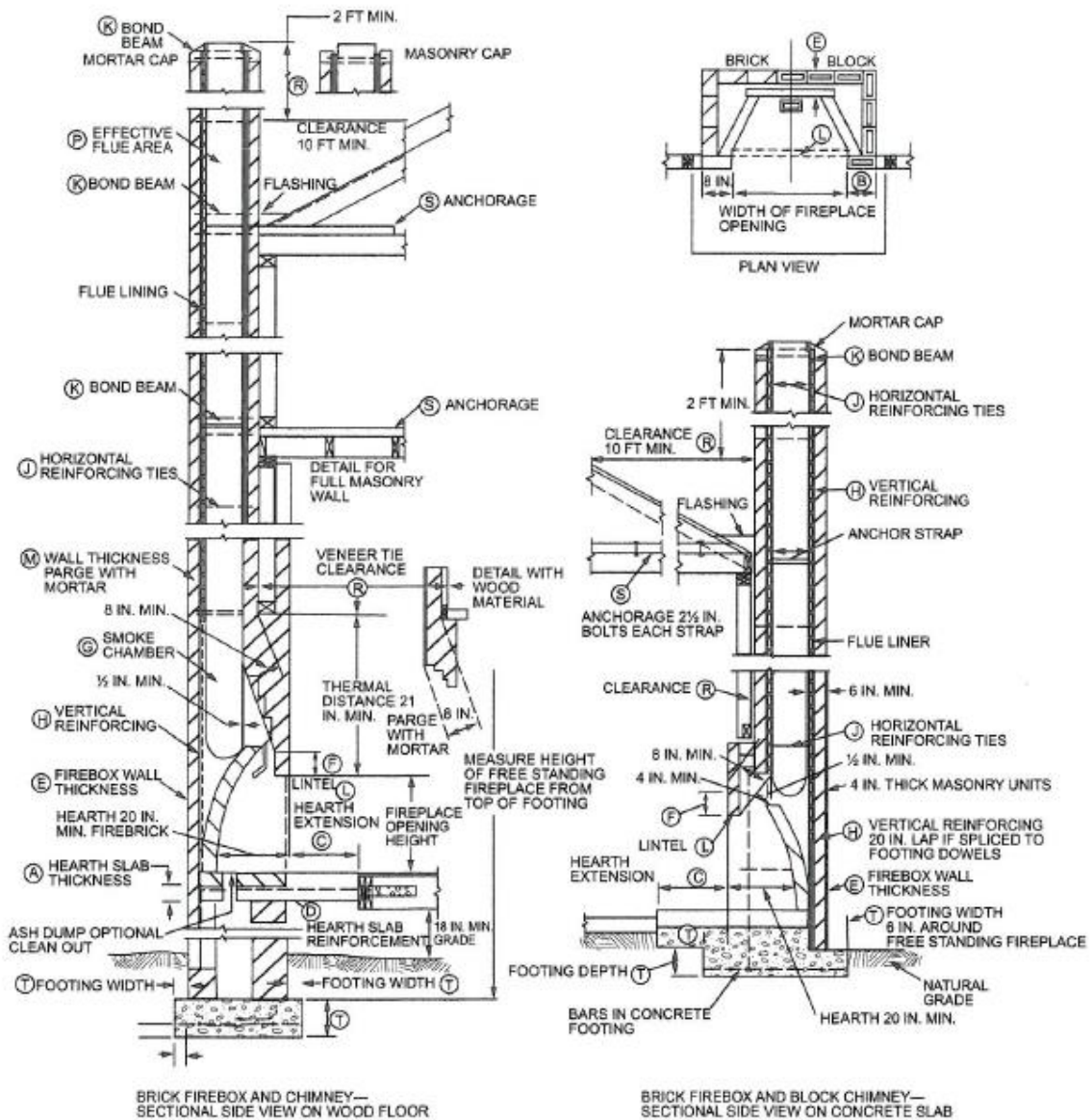




PARTS OF A FIREPLACE AND CHIMNEY



CHIMNEYS AND FIREPLACES



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

FIGURE R1001.1  
FIREPLACE AND CHIMNEY DETAILS

Town of Los Gatos  
Standard Masonry Chimney & Fireplace Requirements

**CHIMNEYS AND FIREPLACES**

**TABLE R1001.1  
SUMMARY OF REQUIREMENTS FOR MASONRY FIREPLACES AND CHIMNEYS**

ITEM	LETTER <sup>a</sup>	REQUIREMENTS
Hearth slab thickness	A	4"
Hearth extension (each side of opening)	B	8" fireplace opening < 6 square foot. 12" fireplace opening ≥ 6 square foot.
Hearth extension (front of opening)	C	16" fireplace opening < 6 square foot. 20" fireplace opening ≥ 6 square foot.
Hearth slab reinforcing	D	Reinforced to carry its own weight and all imposed loads.
Thickness of wall of firebox	E	10" solid brick or 8" where a firebrick lining is used. Joints in firebrick 1/4" maximum.
Distance from top of opening to throat	F	8"
Smoke chamber wall thickness Unlined walls	G	6" 8"
Chimney Vertical reinforcing <sup>b</sup>	H	Four No. 4 full-length bars for chimney up to 40" wide. Add two No. 4 bars for each additional 40" or fraction of width or each additional flue.
Horizontal reinforcing	J	1/4" ties at 18" and two ties at each bend in vertical steel.
Bond beams	K	No specified requirements.
Fireplace lintel	L	Noncombustible material.
Chimney walls with flue lining	M	Solid masonry units or hollow masonry units grouted solid with not less than 4-inch nominal thickness.
Distances between adjacent flues	—	See Section R1003.13.
Effective flue area (based on area of fireplace opening)	P	See Section R1003.15.
Clearances Combustible material Mantel and trim Above roof	R	See Sections R1001.11 and R1003.18. See Section R1001.11, Exception 4. 3' at roofline and 2' at 10'.
Anchorage <sup>b</sup> Strap Number Embedment into chimney Fasten to Bolts	S	3/16" × 1" Two 12" hooked around outer bar with 6" extension. 4 joists Two 1/2" diameter.
Footing Thickness Width	T	12" min. 6" each side of fireplace wall.

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 square foot = 0.0929 m<sup>2</sup>.

**Note:** This table provides a summary of major requirements for the construction of masonry chimneys and fireplaces. Letter references are to Figure R1001.1, which shows examples of typical construction. This table does not cover all requirements, nor does it cover all aspects of the indicated requirements. For the actual mandatory requirements of the code, see the indicated section of text.

- a. The letters refer to Figure R1001.1.
- b. Not required in Seismic Design Category A or B.