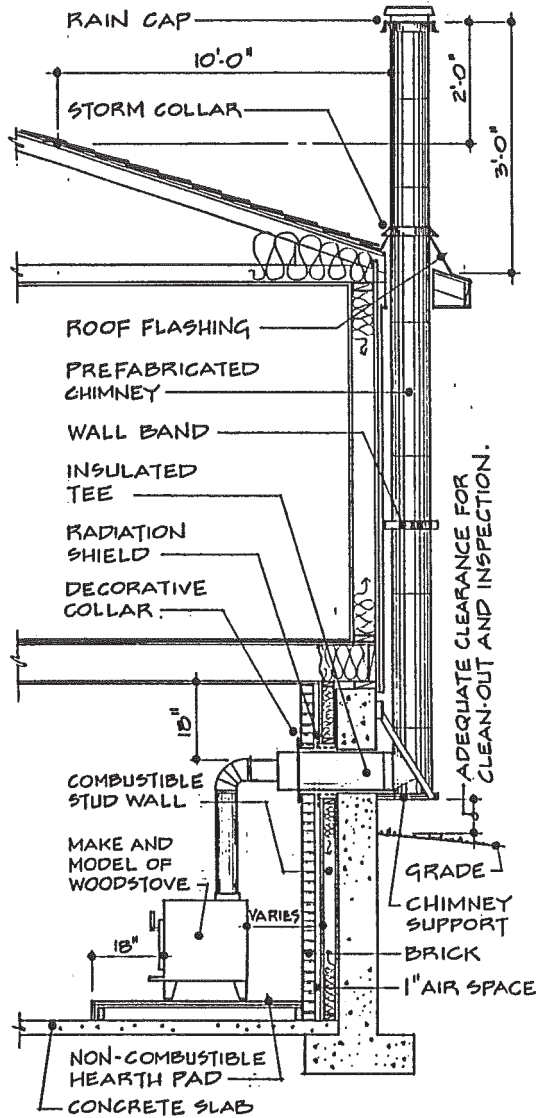


DRAWING REQUIREMENTS

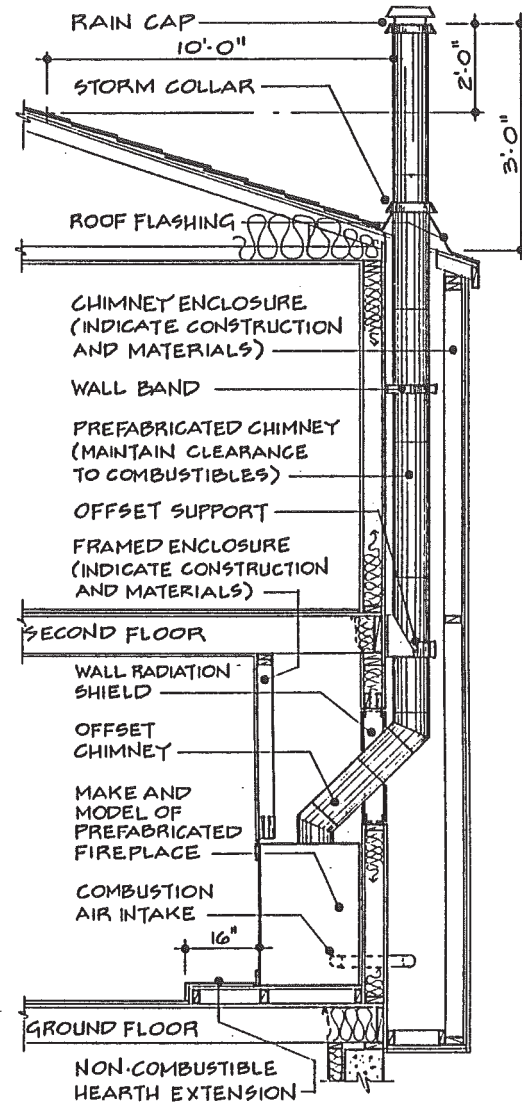


CROSS-SECTION
SCALE: 1/2" = 1'-0"

WOODSTOVE

NOTE: Applications for site built masonry fireplaces and chimneys require floor plan and full height cross section drawings.

DRAWING REQUIREMENTS



CROSS-SECTION
SCALE: 1/2" = 1'-0"

PREFABRICATED FIREPLACES

NOTE: Drawings for site built masonry fireplaces and chimneys must include provisions for adequate foundation support.

INSPECTIONS

- Once a permit has been issued and construction commences, inspections will be required.
- Inspection will, in most cases, be limited to:
 - Chimney chase inspection (framing, insulation, and vapour barrier must be inspected prior to covering);
 - Appliance and chimney rough-in inspection (components must be complete and visible),
 - Final inspection (ie: hearths, combustion air, enclosures).
- Inspections do not happen automatically. It is your responsibility to arrange an inspection at least 48 hours in advance by calling one of the following numbers:

North Ward	South Ward
625-2570	625-3124

You can call anytime (24 hours/day) and leave a message. **Appointment times must be confirmed with a Building Inspector.**



BUILDING SERVICES DIVISION

Second Floor, Victoriaville Civic Centre
111 Syndicate Avenue South
P.O. Box 800
Thunder Bay, Ontario P7C 5K4

Telephone: (807) 625-2574
Fax: (807) 623-9344

Office Hours:
Monday - Friday
8:30 a.m. - 4:30 p.m.

A Guide To:

RESIDENTIAL SOLID FUEL BURNING APPLIANCES

(Woodstoves, Fireplaces)

This pamphlet has no legal status and cannot be used as an official interpretation of the various codes and regulations currently in effect. Users are advised to contact the Building Services Division of the Development & Emergency Services Department, and reference the Ontario Building Code and City of Thunder Bay Zoning By-law, for assistance and information.

A Building Permit Is Required Prior To Construction And Inspection

Regulations and Permit Information



GENERAL REGULATIONS

- A Building Permit is required for the installation or relocation of a solid fuelburning appliance, chimney and related construction.
- Factory-built fireplaces, steel liners, fireplace inserts, woodstoves, other manufactured solid fuel burning appliances and factory built chimneys must comply with the appropriate building code, testing and installation standards.
- Site-built fireplaces and chimneys must be provided with adequate foundation supports.
- In houses, a carbon monoxide alarm, shall be installed adjacent to each sleeping area as per manufacturer's installation instructions or on or near the ceiling. It shall be permanently wired to an electrical circuit, and shall have no disconnect switch between the power source and the carbon monoxide alarm. It shall be wired so that upon it's activation it will activate all carbon monoxide alarms throughout the house.
- Ventilation requirements must be addressed and are based on the construction date of the house:

Pre-1990	Ventilation is not mandatory
1990 to July 1, 1993	Existing passive air or mechanical ventilation systems (HRVs) may require upgrading.
July 1, 1993 to Present	Mechanical HRV systems are mandatory. Existing systems may require upgrading.

Exterior combustion air is required for all solid fuel burning appliances and must be connected to the appliance if there are provisions to do so. If there are no such provisions on the appliance, exterior combustion air is required in the room in which the appliance is located.

APPLICATION REQUIREMENTS

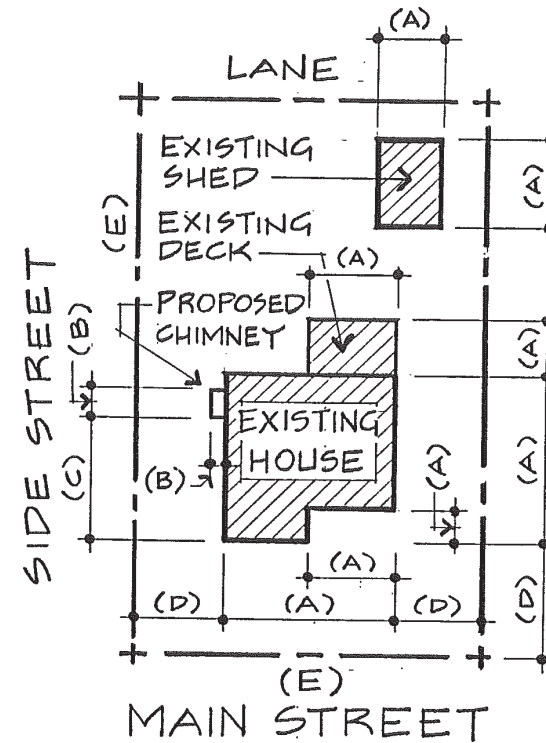
Provide the following:

- Completed Building Permit Application Form.
- Proof of Ownership (ie: either a Property Deed or Tax Notice).
- Authorization from owner.
- Current Site Plan or Survey, indicating existing and proposed construction (if exterior work is proposed).
- Two sets of complete working drawings consisting of:
 1. A floor plan of the room or area in which the appliance is being installed,
 2. A cross-section of the appliance and associated construction, (except where adequate information is provided within the appliance and chimney brochures/manuals).
 3. A foundation plan and section (for masonry fireplaces and chimneys, where applicable.)
- A copy of the appliance and chimney brochures and installation manuals.
- Ventilation design information:
 1. Existing passive systems will require upgrading of the passive ventilation form.
 2. HRV systems must be designed by a certified designer. This includes upgrading existing systems.
- Permit Fee (determined by Building Division staff, based on \$10 per \$1,000 of construction value. Minimum fee \$45).

PLEASE NOTE: The drawings must provide enough information to verify Zoning By-law and Building Code requirements are met.

- Projects involving electrical work require contact with **Ontario Hydro**. For information and inspections, call 343-3404.

SITE PLAN/SURVEY REQUIREMENTS



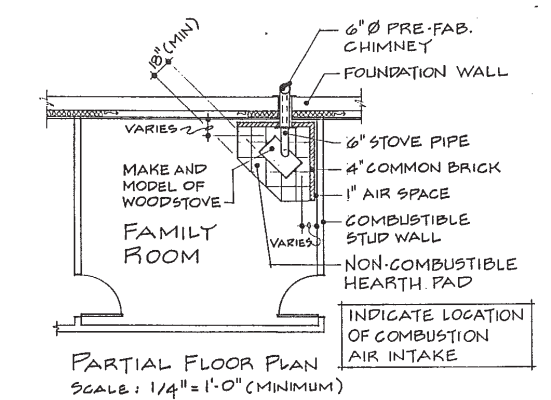
Indicate the following:

- Existing Building(s) width, length & use
- Proposed Chimney width, length & use
- Proposed Chimney location (Dimension)
- Existing Building yards
- Property Dimensions

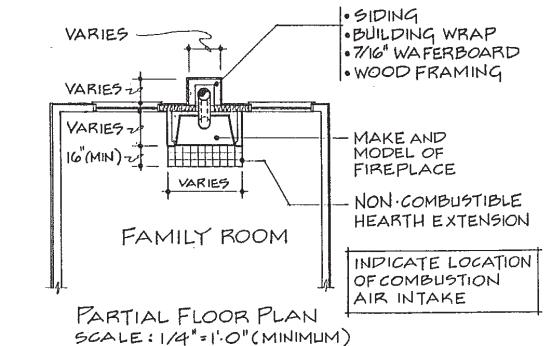
ZONING REQUIREMENTS

Chimneys may not project more than 0.6m (23 5/8") into any required side yard, and a minimum distance of 0.3m (11 3/4") shall be maintained between the projection and any lot line.

DRAWING REQUIREMENTS



WOODSTOVE



PREFABRICATED FIREPLACE

The drawings in this brochure should assist you in determining submission requirements.

Standards, clearances, offsets, and material will vary according to the appliance and chimney being used.

General information for masonry fireplaces and chimney construction is available on request.