

POST ON CONSTRUCTION SITE

Address _____

Emergency Contact Name _____

Emergency Contact Phone Number _____

Muster Point _____

IN CASE OF A FIRE EMERGENCY

Upon discovery of fire

- Leave fire area immediately.
- Close all doors behind you. Turn off equipment if safe to do so.
- Notify occupants verbally, sound horn or activate fire alarm system.
- Call the Fire Department by dialing **9-1-1** on a telephone from a safe location.
- Use nearest exit, do not use man lifts or elevators.
- Try to extinguish a very small fire only.
- If you have the slightest doubt about whether or not to fight the fire – DON'T. Instead, evacuate, and close the door behind you to slow the spread of fire.
- Go to muster point, stay there until instructed to do otherwise.
- A supervisor must await the arrival of the Fire Department at a location that is safe to do so.

Upon hearing of a fire event

- Turn off equipment.
- Use the nearest exit; do not use man lifts or elevators.
- Close all doors behind you where practical.
- Go to the designated mustering point, be accounted for.
- Do not leave the designated muster point until instructed to do so.
- Designates must account for all people expected to be on site and report any missing persons to the Fire Department and local authorities.

EMERGENCY PHONE NUMBERS

- Fire, Rescue, Dangerous Goods, Ambulance, Police 9-1-1
- POWER (Epcor)..... 780.412.4500
- WATER (Strathcona County Utilities) 780.467.7785
- GAS (Atco Gas) 780.420.5585

Construction, Demolition and/or Renovation Fire Safety Guidelines

The primary purpose of these guidelines is to protect life and property. These guidelines are aimed mainly at contractors managing smaller work sites.

- Street address of the site is to be posted and **clearly visible at all times** for all emergency response personnel including police, fire and ambulance. Address numbers should be affixed in a visible location at a level of about 2 m from the ground or taped to the inside of a front facing window.
- Smoking shall not be permitted in areas where conditions are hazardous or potential of ignition exists.
- Fire Department access is to be maintained at **all** times from start to completion of construction. Blocking or obstruction of access roads or hydrants with construction materials, equipment or excavation materials is not permitted.
- Construction heaters shall be connected so as to minimize danger of mechanical damage and upset and be installed on a solid level base. Temporary heaters must be placed at least 5 m from combustible tarpaulins or similar coverings. Tarpaulins must be securely fastened to prevent wind from blowing where they could upset the heater or be set on fire. Piping, tubing, hose and fittings shall be supported, secured and protected from damage and strain. Propane regulators shall be properly fastened within the protective cover.
- Outdoor refuse containers shall be kept at least 3 m from a combustible building and any building overhang or opening. Combustible waste materials in and around buildings shall not be permitted to accumulate in quantities or locations that will constitute a fire hazard. Burning of waste material at construction sites is **not permitted**.
- Hot works shall be performed only by personnel trained in the safe use of hot work equipment. A fire watch shall be provided for a period of not less than 60 minutes after its completion. At least one 4-A:40-B:C portable extinguisher and a pail of water shall be provided in the hot work area.

Protection of Adjacent Properties During Construction

Row Housing and Semi Detached Homes

To meet the requirements of the Alberta Fire Code (2014), Sentence 5.6.1.2.(1), protection of adjacent properties during construction must be considered. The options listed are based on the assumption that the site supervisor has implemented fire prevention initiatives to reduce the risk of fire. A Fire Safety Codes Officer may visit the construction site to evaluate the method of protection of adjacent properties.

Acceptable methods of protection may be achieved by application of the following measures:

1. Install fire resistant sheathing or sheathing treated with a factory applied fire resistant coating on the exterior surface of all side yard walls and gables located less than 20 m from adjacent buildings. The minimum sheathing criteria are as follows;
 - The treated sheathing must be listed, or the manufacturer must have the authority to mark indicating that the material complies with CAN/ULCS102 (Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies) having a flame spread rating of < 25. Confirmation of listing or authority to mark is required. Listed or authority to mark means the mark of a third-party certified body accredited by the Standards Council of Canada
 - The sheathing must also have a fire resistance rating, minimum of 15 minutes tested to a CAN/ULC S101(Standard Methods of Fire Endurance Tests of Building Construction and Materials) standard. The Pilot Scale test (6ft. 0in. x 4ft. 0in. sample) is acceptable for meeting this requirement. The Pilot Scale test shall also have an ongoing follow up program to ensure continued consistency with the test sample. The Authority Having Jurisdiction recognizes the Pilot Scale test will not qualify for the authorization to mark or listing as required with CAN/ULC-S102 (Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies) test.

AND

- 2a. Install fire resistant sheathing or sheathing that meets the criteria detailed in item #1, on the adjoining walls of row housing suites limiting the fire compartments to less than 350 m².

OR

- 2b. Restrict site access via perimeter fencing or other accepted security method.

All products or methods used to achieve the adjacent property protection must not contradict requirements of the Alberta Building Code (2014).

This information is being provided for the construction industry in an effort to reduce the risk of fire exposure to buildings adjacent to new construction. It is the sole responsibility of the owner or representatives of the owner to be aware of all regulations within the jurisdiction and to carry out or make provisions to adhere to the various codes and standards applicable to their project or business.

For further information, assistance or to arrange for a site visit, contact Fire Prevention at 780.449.9651

Protection of Adjacent Properties During Construction

Single Attached and Detached Homes

To meet the requirements of the Alberta Fire Code (2014), Sentence 5.6.1.2.(1), protection of adjacent properties during construction must be considered. The options listed are based on the assumption that the site supervisor has implemented fire prevention initiatives to reduce the risk of fire. A Fire Safety Codes Officer may visit the construction site to evaluate the method of protection of adjacent properties.

Acceptable methods of protection can be achieved by using one of the following methods:

1. Install sheathing with a factory applied fire resistant coating on the exterior surface of all side yard walls and gables located adjacent to properties that have potential of hosting a structure. The sheathing criteria are as follows;
 - The sheathing must be listed, or the manufacturer must have the authority to mark indicating that the material complies with CAN/ULC-S102 (Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies) having a flame spread rating of < 25. Confirmation of listing or authority to mark is required. (Listed or authority to mark means the mark of a third-party certified body accredited by the Standards Council of Canada)
 - The wall assembly with the sheathing must also have a fire resistance rating, minimum of 15 minutes tested to a CAN/ULC-S101 (Standard Methods of Fire Endurance Tests of Building Construction and Materials) standard. The Pilot Scale test (6ft. 0in. x 4ft. 0in. sample) is acceptable for meeting this requirement. The Pilot Scale test shall also have an ongoing follow up program to ensure continued consistency with the test sample. The Authority Having Jurisdiction recognizes the Pilot Scale test will not qualify for the authorization to mark or listing as required with CAN/ULC-S102 (Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies) test.

OR

2. Install fire resistant panels/sheathing that meet the CAN/ULC standards as above on all vertical surfaces adjacent to a side yard property line.

OR

3. For redevelopment or infill projects where a building is removed and replaced by a new structure the fire resistant treatment shall face inside the building or be inherently fire resistant as indicated in item #2.

All products or methods used to achieve the adjacent property protection must not contradict requirements of the Alberta Building Code (2014).

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