



PROTECTION OF ADJACENT PROPERTIES REQUIRED DURING CONSTRUCTION SINGLE ATTACHED AND DETACHED HOMES— ALBERTA FIRE CODE 2019

To meet the requirements of the Alberta Fire Code 2019, Sentence 5.6.1.2.(1), protection of adjacent properties during construction must be considered. The options listed below 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 sheathing with a factory applied fire resistant coating on the exterior surface of all side yard walls and gables located less than 20 m from a building or adjacent properties that have potential of hosting a structure. The sheathing criteria are as follows;
 - a. 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)
 - b. 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/ULCS102 (Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies) test.
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

1. 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.

Note; All products or methods used to achieve the adjacent property protection must not contradict requirements of the National Building Code - 2019 Alberta Edition.

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



Adjacent Property Protection Guidelines



Single Attached & Detached Homes

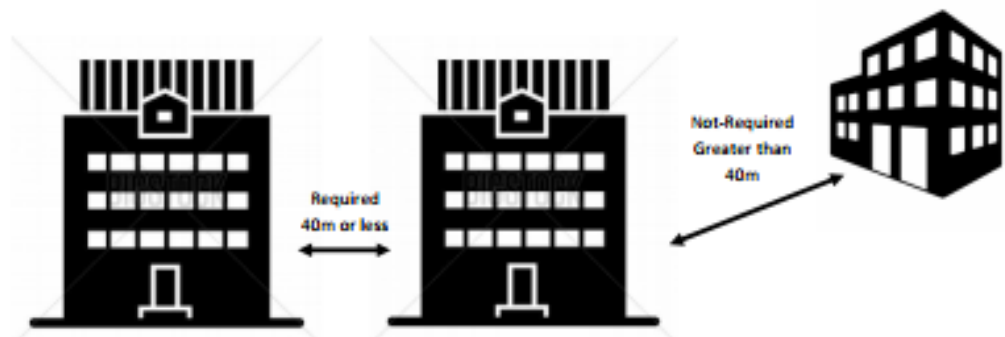
Always require Adjacent Property Protection on all walls and gables that face another structure or potential future structure even if that wall is a jut in from the main exterior wall, APP is required, see diagram above.

The only time Adjacent Property Protection is not required is if there is a street or green space on that side of the structure



Row Housing & Semi-Detached Homes

Always require Adjacent Property Protection if any structure or potential future structure is within 20 meters
This includes any walls or gables on the side of the structure that are within the 20 meter distance of another structure



Structures less than 4 stories

Always require Adjacent Property Protection if any other structure or potential future structure is within 40 meters
This includes any walls or gables on the side of the structure that are within the 40 meter distance of another structure



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ADJACENT PROPERTY PROTECTION FLOW CHART

Type of Structure	Adjacent Property Protection		
	Minimum Distance to another Structure or POTENTIAL Structure	Required	Sides Requiring Protection
Single Family	No Minimum Distance *Always Required		Side(s) Adjacent to Structure(s)
Duplex Style	No Minimum Distance *Always Required		Side(s) Adjacent to Structure(s)
Row / Town Housing	20 meters	Yes	All Sides
3 Stories or Less	40 meters	Yes	All Sides
4 Stories and More	Refer to NFPA 80a	Yes	All Sides

***Note:**

If a Single Family or Duplex Style structure is located beside a street or green space, then Adjacent Property Protection is not required on the side facing said street or green space.