

# **MUNICIPAL PERMIT HANDOUT**

2007/11/07

The following items form part of the permit approval process and should be made available for the *authority having jurisdiction* (Fire Department – Fire Safety Codes Officer) for examination. These requirements will apply to buildings, parts of buildings, and associated areas undergoing construction or demolition operations including renovations according to Alberta Fire Code 2006, Division B, Section 5.6.

Alberta Fire Code 2006, Division C, Section 2.2.1.1 (1) Unless otherwise specified, the *owner* or the *owner's* authorized agent shall be responsible for carrying out the provisions of this Code.

A Contractor, as a representative of the owner, is responsible for the Fire Safety Plan as per Alberta Fire Code 2006, Division B, Section 5.6.

## **CONSTRUCTION, DEMOLITION & RENOVATION SITES**

1. FIRE DEPARTMENT ACCESS IS TO BE MAINTAINED AT ALL TIMES FROM START OF EXCAVATION
  2. HYDRANTS (or Equivalent water supply as approved by the AHJ) ARE TO BE IN PLACE PRIOR TO ANY ABOVE GRADE CONSTRUCTION.
  3. AN ALL-WEATHER ACCESS ROAD IS TO BE INSTALLED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS AT ALL TIMES OF THE YEAR UNDER ALL WEATHER CONDITIONS.
  4. HYDRANTS ARE TO BE INSTALLED, TESTED, OPERATIONAL AND ACCESSIBLE PRIOR TO ABOVE GRADE CONSTRUCTION
  5. BLOCKING OR OBSTRUCTION OF ACCESS ROADS OR HYDRANTS WITH CONSTRUCTION MATERIALS, EQUIPMENT OR EXCAVATION MATERIAL IS NOT PERMITTED.
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Streets, yards and roadways provided for fire department access shall be maintained so as to be ready for use at all times in all weather by fire department vehicles. The access route is to meet the design as outlined in Alberta Building Code 2006 Division B, Section 3.2.5.6.

- minimum 6m clear access width
- minimum 12m centerline turning radius at corners and turnarounds
- minimum 5m overhead clearance (building entrance canopies)
- maximum gradient slope of 1 in 12.5 over a minimum distance of 15m
- designed to support the expected loads imposed by firefighting equipment
- have turnaround facilities for any dead-end portions of the access route more than 90m, longer than 120m to have emergency access, longer than 200m to be connected with a public thoroughfare.

Any storage of combustible construction materials is to provide separation and access, and not be piled beneath power lines.

Hot Works operations to be maintained and situated as described in Alberta Fire Code 2006, Division B, Section 5.2. c/w a Fire Safety Plan as outlined in 5.1.5.1.

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Compressed gas cylinders are to be used and stored as per Alberta Fire Code 2006, Division B, Section 3.3.5. and c/w fire safety plan as per 5.2.3.7. & fire watch as per 5.2.3.3.

Disposal of combustible refuse is to be monitored on a daily/ weekly basis to minimize the fire load and ensure access for firefighting equipment and people..

Temporary heating equipment is to provide separation and protection to the propane cylinders, lines and valves from construction vehicles and combustible storage as per Alberta Fire Code 2006, Division B, Section 3.3.5. and CAN/CGA-B149.2-M95 – National Standard of Canada – Propane Installation Code

A Fire Safety Plan shall be prepared in cooperation with the Local Fire Department and made available for examination by the *authority having jurisdiction* (Fire Department – Fire Safety Codes Officer) as per AFC - 2.8.2.1.(1)

- The Fire Safety Plan shall be prepared prior to construction or demolition and conforming to the requirements of the Alberta Fire Code 2006, Division B, Section 2.8.
- If the life safety systems (fire alarm, sprinkler systems, fire pumps, emergency power supply) are to be compromised during construction, what alternative measures are going to be in place (full time security, fire watch) Alberta Fire Code 2006, Division B, Part 6, 6.1.1.4.
- Access to outside connections such as standpipes, sprinklers, (siamese connections) or other fire extinguishing equipment, whether permanent or temporary, shall be provided and maintained at all times.

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.

### References

ABC – Alberta Building Code 2006,  
AFC – Alberta Fire Code 2006,

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