Fire Access Plan

DP Submission Requirements

What is a Fire Access Plan?

A Fire Access Plan (FAP) is a simple site plan identifying emergency access requirements, and fire protection measures for site development. A FAP shall be submitted with ALL Development Permit applications. Submit the FAP on a separate page (11”x17” or larger) with the submission package.

Why is a Fire Access Plan required?

Edmonton Fire Rescue Services (EFRS) reviews applications for access (i.e. roads) and utilities (i.e. water). A complete FAP contains all required information for review, and submission of a complete FAP ensures an efficient review by EFRS.

What needs to be shown?

**BUILDING**

- Basic information including building size (in square meters), number of storeys, Alberta Building Code classification, and identify whether or not the building is sprinklered or has a fire alarm system. Clearly identify building’s principal entrance.

**EMERGENCY ACCESS ROUTE**

- Identify the emergency access route from public thoroughfare to each building on site. Dimensions to be specified include the width and turning radii along the length of the access route. Additionally, specify the travel distance from public thoroughfare to the building; emergency access routes in excess of 90m require turnaround facilities, and access routes longer than 120m require a secondary access. (Reference: Alberta Building Code 3.2.5.4, 3.2.5.5, and 3.2.5.6)

**FIRE HYDRANTS**

- Identify all fire hydrants in proximity to the development, including nearest municipal/private hydrants. Provide distance from nearest hydrant to each building’s principal entrance (non-sprinklered building) or to the building’s fire department connection (sprinklered building). (Reference: Alberta Building Code 3.2.5.15)

Note: If there are no municipal hydrants in proximity to the development, provide the details for on-site provisions for firefighting water. (Reference: Alberta Fire Code 5.6.1.4 and STANDATA FCI-09-01)

**High Buildings**

- If required, ensure provisions are made for the central alarm and control facility room. (Reference: Alberta Building Code 3.2.6)

FAP Quick Checklist

- **Building Size** (m²); # of storeys
- **Principal Entrance**
- **Sprinklered?**
  - Yes ➔ locate FDC
- **Fire Alarm?**
  - Yes ➔ locate Fire Alarm panel
- **Access route**
  - Width and centerline turning radii
  - Length (from public thoroughfare to building)
  - Turnaround facility (if length >90m) or secondary access (if length >120m)
  - Swept-path analysis for complex movements
- **Fire Hydrants**
  - Travel distance from hydrant to principal entrance (non-sprinklered building) or FDC (sprinklered building)
- **NO HYDRANTS** ➔ detail on-site provisions for firefighting water
- **High buildings** ➔ identify central alarm and control facility room

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