



FIRE RESCUE SERVICES

Fire Rescue Services

Fire Prevention

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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)



Updated: June 2017

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