WHAT IS A FIRE ACCESS PLAN?
A Fire Access Plan is a simple site plan identifying emergency access requirements and fire protection measures for site development. A Fire Access Plan shall be submitted with all Development Permit applications.

WHY IS A FIRE ACCESS PLAN REQUIRED?
Edmonton Fire Rescue Services' 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 Fire Access Plan ensures an efficient review by Fire Rescue Services.

WHAT NEEDS TO BE SHOWN IN THE FIRE ACCESS PLAN?

- **BUILDING** - Basic information including building size (in square metres), number of storeys, National Building Code - Alberta Edition classification, as well as whether or not the building has a sprinkler or fire alarm system. Clearly identify the 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: National Building Code - Alberta Edition 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 the nearest municipal/private hydrants. Provide the distance from the nearest hydrant to each building’s principal entrance (non-sprinklered building) or to the building’s fire department connection (sprinklered building). (Reference: National Building Code - Alberta Edition 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: National Fire Code - Alberta Edition 5.6.3.5 Water Supply)

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

FIRE ACCESS PLAN QUICK CHECKLIST

- **Building Size** (m²); number of storeys
- **Principal Entrance**
- **Sprinklered**? If yes, locate the Fire Department Connection (FDC)
- **Fire Alarm**? If yes, locate the Fire Alarm panel
- **Access Route**
  - Width and centerline turning radii
  - Length (from public thoroughfare to building)
  - Turnaround facility (if length is greater than 90m) or a secondary access (if length is greater than 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