



# Windsor Charter Township Emergency Services

300 W. Jefferson St.  
Dimondale, MI 48821  
Phone: 517-646-0893

## Information to be Included on Plan

### **Fire Department Access Road**

**Required Access:** Approved fire department access roads shall be provided for every facility, building, or portion of a building hereafter constructed or relocated. This includes change in Occupancy.

Fire department access roads shall consist of roadways, fire lanes, parking lot lanes, or a combination thereof.

*When fire department access roads cannot be installed due to location on property, topography, waterways, nonnegotiable grades, or other similar conditions, the AHJ shall be authorized to require additional fire protection features.*

**Dimensions:** Fire department access roads shall have an unobstructed width of not less than 20 feet (6.1 m).

Fire department access roads shall have an unobstructed vertical clearance of not less than 13 feet 6 inches. (4.1 m). Vertical clearance shall be permitted to be reduced, provided such reduction does not impair access by fire apparatus, and approved signs are installed and maintained indicating the established vertical clearance when approved. Vertical clearances or widths shall be increased when vertical clearances or widths are not adequate to accommodate fire apparatus.

**Surface:** Fire department access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with an all-weather driving surface. The access lane is to be made of the same paved material as the parking lot and able to be maintained clear 365 days a year.

**Turning Radius:** The turning radius of a fire department access road shall be as approved by the AHJ.

**Distance from Building:** The distance from the building to the road shall be listed on the site plan.

**Entrance Driveway:** The width of the entrance driveway at all security fence gates is to be included.

**Gate Openings:** The width of security fence gates is to be included.

**Access:** The fire department access road must provide 360-degree access to the building within the security fence

## **Fire Hydrants**

The distance from the fire department access road to the fire hydrants shall not be more than 12 feet.

At a minimum, there should be 2 fire hydrants in fenced in area, depending on the size of the building. Located opposite corners of the lot.

*Fire Code*, section 13.5.2 Where no adequate and reliable water supply exists for fire-fighting purposes, the requirements of NFPA 1142, *Standard on Water Supplies for Suburban and Rural Fire Fighting*, shall apply.

## **Building**

**Dimensions:** The length, width, and height of the building and all floors must be included. The square footage is to be listed.

**Entry Doors:** There should be a minimum of 1 door per each side of the building. The purpose is to provide the quickest and shortest access to an incident.

**Fire Department Connection (FDC):** The location identified, would prefer it be located near the loading dock, if possible. This will assist with response consistency.

**Sprinkler System Room:** Location identified. If not in the area of the FDC, need an exterior door access.

The Township requires all marijuana related businesses to be fully suppressed building.

**Post Indicator Valve (PIV):** Location identified.

**Clear Space:** The PIV, FDC, and fire hydrants must have 3 feet clear space around them and indicated on the site plans.

**Knox Box:** The location should be on the outside of the security fence at the main entrance gate. It must be secured in a brick enclosure and alarmed for security reasons. This will be used to provide access to the Emergency Services Department to the grounds and facility/building.

## **Plan Markings**

**Legend:** The plans must contain a legend identifying the symbols used on the plan.

**Date:** The plans must contain the date and time

**Revision Indication:** If more than one revision is completed, must contain the revision number.

Please feel free to contact the Assistant Chief if you need any clarification on any of the above information.

The contact number is 517-646-0893 or email address is: [assistantchief@windsortownship.com](mailto:assistantchief@windsortownship.com)