



Driveway & Site Plan Review Steps

1. Submit digital (.PDF) plans via email to inspections@saugatuckfire.org for review.
2. Plans will be reviewed in the order received utilizing the International Fire Code. This can take up to 3-4 weeks to complete depending on volume of plans received.
3. Written review will be provided via email upon completion.
4. Plan review invoice may be sent to plan submitter. Invoice will follow current fee structure.
5. Driveways, Access Roads, and Turnarounds shall be installed prior to commencement of vertical building construction or lumber being delivered to the site.
6. Saugatuck Township Fire District will physically test fire apparatus on the road and turnaround prior to issuing final approval to Saugatuck Township for building permit issuance.

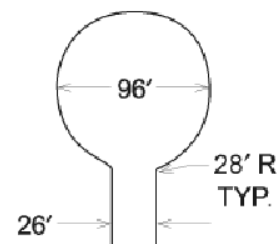
Site Plan & Driveway Requirements

This is a summary checklist to ensure compliance for Driveways and Access Road codes. The entire International Fire Code 2015 edition may be referenced if applicable.

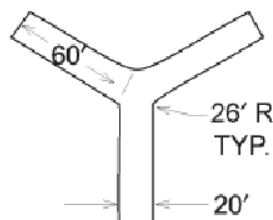
1. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm), exclusive of shoulders, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm). (503.2.1)
 - a. This may be reduced to 16 feet unobstructed minimum width when the driveway serves one (1) single family dwelling upon approval from the Fire Code Official.
2. Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus weighing at least 80,000 pounds. and shall be surfaced so as to provide all-weather driving capabilities. (503.2.3) *(This may be pavement, concrete, gravel, crushed concrete. Most areas have needed 4-6" of gravel to achieve this 80,000lb requirement.)*
3. The required turning radius of a fire apparatus access road shall be 28* Radius. (503.2.4)
4. Dead-end access roads and driveways in excess of 150 feet (45 720 mm) in length shall be provided with an approved area for turning around fire apparatus. (503.2.5)
5. Where a bridge or an elevated surface is part of a fire apparatus access road, the bridge shall be constructed and maintained in accordance with AASHTO HB-17. Bridges and elevated surfaces shall be designed for a live load sufficient to carry the imposed loads of fire apparatus. Vehicle load limits shall be posted at both entrances to bridges. (503.2.6)
6. Driveways & fire apparatus access road shall not exceed 10% grade. (503.2.7)
7. Turnarounds shall be marked with permanent NO PARKING—FIRE LANE signs. Signs shall have a minimum dimension of 12 inches (305 mm) wide by 18 inches (457 mm) high and have red letters on a white reflective background. (503.3) (D103.6)
 - a. Single family dwelling(s) are exempt from “No Parking Fire Lane” Signs

8. Fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles, ice, or snow accumulation. The minimum widths and clearances established in Section 503.2.1 shall be maintained at all times. (503.4)
9. The installation of security gates across a fire apparatus access road shall be approved by the fire chief. Where security gates are installed, they shall have an approved means of emergency operation. The security gates and the emergency operation shall be maintained operational at all times. Electric gate operators, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F 2200. Knox key switches are available at www.knoxbox.com (503.6)
10. New and existing buildings shall have approved address numbers placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background & be a minimum 4" letters & numbers. *Green 911 Reflective Address Signs installed at the road fronting the property are preferred, provided, & installed free of charge via <https://www.saugatuckfire.org/address-sign-order-form.html>* (505.1)
11. An *approved* water supply capable of supplying the required fire flow for fire protection shall be provided to premises upon which facilities, buildings, or portions of buildings are hereafter constructed or moved into or within the jurisdiction. (507.1) *Please contact the Fire District to determine applicability of this requirement to your project.*

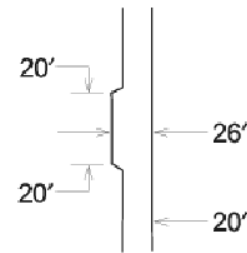
Minimum Specifications for Turnarounds (D103.1)



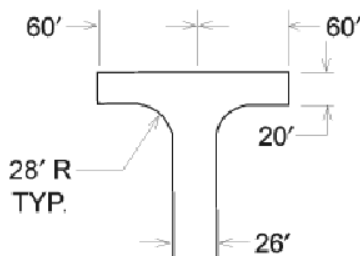
96-FOOT DIAMETER
CUL-DE-SAC



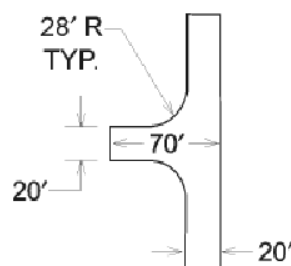
60-FOOT "Y"



MINIMUM CLEARANCE
AROUND A FIRE
HYDRANT



120-FOOT HAMMERHEAD



ACCEPTABLE ALTERNATIVE
TO 120-FOOT HAMMERHEAD