

GRAND CHUTE FIRE DEPARTMENT
Fire Prevention Division

BUILDERS AND DEVELOPERS GUIDE



*2250 Grand Chute Boulevard
Grand Chute, Wisconsin 54913
(920) 832-6050*

“Protecting the lives, property, and environment for the community we serve through efficient, effective emergency response activities and proactive risk reduction services.”

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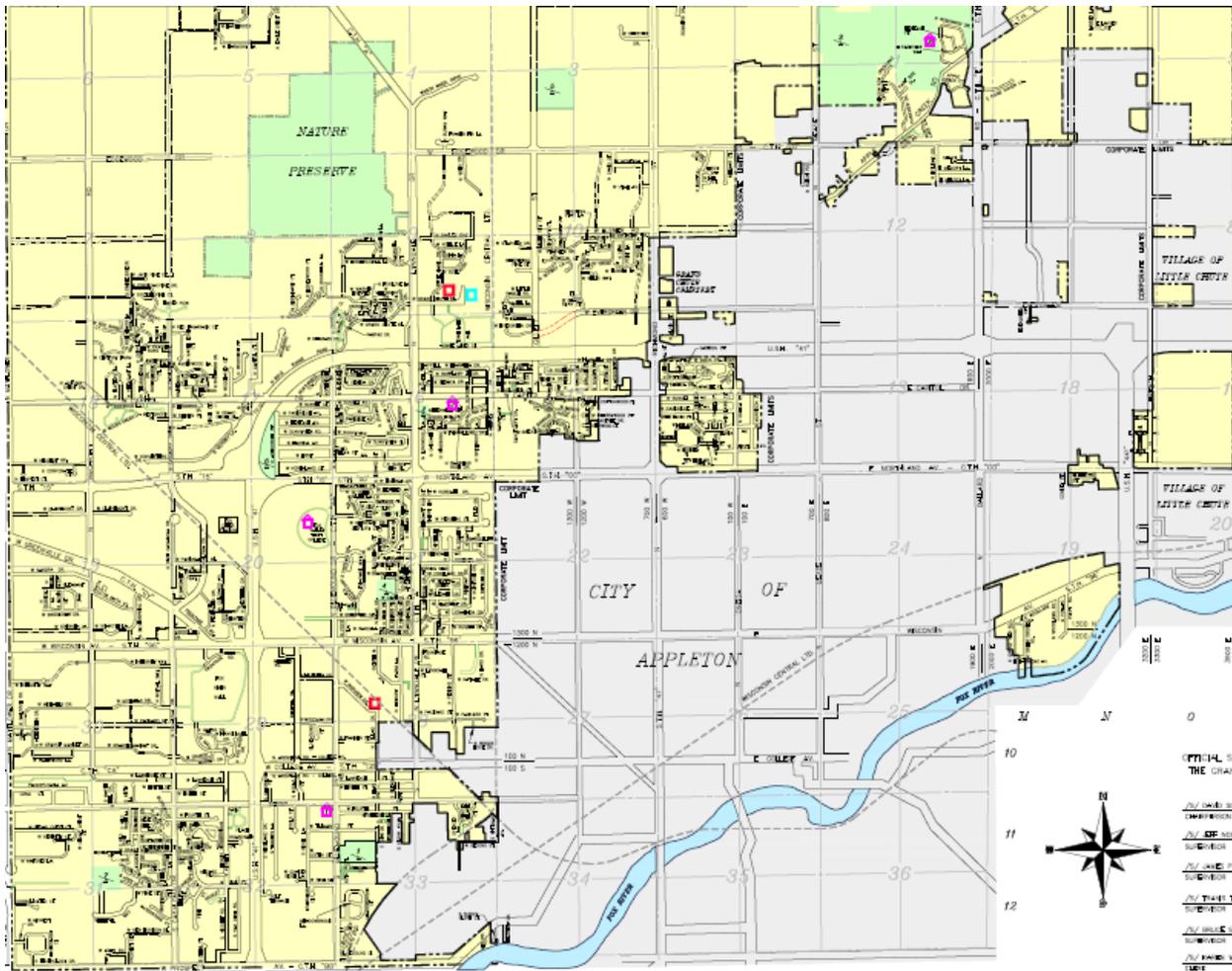


General Information

The Grand Chute Fire Department serves a population of 21,909 residents occupying a twenty-three square mile area. In addition to a diverse distribution of single and multi-family dwellings, business, and industry Grand Chute is home to the Fox River Mall and retail corridor (the second largest shopping mall in the state), as well as the Fox Valley Technical College bringing the estimated daytime population to approximately 70,000. This robust response area is served by two stations staffed 24 hours a day by a total combination of 60 career, part-time, and paid-on-call fire personnel answering over 2,100 emergency calls for service in 2015.

Town of Grand Chute Boundaries

The portion of the map shaded in yellow represents geographical areas which are incorporated into the Town of Grand Chute. This link will direct you to the [GIS Department](#) which provides additional maps.



Fire Department Contact Information

For further information regarding the Grand Chute Fire Department, please contact Fire Station #1 at (920) 832-6050 during our office hours of 7:30 AM to 4:00 PM Monday thru Friday, or visit our website at <http://www.grandchute.net/departments/fire/>. Additional questions may be directed to any member of the Fire Department Command Staff at the telephone number listed above, or the following email addresses:

Tim Bantes
Fire Chief
timothy.bantes@grandchute.net

Mike DeBruler
Assistant Chief of Training and Safety
michael.debruler@grandchute.net

Dick Trilling
Assistant Chief of Operations
richard.trilling@grandchute.net

Matt Kasriel
Division Chief of Fire Prevention
matthew.kasriel@grandchute.net

Community Development Contact Information

The Grand Chute Community Development Department is responsible for the issuance of building permits and the associated building and construction inspections. Information pertaining to building permits and inspections may be found at <http://www.grandchute.net/departments/community-development/>, or by contacting the Chief Building Inspector Cary Nate at (920) 832-1599 or cary.nate@grandchute.net.

Adopted Fire Code

The 2009 International Fire Code (IFC) is the currently adopted fire code for the Town of Grand Chute with the following exceptions:

- Sections 105 and 108 of Chapter 1
- Chapter 34
- Section 307 of Chapter 3
- Section 603.8 of Chapter 6

Additionally, the NFPA codes and standards in Chapter #47 of the IFC are adopted by reference. Full-text of the Fire Prevention section of the Grand Chute Municipal Code can be found at the following link: <http://ecode360.com/12281747>.

Full-text of the 2009 International Fire Code can be found at: <http://publicecodes.cyberregs.com/icod/ifc/2009/>.

Fee Schedule

The most current copy of the Town of Grand Chute Fee Schedule can be found at: <http://www.grandchute.net/i/f/files/Clerk/2016%20MASTER%20Fee%20Schedule.pdf>.



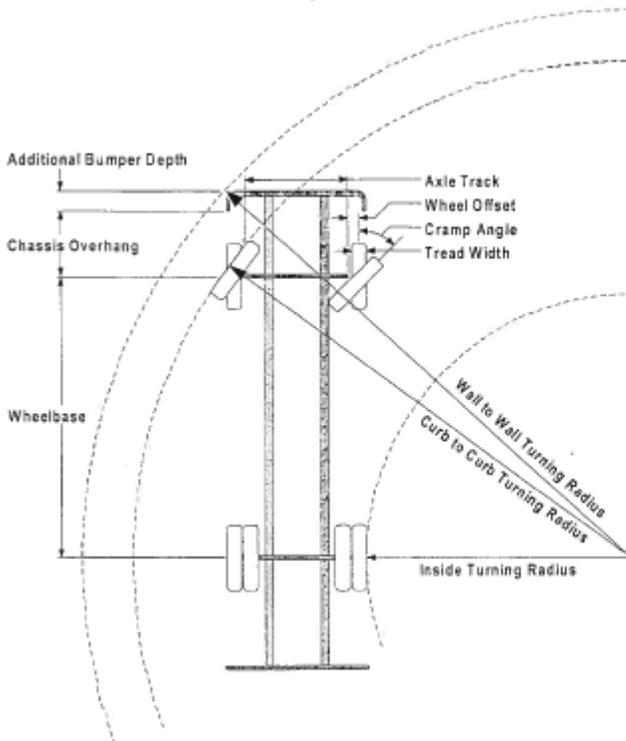
Private Hydrants

Private hydrants shall be of an approved dry-barrel type having two 2-1/2 inch outlets and one 4-1/2 inch outlet. The hydrants shall be red in color, and all outlet threads shall be of the National Standard Threads (NST) type. Hydrant spacing shall be in accordance with Appendix C of the 2009 International Fire Code (IFC) adopted by the Town of Grand Chute. The following table represents common requirements, however the full code shall be referenced in determining hydrant spacing:

FIRE-FLOW REQUIREMENT (GPM)	MINIMUM NUMBER OF HYDRANTS	AVERAGE SPACING BETWEEN HYDRANTS (Feet)	MAXIMUM DISTANCE FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT
1,750 or less	1	500	250
2,000-2,250	2	450	225
2,500	3	450	225
3,000	3	400	225
3,500-4,000	4	350	210
4,500-5,000	5	300	180
5,500	6	300	180
6,000	6	250	150
6,500-7,000	7	250	150
7,500 or more	8 or more	200	120

Fire Apparatus Access Roads

Fire apparatus access roads shall be designed in accordance with Appendix D of the 2009 International Fire Code (IFC) adopted by the Town of Grand Chute. Fire apparatus access roads shall be designed to accommodate the following dimensions based on a 105' aerial ladder truck.



Parameters:

Inside Cramp Angle:	45.00 °
Axle Track:	82.92 in.
Wheel Offset:	5.25 in.
Tread Width:	17.70 in.
Chassis Overhang:	65.99 in.
Additional Bumper Depth:	10.00 in.
Wheelbase:	249.00 in.

Calculated Turning Radii:

Inside Turn:	19 ft. 7 in.
Curb to Curb:	35 ft. 9 in.
Wall to Wall:	39 ft. 7 in.

Comments:

Aerial Application
This report is for Job 15134



Fire Suppression and Alarm System Plan Review

Plans for fire suppression and fire alarm systems must be submitted to the State of Wisconsin Department of Safety and Professional Services for approval. Information pertaining to the State Plan Review process can be found at <http://dsps.wi.gov/Plan-Review>, as well as the following link specific to fire protection systems forms:

<http://dsps.wi.gov/Default.aspx?Page=a4f9c983-6313-443d-aa60-9a6d180d49e0>

Fire Protection Systems Acceptance Testing

In accordance with Section [291-4\(E\)](#) of the Grand Chute Municipal Code, any work done to the following types of fire protection systems which require State of Wisconsin Approved Plans shall be subject to an acceptance test to be witnessed and approved by the Fire Code Official prior to occupying any portion of the building or structure:

- Sprinkler System
- Standpipe System
- Foam System
- Wet Chemical System
- Fire Pump
- Smoke Control System
- Dry Chemical System
- Fire Alarm and Communication System
- Private Water System (Hydrants)

An application for acceptance testing as well as submission instructions and fees can be found at:

http://www.grandchute.net/i/pu/acceptance_test_application_packet.pdf.

Fire Department Compliance Inspections (Pre-Occupancy)

In accordance with Section [291-4\(F\)](#) of the Grand Chute Municipal Code, no person shall occupy a building or structure covered under Ch. SPS 350-365, Wis. Adm. Code, the Wisconsin Commercial Building Code, or the locally adopted IFC used for public assembly, industrial, institutional, multifamily, office, or mercantile purposes until such building has applied for a permit and has been inspected by the fire department if any of the following conditions exist:

- New Building
- New Business Occupies Building
- Change of Use
- Legal Name Change of Business
- New Owner of Business
- Addition, Renovation, or Remodel of Existing Building

A compliance inspection application as well as submission instructions and fees can be found at:

http://www.grandchute.net/i/pu/pre-occupancy_compliance_inspection_application_packet.pdf.

Tent and Membrane Structure Permits

In accordance with Section [291-7](#) of the Grand Chute Municipal Code, Tents and air-supported, air inflated or tensioned membrane structures having an area in excess of 200 square feet and canopies in excess of 400 square feet shall not be erected, operated or maintained without first obtaining a permit and inspection from the Fire Department.

A tent permit application as well as submission instructions and fees can be found at:

http://www.grandchute.net/i/pu/tent_permit_application.pdf.



Fireworks Permits

In accordance with Section [295-4](#) of the Grand Chute Municipal Code Special permission may be granted to persons, firms, or corporations for the purchase of fireworks and their use at a public gathering or special event, provided that an application is filed with the Town Clerk.

A Special Event Permit Application as well as submission instructions and fees can be found at: <http://www.grandchute.net/i/f/files/Clerk/Application%20for%20Special%20Event%20Permit.pdf>.

A Fireworks / Sale Permit Application can be found at: http://www.grandchute.net/i/pu/fireworks_permit_application.pdf.

Knox Boxes

In accordance with Section [291-9](#) of the Grand Chute Municipal Code, a key lock box system shall be installed to facilitate the rapid and non-destructive entry of fire department personnel to verify the existence of a fire or other emergency situation on the following types of buildings:

- Newly constructed commercial, industrial, and residential multifamily structures.
- Existing commercial or industrial structures protected by an automatic alarm system or automatic suppression system.
- Existing multi-family residential structures that have restricted access through locked doors and have a common corridor access to living units.
- Existing nursing care facilities.

Buildings owners and property managers can now purchase key box products and receive fire department approval for orders online at <http://www.knoxbox.com/>.

Once obtained, the key boxes shall be installed at or near the main entrance to the building, at a height of not less than four feet and not exceeding six feet. To have your building's keys secured in the box, to change keys, or for additional questions contact Division Chief Kasriel.

Testing of Manual Fire Alarm Systems

In accordance with Section [291-8](#) of the Grand Chute Municipal Code, multifamily dwellings, hotels, motels, and commercial businesses with automatic fire alarm systems shall have the alarm system tested at least once a month, and a record of the tests shall be kept on site at a location accessible to the inspection authority.

A copy of the Fire Alarm Test Record Form can be found at: http://www.grandchute.net/i/pu/fire_alarm_test_record.pdf.

