

Reference Map for Conservation Commission: Commerical Area Revitalization District, Combined Sewer System Area & Flood Zones

Accurate as of February 2013

Legend

- Council District
 - Combined Sewer System Area (see Note 1)
 - Combined Sewer System Area's 100ft buffer (see Note 1)
 - Commercial Area Revitalization District (see Note 2)
- FEMA Flood Zone Types - 2011**
- 0.2 PCT Annual Chance Flood Hazard
 - A
 - AE
 - AH
 - AO
 - X
 - Streams and Brooks
 - Rivers, Ponds, and Lakes
 - OS - C Conservation
 - Open Space - Parks (DPW&P)

Definitions of FEMA Flood Zone Designations

Flood zones are geographic areas that the FEMA has defined according to varying levels of flood risk. These zones are depicted on a community's Flood Insurance Rate Map (FIRM) or Flood Hazard Boundary Map. Each zone reflects the severity or type of flooding in the area.

Moderate to Low Risk Areas in communities that participate in the NFIP, flood insurance is available to all property owners and renters in these zones:

ZONE	DESCRIPTION
B and X (shaded)	Area of moderate flood hazard, usually the area between the limits of the 100-year and 500-year floods. Are also used to designate base floodplains of lesser hazards, such as areas protected by levees from 100-year flood, or shallow flooding areas with average depths of less than one foot or drainage areas less than 1 square mile.
C and X (unshaded)	Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.

High Risk Areas in communities that participate in the NFIP, mandatory flood insurance purchase requirements apply to all of these zones:

ZONE	DESCRIPTION
A	Areas with a 1% annual chance of flooding and a 28% chance of flooding over the life of a 30 year mortgage. Because detailed analyses are not performed for such areas, no depths or base flood elevations are shown within these zones.
AE	The base floodplain where base flood elevations are provided. AE Zones are now used on new format FIRMs instead of A1-A30 Zones.
A1-30	These are known as numbered A Zones (e.g., A7 or A14). This is the base floodplain where the FIRM shows a BFE (old format).
AH	Areas with a 1% annual chance of shallow flooding, usually in the form of a pond, with an average depth ranging from 1 to 3 feet. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Base flood elevations derived from detailed analyses are shown at selected intervals within these zones.
AO	River or stream flood hazard areas, and areas with a 1% or greater chance of shallow flooding each year, usually in the form of sheet flow, with an average depth ranging from 1 to 3 feet. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Average flood depths derived from detailed analyses are shown within these zones.
AR	Areas with a temporarily increased flood risk due to the building or restoration of a flood control system (such as a levee or a dam). Mandatory flood insurance purchase requirements will apply, but rates will not exceed the rates for unnumbered A zones if the structures are built or restored in compliance with Zone AR floodplain management regulations.
A99	Areas with a 1% annual chance of flooding that will be protected by a Federal flood control system where construction has reached specified legal requirements. No depths or base flood elevations are shown within these zones.

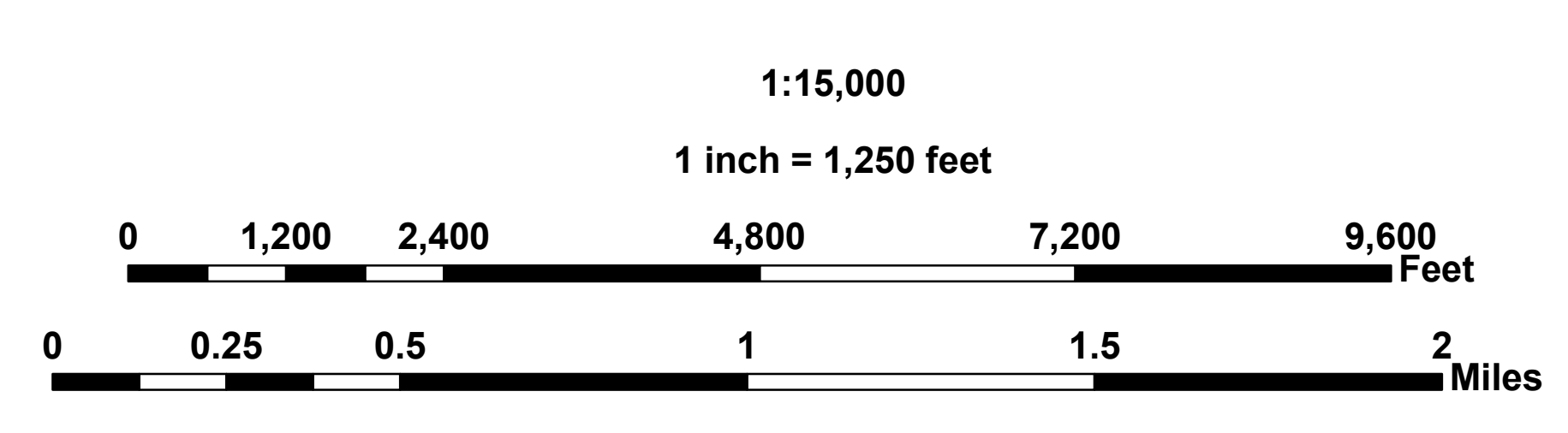
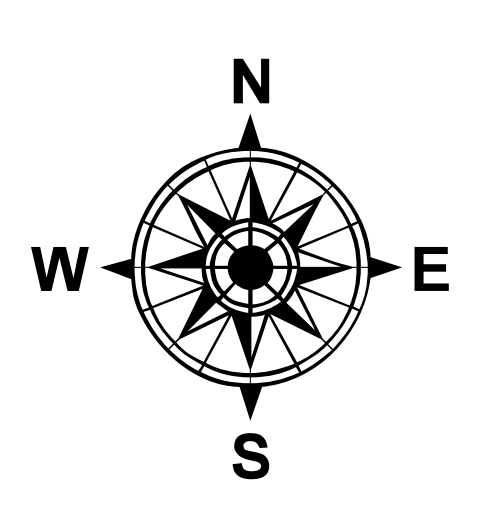
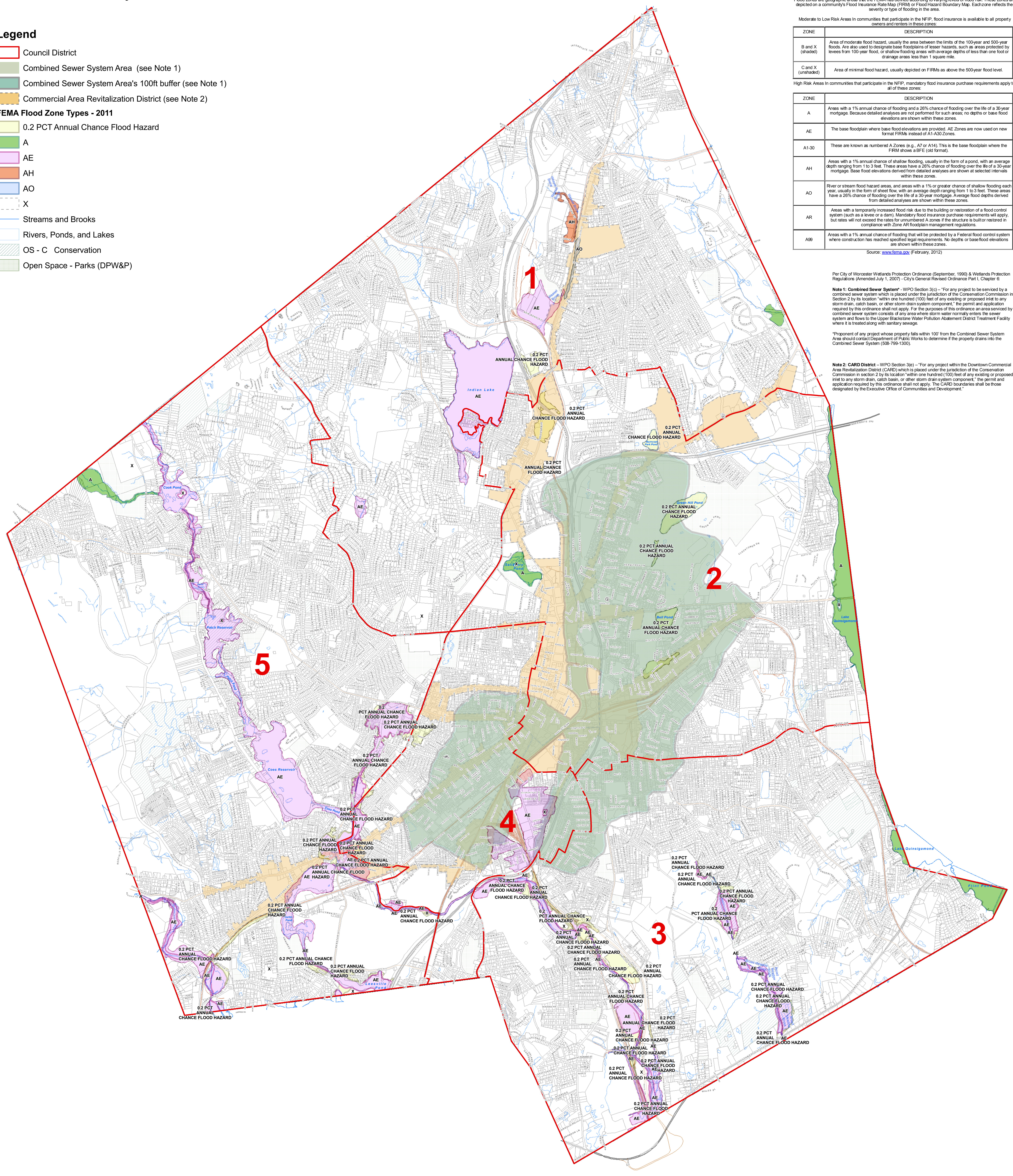
Source: www.fema.gov (February, 2012)

Per City of Worcester Wetlands Protection Ordinance (September, 1990) & Wetlands Protection Regulations (Amended July 1, 2007) - City's General Revised Ordinance Part 1, Chapter 6:

Note 1: Combined Sewer System - WPO Section 3(c) - "For any project to be serviced by a combined sewer system which is placed under the jurisdiction of the Conservation Commission in section 2 by its location within one hundred (100) feet of any existing or proposed inlet to any storm drain, catch basin, or other storm drain system component, the permit and application required by this ordinance shall not apply. For the purposes of this ordinance an area serviced by combined sewer system consists of any area where storm water normally enters the sewer system and flows to the Upper Blackstone Water Pollution Abatement District Treatment Facility where it is treated along with sanitary sewage."

*Proponent of any project whose property falls within 100' from the Combined Sewer System Area should contact Department of Public Works to determine if the property drains into the Combined Sewer System (508-799-1300).

Note 2: CARD District - WPO Section 3(e) - "For any project within the Downtown Commercial Area Revitalization District (CARD) which is placed under the jurisdiction of the Conservation Commission in section 2 by its location within one hundred (100) feet of any existing or proposed inlet to any storm drain, catch basin, or other storm drain system component, the permit and application required by this ordinance shall not apply. The CARD boundaries shall be those designated by the Executive Office of Communities and Development."



Produced by City of Worcester
Executive Office of Economic Development
Division of Planning and Regulatory Services

DATA SOURCES:
All data: City of Worcester Geographic Information System
Original Data - Digitized at 1:480 scale (Data true resolution: 1 inch = 40 feet)
Updated Using Spring 2003 Aerial Photography at 1:1,200 scale (1 inch = 100 feet)
Further Updates Using City of Worcester Information

COORDINATE SYSTEM:
All map data is in the Massachusetts State Plane Coordinate system,
North American Datum of 1983, Massachusetts Mainland Zone (4151).
Units are measured in Feet.

