

The City of Zanesville

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City of Zanesville Water Department

Paul Mills, Superintendent

CITY OF ZANESVILLE POTABLE WATER DISTRIBUTION SYSTEM

SERVICE NARRATIVE

Community Public Water System

The City of Zanesville potable water distribution system is comprised of several types of pipeline materials of various age. However, much of the distribution system is cast iron that has been in service for many decades. Some of these cast iron mains have been found to have leaded joints as well as lead service lines. Newer installations and/or replacements have utilized PVC or ductile iron mains with HDPE or copper service lines. These newer installations are lead free. See the attached Lead Service Location Map for detailed locations of water mains and services with possible/known lead materials.

Characteristics of Buildings

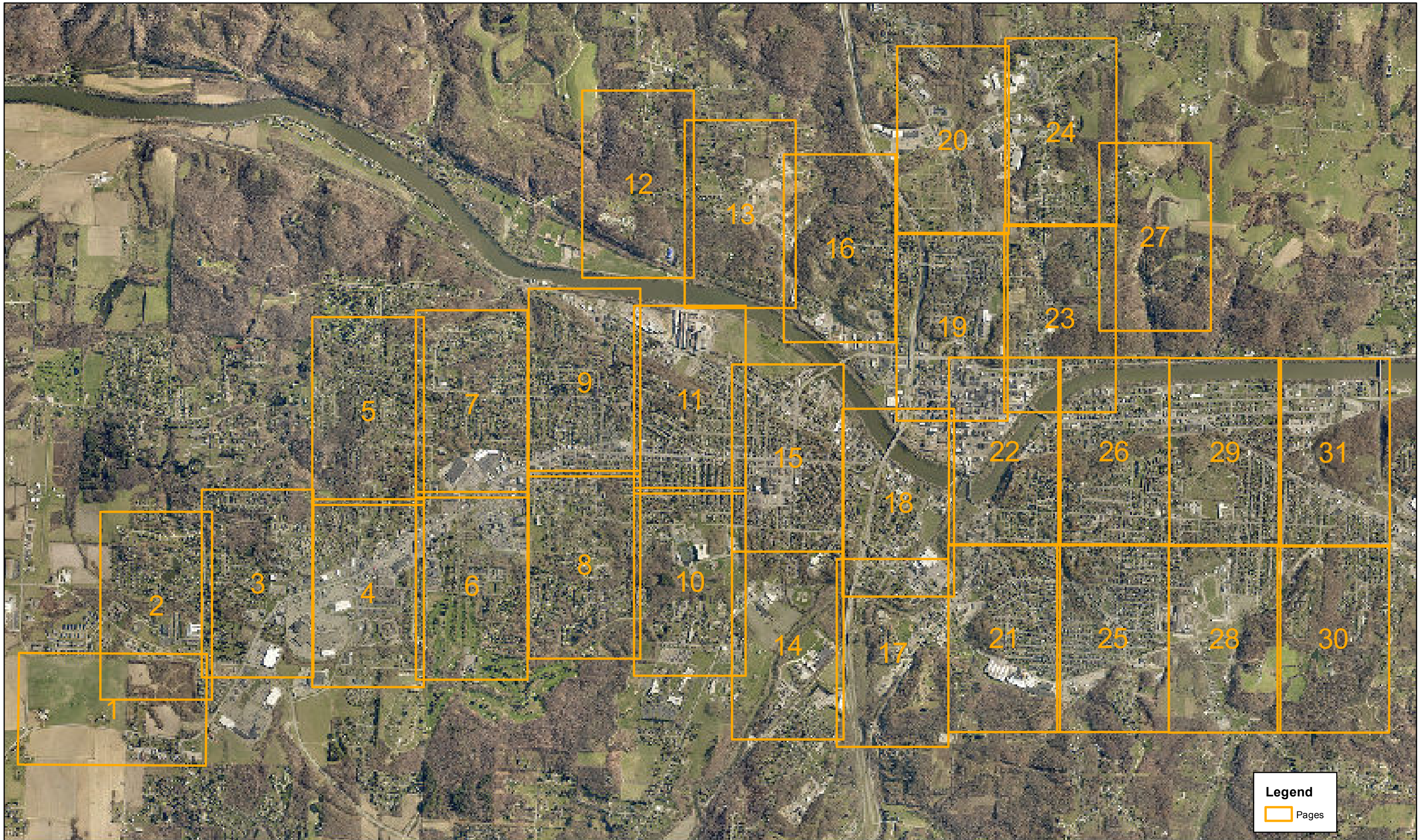
The City of Zanesville was founded in 1797 and has many older structures still occupied. These older homes and businesses could have possible lead sources in the private plumbing and fixtures. Buildings constructed prior to 1998 have a higher risk of lead piping, solder, or fixtures. To identify the locations of possible lead contamination, the Muskingum County GIS system has been utilized to identify any homes built before 1998. See the attached GIS map identifying areas of construction prior to 1998.

Prevention and Detection

To reduce the risk of lead contamination in the distribution system, the City of Zanesville feeds corrosion control chemicals at the water treatment plant. These additives coat the distribution system and reduce the risk of lead leaching into the system. The City has had no elevated lead or copper levels detected at any of their sampling locations. The sampling locations are indicated on the Lead Service Location Map.

City of Zanesville - Water System

Lead Aged Homes



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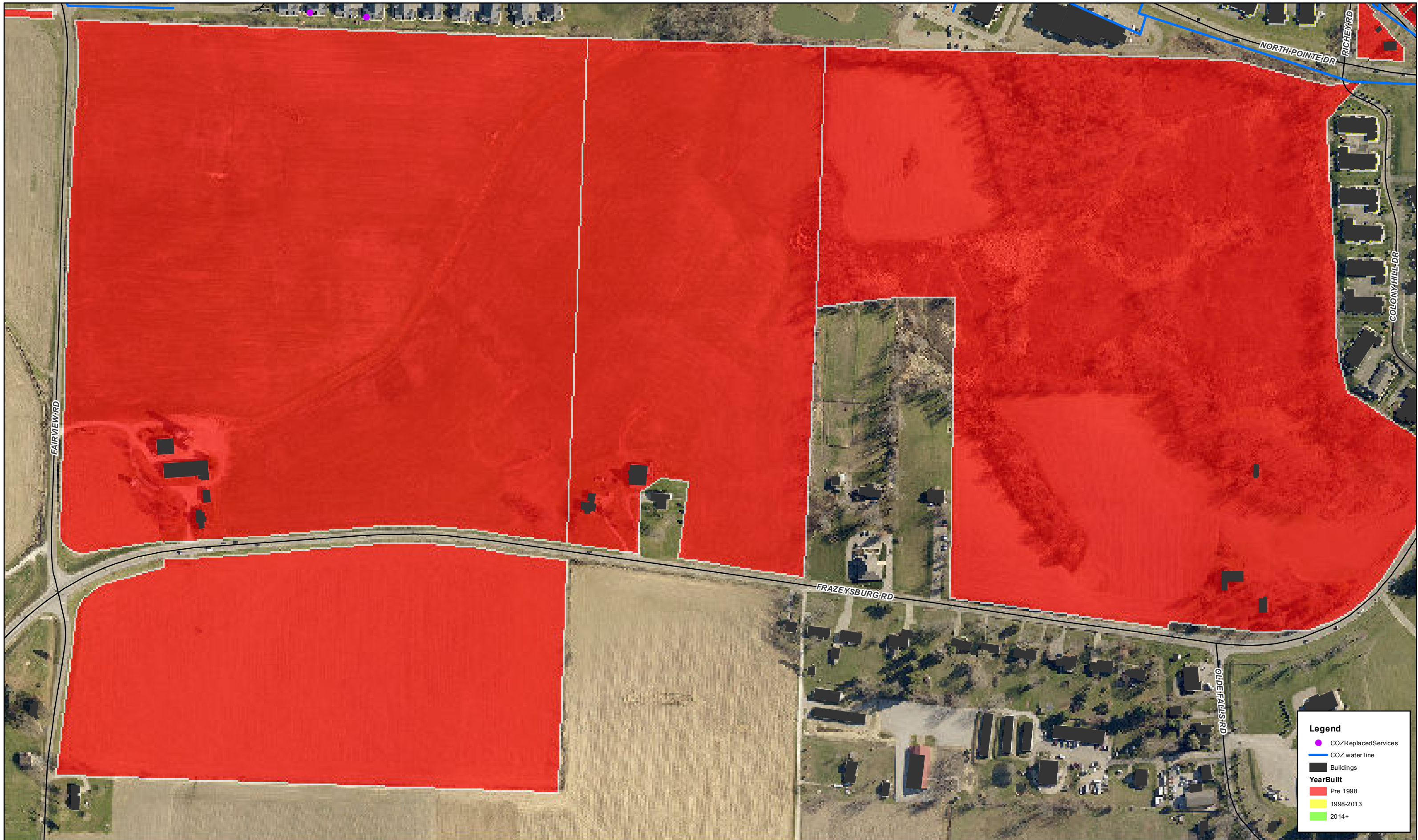


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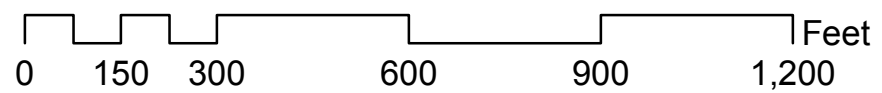
AER 1.25.2017

Muskingum County Auditor
Debra J. Nye
Geographic Information Systems Department
401 Main Street, Zanesville, Ohio 43701
Ph: 740.455.7195





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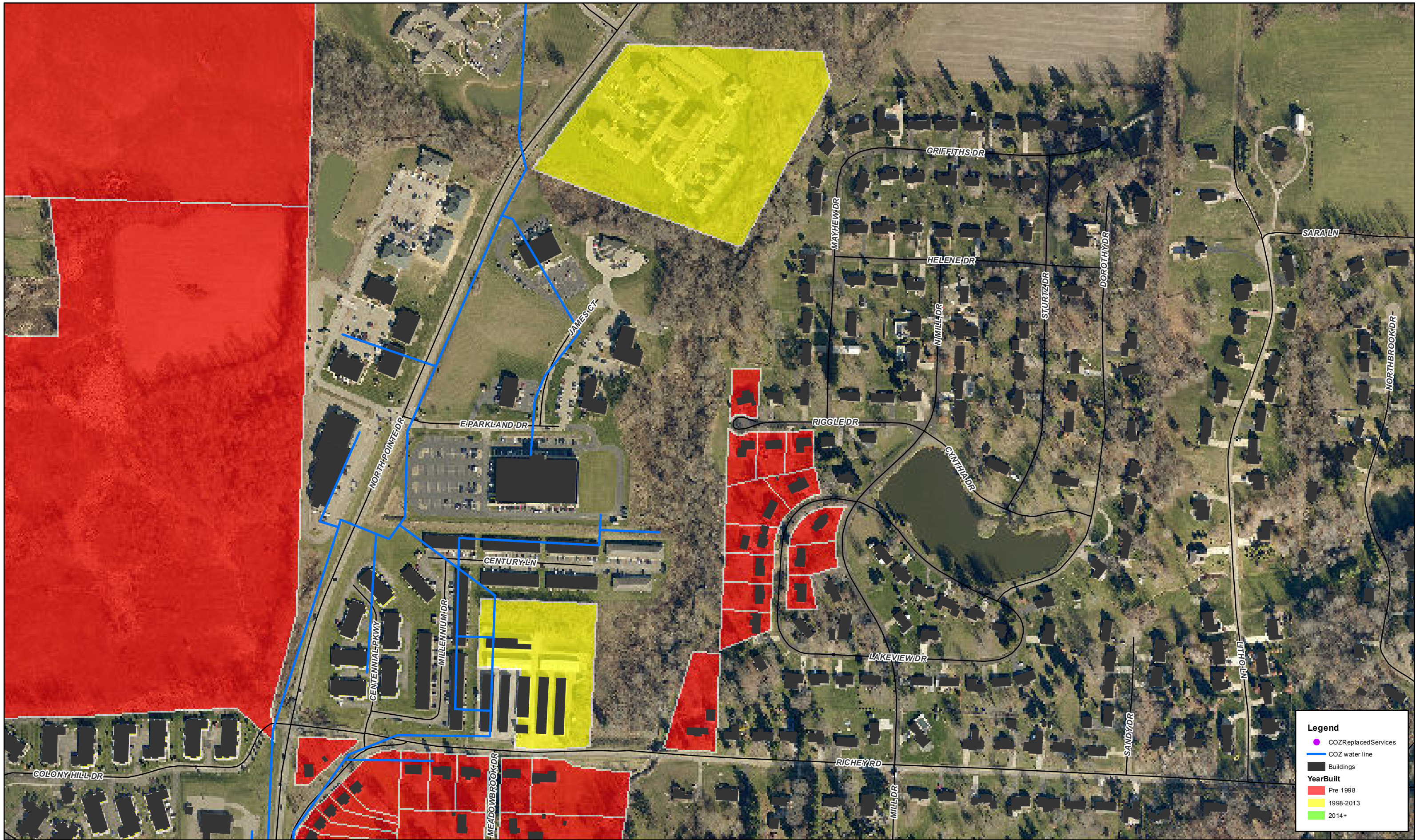


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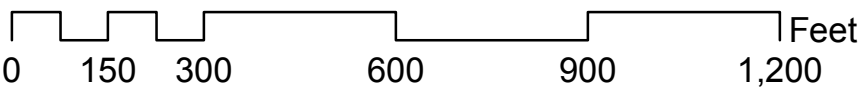
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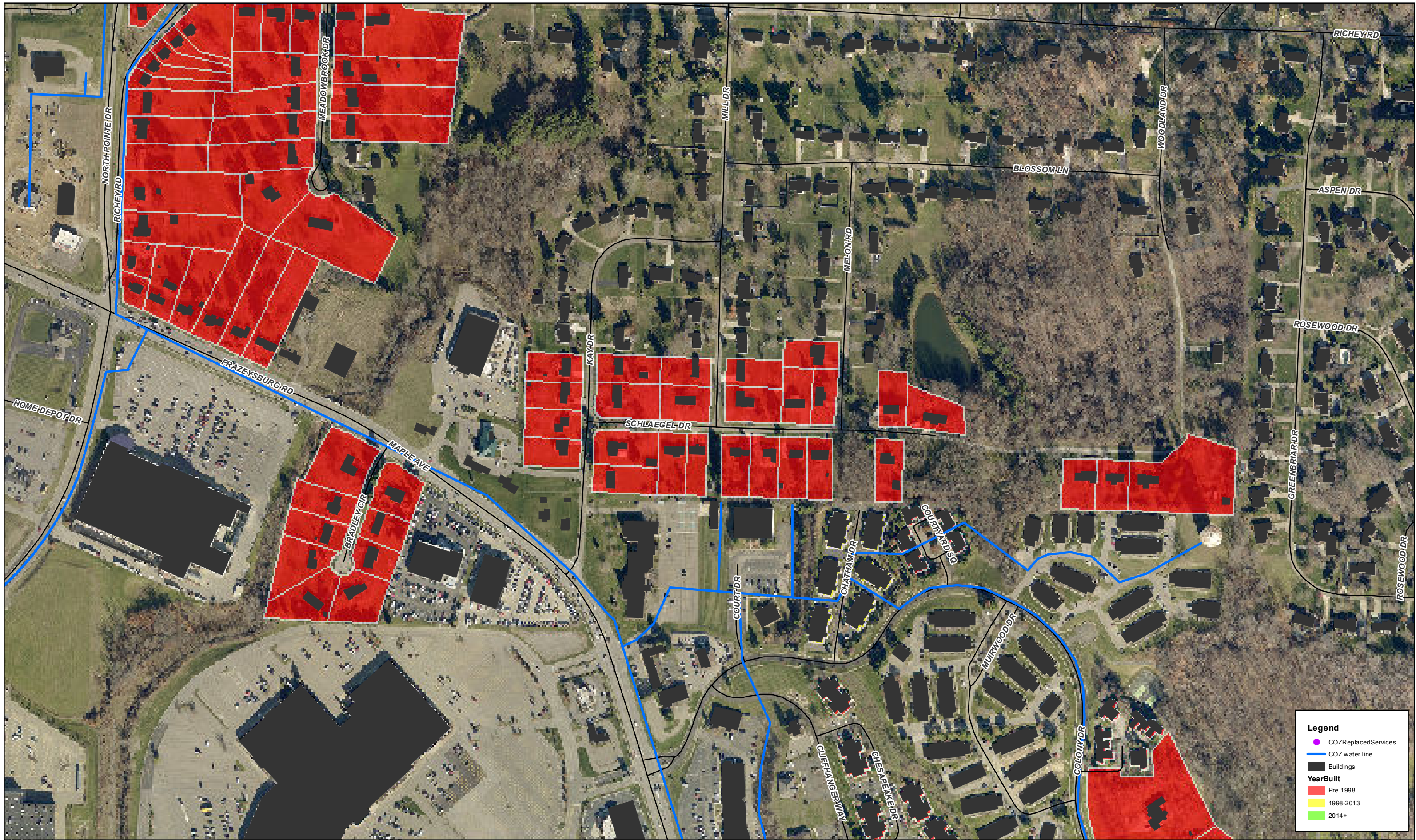
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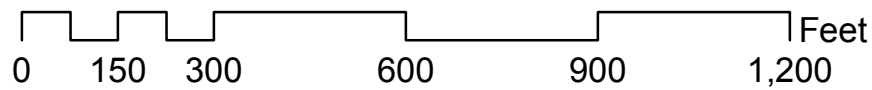


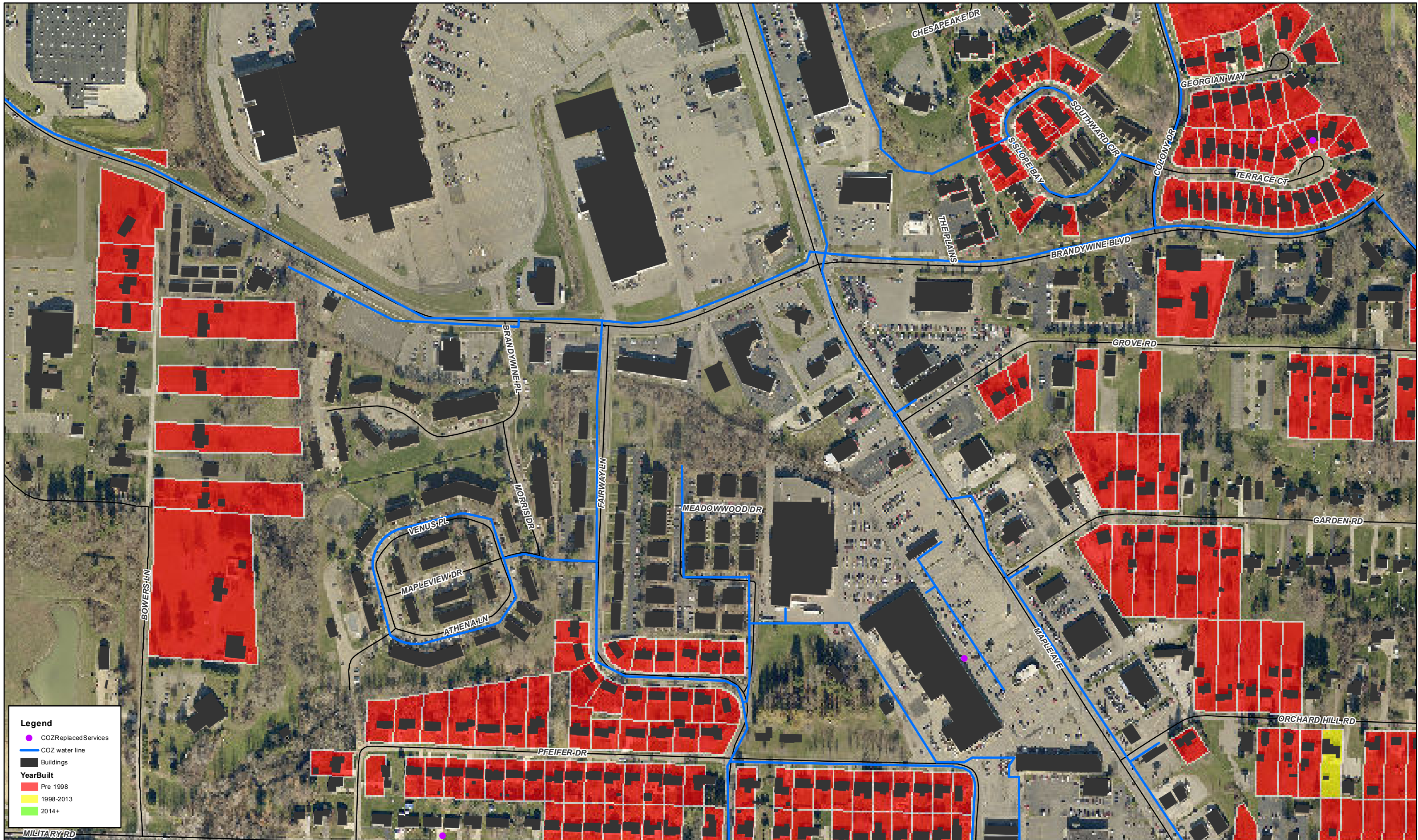
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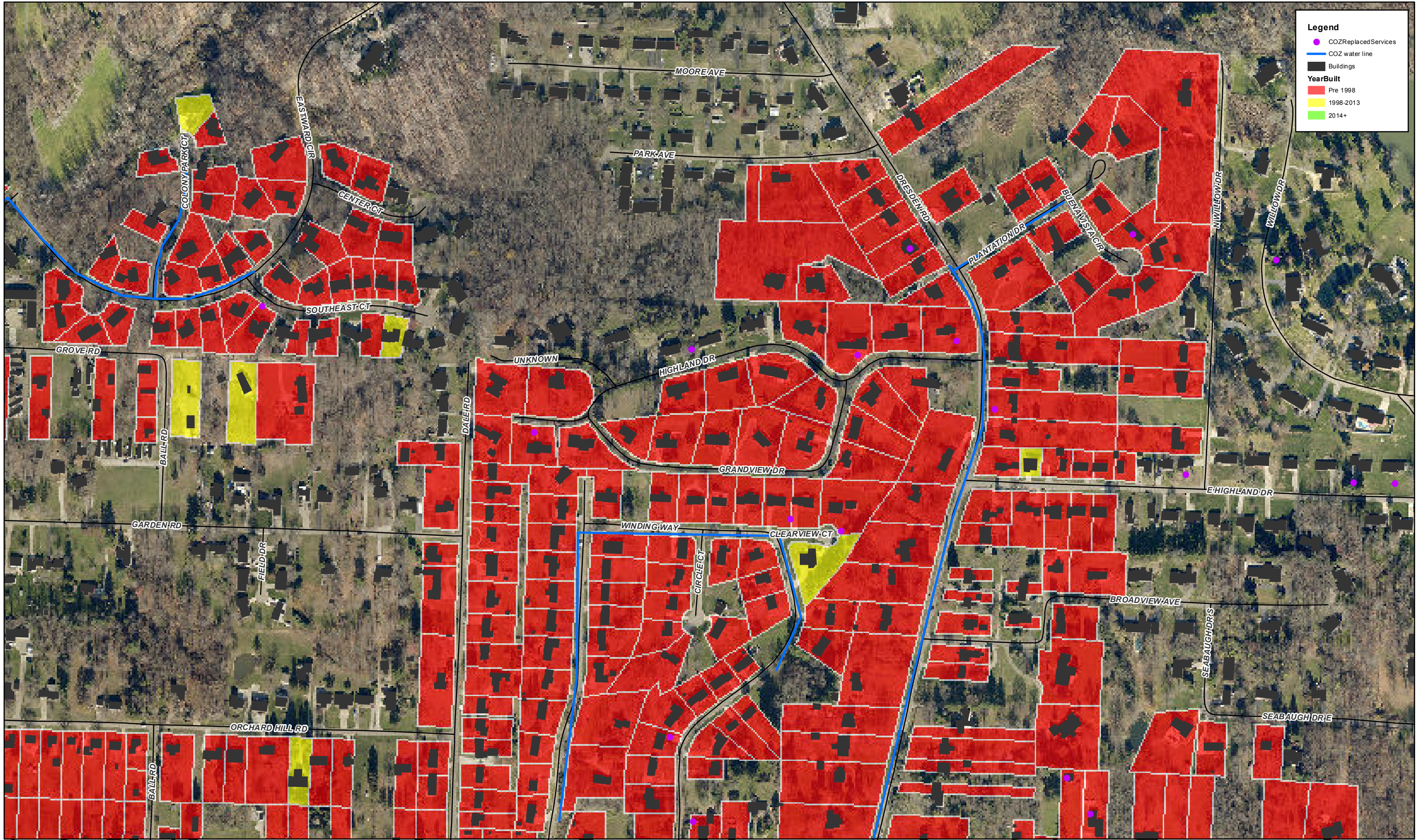


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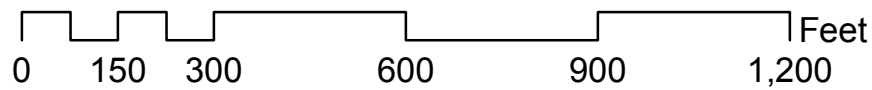


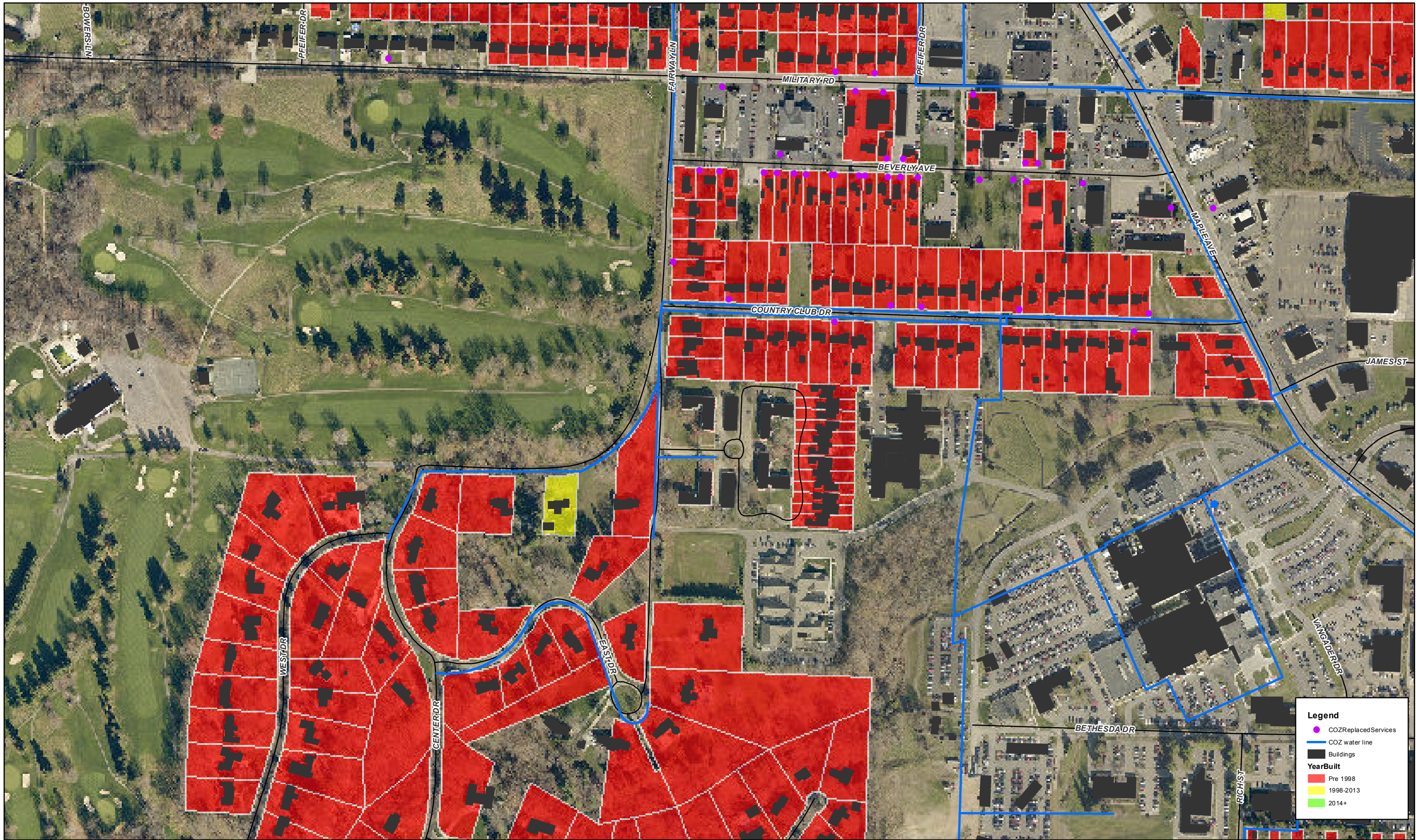


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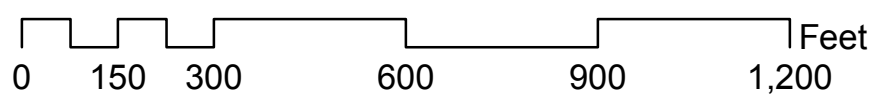


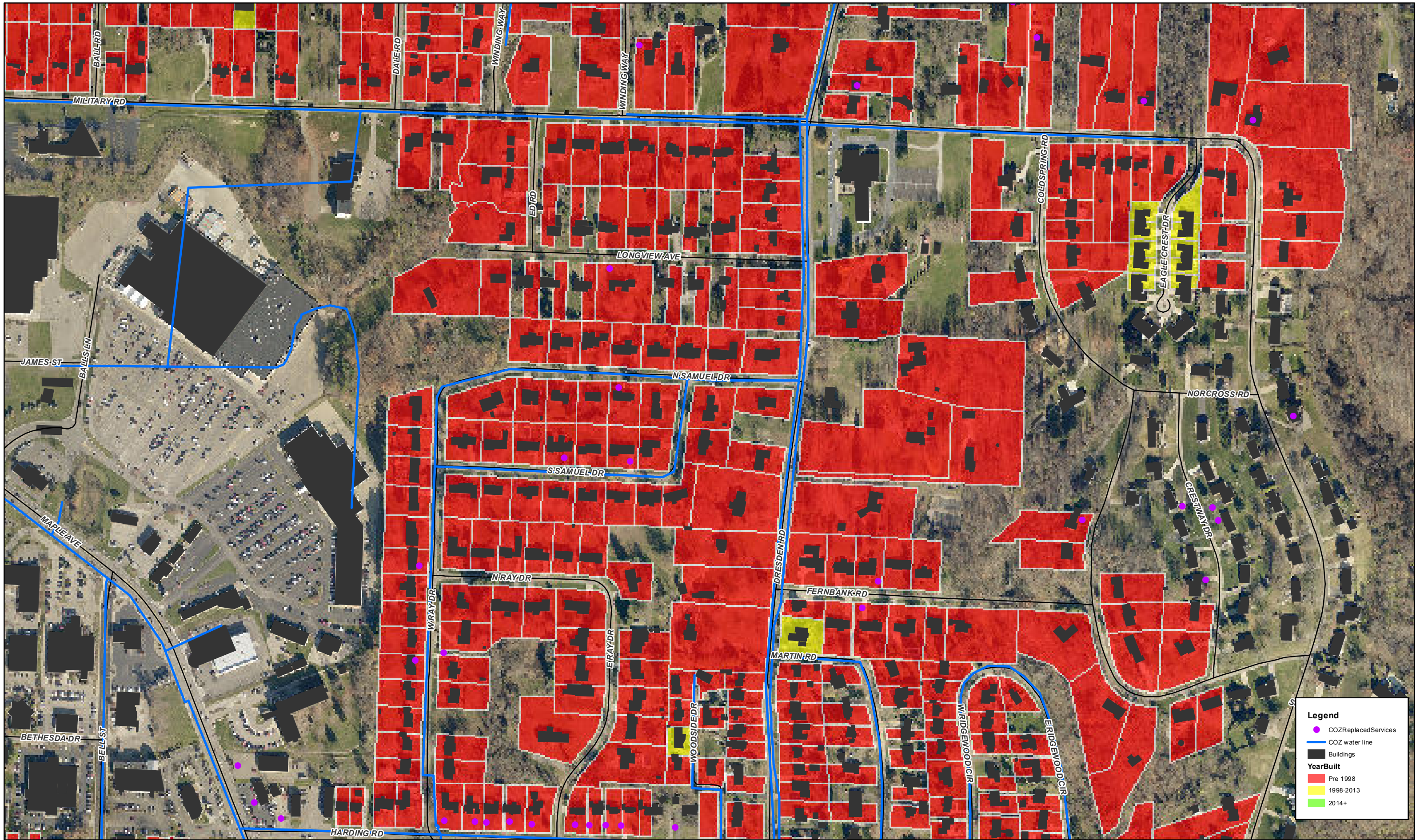
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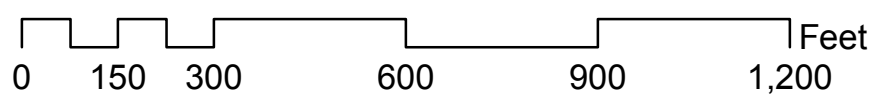
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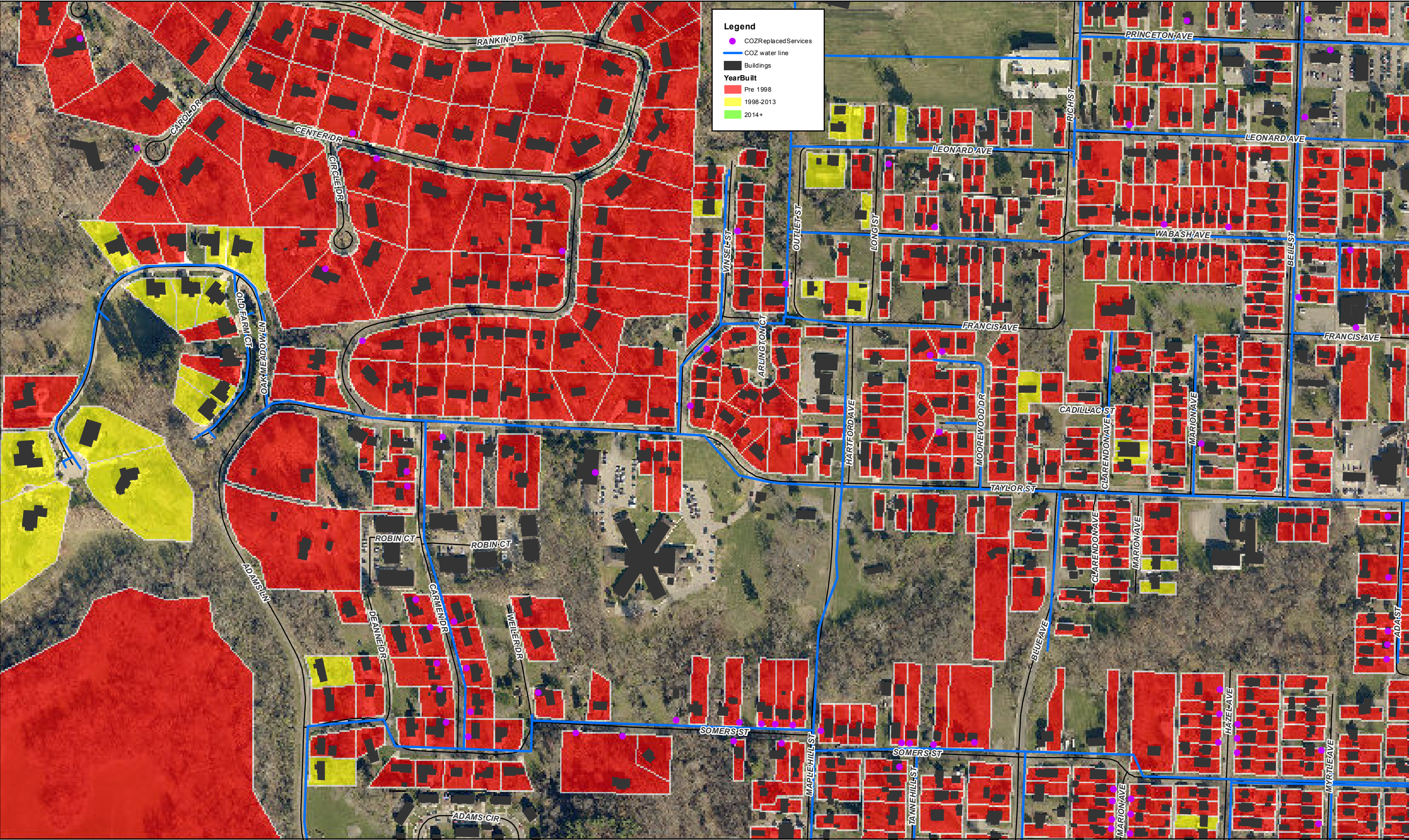
- CO2 Replaced Services
- CO2 water line
- Buildings

Year Built

- Pre 1998
- 1998-2013
- 2014+

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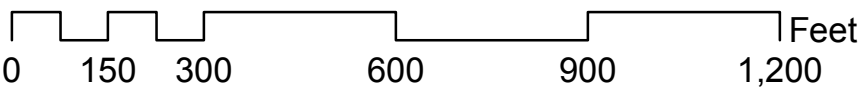
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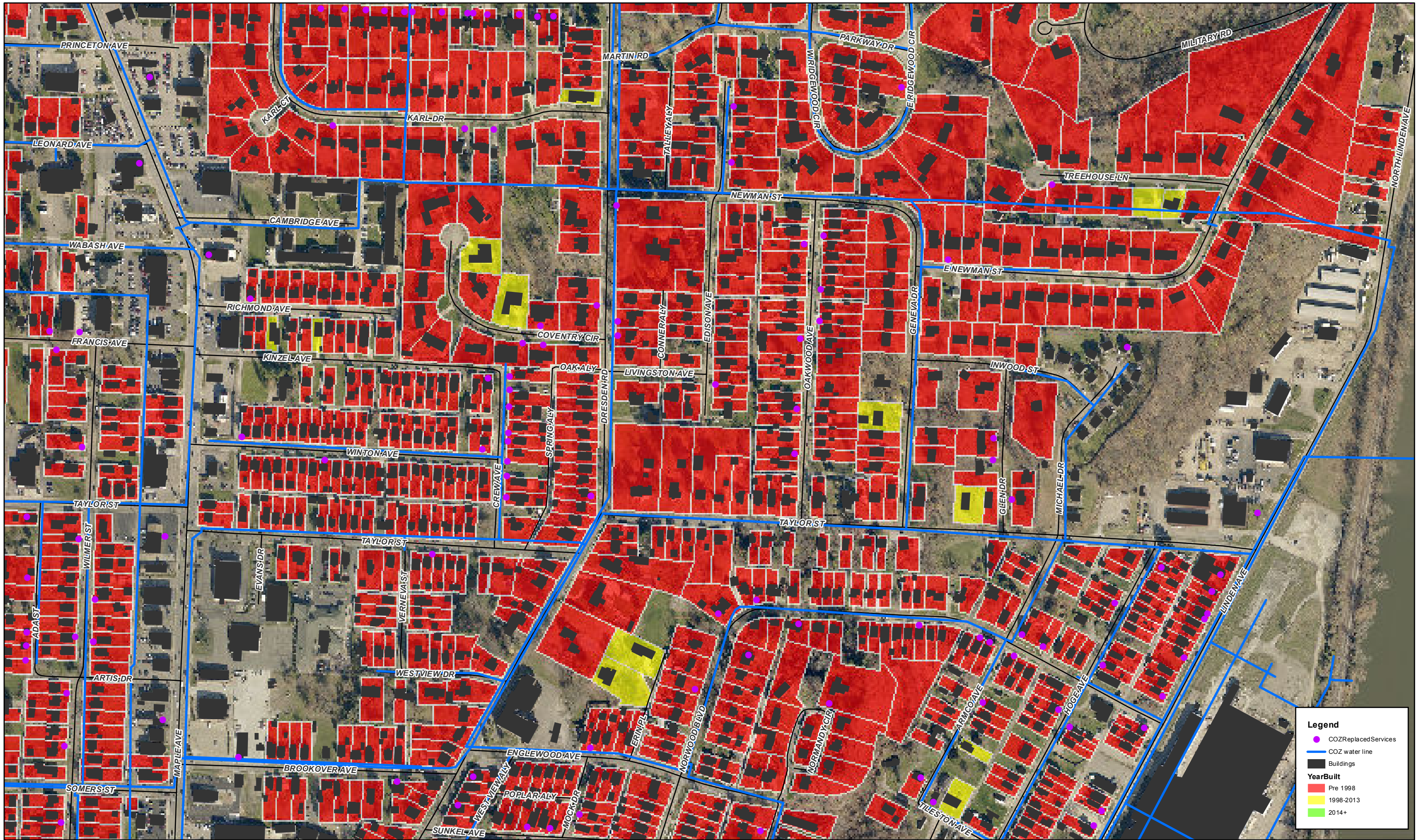
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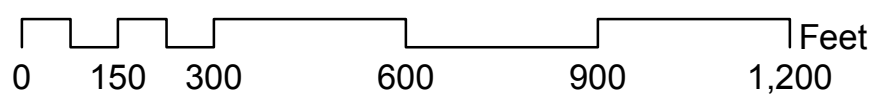
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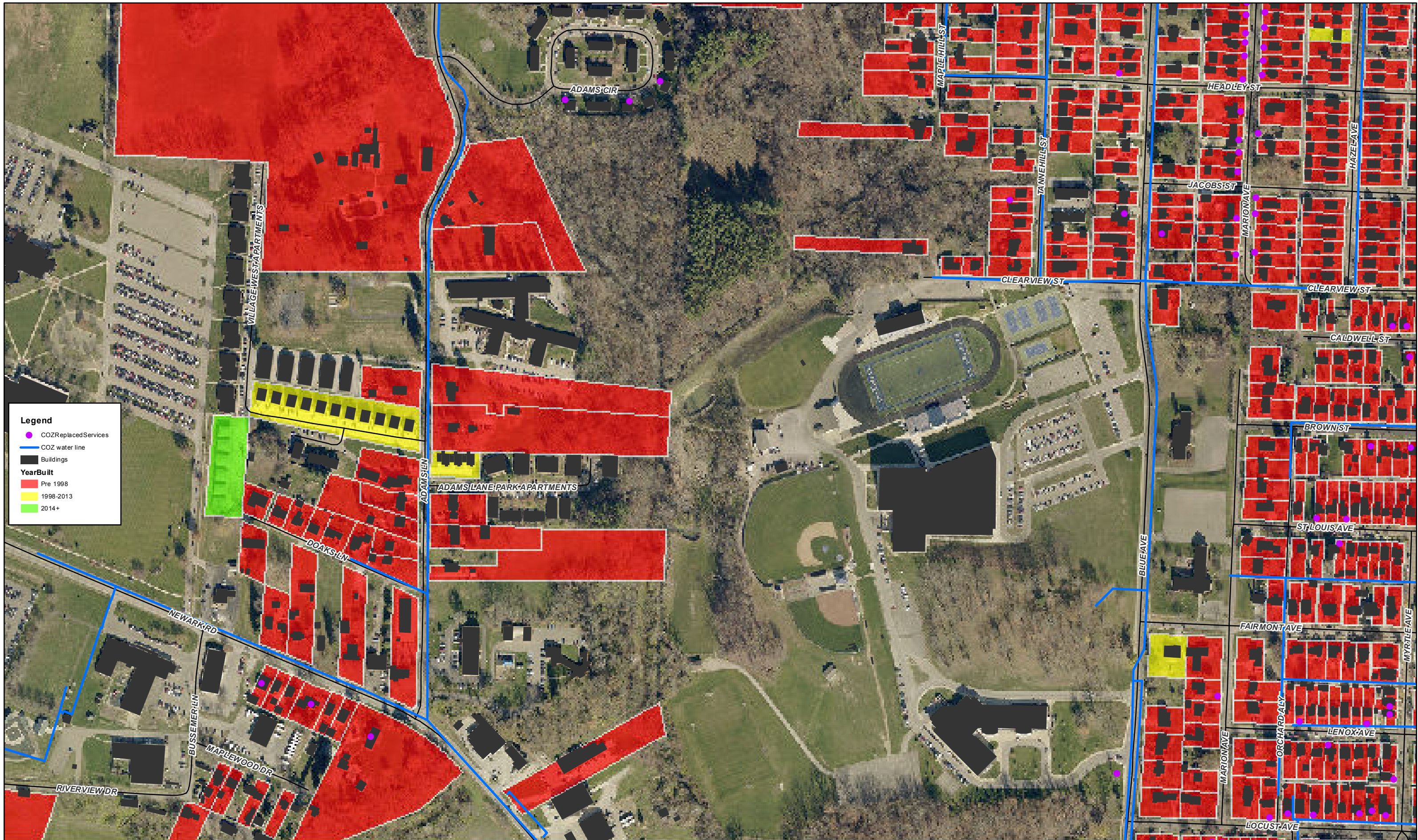
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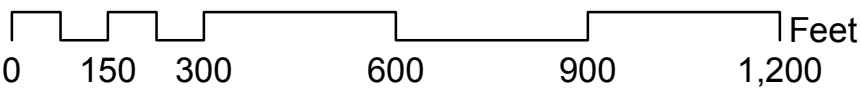
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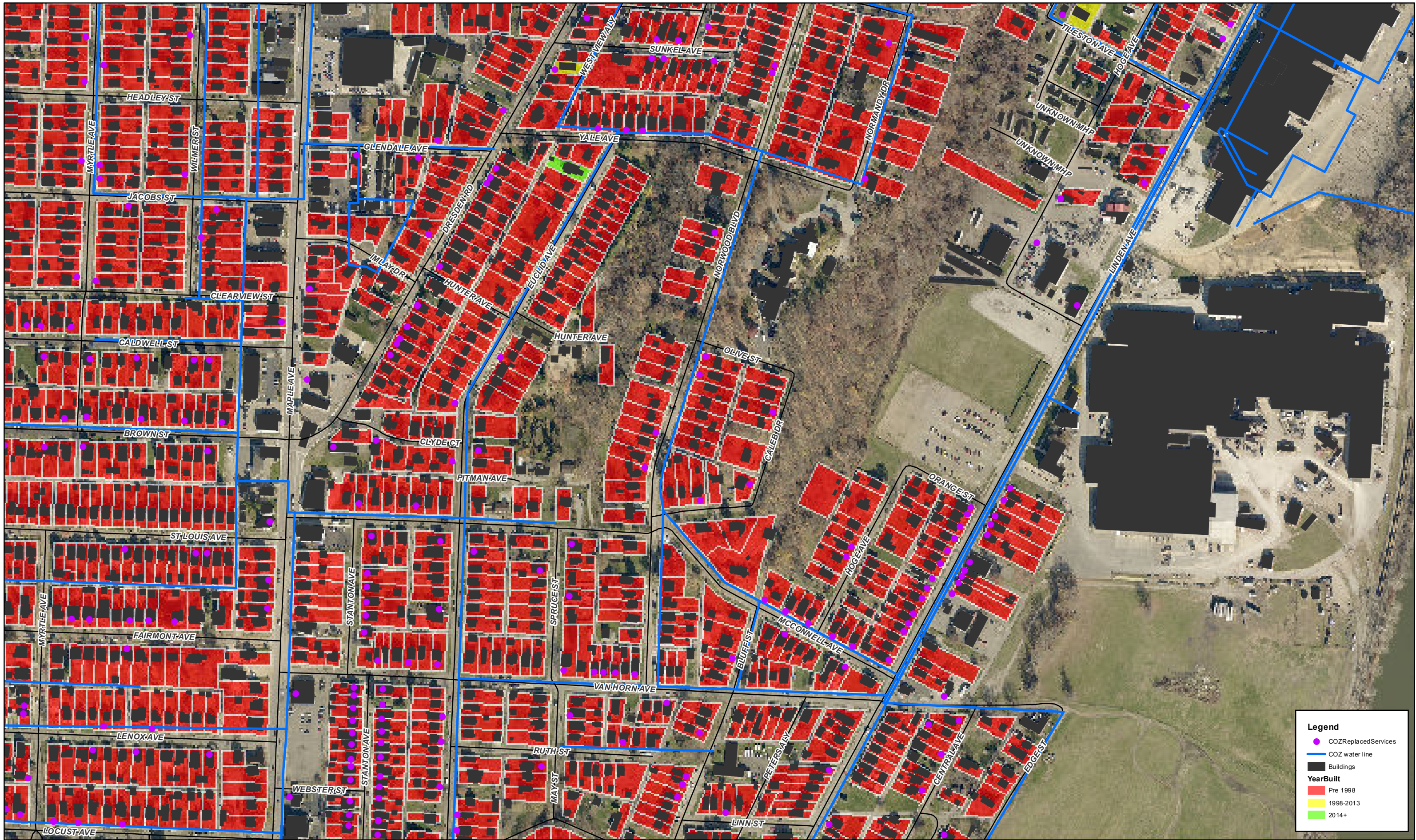
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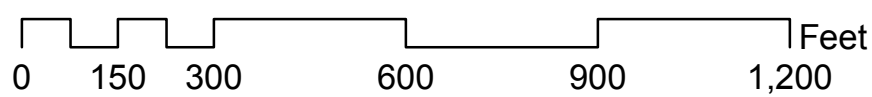
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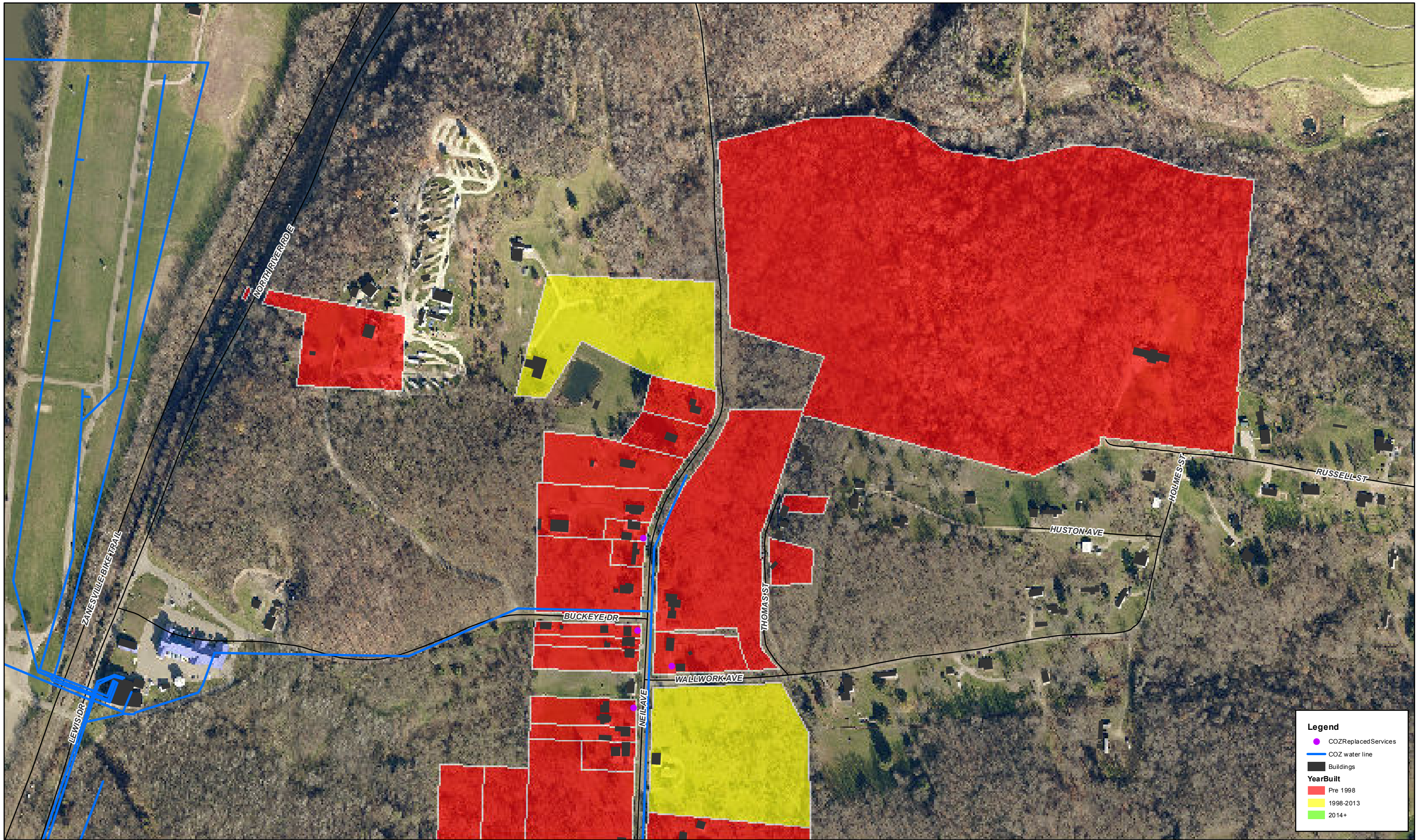
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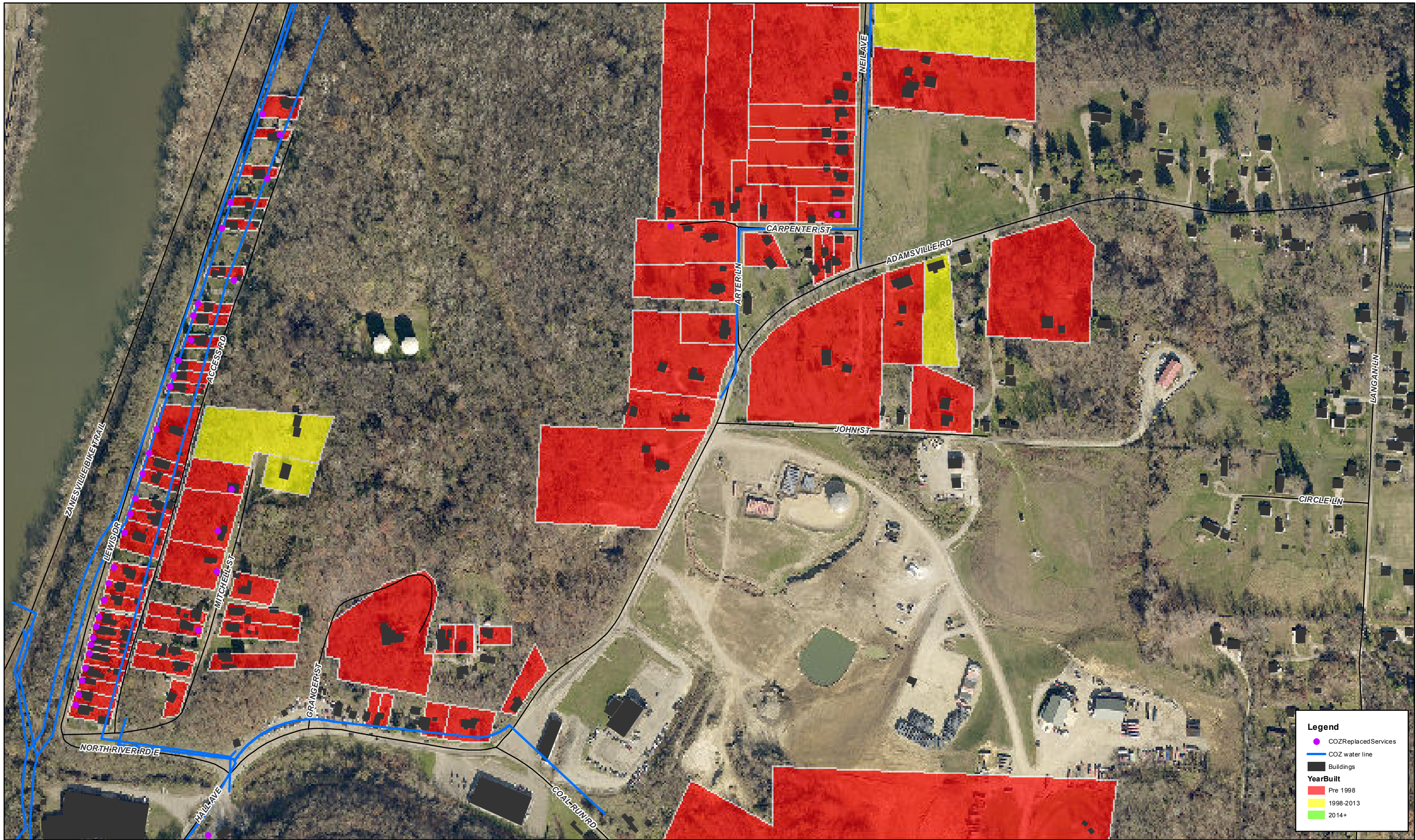




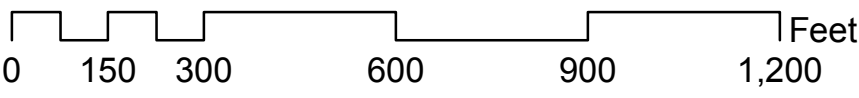
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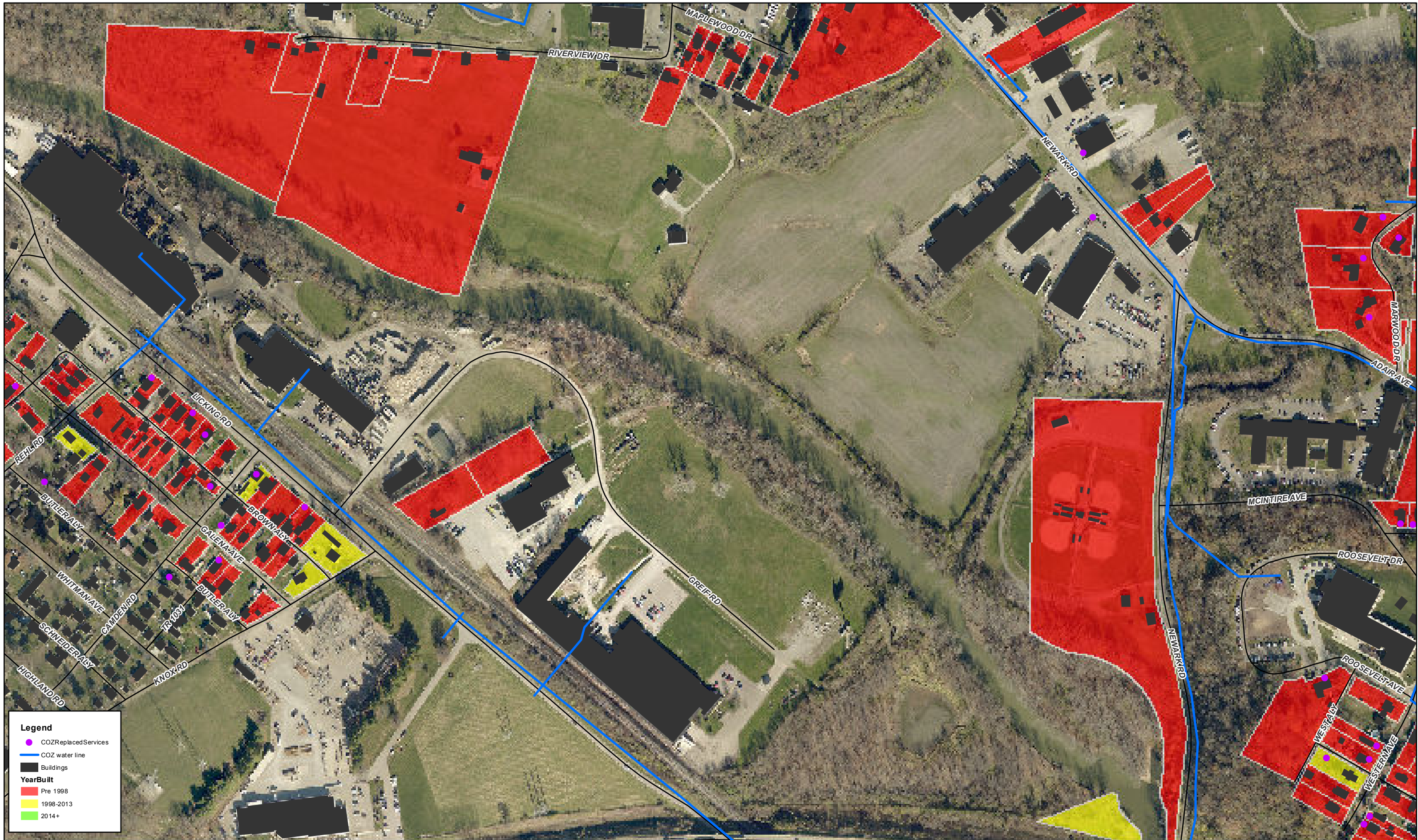
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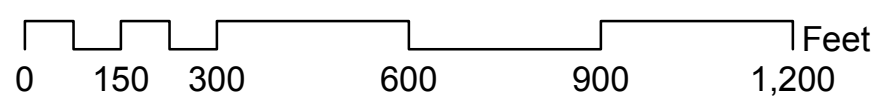


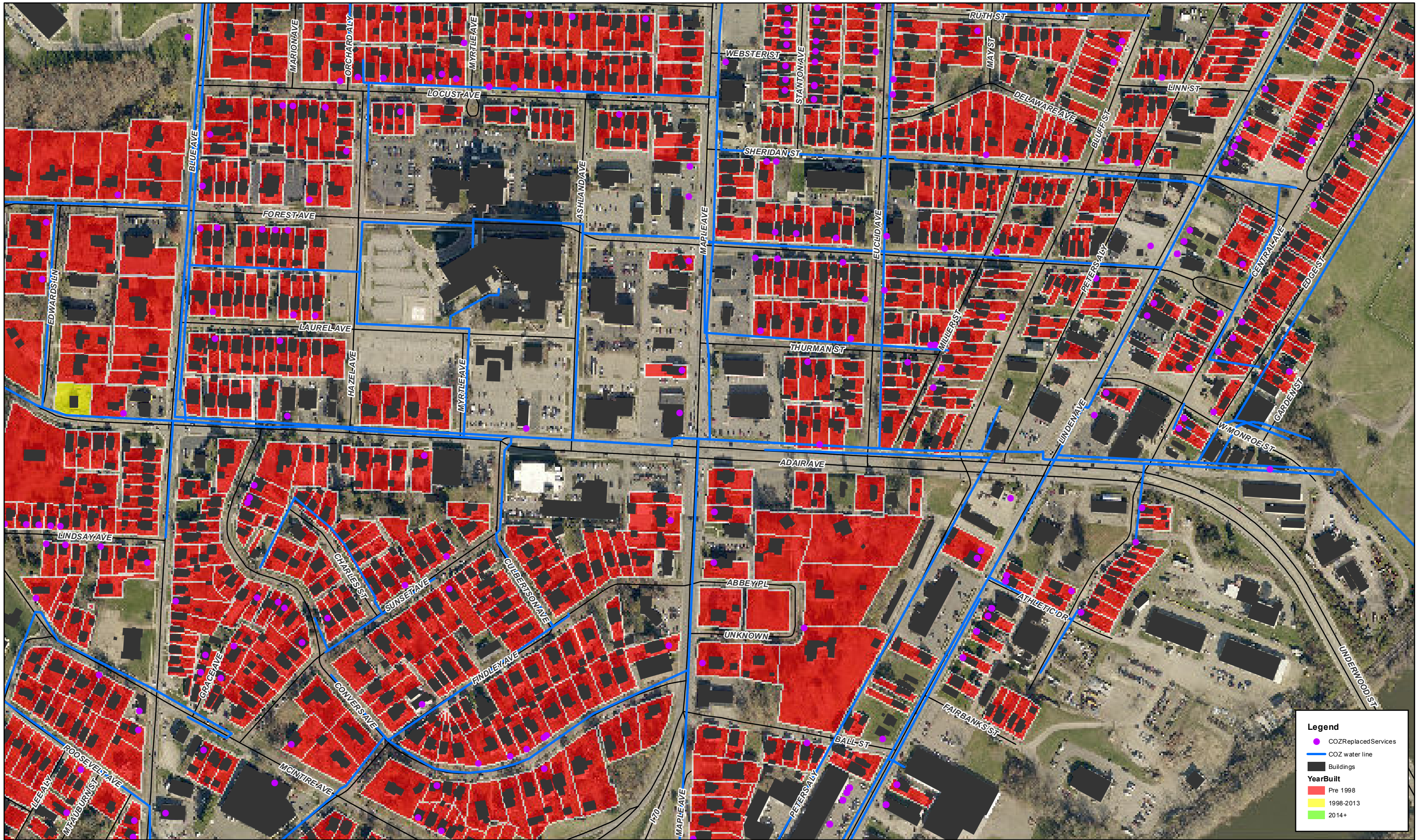
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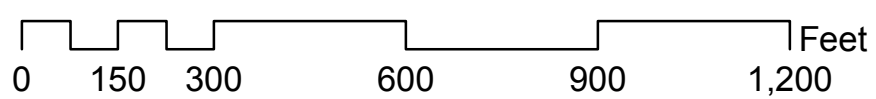


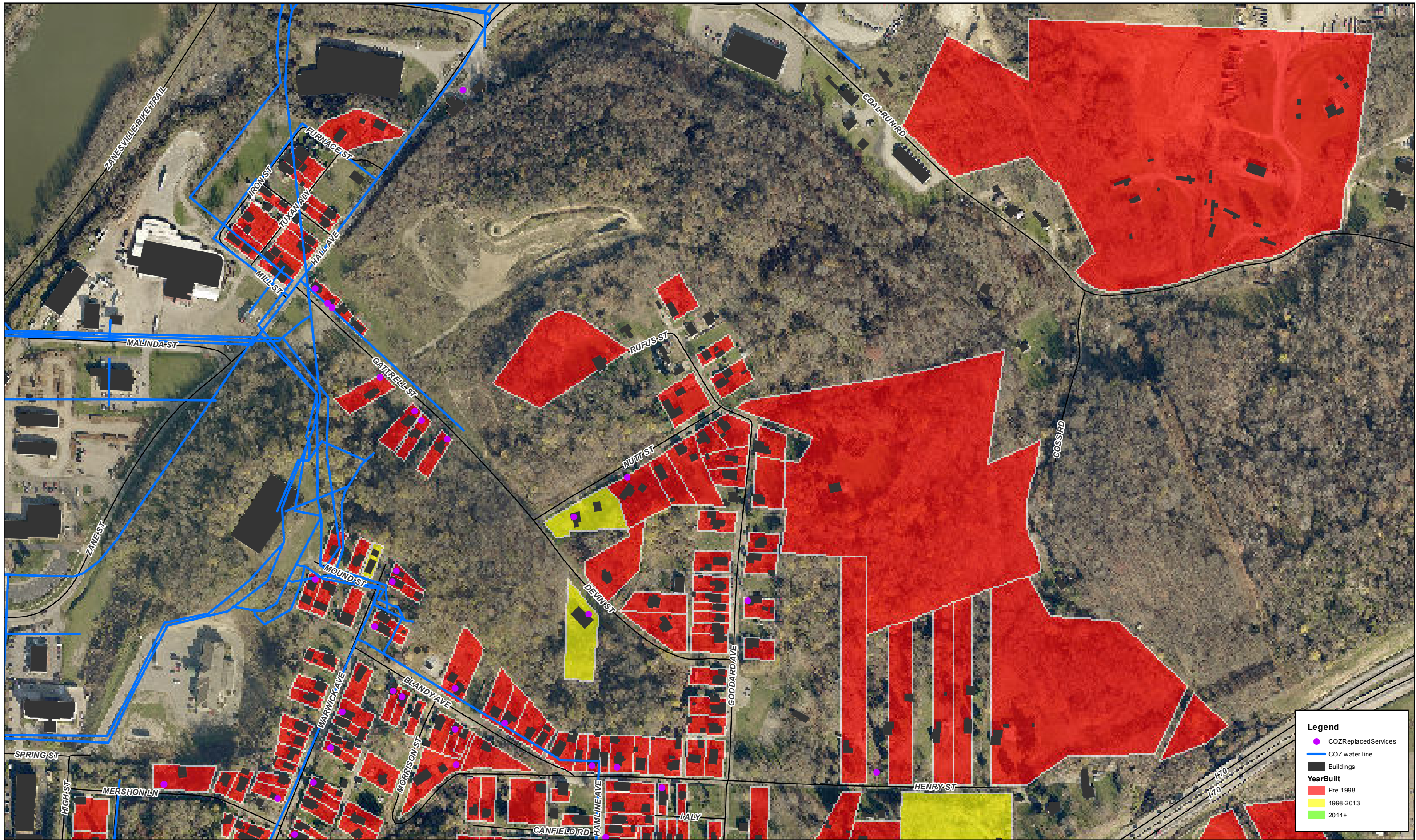
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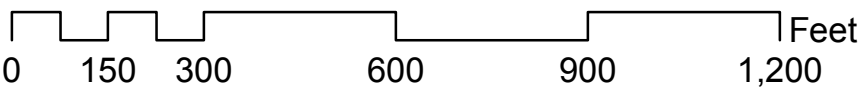
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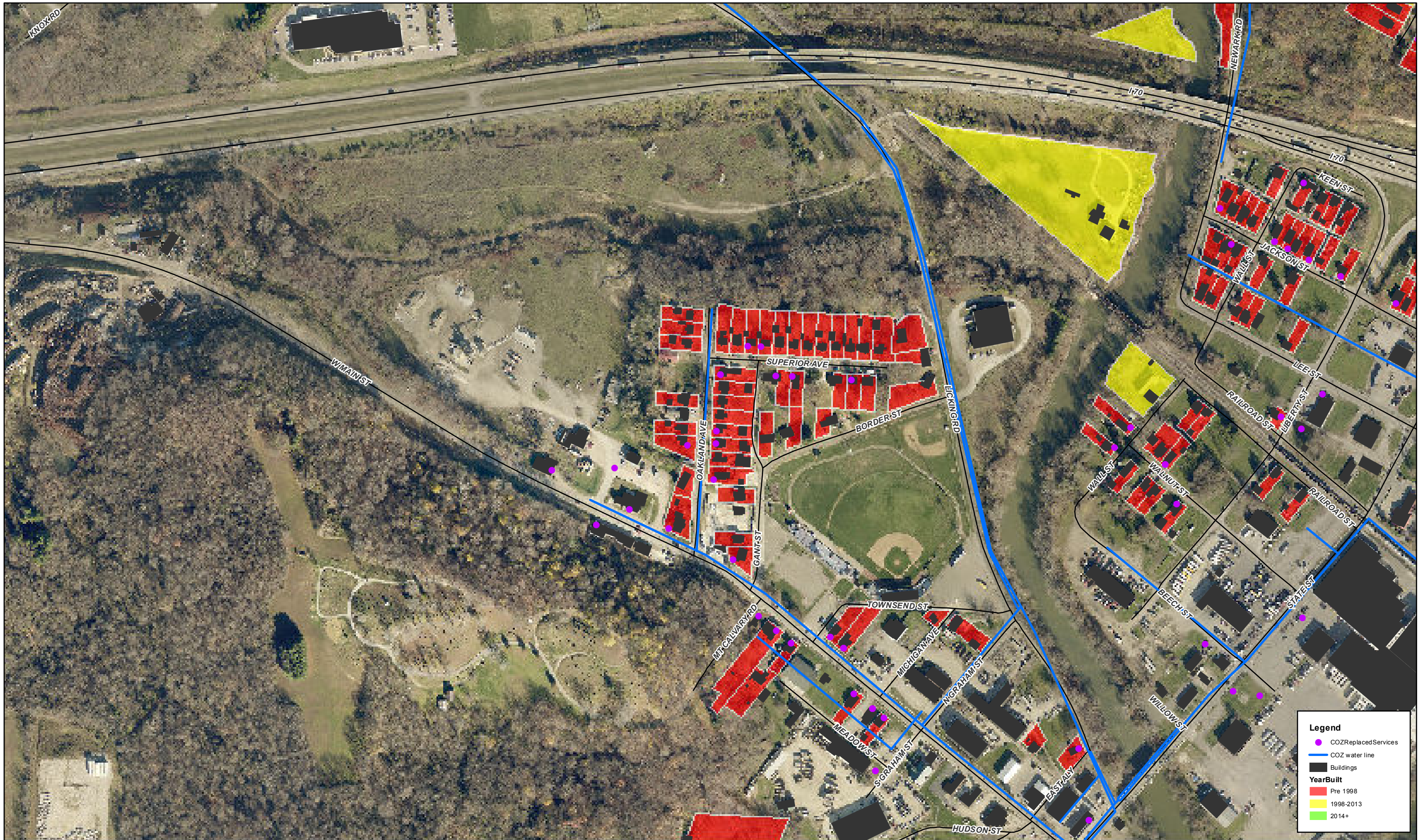
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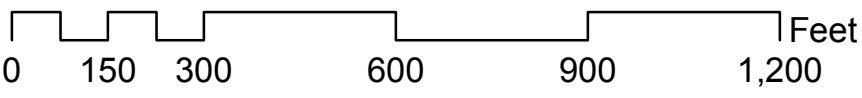
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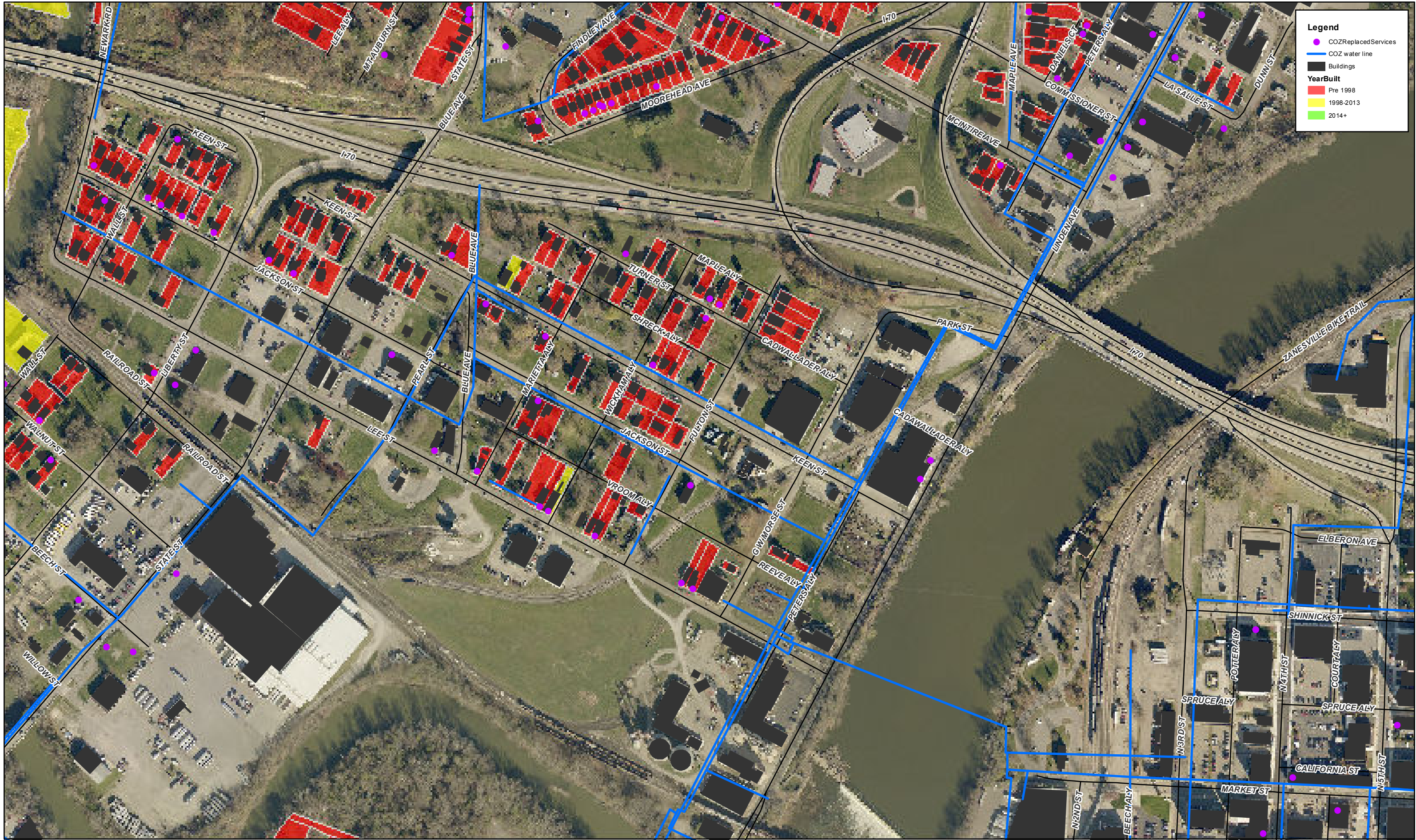
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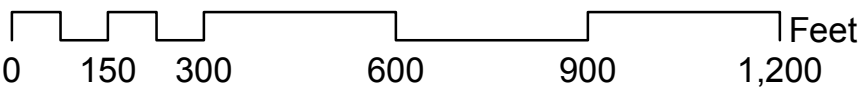


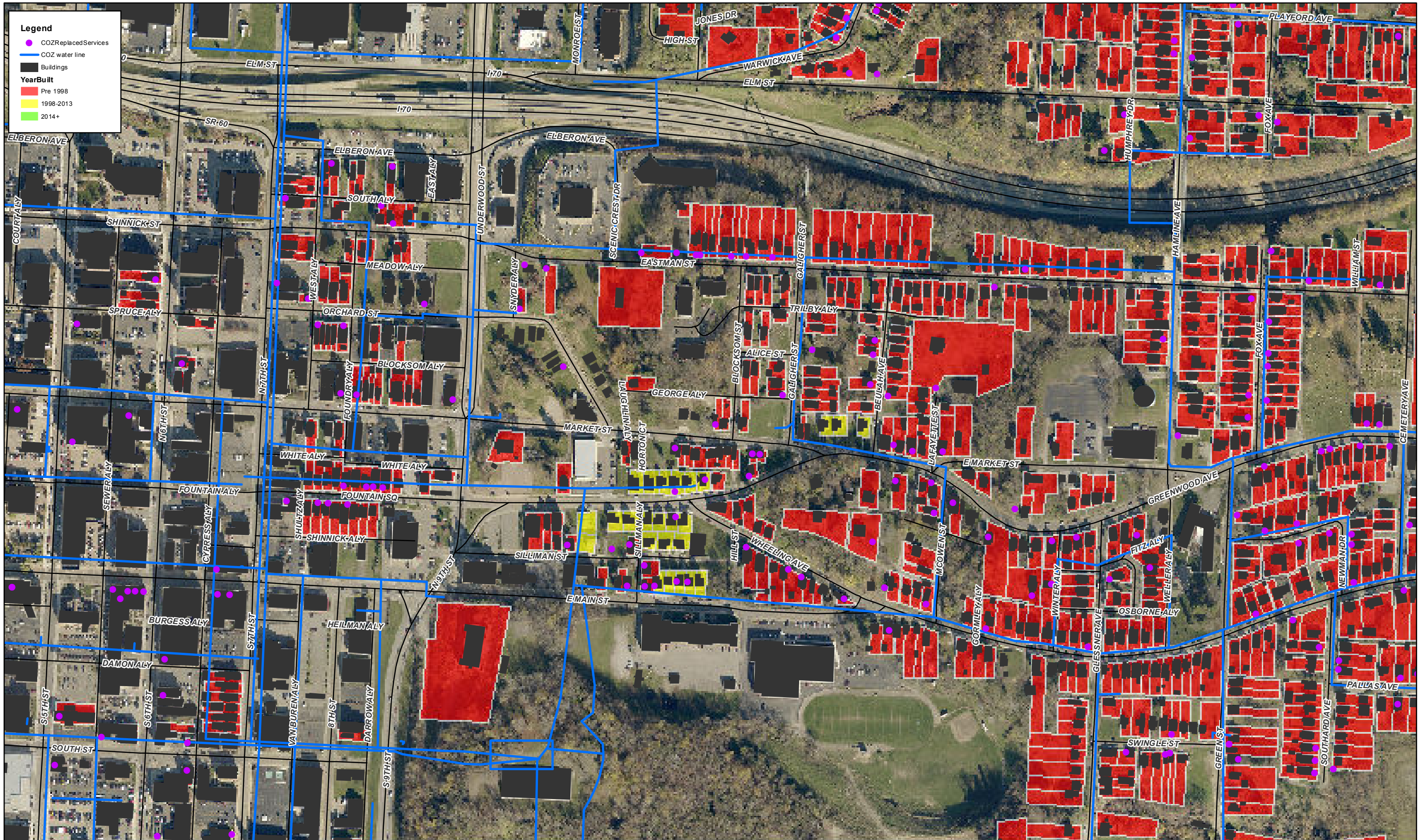
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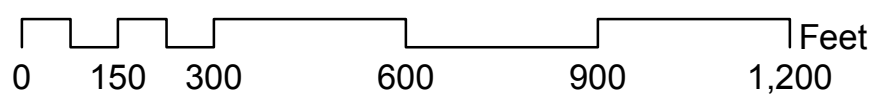


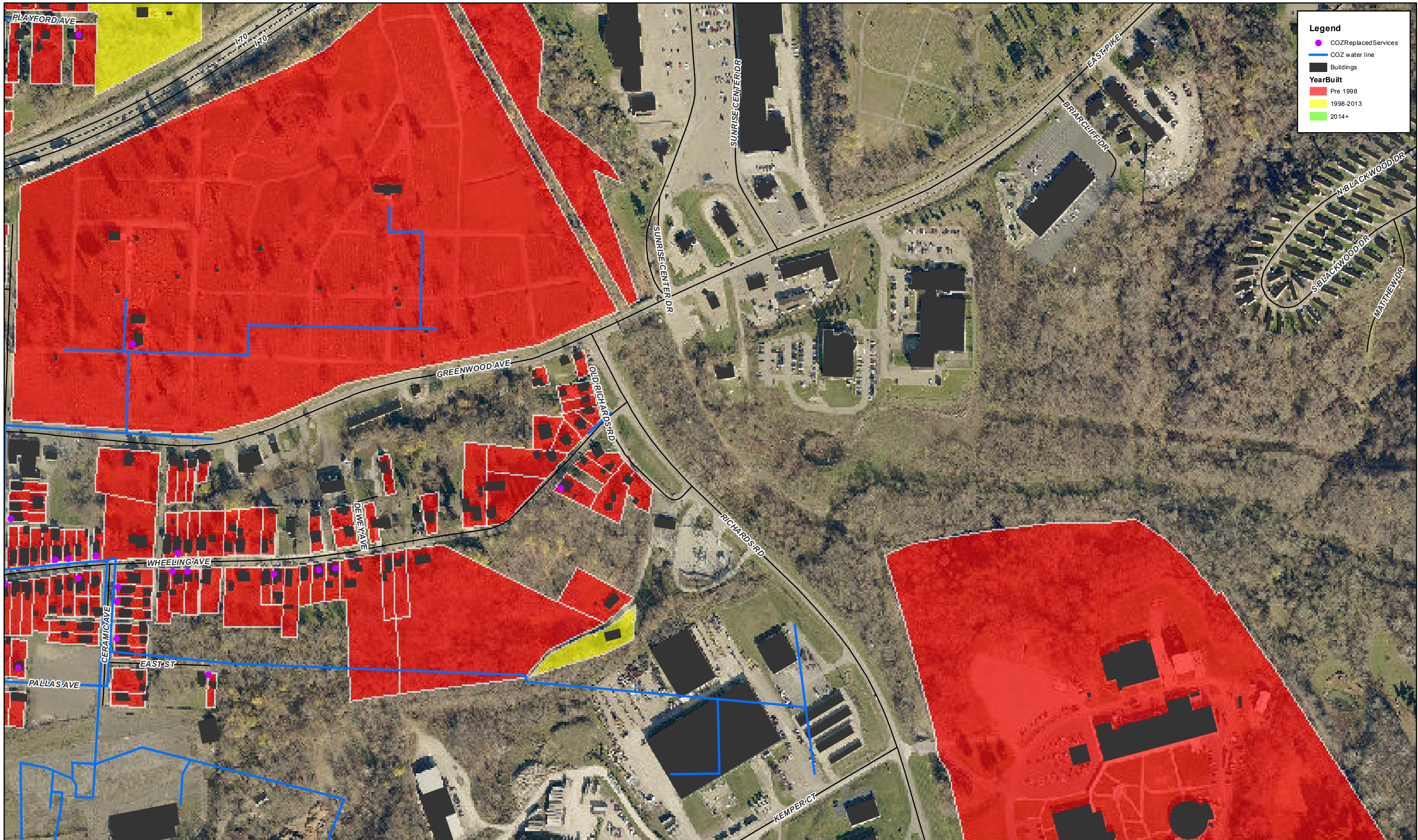
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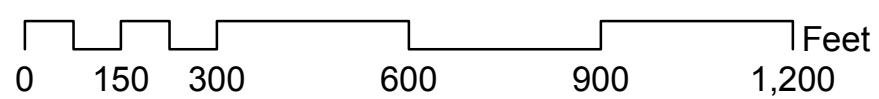


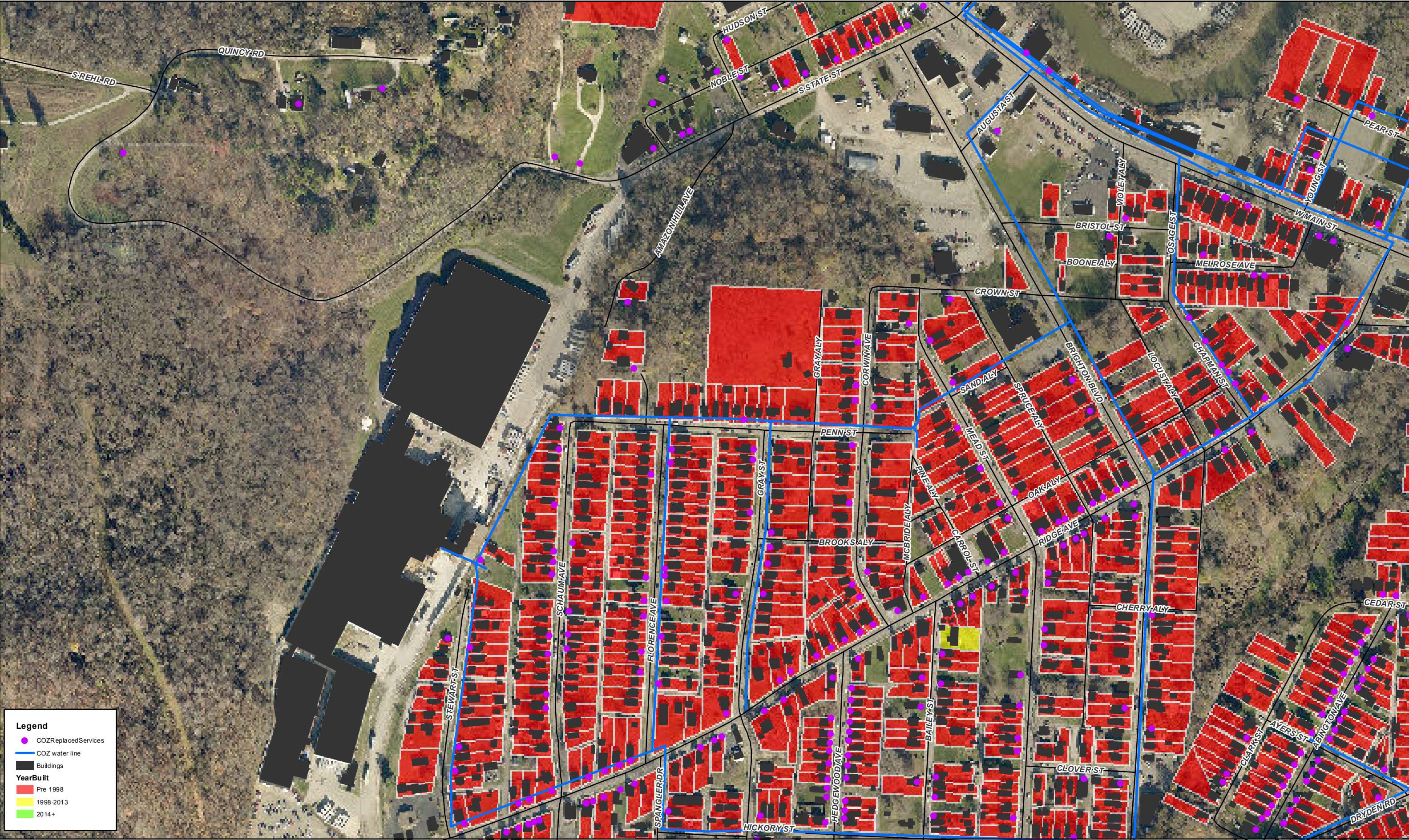
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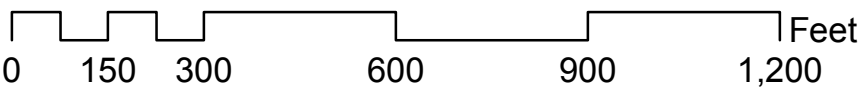


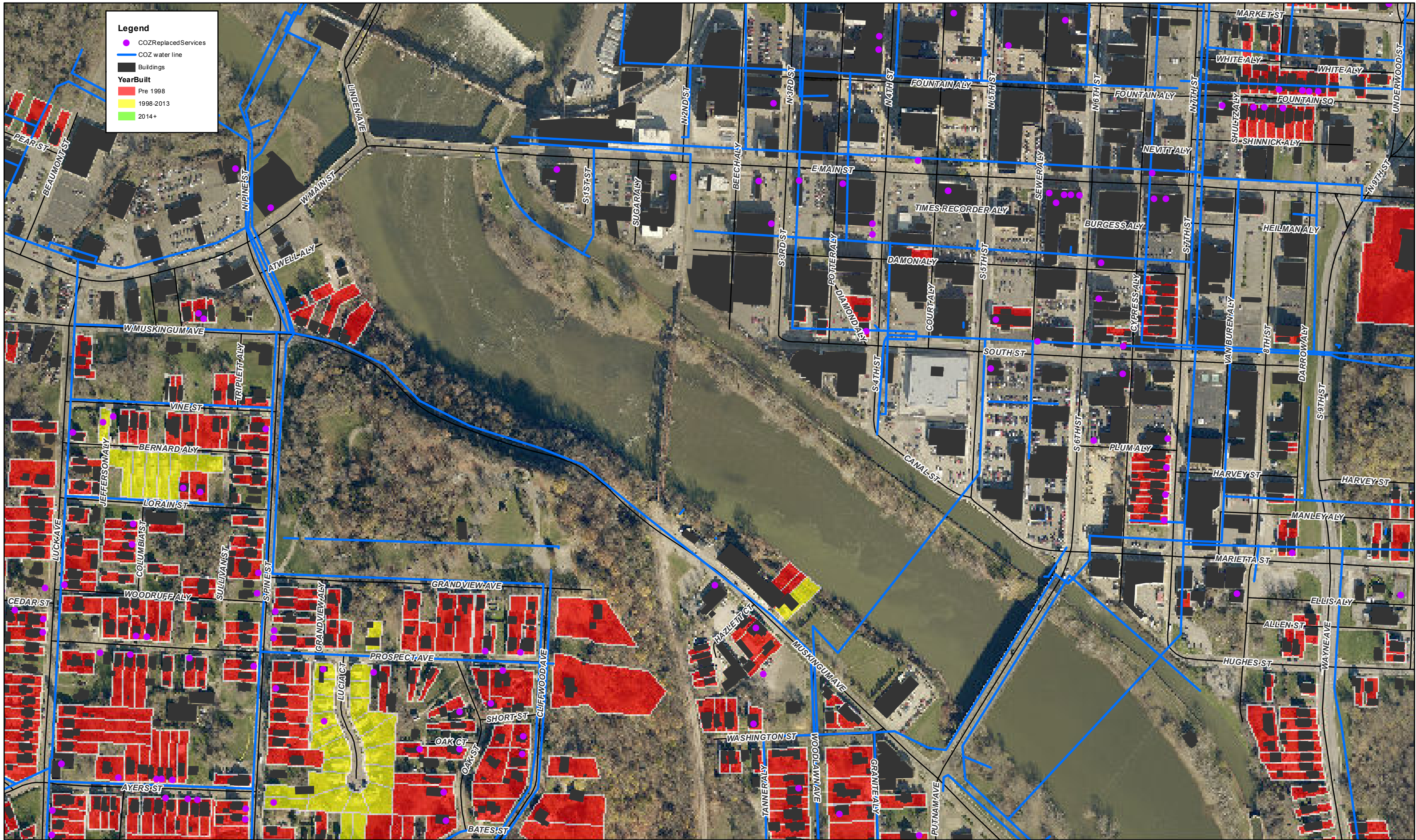
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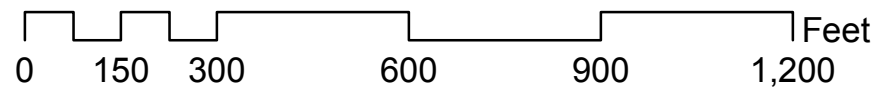


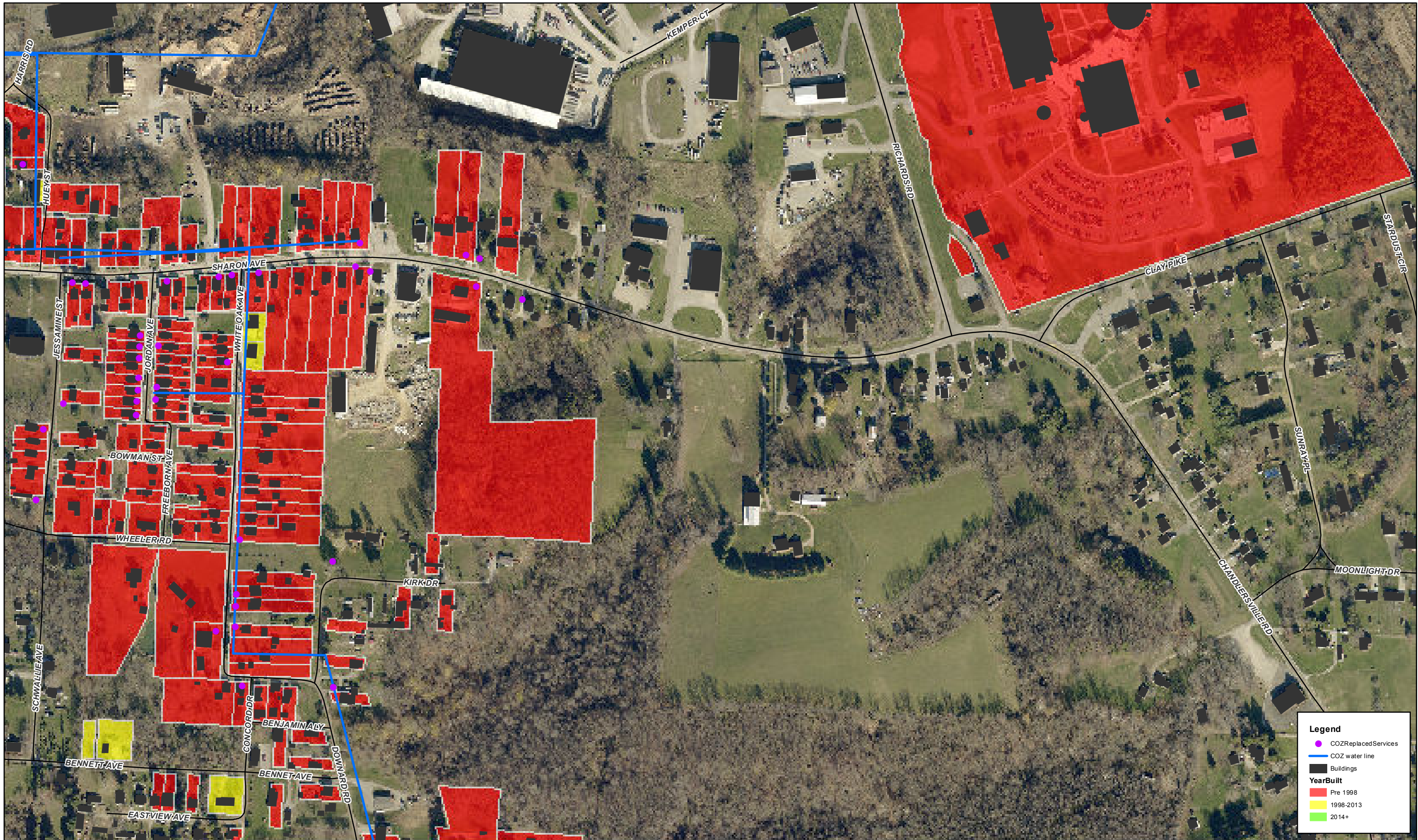


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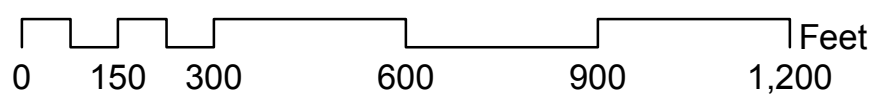
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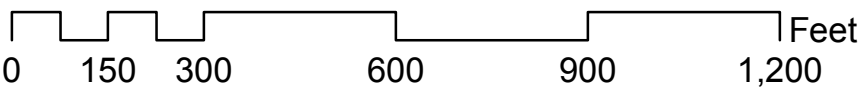


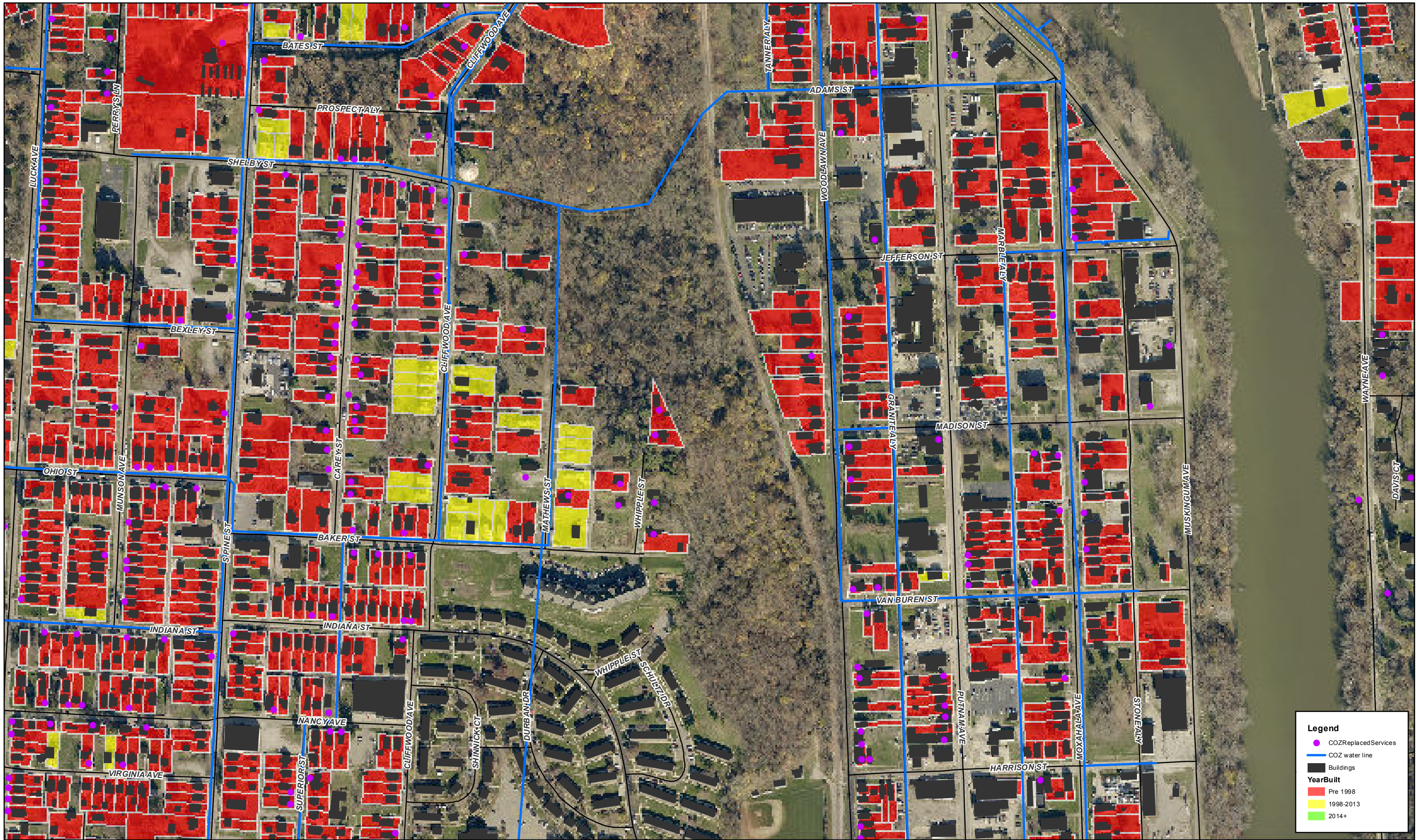
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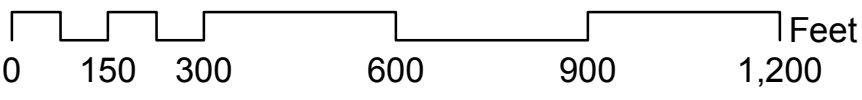


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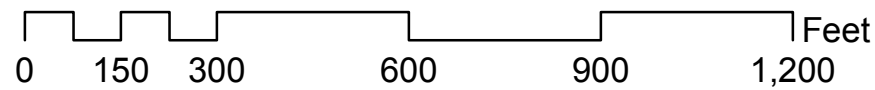


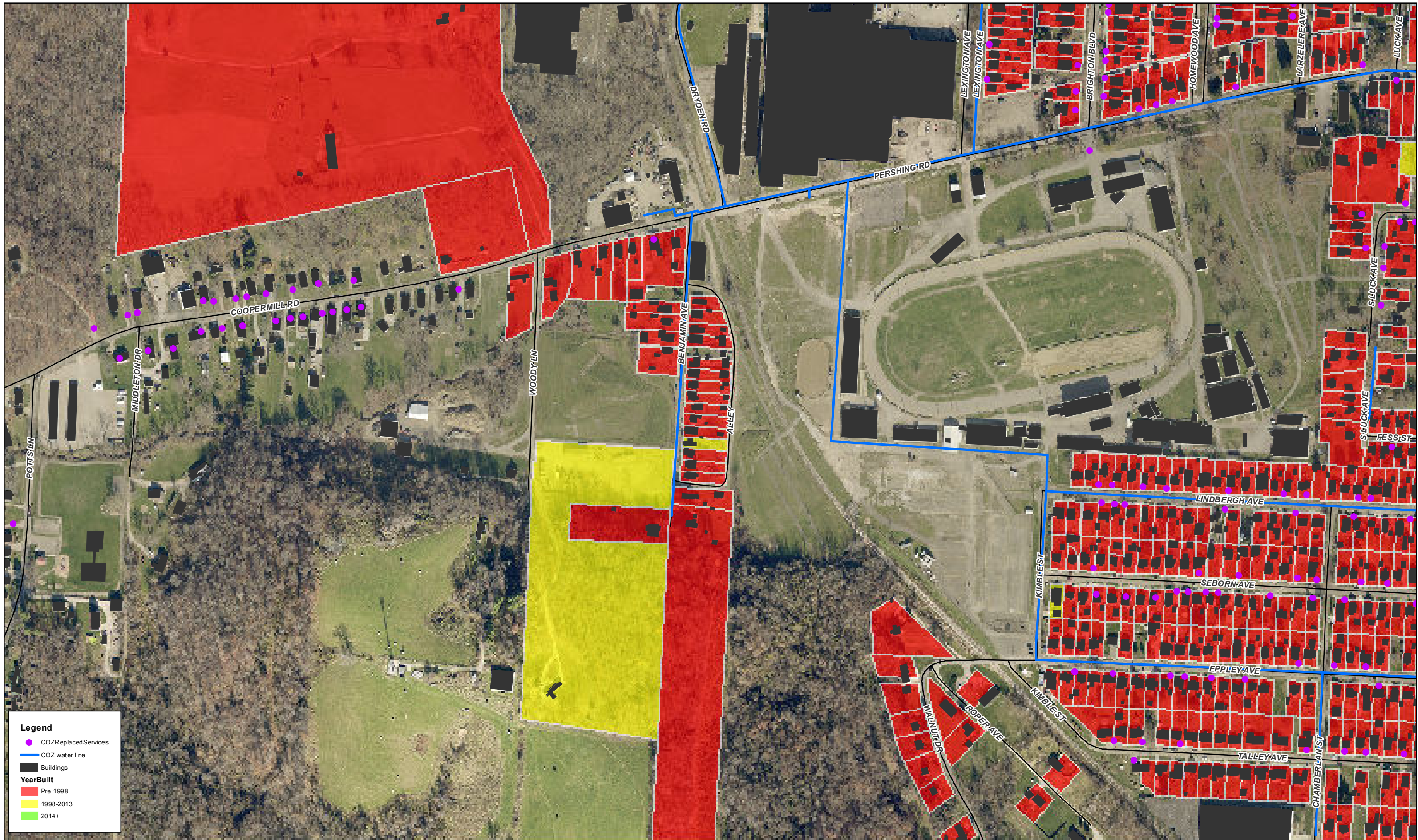
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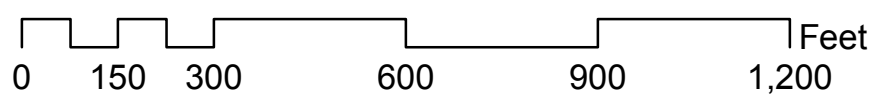


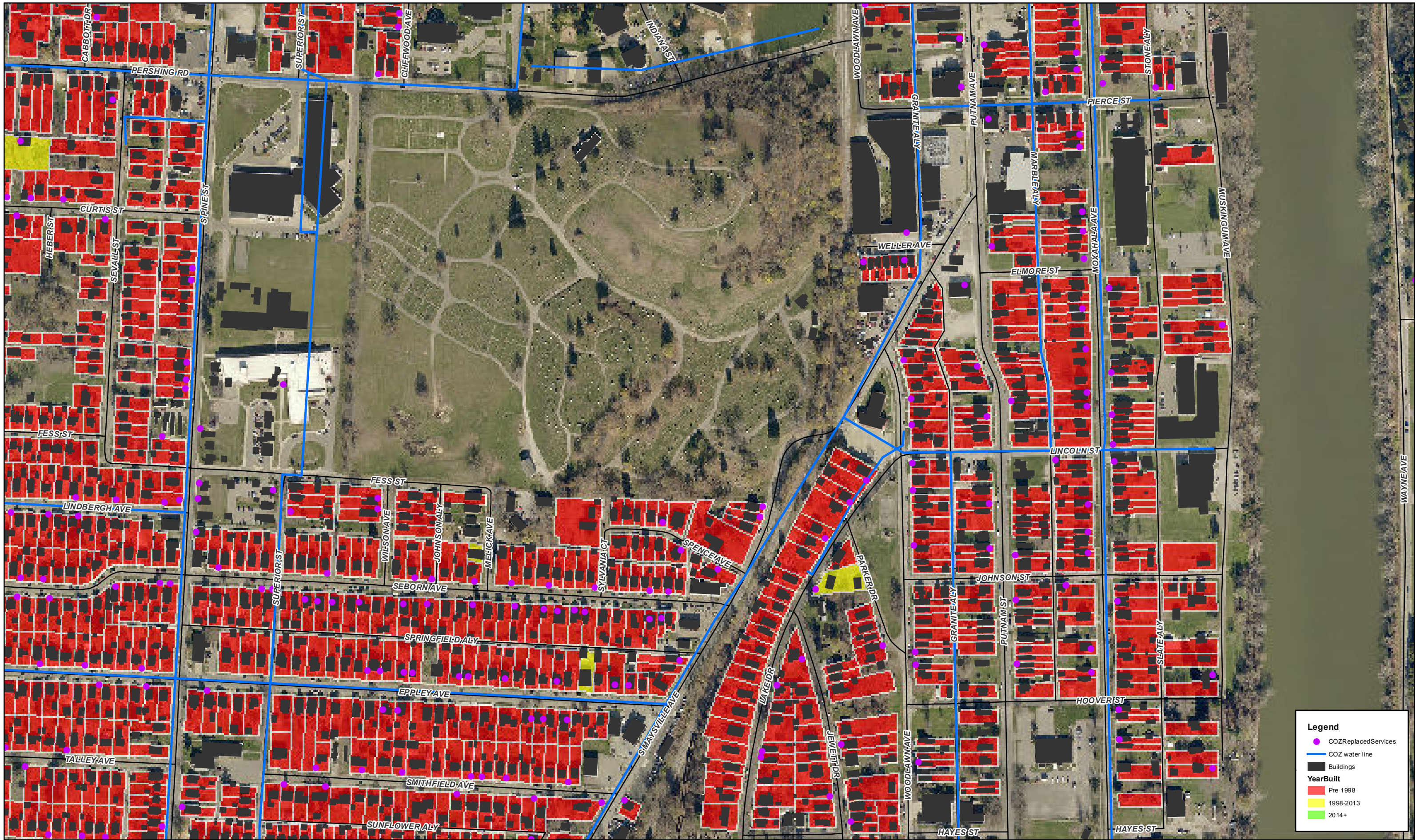
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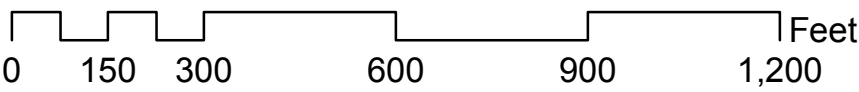
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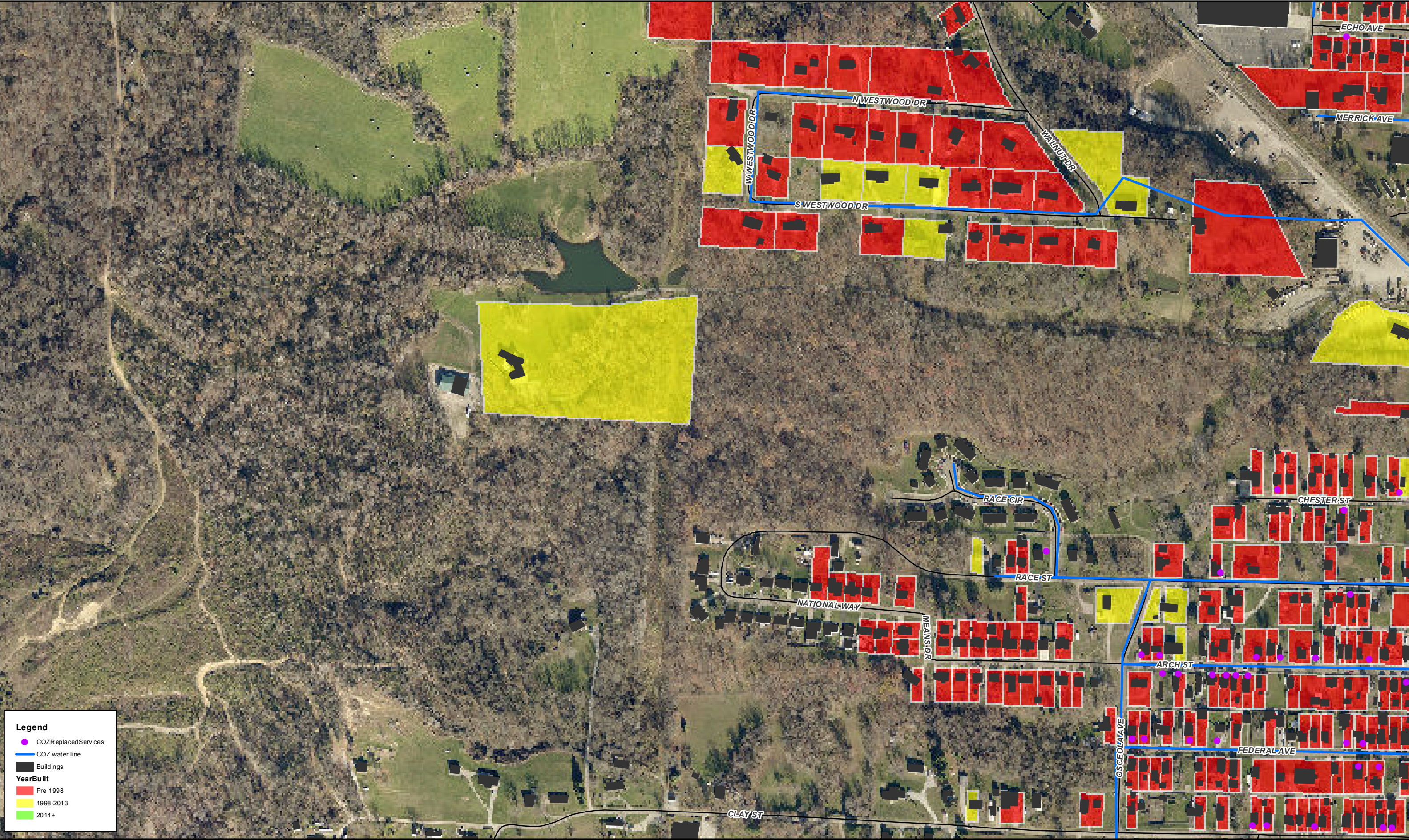
- CO2ReplacedServices
- CO2 water line
- Buildings

YearBuilt

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- 1998-2013
- 2014+

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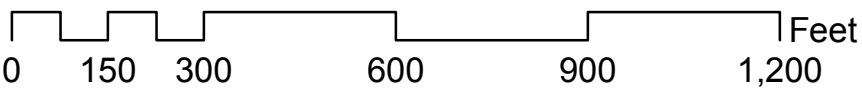


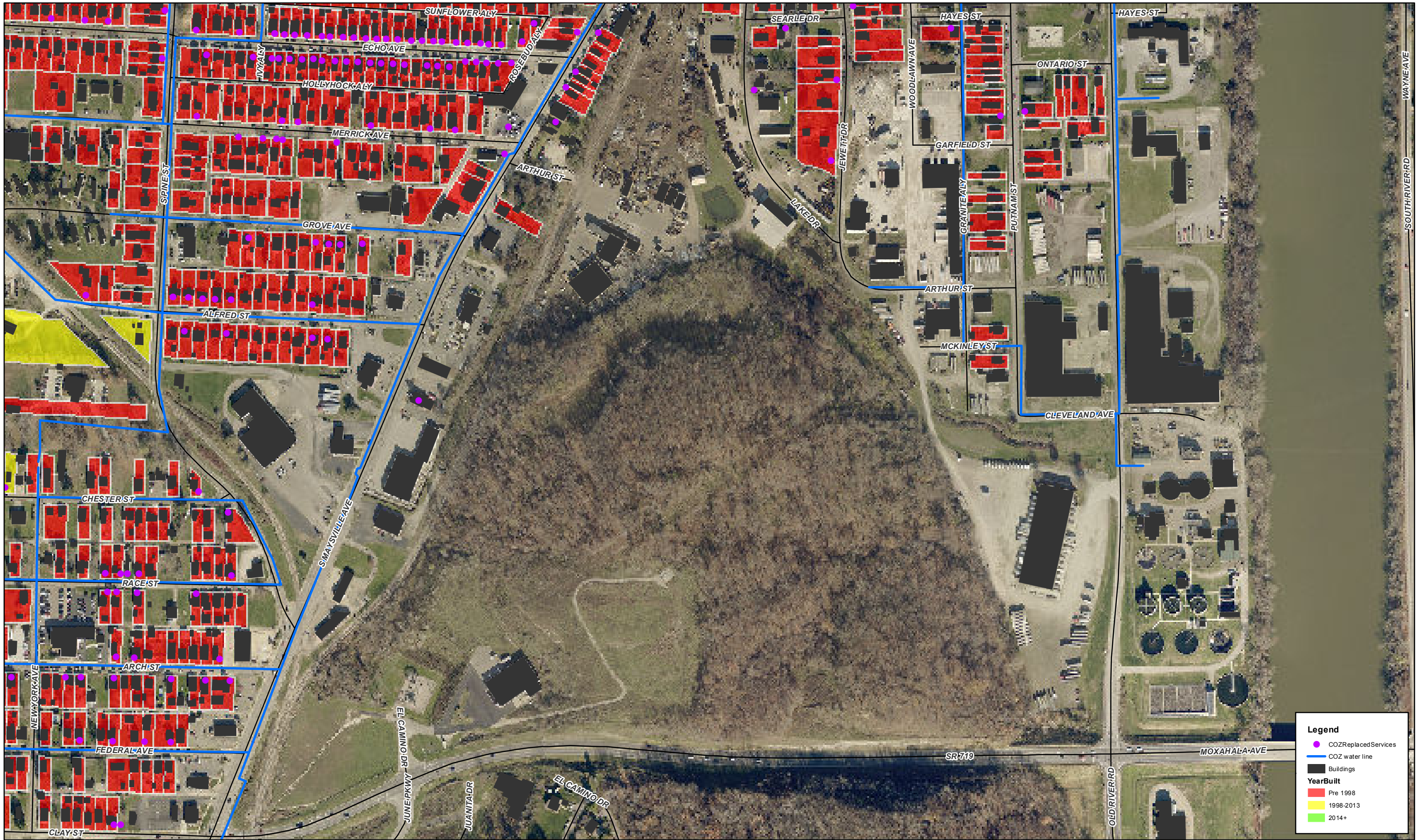


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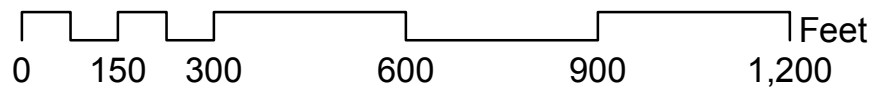
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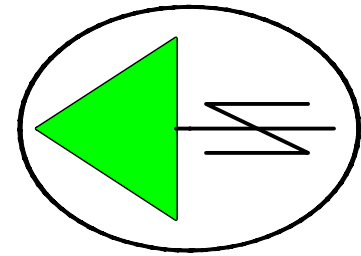
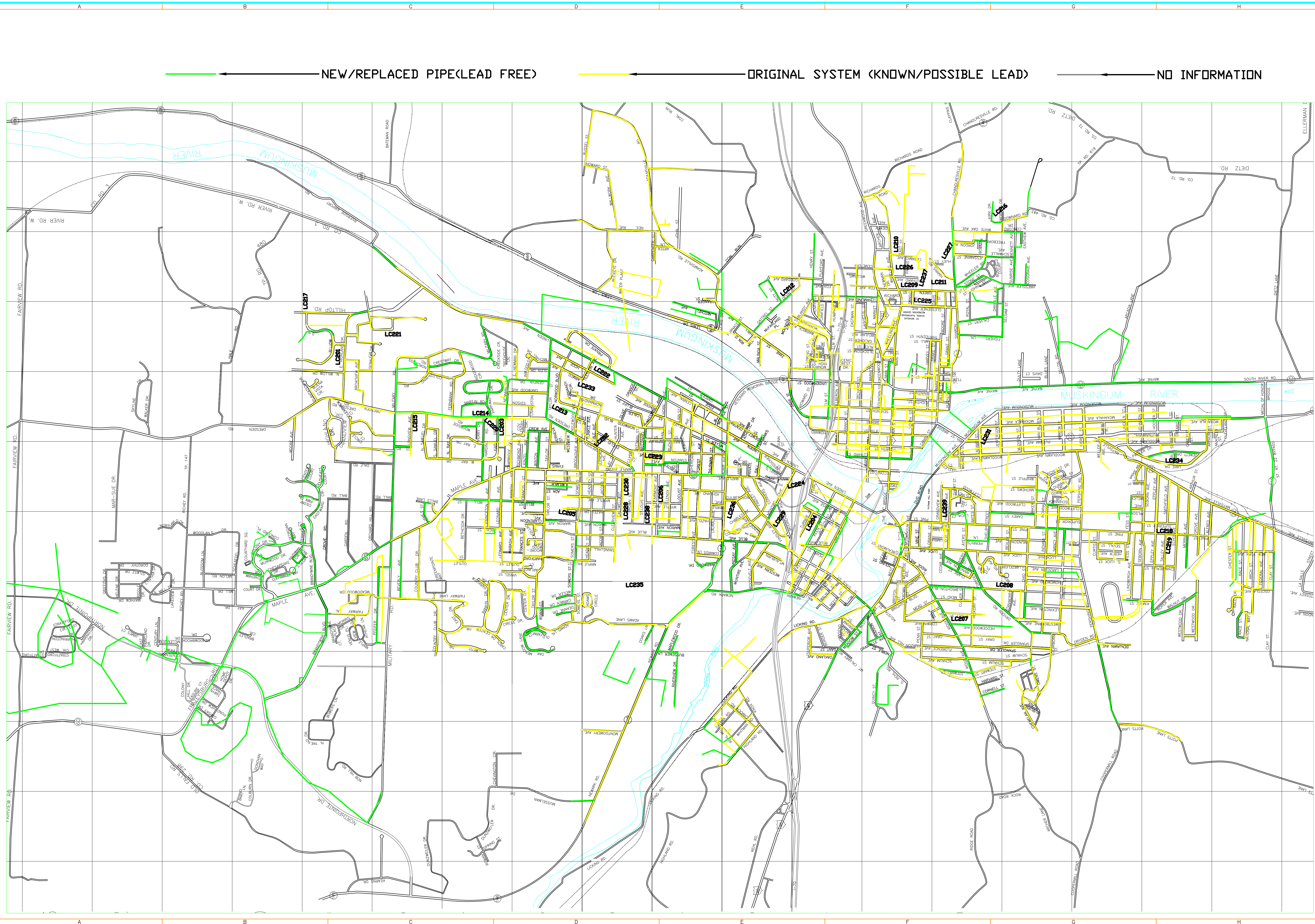
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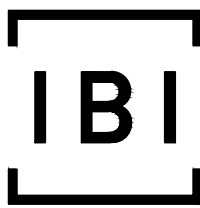
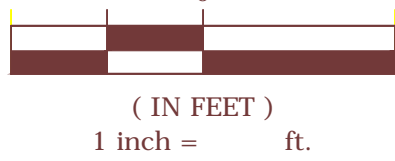
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GRAPHIC SCALE



IBI GROUP
5085 Tile Plant Road
New Lexington OH 43764 USA
tel 740 342 6695 fax 740 342 6697
ibigroup.com

SUBMISSION:

REVISION:

STAMP:

MUSKINGUM COUNTY, OHIO

CITY OF ZANESVILLE

PUBLIC WATER SYSTEM
LEAD SERVICE LOCATION MAP

DESIGN	DRAFT	CHECK

IBI GROUP NO.:

DATE: JANUARY 2017

SCALE:

HORIZONTAL:
VERTICAL:

SHEET TITLE:

SHEET NO.: