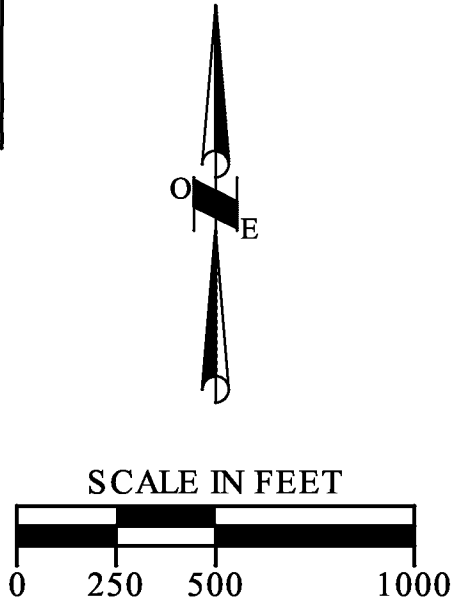


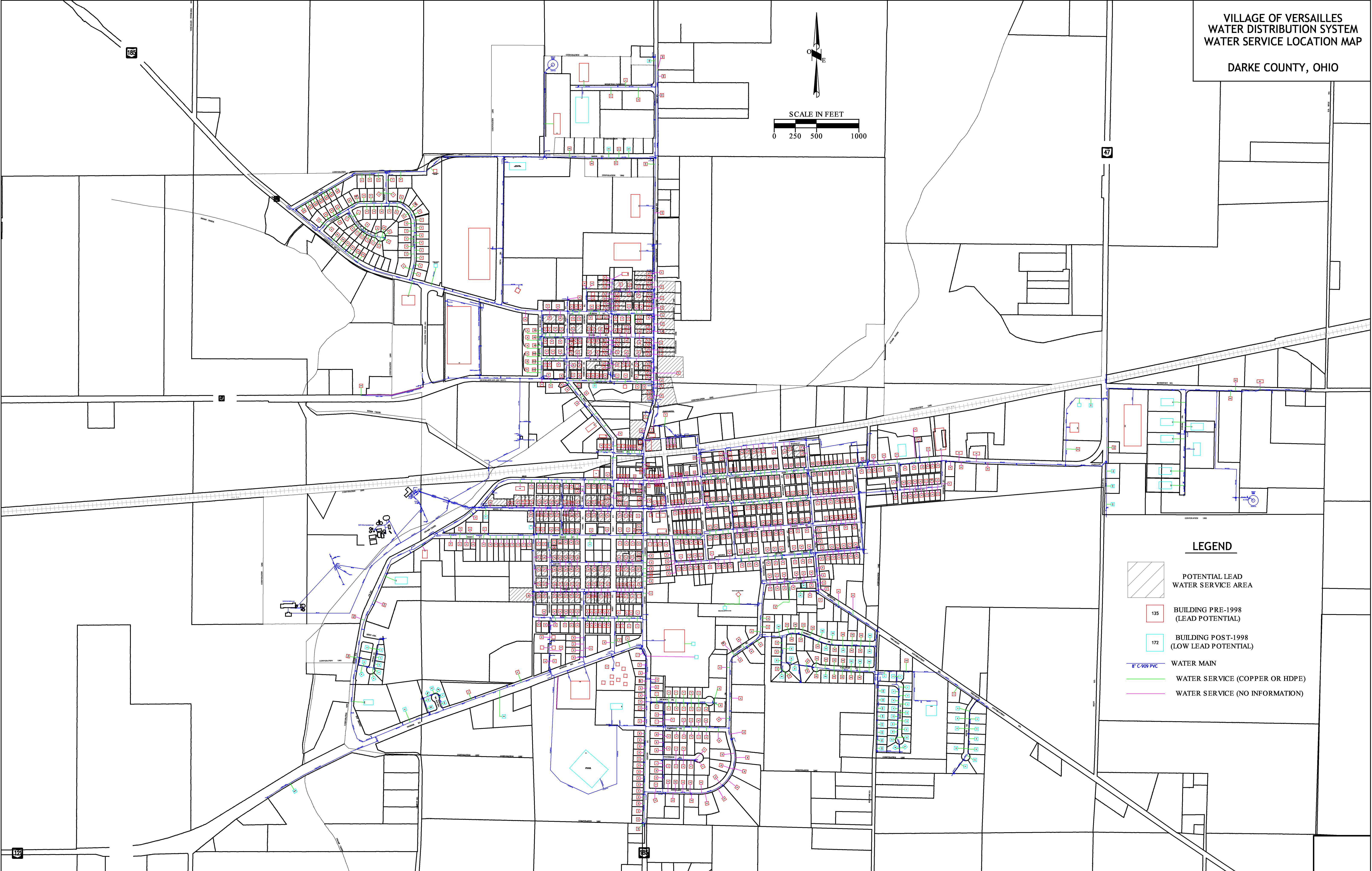
VILLAGE OF VERSAILLES
WATER DISTRIBUTION SYSTEM
WATER SERVICE LOCATION MAP

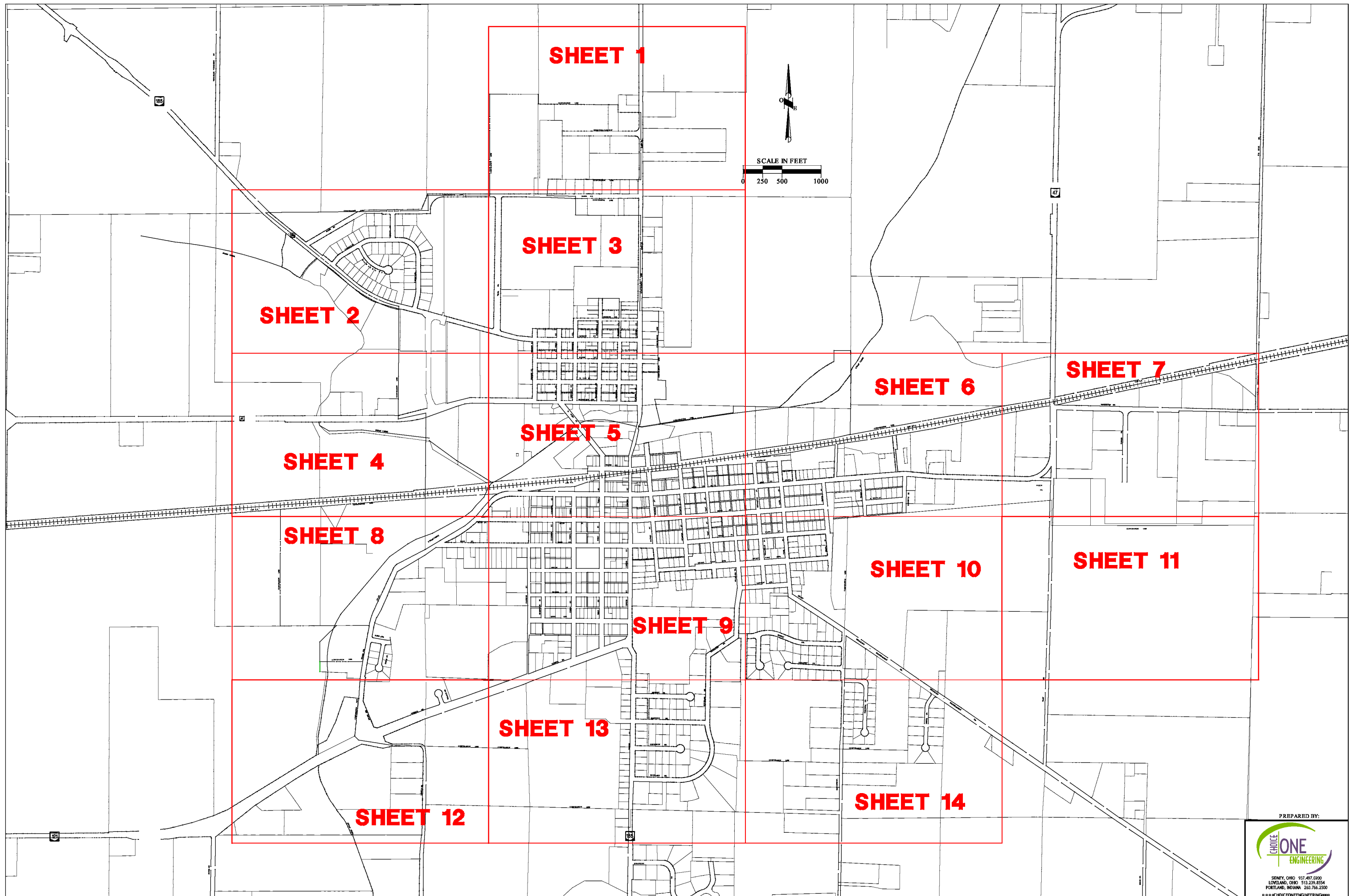
DARKE COUNTY, OHIO



LEGEND

- POTENTIAL LEAD
WATER SERVICE AREA
- 135 BUILDING PRE-1998
(LEAD POTENTIAL)
- 172 BUILDING POST-1998
(LOW LEAD POTENTIAL)
- 8" C-909 PVC WATER MAIN
- WATER SERVICE (COPPER OR HDPE)
- WATER SERVICE (NO INFORMATION)

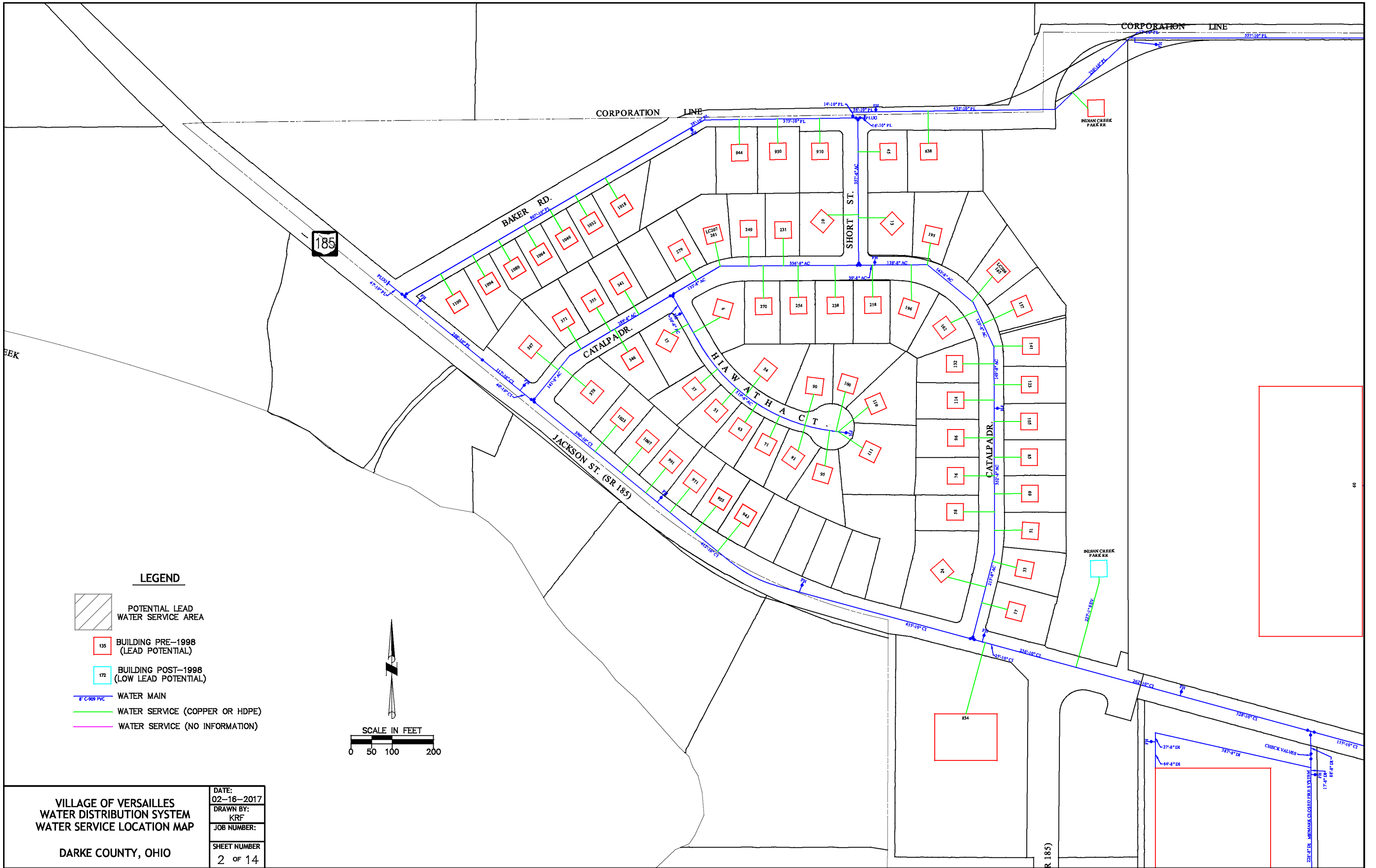


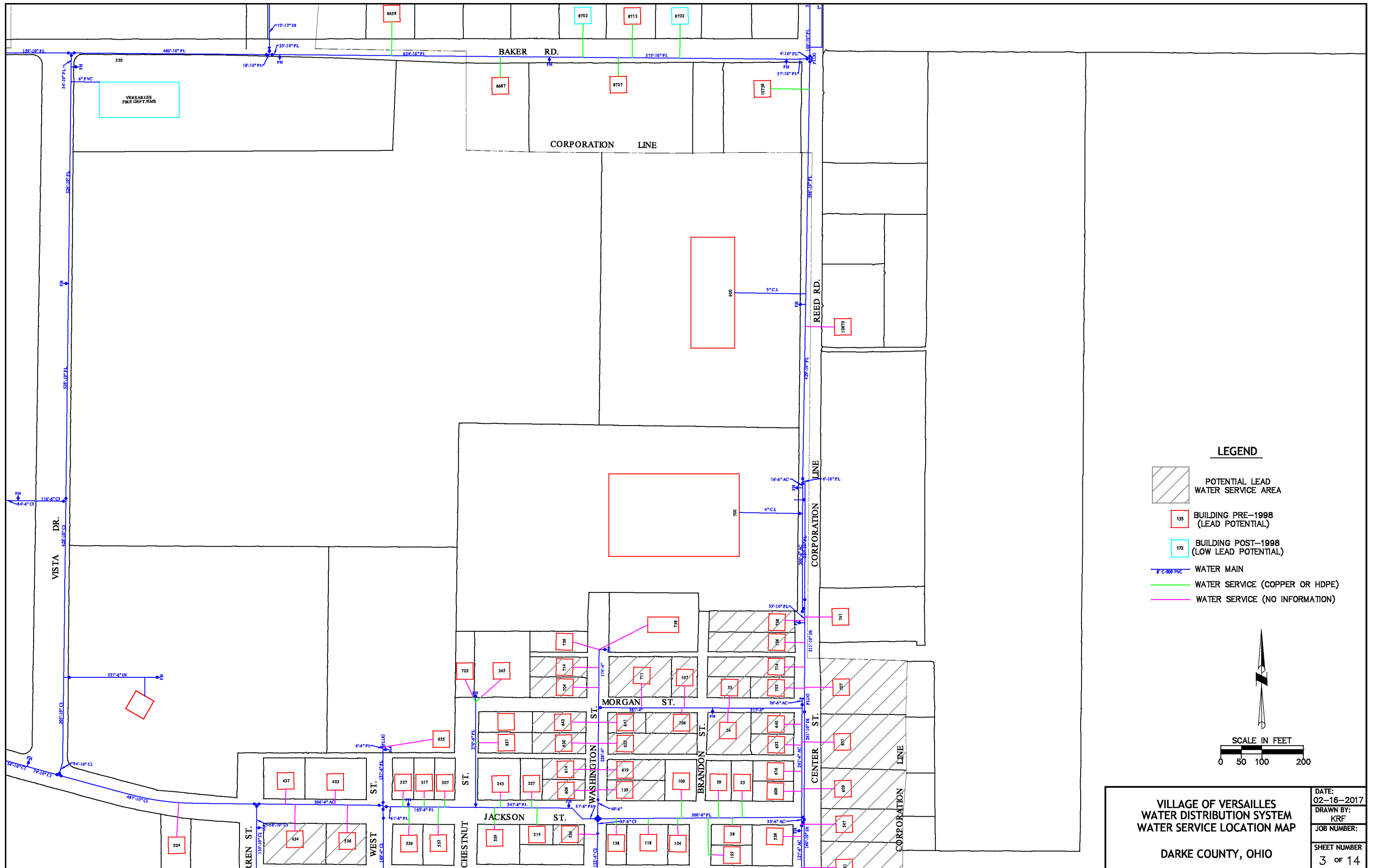


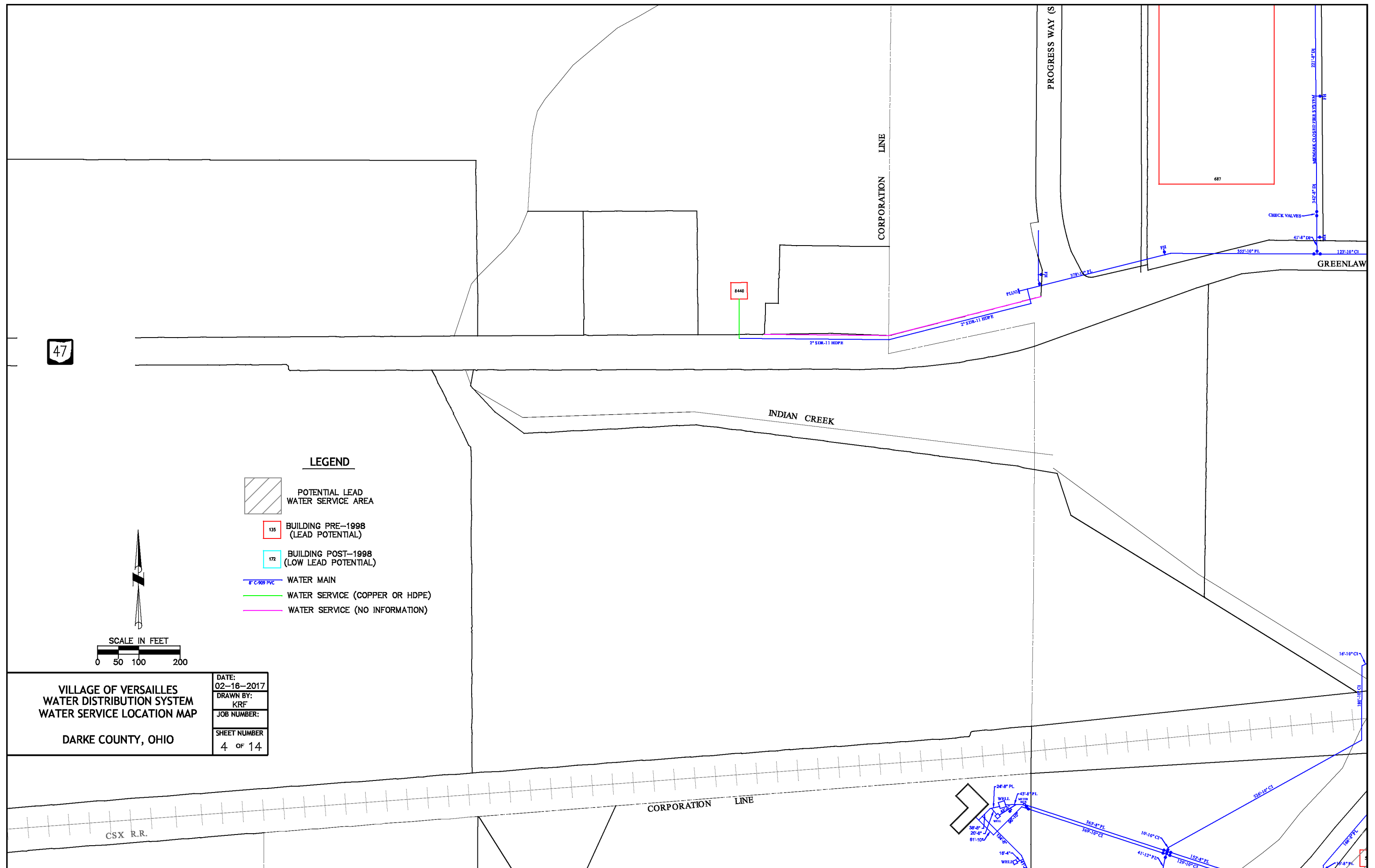
PREPARED BY:



SENEY, OHIO 937.497.0200
LOWLAND, OHIO 513.229.8554
PORTLAND, INDIANA 260.766.2500
© CHOICEONEENGINEERING





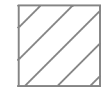


VILLAGE OF VERSAILLES
WATER DISTRIBUTION SYSTEM
WATER SERVICE LOCATION MAP

DARKE COUNTY, OHIO

DATE:
02-16-2017
DRAWN BY:
KRF
JOB NUMBER:
SHEET NUMBER
5 OF 14

LEGEND



POTENTIAL LEAD
WATER SERVICE AREA

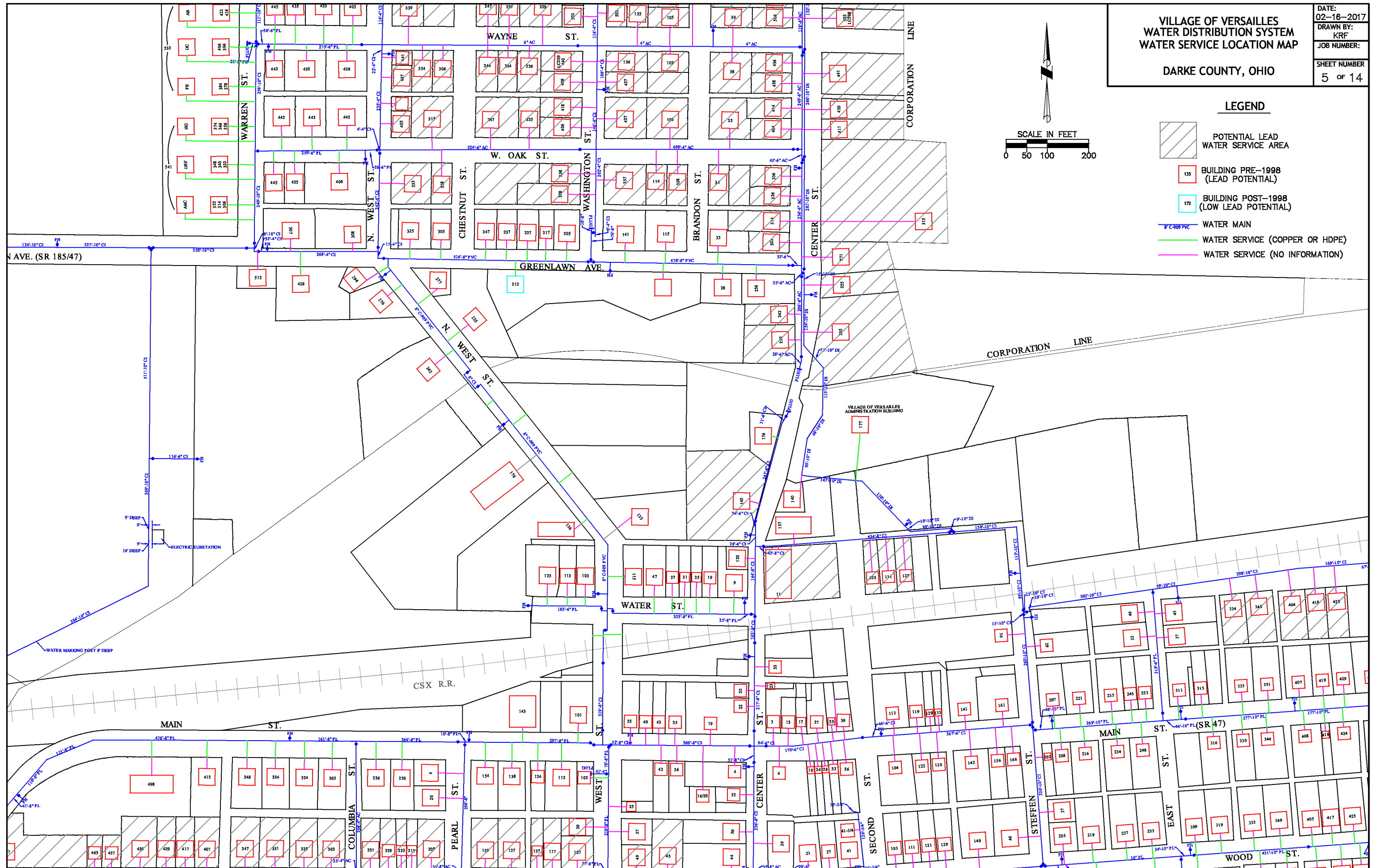
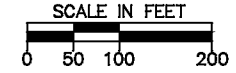
135 BUILDING PRE-1998
(LEAD POTENTIAL)

172 BUILDING POST-1998
(LOW LEAD POTENTIAL)

8" C-905 PVC WATER MAIN

WATER SERVICE (COPPER OR HDPE)

WATER SERVICE (NO INFORMATION)



DARKE COUNTY, OHIO

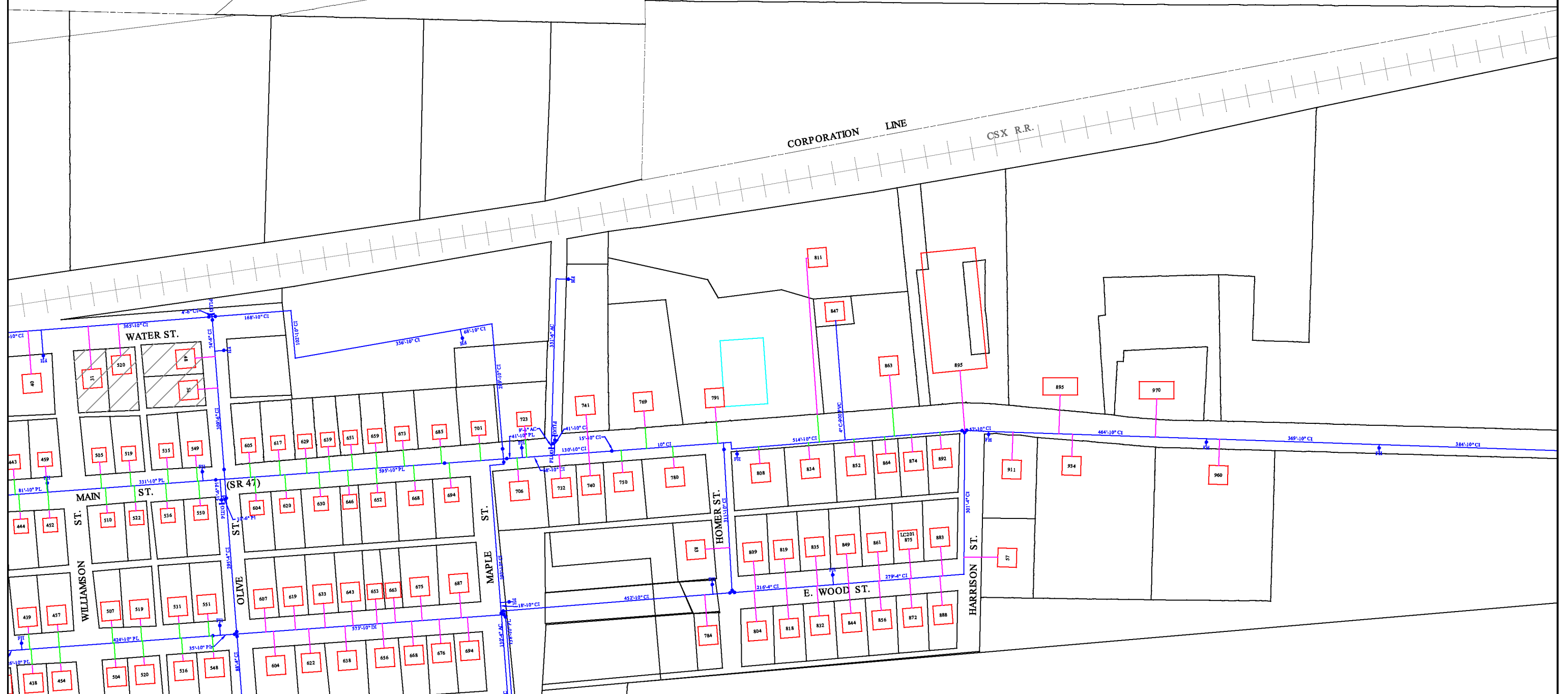
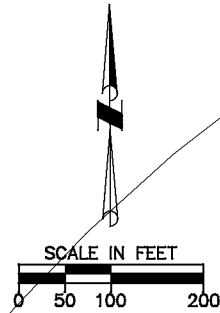
DATE:	02-16-2017
DRAWN BY:	KRF
JOB NUMBER:	
SHEET NUMBER	6 OF 14

POTENTIAL LEAD
WATER SERVICE AREA

135 BUILDING PRE-1998
(LEAD POTENTIAL)

172 BUILDING POST-1998
(LOW LEAD POTENTIAL)

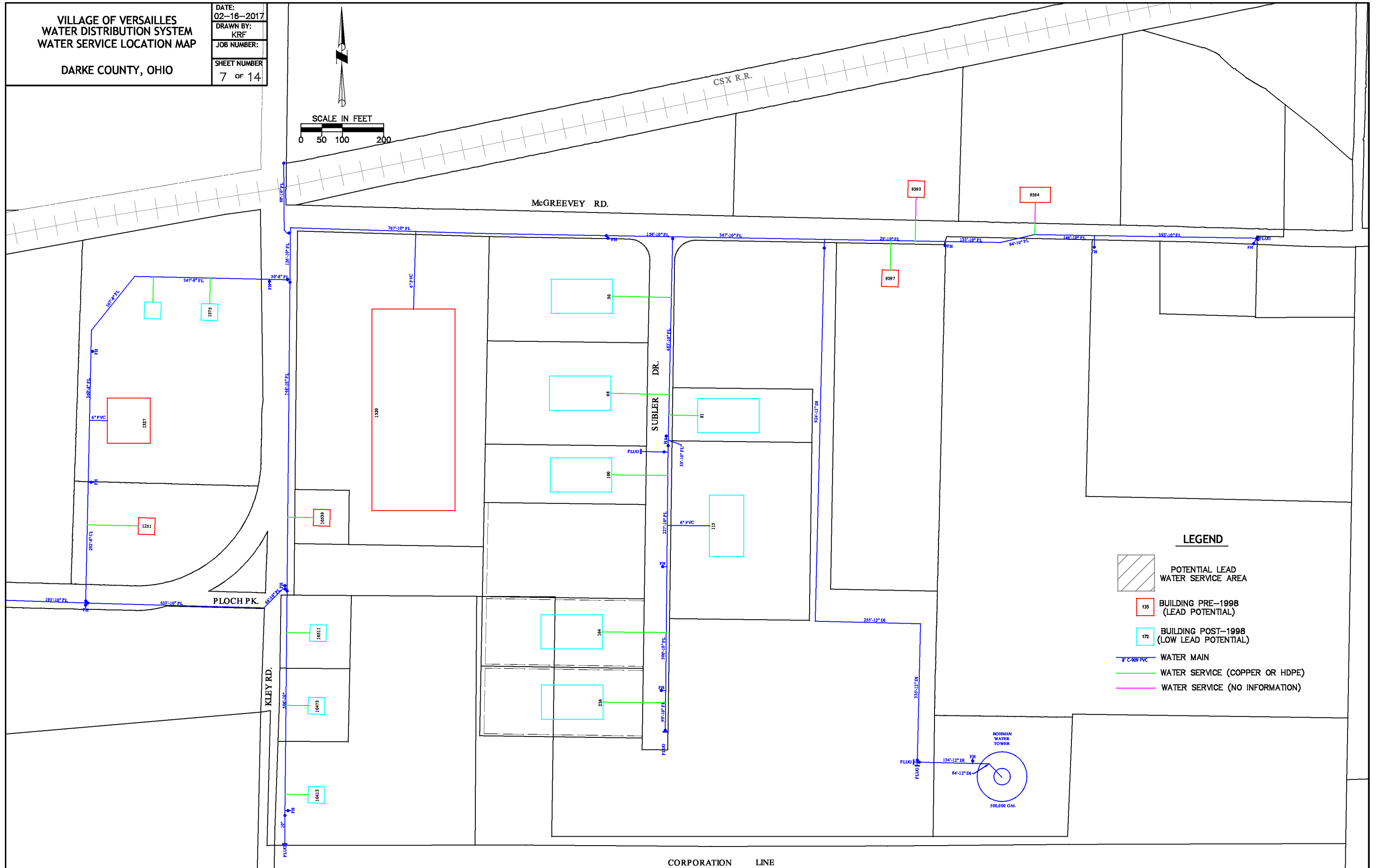
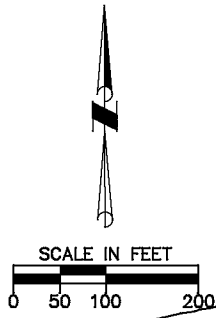
8" C-909 PVC WATER MAIN
WATER SERVICE (COPPER OR HDPE)
WATER SERVICE (NO INFORMATION)

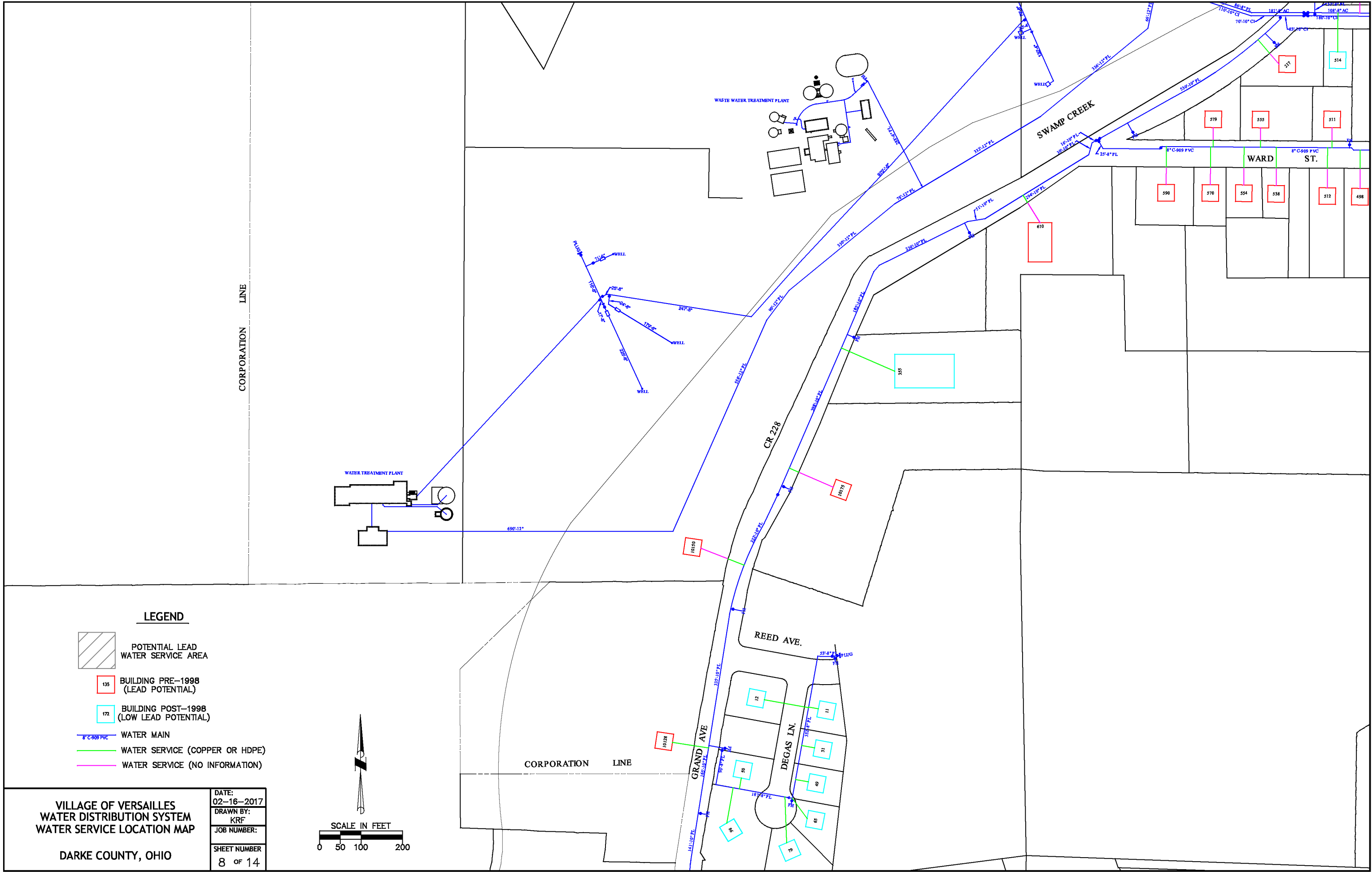


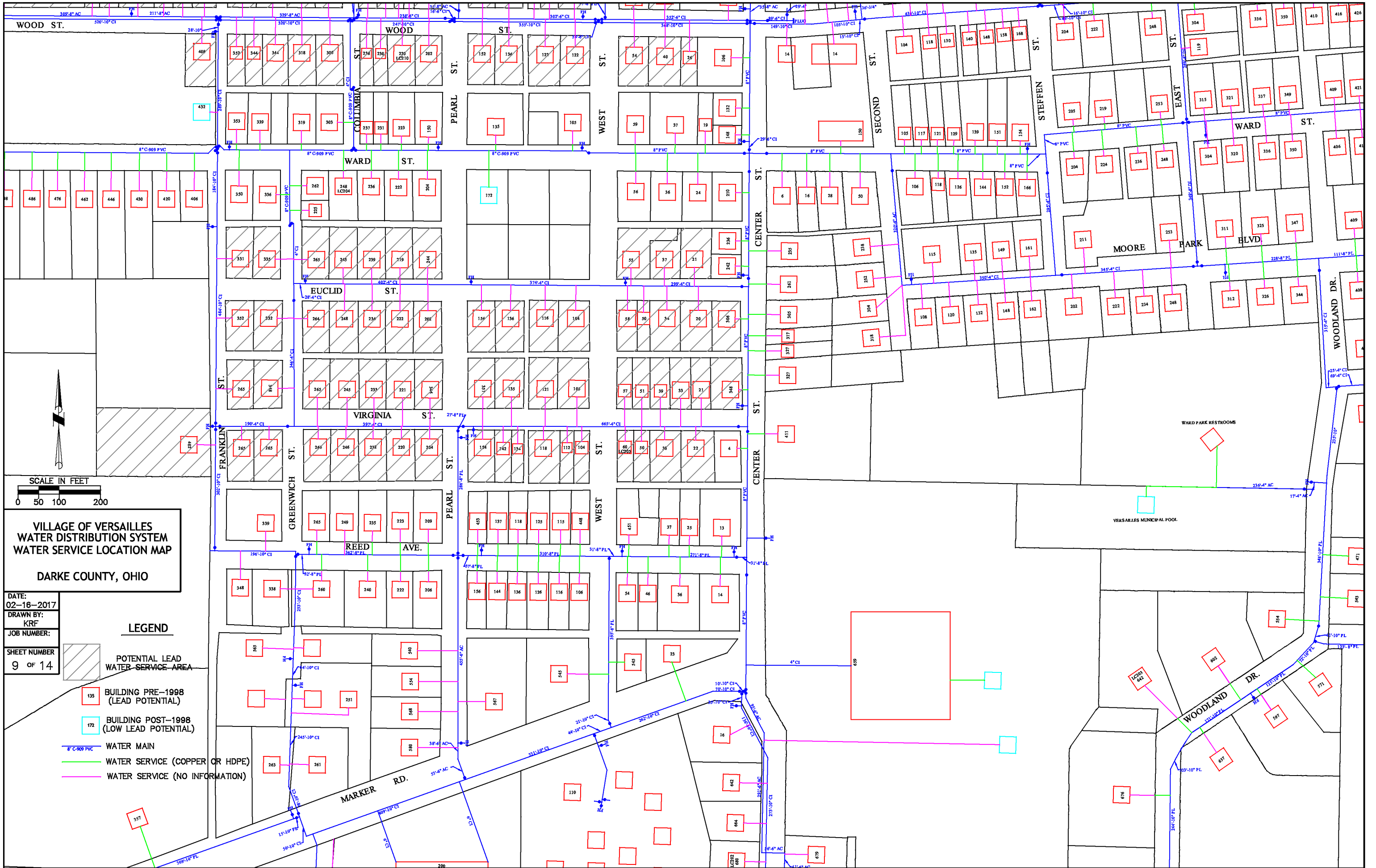
VILLAGE OF VERSAILLES WATER DISTRIBUTION SYSTEM WATER SERVICE LOCATION MAP

DARKE COUNTY, OHIO

DATE:	02-16-2017
DRAWN BY:	KRF
JOB NUMBER:	
SHEET NUMBER	7 OF 14





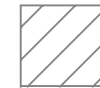


VILLAGE OF VERSAILLES
WATER DISTRIBUTION SYSTEM
WATER SERVICE LOCATION MAP

DARKE COUNTY, OHIO

DATE:
02-16-2017
DRAWN BY:
KRF
JOB NUMBER:
SHEET NUMBER
10 OF 14

LEGEND



POTENTIAL LEAD
WATER SERVICE AREA

135

BUILDING PRE-1998
(LEAD POTENTIAL)

172

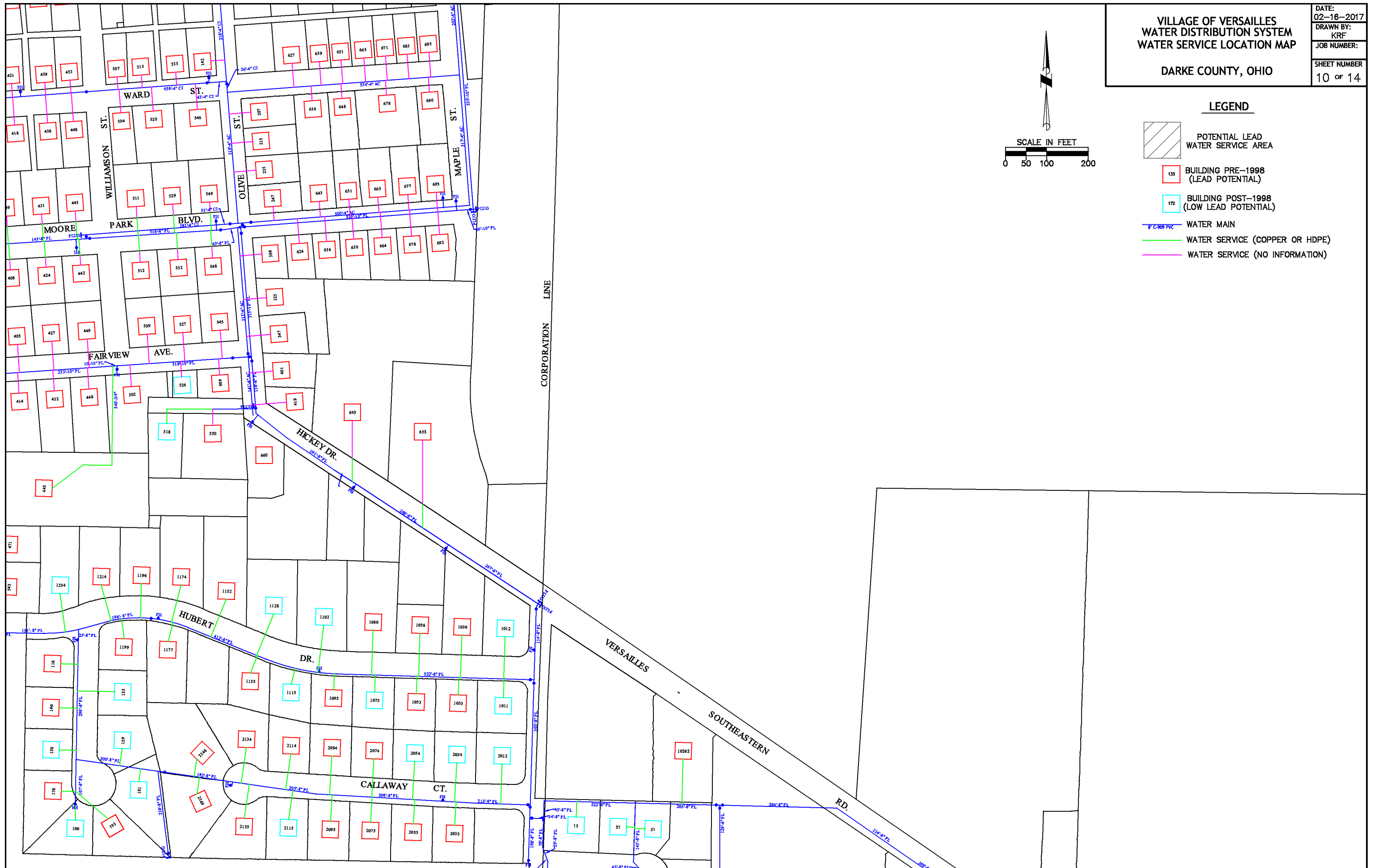
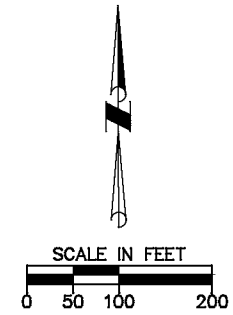
BUILDING POST-1998
(LOW LEAD POTENTIAL)

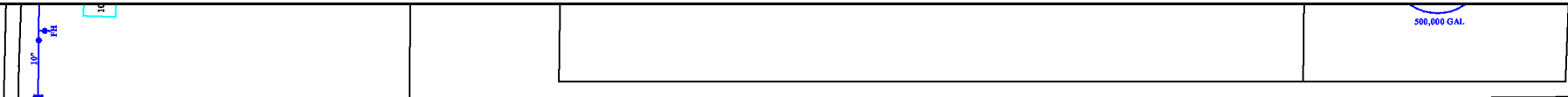
8" C-909 PVC

WATER MAIN

WATER SERVICE (COPPER OR HDPE)

WATER SERVICE (NO INFORMATION)





CORPORATION LINE

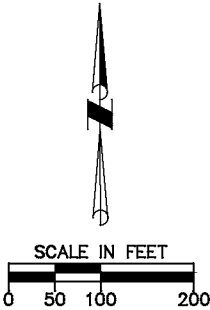
LEGEND

POTENTIAL LEAD
WATER SERVICE AREA

135 BUILDING PRE-1998
(LEAD POTENTIAL)

172 BUILDING POST-1998
(LOW LEAD POTENTIAL)

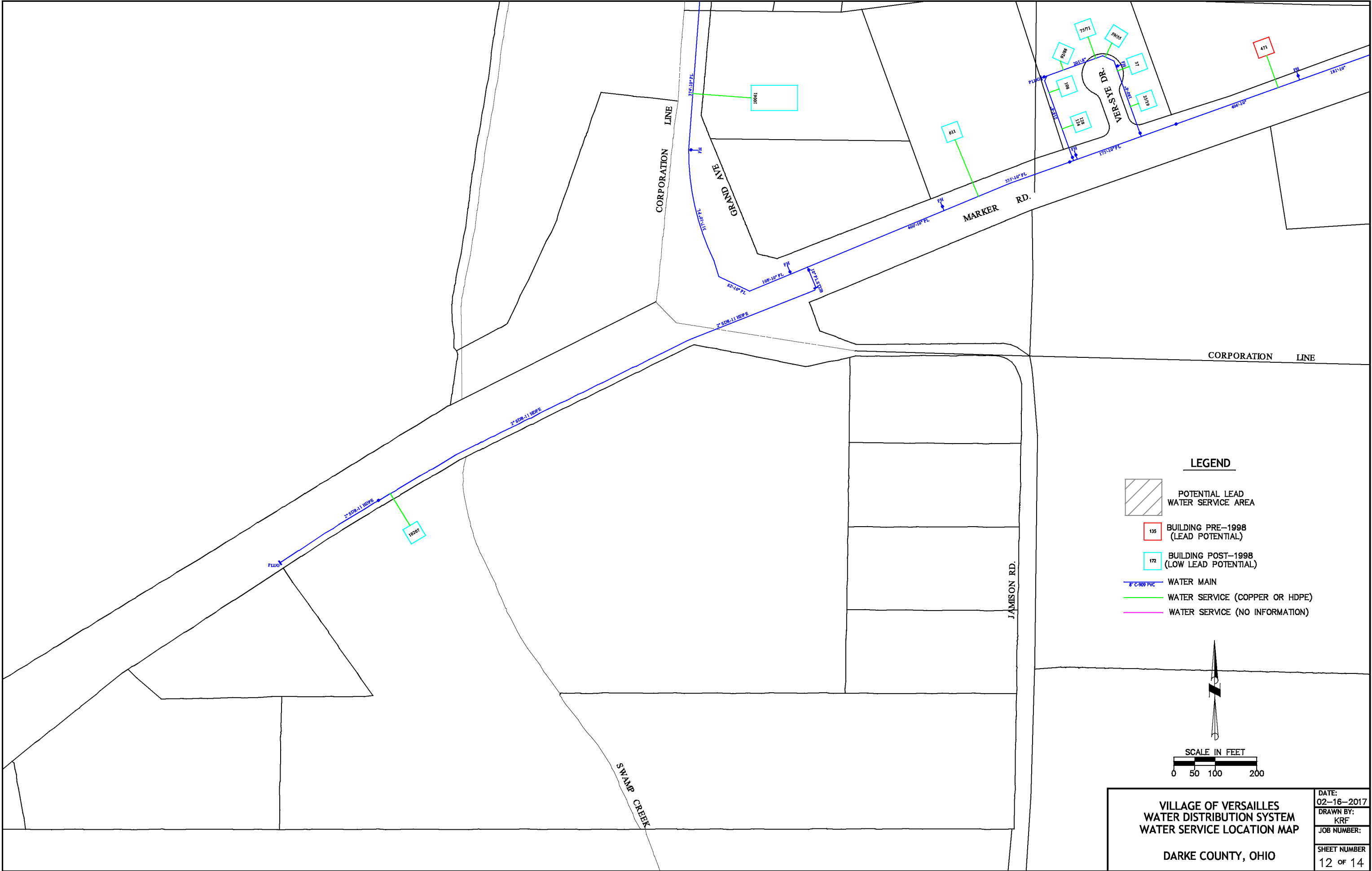
8" C-909 PVC WATER MAIN
WATER SERVICE (COPPER OR HDPE)
WATER SERVICE (NO INFORMATION)



VILLAGE OF VERSAILLES
WATER DISTRIBUTION SYSTEM
WATER SERVICE LOCATION MAP

DARKE COUNTY, OHIO

DATE:	02-16-2017
DRAWN BY:	KRF
JOB NUMBER:	
SHEET NUMBER	11 OF 14



LEGEND



POTENTIAL LEAD
WATER SERVICE AREA

135

BUILDING PRE-1998
(LEAD POTENTIAL)

172

BUILDING POST-1998
(LOW LEAD POTENTIAL)



WATER MAIN



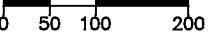
WATER SERVICE (COPPER OR HDPE)



WATER SERVICE (NO INFORMATION)



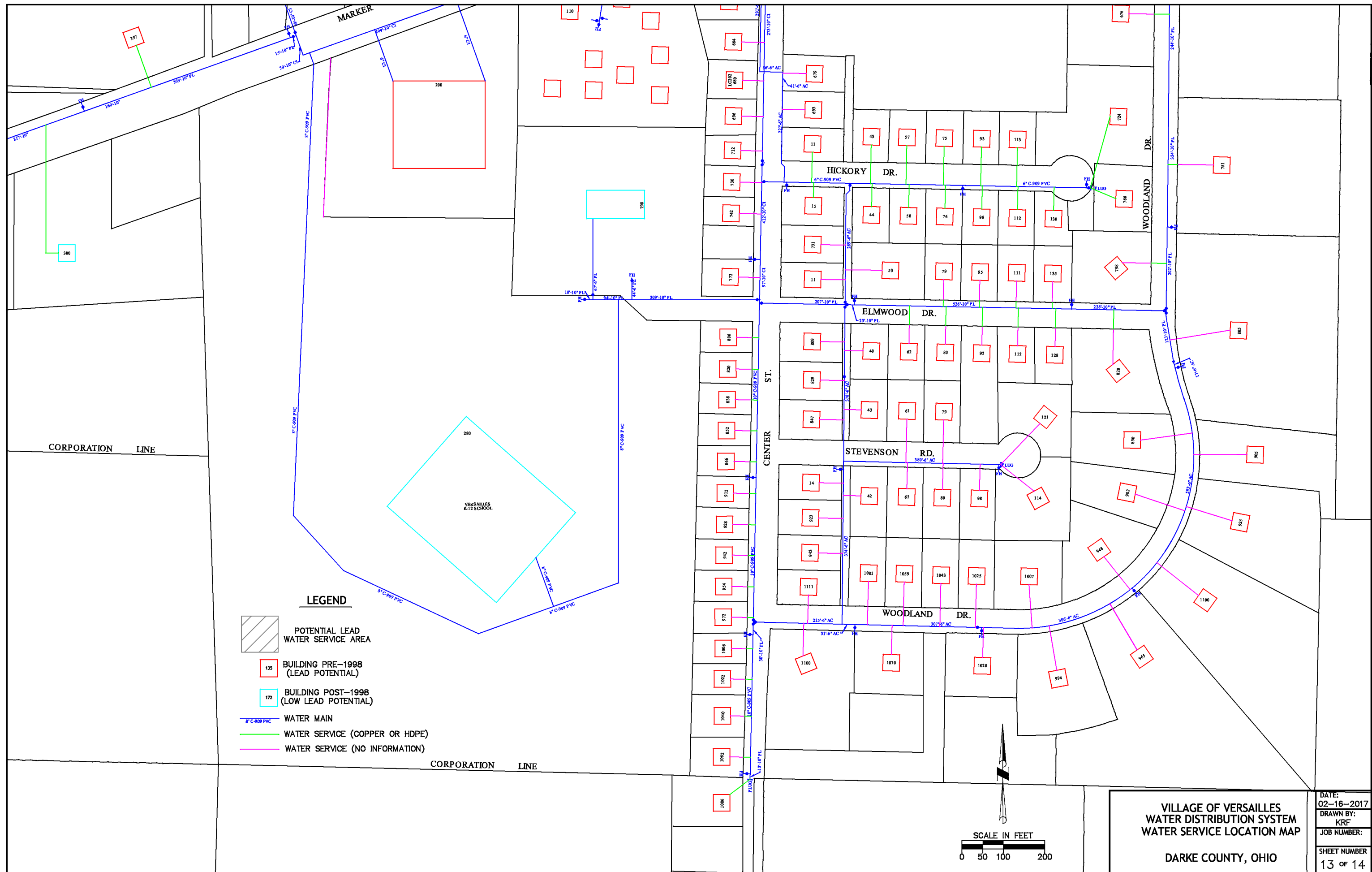
SCALE IN FEET

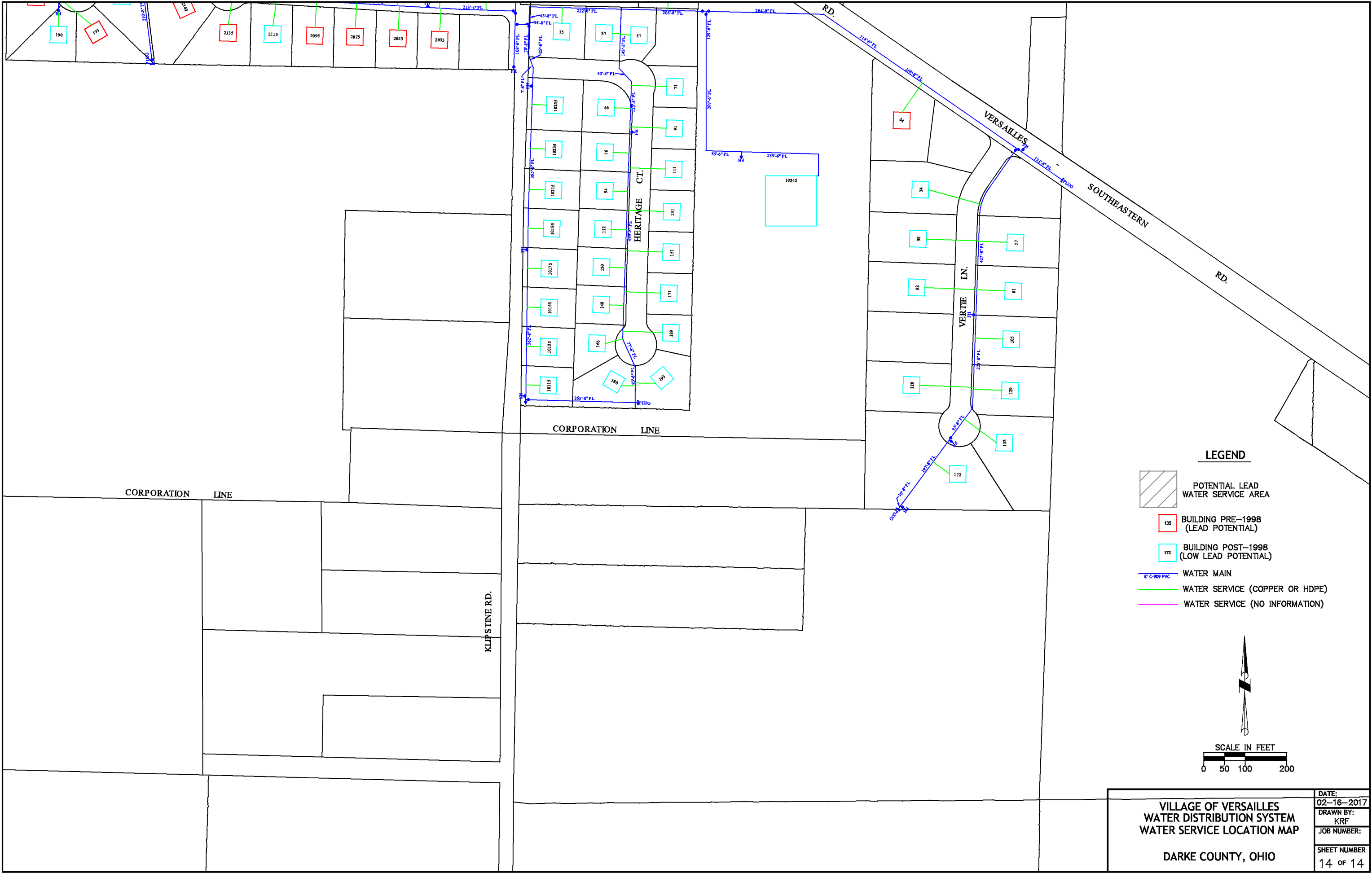


VILLAGE OF VERSAILLES
WATER DISTRIBUTION SYSTEM
WATER SERVICE LOCATION MAP

DARKE COUNTY, OHIO

DATE:
02-16-2017
DRAWN BY:
KRF
JOB NUMBER:
SHEET NUMBER
12 OF 14







February 20, 2017

Southwest District Office
Ohio EPA
Attn: Mark Verbsky, R.S.
401 E. Fifth St.
Dayton, OH 45402

Re:
Versailles Village PWS
Water Service Distribution Map
Ground Water
Darke County
OH1901312

Subject: Lead Mapping in Distribution Systems - Narrative

Dear Mr. Verbsky,

Included in the attached documents you will find all requested documents information pertaining to House Bill 512, 6109.121 Ohio Revised Code (ORC) which requires mapping of water services known or likely to contain lead. The information provided is as requested by the Ohio Environmental Protection Agency's "Guidelines for Lead Mapping in Distribution Systems" document dated January 6th, 2017.

Prior to the requirement for the mapping of water services by the State of Ohio and the Ohio EPA, the Village of Versailles did not have any maps or records for water services that serve residents and businesses throughout the system. The Village has not kept tap records for water service locations, materials, or installation dates. Prior to December 9th, 2016 when Village Ordinance No. 16-43 took effect the individual customers owned and were responsible for the water service line from the water main to the house entirely. With the introduction of Ordinance No. 16-43, the Village now owns the service line from the water main to the right-of-way line. The customer owns and is responsible for the water service line from the right-of-way line to the structure.

The water service locations shown on the provided maps are for representative purposes only. Due to the tight time restraints in providing the requested mapping documents and information, it was not possible to locate accurately all of the water service locations for mapping purposes in order to meet the submission date. The Village is currently implementing a GIS mapping system of all water, sanitary sewer, and storm sewer infrastructure assets. Water service locations are currently being collected by Village personnel with a GPS unit to be included in the GIS system. It is likely that more accurate maps for water service locations and material information will be available within the next year.

The provided water service maps show a color coded scheme for the water service type with relation to whether the pipe material is "non-lead" or if "no information" is available. The Village of Versailles standard water service material has been copper with brass compression or flared fittings since at least the 1960's according to past construction documents and what has been observed by Village personnel working on the water system. For approximately the past ten years, high-density polyethelene (HDPE) water service material has been utilized in place of copper, and is now the water service material of choice for replacements and new installations. According to the Village Solicitor, the Village does not have a past ordinance prohibiting the use of lead piping, including that of water service material. Plumbing inspections for structures inside of the Village of Versailles are governed by the Darke County Plumbing Inspector from the Darke County Health Department.

The water service map shows "non-lead" water service material for all locations where the timeframe for development is after 1970 or if we have record from past construction/record drawings. When a street has been reconstructed, including water main replacement, it has been the Village's standard practice to replace each water service from the main to the right-of-way line for each water customer. If water mains on a street are either ductile iron or PVC, we know that copper has been used as these materials were not used in the Village until the late 1970's to early 1980's. If mains are transite (asbestos-concrete) or cast iron, services are typically shown on the maps as "no information" as these are the oldest mains in town with little to no records. The majority of the services that have been worked on that are connected to transite are typically copper, but we cannot definitively make that claim as there are not enough records available.

With regards to the structures served by the Village of Versailles public water system, a box representing the structure outline is shown on the maps for each property served. These boxes are color coded to correspond to when the State of Ohio Plumbing Code changed in 1998 as outlined in the "Guidelines for Lead Mapping in Distribution Systems" document from the Ohio EPA. Structures built prior to the plumbing code change in 1998 may potentially contain lead piping, lead flux, or lead fixtures are shown in red. Structures built after 1998 are shown in a cyan color and have a lower lead potential. In addition, areas of the distribution system where the likelihood of lead fixtures, lead piping, and water service lines in public right-of-way, or on private property are the highest have been overlaid with a gray diagonal hatch pattern. These areas are shown primarily in the oldest sections of town which include the Southwest portion of the Village, the North central portion of the Village, and a small fringe of customer locations along E. Water St. near the CSX railroad. These hatched areas not only have the oldest structures, but are likely still on the original water distribution mains and services.

In addition, on the provided water service maps are the ten lead and copper Tier 1 sampling sites with their corresponding SMP ID's shown inside of the structure outline. Included with this letter is a listing of all lead and copper sampling sites, addresses, and owner/customer contact information.

If any additional information is needed with regards to the provided water service maps, the above narrative, or Tier 1 lead and copper testing locations, please feel free to contact me at (937) 526-3294 x202 or kylefrancis@versaillesohio.cc.

Respectfully,



Kyle R. Francis
Utilities Superintendent
Village of Versailles

KRF/krf

Enclosures

cc: Tim Wehrkamp, Water & Wastewater Plant Manager (Class III Water Operator)
Brian Gehret, Street Foreman (Class I Water Operator)
Ohio Department of Health (ODH)
Ohio Department of Job and Family Services (ODJFS), Office of Family Assistance