

Village of Rayland
195 Main St. Rayland, OH 43943
(740) 859-6278



February 26, 2017

OEPA
Southeast Dist. Office
2195 Front St.
Logan, OH 43138

To Whom it may concern:

The Village of Rayland PWS (OH 4101803) installed new waterlines in the community in 2009, replacing old lines with new 4"-8" C900 PVC throughout the distribution system.

The work was performed by Littman Excavating under the direction of Vaughn, Coast, and Vaughn Inc. (Engineers).

During installation, no record of any existing lead service lines was noted. Verification was established when installing new service connections from water mains to curb stops at each residence.

Buildings in Ohio built prior to 1998 or that use plumbing material or solder manufactured before 1998 may have materials with greater than 8% lead and are at a higher risk of contributing lead to the drinking water than material manufactured after 1998. In addition, buildings built and plumbing materials manufactured after 2014 were required to have less than 0.25% lead by weight and have the lowest risk for contributing lead to the drinking water. It should be noted however that although prohibited, some use of leaded solder or leaded components may have occurred after the prohibitions became effective.

Sincerely,

Craig Harris, Operator of Record



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GENERAL MAPPING

	GAS LINE
	HIGH PRESSURE GAS LINE
	SANITARY SEWER
	SEWAGE FORCE MAIN
	WATER LINE
	WATER SERVICE, WITH CURB STOP FOUND
	WATER SERVICE, NO CURB STOP FOUND
	BURIED TELEPHONE CABLE
	FIBER OPTIC CABLE
	OVER HEAD ELECTRIC
	BURIED ELECTRIC
	GUARDRAIL
	ROAD RIGHT OF WAY
	FENCE LINE
	PROPERTY LINE
	EASEMENT DESIGNATION W/ NUMBER (SEE EASEMENT SCHEDULE)

EXISTING UTILITIES

- ### WATER MAIN NOTES
- 1) PROVIDE WARNING TAPE AT 18" DEPTH
 - 2) REPLACEMENTS-DIMENSION SHOWS BEGINNING OF REPLACEMENT READ FROM LEFT TO RIGHT UNLESS OTHERWISE NOTED.
 - 3) WATER MAIN SHALL GO OVER SEWERS W/18" MIN. CLEARANCE.
 - 4) MAINTAIN 10' MIN. SEPARATION BETWEEN NEW WATER MAIN AND EXISTING SEWER.
 - 5) WATER MAINS SHALL HAVE 48" MIN. COVER UNLESS OTHERWISE NOTED OR DETAILED ON DWGS.
 - 6) RESTORE ALL DITCH LINES DISTURBED DURING CONSTRUCTION TO ORIGINAL STATE.
 - 7) CONTRACTOR IS RESPONSIBLE FOR PRESSURE TESTING AND DISINFECTING THE WATER MAINS IN ACCORDANCE WITH AWWA C-600(D.I.), C-605(PVC) AND C-651 RESPECTIVELY.
 - 8) ALL VALVES AND FITTINGS SHALL BE EPOXY COATED AND RESTRAINED WITH MEGALUG RESTRAINING GLANDS AND CONC. THRUST BLOCKING.
 - 9) NO SERVICE CONNECTION WILL BE PROVIDED TO A CUSTOMER IF THEY HAVE AN AUXILIARY WATER SYSTEM.
 - 10) NO PRIVATE RESIDENTIAL BOOSTER PUMPS WILL BE PERMITTED IN A CUSTOMERS RESIDENCE PLUMBING SYSTEM.
 - 11) NO RESIDENCE WILL BE SERVED UNLESS A MINIMUM OPERATING PRESSURE OF 35psi CAN BE PROVIDED.
 - 12) REMOVE/REINSTALL MAIL AND NEWSPAPER BOXES, SIGNS, AND UTILITY APPURTENANCES WHICH INTERFERE WITH WATER MAIN CONSTRUCTION; RE-INSTALLATION SHALL BE COMPLETED BEFORE CONCLUSION OF DAILY ACTIVITIES.
 - 13) GO AROUND OR UNDER ALL CULVERTS UNLESS OTHERWISE NOTED.
 - 14) WHEN BRICK MAIN STREET AT SIDE STREET APRONS ARE CUT TO INSTALL NEW WATER MAIN, ALL BRICKS SHALL BE SALVAGED FOR VILLAGE.

WATER MAIN LENGTHS AND MATERIALS

LINE 1:	875LF-8" PC235 PVC DR18 AWWA C900
LINE 2:	700LF-10" IPS WPR200 HDPE DR9 AWWA C906 INSTALLED BY DIRECTIONAL BORING METHODS
LINE 3:	1,850LF-8" PC235 PVC DR18 AWWA C900
LINE 4:	50LF-6" PC235 PVC DR18 AWWA C900
LINE 5:	70LF-4" IPS WPR200 HDPE DR9 AWWA C906
LINE 6:	400LF-6" PC235 PVC DR18 AWWA C900
LINE 7:	245LF-8" PC235 PVC DR18 AWWA C900
LINE 8:	415LF-8" PC235 PVC DR18 AWWA C900
LINE 9:	240LF-8" IPS WPR200 HDPE DR9 AWWA C906
LINE 10:	120LF-8" IPS WPR200 HDPE DR9 AWWA C906 INSTALLED BY DIRECTIONAL BORING METHODS
LINE 11:	540LF-8" IPS WPR200 HDPE DR9 AWWA C906
LINE 12:	1,170LF-8" PC235 PVC DR18 AWWA C900
LINE 13:	250LF-8" IPS WPR200 HDPE DR9 AWWA C906
LINE 14:	380LF-8" PC235 PVC DR18 AWWA C900
LINE 15:	300LF-8" IPS WPR200 HDPE DR9 AWWA C906
LINE 16:	90LF-4" IPS WPR200 HDPE DR9 AWWA C906
LINE 17:	160LF-6" PC235 PVC DR18 AWWA C900

PIPE CLASSIFICATION TABLE

DESCRIPTION	SPECIFICATION
PC350 D.I.	AWWA C151
PC235 PVC DR18	AWWA C900
PC305 PVC DR14	AWWA C900
WPR200 HDPE DR9	AWWA C906

LINE DRAWINGS

	LINE 1	WATER MAIN
	60V	VALVE
	FO	FLUSHOUT ASSEMBLY
	FH	FIRE HYDRANT
	AR	AIR RELEASE
	CS	NEW CURB STOP
		STL CASING
	1-1	CUSTOMER TO BE RECONNECTED

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN. SERVICE LINES TO STRUCTURES NOT SHOWN.

UNDERGROUND UTILITIES

TWO WORKING DAYS
BEFORE YOU DIG

Call 800-362-2764 (Toll Free)
OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

OHIO Utilities Protection SERVICE
Call Before You Dig

RECORD DRAWING 01/10

<table border="1" style="width: 100%;"> <thead> <tr><th>NO.</th><th>DATE</th><th>REVISION</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	REVISION							<table border="1" style="width: 100%;"> <tr><td>DRAWN BY: DAVID STEWART</td></tr> <tr><td>CHECKED BY: JEFFREY A. VAUGHN</td></tr> </table>	DRAWN BY: DAVID STEWART	CHECKED BY: JEFFREY A. VAUGHN	<p style="font-size: small;">VAUGHN, COAST & VAUGHN, INC. 2079 Marietta Street Coville, Ohio 43950 740-695-7256 Fax: 740-695-2203</p>	<p style="text-align: center;">VILLAGE OF RAYLAND Water Main Replacements Jefferson County, Ohio</p>	<p style="text-align: center;">WATER MAIN REPLACEMENTS INDEX MAP AND STANDARD SYMBOLS</p>	<table border="1" style="width: 100%;"> <tr><td>SCALE: 1"=200' (22'x34')</td><td>PROJECT NO. 08009</td></tr> <tr><td>1"=400' (11'x17')</td><td>DRAWING NO. B</td></tr> <tr><td>DATE: JUNE 2009</td><td> </td></tr> </table>	SCALE: 1"=200' (22'x34')	PROJECT NO. 08009	1"=400' (11'x17')	DRAWING NO. B	DATE: JUNE 2009	
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