



PRECISION FOUNDATION SERVICE, INC.
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MPL#39911

Taylor Everett, Inspector
December 1st, 2021

RE: 1907 Nocturne Lane
Houston, TX 77043

General Info: An underground sewer inspection was performed at 1907 Nocturne Lane Houston, TX 77043. This home was built in 1963. This sewer system consists of 2 full baths and 1 half bath, kitchen sink and washing machine. The purpose of the inspection was to determine the condition of the existing underground sewer system. Please note that when performing a camera inspection, not all drain lines will be accessible with the camera. Camera did not access all lines shown on attached drawing.

Hydrostatic Test: A test ball was inserted into the new cleanout located at the rear of the home. We removed the toilet in bath number one to monitor the water level. After 25 minutes attempting to fill the system, we were unable to fill the system to slab level, indicating that a significant leak or leaks exists.

Camera Inspection:

Under slab lines: The under-slab lines that were accessed with the camera are the original cast iron lines that show significant signs of corrosion and deterioration, typical for a system this age. The interior lining of the pipe was flaking off in two locations (see drawing/photos). The camera did not access all lines shown on the drawing.

Exterior Main line: The exterior mainline that was accessed with the camera is the original concrete line. No significant breaks, bellies or separations were seen in the exterior main line.

Recommendations: Due to the failing hydrostatic test, poor condition of the original cast iron and knowing that cast iron systems of this age are considered to be at the end of their serviceable life, replacement is recommended. A formal estimate will be sent in a separate email.

Please contact our office at (713) 973-0114 if you have any questions.

Thank you.

Trey Everett

