



SEWER CCTV VIDEO REPORT
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JOB # 030921-4
Date: March 10, 2021

| VIDEO TECH | JOB ADDRESS |
|------------|--|
| Ray Burns | 2113 Gates Ave, Redondo Beach, CA. 90278 |

DESCRIPTION

This report reflects observations from the sewer video taken on 3/9/21.

Sewer Video Inspection

Ran the Sewer Main Line Camera from a 3" Roof Vent* over the front house to the City/County Main Line Connection in Gates Ave. (Approx. 89 feet of Cable).

*Roof Vent was used as no Main Line Clean-outs were Found. (See Recommendation -01)

The pipe under the foundation was Cast Iron material. The CI pipe appears to be original to the house construction. Found heavy hard scale build-up, grease and corrosion. CI joints inspected appear intact and fall appears adequate. The Cast Iron pipe is subject to "soft stoppages*" (See Recommendation Made)

The pipe transitions to 4" Clay (VCP) at the plumbing stub out and continues clay to the City/County Connection in Gates Ave.

We discovered moderate root intrusions in the Clay located in the driveway (54ft VM and 70ft VM), (See Recommendation Made).

Note: Rear unit(s) sewer main was not inspected. See Recommendation Made.

The Sewer Lateral* (VCP) was found in good condition, no further root intrusions, severe off-sets or obstructions discovered in the Lateral. Flow/Fall appears adequate.

*Soft Stoppages- The pits, crevices, and channeling in pipe could cause "soft stoppages" catching debris. This "may" lead to future back-up. The Cast Iron Pipe should be monitored. Periodic cleaning may be required in the event a soft stoppage occurs.

*Sewer Lateral - Is the portion of Sewer Line from the property line to the City/County Main Line. The homeowner is responsible for maintenance and repair of their sewer lateral. Any Repair on the lateral requires City/County Public Works Permits.

Recommendations:

Rec-01

Install an in-ground, Main Line Clean-Out Tee at the Plumbing Stub Out. A clean-out "Tee*" will enable cleaning in both directions. Include a Traffic Rated utility box for access. Roots discovered were considered moderate* at the time of inspection. Pipe (Cast Iron and Clay) may require regular cleanings for debris build-up and to keep roots at bay. *Note: Root growth rate varies.

*Additionally, pipe may be located/ inspected from the rear unit for a suitable clean-out installation. This would require access from the rear unit toilet flange to inspect and locate pipe.

Observations and Recommendations are based on the inspector's experience, education and opinions. This report reflects conditions at the time of inspection and gives no future guarantees or life expectancies of pipe. Inspection does not include branch lines (lines to each fixture).