

City of Lee's Summit, MO

Address: 2528 NE Woodland Oak Circle, Lee's Summit, MO 64086 - Lot 10 Woodland Oaks Subdivision

Sewer Inspection

City of Lee's Summit, in regards to the sewer inspection at 2528 NE Woodland Oak Circle, Lee's Summit, MO 64086 - Lot 10 in Woodland Oaks Subdivision.

The grinder pump pit was installed below the flow line from the house. The 4" from the house was installed with fall from the house to the pit. The pit was graveled from the bottom of the pit all the way up to and on top of the 4" pipe coming from the house to the pit.

We also graveled from the bottom of the pit up to where the 1 1/4" sewer service line was stubbed into the pit. The 1 1/4" sewer service line was dug 48" below grade from the pit to the sewer service stub. Tracer wire was buried with the sewer service line and is stubbed up at the pit, tucked inside the lid, and at the sewer service line shut-off valve riser. We hooked our service line into the existing shut-off valve, check valve stub. We then turned on the sewer shut-off valve, checked for leaks. There are no leaks. We then backfilled with gravel around the shut-off valve, check valve connection.

The control panel is installed on the side of the house near the grinder pump pit. 10/3 wire with ground is ran to the control panel from the house with a 30 Amp Dual-Pole Circuit Breaker in the home. 12/2 & 14/2 direct bury wire with ground is ran from the panel into the grinder pump pit. That wire is ran into a PVC watertight junction box with strain relief cord connectors to ensure no water enters the junction box to protect wiring connections in the pit.

The pump and floats are installed and wired into the junction box. The pump has a check valve on the 1 1/4" sewer service line to prevent backflow. A shut off valve is installed in the pit for additional protection from sewer main backflow. A union is installed in the pit to allow disconnection of the pump for service. All parts and components were installed compliant or exceeding plumbing code.

All of this was installed and observed by Mark Geisinger, Master Plumber. His Master Plumber License is issued by The City of Kansas City, MO. His License # is: **014780**

Sincerely,
Isaac Geisinger (Owner)
Wet Environmental LLC

