

PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFC20173801, Public Works Infrastructure Permit - Commercial

Residences at Echelon

Address: 3500 SW HOLLYWOOD DR, LEES SUMMIT, MO 64082

This work has been inspected and the inspection results noted below. Please call for re-inspection once all corrective actions have been completed. Do not cover any work until approved.

Inspection Item:

Inspection:	Inspector:	Outcome:	Date:
DEI-Sanitary Sewer Construction Inspection	Matt Munger	Partial	Tuesday, December 19, 2017

Informational

1 Matt Munger 12/15/2017 2:36 PM

Workers had intalled the private side of the sanitary sewer main from MH A-2 to the 2nd service Wye prior to my arrival. I observed and adequate amount of clean gravel above and below the sewer pipe.

KC Test Lab was on site and the workers were using a vibratory sheepfoot roller over the dirt that had been backfilled from MH A-1 to MH A-2.

I observed the workers using a laser to align the pipe. The backfill dirt piles around the site did not have any large rock or debris in them.

I observed the workers lowering the pipe into the trench in a manner that would not damage the pipe that was being installed.

When the workers were installing the pipe they used pipe lubricant and would seat each joint to ensure a tight seal. I asked Daniel length of pipe they used between the first two Wyes on the private main and he stated 5' of pipe was between the Wyes. I observed them install the 3rd Wye, they beveled the egdes of the pipe that they cut and set the Wye between 30-45 degrees and chocked in rock under the Wye to support it.

Informational

2 Matt Munger 12/18/2017 10:28 AM

Upon my arrival I observed an adequate amount of clean gravel above and below the pipe. I spoke with Daniel and reminded him about making sure they use Utility Marker Tape

18-24" below finish grade for the Public Main. I observed them backfilling and compacting in lifts. Daniel stated they were going to work on getting MH B-1 and MH C-1 set today.

Water Utility workers came out to locate the valves needed to perform a shutdown.

Informational

3 Matt Munger 12/18/2017 1:40 PM

I observed an adequate amount of gravel below MH B-1, the joint between the section was wrapped to seal each section.

I spoke with Daniel about making sure there is 4ft of pipe between Wye's. The service stubs between MH B-1 and MH C-1 (private sanitary sewer) appeared to be close.

Informational

4 Matt Munger 12/19/2017 12:50 PM

Tom and I met with TJ and Justin from Kat Excavation to go over work schedules.

I observed an adequate amount of gravel over the pipe from MH B-1 to B-2. I observed the workers set MH B-2. I observed at least 6" of gravel in place before they set the MH B-2 base. They wrapped the joints between the base and barrel section. I observed Justin backfill and compact in lifts around MH B-1 to approximately Sta. 4+50.

I spoke with the Sam from KC Testing and he stated he was doing compaction tests every 75ft. I asked him to email me the reports for what he had done so far.

DEI-Sanitary Sewer
Construction Inspection

Matt Munger

Partial

Tuesday,
December
19, 2017

Informational

1 Matt Munger 12/15/2017 2:36 PM

Workers had installed the private side of the sanitary sewer main from MH A-2 to the 2nd service Wye prior to my arrival. I observed an adequate amount of clean gravel above and below the sewer pipe.

KC Test Lab was on site and the workers were using a vibratory sheepfoot roller over the dirt that had been backfilled from MH A-1 to MH A-2.

I observed the workers using a laser to align the pipe. The backfill dirt piles around the site did not have any large rock or debris in them.

I observed the workers lowering the pipe into the trench in a manner that would not damage the pipe that was being installed.

When the workers were installing the pipe they used pipe lubricant and would seat each

joint to ensure a tight seal. I asked Daniel length of pipe they used between the first two Wyes on the private main and he stated 5' of pipe was between the Wyes. I observed them install the 3rd Wye, they beveled the edges of the pipe that they cut and set the Wye between 30-45 degrees and chocked in rock under the Wye to support it.

Informational

2 Matt Munger 12/18/2017 10:28 AM

Upon my arrival I observed an adequate amount of clean gravel above and below the pipe. I spoke with Daniel and reminded him about making sure they use Utility Marker Tape 18-24" below finish grade for the Public Main. I observed them backfilling and compacting in lifts. Daniel stated they were going to work on getting MH B-1 and MH C-1 set today.

Water Utility workers came out to locate the valves needed to perform a shutdown.

Informational

3 Matt Munger 12/18/2017 1:40 PM

I observed an adequate amount of gravel below MH B-1, the joint between the section was wrapped to seal each section.

I spoke with Daniel about making sure there is 4ft of pipe between Wye's. The service stubs between MH B-1 and MH C-1 (private sanitary sewer) appeared to be close.

Informational

4 Matt Munger 12/19/2017 12:50 PM

Tom and I met with TJ and Justin from Kat Excavation to go over work schedules.

I observed an adequate amount of gravel over the pipe from MH B-1 to B-2. I observed the workers set MH B-2. I observed at least 6" of gravel in place before they set the MH B-2 base. They wrapped the joints between the base and barrel section. I observed Justin backfill and compact in lifts around MH B-1 to approximately Sta. 4+50.

I spoke with the Sam from KC Testing and he stated he was doing compaction tests every 75ft. I asked him to email me the reports for what he had done so far.

Informational

5 Matt Munger 12/19/2017 9:33 AM

When I had arrived I observed MH C-1 in place and had been backfilled prior to my arrival. I observed clean (minimum 6" above and below) gravel covering the sewer pipe from MH B-1 to Sta. 4+00.

I reminded Justin about using Utility tape 18-24" below final grade for the Public Sewer Main that was installed. We also discussed maintaining a minimum clearance of 18" from the flanges for the Backflow Vault when they start on they get to that point.

Comments:

