



# INSPECTOR'S DAILY REPORT

City of Lake Forest Park - Staunton Cove Short Plat

Daily Information	
Inspector's Name:	Michael Maranan <span style="float: right;">Date: 10/7/2016</span>
Inspector's Shift Hours:	8 a.m. to 5 p.m. - Periodic
Weather:	a.m.: 55±°F, overcast, windy p.m.: 61±°F, mostly cloudy
Prime Contractor:	Universal Land Construction Company
Representative & Title:	Mike Johnson, Project Manager
Contractor's Work Activity	
Location of Work:	North of the NE 186 <sup>th</sup> Street Intersection, South of Site (18623 40th Place NE)
Description of Work:	Construction of Offsite Storm Drainage Conveyance System

Inspection			
Time	What was inspected?	In Conformance?	Comments / Action
-	Storm drainage	-	<ul style="list-style-type: none"> <li>• Frame and lid for CB-4 was placed; surrounding pavement was temporarily re-patched. No additional structure was installed.</li> <li>• The constructed storm line is comprised of 12-inch ribbed PVC pipes.</li> <li>• The storm line depicted on the approved plans was modified horizontally due to conflicts with the existing utilities within the right-of-way - see 10/5/2016 report.</li> </ul>

Inspection	
Diary	
Time	Discussion
7:20 AM - 4:00 PM	<p>Approximate time of arrival on site was 7:20 AM. Craig Thompson (foreman, Universal Land) with six other workers were on site. Besides his crew, there were three 3<sup>rd</sup>-party flaggers waiting, and also no traffic control devices set up at this time.</p> <p>The following equipment were used for the storm drainage construction and temporary roadside restoration:</p> <ul style="list-style-type: none"> <li>▪ Deere 225D track hoe</li> <li>▪ Deere 135G track hoe with compaction plate attachment</li> <li>▪ Deere 544K loader</li> <li>▪ Dump truck</li> <li>▪ Ingersoll Rand DD24 double-drum roller</li> </ul> <p>The following were observed:</p> <p>7:20 AM - The pipe crew was busy staging materials on site. Delivery trucks were reportedly on site at approximately 7 AM - contractor was asked to ensure that third party entities are restricted from delivering materials on site anytime earlier than 7 AM.</p> <p>8:10 AM - Delivery trucks left the site; construction vehicles were being refueled.</p>



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- 8:40 AM - Asphalt grinding commenced; excavation for the storm drainage construction followed shortly.
- 9:30 AM - Sweeper truck arrived and cleaned the street.
- 10:40 AM - Only one stick of storm pipe had been installed. The trench safety box was used for this construction.
- An existing water service line made of high-density polyethylene pipe was pulled by the excavator. The foreman immediately contacted the general manager for Lake Forest Park Water District. Three water district personnel showed up 10 minutes later, including the general manager. The general manager determined that the pulled pipe was abandoned, and with the source of inflow not known, the service line should be capped.
- 11:10 AM - The existing water service line was capped. The water district staff left the site shortly afterwards.
- 12:00 PM - The second stick was finally placed; backfill and compaction behind the trench safety box commenced.
- 1:00 PM - Two more sticks of pipe were placed and bedded. The geotech arrived at this time.
- Sweeper truck arrived and cleaned the street.
- 1:40 PM - Foreman proposed to temporarily cover the street excavation with steel plates. Inspector coordinated with PACE's acceptance and conditions of having the plates over the weekend.
- 4:00 PM - Temporary steel plate placement and asphalt patch work were done. Although the workers did their best to get the (2) steel plates flush to the existing pavement and provided the surrounding area with temporary asphalt for support and transition, the temporary setup still made a little bit of noise, which was a concern.
- The frame and grate for CB-4 was installed, including the temporary asphalt patch over the structure.
  - The sweeper truck has yet to clean the street; the foreman reported that it should arrive in 10 minutes.
  - Inspector left.

The following TESC items have been noted:

1. **Discharge:** No discharge.  
Approximate amount of precipitation since last inspection: 0.16 inch\*  
Approximate amount of precipitation in the past 24 hours: 0.16 inch\*  
\* Based on nearby rain gauge as recorded by King County.
2. **Construction Entrance:** OK.
3. **Perimeter protection:** OK.
4. **Tree protection:** OK.
5. **Silt fence:** OK.
6. **Inlet protection:** Inlet protection was provided to catch basins near the work area.
7. **Stabilization of exposed soils:** Stockpiles were covered in plastic, and exposed areas have been hydroseeded - OK.
8. **Dust control:** OK.
9. **Source control:** Sweeper truck performed street maintenance multiple times during the day - OK.



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	<p>The storm drainage pipes used were 12-inch diameter ribbed PVC pipes as per the approved materials submittal. These pipes comply with the 2009 King County Washington Surface Water Design Manual as adopted by the City of Lake Forest Park.</p> <p>Pea gravel was used as pipe bedding material and structure base material; crushed rock was used as trench backfill material. Both the bedding and trench backfill materials used today were compliant with the 2016 Standard Specifications for Road, Bridge and Municipal Construction by WSDOT. Proper depth and cover within the pipe zone were also per the WSDOT Standard Plan B-55.20-00.</p> <p>The flaggers, traffic signs and devices appear to use the WSDOT Plan Reference No. TC1; however, the work area on the southbound lane was closer to middle of the road, and so the northbound lane used for the two-way traffic was pushed further west onto the paved shoulder. The only concern observed with the incoming traffic were a few speeding motorists.</p>
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*Michael Maranan*

*(Inspector's Printed Name)*

*Signature*

*10/7/2016*

*Date*

**City of Lake Forest Park - Staunton Cove Short Plat**

Subject: Storm Drainage Construction

Location: 40<sup>th</sup> Place NE, north of the NE 186<sup>th</sup> Street intersection

Comment:

- (1) The two existing water service lines were already located and exposed when the crew pulled an abandoned service line a few feet farther north. The general manager for the Lake Forest Park Water District was on site to assist in properly capping the abandoned line.
- (2) Steel plates were included in today's temporary patching over the installed storm drainage line.



(1)



(2)