



INSPECTOR'S DAILY REPORT

City of Lake Forest Park - Staunton Cove Short Plat

Daily Information	
Inspector's Name:	Michael Maranan Date: 10/6/2016
Inspector's Shift Hours:	8 a.m. to 5 p.m. - Periodic
Weather:	a.m.: 54±°F, overcast p.m.: 62±°F, mostly cloudy
Prime Contractor:	Universal Land Construction Company
Representative & Title:	Mike Johnson, Project Manager
Contractor's Work Activity	
Location of Work:	South of the NE 186 th 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"> Construction was located along 40th Place NE, south of the NE 186th Street intersection. The type-2 structure for CB-4 was installed. No casting (frame and lid) was available on site, and so the structure was temporarily paved over. The constructed storm line is comprised of 12-inch ribbed PVC pipes. 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.

Inspection	
Diary	
Time	Discussion
7:00 AM - 4:00 PM	<p>Approximate time of arrival on site was 7:00 AM. Craig Thompson (foreman, Universal Land) with six other workers were on site, and no construction vehicle was turned on at this time. Besides his crew, there were three 3rd-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"> Deere 225D track hoe Deere 135G track hoe with compaction plate attachment Deere 544K loader Dump trucks x2 Ingersoll Rand DD24 double-drum roller <p>The following were observed: 7:15 AM - Construction vehicle noise commenced, briefly. No construction vehicles were turned on prior to this time.</p>



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- 7:35 AM - Asphalt grinding commenced.
- 8:00 AM - Excavation commenced.
- 9:30 AM - Three sticks of pipe with bedding material were already placed. A trench safety box was used during the installation.
- Backfill and compaction over the two recently placed pipes commenced.
 - An existing gas crossing was exposed and had adequate clearance over the crossing storm line to be installed.
- 10:50 AM - The representative from Earth Solutions NW (Samuel Suruda, field technician) was present.
- 11:00 AM - The base of the structure for CB-4 was placed. CB-4 is a type-2 catch basin.
- 10 minutes after, the 4-foot midsection and top were placed.
- 12:20 PM - Two existing utility lines were exposed and had more than adequate clearance over the crossing storm line to be installed.
- 1:30 PM - Two sticks and approximately 15 total feet of spools (2 units) were installed. Bedding, backfill and compaction continued.
- 4:00 PM - Temporary patch work was done at this time.
- The frame and grate for CB-4 was not available on site at this time. The contractor resolved to temporarily cover with steel plate and pave over the entire structure.
 - A sweeper truck arrived and cleaned the street.
 - Inspector left at this time.

The following TESC items have been noted:

1. **Discharge:** No discharge.
Approximate amount of precipitation since last inspection: 0.01 inches*
Approximate amount of precipitation in the past 24 hours: 0.01 inch*
* Based on nearby rain gauge as recorded by King County.
2. **Construction Entrance:** OK.
3. **Perimeter protection:** OK.
4. **Tree protection:** Silt fence was used - OK.
5. **Silt fence:** OK.
6. **Inlet protection:** N/A on site.
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.

The storm drainage pipes used were 12-inch diameter ribbed PVC pipes as per the approved materials submittal. These pipes comply with the City-adopted Design Manual.

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 2009 King County Washington Surface Water Design Manual (Design Manual) as adopted by the City of Lake Forest Park. Proper depth and cover within the pipe zone were also per the Design Manual.



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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.

Pictures:



(1)



(2)

Subject: Storm Drainage Construction

Location: 40th Place NE, south of the NE 186th Street intersection

Comment:

- (1) The existing gas line (painted in yellow) crossed south of CB-4. The approved location of CB-4 was moved 2 feet to the east (right, in the picture) to avoid the jog on the existing gas line, as depicted by the paint line.
- (2) CB-4, 12-inch-diameter ribbed PVC pipe and bedding material.

Michael Maranan

(Inspector's Printed Name)

Signature

10/6/2016

Date