



INSPECTOR'S DAILY REPORT

City of Lake Forest Park - Staunton Cove Short Plat

Daily Information	
Inspector's Name:	Michael Maranan Date: 10/13/2016
Inspector's Shift Hours:	8 a.m. to 5 p.m. - Periodic
Weather:	a.m.: 52±°F, rain p.m.: 54±°F
Prime Contractor:	Universal Land Construction Company
Representative & Title:	Mike Johnson, Project Manager
Contractor's Work Activity	
Location of Work:	Site (18623 40th Place NE)
Description of Work:	Construction of On-Site Storm Drainage Conveyance System

Inspection			
Time	What was inspected?	In Conformance?	Comments / Action
-	Storm drainage	-	<ul style="list-style-type: none"> The 54-inch diameter type-2 structure for CB-2 was installed. Only the base of the CB-2A structure was installed yesterday - the midsections and top of the 48-inch diameter type-2 structure were placed today. The constructed storm line is comprised of 12-inch ribbed PVC pipes.

Inspection	
Diary	
Time	Discussion
8:00 AM - 12:20 PM	<p>Approximate time of arrival on site was 8:00 AM. Craig Thompson (foreman, Universal Land) with five other workers were on site.</p> <p>The following equipment were used for the storm drainage construction:</p> <ul style="list-style-type: none"> Deere 470G track hoe Deere 135G track hoe with compaction plate attachment Deere 544K loader <p>The Deere 225D track hoe was also working over the stockpile material for haul-off.</p> <p>The following were observed:</p> <p>8:10 AM - They crew was pumping water out of the well casing, same discharge point as yesterday (temporary sediment pond on site).</p> <ul style="list-style-type: none"> Three 4-foot midsections and the top of CB-2A were in place. CB-2A is a 48-inch diameter type-2 StormFilter structure, as depicted on the approved plans. <p>9:00 AM - The base structure for CB-2 was placed. CB-2 is a 54-inch diameter type-2 structure, as depicted on the approved plans.</p> <p>10:30 AM - Three 4-foot and one 2-foot midsections and the top of CB-2 were in place..</p> <ul style="list-style-type: none"> Workers proceeded to grout the pickholes from the insides of CB-2, CB-2A and CB-3. Backfill and compaction commenced.



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10:50 AM - The crack/spall located at the northwest bottom of the uppermost 4-foot midsection, as noted in yesterday's report, had been grouted.

12:20 PM - TESC concerns were relayed to the contractor - see source control items below.
Inspector left the site.

The following TESC items have been noted:

1. **Discharge:** No discharge.
Approximate amount of precipitation since last inspection: 0.66 inch*
Approximate amount of precipitation in the past 24 hours: 0.66 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:** OK.
7. **Stabilization of exposed soils:** The foreman plans to grade and then cover all the exposed areas with either plastic or mulch - OK.
8. **Dust control:** OK.
9. **Source control:** With the anticipated storm over the weekend, the following were concerns raised by the inspector during the site visit:
 - a. Contractor should try and contain as much surface flows into the temporary sediment pond. For now, the foreman plans to grade the disturbed, exposed areas such that the anticipated surface water flows toward the pond. An interceptor swale should still be constructed, although the landscape could change when the storm detention system is installed next week.
 - b. The sediment pond is under capacity. Adding a few more sandbags over the channel was recommended to the contractor.

The interceptor swale and additional grading over the pond was not recommended to be constructed right away since it might just add more turbidity to the system.

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.

Pea gravel was used as pipe bedding material and structure base material; native material was used as trench backfill material, which was also accepted by the ESNW field technician. The bedding material was 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.

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Subject: Storm Drainage Construction

Location: Site

Comment:

- (1) From left to right: 12-inch PVC riser for dewatering; CB-3; CB-2A, and CB-2. Most, if not all, holes were grouted from the inside. The exterior crack on CB-3 noted yesterday (red arrow) was grouted.
- (2) The structures were then backfilled with native material. In preparation for the weekend storm, the exposed areas will be covered in either mulch or plastic held down by sandbags.



(1)



(2)

Michael Maranan

(Inspector's Printed Name)

Signature

10/13/2016

Date