

## CONSTRUCTION SITE VISIT REPORT

**Date:** December 2, 2014

**Project:** Vashon Skatepark

**Site Visit Conducted by:** Steve Hatzenbeler

**LPD Project No.** 139-14-01

**Contractor:** Grindline

**Date of Visit:** November 26, 2014

**Weather:** Clear, approx 45 degrees

**Project Contacts:** Matt Fluegge, James Klinedinst

### Site Conditions and Work in Progress:

- Concrete formwork for the skate bowl is in place
- A preliminary shot-crete coating was applied to the soil to keep it from sloughing. Rebar installation is in progress.
- Dispersion trench installation is in progress. Pipes, catch basin, and grade board are in place; pipes still need to be grouted into the catch basin, and the dispersion trench requires more drain rock backfill.

### Discussion w/ on-site staff, and observations:

1. Regarding the project schedule, Grindline is hoping to have the skate bowl ready for shot-crete by December 2. Shot-crete is expected to take about 4 days in decent weather.  
**Note:** in a follow-up email from James at Grindline, they clarified that concrete has been postponed this week due to the cold weather. They hope to be able to start Tuesday, 12/8/14.
2. Grindline expects to hire Otto Rosenau for concrete and rebar inspections. Matt said he expects them to be on site the day of the first concrete pour to review the rebar, and then also take some concrete cylinders when the concrete arrives on site. Matt is working on getting confirmation from the King County inspector regarding the number of concrete tests required, as it is not explicitly stated in the King County Permit Conditions.
3. King County inspector Ramon Locsin was on site recently to inspect the installation of the storm drainage and the dispersion trench. He approved the project for backfilling and grouting the pipe penetrations into the catch basin at the dispersion trench. Grindline is going to try to get a written report from Ramon with the inspection record for Vashon Park District's project file.
4. Matt pointed out that the structural engineer recently provided a design revision that was not part of the bid documents. The change included larger (#4) rebar in the deep end of the skate bowl than what is specified in the bid documents (#3). It is our understanding that the revision was completed after the King County permit approval; the approved design has #3 bars at 12 inches on-center in the deep end of the bowl. Grindline discussed the change with the structural engineer because their rebar installation was already in progress with #3 rebar at the time the change was received. The structural engineer informed Grindline that they can continue with the #3 bars if they increase the frequency to



Skate Bowl rebar installation in progress

6 inches on-center rather than the 12 inches on-center noted in the bid documents. Grindline is evaluating whether there will be a change order associated with this change.

5. We discussed potential change orders associated with CCDs 1 and 2. The additional work includes added straw mulch covering in all disturbed areas in addition to the soil prep and seeding noted in the Bid Documents; additional work also includes concrete and rebar testing/inspections. Grindline is in progress on determining the additional cost for CCDs 1 and 2.

6. Matt and I discussed the installation of the dispersion trench in progress. In general the installation looks good. However the catch basin appears to be installed a little high. We don't want the solid lid of the catch basin to be much higher than the overflow elevation of the dispersion trench for aesthetics and because the lid may be susceptible to being knocked off the catch basin if there is nothing around it holding it in place.



Dispersion trench, CB level with grade board.

**Action:** This can be addressed by not installing any concrete riser rings on the catch basin under the cast iron frame and cover. In addition, the frame should be installed in the inverted (flange up) orientation so it doesn't stick up much above the top of the catch basin; the flange-up orientation will also help hold the frame in place. At each end of the dispersion trench, the existing grade needs to be restored to level with the top of the dispersion trench grade board and drain rock, such that stormwater that reaches the dispersion trench is forced out over the grade board downhill to the east rather than seeping out at the ends.

**Additional information, observations, concerns:**

None.

**Old Items Unchanged Since Last Site Visit:**

None.

**Next Meeting:** December 11, 2014 at approximately 10:15 am.

**Submitted by:**

Steve Hatzenbeler