



KITTITAS COUNTY DEPARTMENT OF PUBLIC WORKS

Mark R. Cook, PE Director

September 20, 2018

Ms. Laura Bartenhagen, PE
ESM Consulting Engineers LLC
33400 8th Avenue South, Suite 205
Federal Way, WA 98003

RE: Phase 3 Division 14
Engineering Plan Re-Submittal

Dear Ms. Bartenhagen:

I have reviewed resubmitted civil drawings for Phase 3 Division 14 "Tumble Creek". My review comments appear below for your consideration. I regret the delay in getting this response to you.

1. SHEET NT-01. Section reference 9-04 is now 9-05; section reference 5-04 is now "Hot Mix".
2. SHEET DT-02. The 25% 12 inch SD is expected to discharge into the dispersion trench with significant velocity. The trench detail calls for small diameter washed rock. Please consider the material size relative to scour velocity expected.
3. SHEET RD-01. Please consider adding a reference note "Sheet RD-02" for the contractor (both drainage discharges).
4. SHEET RD-02. Please consider adding a "Grade Break" note at STN 20+40 +/-.
5. SHEET WS-01. Please consider stationing blow offs, hydrants and air vacs.
6. SHEET DT-03. Please consider velocity impacts at SSMH #3.
7. SHEET DT-05. Section reference 7-9 is now "Water Mains"; 7-10 and 7-11 are vacant; 7-14 is now "Hydrants" and service connections are now 7-15.
8. SHEET ER-02. Please consider specifying the material type and depth for the construction entrance.

You may submit mylars for signature at your convenience. Please let me know if you have any questions regarding my review.

Sincerely,

Mark R. Cook, PE
Director/Acting County Engineer

C: Ms. Lindsey Ozbolt, Planning Official
Ms. Taylor Gustafson, Planner III
Ms. Brianne Kelsey

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SEP 27 2018
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