

Tuttle, Mike

From: Mike Jensen [Mikej@haies.net]
Sent: Tuesday, July 17, 2012 3:55 PM
To: Tuttle, Mike
Cc: timcharlwood@gmail.com; 'Greg Hansen'
Subject: The Sanctuary Revised Construction Drawings
Attachments: PDF for Weber Count 7-17-12.zip

Mike,

Here are the revised Construction Drawings that address several of the items on your list. The remaining items will be addressed on the Final Plat.

Notes

I have had a chance to review the plan(s) and have the following comment(s): **Written responses to the following comments are required.**

1. There will also need to be drainage easements recorded on the plat for the same streams, and any other drainages not listed on the USGS quads. i.e. culverts that concentrate flows over lots. Plat was not submitted, therefore language could not be verified. **Will be addressed on the Final Plat**
2. The Public Utility and Drainage easement should be placed on the open space as well. I meant for the easement to be placed on the entire open space, not just around the boundary. Plat was not Submitted, therefore language could not be verified. **Will be addressed on the Final Plat**
3. A Storm Water Pollution Prevention Plan (SWPPP) is now required to be submitted for all new development where construction is required. The State now requires that a National Discharge Pollution Elimination Systems (UPDES) permit be acquired for all new development. A copy of the permit needs to be submitted to the county before final approval. Permits can now be obtained online thru the Utah State Dept. of Environmental Quality at the following web site: <https://secure.utah.gov/swp/client>. The SWPPP needs to be updated and a new NOI will need to be issued. **We have updated the SWPPP and will get the UPDES permit and NOI as soon as we know who the contractor will be.**
4. A Storm Water Construction Activity Permit is required from Weber County as well. **OK, will apply for the permit when we get the NOI and UPDES Permit**
5. Drainage easements will be needed where there are culverts that cross the private drives, or flows are otherwise concentrated. Otherwise you may put a drainage easement on the entire lot excluding the buildable areas. e.g. The drainage on sheet 4/5 Lot 3. If the drainage is going to remain on the lot, please provide an easement. These are not "natural drainages" the proposed language for the general easement needs to change, or there needs to be specific easements for these. **Will be addressed on the Final Plat**
6. Sheet 4/5
 1. 12.2. Please provide calculation for the de-silting/retention basin. If it was in the Technical Drainage Study, then would you please indicate where. It appeared to me that the Technical Drainage Study just indicated additional detention basins to be constructed. **The de-silting basin/retention basin is a spring and will not be used to store or de-silt storm water. It is full most of the year and will not provide the required storage.**
7. See the attached pdfs for additional comments. **I have addressed the comments on the attached drawings. If any additional clarification is required, please let me know.**

I have tried to address all items of concern from the engineering department. However, this review does not forego other items of concern that may come to this department's attention during additional reviews or during

construction of improvements. If you have any comments or questions concerning this letter, feel free to contact me.

If you need anything else, please call or email.

Thank You,
Mike Jensen



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