

## Engineering

Project: The Ridge Townhomes PRUD Phase 3  
User: Chad Meyerhoffer  
Department: Weber County Engineering Division  
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### Notes

This letter concerns the above referenced Development. 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. Please see redlines on THE\_RIDGE\_Phase\_3\_Engineering\_Review\_10-01-2016.pdf.
2. Recommendations in the Geotech report need to be followed. **NOTE 11 ON GENERAL NOTES**
3. Recommendations in the Geology Report need to be followed and more data submitted prior to final approval. **ERIC??**
4. In the Geology Report it is stated that a Geologic Hazard Assessment is necessary to determine the potential risks. Have these been done? In phase 3 the area of concern is with the pool and spa facility. What about the roadway in the eastern portion? **ERIC??**
5. I have the County Engineer reviewing the report as well to see if he has any additional comments. ----
6. Maybe there needs to be a note on the plans that the recommendations in the Geotech report need to be followed. **NOTE 11 ON GENERAL NOTES**
7. We will need a letter from the sewer and water district approving of the design of the new infrastructure. **ERIC??**
8. The cut and fill slopes will need to have easements on them. **CUT AND FILL SLOPES ARE LOCATED WITHIN COMMON AREAS, WHICH ARE EASEMENTS TO THE COUNTY.**
9. Rock Walls that are 4ft in height or higher require an engineered design. Design will need to be stamped by Engineer and after installation we will need a letter from the Engineer stating that they were installed properly. **SEE DETAIL 6 ON SHEET S1.3**
10. There will need to be an escrow established for the improvements prior to recording or the improvements will need to be installed. **ERIC??**
11. See Sec. 104-28-2 Stream Corridors, Wetlands, and Shorelines, for regulations on the stream corridor setback. **SUBMITTED STREAM ALTERATION PERMIT TO CHAD**
12. A set of as-built drawings will need to be submitted to our office when the project is completed. **AS-BUILT DRAWINGS WILL BE SUBMITTED**
13. Because soil conditions vary throughout the county, it is now necessary to provide an engineered pavement design showing required sub-base, road-base, fabric, and asphalt thickness as needed for soil type. Asphalt thickness shall not be less than 3 inches. The county engineer is now requiring a minimum of 8" of 3" minus sub-base and 6" road-base. Compaction test on both will be required. The Geotech has called out more stringent requirements on the road cross section that will need to be followed. **SEE ROAD SECTION DETAIL SHEET C5**
14. 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 (NPDES) 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>. **SWPPP WILL BE CONTINUED AS IN PREVIOUS PHASES.**
15. A Storm Water Activity Permit will need to be obtained through our office before construction begins. [http://www1.co.weber.ut.us/mediawiki/images/5/56/Stormwater\\_Construction\\_Activity\\_Permit.pdf](http://www1.co.weber.ut.us/mediawiki/images/5/56/Stormwater_Construction_Activity_Permit.pdf) **SWPPP WILL BE CONTINUED AS IN PREVIOUS PHASES.**

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.

Sincerely,

Chad Meyerhoffer

Weber County Engineering Dept.

Phone: (801) 399-8004

### Files

Name	Size	Date Uploaded
<a href="#">THE RIDGE Phase 3 Engineering Review 10-01-2016.pdf</a>	11.21 MB	2016-10-01 13:24:31

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