



October 23, 2012

Chad Meyerhoffer
Weber County Engineering Division
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Ogden, UT 84401

RE: Engineering Review on the Eden Center

The following contains responses to your review which was posted on Miradi.

1. See redlines on document Egnineering_Review_October_2012.
2. I am not aware of an existing drainage swale along the highway?
 - a. The plan has been changed to pipe the storm water to the nearest public storm drain box.
3. Will the storm water from this site run off onto adjacent property?
 - a. There is a portion of the parking lot that will run off onto the adjacent property; Pat Brennen will be obtaining a letter from the owner for approval.
4. Will sediment be able to be removed from the detention area through the trap door?
 - a. Yes, although not ideal, sediment will be able to be removed.
5. There will need to be a Storm Water Maintenance Agreement with the Development.
 - a. Pat Brennen will provide.
6. The parking in the right of way will be an issue for future road widening. There will need to be an agreement that any improvements in the right of way will need to be removed at the owner's expense at the time of the road improvements. Please submit draft of agreement for review.
 - a. Pat Brennen will provide the draft.
7. Roadway improvements in the County ROW need to follow the County Standards. Asphalt thickness shall not be less than 3 inches. The county engineer is now requiring a minimum of 8" of 4" minus sub-base and 6" road-base. Compaction test on both will be required.
 - a. The detail page of the previous plan set shows a road section for SR-162.
8. There will need to be an escrow set up for the improvements. An Engineers estimate or Construction estimate needs to be submitted for review/approval.
 - a. Pat Brennen will provide.
9. A set of as-built drawings will need to be submitted to our office when the project is completed.
 - a. A set will be provided.
10. Storm Water Pollution Prevention Plan needs to meet all requirements of part 3 of the Storm Water General Permit. The access Drive area needs to be included in the disturbance area.

- a. The drive is included as illustrated in the drainage exhibit that was submitted.
- 11. <http://www.waterquality.utah.gov/UPDES/stormwater/documents/GeneralConstructionPermiUTR3000000t.pdf>
- 12. 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
 - a. Pat Brennen will provide.
- 13. Quality at the following web site: <https://secure.utah.gov/swp/client>.
- 14. 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
 - a. Pat Brennen will provide.

Please let us know of any questions, comments, concerns or suggestions.

Thanks

Dustin Bay
Gardner Engineering