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December 22, 2016

Design Engineer Response Letter to Weber County Engineering Department comments dated December 19, 2016.

Re: Gallop Bend Subdivision

Dear Mr. Felix,

This letter is in response to the County comments dated 12,19,2016.

"Weber County Engineering Division Review"

1. The county specification for road thickness is 3" HMA, 6" Untreated Base Course, and 8" of Granular Borrow. Only size up from there if the geotech report says it's necessary.
Response:
Revised as noted.
2. Specify the type of pavement used.
Response:
Plant mix asphalt pavement per County standards.
3. For the sewer tie-in into 3500 West, the patch shown crosses the halfway mark. If this is going to be the case, replace the whole width of the road.
Response:
Revised as noted to patch entire width.
4. Update all notes on GI002 to Weber County Specifications. (GN 12, 13, City Standard notes, etc.)
Response:
Revised as noted.
5. Acquire a letter of acceptance of the design and maintenance of the water from Taylor West Weber.
Response:
Will submit as requested.
6. Add a slope to the length of the detention pond (1% min.) to ensure no standing water.
Response:
Due to length of pond, 0.5% slope has been shown to minimize grading impact from outlet to north end of pond.
7. The northeast corner of lot 3 shows the curb as flat. Add catch basin to tie into the system.

Response:

Grading has been revised to show high spot for positive drainage.

8. The county will not be the maintainer of the land drains. Have the HOA or other plan set for maintaining them.

Response:

To be addressed by owner.

9. Move the land drain pipes to be more within the easements.

Response:

General note 5 added to coordinate location with utility companies within easement.

10. CU101, instead of standard catch basin in note 50, specify a hooded catch basin.

Response:

Revised as noted.

11. CP203, keep grading outside of the public utility easement.

Response:

Catch slope has been revised from sidewalk to existing to keep slope within easement.

12. Specify structural fill in ditches when crossing the roads.

Response:

There is a note on the grading plan that all ditches to be filled in per geotechnical recommendations.

13. Verify and show proof of sewer easement to tie into the 3500 West.

Response:

To be provided by owner.

14. Center the sewer line in the easement.

Response:

Revised per email correspondence.

15. Instead of a weir, use an orifice plate in the detention basin.

Response:

Orifice plate has been called out and drainage calcs updated to reflect orifice outlet.

16. Raise the middle of the cul-de-sac and knuckle to ensure a minimum of 2% slope on all asphalt pavement surfaces.

Response:

This area is super elevated to drain to the south. Cross slopes have been added.

17. Callout the design for the walkway in the north side of the project.

Response:

To be addressed by owner.

18. Is there an easement for the ditch running along the west wide of the subdivision.

Response:

There is an existing easement. Shown and book and page called out as shown in adjacent subdivision plat.

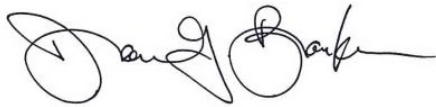
19. CS101, there is no curb or sidewalk to tie into on 2475 South.

Response:

Asphalt pathways will be installed at a 90 to tie sidewalk into existing roadway.

Please let me know if there are any questions or concerns with the plan submittal. Thank you.

Thank you,

A handwritten signature in black ink, appearing to read "Dean Barker", with a stylized flourish at the end.

Dean Barker, P.E.

cc: Brock Loomis