

February 15, 2017

Watts Enterprises-Trappers Ridge at Wolf Creek Phase 8 Final Subdivision/WAT02.01
Eden, UT

Re: County Comments Dated February 2, 2017

Below are the county comments and our responses:

Engineering Review Comments:

1. If the design is based on a 10-year storm event in the subdivision, do we have a regional 100-year storm event pond?

Response: It was discussed and determined in a meeting on June 30 (Jared Anderson, Chad Meyerhoffer, Jeremy Toone) that the 10 year detention scenario is sufficient. The proposed 10-year pond will overflow to the existing pond at the South end of Buckhorn Drive, which overflows to the pond at the South end of Eagle Crest Court, and ultimately drains along Heinz Canyon to the Ogden Valley Canal.

2. I'm having our county attorney review the drainage easement. After checking the survey, I found no errors.

Response: N/A

3. Provide a 20' SD easement for the SD pipes instead of 10'.

Response: Storm drain easements have been increased from 10' to 20'.

4. On lot 156 of the plat, label the easement as a "20' sewer and storm drain easement.

Response: There are two separate easements for sanitary sewer and storm drain. The sanitary sewer easement is on the West side of lot 156, and storm drain is on the East side of lot 156.

5. Fix the typo on GR01 to say a 4'x4' box (shows a 4'x4" box)

Response: Profile label now identifies a 4'x4' box.

6. The area between the back of curb and the rockery wall shows to be at a 1:1. We will need 8' of a lowslope park strip. It is recommended to make the walls taller than 4 feet. If this is done, provide structural calculations and detail drawings.

Response: Wall design/grading has been modified. The slope between the back of curb and the bottom of the lowest wall has been reduced for plowing/snow storage. Max wall height is 7', and a engineered detail has been added to DT09.

7. Give the storm drain a casing going under the rockery wall.

Response: Sheet GR01 not has a note identifying to install the stretch of 18" PVC running under the retaining walls to be installed inside of a 24" steel casing per detail A/DT02.

8. PP03, provide a vertical curve at station 40+00 according to AASHTO vertical curve standards.

Response: A vertical curve has been added at station 40+40.

9. PP01, place a slope arrow on the parking spaces showing the direction and slope.

Response: Slope arrows have been added to show direction and slope of parking surface.

10. PP02, update the profile to show the new elevations of the road.

Response: Elevations of the road have been updated due to the design change to ensure 2% minimum slopes in all directions.

If any questions arise, please feel free to contact me directly.

Sincerely,
Galloway

A handwritten signature in blue ink, appearing to read 'Rich Piggott', with a stylized flourish at the end.

Rich Piggott, PE (PROJECT MANAGER)
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