



Hansen and Associates, Inc.
Consulting Engineers & Land Surveyors

August 13, 2018

Greg Seegmiller
Hooper Irrigation Company Engineer
466 North 900 West
Kaysville, Utah 84037

Re: Sun Crest Meadows

Dear Greg,

Attached are comments that correspond chronologically with your review comments dated August 8, 2018:

- (1) Developer in process of turning over existing shares to Hooper Irrigation. My understanding is that the existing site is currently being served by Hooper Irrigation gravity water and such will be changed to Hooper Irrigation pressurized water.
- (2) Note added to sheet 1 as requested.
- (3) (Done)
- (4) (Done)
- (5) Informative - thanks so much for the allowance to irrigate at a more practical time in the future.
- (6) Minor update implemented.
- (7) (Done)
- (8) Drains called out on plan & profile sheets.
- (9) I confess I do struggle with air-vac's in such flat country - air vac's added at 4+00 & 5+75. (Station 8+25 can flow northward - will add air vac in next phase at actual high point.
- (10) Air vac added.
- (11) Drain added - called out on plan & profile sheet.
- (12) Isolation valve added as requested.

Feel free to call anytime with questions.

Respectfully,
HANSEN & ASSOCIATES, INC.



Jim Flint, PE / PLS



J-U-B ENGINEERS, INC.

J U B COMPANIES



THE
LANGDON
GROUP



GATEWAY
MAPPING
INC.

MEMORANDUM

DATE: August 8, 2018
TO: Theo Cox, President
CC: Hooper Irrigation Office; Hansen & Associates
FROM: Greg Seegmiller, P.E., J-U-B Engineers
SUBJECT: Sun Crest Meadows Subdivision – Taylor, JUB #55-17-009-028

This memo has been revised from a previous memo dated December 27, 2017. Additional comments are given in italics. We recently received information about this development proposed within Weber County. This project will connect to the Taylor Pressure Irrigation system of Hooper Irrigation Company. The development is located at approximately 4850 West on 2550 South. The project entails the development of 11 residential lots (40,000 sf min or one acre).

The following changes must be made to the plans:

1. Shares for this phase must be turned over to Hooper Irrigation Co (approximately 5.5 shares are needed) The review fees and connection fees must also be calculated and paid.
2. A note must be included stating that work on the pressurized system must be done to Hooper Irrigation Company Standards. A two foot minimum cover, in purple PVC C-900 pipe with a locator tape is required. *Please add this information to sheet 1 under "Secondary Water/Irrigation".*
3. *DONE.* The connection to the Hooper Irrigation System must be made at the intersection of 2550 S and 4700 West. The pipe in 2550 down to the subdivision and across the entire frontage (west side of lot 7) will need to be shown as a 12" PVC C900.
4. *DONE.* The pipe within the development will need to be changed to 8" PVC C900.
5. The Detention Basins are typically irrigated. If this is the case, a service lateral will need to be included for this area as well. *Due to the distance between the current phase and the detention basin, a service lateral will not be required for the detention basin area. This will be required in a future phase of development.*
6. Sheet 2 shows an I for Hooper Irrigation District. This should be changed to the Hooper Irrigation Company.
7. *DONE.* Sheet 5 for off site irrigation plans and profile, can be eliminated for the line across private property.
8. Sheet 5 must show drains to the Storm Drain system at Sta 2+00 and Sta 5+00.
9. Sheet 5 should also show Air Vac Combination Valves at Station 4+00, 5+75, and 8+25.
10. Sheet 6 must show an Air Vac Combo at Station 5+25.

11. *Sheet 6 must show a drain to the Storm Drain system at Station 0+75.*
12. *Sheet 5 must show an 8" valve on the new irrigation pipeline at 2550 S 4850 W intersection. Valve should be shown on the property line.*

Plans must be completed; all review and access fees must be paid; and shares received prior to approval of the development and issuance of the Will-Serve Letter. Please let us know if you have any questions.