



J-U-B ENGINEERS, INC.

J-U-B COMPANIES



THE
LANGDON
GROUP



GATEWAY
MAPPING
INC.

MEMORANDUM

DATE: November 2, 2017 (revised from 10/23/17)
TO: Brad Blanch, Developer Terakee Village PRUD
CC: Theo Cox, President; Rex Hancock, Board Member
FROM: Greg Seegmiller, P.E., J-U-B Engineers
SUBJECT: Terakee Villiage; JUB #55-17-009-014

This memo is revised from a previous memo. Additional comments are given in italics

We recently received information about a development proposed within Hooper Irrigation Service Area in Weber County. The development is located at 4700 West and 900 South. This development consists of three phase, 79 quarter-acre residential lots, and 10 common area parcels. The development is adjacent to the Hooper Canal system on the north and a private ditch (Buck Ditch) through the middle of the project.

This memo is not intended as approval nor permission for the development for secondary water needs. Water Shares, Fees, and engineered plans will need to be submitted and approved prior to approval of the development or any of its phases.

The Buck Ditch is a private ditch leading from the Hooper Irrigation main canal in West Weber. It runs south from the main canal through an open irrigation dirt ditch. This ditch will need to be piped through the development. Sizes and slopes will be determined with the completion of the Engineered plans to be submitted by the developer. The pipe will need to be capable of carrying 3.0cfs. Access to the main headgate where water is diverted into the Buck Ditch will need to be maintained, with easements given.

Piping the Buck Ditch will eliminate significant leakage along the ditch and provide improved water delivery to property owners to the south of this development site.

Please let us know if you have any questions.

Additional plans were submitted on 10/27/17 showing the buck ditch being piped. We concur that the size of 18" RCP pipe should be adequate for the flow of 3cfs. We hope that the ditch is at an elevation to avoid conflicts with other utilities. Hooper Irrigation Company does not take responsibility for this pipe. Any future maintenance and blue staking of the pipe will be the responsibility of others. The plans for piping the Buck ditch are adequate from our review.

We request that our inspector, Scott Fowers (081-381-0473), be present during any connection to the main canal. We request that a 24x36 paper copy of the plans be delivered to the Hooper Irrigation Co office for their records.