

DEVELOPMENT SERVICES

Date: Tuesday, July 27, 2021

To: BHC RHODES
Eric Byrd, P.E.
7101 COLLEGE BLVD, SUITE 400
OVERLAND PARK, KS 66211

From: Gene Williams, P.E.
Senior Staff Engineer

Application Number: PL2021150

Application Type: Engineering Plan Review

Application Name: John Knox Village - Meadows Phase 2 - Public Water

The Development Services Department has completed its review and offer the following comments listed below.

- See comments below to determine the required revisions and resubmit to the Development Services Department public portal located at devservices.cityofls.net. Digital documents shall follow the electronic plan submittal guides as stated below.
- Revised plans will be reviewed within five (5) business days of the date received.

Engineering Review - Corrections

1. Abandonment is shown in the notes from 1+50 onward. Technique was not specified, however. If abandonment in place is desired, then the method will need to be specified. If a water main is indicated for abandonment, it shall be abandoned by removal and backfill if required or by plugging each end of the line segment. To plug each end of the line segment, a section of pipe at least 10 feet long shall be cut out of the existing line. The water shall be drained out to the fullest extent practicable, and the ends shall be sealed with a 1-foot thick plug of non-shrink grout sealed with a Portland cement grout.
2. Air release valve standard drawing was shown, but not needed. Please delete or "x" out since these will not be required or desired.
3. Please eliminate the note about the air release valves which refer the reader to Gene Williams.
4. Wouldn't it be more clear if the segments to be abandoned in place were shown on the plan view, and the segments to be removed and replaced also shown on the plan view? As shown, this is present in the notes.

5. Cost estimate appeared to be missing the street restoration and repair.

Traffic Review - Not Required

Electronic Plans for Resubmittal

All Planning application and development engineering plan resubmittals shall include an electronic copy of the documents as well as the required number of paper copies.

Electronic copies shall be provided in the following formats

- Plats – All plats shall be provided in multi-page Portable Document Format (PDF).
- Engineered Civil Plans – All engineered civil plans shall be provided in multi-page Portable Document Format (PDF).
- Studies – Studies, such as stormwater and traffic, shall be provided in Portable Document Format (PDF).

Please contact me if you have any questions or comments.

Sincerely,

/s/ Gene Williams electronically signed Jul. 27, 2021

Gene Williams, P.E.
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cc: Development Engineering Project File