

PUBLIC WORKS ENGINEERING DIVISION

Date: Tuesday, July 01, 2014

To: Kevin Stacy, Aegis Fire Protection

Email:

Fax #: <NO FAX NUMBER>

Aegis Fire Protection

Email:

Fax #: <NO FAX NUMBER>

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

Application Number: PL2014092

Application Type: Engineering Plan Review

Application Name: Lumber Warehouse Fire Line Plans

The Public Works Department received plans for this project on July 01, 2014. We have completed our review and offer the following comments:

Engineering Review

1. Please add a note stating that "...all construction shall follow the City of Lee's Summit Design and Construction Manual as adopted by Ordinance 5813."
2. Please make the outline of the existing driveway darker to provide a point of reference.
3. Please show Olive Street to the east as a point of reference.
4. Please show the existing easement for the water line running east/west from Olive along the driveway.
5. Please show the correct location of the water line in relation to the access drive. It does not appear to be correct (i.e., it is shown on the north side, but it appears from the record drawings, GIS, and site visit to be on the south side of the access drive).
6. Please note that the backflow vault cannot be within the limits of any easement.
7. A new gate valve must be installed prior to the backflow vault (i.e., the old valve should not be re-used). This valve should be within an easement.
8. Will any portions of the existing fire line besides the portion within the area of the new backflow vault be removed and replaced? If not, then please specify on the plans that the existing line will remain in-place.
9. An itemized and sealed Engineer's Estimate of Probable Construction Costs should accompany your final submittal drawings. The Engineering Plan Review and Inspection Fee is based on this estimate and is

calculated at 3% of the total plus a \$100 per trip fee to observe and collect water samples. Items to include in the itemized estimate include: 1) backflow vault, 2) pipe, 3) fittings, 4) thrust blocks, 5) valves, 6) final restoration.

If you have any questions or comments, please contact me, Gene Williams either at (816) 969-1800 or e-mail to Gene.Williams@cityofls.net.

Sincerely,

Original Signed

Gene Williams, P.E.
Senior Staff Engineer

cc: Development Engineering Project File