



Loic.Nguinguiri@cityofls.net

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1700 Swift Street, Suite 100
North Kansas City, MO 64116
P 816.756.0444

www.mecresults.com

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Loic Nguinguiri, E.I.
Development Services
City of Lee's Summit, MO
220 SE Green St
Lee's Summit, MO 64063

Re: St. Luke's East – Flex Facility Pre Utility Work
Application # PL2019390
McClure Project # 190891-000

Dear Loic:

Enclosed are revised plans on the above-referenced project. These plans have been revised in accordance with the City review comments. The written response following the City comment (in **bold**) is to indicate the actions taken to address your comments. The numbering system utilized corresponds to the City review comment numbers.

1. General: While tree(s) removal is acceptable, please consider replacing or relocating tree(s) for environmental and landscape beautification purposed. Discussion or correction regarding this topic can also occur during the FDP stage.

Acknowledged.

2. General: Please update cost estimate to match summary of quantities shown on the set of plans. Items 6-10 should be listed as LS.

Acknowledged. Cost Estimate has been updated.

3. Water: Please add vertical and horizontal scales on profile view on pages C302, C303, and C401.

Acknowledged. Scales added to all profile views.

4. Water: The water line profile seems to exceed the 1 degree angle allowed for vertical deflection at joints. Please verify and revise. Running an overall straight pipe line with horizontal bends only could also be an option.

Acknowledged. Water line has been revised to minimize vertical deflection throughout.

5. Water: Include the following note on any profile sheet applicable: "Compacted Fill shall be placed to a minimum 18" above the top of pipe prior to installation.

All profile sheets revised to include the following note: "IN AREAS WHERE 18" OF COVER DOES NOT EXIST BETWEEN THE TOP OF THE PIPE AND EXISTING OR PROPOSED GRADE, COMPACTED FILL SHOULD BE PLACED TO A MINIMUM OF 18" ABOVE THE TOP OF PIPE PRIOR TO INSTALLATION"

6. Water: Show and label the limits of compacted fill placement in profile view. Use hatching for clarity

There are no areas that require compacted fill as all pipe is below 18" of grade. No revision made.

7. Water: From STA 2+70 to STA 4+70 there appears to be 5 bends. Numerous bends along a section of the pipe line comes with greater risk of leaking and upper maintenance costs. Please consider reducing number of bends.

Acknowledged. The number of bends increased when the City requested replacing 90 degree bends with 45 degree bends. No revision made.

We hope that we have adequately addressed each one of the above-referenced review comments and look forward to the approval of this submission. Please call or email should you have any questions regarding the above comments.

Very truly yours,



Matt Eblen, P.E.