

July 18, 2024

City of Lee's Summit, MO  
ATTN: Daniel Fernandez, Project Manager  
220 SE Green  
Lee's Summit, MO 64063

**RE: PRSUBD20242373: Discovery Park, Lot 9-12 – Sewer and Water Extension**

Own, Inc. has received your comments dated May 30<sup>th</sup>, 2024 and has the following responses:

**Required Corrections:**

**Engineering Review  
Water**

Sue Pyles, P.E. Development Engineering Manager  
(816) 969-1245 Sue.Pyles@cityofls.net

**Corrections**

1. General:

- The sanitary sewer main extension to serve Lots 11 & 12 is public. Please submit the private water and public sanitary as separate plan sets at resubmittal.

**OWN Response:** Per conversation with Sue Pyles the proposed Sanitary Sewer and Watermain will be private.

- Provide appropriate U/E for both public sanitary main extension and private water main extension.

**OWN Response:** A 30' sanitary sewer easement has been added. A 10' private sanitary sewer easement has been added.

- Please revise the Public Roadway phone number in the Utility Contacts on the cover sheet to 816-969-1800.

**OWN Response:** Phone number has been revised on Sheet C100 - Cover Sheet.

- Please submit an Engineer's Estimate of Probable Construction Costs for each plan set.

**OWN Response:** Engineer's estimate of probable construction cost has been provided for Sanitary Sewer and Watermain.

2. Sanitary:

- MH F1 does not meet the 0.2' minimum drop requirement.

**OWN Response:** Drop within MH F1 increased to min. 0.2' drop. See Sheet C300 – Sanitary Plan & Profile 1.

- The minimum slope for 8" sanitary is 1.00%. 2 of the 3 segments are designed with a 0.99% slope. It is unlikely that the main can be constructed to meet the City's requirements, given that the design technically doesn't. Please consider revising the slopes.

**OWN Response:** Slope for sanitary sewer segments have been revised and now meets the 1.00% slope requirement. See sheets C300 – Sanitary Plan & Profile 1 and C301 – Sanitary Plan & Profile 2 for revised sanitary sewer main slope.

3. Water:

- Revise FH labels to reference the specific standard detail. WAT-7 is for a straight set FH and WAT-8 is for a FH with a 90-degree bend.

**OWN Response:** The intended fire hydrant configuration is straight set for all proposed FH. Standard Detail WAT-7 has been called out for all proposed fire hydrants. Standard details WAT-8 has been removed.

- Please remove the trench check detail, it is not used on this project.

**OWN Response:** Trench check detail has been removed.

Water Utilities	Kevin York	Public Works Director	No Comments
Engineering Review Sanitary	Sue Pyles, P.E.	Development Engineering Manager (816) 969-1245 Sue.Pyles@cityofls.net	Corrections
1. See combined comments in the Engineering Review - Water section. <b>OWN Response:</b> Acknowledged			
Water Utilities Sanitary Review	Amanda Bagwell	Senior Staff Engineer (816) 969-1918 amanda.bagwell@cityofls.net	No Comments

In order to calculate the Engineering Plan Review and Inspection Fee, a sealed Engineer's Opinion of Probable Construction Costs shall accompany your final submittal copies. The itemized estimate (material and installation) shall be sufficiently broken down and shall include the following items, as applicable.

**OWN Response:** Acknowledged.

Sincerely,



Jeff Bartz, PE (OWN, Inc.)