



Application No. PL2022246

Application Name: THE VILLAS OF CHAPEL RIDGE 2ND PLAT, LOTS 43-74 AND TRACTS C-1 AND D-1 -
PUBLIC WATER

Engineering Review – Corrections

1. Sheet C.501 has been altered since the last submittal to include dashed circles. Please remove these circles, as they do not appear to serve any purpose. **Revised.**
2. Please refer to previous applicant letter. Details are provided for the connection to the existing 12 inch line on the north side of Dick Howser Dr., but we are now allowing 12 inch gate valves on 12 inch lines rather than butterfly valves. However, there is already an existing valve on the 12 inch leg near the connection point, so no additional valve is desired on the 12 inch line. We will require one (1) 8 inch gate valve on the 8 inch line on the north side of Dick Howser, and one (1) gate valve on the south side of Dick Howser Dr. This is required to isolate the line beneath the roadway in the event of repair. Please review and revise as appropriate. **Revised.**
3. Troon Dr. Fire Hydrant Relocation: Please refer to previous applicant letter comment #3. I requested you show the location of the relocated fire hydrant. The note states it will be made permanent, with no indication of where they are to be installed other than "2 feet behind the back of curb". This is not sufficient. Please show the location where this will be placed on the plan view. Please use bold line type since this is a proposed feature. Please review and revise as appropriate. **Revised.**
4. Independence Ave. Fire Hydrant Relocation: Although the relocated fire hydrant has been notated, the location on the plan view is vague. It appears greyed-out, and would imply an existing feature. Please make this bold, and include a label showing in no uncertain terms this is the location of the relocated fire hydrant. Please review and revise as appropriate. **Revised.**
5. Connection Point on Treon Dr. and Independence Ave: The linework is not accurate on the existing water main to the new water line connection points for both connections. The connection points appear to be connected to the fire hydrants to be relocated rather than the main. Please use standard drafting standards to show a clear indication of where the proposed line will be connected to the existing main. Please review and revise as appropriate. **Revised.**
6. The location of the existing valves on the existing 12 inch water line on the north side of Dick Howser Dr. are not accurate, and are also not shown on the water main itself. Please ensure the location of these existing valves are accurate and located on the line itself, and ensure there is adequate clearance between these valves and the new connection point. Please review, evaluate, and revise. **Revised.**
7. The note concerning shut-down of the water main implies the City shall be responsible for notification of residents. Please revise this note. In addition to what has already been shown on this note, please add the following: "Contractor shall be responsible for notification of affected water customers in accordance with the City of Lee's Summit Design and Construction Manual" or equivalent language. **Revised.**

Feel free to contact me should you have any addition questions regarding this project.

Thank You,

Matt Schlicht