



Project: Woodland Oaks 1<sup>st</sup> Plat – Woodland Oaks Private Grinder Pump Installation and Connection Manual  
Application Number: PL2021074  
Application Type: Engineering Plan Review  
Comments Dated: September 2, 2022

### **Engineering Review**

1. The purpose of this manual is to serve as a short and concise guide for City staff to review building permits for private grinder pumps and the connection to the ball valve at the end of the public force main, and the building contractor for installation of private grinder pumps, and connection to the existing public main at the public system. It would appear the manual does not meet the intent, and discusses the overall system, how it was designed, and provides a copy of the public force main plans for the public system as well as the private grinder pumps and private system. We would suggest the following: 1) a title sheet "Private Grinder Pump Installation and Connection Manual for Woodland Oaks" or equivalent language, **REVISED** 2) presentation in drawing format of the pumps, electrical devices, materials, depth of bury, and all other materials and devices necessary to make the connection to the existing system, **REVISED/UPDATED** and 3) an overall location drawing of the ball valves and where they are located on each lot to serve as a guide for planning purposes. **ADDED** Please revise as appropriate.
2. Please remove any extraneous details that are not necessary such as pump curves, odor control systems, flushing connections, connections to Woodland Shores, or any other items which are irrelevant to the installation of the private system. Please revise as appropriate. **Extraneous items have been removed.**

Please forward all comments or concerns to Matthew Schlicht.