Question: An analysis verifying the sanitary sewer collection system is sufficient to service the proposed developments as outlined in the rezoning for Visions Golf, LLC.

It is our understanding that the original Walden Lake Community was designed to handle approximately 4500 residential units for the future build out. Typically, the average amount per residential single family unit is 350 gallons per day (or for a total of 4500 units x 350 gallon/day =1,575,000 gallons per day). With the proposed Walden Lake Community Expansion project, it our understanding that the total residential units for entire community will increase to approximately 2800. This would result in an average of 350 gallons per day x 2800 units = 980,000 gallons per day. The Engineer will need to check and verify the capacity at the connection points (lift stations, gravity lines sizes, etc.) available near the Walden Lakes Community Expansion project. New lift stations may be required to connect via force main to the existing lift stations, forcemains, or manholes in the vicinity.

Based on the City of Plant City GIS sewer information, there are several lift stations in the vicinity of the Walden Lake Community Expansion project. In particular, there is a forcemain running along the back side of the Lots to the west of the project site. The potential connection to the forcemain would need to be verified. Any upsizing and upgrades to the forcemain and lift station(s) would need to be verified during the Design and Permitting Phase.