

Technical Memorandum

Date: August 16, 2023  
To: Don Griffey, PE – Griffey Engineering, Inc.  
From: Eric Evans, PE -- Connelly and Wicker, Inc.  
RE: Hillside Groves Subdivision – Construction Drawings

Below is a response to your comments dated January 10, 2023

1. Additional comments may be added to these with the reviews of subsequent submittals.

Response: Noted

2. This work will require various permits from SJRWMD, Duke Energy, Lake County, FDOT, FDEP, FWC, COE. Provide copies of the applicable permits & approvals before commencing work on the site.

Response: We are currently working to obtain these approvals.

3. Modify the roadway cross section dimensions for the 100' right-of-way to reflect the current plan view.

Response: The section is now modified to match the intended section.

4. Provide hydraulic calculations for the irrigation system.

Response: This was submitted and approved via email in early August.

5. The irrigation supply site improvements will need to be reviewed and approved by the Town prior to construction.

Response: Noted.

6. On the master site plan add a note and a call-out that Road B is intended to connect to SR 19 and that the design and permitting of the connection will be included with Phase 3 improvements.

Response: This is now shown on sheet 3 as requested.

7. On the south end of Road A, at the intersection of SR 19, the left outbound lane accommodates through and left movements. This lane doesn't need any markings, the arrows in the right turn lane are sufficient.

Response: This striping has been removed per your comment (Also requested by FDOT). See sheet 4A.

8. At the northbound right turn lane at the commercial driveway, the curb lane striping needs to be between the through lane and the turn lane.

Response: This edit is now shown. See sheet 4A.

9. For the speed table at 52+50, label the advance warning signs.

Response: The signs are now labeled. See sheet 4H.

10. Utility valves are not to be located in curbs, gutters, or curb ramps. In case of a conflict during construction, the valve shall be relocated and not the curb or curb ramp. Add a conspicuous note to the utility plans stating that requirement. Also, the graphical depiction on the utility plans shows several locations where valves are conflicting with curb ramps. Adjust the plans to eliminate the conflict.

Response: Several valves and other infrastructure we shifted slightly to avoid obvious conflicts. A note regarding valve vs. ramp/curb conflict has been added to the 10 and 11 series sheets.

11. In the notes for the Typical Pavement Sections, change Note 1 to state that all disturbed areas within the r/w shall be sodded. The Typical Roadway Cross Sections should also reflect that change. Sodding of the full right-of-way in front of lots can be deferred until building construction, similar to sidewalk construction. However, the standard strips of sod at the back of curb is required on all roads as part of construction.

Response: See the revised sod comments in each of the roadway sections on sheet 13A. Note "3" has been added to the narrower roadway sections.

12. Add a construction detail for the Multi-Use Path.

Response: See sheet 13A where the multi-use path detail has been added to the 100' and 90' typical section per the Lake County specification.

Please review and approve the material provided and should you have any questions or comments with regard to this application please do not hesitate to call or email. I can be reached at 904.265.3030 or at [eevans@cwieng.com](mailto:eevans@cwieng.com).