

Technical Memorandum

Date: July 14, 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. Based on the discussion and direction of the Town Council at their meeting on 11/28/2022, Road A needs to be modified per the attached exhibit. Raised crosswalks are to be designed using the Lake County standard, also attached.

Response: The edits to Road A are now shown.

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

Response: This cross section is now updated to match the new section.

5. Add a note that all curb ramps are to be constructed with the subdivision.

Response: This note is now added.

6. Provide copies of the driveway permit application documents for the connection to No. 2 Rd. Copy the town on the review and response correspondence with Lake County.

Response: We are currently working to obtain this approval.

7. The offsite utility plan along SR 19 needs to call out the location and means for tying in the existing 4" water main. The 4" main needs to be connected into the new 12" main on the west end at the cemetery and on the east end near Florida Ave. The portion of the existing 4" main between these two points needs to be removed, not abandoned in place.

Response: These comments have been addressed on the offsite utility plans.

8. For the 12" water main extension along SR 19 west of Road A, remove the 12x6 reducer. Terminate the line with 12" piping & fittings.

Response: These waterline fittings have been revised per your comment.

9. On the lift station site plan, align the access drive on the center of the wet well.

Response: The driveway has been shifted.

10. Provide hydraulic calculations for the irrigation system.

Response: Irrigation demand calculations are now provided with this submittal.

11. Provide site improvement details for the irrigation supply well that show driveway access and equipment & controls. This area should be fenced for security.

Response: Fencing and placeholder equipment areas are shown. The final design of the system will be addressed by a specialty contractor in a design-build effort.

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@zwieng.com.