General Comments

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

Mass Grading Plan

2. This work will require an ERP permit from SJRWMD and an encroachment approval from Duke Energy.

3. In the notes, change the “City of Orlando” references to “Town of Howey-in-the-Hills”.

4. Show the flood prone areas on the existing and proposed plans.

5. Identify the sizes of the existing CMP pipes that are to be removed.

6. On sheets C500-C504, turn on the existing elevation labels.

7. Are there any on-site trees to be preserved? If so, they need to be shown on the grading plan and appropriate protection called out.

8. Does the on-site earthwork balance? Will there need to be any import or export of material? If so, identify on the plan proposed dump truck access points and off-site haul routes.

9. Add a note on each grading plan page that all exposed areas will be seeded & mulched upon the completion of the grading of that area.

10. Use the town’s standard details for silt fencing, construction entrance, erosion control, & tree protection.

Stormwater Calculations

11. Provide a master stormwater plan along with pre- and post-development basin maps. The master plan & basin maps should include labelling that matches the ICPR model.

12. Include compensating storage calculations for any flood plain encroachment.

Water Calculations

13. Provide a master water plan for the project that shows pipe locations, sizes, and junction labels matching the calculations.

14. Per the town's constructions standards, "Maximum day instantaneous demand to be used for design shall be 1.0 gallons per minute (GPM) per single family".

15. Since the irrigation lines will probably be supplied by the potable system, evaluate the scenario of Irrigation Demand + Fire Flow.

Wastewater Calculations

16. The design flow should use the peak factors in the town's construction standards: ADF=0-50K GPD, P.F.=3.5-4.0; ADF=50-250K GPD, P.F.=3.0; ADF= 250 GPD – 2 MGD, P.F.=2.5