

March 28, 2023

Stuart Anderson, PE
Interplan LLC
220 E. Central Parkway, Suite 4000
Altamonte Springs, FL 32701

**RE: Chick-fil-A
1529 N. Parham Road
POD 2023-00112**

Dear Mr. Anderson:

We have reviewed the construction plans submitted to the Planning Department on March 10, 2023.

Please address the following comments and resubmit revised construction plans for review.

Cover Sheet:

1. Update the sheet index to match with the pages on the plans. Some pages are missing on the plans that are on the sheet index. Some pages are in the plans but not on the index.

Sheet C1.0 (Title Sheet):

2. Change the title of this sheet from cover sheet to title sheet.
3. Delete Jeff Gilley and Ireini Botros as the contact person for water and sewer information.

Sheet 1 of 3 to 3 of 3 from Shadrach & Associates, LLC:

4. Show all the existing utilities on site. Show more existing sanitary sewer and sanitary sewer lateral on the west side of the site. All public sanitary sewer on site should be in the easement.
5. Revise the location of the existing utility easement for the sanitary sewer on the west side of the site.
6. Provide utility easement for the existing sanitary sewer going from manhole with top elevation of 258.59 to the manhole with top elevation 260.11.
7. Clarify why the invert in and invert out (277.77) is higher than the top elevation of 260.11.
8. Provide GIS manhole ID and elevations in addition to surveyed elevations.
9. Revise the DB&PG of for the existing utility easement of the existing sanitary sewer.
10. Provide the correct DB&PG for all the existing easements. If the existing easements are not recorded, then they must be recorded with this project.
11. Label the monitoring manhole.
12. Label the size of the existing water line where the water service is tying in.
13. Show the location of the backflow preventer inside the building.

Sheet C1.2 (Demolition Plan):

14. See previous comments on existing utilities.
15. Abandon the existing sanitary sewer lateral on the west side of the site that is not going to be utilized. It should be abandoned at the main.

16. Add a note stating that, "All water and sanitary sewer is to be abandoned consistent with DPU Spec. 1.4.01C. and 10.3.10."
17. Label to cut and cap the existing water service line and abandon it at the existing 8" water main.
18. Label to remove the grease trap.
19. Don't X out to get rid of the existing 1.5" water meter. Aren't you relocating the existing meter instead of getting rid of it.
20. Identify the meter number for the 1.5" domestic meter as 62001547 with the meter ID of WMTR093228.
21. Identify the meter number for the 1" irrigation meter as 10033217 with the meter ID of WMTR093229.
22. Relocate the enter sign away from the existing sanitary sewer. It should not even be in the utility easement.
23. Remove all the trees in the existing utility easement.

Sheet PS-1.0 (Utility Plan):

24. See previous comments on existing conditions and demolition plan.
25. The construction factor in the fire flow estimate form should be rounded to the nearest 250 gpm.
26. Revise the number of fire hydrant required to be two instead of 1.
27. Provide an additional fire hydrant to meet the requirement.
28. Identify which fixture is existing and which one is proposed with this plan in the Meter Sizing Form.
29. Revise the maximum demand in the Meter Sizing Form.
30. Revise the size of the tee for the domestic service line to be 8"x4" instead of 8"x2". Relocate the valve back next to the tee. Label to install it per detail D-530&D-535. Delete detail D-520& D-525 since you are not using a corporation stop.
31. Delete the valve in the curb and gutter next to the irrigation meter.
32. Provide just enough utility easement around the 1.5" domestic meter and the water service line from the meter to the 8" water main. 20 feet easement is too much. The grease trap, exclusion meter and backflow preventer are private and should not be in the utility easement.
33. Show the existing backflow preventer inside the existing building. The leader of the existing backflow preventer should point inside the building instead outside the building.
34. Update the profile of the sanitary sewer to match with the plan view.
35. What is CL350 for the private sanitary sewer? Use the pipe material specified in our material notes.
36. Is it possible to provide a foot of clearance between the storm sewer and the sanitary sewer at the crossing?
37. Relocate the clean-out and the grease trap to the grass area instead of in the sidewalk if possible.
38. Avoid having the clean-out right outside the door.
39. Label the clean-out in the drive thru to be traffic rated. Provide detail.
40. Relocate the domestic meter closer to the curb.
41. The water line to the exclusion meter must tap of the domestic service line west of domestic meter.
42. Provide 4 northing/easting points at the 4 corners of the property on the plans.
43. Reference the CSB and CWB 195 NE.
44. Update the quantity list.

Sheet L-100 (Landscape Plan):

45. Remove any tree inside the utility easement.

General:

46. An updated Engineering Report was not turned in with the plans. Water and sewer design calculations, sewer design form, water local review program, and information sheet are not required for this project. Check "no" on those items as they were not included with the engineering report.

If you have any questions concerning the above noted comments or the plans, please contact me at 501-4601.

Sincerely,



Bob Dao
Utilities Engineer

cc: Chad Ross, Chick-fil-A

bc: Marchelle Sossong
Ralph Claytor
Daniel Ivy
Christina Goggin, Planning

BQD/vr