

Punch List Items to be completed/provided before the Final Inspection:

- 1. The lift station must be completed and started up using both line power and generator power (if provided) under full load. Provide the satisfactory lift station start-up report, spare parts, owner's manual and other deliverables.
- 2. Provide the as-built drawings a minimum of 5 days prior to the inspection.
- 3. Provide the FDEP clearance (issued by the Volusia County Dept. of Health) for the water system.
- 4. Provide the video of the sanitary sewer system and all laterals.
- 5. The sanitary sewer system must pass air testing and mandrel testing as witnessed by the Volusia County Utilities inspector.
- 6. All manholes shall be fully coated from the bench to the ring with a County approved material.
- 7. All valve boxes shall be located at finished grade with the 18"x18"x6" concrete collar centered over the valve lug.
- 8. All tracer wire shall be installed and tested for continuity with the ends terminated inside of each valve box.
- 9. Water services shall be of uniform length, terminated at the right of way line when tubing is extended, and staked in an upright position. The curb stops shall be full port and be outfitted with approved Padlock wings.
- 10. Fire hydrants shall be painted yellow, flow tested by the contractor and each bonnet painted the appropriate color based on the tested flow rate. An RPM shall be installed in front of each fire hydrant in the center of the travel lane per code.
- 11. Fire hydrants shall be installed with the center of each side discharge port 18" to 22" from finished grade.
- 12. All potable water, reclaimed water and sewer services and valves shall be marked on the street curb by etching into the concrete or, if no curbing is available, a two (2) inch square metal tag is to be nailed to the street's pavement and painted blue for water, green for sewer and purple for reclaimed.
- 13. All blow-offs and air release valves shall be installed within an approved box at finished grade.
- 14. All lot lines shall be clearly staked.
- 15. Provide a copy of all density reports.
- 16. At the final inspection, provide labor to open all sewer manholes, valves, and structures for inspection by Volusia County Utilities staff.

- After all of the above have been satisfactorily completed, final as-builts have been provided (two (2) paper copies and digital files in AutoCADD and pdf format), and any deficiencies discovered during the final inspection have been completed and approved by the Volusia County Utilities Inspector, the county will endorse the FDEP sewer clearance.