Punch List Form

PROJECT NAME: ___________________________________________________________

CONTRACTOR: ___________________________________________________________

PROJECT LOCATION (SERVICE AREA): _________________________________________

[ ] 1. Provide the as-built drawings a minimum of 5 days prior to the inspection. As-builts shall include the GPS location of valves, hydrants, and manholes.
[ ] 2. All valve boxes shall be located at finished grade with the 18"x18"x6" concrete collar centered over the valve lug.
[ ] 3. All manholes shall be fully coated from the bench to the ring with a County approved material.
[ ] 4. All tracer wire shall be installed and tested for continuity with the ends terminated inside of each valve box. Testing must be witnessed by a county representative.
[ ] 5. 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.
[ ] 6. 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.
[ ] 7. Fire hydrants shall be installed with the center of each side discharge port located 18" to 22" above finished grade.
[ ] 8. 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, with a two (2) inch square metal tag that is nailed to the street's pavement and painted blue for water, green for sewer, and purple for reclaimed.
[ ] 9. All blow-offs and air release valves shall be installed within an approved box at finished grade.
[ ] 10. All lot lines shall be clearly staked.
[ ] 11. The lift station must be completed and started up using both line power and generator power (if provided) under full load. Provide a satisfactory lift station start-up report, list of spare parts, owner's manual, and other deliverables as required by the County.
[ ] 12. At the final inspection, provide labor to open all sewer manholes, valves, and structures for inspection by Volusia County Utilities staff.
[ ] 13. The sanitary sewer system must pass air testing, mandrel testing, and invert testing as witnessed by the Volusia County Utilities Inspector.
[ ] 14. Provide the CCTV video of the sanitary sewer system and all laterals.
[ ] 15. **Prior to paving**, the contractor and engineer-of-record should complete the following:
   a. Clean and televise the sanitary sewer system, provide video to County, complete corrective actions provided by County, & obtain acceptance from the County’s Utility Engineer.
   b. Provide draft as-builts of the sanitary sewer system, verifying compliance with design plans including minimum slope requirements, complete corrective actions provided by County, and obtain acceptance from the County’s Utility Engineer.
   c. Once complete and accepted by the County, Contractor shall provide flash drive of gravity sewer mains and laterals to the County’s Utility Engineer.
16. After all of the above have been satisfactorily completed, final as-built 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 Utility Inspector, the County will endorse the FDEP water and sewer clearances.

17. Provide the FDEP clearances for the potable water system and sanitary sewer system.

18. For Commercial Properties: Volusia County Utility Inspector to verify backflow compliance with Volusia County Utility Administration Staff.

***A minimum of seven (7) days prior notification will be required for re-inspections***

REMARKS / COMMENTS
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<th>VOLUSIA COUNTY INSPECTOR</th>
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