

Section 3 –Wastewater Design Standards and Details Summary of Revisions

March 2023 Updates

Based on Palm Beach County Water Utilities Department (WUD) evaluation of the Wastewater Design Standards and Details issued in July of 2019 as part of the Palm Beach County Water Utilities Department Minimum Design and Construction Standards have been revised and/or additional details added.

WASTEWATER DESIGN STANDARDS:

Generally, the written design standards portion revised to meet correct requirements and to align it with the standard details.

WASTEWATER DESIGN INDIVIDUAL STANDARD DETAILS:

All individual standard details are dated to reflect either “6/2019” revision or current “01/2023” revision. The individual details dated January 2023 were revised for the March 2023 issuance of the Minimum Design and Construction Standards are notated with an asterisk (*).

1. 1SA: Revised to add minimum dimension from top of structure to top of openings.
2. 1SB: Added installation detail for polyethylene/fiberglass oil/grease interceptors.
3. 2SA: Revised to add minimum dimension from top of structure to top of openings.
4. 2SB: Added installation detail for polyethylene/fiberglass sand/oil interceptors.
5. 4S & 5S: Revised detail to clarify required minimum dimensions and notes to align them with the written portion of the Standards.
6. 6S & 7S: Revised to detail images and notes to match them with the PBC Land Development open cut details. Then only added a WUD specific note per PBC Land Development approval.
7. 8S: Revised notes 9 thru 13 and revised detail title.
8. 11SA: Revised detail image and notes 1 to align the detail with the written portion of the Standards.
9. 11SB: Added installation detail for cleanouts installed between townhome driveways.
10. 12S: Revised detail images and notes to align the detail with the written portion of the Standards.
11. 18SA: Revised detail number.
12. 18SB: Added new manhole cut into existing gravity sewer main detail.
13. 44SA: Revised to clarify the detail image and notes to align them with the written portion of the Standards, and revised detail number.
14. 44SB: Added installation detail for split casing installations.
15. 45S & 46S: Revised ARV detail and notes.
16. 47S: Revised by-pass piping dimension.
17. 48S: Revised note F.
18. 49SA: Added note 16, drop pipe and pressure transmitter to valve vault, revised detail number.
19. 49SB: Added typical lift station drop pipe detail and notes.
20. 49SC: Added typical lift station valve vault pressure transmitter detail and notes.
21. 50S: Added note 4.
22. 52S: Revised note 14.
23. 55S: Added slats to fence detail.
24. 56S thru 80S: General lift station control panel revisions.
25. 81S: Added note 13, drop pipe and pressure transmitter to valve vault.
26. 82S thru 86S: Added new lift station standard details for low profile control panel installations.
27. 87S & 88S: Renumbered from 82S & 83S respectively.
28. 89S: Renumbered from 84S and revised detail to clarify required minimum dimensions.
29. 90S: Renumbered from 85S and revised detail to install ninety-degree bend.
30. 91S: Added installation detail for when wastewater main crosses a fence, wall or berm.
31. 92S: Added installation detail for a conflict structure.