

Section 2 – Potable Water Design Standards and Details Summary of Revisions

March 2023 Updates

Based on Palm Beach County Water Utilities Department evaluation of the Potable Water 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.

POTABLE WATER DESIGN STANDARDS:

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

POTABLE WATER 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. 1W thru 4W: Revised Note 2 to clarify the required location of the meter box.
2. 1W & 3W: Revised Note 6 to remove reference to copper.
3. 5W: Revised Note 8 to clarify the required location of the meter box.
4. 6W & 7W: Revised Note 2 to clarify the required location of the meter box.
5. 8WA: Revised 3” potable water meter detail title to reflect “residential only” and detail number.
6. 8WB: Added installation detail for “non-residential only” 3” potable water meters.
7. 9W & 10W: Added an additional pipe support at water meter location.
8. 11WA: Revised detail number.
9. 11WB: Added installation detail for meter boxes installed between townhome driveways.
10. 12W: Revised to detail images and notes to align them with the written portion of the Standards and Fire Marshal Requirements.
11. 18W & 19W: Revised detail notes to align them with the written portion of the Standards.
12. 22WA: Revised to clarify the detail image and notes to align them with the written portion of the Standards, and revised detail number.
13. 22WB: Added installation detail for split casing installation.
14. 23W: Revised Notes 9, 10 & 11 to align them with the written portion of the Standards.
15. 24W & 25W: Revised 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.
16. 26W & 27W: Revised ARV detail and notes.
17. 32W: Revised Notes 1 & 9.
18. 46W: Revised detail to clarify required minimum dimensions and added Note 5.
19. 48W: Added installation detail for when potable water main crosses a fence, wall or berm.
20. 49W: Added installation detail for a conflict structure.