



2025 SJCUD STANDARD DETAILS UPDATE SUMMARY OF CHANGES

Below is a general summary of the changes made to the St Johns County Utility Department (SJCUD) Standard Details. This summary is not entirely comprehensive and instead only captures some of the major updates to SJCUD's Standard Details. Please review the entire catalog of Standard Details to ensure that the engineers and contractors understand all the revisions and requirements for a given project. Reclaimed Water Standard Details will be updated and released at a later date.

- **GN-1: GENERAL NOTES**

- General, Note 19
 - 2020: Pipes 16" and smaller shall have 30" to 36" of cover in unpaved areas. Pipes 12" or greater shall have 42" to 54" of cover.
 - 2025: All pipes shall have a cover of 36" to 54", regardless of the size or location of the pipe.
- Pressure Pipe Notes, Note 3
 - Added verbiage to include "Forcemains larger than 36" diameter shall be DR25 PVC."
- As-Built Drawings, Notes 2, 3, & 5
 - Changed requirements of paper copies of as-builts to 2, from 6. Changed requirement of electronic copy of as-builts on a disk to a USB drive.
- Standard Water/Sewer/Reclaimed Water Separation, Note 3.1 (Previously Note 3A)
 - Noted that conflict manholes are prohibited.

- **G-1: Gate Valve & Box For Unpaved Locations (4"-16")**

- Valve tag updated from 3" brass disc to 2" stainless steel disc. Removed "YEAR INSTALLED" requirement from info included on valve tag.
- Added option for 36" diameter x 6" thick concrete pad, in addition to 24"x24"x6" pad.
- Locator ball to be color-coded based on type of service (blue for potable water, green for sewer, purple for reclaimed water).
- Removed call out of 6" PVC extension riser and American Flow Control Centering Ring.



- **G-2: Gate Valve & Box For Paved Locations (4"-16")**
 - Valve tag updated from 3" brass disc to 2" stainless steel disc. Removed "YEAR INSTALLED" requirement from info included on valve tag.
 - Locator ball to be color-coded based on type of service (blue for potable water, green for sewer, purple for reclaimed water).
 - Removed call out of 6" PVC extension riser and American Flow Control Centering Ring.
- **G-10: Air Valve Assembly with Manhole**
 - Added callouts for plastic adjustment ring, joint sealant, and exterior joint wrap.
 - Added note stating that Air Valve Assembly should be above ground whenever possible.
- **W-10A: Large Water Meter Installation (Below Grade)**
 - Minimum of 6" of clearance between meter box exterior wall and MJ gate valve on the outside of meter box.
 - Added requirement for either 24" minimum of DR18 PVC **or** MJ to MJ adapter, between MJ gate valves outside of the meter box and tees leading to bypass.
 - Updated Meter Box Size chart.
- **W-10B: Large Water Meter Installation (Above Ground)**
 - New SJCUD Standard Detail for above grade large meter option.
- **W-11: Typical Multiple Water Meter Bank Installation**
 - Added clarifying details to zoomed-in double meter detail.
- **W-12: Automatic Flushing Assembly (Type A)**
 - Added option for 36" diameter x 6" thick concrete pad, in addition to 24"x24"x6" pad.
- **S-3: Plan View Type "A" Manhole 8" – 12" Sewers**
 - Added note: "Manholes with drops less than 2' shall form a flow channel in the bench."
- **S-6: Sanitary Sewer Type "C" Manhole 8" – 12" Sewers**
 - Changed from 4' minimum manhole depth to 5' minimum. Added note stating that 4' manholes may be approved if EOR submits signed and sealed plans showing that sewer laterals will meet St Johns County requirements, with an emphasis on slope and cover requirements.
- **S-9: Sanitary Sewer Service Lateral**
 - Replaced cleanout stub to grade with screw-top cap.
- **S-12: Pump Out Assembly**
 - Added valve requirements inside concrete pump out box.



- **PS-01, All PS Electrical Plans, and PS Fencing Detail**
 - Added clarification to some notes.