

SUMMARY OF CHANGES

Part II – Design Standards

1. Section 1.4.2.9.D.1.g. and 3.16.2.C. - Capped, lateral stub-outs with marker balls are installed near the right of way by the developer. The home builder installs a clean-out fitting on the lateral stub and extends horizontally to connect to the house and vertically, to grade, for the cleanout.
2. Section 1.4.3.11.L. - Utilities shall not be dedicated to SJC until Final as-built drawings are submitted.
3. Section 2.2.6 – The Hazen-Williams “C” Factor for all pipe materials shall be 120.
4. Section 2.13.5 – Manholes which must be lined may be constructed of alternative materials.
5. Section 2.16.3 – Wetwells for flows greater than 100 and equal to or less than 1,000 gpm shall be a minimum of 8’ in diameter.
6. Section 2.16.5 – Requirements for “Small Pump Stations”.
7. Section 2.17.1.C – Pump station panels shall be at least 6” above the 100-year flood elevation.
8. Section 2.17.1.E – Maximum velocity through pump station piping and discharge forcemain.
9. Section 2.17.4.B. – At pump stations in reuse areas, reclaimed water AND potable water static pressure monitoring are required.
10. Section 2.18.A.1. – Approved pumps are found in the Approved Materials Checklist.
11. Section 2.18.11 – Paint type and color for ferrous metals is specified.
12. Section 2.24 – A reclaimed water control valve (Detail R-3) to be installed where shown on the approved drawings.

Part III – Construction Specifications

1. Section 3.14.3.E.4 – The invert of laterals shall be above the centerline or springline of the main sewer. The EOR shall review the gravity sewer video prior to SJCUD submission and stamp the report “APPROVED”, APPROVED AS NOTED”, or “REJECTED”.
2. Section 3.15.2.A.7 – Angle limits on influent pipes.
3. Section 3.15.3.C. – A ten (10) year non-pro-rated warranty shall be provided for each structure liner.
4. Section 3.15.4 – As an option, a polymer concrete manhole may be installed at a pump station.
5. Section 3.16.2.C. -

Part IV – Approved Materials

1. Submersible Pump – Grundfos and Sulzer – Added two manufacturers.
2. Structure coating – Tentatively adding Engineered Spray Solutions “Sprayroq” while monitoring performance.

Part V – Standard Details

1. PS-01 has been updated including detail S-16, Stainless Steel Pipe to Ductile Iron Transition, on sheet D-06.
2. The pump station backflow preventer installation detail has been created as W-13.
3. The pump station static potable/reclaimed water line connection detail has been created as W-14.
4. Updated W-10, Large Meter Installation.
5. Reclaimed water details moved to newly created D-07.
6. Created R-03, Reclaimed Water Control Valve Installation to be installed where reclaimed water enters a development to control reclaimed water demand, if needed.
7. Created R-04, Reclaimed Water Large Meter installation for master meter customers.