

GENERAL:

During the design phases , coordinate the location of existing utilities and structures with Plant Services to the extent practical during the Design.

Comply with Jacksonville's City Standard Specifications for Sewer. Latest Revision and City Standard Details for Sewer. **City requirements should be referenced but shall not comprise the entire Specification for Sanitary Sewerage.** Comply with the latest revision of the Standard Plumbing Code.

Preferred Materials and Installation (specify the following)

Sanitary Sewer System – PVC is acceptable, pipe joints as per pipe Manufacturer recommendation. Detectable plastic marking tape to be installed underground above buried utility lines, as required, to facilitate the location of the lines before damage can occur during required excavation. Specify the following materials:

- A.. Piping: SDR 35 PVC for gravity sewer with manufacturer's recommended joints. Provide sleeves where necessary and at all paved areas. Minimum standard shall be Schedule 40 for pipe for force main 3" or less and ductile iron or C901 PVC for 4" and larger.
- B. Manholes: precast concrete or cast-in-place concrete.
- C. Covers and Frames: cast iron or galvanized steel.
- D. Cleanouts: commercially manufactured wye branches.
- E. Lift Stations: Prefer all metal to be stainless steel. Guide rails shall be stainless steel.
- F. Submersible Pumps: Flyte pumps shall be standard.

No On-Site Wastewater Treatment Plants are allowed. Treatment to be by local utility with a gravity (preferred) connection from the School.

END OF SECTION 02730