

HILLSBOROUGH COUNTY



WATER, WASTEWATER AND RECLAIMED WATER TECHNICAL SPECIFICATIONS

PREPARED FOR: PUBLIC UTILITIES DEPARTMENT
PREPARED BY: PROJECT CONTROL, STANDARDS, & MASTER PROJECT MANAGEMENT SECTION
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HILLSBOROUGH COUNTY
PUBLIC UTILITIES DEPARTMENT

WATER, WASTEWATER AND RECLAIMED WATER
TECHNICAL SPECIFICATIONS

PREFACE

This Technical Specification has been prepared to provide engineering and construction data and recommendations applicable to the design and construction of water, wastewater, and reclaimed water utilities designed and/or constructed with the intent of ultimate ownership being conveyed to Hillsborough County Public Utilities Department.

The misuse or misapplication of data contained in this document could result in system failures, severe damage to other property and/or serious injury to persons. Hillsborough County does not assume any liability for any losses or damages resulting from the use or application of the materials and data set forth in this Technical Specification. The Professional Engineer of Record will be responsible for the specific project specifications under his control as set forth under Chapter 471 F.S., et al. and will be required to submit signed, dated, and sealed specifications for his design project(s) as set forth in his Contract.

To facilitate review of the designer's project documents, the basic Technical Specifications documents shall **not** be modified by the designer. Any proposed exceptions to the basic Technical Specifications shall be listed and attached to the front of the Technical Specifications under a section entitled "Special Conditions".

These standards apply to Hillsborough County Public Utilities Department facilities. Refer to the appropriate section of the *Hillsborough County Standard Specifications For Construction*, latest version, for all work outside the scope of the specifications attached hereto.

APPROVED:  9.12.11
PAUL J. VANDERPLOOG DATE
PUBLIC UTILITIES DEPARTMENT, DIRECTOR

EH 9/11/11
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9/12/11

OCT 12, 2011
Effective Date
(30 days from approval)

**HILLSBOROUGH COUNTY
PUBLIC UTILITIES DEPARTMENT
ENGINEERING SERVICES GROUP**

**WATER, WASTEWATER AND RECLAIMED WATER
TECHNICAL SPECIFICATIONS**

REVISION PROCEDURE

As material specifications and technical criteria change to meet new needs and changing technology, it will become necessary to revise and update these Standard Technical Specifications. These revisions will be handled administratively by the Project Control, Standards, and Master Project Management (PCS&MPM) Section, under the direction of the Public Utilities Director.

Any proposed revisions to this manual will be sent electronically to the Tampa Bay Builders Association (TBBA) and those interested parties who have provided their e-mail address to the Public Utilities Department Project Control, Standards, & Master Project Management Section Manager. Recipients of the proposed revisions will have twenty-one calendar days to provide written comments to the PCS&MPM Section Manager. An informal workshop attended by staff and any interested parties will be held to discuss the proposed revisions. If staff is of the opinion that additional review and/or workshops are necessary, all electronically registered parties will receive e-mail notification of this action. If after a proposed revision has been thoroughly reviewed and discussed in at least one informal workshop, staff holds the opinion that the proposed revision is in the best interest of Hillsborough County and should be incorporated into these Standard Technical Specifications, then a recommendation with dissenting viewpoints, if any, will be forwarded to the Public Utilities Department Director.

All revisions approved by the Public Utilities Department Director will be posted to the Department website. The effective date of such changes shall be 30 days from the date of approval of the revision by the Director of the Public Utilities Department.

The preparers of this Technical Specification have gone to great lengths to develop a document that is accurate, consistent, and free from errors and conflicts. However, there is no foolproof way to assure that a technical document of this type is totally free from imperfections. Therefore, in the unlikely event that a conflict exists in this document or is created by an approved revision to this Technical Specification, the Public Utilities Department Director shall send a written letter of clarification of the conflict to all registered recipients. A recommendation will be forwarded to the Public Utilities Department Director for approval of a revision to resolve or remove the conflict. The effective date of "conflict revisions" will be the date of the approval by the Public Utilities Department Director. The resolution of design problems directly related to criteria conflicts in this document will be handled on a case-by-case basis by the PCS&MPM Section Manager. Public health, safety and welfare, economic impact, and due diligence by the designer will all be considered in the resolution of these design problems.

Finally, correction of any typographical errors contained herein that do not materially and significantly affect criteria will not require approval by the Public Utilities Department Director. All corrections of this nature will be handled by e-mail notification to the TBBA and will be effective immediately.