

**COLLIER COUNTY UTILITIES STANDARDS MANUAL
LIST OF APPROVED CHANGES SINCE 2006 UPDATE
COLLIER COUNTY PUBLIC UTILITIES ENGINEERING DEPARTMENT**

**Prepared by Hole Montes, Inc.
January 19, 2007**

CHANGES TO DESIGN CRITERIA– SECTION 1

Additions to text from Section 1 are shown in bold print, and deletions are shown with strike-through. Changes identified below should be considered as revisions to the Utilities Standards Manual posted on the County website.

No.	Revision	Date	Comments
	None to date		

CHANGES TO TECHNICAL SPECIFICATIONS – SECTION 2

Additions to text from Section 2 are shown in bold print, and deletions are shown with strike-through. Changes identified below should be considered as revisions to the Utilities Standards Manual posted on the County website.

No.	Revision	Date	Comments
01750	Vertical Datum Added: Revise fourth line in Paragraph 3.2.B.3 as noted, "...units, and North American Vertical Datum 1988 (NAVD 88) , as established by..."	12/19/06	Utilities Committee approval
02222	Excavation – Earth and Rock, Delete existing Paragraph 1.4.C on page 2 and replace with the following text. <u>B. Underground Utilities and Collier County Damage Prevention Policy:</u> 1. This policy has been put in place to avoid damage to Collier County underground utilities. A minimum distance of five feet (5') horizontally and eighteen inches (18") vertically must be maintained away from Collier County utilities. Any and all variations from this order must be approved by the Water or Wastewater Department. 2. Before commencement of any excavation at road crossings or any boring or any drilling, the contractor shall mark the proposed run alignment with white paint or flags. Subsequent to placement of the white markings, the existing underground utilities in the area affected by the work must be marked by Sunshine One Call after proper notification to them by either calling 800/432-4770 or email www.callsunshine.com. Before commencing excavation for the work, potholing of all potential conflicts must be performed. 3. All lines in conflict must be physically located by the contractor and verified by Collier County Locate Department personnel before performing work. Utilities	01/19/07	Utilities Committee approval

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	<p>under concrete or pavement may require soft dig vacuum locates which also is the contractor's responsibility to perform. All utilities will be field marked per Sunshine State One Call's statutes and guidelines. For line verification or any other information concerning locates, please call the Locate Department at 239/591-0882 during normal business hours. For line verification or emergency locates after hours, call emergency numeric pager at 239/890-0809. In the event the potholing and/or vacuum soft dig does not locate the marked utility, work must be stopped and the affected utility owner contacted. Failure to comply with this policy and obtain required signature(s) may result in delay or denial of permit.</p> <p>4. The contractor must comply with all provisions of Florida Statute 556, the Underground Facility Damage Prevention and Safety Act.</p>		
02676	<p>Leakage Tests: Add new subparagraph 3.1.B on page 8 as follows:</p> <p>B. DEP approval is required to use reclaimed (IQ) water for flushing and pressure testing of irrigation mains and potable water mains.</p> <p>The requirements for submitting a request to DEP are available from the County PUED.</p>	9/19/06	DSAC Subcommittee approval
13511	<p>TV and Inspection Gravity Sewers:</p> <p>(1) Add new sub-paragraph 3.2.G on page 4 that describes the inspection of manholes as follows:</p> <p>G. Prior to the end of the one-year warranty period, all manholes will be televised and inspected. The complete interior of each manhole shall be inspected and video recorded after interior coating has been completed. Manhole identification number shall be displayed on the video recording, and the recording shall accompany the submittal of the gravity lines inspection. Any deficiencies shall be corrected prior to acceptance by the County.</p> <p>(2) Add provision for use of DVD recording media in Paragraphs 1.2.D and 1.3.B on page 1 as follows:</p> <p>"...VHS videotapes or DVD recording media..."</p>	9/19/06	DSAC Subcommittee approval
15100	<p>Water Valves: Paragraph 2.3.B.2: Revise text in first line as follows, delete "three piece" and substitute "two piece".</p>	9/19/06	DSAC Subcommittee approval

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No.	Revision	Date	Comments
15110	Wastewater Valves: Paragraph 2.2.B.2: Revise text in first line as follows, delete " three-piece " and substitute " two piece ".	9/19/06	DSAC Subcommittee approval

CHANGES TO STANDARD DETAILS – SECTION 3

Approved changes to the Standard Details are reflected in the latest County website update. Verify date of each Standard Detail as shown in this list.

No.	Revision	Date	Comments
<u>GENERAL DETAILS</u>			
G-7	Revise detail to show two-piece cast iron valve box with PVC extension as needed.	9/19/06	DSAC Subcommittee approval
<u>NON-POTABLE WATER DETAILS</u>			
NP-2	Revise size of sleeve under pavement to 4".	9/19/06	DSAC Subcommittee approval
NP-3	New Detail for air release valves on reclaimed water mains	01/19/07	Utilities Committee approval
NP-4	New Detail for air release valves on non-potable water mains not carrying reclaimed water	01/19/07	Utilities Committee approval
<u>WATER DETAILS</u>			
W-3	Revise detail to show two-piece cast iron valve box with PVC extension as needed.	9/19/06	DSAC Subcommittee approval
W-13	Revise manufacturer of water meter to Neptune	12/19/06	Utilities Committee review & approval; Approved by Water Dept
W-14	Revise manufacturer of water meter to Neptune	12/19/06	Utilities Committee review & approval; Approved by Water Dept
W-14A	Revise to be applicable to meters 3" and larger; revise Note 3 regarding driveway orientation.	9/19/06	DSAC Subcommittee approval
<u>WASTEWATER DETAILS</u>			
WW-10	Revise depth of lateral to be 30" to 48" instead of 30" to 40".	9/19/06	DSAC Subcommittee approval

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CHANGES TO APPENDICES – SECTION 4

Additions to text from Section 4 are shown in bold print, and deletions are shown with strike-through. Approved changes to the Appendices are reflected in latest County website update.

No.	Revision	Date	Comments
D Utilities Conveyance Checklist	Page 1: Addition of clarifying text in Items 4, 5 and 6 and addition of separate check boxes for cash bond; Page 2: Addition of clarifying text to Item 7; Page 3: Addition of clarifying text to Item 4.	12/19/06	Utilities Committee review & approval See revised Appendix on website