

**City of Lawrence Department of Utilities**  
**Annual Review**  
of  
**Construction Material Specifications, Design Criteria and Standard Details**

Review Date: January 2018  
Reviewed By: Utility Department Staff  
Materials Reviewed: Construction Material Specifications:  
                                  Section 2500 – Sanitary Sewer (8” to 18” Mains)  
                                  Section 2900 – Waterlines  
Design Criteria:  
                                  Section 5500 – Sanitary Sewer (8” to 18” Mains)  
                                  Section 5900 - Waterlines  
Standard Detail Sheets:  
                                  Sanitary Sewer  
                                  Waterlines  
Fire line Connection Details  
Meter Vault Details  
Backflow Vault Details

Materials Added:

Updates and corrections to the City of Lawrence Department of Utilities construction material specifications, design criteria, and standard details are as follows:

**Section 2500 – Sanitary Sewer (8” to 18” Mains)**

<u>Table of Contents</u>	<u>Updated page references</u>
Section 2510.3.2	Specified non-shrink grout for inverts on pre-cast manholes to have compressive strength of 4,000 lbs. per square inch with a minimum of 752 lbs. and 100% sand (8-sack grout).
Section 2510.5.1.c	Updated to reflect change in 2510.3.2
Section 2510.5.4	Updated to reflect change in 2510.3.2

**Section 2900 - Waterlines**

<u>Table of Contents</u>	<u>Updated page references</u>
Section 2902.3.11.b	Changed lid and over to include “or approved alternative” to lids and covers in unpaved turf area.

**Section 5500 – Sanitary Sewer (8” to 18” Mains)**

<u>Table of Contents</u>	<u>Updated page references</u>
Section 5504.3.1	Revised to indicate existing sanitary sewer cleanouts and lampholes within the limits of the project shall be removed and replaced with a manhole

**Section 5900 - Waterlines**

<u>Table of Contents</u>	<u>Updated page references</u>
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**Standard Details – Sanitary Sewer**

No Changes

**Standard Details – Waterline**

No Changes

**Fireline Connection Details**

No Changes

**Meter Vault Detail – 3” and Larger**

No Changes

**Backflow Vault Detail – 3” and Larger**

**\*Backflow Manhole Detail - 2” and smaller**

\*New Manhole details added for 2” fire line and smaller