



NOTE:
 A. 8-INCH DIAMETER SEWER MAINS AND SMALLER SHALL HAVE A FLOW CHANNEL FORMED AT LEAST TO THE SPRING LINE OF THE PIPE. PIPES GREATER THAN 8" IN DIAMETER SHALL HAVE FLOW CHANNELS FORMED TO THE FULL HEIGHT OF THE CROWN OF THE OUTLET SEWER.

TYPICAL PIPING AT STANDARD MANHOLE, REFER TO PW MANUAL SECTION 5.3.4 FOR FALL ACROSS MANHOLE

- GENERAL NOTES:**
1. ALL JOINTS BETWEEN MANHOLE SECTIONS, ADJUSTING RINGS, MANHOLE RING AND TOP SECTION, SHALL BE WATERTIGHT. JOINTING MATERIAL SHALL BE "RAM-NEK®" OR EQUAL.
 2. CONCRETE FOR DROP STRUCTURES SHALL BE FORMED.
 3. BOLT-DOWN LIDS WILL BE REQUIRED AS PER STD 510. DUSTPANS ARE NOT REQUIRED WITH BOLT-DOWN LIDS.
 4. ADDITIONAL FLEX-JOINTS MAY BE INSTALLED WITHIN 2-3 FEET OF MANHOLE WHERE NECESSARY.



Engineering Division

Sanitary Sewer Manhole (Sheet 1 of 3)

Ross Mollenhauer

Approved By City
 Engineer for Utilities
 Ross Mollenhauer, PE

Adopted: 09/28/2020
 Revised: 03/25/2021

STD - 512-1