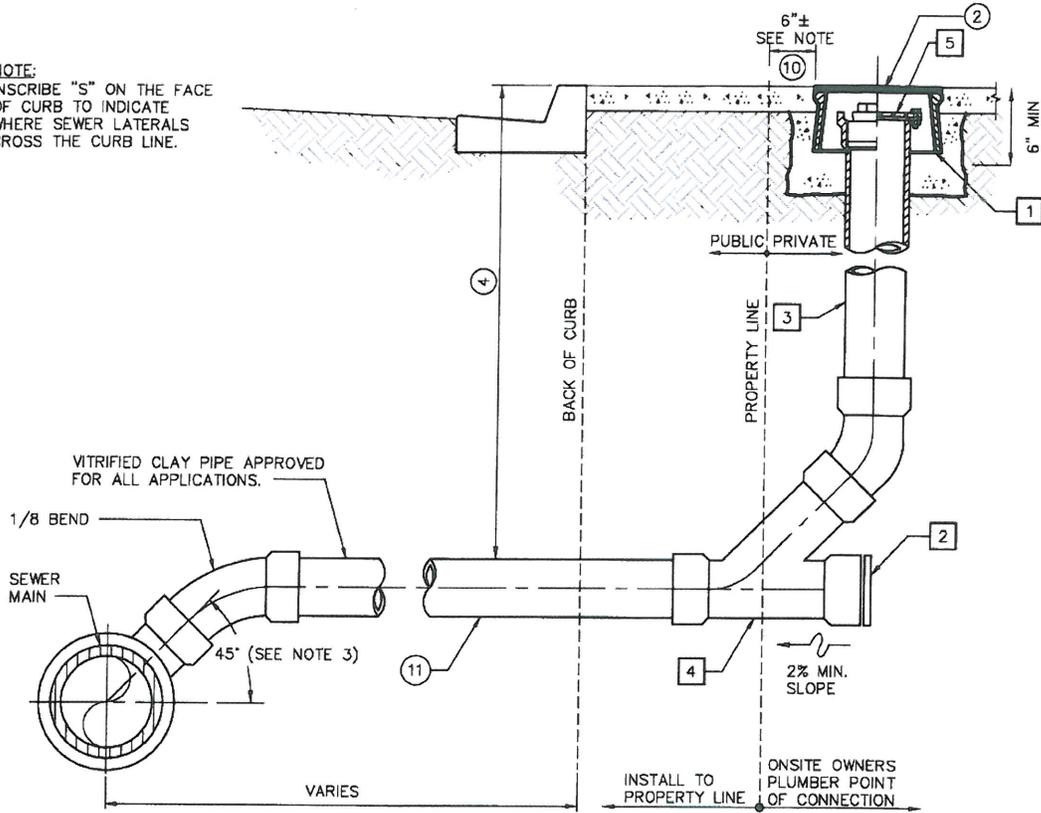


NOTE:  
INSCRIBE "S" ON THE FACE  
OF CURB TO INDICATE  
WHERE SEWER LATERALS  
CROSS THE CURB LINE.



**MATERIALS**

- 1 CLEANOUT FRAME MARKED SEWER PER EQUIVALENT MATERIALS LIST.
- 2 APPROVED PLUG AT END OF PIPE.
- 3 MINIMUM 4" DIAMETER SEWER PIPE FOR SINGLE FAMILY RESIDENCE AND MIN. 6" DIAMETER FOR MULTI FAMILY RESIDENCE, COMMERCIAL AND INDUSTRIAL.
- 4 4" SWEEPING CLEANOUT ABS PER EQUIVALENT MATERIALS LIST.
- 5 CLEANOUT ACCESS RISER TO BE CAPPED W/ CAP, BAND SEAL, PLUGGED, OR FLANGED DEPENDING ON APPLICATION.

**NOTES**

- SEE DRAWING NO. 4001 FOR REQUIREMENTS WHEN SEWER CONNECTION IS CONSTRUCTED IN THE VICINITY OF A WATER MAIN.
- 1 PLACE CLEANOUT INSIDE PRIVATE PROPERTY.
  - 2 LID MUST BE CAST IRON FOR LOCATING PURPOSES AND MARKED SEWER.
  - 3 WYES LESS THAN 6' DEEP SHALL BE TO 22 1/2" BEND.
  - 4 DEPTH OF LATERAL AT CURB LINE AND PROPERTY LINE TO BE NO LESS THAN 4.5' DEEP WITHOUT CITY'S APPROVAL.
  - 5 BACKFILL OVER LATERALS TO BE COMPACTED BY TAMPING ONLY. BEDDING SHALL BE 4" MINIMUM THICKNESS USING 3/4" MAXIMUM CRUSHED ROCK.
  - 6 FOR CONNECTIONS TO MAINS LESS THAN 12", MAKE CONNECTIONS WITH WYE OR SADDLE WYE.
  - 7 FOR CONNECTIONS TO MAINS 12" OR LARGER, MAKE CONNECTIONS WITH CORED HOLE AND SADDLE TEE.
  - 8 GRADE PARKWAY AT 2% TOWARDS CURB OR BACK OF SIDEWALK OR AS DIRECTED BY THE CITY ENGINEER.
  - 9 WHERE LATERAL IS CONSTRUCTED UNDER AN EXISTING CURB, THE CONTRACTOR SHALL CHISEL THE LETTER "S" INTO THE CURB FACE DIRECTLY ABOVE THE LATERAL. "S" TO BE 1-1/2" HIGH & 3/16" DEEP.
  - 10 LOCATE CLEANOUT FRAME 6"± BEHIND BACK OF PROPERTY LINE.
  - 11 LATERALS SIZED BY CITY, RECOMMENDED BY DESIGN ENGINEER, SHALL BE AT RIGHT ANGLES TO THE MAIN LINE OF THE STREET.
  - 12 MANHOLE WILL BE REQUIRED AT SEWER MAINLINE FOR LATERAL 8" OR GREATER
  - 13 MANHOLE REQUIRED AT PROPERTY LINE FOR SEWER LATERAL 8" OR GREATER (MONITORING MANHOLE INLINE)
  - 14 LATERALS MAY BE CONSTRUCTED IN PRIVATE DRIVEWAYS WHEN ADEQUATE SEPARATION FROM OTHER UTILITIES OR PUBLIC IMPROVEMENTS IS NOT FEASIBLE, AS DIRECTED BY CITY ENGINEER.



APPROVED BY:		10.5.15	
<i>Louis Abi-Younes</i>		44485	
LOUIS ABI-YOUNES, CITY ENGINEER		RCE	DATE
RECOMMENDED:		9/17/15	
<i>Dennis Mejia</i>		62268	
DENNIS MEJIA, UTILITIES ENGINEERING DIRECTOR		RCE	DATE
REV	DESCRIPTION	BY	APP'D DATE

<b>CITY OF ONTARIO</b>	
<b>SEWER LATERAL</b>	
STANDARD DRAWING NUMBER	<b>2003</b>