



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

VITRIFIED CLAY PIPE APPROVED FOR ALL APPLICATIONS.

MITERED 1/16 OR 22-1/2' BEND

SEWER MAIN

WYE

45° (SEE NOTE 3)

2% MIN., 20% MAX SLOPE

2% MIN. SLOPE

LENGTH VARIES: INSTALL TO PROPERTY LINE

ONSITE OWNERS PLUMBER POINT OF CONNECTION

CAST IRON COVER
Weight = 15 lbs.

CAST IRON RING

DETAIL "A"
NOT TO SCALE

CONSTRUCTION NOTES:

- ① CONCRETE HOUSING MARKED SEWER PER EQUIVALENT MATERIALS LIST AND DETAIL "A" ON THIS SHEET.
- ② APPROVED PLUG.
- ③ LATERAL SIZE RECOMMENDED BY DESIGN ENGINEER. MINIMUM 4" DIAMETER SEWER PIPE FOR SINGLE FAMILY RESIDENTIAL AND MIN. 6" DIAMETER FOR MULTI FAMILY RESIDENTIAL, COMMERCIAL AND INDUSTRIAL.
- ④ 4" OR 6" ONE-WAY CLEANOUT WYE ABS PER EQUIVALENT MATERIALS LIST.
- ⑤ CLEANOUT ACCESS RISER WITH ABS THREADED COUPLING AND PLUG.
- ⑥ BOLT DOWN H-20 TRAFFIC RATED LID REQUIRED IN VEHICLE TRAFFIC OR PAVED AREAS.
- ⑦ ONE CONTINUOUS 4" OR 6" ABS RISER ONLY.
- ⑧ MINIMUM DEPTH OF LATERAL AT CURB LINE AND PROPERTY LINE TO BE DETERMINED IN THE FIELD.
- ⑨ LOCATE CONCRETE HOUSING 6" BEHIND BACK OF PROPERTY LINE.
- ⑩ VCP TO ABS COUPLING.
- ⑪ 4" OR 6" ABS PUP.

NOTES:

SEE STD. NO. 4001 FOR REQUIREMENTS WHEN SEWER CONNECTION IS CONSTRUCTED IN THE VICINITY OF A WATER MAIN.

- 1. PLACE CLEANOUT WITHIN PRIVATE PROPERTY.
- 2. LID MUST BE CAST IRON FOR LOCATING PURPOSES AND MARKED SEWER. BOLT DOWN H-20 TRAFFIC RATED LID REQUIRED IN VEHICLE TRAFFIC OR PAVED AREAS.
- 3. WYES LESS THAN 6' DEEP SHALL BE INSTALLED AT A 22-1/2° ANGLE.
- 4. BACKFILL AND BEDDING SHALL BE PER STD. NO. 2104 AND 2105.
- 5. FACTORY INSTALLATION WYE REQUIRED ON NEW MAINS.
- 6. FOR CONNECTIONS TO EXISTING MAINS, CUT IN A WYE OR CORE HOLE WITH A SADDLE WYE PER STD. NO. 2005. FOLLOWING SADDLE WYE INSTALLATIONS CCTV MUST BE PERFORMED BETWEEN MAIN MANHOLES. IF MAIN IS DAMAGED, MAIN MUST BE REPLACED AND A FACTORY WYE SHALL BE INSTALLED INSTEAD.
- 7. GRADE PARKWAY AT 2% TOWARDS CURB OR BACK OF SIDEWALK OR AS DIRECTED BY THE CITY ENGINEER.
- 8. 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.
- 9. IN LIEU OF WYE, MANHOLE REQUIRED AT SEWER MAINLINE FOR LATERALS 8" AND GREATER OR INVERT 20' DEEP OR GREATER, REGARDLESS OF LATERAL SIZE. MANHOLES TO BE INSTALLED PER STD. NO. 2001.
- 10. IN LIEU OF CLEANOUT, MANHOLE REQUIRED AT PROPERTY LINE FOR SEWER LATERALS 8" AND GREATER OR MAIN INVERTS 20' DEEP AND GREATER, REGARDLESS OF LATERAL SIZE. MANHOLES TO BE INSTALLED PER STD. NO. 2001.
- 11. LATERALS MAY BE CONSTRUCTED IN PRIVATE DRIVEWAYS WHEN ADEQUATE SEPARATION FROM OTHER UTILITIES OR PUBLIC IMPROVEMENTS IS NOT FEASIBLE, AS DIRECTED BY CITY ENGINEER. BOLT DOWN H-20 TRAFFIC RATED LID REQUIRED.
- 12. LATERALS SHALL BE PLACED PERPENDICULAR TO MAIN LINE.
- 13. LATERAL PROFILES MAY BE REQUIRED AT THE DISCRETION OF ONTARIO MUNICIPAL UTILITIES COMPANY.



APPROVED BY:		5-24-23	
		62809	
KHOI DO, CITY ENGINEER		RCE	DATE
RECOMMENDED:		5/24/23	
		62268	
DENNIS MEJIA, UTILITIES ENG DIVISION MGR		RCE	DATE
REV	DESCRIPTION	BY	APP'D DATE

CITY OF ONTARIO

SEWER LATERAL

STANDARD DRAWING NUMBER

2003