



NOTES:

1. ELBOWS SHALL NOT BE GREATER THAN 45 DEGREES.
2. CLEAN OUT IS REQUIRED FOR EACH PIPE LENGTH GREATER THAN 100- FEET AND FOR EACH 135 DEGREES ACCUMULATED ELBOW PER 100- FEET.
3. RIGHT-OF-WAY RESTORATION SHALL MATCH OR EXCEED THE ORIGINAL CONDITION AND BE IN ACCORDANCE WITH CITY STANDARD DETAIL S-100.
4. FOR PIPE PLACED UNDER PAVED AREAS, THE BACKFILL ABOVE PIPE ZONE BEDDING SHALL BE PLACED IN HORIZONTAL LAYERS NO MORE THAN 6-INCHES THICK AND COMPACTED TO 95% MAXIMUM DRY DENSITY.
5. ALL HOUSE PLUMBING OUTLETS MUST BE CONNECTED TO THE SEWER. NO DOWNSPOUTS OR STORM DRAINAGE MAY BE CONNECTED TO THE SEWER SYSTEM.
6. 6- FEET MINIMUM COVERAGE AT PROPERTY LINE.
7. LAY PIPE IN STRAIGHT LINE BETWEEN BENDS. ALL CHANGES IN GRADE OR LINE SHALL BE MADE WITH FITTINGS 45 DEGREES OR LESS. 90 DEGREES FITTINGS ARE NOT ALLOWED.
8. 6-INCH SEWER PIPE MINIMUM SIZE IN STREET, AND ELSEWHERE AS DIRECTED BY ENGINEER. 2% MINIMUM GRADE (UNLESS DIRECTED BY ENGINEER) 50% MAXIMUM.
9. 4-INCH SEWER PIPE MINIMUM SIZE ON PROPERTY. 2% MINIMUM GRADE, 100% (45 DEGREE) MAXIMUM.
10. CONSTRUCTION IN STREET MUST BE DONE BY A LICENSED CONTRACTOR.
11. ALL CONSTRUCTION REQUIRES A PERMIT AND PAYMENT OF FEE, COMPLETE LEGAL DESCRIPTION OF PROPERTY AND DIMENSIONS.
12. BACKFLOW PREVENTER (CHECK VALVE) IS REQUIRED:
 - A. IF CONNECTED TO A COMBINED SIDE SEWER.
 - B. IF CONNECTION ELEVATION AT HOUSE IS LOWER THAN UPSTREAM MANHOLE LID.
13. AS-BUILT DRAWING SHOWING LOCATION OF SIDE SEWER IN RELATION TO THE HOUSE IS REQUIRED AFTER INSTALLATION.
14. CLEANOUTS SHALL BE VISIBLE AT FINISH GRADE. IF INSTALLED BELOW FINISH GRADE, AN ACCESSIBLE COVER IS REQUIRED.

**STANDARD DETAIL
RESIDENTIAL SIDE
SEWER INSTALLATION**



SCALE: AS SHOWN	DATE DRAWN 12/04/2020	REVISIONS	
		DATE	INITIAL
DESIGNED	CHECKED	01/01/2022	AJS
DRAWN CAW	DATE APPROVED	03/31/2023	JTB
APPROVED BY			
STANDARD SPECIFICATIONS			

DETAIL NO.
S-110

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