



<u>PIPE SIZE</u>	<u>"N"</u>	<u>SLOPE (NOT LESS THAN)</u>
8" DIA	0.009	.0034 FT/FT (SEE NOTE 6)
10" DIA	0.009	.0025 " " "
12" DIA	0.009	.0020 " " "
15" DIA	0.009	.0015 " " "
18" DIA	0.009	.0012 " " "

NOTES:

1. THE MINIMUM PIPE SIZE SHALL BE 8" DIAMETER.
2. A MANHOLE SHALL BE INSTALLED AT ALL INTERSECTING STREETS/LINES.
3. ALL CONNECTIONS TO SANITARY SEWERS SHALL BE MADE AT WYES OR BY SAWING A HOLE AND INSTALLING A COLLAR WYE SADDLE.
4. THE DEPARTMENT OF PUBLIC WORKS SHALL BE SUPPLIED WITH AN AS-BUILT PLAN SHOWING LOCATIONS OF ALL LATERALS, BY THE ARCHITECT OR ENGINEER OF PROJECT.
5. MANNINGS "N" SHALL BE NOT LESS THAN 0.009 FOR ALL TYPES OF PIPE.
6. 8" DIA. PIPE AT A SLOPE OF 0.006 FT/FT MINIMUM ON ENDS OF RUNS UP TO 15 CONNECTIONS, OVER 15 CONNECTIONS USE SLOPE PER TABLE ABOVE.
7. PROVIDE A MINIMUM COVER OF 3 FEET. WHERE MINIMUM COVER CANNOT BE OBTAINED, CONCRETE ENCASEMENT OR CAST IRON PIPE SHALL BE USED. SEWER LATERALS SHALL HAVE A MINIMUM OF 4 FEET OF COVER FROM FINISHED GRADE TO TOP OF LATERAL AT BACK OF SIDEWALK.
8. THE USE OF 6" DIAMETER PIPE, NOT EXCEEDING A LENGTH OF 200 FEET AND A SLOPE OF 0.007 FT/FT ON NON-EXTENDABLE RUNS MAY BE PERMITTED BY SPECIAL APPROVAL OF THE CITY ENGINEER. NO MORE THAN 6 HOUSES CAN BE SERVED.
9. PIPE SHALL BE LAID TO GRADE BY MATCHING CROWNS RATHER THAN INVERTS TO INSURE GRAVITY FLOW.
10. CUT SHEETS WILL BE DELIVERED, PRIOR TO CONSTRUCTION, TO THE CITY ENGINEER.
11. LAMPHOLES CAN BE USED FOR SHORT CUL-DE-SAC RUNS WHERE LINE WILL NOT BE EXTENDED, AND ON SHORT RUNS OF PIPE THAT WILL BE EXTENDED, WHERE A MANHOLE WILL BE INSTALLED AT A LATER DATE.

NO.	REVISED	BY	Sanitary Sewer Data	APPROVED
▲	1-2003	MJM		<i>[Signature]</i> CITY ENGINEER RCE-28191
DRAWN BY: MATT				DATE: 2-2-99
CHECKED BY: DJR			CITY OF RIPON	STANDARD NO. S-5
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