



NOTES:

- WHEN EXCAVATION IS IN ROCKY GROUND, USE THE GREATER OF 1/4 PIPE O.D. OR 4" MINIMUM.
- FOR 18" DIAMETER OR LESS, USE 6" MINIMUM, 9" MAXIMUM; FOR GREATER THAN 18" DIA. USE 9" MINIMUM, 12" MAXIMUM.
- FOR UNSTABLE TRENCH PROVIDE DRAIN ROCK FOR WIDTH OF TRENCH, DEPTH AS SPECIFIED ON THE IMPROVEMENT PLANS OR BY THE ENGINEER.
- NEW STREET SECTION PER IMPROVEMENT PLANS.
- TRENCH BACKFILL, 95% RELATIVE COMPACTION WITHIN 30" OF FINISH GRADE. REMAINING BACKFILL, 90% RELATIVE COMPACTION.

SIEVE SIZE	% PASSING
3/4"	95%
NO. 4	65% MIN.
NO. 100	15% MAX.
- BACKFILL WITH NATIVE MATERIAL REMOVED FROM UPPER 30", 85% RELATIVE COMPACTION.
- PIPE BEDDING, 90% RELATIVE COMPACTION.

SIEVE SIZE	% PASSING
3/4"	95 - 100%
NO. 4	55 - 100%
- COMPACTION BY HAND AND MECHANICAL TAMPING IN 8" MAXIMUM LIFTS.



DESIGN AND CONSTRUCTION STANDARDS

TRENCH DETAIL

SERVICE LATERAL / SEWER MAIN

[Signature]

TIM ERIKSEN, PUBLIC WORKS DIRECTOR / CITY ENGINEER

DRAWING NO.

220

DRAWN BY: A.S.

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