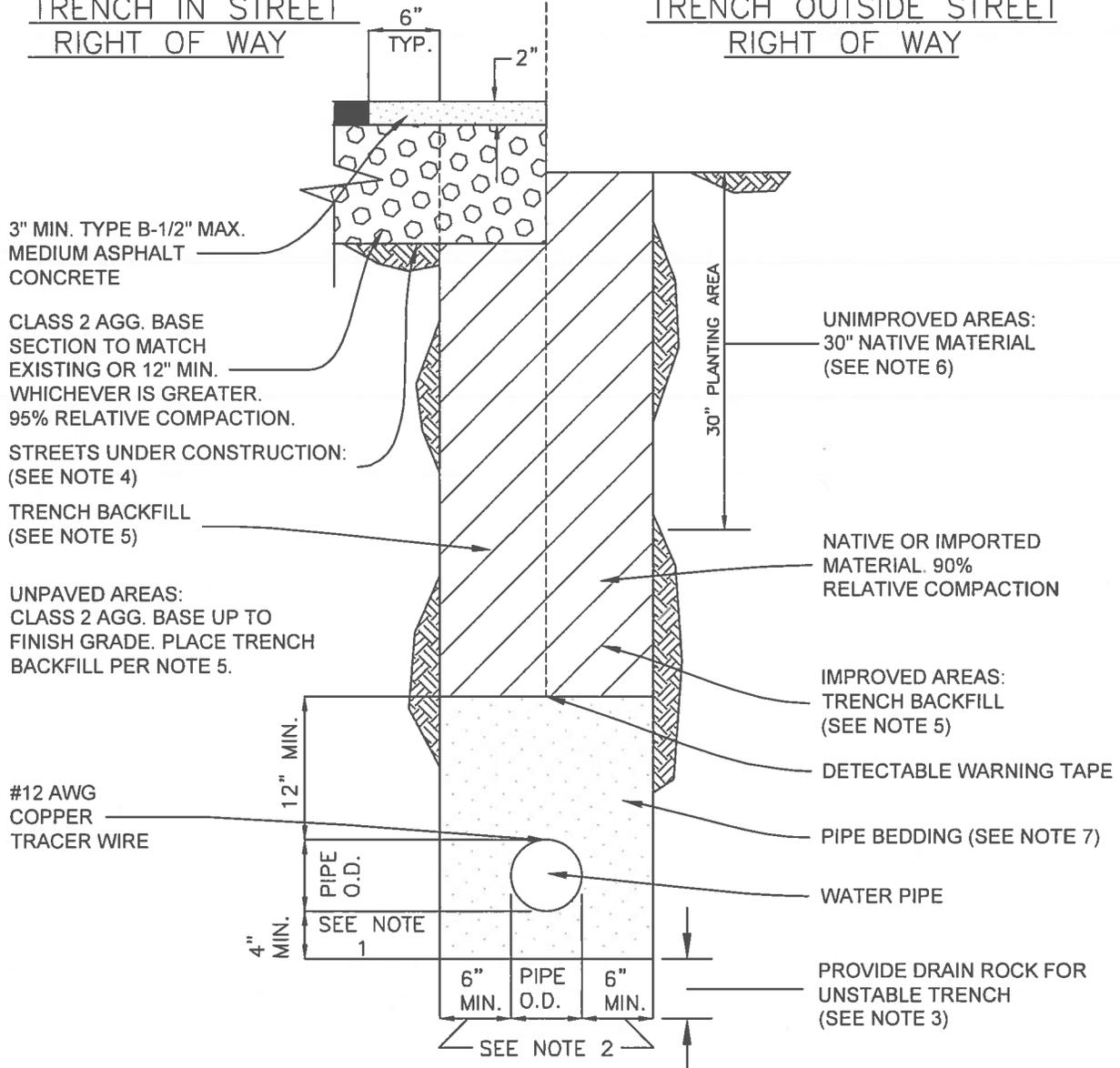


**TRENCH IN STREET
RIGHT OF WAY**

**TRENCH OUTSIDE STREET
RIGHT OF WAY**



NOTES:

1. WHEN EXCAVATION IS IN ROCKY GROUND, USE THE GREATER OF 1/4 PIPE O.D. OR 4" MINIMUM.
2. FOR 18" DIAMETER OR LESS, USE 6" MINIMUM, 9" MAXIMUM; FOR GREATER THAN 18" DIA. USE 9" MINIMUM, 12" MAXIMUM.
3. FOR UNSTABLE TRENCH PROVIDE DRAIN ROCK FOR WIDTH OF TRENCH, DEPTH AS SPECIFIED ON THE IMPROVEMENT PLANS OR BY THE ENGINEER.
4. NEW STREET SECTION PER IMPROVEMENT PLANS.
5. 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.
6. BACKFILL WITH NATIVE MATERIAL REMOVED FROM UPPER 30", 85% RELATIVE COMPACTION.
7. PIPE BEDDING, 90% RELATIVE COMPACTION.

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



DESIGN AND CONSTRUCTION STANDARDS

TRENCH DETAIL FOR WATER LINE

Tim Eriksen

TIM ERIKSEN, PUBLIC WORKS DIRECTOR / CITY ENGINEER

DRAWING NO.
320

DRAWN BY: A.S.

DEC. 2019 - NTS