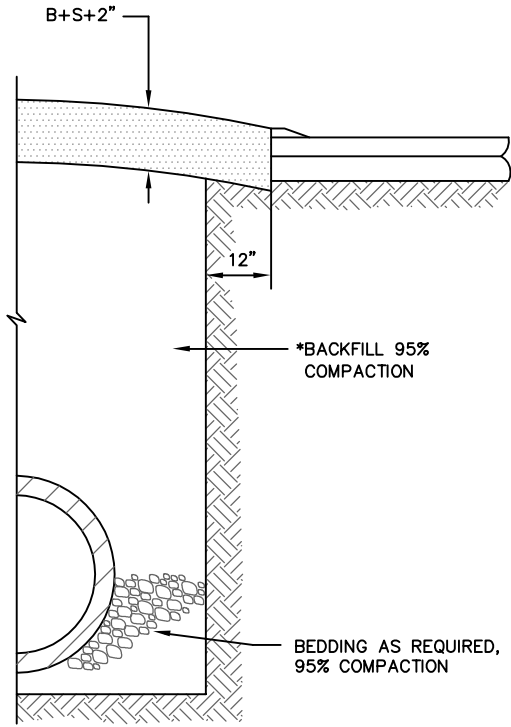


TYPICAL SLOPED TRENCH



TYPICAL VERTICAL TRENCH

NOTES:

1. TRENCH TO BE SLOPED OR BRACED AND SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKMEN AND THE PROTECTION OF OTHER UTILITIES.
2. TACK COAT ALL PAVEMENT SURFACES PRIOR TO INSTALLATION OF NEW PAVEMENT.
3. THE PATCH SHALL BE FULL DEPTH ASPHALT AND EXTEND 12" BEYOND THE EDGE OF TRENCH. DEPTH OF ASPHALT SHALL BE THE DEPTH OF EXISTING BASE PLUS THE DEPTH OF EXISTING SURFACE PLUS (2) INCHES.
4. PIPE ZONE OF TRENCH TO BE BACKFILLED IN SIX (6) INCH LIFTS. THESE SIX (6) INCH LIFTS ARE TO BE HAND TAMPED.
5. TRENCH TO BE BACKFILLED IN TWELVE (12) INCH LIFTS ABOVE PIPE ZONE.
6. BACKFILL TO BE COMPACTED TO 95% IN ACCORDANCE WITH AASHTO T180 AND AASHTO T99. COMPACTION TESTS TO BE PERFORMED EVERY 24" OF VERTICAL TRENCH HEIGHT. HORIZONTAL DISTANCES BETWEEN TESTS NOT TO EXCEED 200'. A MINIMUM OF TWO TESTS TO BE PERFORMED FOR EACH 24' OF VERTICAL TRENCH HEIGHT.

COMPACTION
AASHTO T180
AASHTO T99

SOIL (ASTM D2487)
ALL "G" & "S" SOILS
ML, CL, MH, CH

REVISED 10-08-03 CADD DRAWING BY GTS CONSULTANTS, INC.

DATE: JAN. 1991
DRAWN: G.G.&J.T.R.
SCALE: NONE

**LAKWOOD TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY**

**TYPICAL TRENCH
DETAILS**