



PLACE AND COMPACT COMMON FILL MATERIAL IN 12" LIFTS OR AS SPECIFIED

FINISH GRADE

SIDE SLOPE PER OSHA REQUIREMENTS

3M MARKER TAPE MAX DEPTH 4 FT.

EXCAVATION LIMITS FOR DRY UNDISTURBED EARTH BEDDING

NORMAL EXCAVATION LIMIT FOR COMPACTED FILL BEDDING

$4/3 OD + 18"$   
(36" MIN.)  
4' MIN. FOR SHEETED

**NOTES:**

1. PRIMARY & SECONDARY ZONES SHALL BE INDIVIDUALLY COMPACTED LAYERS OF CLEAN FILL.
2. COMPACTION OF BACKFILL BENEATH PAVEMENT SHALL BE 98% OF AASHTO T-180, ALL OTHER AREAS SHALL BE 95% OF AASHTO T-180 UNLESS OTHERWISE REQUIRED BY ANOTHER AUTHORITY HAVING JURISDICTION.
3. PLACE APPROVED 3M MARKER TAPE OR EQUAL DIRECTLY ABOVE THE CENTERLINE OF THE PIPE.
  - 3.1. TAPE SHALL BE 12"-18" ABOVE THE PIPE.
  - 3.2. TAPE SHALL NOT EXCEED 4' DEPTH.
  - 3.3. IF TOP OF PIPE IS GREATER THAN 5' DEEP, AN ADDITIONAL LAYER OF WARNING TAPE SHALL BE PROVIDED 12"-18" OVER THE PIPE AND THE MARKER TAPE SHALL BE PLACED AT A DEPTH NOT TO EXCEED 4'.
4. SLOPES, BENCHING, AND/OR SHORING SHALL BE PER OSHA REQUIREMENTS.



EFFECTIVE DATE:	04/01/2025
BOARD APPROVED DATE:	01/22/2025
PREVIOUS VERSION:	2022
DRAWN BY:	MP
REVISED BY:	DT

**TYPICAL PIPE TRENCH**

DRAWING NUMBER  
**14**