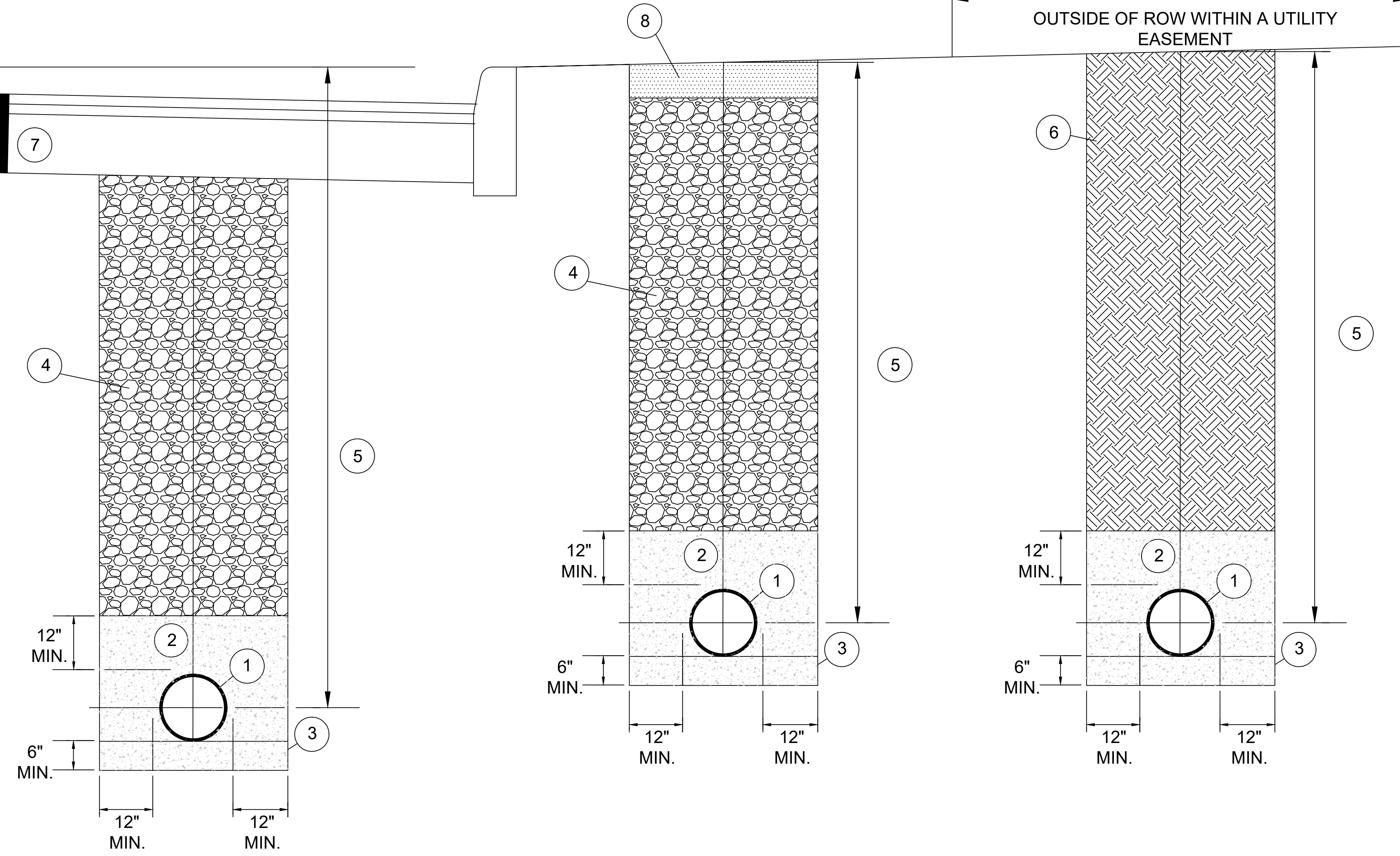


PAVEMENT
CENTERLINE

ROW



TYPICAL WATER MAIN TRENCH DETAILS

1. CEMENT LINED DUCTILE IRON PIPE CMS ITEM 254, MINIMUM THICKNESS CLASS 53, WITH V-BIO ENHANCED POLYETHYLENE ENCASUREMENT.
2. COMPACTED BANK RUN GRAVEL CMS ITEM 604 (NO CRUSHED/RECYCLED CONCRETE) TO 12 INCHES ABOVE THE PIPE, COST INCLUDED IN THE COST OF WATER MAIN.
3. UNDERCUT TRENCH BOTTOM IN ROCK OR VARIOUS SOIL CONDITIONS AS INDICATED ON THE PLANS, OR AT THE ENGINEER'S DISCRETION, MINIMUM 6 INCHES OF BANK RUN GRAVEL BEDDING CMS ITEM 604. IN WET TRENCH CONDITIONS, #57 WASHED GRAVEL CMS ITEM 603 MAY BE PLACED ON THE TRENCH FLOOR.
4. COMPACTED AGGREGATE BASE CMS ITEM 304 (NO SLAG) OR STABILIZED BACKFILL CMS ITEM 605, COST INCLUDED IN THE COST OF THE WATER MAIN.
5. LAY PROPOSED WATER MAIN WITH AXIS OF PIPE 5 FEET BELOW GRADE OR TO ALLOW A MIN. 4 FEET 6 INCHES COVER ABOVE THE WATER MAIN.
6. NATIVE SOIL, BACKFILL INSTALLATION PER 551.09, AS APPROVED BY THE ENGINEER, INCLUDED IN COST OF WATER MAIN.
7. TYPICAL PAVEMENT RESTORATION DETAIL, SEE CITY OF AKRON BUREAU OF ENGINEERING CONSTRUCTION STANDARD DRAWING BP-2, BP-3, BP-5.1, BP-6
8. TYPICAL LAWN STRIP RESTORATION DETAIL 4 INCHES CONCRETE SIDEWALK OR 6 INCHES DRIVE APRON CMS ITEM 456 OR 4 INCHES TOPSOIL CMS ITEM 653 AND LAWN SEEDING AND MULCHING CMS ITEM 659.

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE
WATER SUPPLY BUREAU

TYPICAL WATER MAIN TRENCH DETAILS

REV. DECEMBER 13, 2023

AKRON WATER SUPPLY BUREAU STANDARD DRAWINGS FOUND ONLINE AT
<http://www.akronohio.gov/water>

RAJL
UTILITIES ENGINEER

STANDARD CONSTRUCTION
DRAWING NO.

W-1.0