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- A cross-sectional diagram of a pipe installation. The diagram shows a central pipe surrounded by bedding stone, which is in turn surrounded by normal soil conditions. Above the soil is a layer of backfill, and above that is the finish grade. Dimensions are indicated: 12 inches for the excavation limits on either side of the pipe diameter, 3 inches minimum for the backfill layer, and 4 inches for the bedding stone layer. Labels include: FINISH GRADE, EXCAVATION LIMITS, 12" PIPE DIA., 12", NON-DETECTABLE WARNING TAPE TO BE INSTALLED WITH NON-METALLIC PIPE, PIPE SIZE & MATERIAL AS SHOWN ON PLAN, BEDDING STONE TO SPRING LINE OF PIPE AT A MINIMUM, OR PER MANUFACTURER'S RECOMMENDATION, LOCATION OF TRACER WIRE WITH NON-METALLIC PRESSURE PIPE 12 GAUGE MIN. WIRE, (6" IN ROCK CONDITIONS), 4", NORMAL SOIL CONDITIONS, BACKFILL ONLY WITH APPROVED MATERIAL PER APPLICABLE LOCALITY OR VDOT STANDARDS, 3' MIN.

A cross-sectional diagram of a trench. The top horizontal dimension is labeled "EASEMENT WIDTH (20' MIN.)". The vertical dimension from the "FINISHED GRADE" line to the bottom of the trench is labeled "FULL DEPTH". The bottom of the trench is a horizontal line. The trench walls are sloped, with a slope indicator of 1 horizontal to 1 vertical (1/1). A circular pipe is shown at the bottom center of the trench, with its diameter labeled "D". The area above the finished grade is hatched with diagonal lines.

- | WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS | | | |
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| REVISION DATE | | SANITARY SEWER AND
WATER LINE
EASEMENTS | G-03 |
| 07/01/04 | | | |
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