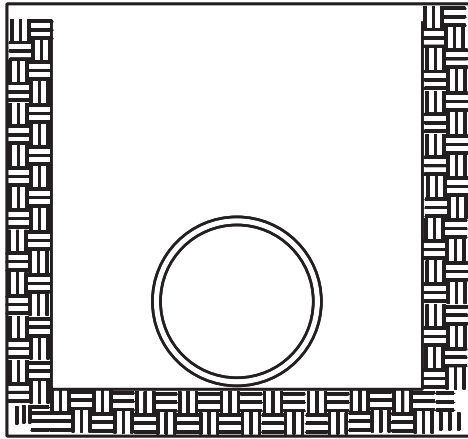
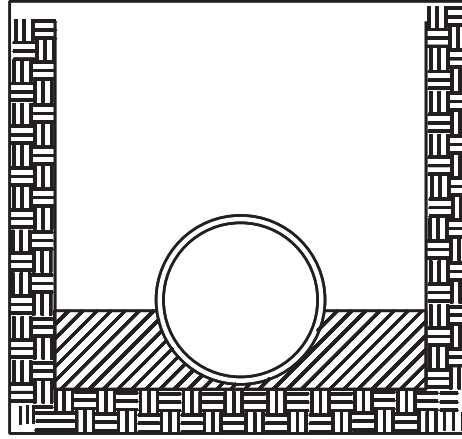


TYPE 1*



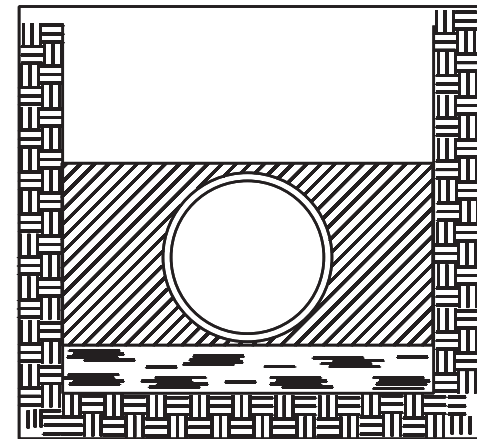
**FLAT-BOTTOM TRENCH. †
LOOSE BACKFILL.**

TYPE 2



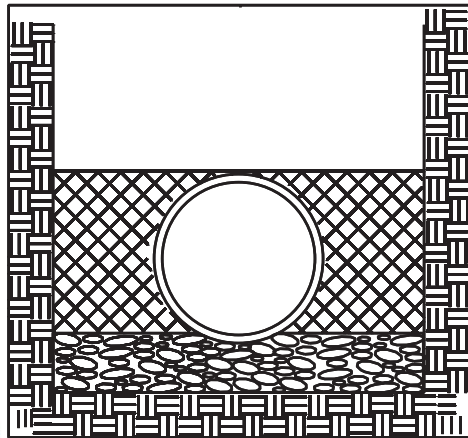
**FLAT-BOTTOM TRENCH. † BACKFILL
LIGHTLY CONSOLIDATED TO
CENTERLINE OF PIPE.**

TYPE 3



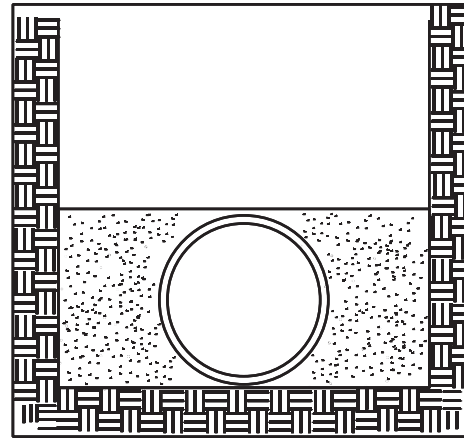
**PIPE BEDDED IN 4-IN. MINIMUM
LOOSE SOIL ‡ BACKFILL LIGHTLY
CONSOLIDATED TO TOP OF PIPE.**

TYPE 4



**PIPE BEDDED IN GRAVEL, OR
CRUSHED STONE TO DEPTH OF 1/8 PIPE
DIA., 4-IN. MINIMUM. BACK-FILL COMPACTED
TO TOP OF PIPE. (APPROXIMATELY 80
STANDARD PROCTOR, AASHTO T-99).**

TYPE 5



**PIPE BEDDED TO ITS CENTERLINE IN
COMPACTED GRANULAR MATERIAL, 4-IN. MIN.
UNDER PIPE. COMPACTED GRANULAR OR
SELECT MATERIAL ‡ TO TOP OF PIPE. (APPROXIMATELY
90 STANDARD PROCTOR, AASHTO T-99).**

* FOR 14IN. AND LARGER PIPE, CONSIDERATION SHOULD BE GIVEN TO THE USE OF LAYING CONDITIONS OTHER THAN TYPE 1.

† "FLAT BOTTOM" IS DEFINED AS UNDISTURBED EARTH.

‡ "LOOSE SOIL" OR "SELECT MATERIAL" IS DEFINED AS NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCKS, FOREIGN MATERIALS, AND FROZEN EARTH.