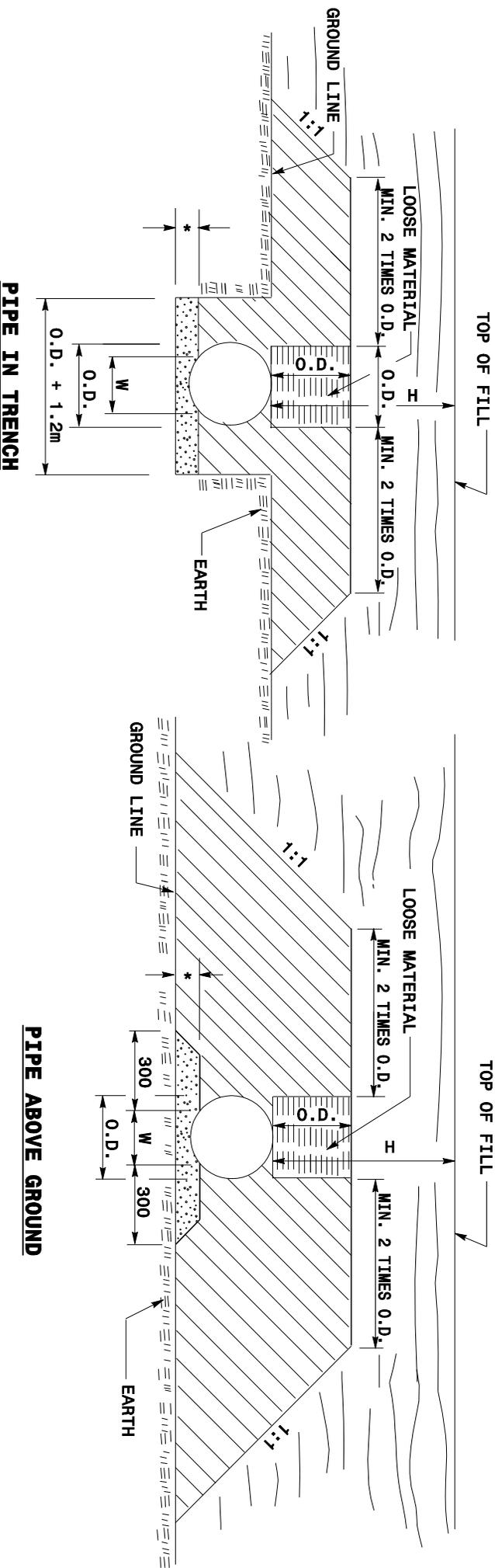


7-06

**METHOD OF STRUCTURAL PLATE
PIPE AND ARCH INSTALLATION**

METRIC STANDARD DRAWING FOR

METHOD 'B'



GENERAL NOTES:
USE METHOD 'B' PIPE INSTALLATION ONLY WHERE CALLED FOR ON THE PLANS.
O.D. = THE MAXIMUM HORIZONTAL OUTSIDE DIMENSION.
H = THE FILL HEIGHT MEASURED VERTICALLY AT ANY POINT ALONG THE PIPE FROM THE TOP OF THE PIPE TO THE TOP OF THE EMBANKMENT AT THAT POINT.
W = WIDTH OF SHAPED BEDDING

LOOSELY PLACED APPROVED SUITABLE LOCAL MATERIAL OR SELECT MATERIAL FOR FOUNDATION CONDITIONING AS DIRECTED BY THE ENGINEER. (STONE WILL NOT BE ALLOWED)

SELECT MATERIAL OF THE APPROPRIATE CLASS AS FOLLOWS:

	SELECT BACKFILL
CLASS IV	OVER 15.2m
CLASS III	OVER 12.2m THROUGH 15.2m
CLASS II	OVER 9.1m THROUGH 12.2m

NOTE: A HIGHER CLASS SELECT MATERIAL, NOT TO EXCEED CLASS IV, MAY BE USED IN LIEU OF CLASS II OR III.

LOOSE COMPRESSIBLE MATERIAL. THE BOTTOM THIRD OF THIS MATERIAL WILL BE UNBALED HAY OR STRAW. PLACE THE REMAINING APPROVED BACKFILL IN A LOOSE UNCOMPACTED CONDITION. WHEN 'H' IS LESS THAN 9.1m, THE LOOSE MATERIAL AND HAY IS NOT REQUIRED.

PREPARE THE PIPE FOUNDATION IN ACCORDANCE WITH METHOD 'B' INSTALLATION. PLACE BACKFILL MATERIAL TO THE WIDTH REQUIRED BY THE DRAWING AND TO A DEPTH OVER THE PIPE EQUAL TO 'D'. EXCAVATE THE BACKFILL MATERIAL DIRECTLY OVER THE PIPE AND BACKFILL THE TRENCH WITH MATERIAL DEPOSITED IN THE LOOSEST POSSIBLE CONDITION. COMPLETE THE EMBANKMENT IN ACCORDANCE WITH SECTION 235 OF THE SPECIFICATIONS.

DO NOT OPERATE HEAVY EQUIPMENT OVER THE PIPE CULVERT UNTIL THE BACKFILL, INCLUDING THE TRENCH OF LOOSE COMPRESSIBLE MATERIAL, HAS BEEN COMPLETED.

* O.D./12 NOT LESS THAN 150mm MIN.

Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

7-06

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