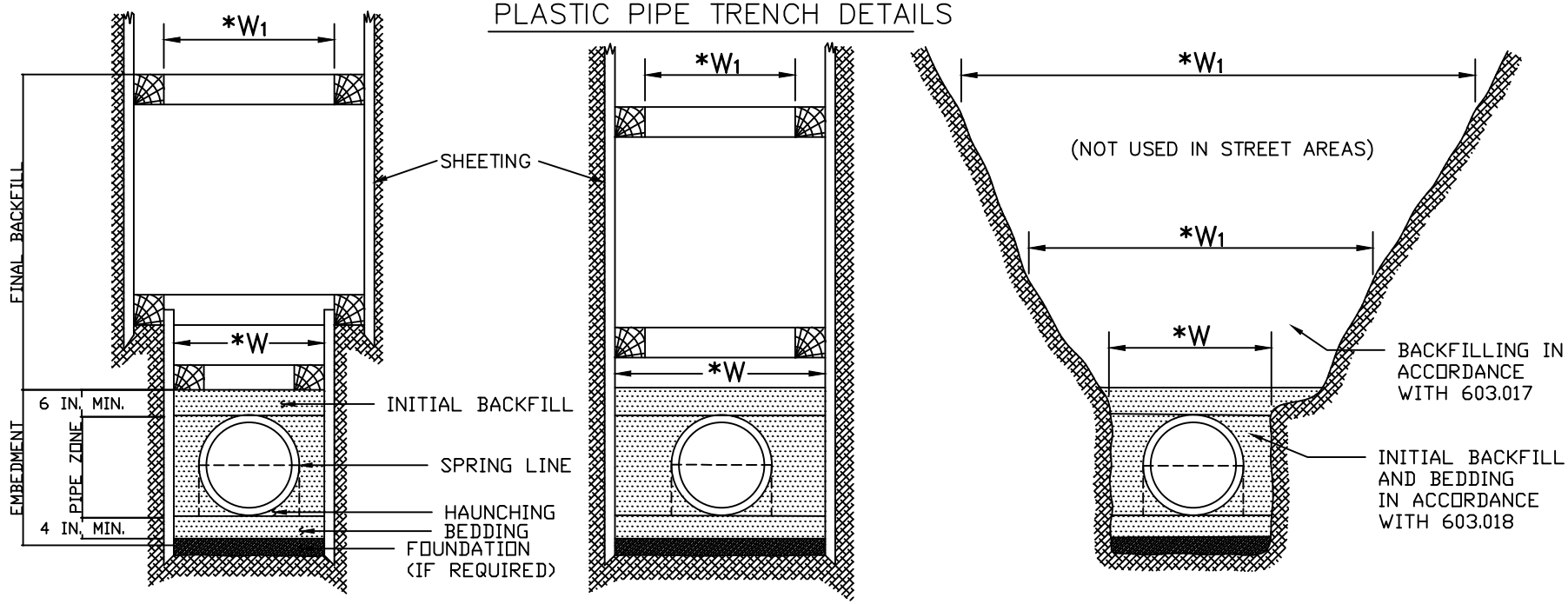
PLASTIC PIPE TRENCH DETAILS



NOTES:

1. ALL TRENCHES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS (LATEST EDITION). PLEASE REFER TO ACC. NO. 49032 FOR RIGID PIPE TRENCH DETAILS.
2. PLASTIC PIPE SHALL BE INSTALLED IN FULL COMPLIANCE WITH ASTM D-2321 (LATEST EDITION).
3. MINIMUM TRENCH WIDTH (W) SHALL NOT BE LESS THAN THE GREATER OF EITHER THE PIPE OUTSIDE DIAMETER PLUS 16 INCHES OR THE PIPE OUTSIDE DIAMETER TIMES 1.25 PLUS 12 INCHES. W_1 MAY BE EQUAL TO W, OR CAN BE MODIFIED AS GOVERNED BY SURFACE OR SUB-SURFACE CONDITIONS.
4. BACKFILLING PLASTIC PIPE SHALL BE IN ACCORDANCE WITH 603.017 (CITY SUPPLEMENT TO ODOT - LATEST EDITION). MINIMUM COVER SHALL BE IN ACCORDANCE WITH ASTM D-2321 SECTION 7.6.
5. CLASS I AND CLASS II BEDDING AND INITIAL BACKFILL SHALL BE USED FOR PLASTIC PIPE IN ACCORDANCE WITH 603.018 (CITY SUPPLEMENT TO ODOT - LATEST EDITION):
   - 5.1. CLASS I MATERIAL (CRUSHED/ANGULAR NO. 57) SHALL BE USED WHEN THE DEPTH OF COVER ON THE CONDUIT IS BETWEEN 14 TO 35 FEET.
   - 5.2. CLASS II MATERIAL SHALL BE USED WHEN THE DEPT OF COVER ON THE CONDUIT IS 14 FEET OR LESS.

THE
METROPOLITAN SEWER DISTRICT
OF
GREATER CINCINNATI

CONTROL DIMENSIONS FOR TYPICAL TRENCHES FOR PLASTIC CONDUITS

NO SCALE DATE: NOVEMBER 2026

APPROVED: Reece P Johnson 11/10/2026 9:35:

SEWERS CHIEF ENGINEER
Reece Johnson

ACC. NO. 49032-A