

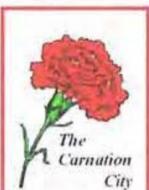
PIPE BEDDING NOTES

1. TYPE 2 PIPE BEDDING SHALL CONSIST OF STRUCTURAL BACKFILL TYPE 1 OR TYPE 2, MEETING 703.11. LIMESTONE, CRUSHED GRAVEL, NATURAL SAND AND SAND MANUFACTURED FROM STONE ARE PERMITTED. FOUNDRY SAND, ACBF SLAG, GRANULAR SLAG, AND RECYCLED PORTLAND CEMENT CONCRETE ARE NOT PERMITTED.
2. FOR ALL RIGID PIPE (603.03 DEFINITION), BEDDING MAY BE TERMINATED AT THE 0.30 X RISE HEIGHT OF PIPE.
3. STRUCTURAL BACKFILL TYPE 3, CONSISTING OF LIMESTONE OR CRUSHED STONE MEETING 57 OR 67 GRADATION, MAY BE SUBSTITUTED WITH APPROVAL BY THE ENGINEER. AN APPROVED GEOTECHNICAL FABRIC BETWEEN THE BEDDING AND BACKFILL WILL BE REQUIRED TO PREVENT MIGRATION OF THE BACKFILL MATERIALS INTO THE BEDDING.
4. APPROVED COMPACTED GRANULAR MATERIAL PER ANSI/AWWA C150/A21.50 FOR D.I.P. WATERLINE, LAYING CONDITION 5.

TRENCH BACKFILL NOTES

1. ALTERNATE STRUCTURAL BACKFILL TYPE 1 OR TYPE 2 MAY BE SUBMITTED FOR APPROVAL A MINIMUM OF 14 CALENDAR DAYS PRIOR TO WORK. INCLUDE:
 - a. TYPE OF MATERIAL, ORIGIN, AND SUPPLIER.
 - b. GRADATION REPORT AND O.D.O.T. SPECIFICATION WHICH THE MIX MEETS.
 - c. PROPOSED COMPACTION METHOD, LIFT HEIGHTS, AND EQUIPMENT.
 - d. A REPRESENTATIVE SAMPLE IN A CLEAN CONTAINER WITH A LID, LARGER THAN 1 CUP BUT SMALLER THAN TWO POUND COFFEE CAN.
2. ALTERNATE MATERIALS THAT MAY BE CONSIDERED ARE LIMESTONE, CRUSHED GRAVEL, NATURAL SAND AND SAND MANUFACTURED FROM STONE. NOT PERMITTED ARE: FOUNDRY SAND, ACBF SLAG, GRANULAR SLAG, AND RECYCLED PORTLAND CEMENT CONCRETE.

PIPE MATERIAL	TRENCH WIDTH (W)
LONG SPAN	SPAN + 2'
CONCRETE	1.33 X O.D.
METAL & PLASTIC	1.25 X O.D. + 1'



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TRENCH DETAIL, BEDDING & BACKFILL

NOT TO SCALE
 ENGSERVR1 / E:/ DATA / ENGINEERING DOCUMENTS / STANDARD DRAWINGS/ COASTANDARDS.DWG

APPROVED BY:

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ALLIANCE PI-2
(1 OF 1)

Revisions / Drawn By

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