

CLASS I EMBEDMENT MATERIAL:

- CRUSHED STONE OR RECYCLED CRUSHED CONCRETE CONFORMING TO THE FOLLOWING:
 - A. 36" SIEVE 0% TO 5% RETAINED
 - B. NO. 4 SIEVE 35% TO 60% RETAINED
 - C. NO. 8 SIEVE 90% TO 100% RETAINED
- GRANULAR MATERIAL MUST BE CLEAN, FREE DRAINING AND FREE FLOWING. CONTAINS NO LUMPS, CLAY, OR ORGANICS. PARTICLE SIZE MUST PASS NO. 8 SIEVE BUT 100% RETAINED ON A NO. 60 SIEVE. MATERIAL MAY BE SAND OR CRUSHED STONE.
- 3. NATURAL GRAVEL UNCRUSHED, WASHED STONE WITH NO CLAY OR ORGANICS.
 - A. 1-1/2" SIEVE 100% PASSING
 - B. 34" SIEVE 100% RETAINED

GENERAL NOTES:

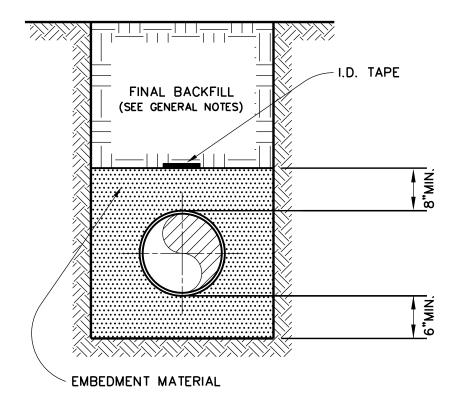
- 1. FOR THE DEFINITION OF THE BACKFILL MATERIAL TERMS SEE N.C.T.C.O.G. SPECIFICATIONS.
- 2. FINAL BACKFILL SHALL BE SELECT NATIVE MATERIAL COMPACTED TO THE TOP OF THE SUBGRADE IN 6 INCH LIFTS TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY ASTM D 698.
- 3. THE USE OF CEMENT STABILIZED SAND OR FLOWABLE FILL FOR FINAL BACKFILL IS RESTRICTED PRIMARILY TO LOCALIZED OR SPOT REPAIRS OF UTILITIES UNDER PAVING WHERE RESTORATION OF PAVING AND TRAFFIC IS TIME CRITICAL AS APPROVED BY THE ENGINEERING DEPARTMENT.
- 4. FOR USE IN EARTH OR ROCK UP TO A MAXIMUM OF 30'-0" EXCAVATION.
- 5. I.D. TAPE MUST BE 6" WIDE BY 4.0 MIL THICK POLYETHYLENE PLASTIC.

Revision Date: 12/12
Scale : N/A Date : 06/01/05
Design :
Drawn : JMK
Dwg. File: EMB_001.DGN
Project No. : STANDARD-DETAILS



CLASS I — WATER EMBEDMENT DETAIL PAGE

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CLASS II EMBEDMENT MATERIAL:

- CRUSHED STONE OR RECYCLED CRUSHED CONCRETE CONFORMING TO THE FOLLOWING:
 - A. 36" SIEVE 0% TO 5% RETAINED
 - B. NO. 4 SIEVE 35% TO 60% RETAINED
 - C. NO. 8 SIEVE 90% TO 100% RETAINED
- 2. NATURAL GRAVEL UNCRUSHED, WASHED STONE WITH NO CLAY OR ORGANICS.
 - A. 1-1/2" SIEVE 100% PASSING
 - B. 34" SIEVE 100% RETAINED

GENERAL NOTES:

- 1. FOR THE DEFINITION OF THE BACKFILL MATERIAL TERMS SEE N.C.T.C.O.G. SPECIFICATIONS.
- FINAL BACKFILL SHALL BE SELECT NATIVE MATERIAL COMPACTED TO THE TOP OF THE SUBGRADE IN 6 INCH LIFTS TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY ASTM D 698.
- 3. THE USE OF CEMENT STABILIZED SAND OR FLOWABLE FILL FOR FINAL BACKFILL IS RESTRICTED PRIMARILY TO LOCALIZED OR SPOT REPAIRS OF UTILITIES UNDER PAVING WHERE RESTORATION OF PAVING AND TRAFFIC IS TIME CRITICAL AS APPROVED BY THE ENGINEERING DEPARTMENT.
- 4. FOR USE IN EARTH OR ROCK UP TO A MAXIMUM OF 30'-0" EXCAVATION.
- 5. I.D. TAPE MUST BE 6" WIDE BY 4.0 MIL THICK POLYETHYLENE PLASTIC.

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CLASS II — WATER

EMBEDMENT DETAIL

APPLIES ONLY IF GROUND WATER IS PRESENT IN TRENCHLINE

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