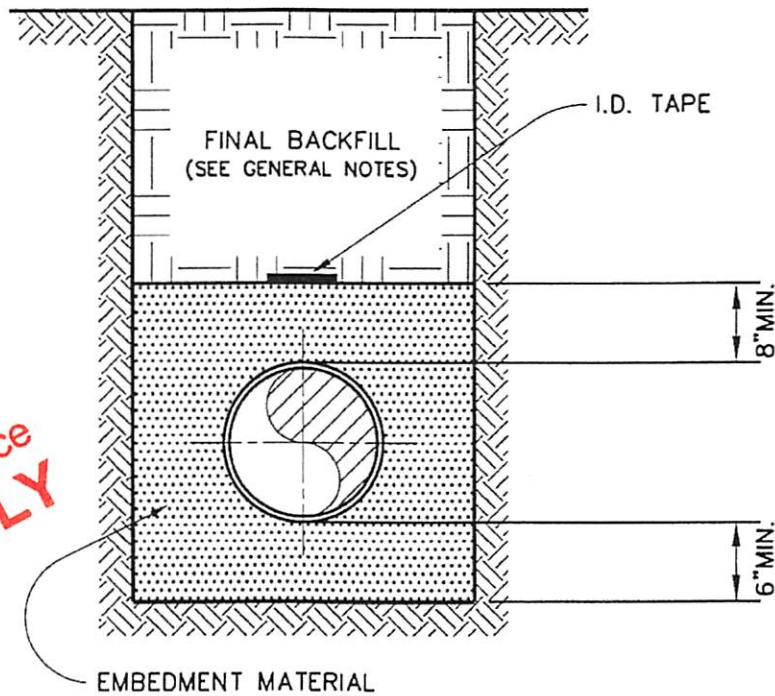


**Garland Fire Marshal's Office
REFERENCE ONLY**



CLASS I EMBEDMENT MATERIAL: SAND – MUST BE CLEAN, FREE DRAINING AND FREE FLOWING. CONTAINS NO LUMPS, CLAY, OR ORGANICS.

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.

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Revision Date: 03/14

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


GARLAND
 ENGINEERING
 STANDARD DETAILS

**CLASS I – WATER
EMBEDMENT DETAIL**

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