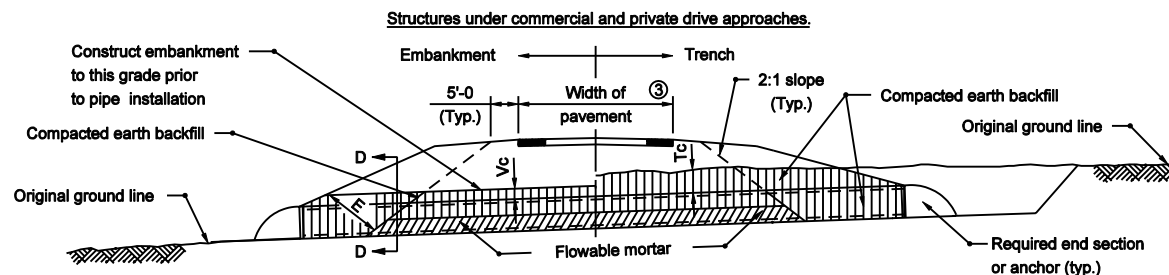


**SECTION D-D**  
**EMBANKMENT/TRENCH INSTALLATION**  
**ROCK FOUNDATION**

**LEGEND**

- Hc = Overall diameter or rise  
 Bc = Overall diameter or span  
 A = 8" min. for fill height up to 16'  
       = 12" min. for fill height of 16' or more  
 Vc = 12" for Bc ≤ 18"  
       = 18" for Bc > 18"  
 Tc = Trench cover depth  
 W = 6" for Bc ≤ 21"  
       = 0.3 Bc for 21" < Bc ≤ 42"  
       = 12" for Bc > 42"  
 ⑦ E = Encasement

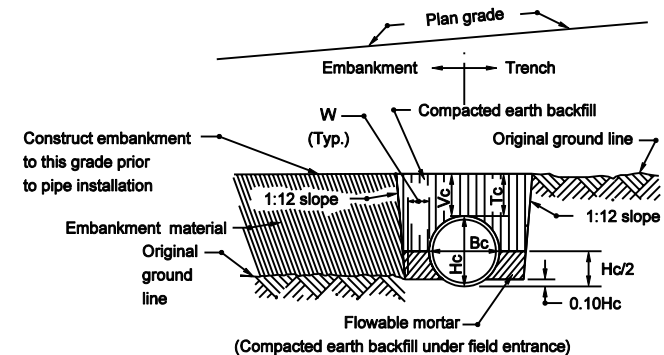
**METHOD 2 BACKFILL**



**ELEVATION**

**NOTES**

1. Refer to Standard Drawing E 715-BKFL-09 for general notes.



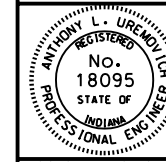
**SECTION D-D**  
**EMBANKMENT/TRENCH INSTALLATION**

INDIANA DEPARTMENT OF TRANSPORTATION

**PIPE STRUCTURE BACKFILL  
DRIVEWAY INSTALLATIONS**

MARCH 2003

STANDARD DRAWING NO. E 715-BKFL-08



/s/ Anthony L. Uremovich 3-03-03  
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 3-03-03  
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER