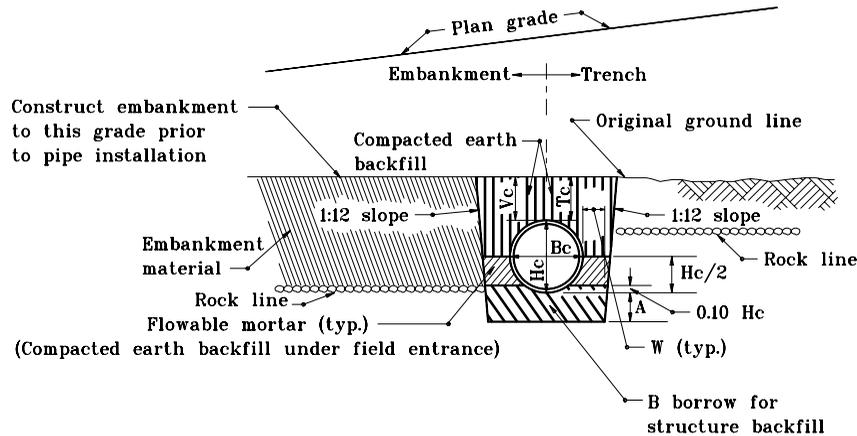


NOTES

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



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

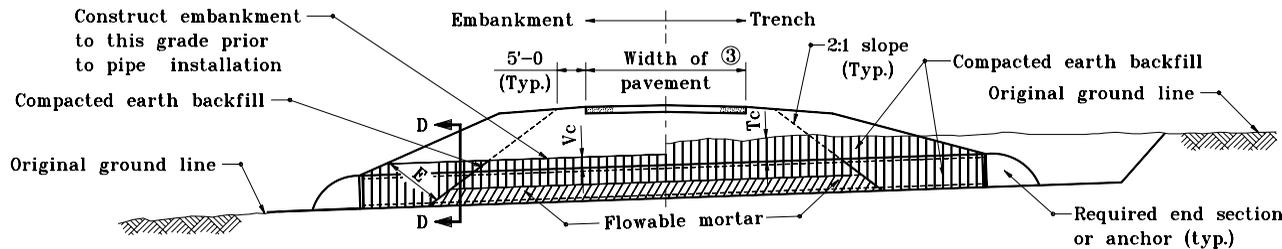
LEGEND

- 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"

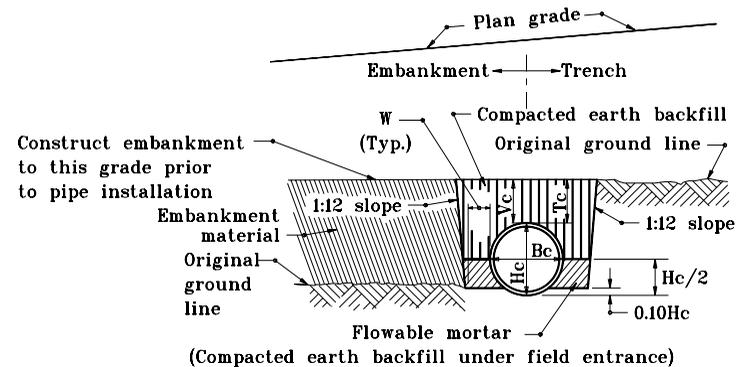
⑦ E = Encasement

METHOD 2 BACKFILL

Structures under commercial and private drive approaches.



ELEVATION



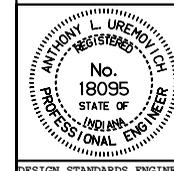
**SECTION D-D
EMBANKMENT/TRENCH INSTALLATION**

INDIANA DEPARTMENT OF TRANSPORTATION

**PIPE STRUCTURE BACKFILL
DRIVEWAY INSTALLATIONS**

JANUARY 1998

STANDARD DRAWING NO. E 715-BKFL-08



DETAILS PLACED IN THIS FORMAT 11-15-99

/s/ Anthony L. Uremovich 11-15-99
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 11-15-99
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER

ORIGINALLY APPROVED 1-02-98