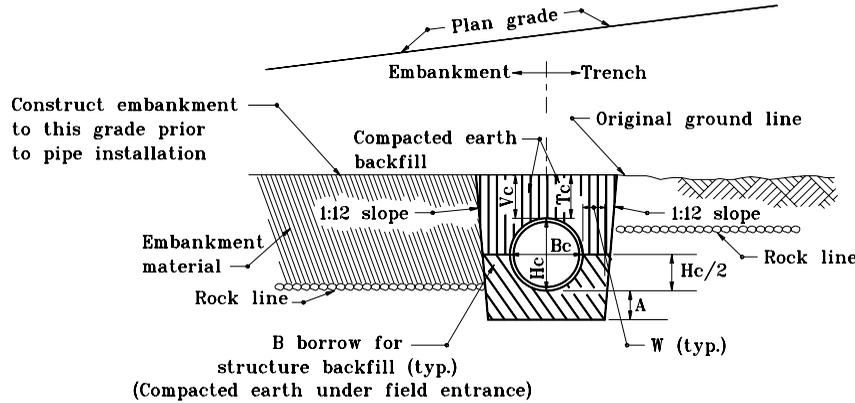


**NOTES**

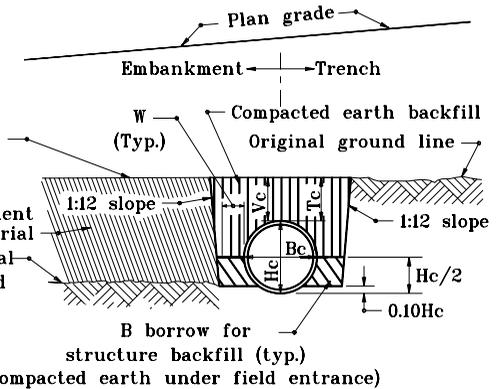
1. Refer to Standard Drawing E 715-BKFL-09 for general notes.



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

**LEGEND**

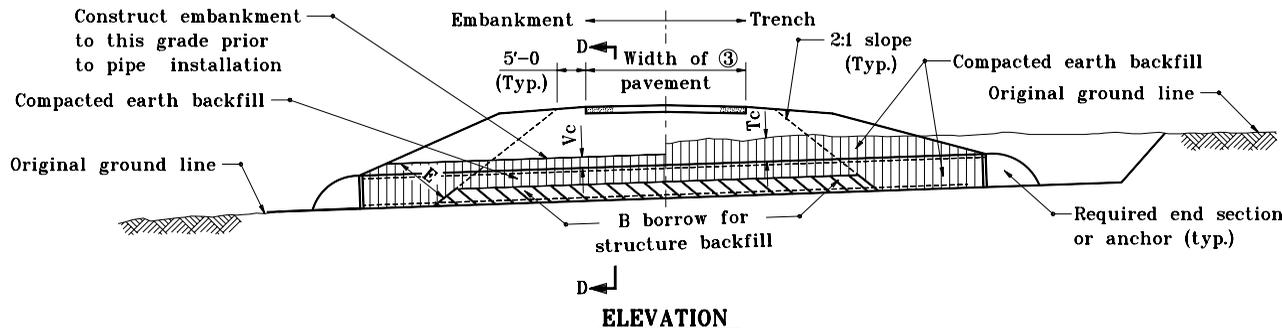
- Hc = Overall diameter or rise
- Bc = Overall diameter or span
- A = 8" min. for fill height up to 16'  
= 12" min. for fill height of 16' or more
- Vc = 12" for Bc ≤ 18"  
= 18" for Bc > 18"
- Tc = Trench cover depth
- W = 0.3 Bc or 9", whichever is greater
- ⑦ E = Encasement



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

**METHOD 2 BACKFILL**

Structures under commercial and private drive approaches.



INDIANA DEPARTMENT OF TRANSPORTATION	
PIPE STRUCTURE BACKFILL DRIVEWAY INSTALLATIONS	
JANUARY 1998	
STANDARD DRAWING NO. E 715-BKFL-07	
	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	ORIGINALLY APPROVED 1-02-98