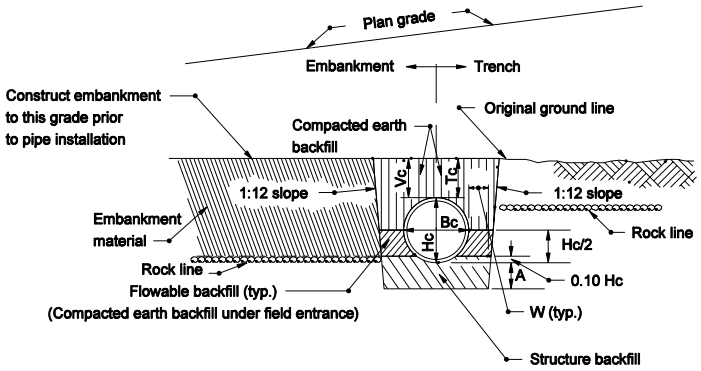


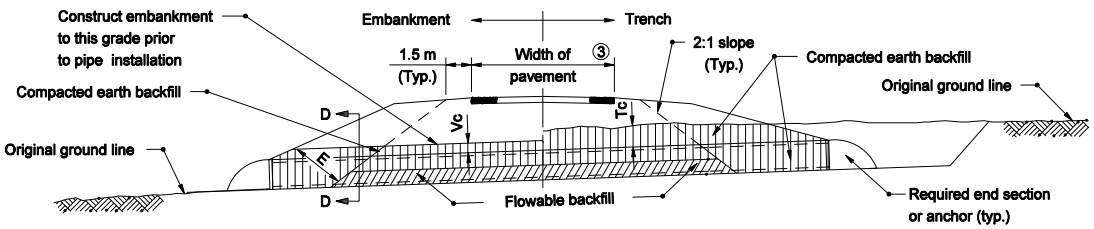
SECTION D-D
EMBANKMENT/TRENCH INSTALLATION
ROCK FOUNDATION

LEGEND

Hc = Overall diameter or rise
Bc = Overall diameter or span
A = 200 min. for fill height up to 5.0 m
= 300 min. for fill height of 5.0 m or more
Vc = 300 for Bc <_ 450
= 500 for Bc > 450
Tc = Trench cover depth
W = 150 for Bc ≤ 525
= 0.3 Bc for 525 < Bc ≤ 1050
= 300 for Bc > 1050
⑦ E = Encasement

METHOD 2 BACKFILL

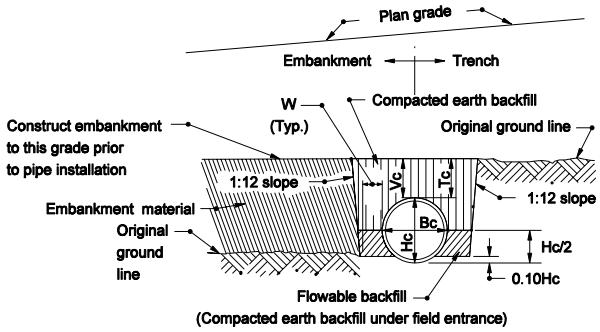
Structures under commercial and private drive approaches.



ELEVATION

NOTES

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



SECTION D-D
EMBANKMENT/TRENCH INSTALLATION

All Dimension are in mm unless otherwise specfied

INDIANA DEPARTMENT OF TRANSPORTATION

PIPE STRUCTURE BACKFILL DRIVEWAY INSTALLATIONS

MARCH 2005

STANDARD DRAWING NO. 715-BKFL-08

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 3-01-05
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 3-01-05
CHIEF HIGHWAY ENGINEER DATE