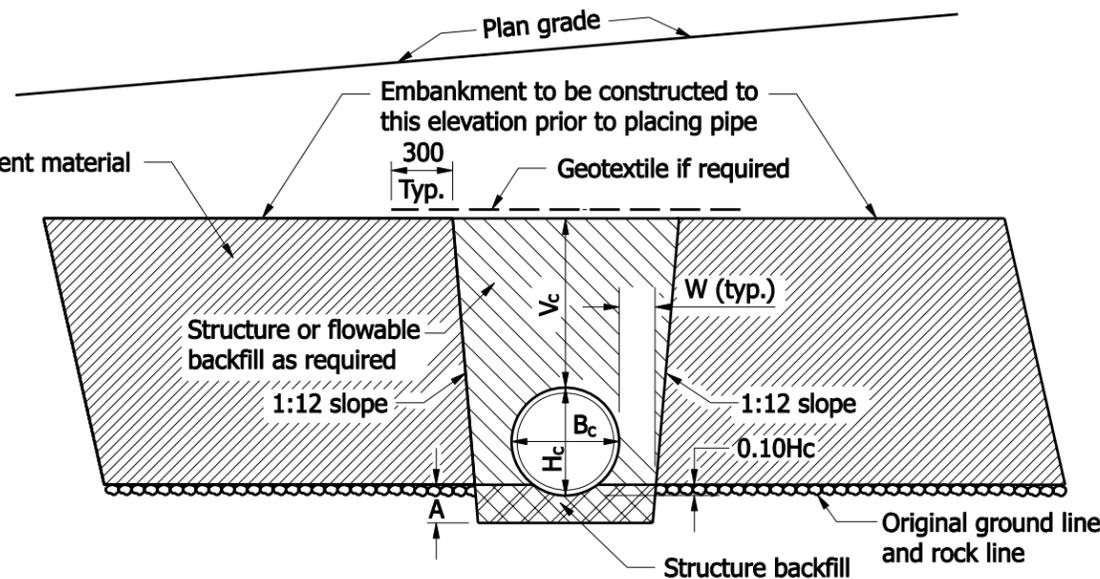


SECTION F-F



SECTION F-F
ROCK FOUNDATION

NOTES :

1. Protective cover shall be constructed prior to running heavy equipment over installed pipes. The minimum covers are listed below:
 - a.) 0.5 m for $B_c \leq 450$
 - b.) 0.9 m for $18" < B_c \leq 1350$
 - c.) 1.2 m for $B_c > 1350$
- 2 For backfill purposes, paved shoulders, curbs, and sidewalks are considered pavement. See Standard Drawing 715-BKFL-10 for pavement limits when curbs, paved shoulders, or sidewalks are present.

LEGEND

- H_c = Overall diameter or rise (typ.)
- B_c = Overall diameter or span
- A = 200 min. for fill height less than 5.0 m
= 300 min. for fill height of 5.0 m or more
- V_c = 300 for $B_c \leq 450$
450 for $B_c > 450$
- W = $0.3 B_c$ or 230, whichever is greater
- L_B = Backfill length measured from toe to toe of the 2:1 slopes.

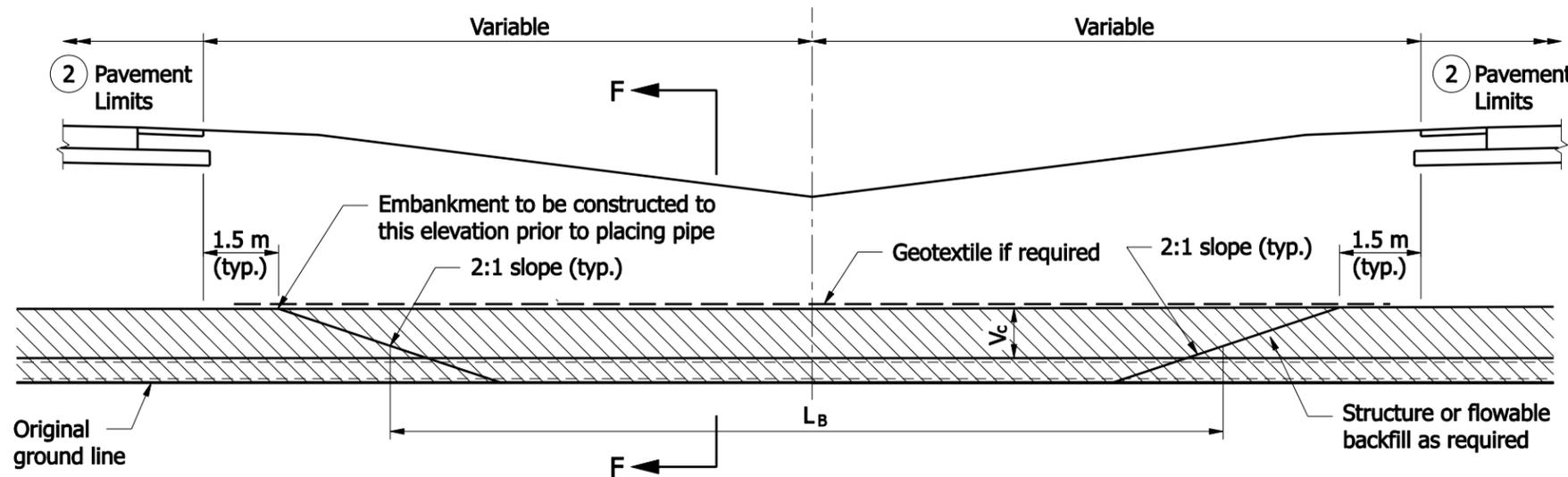
All Dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

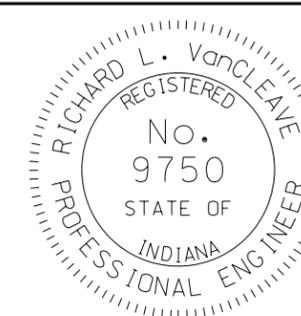
PIPE BACKFILL METHOD 1
MEDIAN INSTALLATION, EMBANKMENT

SEPTEMBER 2008

STANDARD DRAWING NO. 715-BKFL-09



ELEVATION THRU MEDIAN STRIP



DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 09/02/08
DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 09/02/08
CHIEF HIGHWAY ENGINEER DATE