



Notes:

1. Area A_c is the pipe area to the outside edge of the corrugations.

2. For a circular pipe, $B_c = H_c$.

③ For backfill method 1 or 2, $V_c = T_c$.

BACKFILL AREA PER LINEAR FOOT OF PIPE, EARTH FOUNDATION

Method 1 Structure or flowable backfill as required, $B_{Bc} + B_{Cv} + B_{Vr}$

Method 2 Structure or flowable backfill as required, B_{Bc}
Compacted earth backfill, $B_{Cv} + B_{Vr}$

Method 3 Structure or flowable backfill as required, $B_{Bc} + B_{Cv}$
Compacted earth backfill, B_{Vr}

BACKFILL AREA PER LINEAR FOOT OF PIPE, ROCK FOUNDATION

Method 1 Structure Backfill, B_F
Structure or flowable backfill as required, $B_{Bc} + B_{Cv} + B_{Vr}$

Method 2 Structure backfill, B_F
Structure or flowable backfill as required, B_{Bc}
Compacted earth backfill, $B_{Cv} + B_{Vr}$

Method 3 Structure backfill, B_F
Structure or flowable backfill as required, $B_{Bc} + B_{Cv}$
Compacted earth backfill, B_{Vr}

VALUES REQUIRED FOR DETERMINING BACKFILL QUANTITIES

Figure 17-3A