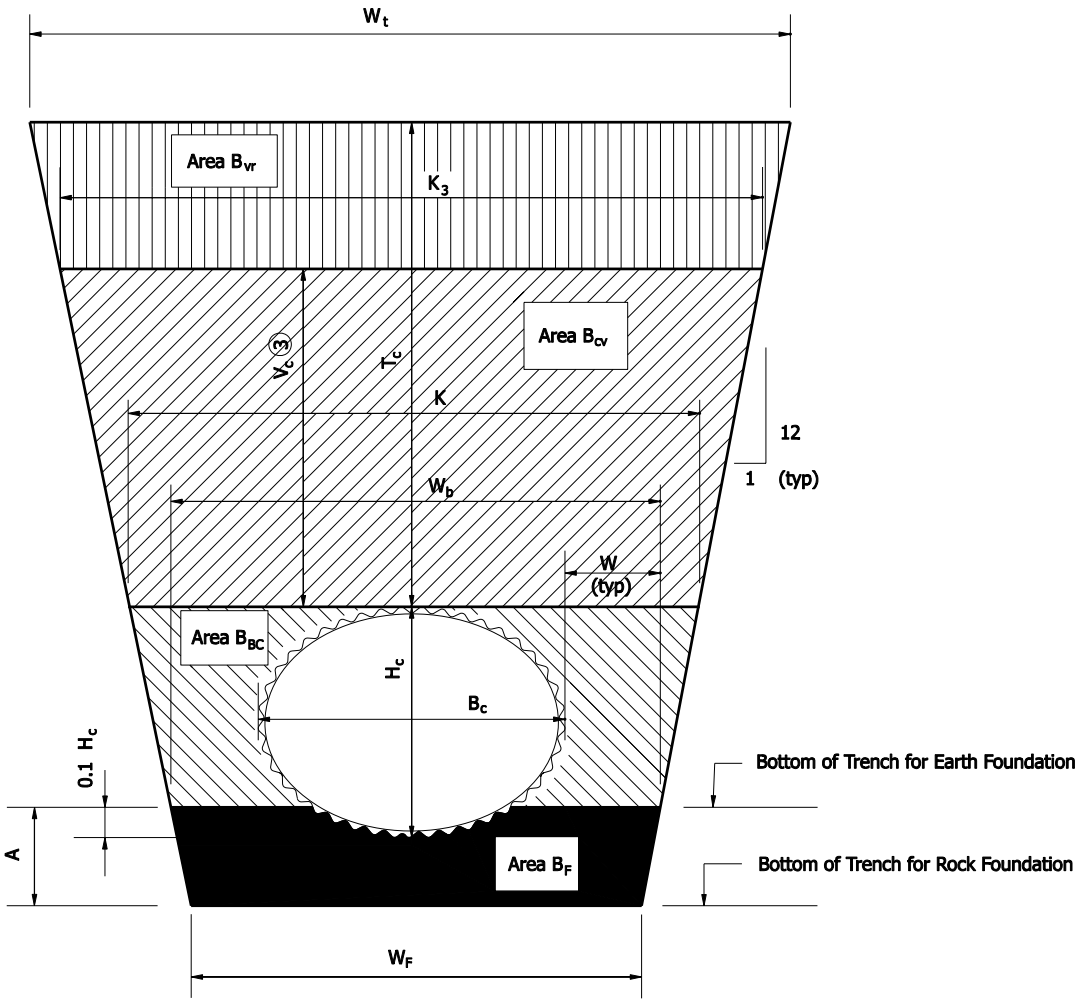

Notes:

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, $B_{BC} + B_{CV} + B_{VT}$

Method 2 Structure or flowable backfill as required, B_{BC}
Compacted earth backfill, $B_{CV} + B_{VT}$

Method 3 Structure or flowable backfill as required, $B_{BC} + B_{CV}$
Compacted earth backfill, B_{VT}

BACKFILL AREA PER LINEAR FOOT OF PIPE, ROCK FOUNDATION

Method 1 Structure Backfill, B_F
Structure or flowable backfill as required, $B_{BC} + B_{CV} + B_{VT}$

Method 2 Structure backfill, B_F
Structure ofr flowable backfill as required, B_{BC}
Compacted earth backfill, $B_{CV} + B_{VT}$

Method 3 Structure backfill, B_F
Structure or flowable backfill as required, $B_{BC} + B_{CV}$
Compacted earth backfill, B_{VT}

VALUES REQUIRED FOR DETERMINING BACKFILL QUANTITIES

Figure 17-3A