



Notes:

1. Establish deeper surface profile 1" around O.D. of pipe penetration to lock lining system into substrate.
2. Apply Perma-Shield lining system minimum 1" on existing pipe or sleeve.

N.T.S.

**TNEMEC PERMA-SHIELD
STANDARD LINING DETAILS**

SLEEVED OR NON-SLEEVED PIPE PENETRATION

NO. PLS-3

REV.1