

ATTACHMENT E-2 POLYETHYLENE ENCASEMENT DETAILS

POLYETHYLENE ENCASEMENT

INSTALLATION INSTRUCTIONS

TAPING OVER POLYETHYLENE ENCASEMENT ALLOWS DIRECT TAPS TO BE MADE THROUGH THE TAPE AND POLYETHYLENE ENCASEMENT. ELIMINATES POTENTIAL REPAIRS TO EXPOSED AREA.

TIE STRAPS ALLOW EASY, QUICK, SECURE TIE DOWN OF POLYETHYLENE ENCASEMENT BEHIND THE BELL CONTOUR AND ON OVERLAPS AGAINST THE PIPE SURFACE.

FIGURE 1.
REMOVE ALL LUMPS OF CLAY, MUD, CINDERS, ETC. WHICH MAY HAVE ACCUMULATED ON THE SURFACE OF THE PIPE. A POLYETHYLENE TUBE SHOULD BE CUT SO THAT IT IS APPROXIMATELY TWO FEET LONGER THAN THE PIPE SECTION. SLIP THE TUBE ONTO THE PIPE. ALLOW APPROXIMATELY ONE FOOT OF THE TUBE TO OVERHANG EACH END OF THE PIPE.

FIGURE 2.
PUSH BACK THE OVERHANGING TUBE ENDS UNTIL THEY CLEAR THE PIPE ENDS.

FIGURE 3.
TAKE UP THE SLACK IN THE TUBE TO MAKE A SNUG BUT NOT TIGHT FIT. FOLD EXCESS BACK OVER THE TOP OF THE PIPE.

FIGURE 4.
SECURE THE FOLD WITH POLYETHYLENE COMPATIBLE ADHESIVE TAPE AT SEVERAL LOCATIONS ALONG THE PIPE BARREL.

FIGURE 5.
DIG A SHALLOW BELL-HOLE IN THE TRENCH BOTTOM AT THE JOINT LOCATION.

FIGURE 6.
PLACE THE PIPE INTO THE TRENCH.

FIGURE 7.
ASSEMBLE THE JOINT.

FIGURE 8.
PULL THE POLYETHYLENE TUBE END OF THE PREVIOUSLY INSTALLED PIPE OVER THE NEW PIPE AND SECURE WITH THE TIE STRAP FROM THE PRECEDING PIPE BELL.

FIGURE 9.
OVERLAP THE SECURED TUBE END OF THE NEW PIPE SECTION. SECURE THE NEW TUBE END IN PLACE WITH THE SPIGOT END TIE STRAP.

FIGURE 10.
REPAIR ALL RIPS, TEARS, OR OTHER TUBE DAMAGE WITH SUITABLE ADHESIVE TAPE. EXPERIENCE HAS SHOWN THAT VERY SMALL PIN POINT SIZED PUNCTURES NEED NOT BE REPAIRED.

