CABLE BONDING JUMPER:

HEAT SHRINKABLE SLEEVE (TYP)
FOR DIRECT BURIAL ONLY

2" TYP
2" TYP
1" TYP

#6 AWG/ HMWPE
CABLE (18" MIN. LENGTH)

COPPER SLEEVE (TYP)
EXOTHERMIC WELD
CONNECTION (TYP)

3/16" TYP

1/4" DIA X 6" LONG
MILD STEEL ROD (TYP)
(SEE NOTE 2 AND 4)

BELL - SPIGOT ENDS:

DIELECTRICAL COATING

SEE NOTE 3

SPIGOT END
OF PIPE

BELL END
OF PIPE

CABLE BONDING JUMPER
(SEE NOTE 1)

RESTRAINED JOINTS:

CABLE BONDING JUMPER

FULL CIRCLE
BUTT STRAP

BELL & SPIGOT
RUBBER GASKET
STEEL PIPE

FLEXIBLE FITTINGS
AND
FLANGED ENDS:

CABLE BONDING JUMPERS

FLANGED COUPLING
ADAPTER

FLANGED PIPE END

FLANGED FITTING

CABLE BONDING JUMPERS

PIPE

PIPE

PIPE

PIPE

TRANSITION
COUPLING

NOTES:

1) ONE CABLE BONDING JUMPER REQ'D PER JOINT
2) BEND ROD TO MATCH PIPE RADIUS.
3) PROVIDE SUFFICIENT DISTANCE BETWEEN WELDED ROD AND CONNECTION BELL TO ALLOW FOR MAXIMUM PIPE DEFLECTION.
4) WELD TO BARE STEEL.
5) EXPOSED STEEL WILL BE COATED WITH PRIMER AND WRAPPED WITH COAL TAR TAPE.
   #6 AWG/HMWPE CABLE SHOULD BE LEFT UNWRAPPED AND FREE TO MOVE.

CABLE BONDING JUMPER INSTALLATION

FOR BELL & SPIGOT STEEL PIPE & FITTINGS

THIS STANDARD REPLACES NMWD STD-A-28

APPROVED DATE REV STD NO
5/10/02 1 11