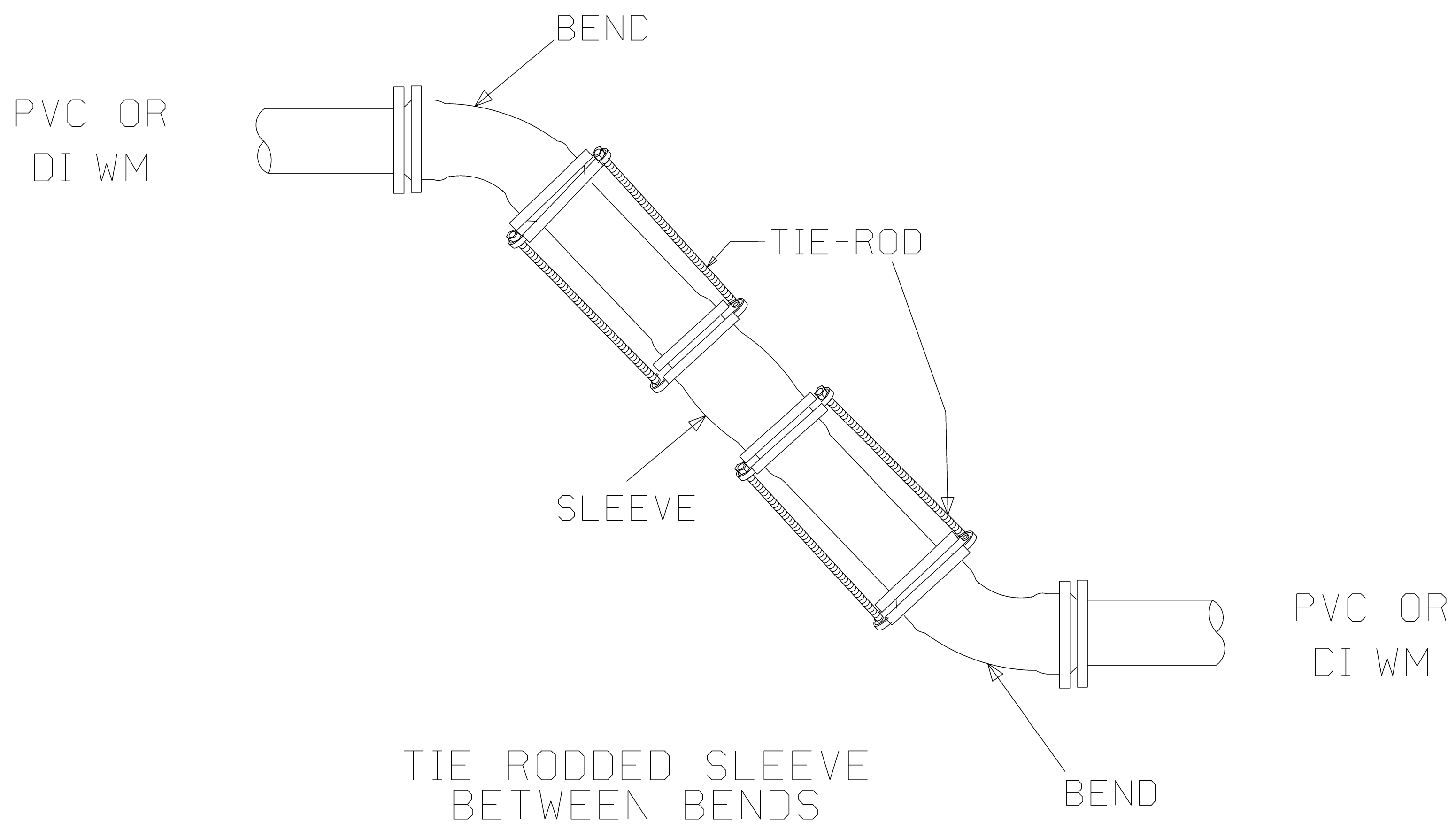


TIE RODS
BETWEEN VERTICAL BENDS



NOTES:

1. Restrained Joint (Megalug) or equivalent required on all fittings.
2. Tie Rods to be used at all vertical bends or horizontal bends against disturbed soil or as directed by the Village Engineer.
3. Use stainless steel rods and nuts connected to fittings.
4. Sacrificial zinc anode nuts are to be installed on all bolts.

TIE-RODS BETWEEN FITTINGS

Issued by: NL		2/XX/24
By	Revised	Date
DS		2/8/24
DS		10/31/2025

VILLAGE OF GURNEE
ENGINEERING DIVISION

Approved by:	
NL	10/31/25