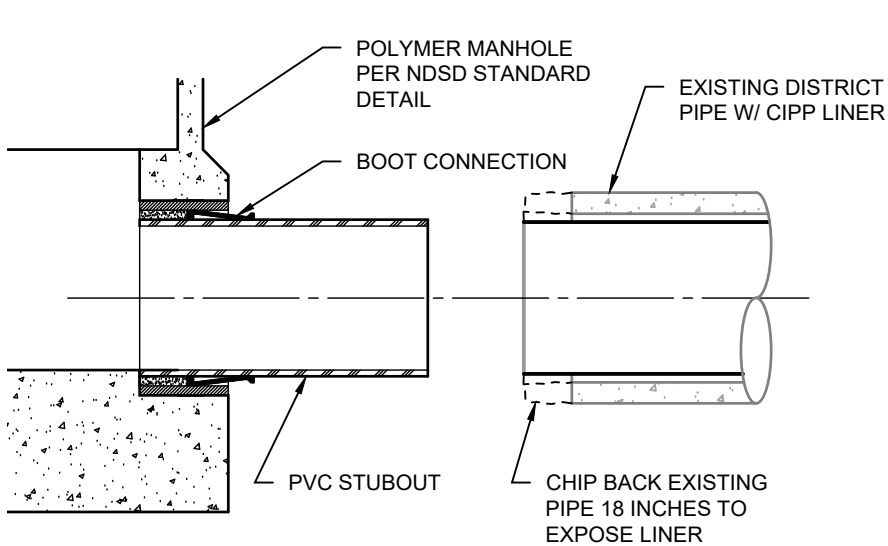
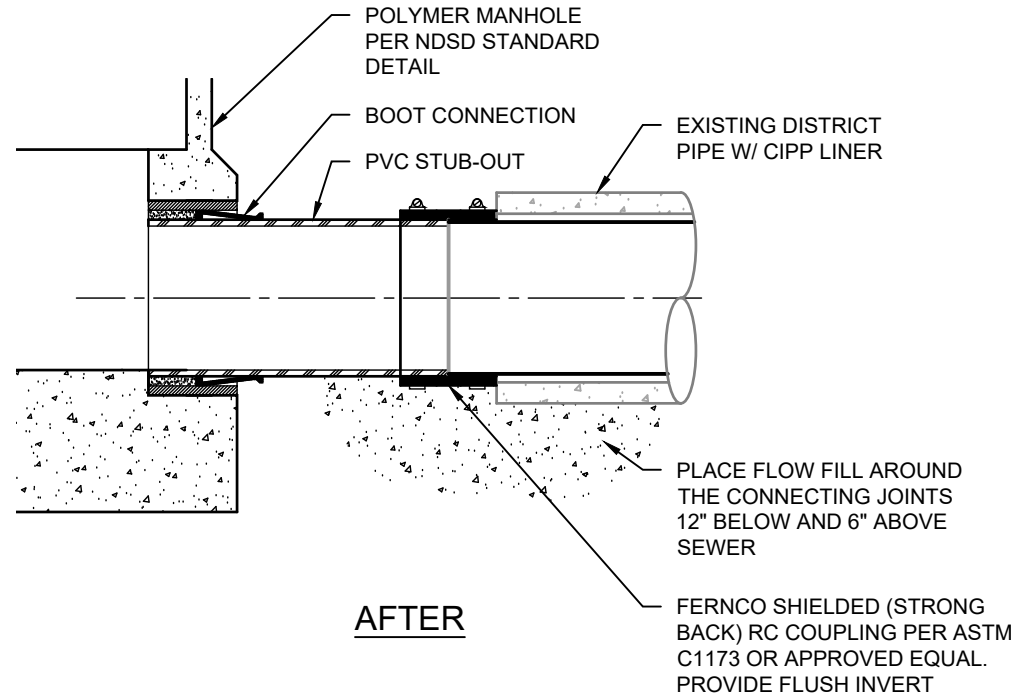


THIS STANDARD APPLIES WHEN CONSTRUCTING A MANHOLE ON A CIPP LINED DISTRICT SEWER.



**BEFORE**



**AFTER**

**NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING SEWER AND OTHER UTILITIES, PROPER BACKFILLING, COMPACTING, AND SURFACE RESTORATION.
2. IF THE CIPP LINER IS DAMAGED, THE CIPP LINER SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE DISTRICT.
3. FLEXIBLE CONNECTIONS MUST BE SIZED FOR CIPP AND EXISTING PIPE. TRANSITION COUPLING SHALL BE IN ACCORDANCE WITH ASTM C1173 (FERNCO, MISSION RUBBER COMPANY, OR APPROVED EQUAL). ALL HARDWARE SHALL BE 316 SERIES STAINLESS STEEL.
4. CONCRETE FOR FLOWABLE FILL SHALL BE TYPE II/V PORTLAND CEMENT PER ASTM C150 WITH A MINIMUM COMPRESSIVE STRENGTH OF 300 PSI PER ASTM C39. NO ADDITIVES SHALL BE PERMITTED WITHOUT PRIOR APPROVAL BY THE DISTRICT.
5. CONTRACTOR SHALL MANUALLY BACKFILL AND COMPACT AROUND THE CONNECTION UNTIL A MINIMUM OF 12" OF COVER IS PLACED OVER THE PIPE AND CONNECTION.



**NORTH DAVIS SEWER DISTRICT**

**Manhole Connection to CIPP Lined Pipe**