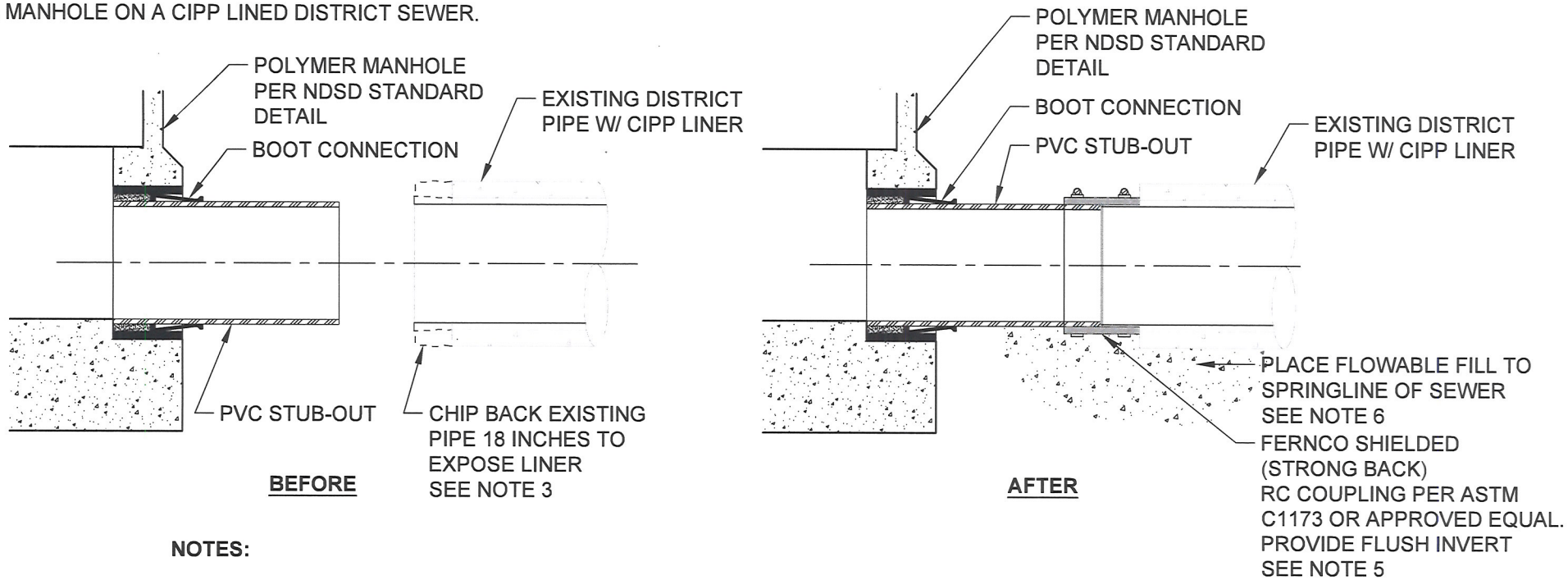


THIS STANDARD APPLIES WHEN CONSTRUCTING A MANHOLE ON A CIPP LINED DISTRICT SEWER.



NOTES:

1. CONTRACTOR MUST NOTIFY THE DISTRICT 48 HOURS BEFORE WORK BEGINS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING SEWER AND OTHER UTILITIES, PROPER BACKFILLING, COMPACTING, AND SURFACE RESTORATION.
3. WHERE CIPP LINERS ARE CUT, REMOVE PRE-LINER SHEET AND FOIL (IF INSTALLED). SMOOTH LINER EDGE PRIOR TO COATING.
4. IF THE CIPP LINER IS DAMAGED, THE CIPP LINER SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE DISTRICT. THE SEWER AND CIPP LINER SHALL BE CLEANED AND INSPECTED VIA CCTV PRIOR TO CUTTING THE PIPE.
5. 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.
6. CONCRETE FOR FLOWABLE FILL SHALL BE TYPE II PORTLAND CEMENT PER ASTM C595 WITH A COMPRESSIVE STRENGTH BETWEEN 50 - 150 PSI PER ASTM D4318. NO ADDITIVES SHALL BE PERMITTED WITHOUT PRIOR APPROVAL BY THE DISTRICT.
7. CONTRACTOR SHALL MANUALLY BACKFILL AND COMPACT AROUND THE CONNECTION UNTIL A MINIMUM OF 12" OF COVER IS PLACED OVER THE PIPE AND CONNECTION.
8. SEE ND-06 FOR ACCEPTANCE TESTING, FINAL COMPLETION, AND WARRANTY REQUIREMENTS.



NORTH DAVIS SEWER DISTRICT

ND-16 Manhole Connection to CIPP Lined Pipe