



NORTH DAVIS SEWER DISTRICT

ND-18 Standard Service Connection - CIPP Lined Pipe 1 of 3

Adopted 6/13/2024

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. CONTRACTOR MUST ACCURATELY SIZE AND PROCURE CONNECTION FITTINGS BASED ON THE EXISTING DISTRICT SEWER (MATERIAL, DIAMETER, AND CIPP LINER THICKNESS) AND THE LATERAL SEWER (MATERIAL AND DIAMETER) TO BE CONNECTED. INSERTA-TEES PROVIDED SHALL BE PER TABLE 1, UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER. CONTRACTOR MUST VERIFY THE LINER THICKNESS PRIOR TO CORING THE CIPP LINER.
4. CORE DRILLING OF CONCRETE PIPE SHALL USE THE WET DIAMOND BIT PROCESS. DO NOT ATTACH GUIDES TO THE EXISTING PIPE TO PERFORM CORE DRILLING. CORE DRILL DIAMETER SHALL BE PER THE CONNECTION MANUFACTURER'S REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE DAMAGED PIPE. CORES SHALL BE RETAINED AND NOT ALLOWED TO FALL INTO THE SEWER.
5. CORE DRILLING OF THE CIPP LINER SHALL BE ACCOMPLISHED EITHER ROBOTICALLY FROM INSIDE THE PIPE OR EXTERNALLY. DIAMETER OF THE HOLE SHALL BE SIZED FOR THE FLEXIBLE AND WATERTIGHT CONNECTION FITTING. FILL VOIDS, OVER CUT, OR REMOVED CONCRETE PIPE WITH NON-SHRINK, NON-METALLIC CEMENT GROUT.
6. CONTRACTOR SHALL MEASURE THE DISTANCE FROM THE NEAREST MANHOLE TO THE CENTER OF THE CONNECTION AND FURNISH MEASUREMENTS TO 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.



TABLE 1

Rehabilitated District Concrete Pipe	CIPP Liner Thickness		INSERTA-TEE* ORDERING INFORMATION Lateral Nominal Diameter (Inch)	
	Nominal Pipe Diameter (in)	Minimum Liner Thickness (mm)	Maximum Liner Thickness (mm)	Minimum Liner Thickness (mm)
12	3.5	5	4P26FB12CIP	6P26FB12CIP
15	4.5	6	4P26FB15CIP	6P26FB15CIP
18	5	7	4P26FB18CIP	6P26FB18CIP
21	5.5	8	4P26FB21CIP	6P26FB21CIP
24	7	9	4P26FB24CIP	6P26FB24CIP
27	8	10	4P26FB27CIP	6P26FB27CIP
30	8	12	4P26FB30CIP	6P26FB30CIP
36	8	12	4P26FB36CIP	6P26FB36CIP
42	8	12	4P26FB42CIP	6P26FB42CIP

1. WHEN ORDERING INSERTA-TEE*, CONTRACTOR SHALL PROVIDE THE NOMINAL DISTRICT PIPE DIAMETER, LATERAL DIAMETER AND MATERIAL TO BE INSTALLED, AND EXISTING CIPP LINER THICKNESS TO VERIFY PROPER SIZING OF THE RUBBER SLEEVE. INSERTA-TEE* WITH RUBBER SLEEVE THICKNESS SIZED WITHOUT VERIFICATION SHALL NOT BE ACCEPTED BY THE DISTRICT.
2. 6" LATERALS MAY BE CONNECTED TO SEWER PIPES 20" OR LARGER. 6" LATERALS CONNECTING TO SEWERS SMALLER THAN 20" MUST CONNECT TO A MANHOLE.

