



CHARLOTTE-MECKLENBURG UTILITIES
 CHARLOTTE, NORTH CAROLINA

SERVICE LATERAL REPLACEMENT
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No.	Date	By	Revision

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NOTES:

1. REPLACE EXISTING SERVICE LATERALS WHERE SPECIFIED BY THE ENGINEER. REPLACEMENT TO INCLUDE THE TEE AND 6 FEET OF SERVICE LATERAL TO RECONNECT TO THE EXISTING LATERAL OR ADDITIONAL LATERAL TO INSTALL THE NEW LATERAL ALL THE WAY TO THE EDGE OF THE PROPERTY LINE OR ROAD R/W. INSTALL A CLEANOUT AT THE END OF THE NEW LATERAL PER DETAIL F WHEN DIRECTED BY THE ENGINEER. THE ENGINEER WILL DETERMINE WHICH SERVICES TO REPLACE FROM REVIEW OF TELEVISION INSPECTIONS.
2. INSTALL THE NEW SEWER AT A CONSTANT SLOPE BETWEEN THE TWO EXISTING PIPE ENDS.
3. INSTALL FITTINGS, ADAPTERS AND RUBBER SLEEVE COUPLINGS AS NECESSARY TO CONNECT NEW TEE AND SERVICE LATERAL. NEW SERVICE LATERALS SHALL BE DUCTILE IRON PIPE (DIP) OR PVC. NEW LATERALS AND TEE BRANCHES SHALL BE THE SAME SIZE AS THE EXISTING LATERAL.
4. NEW SERVICE LATERAL SHALL BE INSTALLED AT THE EXISTING LATERAL SLOPE AND IN THE EXISTING LATERAL LOCATION. CONNECT NEW LATERAL TO EXISTING LATERAL WITH RUBBER SLEEVE COUPLINGS WITH STAINLESS STEEL COMPRESSION BANDS AND SHEAR RINGS AS MANUFACTURED BY MISSION PRODUCTS OR APPROVED EQUAL. BYPASS FLOWS FROM THE LATERAL DURING CONSTRUCTION TO MAINTAIN SEWER SERVICE. DISPOSE OF EXISTING LATERAL PIPE MATERIAL OFFSITE.
5. INSTALL AND COMPACT #67 CRUSHED STONE TO A MIN OF 1 FOOT ABOVE THE TOP OF THE NEW SEWER PIPE, TEE, FITTINGS AND SERVICE LATERAL PIPES (COMPLETE TO CLEANOUT). IN PAVED AREAS, INSTALL AND COMPACT IMPORTED ABC STONE OR PIT GRAVEL FROM TOP OF STONE TO PAVEMENT SUBGRADE. PAYMENT FOR ABC STONE OR PIT GRAVEL SHALL BE BASED ON THE LENGTH OF POINT REPAIR. IN UNPAVED AREAS, INSTALL AND COMPACT COMMON FILL FROM TOP OF STONE TO FINISHED GRADE. RESTORE SURFACE TO MATCH EXISTING CONDITIONS.
6. TEES SHALL BE ROTATED 22 1/2 DEGREES PER CMUD STANDARDS. INSTALL FITTINGS AS NECESSARY TO RETURN THE NEW LATERAL TO THE EXISTING LATERAL ELEVATION. ALL TEES SHALL BE DUCTILE IRON.

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