## WEST CITY VIEW DR. @ RIVERSIDE DR.

## SANITARY SEWER REHABILITATION (PROJECT NO. 2024020) MSD OF BUNCOMBE COUNTY





## INDEX OF DRAWINGS SHEET NO. DESCRIPTION C-1 INDEX OF DRAWINGS AND VICINITY MAP PL-1 SANITARY SEWER PLAN & PROFILE

SANITARY SEWER DETAILS

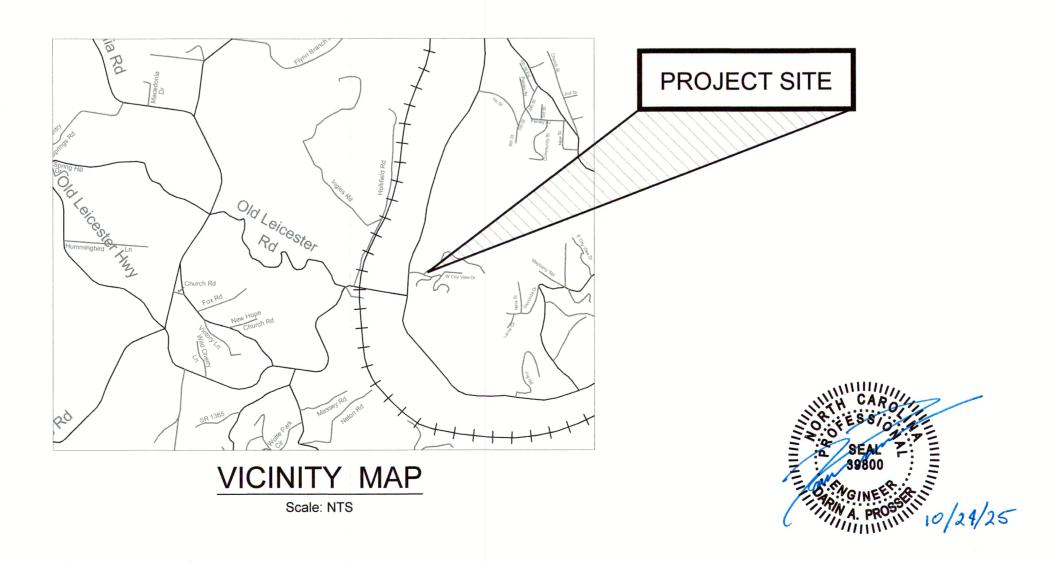
**EROSION CONTROL DETAILS** 

## GENERAL NOTES:

D-1

D-2

- 1. LENGTHS SHOWN ARE NOT ACTUAL PIPE LENGTHS BUT ARE DISTANCES STATION TO STATION. SLOPES SHOWN ON THE PROFILE ARE CALCULATED USING LENGTHS FROM INSIDE EDGES OF MANHOLE.
- 2. ALL WORK ON THIS PROJECT SHALL COMPLY WITH THE CURRENT STANDARD DETAILS AND SPECIFICATIONS OF THE METROPOLITAN SEWERAGE DISTRICT OF BUNCOMBE COUNTY. SPECIAL CONDITIONS AND SPECIAL PROVISIONS MAY APPLY TO THIS PROJECT SEE SPECIFICATIONS.
- 3. ALL WORK SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, AS MAY BE APPLICABLE TO THIS PROJECT AND THE WORK DONE HEREUNDER.
- 4. WHERE FEDERAL, STATE, OR LOCAL LAWS REQUIRE THAT A PERMIT BE ISSUED AND OBTAINED FOR WORK DONE UNDER THIS PROJECT, ALL WORK PERFORMED BY THE CONTRACTOR SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE TERMS AND CONDITIONS SET FORTH IN THE PERMIT.
- 5. ANY MODIFICATIONS TO THESE CONSTRUCTION PLANS OR SPECIFICATIONS SHALL BE APPROVED BY THE MSD PROJECT ENGINEER
- 6. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- 7. THE CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO KEEP THE SEWER AND ALL OTHER UTILITIES IN SERVICE AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR REPAIRS OF ANY KIND FOR DAMAGES RESULTING FROM THE CONTRACTOR'S CONSTRUCTION ACTIVITIES.
- 8. THE CONTRACTOR SHALL LOCATE ALL SERVICES CURRENTLY SERVED BY THE EXISTING SEWER **(WHETHER SHOWN OR NOT SHOWN ON THE PLANS)** AND RECONNECT TO THE NEW SEWER, INSTALLING A CLEANOUT ASSEMBLY AS REQUIRED (SEE DETAIL).
- 9. THE CONTRACTOR SHALL RESTORE ALL STREETS, PROPERTIES, AND IMPROVEMENTS TO AS GOOD OR BETTER CONDITION THAN EXISTED PRIOR TO CONSTRUCTION.
- 10. PROPERTY LINES SHOWN ON PLANS ARE APPROXIMATE ONLY. PROPERTY MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE RESET BY A LICENSED NC PROFESSIONAL LAND SURVEYOR.
- 11. DESIGN BASED ON SURVEY INFORMATION PROVIDED BY COLE SURVEYING & DESIGN, PA (828) 251-7025.



FFE FINISHED FLOOR ELEVATION
CONCRETE MONUMENT
CONCRETE MONUMENT RIGHT-OF-WAY
DOT DEPT. OF TRANSPORTATION MONUMENT
PROPOSED ABANDON PLUG
PROPOSED MANHOLE NUMBER
PROPOSED ABANDON SEWER MANHOLE
PROPOSED CLEANOUT
PROPOSED CLEANOUT
SIGN
REBAR FOUND
SIGN
GAS WALVE
GAS METER
TRAVERSE
CURB INLET
CURB INLET
STORM MANHOLE
CATCH BASIN
TREE

PROPOSED SANITARY SEWER MANHOLE
GUY WIRE
GEBCATCH BASIN
TREE

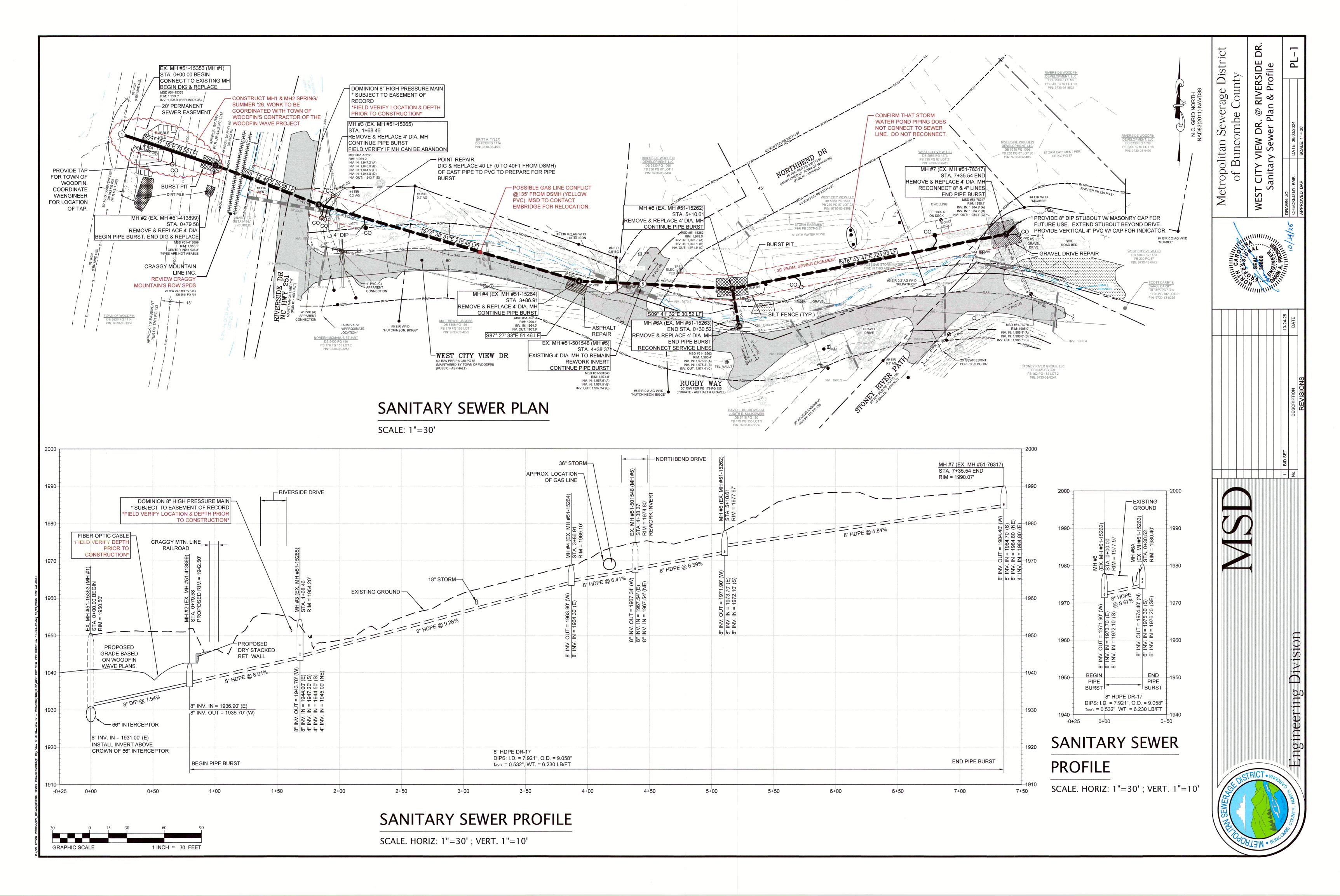
PROPOSED SANITARY SEWER LINE
ELECTRICAL JUNCTION BOX
ELECTRICAL JUN

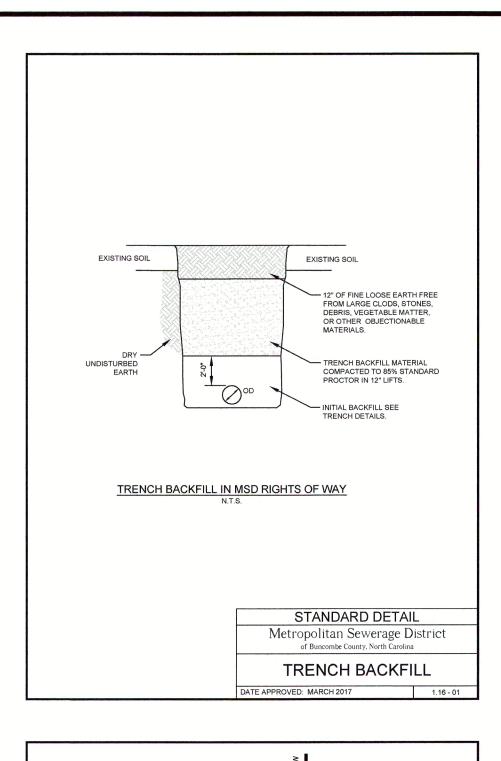
LEGEND

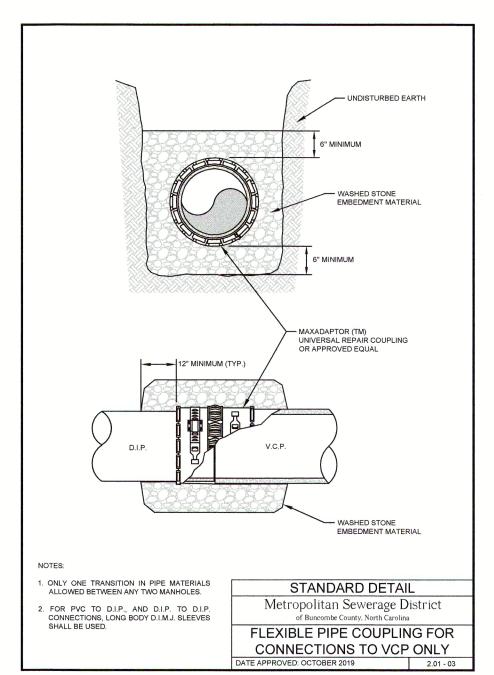
PROPOSED ASPHALT SURFACE REPAIR — — — — EXISTING PROPERTY LINE EXISTING RIGHT-OF-WAY LINE ---- FXISTING WATER LINE oooooooooooooo EXISTING ROCK WALL LINE — ··· — ··· — EXISTING STREAM/CREEK EXISTING FEMA LINE (100 yr) EXISTING FEMA LINE (500 yr) EXISTING OVER HEAD UTILITY LINE ---- UGU---- EXISTING UNDERGROUND UTILITY EXISTING STORM DRAINAGE PIPE EXISTING FENCE LINE ->-->---> ---> EXISTING DITCH LINE EXISTING TOE/TOP OF SLOPE EXISTING TREE LINE CONTROL EXISTING SHRUB LINE EXISTING CONCRETE EXISTING GRAVEL AREA (RIP-RAP) EXISTING ASPHALT ROADWAY EXISTING BUILDING — — \_ \_ \_ EXISTING MAJOR CONTOUR

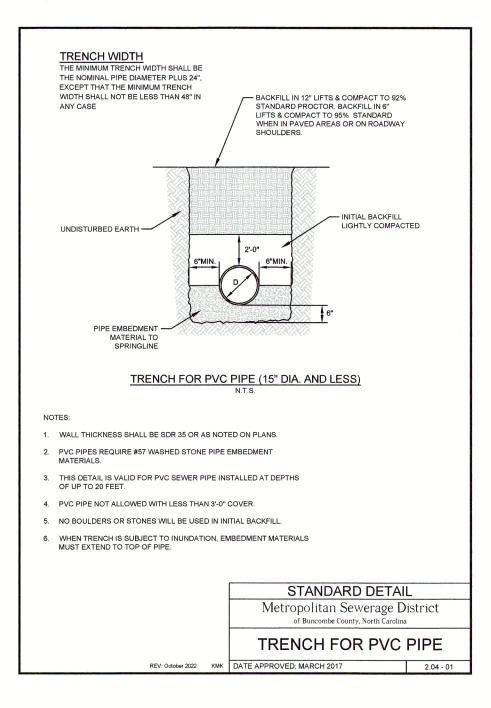
EXISTING MINOR CONTOUR

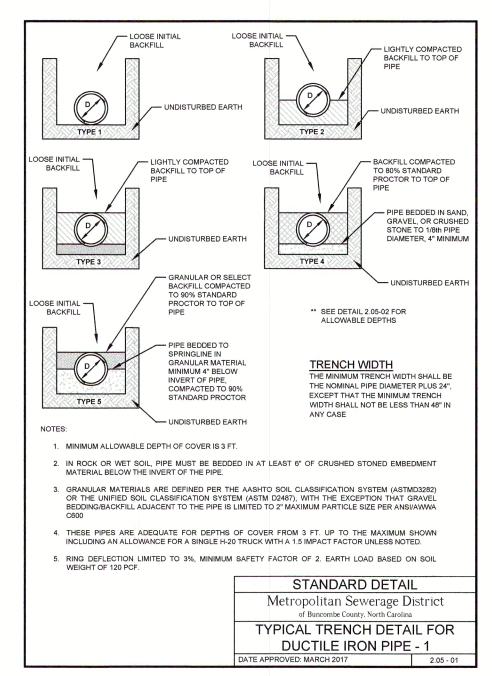
EST CITY VIEW @ RIVERSIE

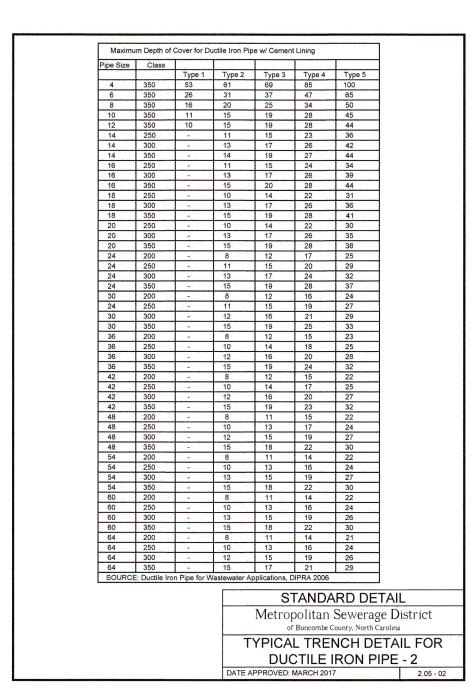


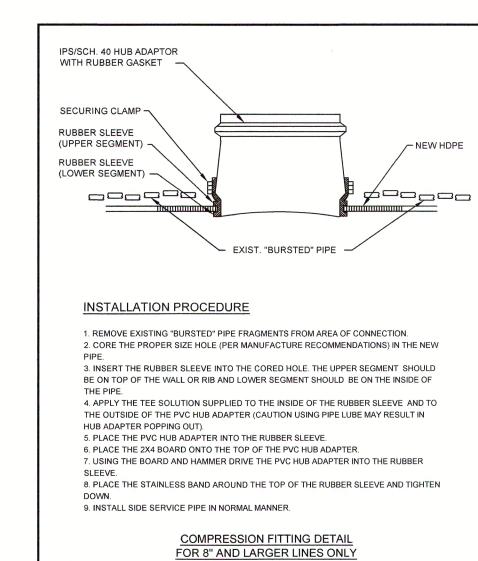


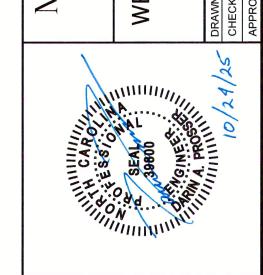










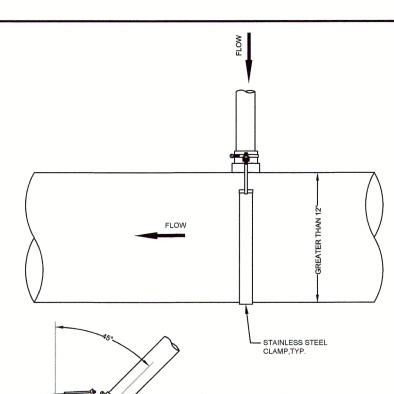


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RECOMMENDATIONS

THIS DETAIL IS FOR NEW CONSTRUCTION WITH LARGE

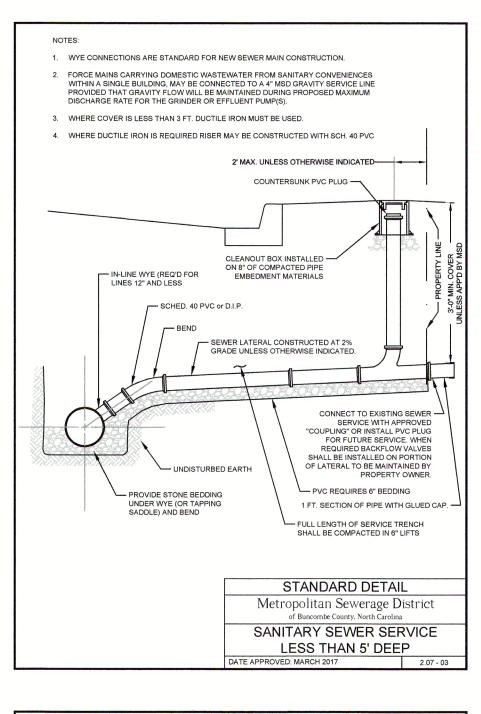
STANDARD DETAIL

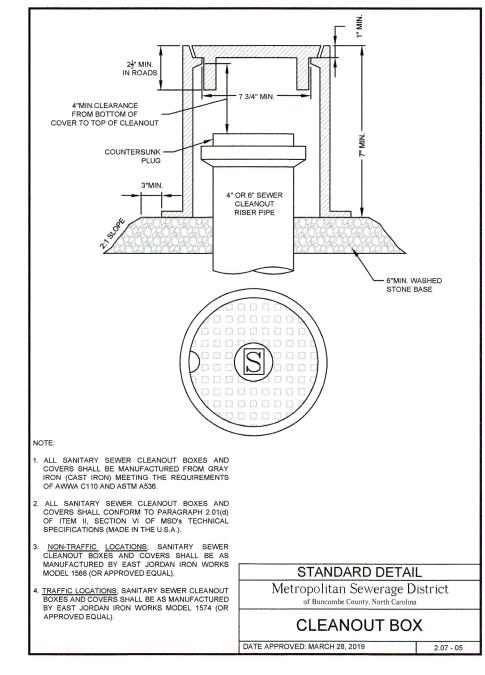
Metropolitan Sewerage District

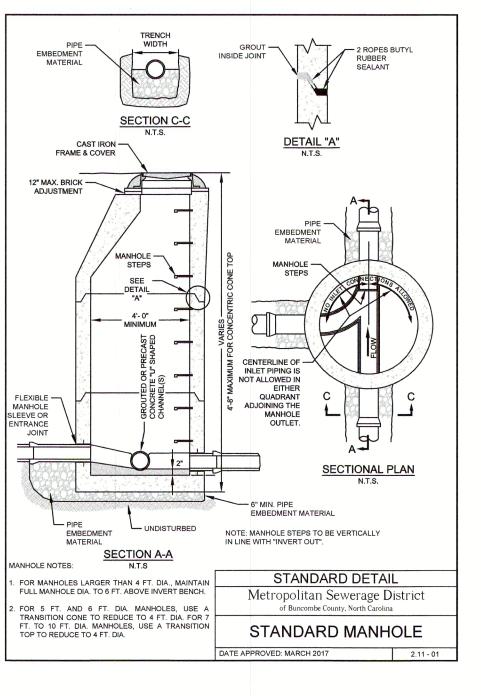
TAPPING SADDLE

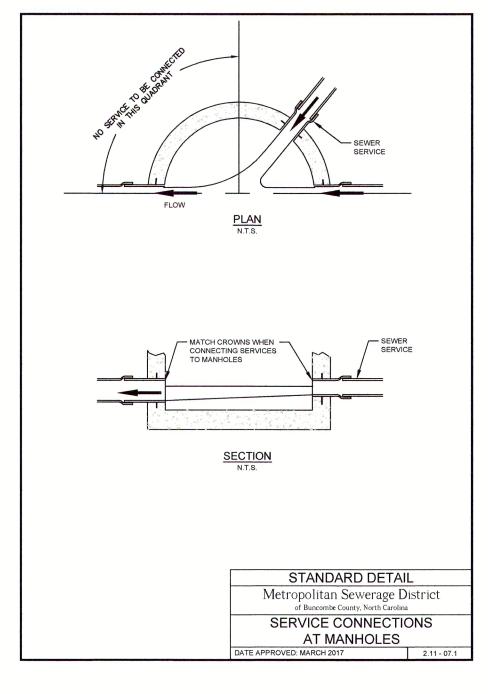
(NEW CONSTRUCTION)

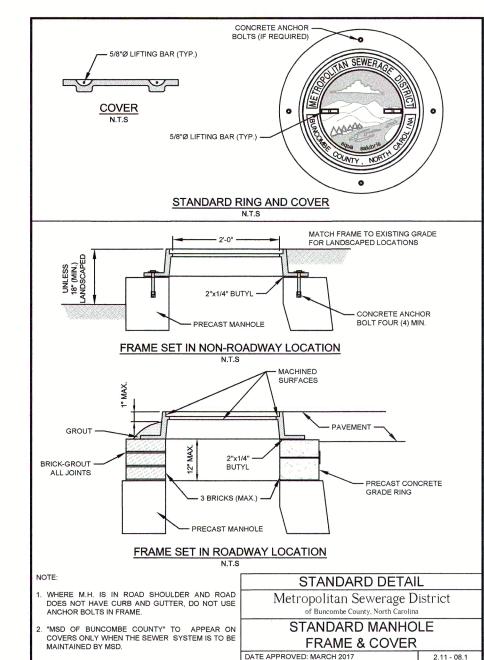
DIAMETER SEWERS (GREATER THAN 12").









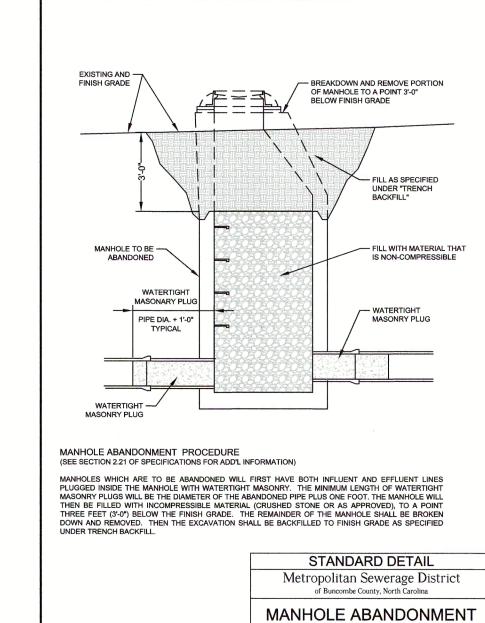


STANDARD DETAIL

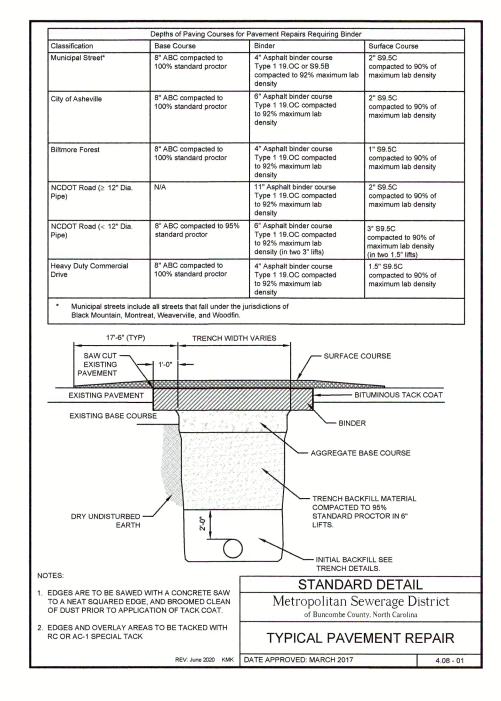
Metropolitan Sewerage District

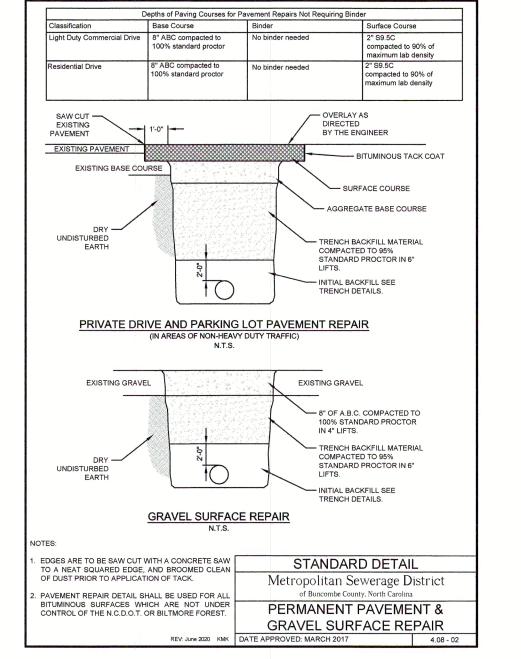
**COMPRESSION FITTING DETAIL** 

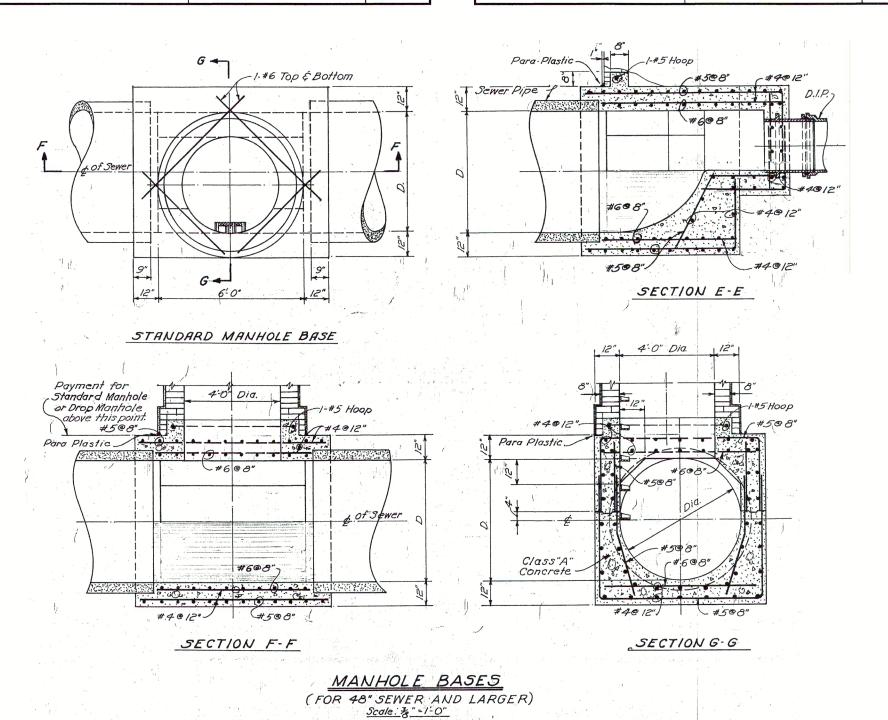
FOR 8" PIPES AND LARGER ONLY

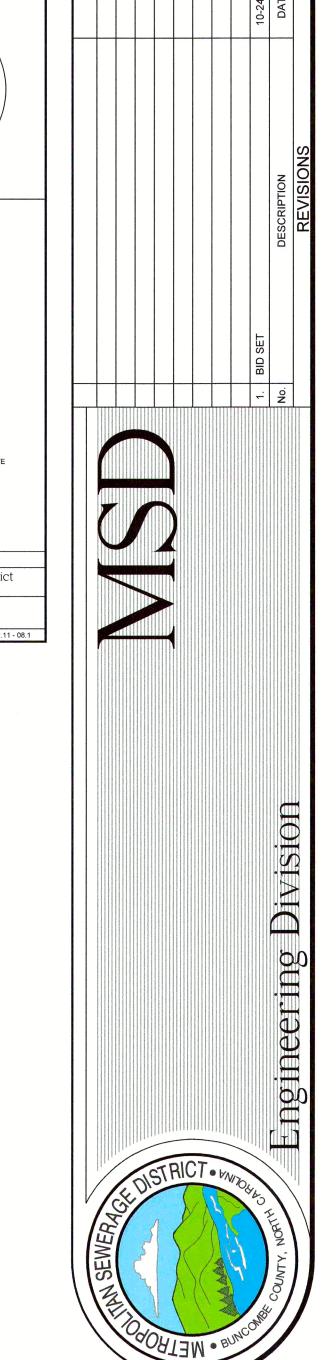


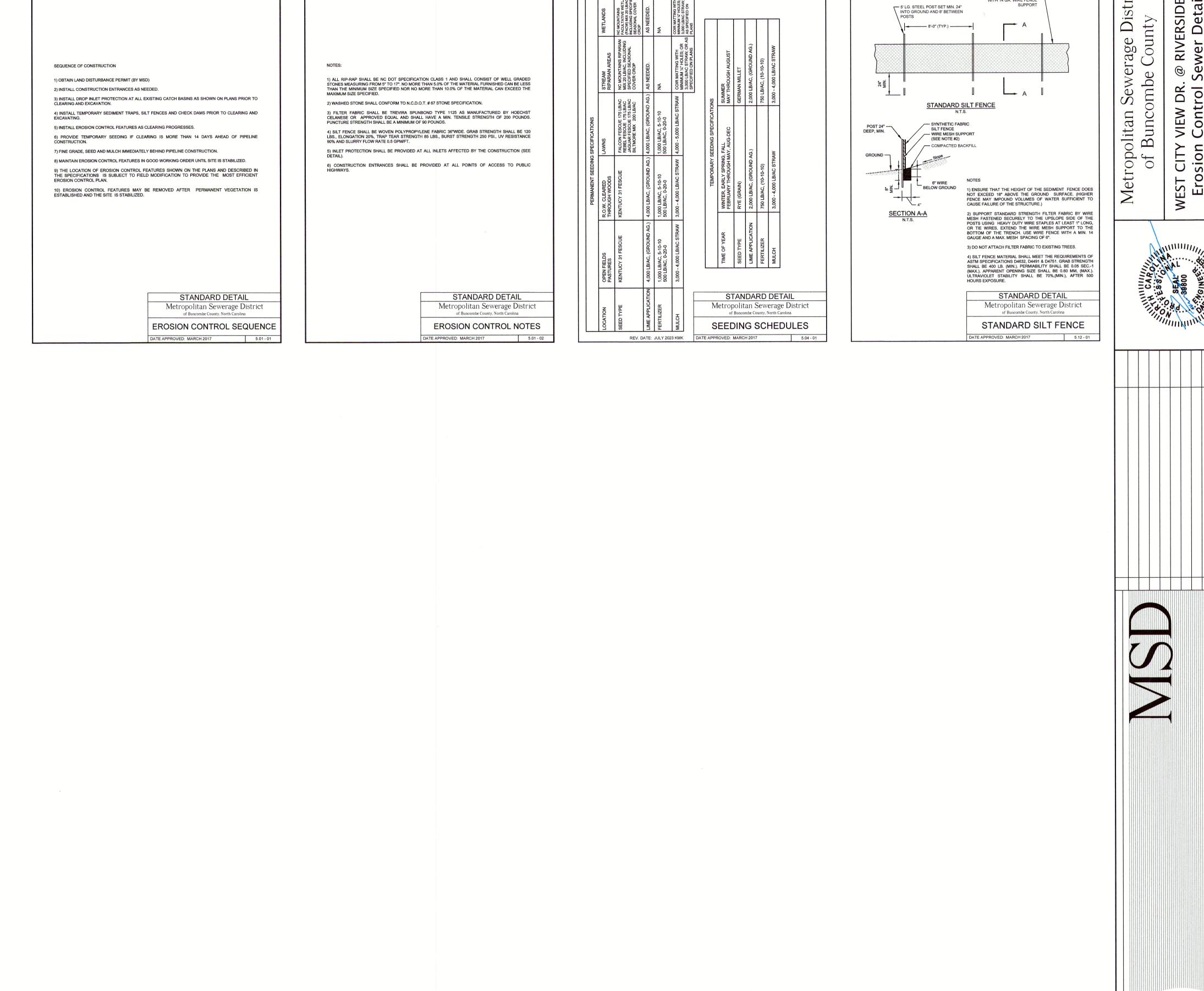
DATE APPROVED: MARCH 2017











Engineering Division

WEST Er

© Se VIEW DR. Control CITY sion

RIVERSIDE I

SYNTHETIC FABRIC SILT FENCE WITH 14 GA. WIRE FENCE SUPPORT