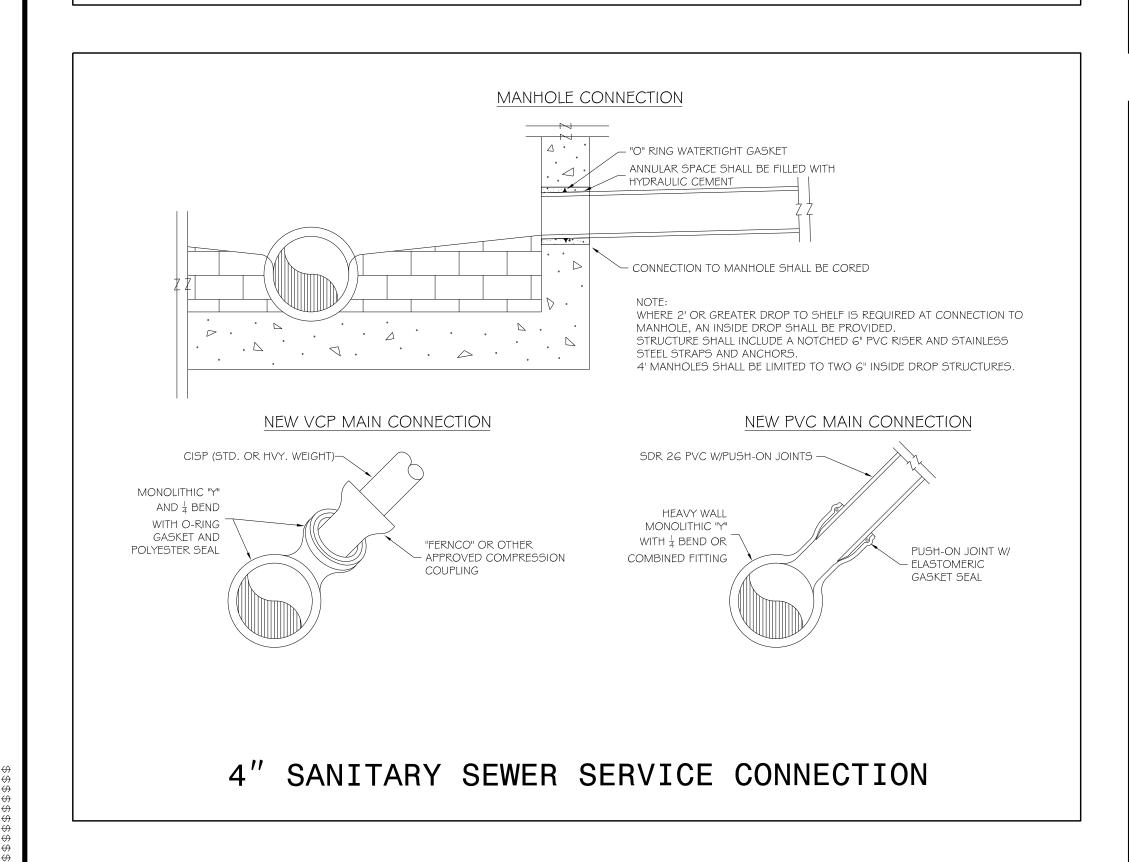
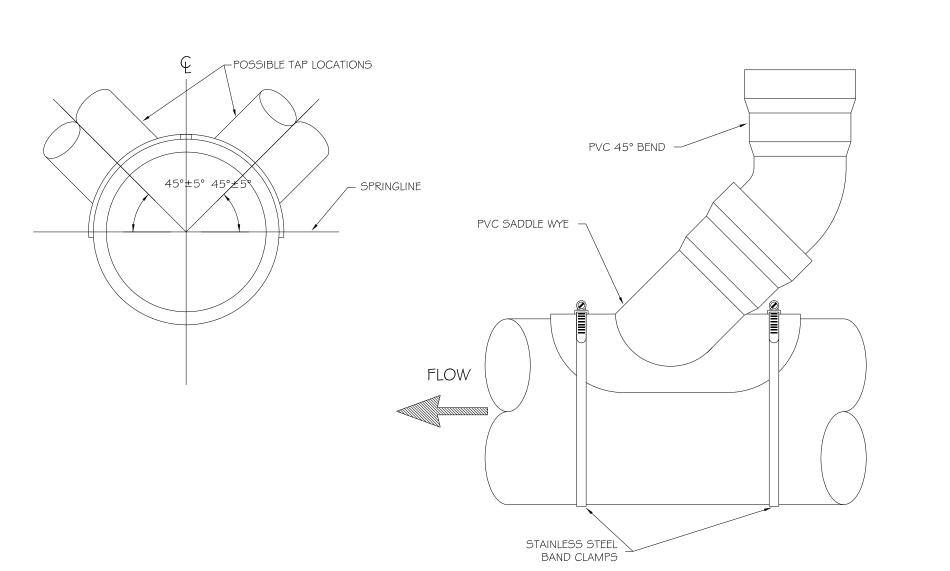
NOTES:

- 1. MINIMUM GRADE FOR 4" SANITARY SEWER SERVICE SHALL BE 1% ($\frac{1}{8}$ " PER FT).
- 2. DEPTH OF SERVICE AT PROPERTY LINE MUST BE SUFFICIENT TO PROVIDE AT LEAST MINIMUM GRADE TO BUSINESS OR DWELLING AND 12" MINIMUM COVER OVER SERVICE.
- 3. ALL SANITARY SEWER SERVICES SHALL HAVE A CLEANOUT PLACED AT THE EASEMENT OR RIGHT-OF-WAY LINE. ALL CLEANOUTS.
- 4. ALL CLEANOUTS SHALL BE CAST IRON WITH BRASS PLUGS. CAST IRON DOUBLE HUB
 CONNECTORS (30" MINIMUM) MAY BE USED TO TRANSITION FROM PVC SERVICE PIPE.
- 5. ALL PVC FITTINGS SHALL BE OF HEAVY WALL CONSTRUCTION (115 PSI MINIMUM PIPE STIFFNESS).
- 6. ALL PIPE WITHIN RIGHT-OF-WAY SHALL HAVE PUSH-ON JOINTS WITH ELASTOMERIC
- 7. SIX INCH (6") AND LARGER SANITARY SEWER SERVICES SHALL CONNECT AT MANHOLES.

STANDARD 4" SANITARY SEWER SERVICE LATERAL

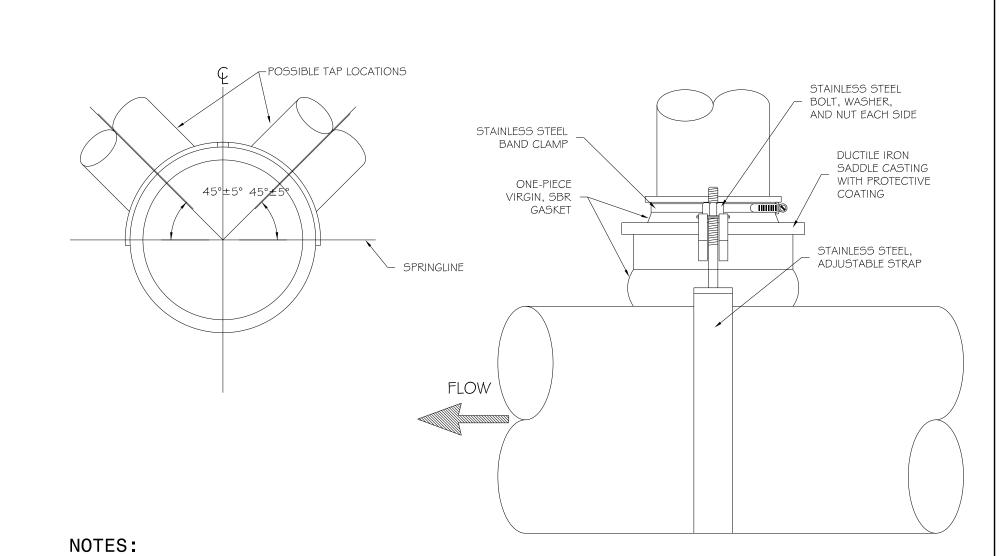




NOTES:

- 1. TAPS FOR SADDLES SHALL BE SAWCUT USING A KEYHOLE OR SABRE SAW AND MANUFACTURER'S TEMPLATE.
- 2. TAPS SHALL BE SMOOTH AND CLEANED OF ALL FILINGS, BURRS, DIRT, DEBRIS, ETC.
- 3. TAP AND SADDLE SHALL BE SOLVENT WELDED USING MANUFACTURER'S RECOMMENDED PRIMER AND SOLVENT CEMENT.
- 4. SADDLE CONNECTION SHALL BE REINFORCED WITH TWO (2) STAINLESS STEEL BAND CLAMPS.

4" SANITARY SEWER SERVICE CONNECTION ON EXISTING PVC SEWER MAIN



- 1. TAPS ON EXISTING SANITARY SEWER MAIN SHALL BE CUT USING AN APPROPRIATELY SIZED TAPPING MACHINE.
- 2. TAPS SHALL BE SMOOTH AND CLEANED OF ALL FILINGS, BURRS, DIRT, DEBRIS, ETC.

4" SANITARY SEWER SERVICE CONNECTION ON EXISTING VCP, CIP, OR DIP SEWER MAIN

SHEET NO. PROJECT REFERENCE NO. U-3330 UC-3K DESIGNED BY: GJB GJB DRAWN BY: CHECKED BY: APPROVED BY: KCZ REVISED: NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC PHONE: (919)707-6690 UTILITY CONSTRUCTION PLANS ONLY FAX: (919)250-4151

UTILITY CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL UNTIL ALL SIGNATURES ARE COMPLETED

