



TYPICAL MANHOLE SECTION PER STANDARD DETAIL 5-5

FOR SLOPES GREATER THAN 15% USE DROP CONNECTION IN ACCORDANCE WITH THE ACSA DESIGN STANDARDS

FOR BRANCH TIE-INS BETWEEN 90° AND 105° MATCH CROWN ELEVATIONS OR PROVIDE 0.3' DROP, WHICHEVER IS GREATER

2.5% MIN. SLOPE
15% MAX. SLOPE

0.1 MIN.
0.6 MAX.

MIN. PIPE SLOPE IN ACCORDANCE WITH THE ACSA DESIGN STANDARDS

FOR INCOMING SLOPES 2.5% OR GREATER MATCH SLOPE THRU MANHOLE WITH INCOMING SLOPE

WATERTIGHT FLEXIBLE BOOT REQ'D AT ALL PIPE CONNECTIONS PER SPECIFICATIONS

THE INVERT CHANNELS SHALL BE FORMED WITH CONCRETE AS SHOWN AND SHALL BE SMOOTH AND SEMI-CIRCULAR IN SHAPE, CONFORMING TO THE INSIDE OF THE ADJACENT SEWER SECTION. CHANGES IN THE DIRECTION OF FLOW SHALL BE MADE WITH A SMOOTH CURVE OF AS LARGE A RADIUS AS SIZE OF MANHOLE WILL PERMIT. SEE SPECIFICATIONS FOR FURTHER DETAIL.

CONNECTIONS APPROACHING AT LESS THAN 90° FROM MAIN LINE, NOT PERMITTED.

AUGUSTA COUNTY SERVICE AUTHORITY VERONA, VIRGINIA	
SCALE: NONE	DRAWN BY:
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TYPICAL MANHOLE PLAN VIEW SHOWING BRANCH TIE-IN & INVERT CHANNELING	
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