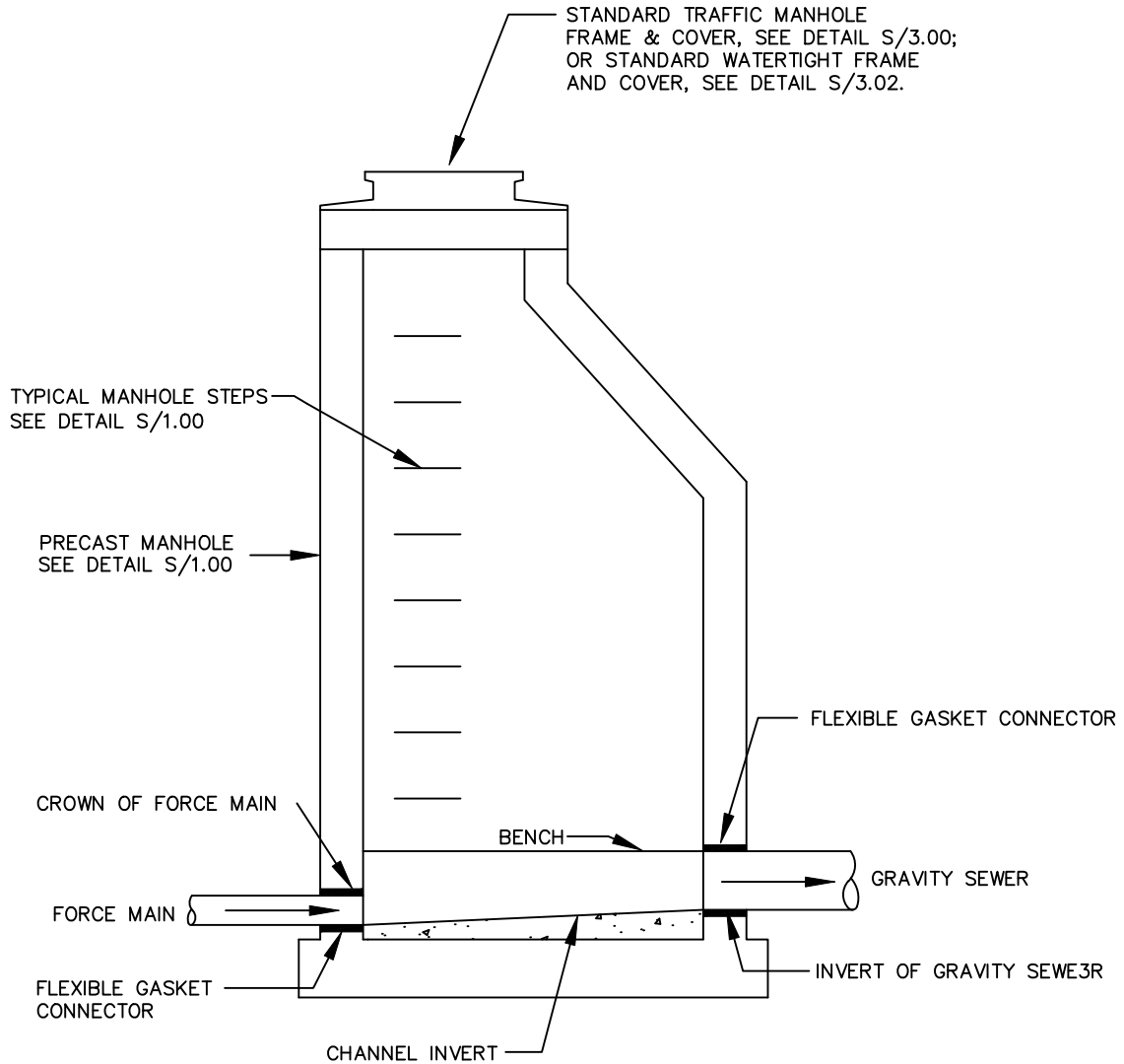


NOTES:

1. FOR COATING OF INTERIOR OF GRAVITY SEWER, FORCE MAIN AND MANHOLE SEE SPECIFICATION.
2. FOR POLYMER MANHOLES INTERIOR COATING IS NOT REQUIRED.
3. ELEVATION OF GRAVITY SEWER INVERT SHALL BE MINIMUM OF 1" ABOVE ELEVATION OF FORCE MAIN CROWN.
4. PROVIDE SMOOTH UPWARD SLOPING CHANNEL FROM FORCE MAIN TO GRAVITY SEWER.
5. FOR TRANSITION MANHOLE DETAILS FOR A GRINDER PUMP/PRESSURE SEWER SYSTEM SEE STANDARD DETAILS



**CHARLES COUNTY GOVERNMENT**

DEPARTMENT OF PLANNING & GROWTH MANAGEMENT

APPROVED: Raymond N. Shumaker, Jr. Aug 8, 2023  
Raymond N. Shumaker, Jr. (Aug 8, 2023 12:00 EDT) DATE

Andy M. Chin Aug 8, 2023  
Andy M. Chin (Aug 8, 2023 14:40 EDT) DATE

PROFESSIONAL ENGINEER

DATE

STANDARD DETAIL

TRANSITION MANHOLE  
 FORCE MAIN TO  
 GRAVITY SEWER

S  
 1.04

REVISIONS:  
 DECEMBER 2022