

**NOTES:**

SHALLOW MANHOLE SHALL BE CONSTRUCTED UTILIZING ALL OF THE DETAIL NOTES AND STANDARDS OF THE PRECAST LINE MANHOLE. METCOM STANDARD S-1

MANHOLE SHALL BE 48" IN DIAMETER

ACCESSWAY SHALL BE 30" IN DIAMETER

BLOCKING SHALL BE BRICK OR CONCRETE

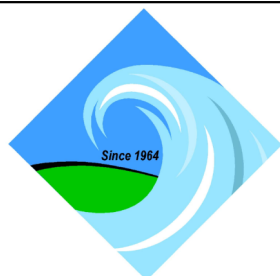
BRASS PIPING SHALL MEET MEET ASTM B43-98(2004) STANDARD SPECIFICATION FOR SEAMLESS RED BRASS PIPE, STANDARD SIZES.

BRASS FITTINGS SHALL MEET MEET ASTM B176-95 STANDARD SPECIFICATION FOR COPPER-ALLOY DIE CASTINGS.

BRONZE BALL VALVE SHALL BE FITTED WITH A 2"x2" OPERATING NUT.

BOND RISER PIPE TO TEE AND COUPLING USING SWEAT SOLDERING METHOD TO PREVENT ROTATION WHEN PLUG IS REMOVED.

VALVE SHALL BE ACCESSIBLE AND OPERATIONAL WITH A VALVE KEY THROUGH ACCESS WAY.



**APPROVED**

*M. C. Hollander*

M. C. HOLLANDER, P.E.  
CHIEF ENGINEER

DATE: 7/11/19

**REVISIONS**

DATE	INITIALS
6/18/09	J.E.C.
1/8/19	J.E.C.

ST. MARY'S COUNTY  
METROPOLITAN COMMISSION  
STANDARDS FOR PUBLIC WATER, SEWER  
AND INCIDENTAL STRUCTURES

LOW PRESSURE DETAIL  
IN-LINE FLUSHING CONNECTION  
IN TRAFFIC AREAS-SEWER LESS THAN 4"

**STANDARD NO. P-4**