



TYPICAL PUMP CONNECTION

- NOTES:**
- BRONZE SWING CHECK VALVE SHALL BE PLACED WITHIN SIX INCHES OF THE BASIN.
 - CONCRETE ANTI-FLOTATION COLLAR SHALL CONSIST OF TWO CUBIC FEET OF CONCRETE FOR EACH FOOT OF BASIN HEIGHT. MDOT SHA MIX #1 2500 PSI.
 - LIFT EYES SHALL BE PROVIDED IN THE CONCRETE ANTI-FLOTATION COLLAR.
 - HOLE FOR INSTALLATION OF SOIL PIPE SHALL BE DRILLED WITH A FIVE INCH HOLE SAW ONLY.
 - FLEXIBLE SOIL PIPE GASKET SHALL PROVIDE A POSITIVE WATER AND VAPOR SEAL ON PIPE AND BASIN SURFACES.
 - LOCATION FOR INSTALLATION OF CONTROL PANEL SHALL BE DETERMINED AT TIME OF PUMP STAKEOUT. TOP OF PUMP SHOULD BE SLIGHTLY HIGHER THAN FINISHED GRADE WITH GROUND SLOPING AWAY.



APPROVED

M. C. Hollander

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

DATE: 7/11/19

REVISIONS	
DATE	INITIALS
7/23/10	J.E.C.
7/24/14	J.E.C.
2/5/19	J.E.C.

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

LOW PRESSURE SEWER DETAIL
GRINDER PUMP
TYPICAL INSTALLATION

STANDARD NO. P-9