



**NOTES:**

- 1) WHEN MAIN LINE IS WATER OR SEWER FORCEMAIN, ENCASED PIPE SHALL BE CLASS 52 INTEGRAL RESTRAINED JOINT DUCTILE IRON AND SHALL EXTEND TO THE TOP OF THE EMBANKMENT BUT NO LESS THAN ONE JOINT OUTSIDE ENCASEMENT.
- 2) WHEN MAIN LINE IS GRAVITY PIPE, ENCASED PIPE SHALL BE CLASS 52 INTEGRAL RESTRAINED JOINT DUCTILE IRON. PIPE SHALL EXTEND FROM MANHOLE TO MANHOLE.
- 3) CONCRETE FOR ENCASEMENT IS TO BE A MINIMUM OF 3000 P.S.I. TEST AT 28 DAYS.
- 4) ENCASEMENTS ARE TO BEGIN AND END AT PIPE JOINTS, LEAVING SUFFICIENT ROOM AT EACH END FOR JOINT BOLT ACCESS FOR FUTURE MODIFICATIONS/REPAIRS.
- 5) BOUYANCY CALCULATIONS MUST BE PERFORMED FOR PIPES LARGER THAN 12" DIA OR IF THE ENCASEMENT IS LONGER THAN 60'.
- 6) PIPE TO BE WRAPPED IN ONE LAYER OF #15 BUILDING FELT FOR FULL LENGTH OF ENCASEMENT.
- 7) PIPE TO BE SUPPORTED DURING POUR BY BRICKS, MASONRY BLOCK, OR OTHER PSA APPROVED METHOD TO ENSURE PIPE IS CENTERED IN ENCASEMENT.



# CONCRETE ENCASEMENT

EFFECTIVE  
07/2024

DETAIL NO.  
110