



INVERT SECTION

## DRAINAGE MANHOLE

**NOTES:**

1. MANHOLE STEPS SHALL BE INSTALLED A MAXIMUM OF 16" (8" MINIMUM) FROM TOP AND BOTTOM OF MANHOLE. ALL OTHER STEPS SHALL BE STAGGERED LATERALLY 12" O.C. & UNIFORMLY SPACED AT 16" O.C. (8" MINIMUM) AND MAY BE WROUGHT IRON OR CAST IRON CONFORMING TO ASTM C478-13 (RUBBER OR PLASTIC COATED). PROVIDE 'BACK-STEP' ON SIDE OPPOSITE OF OPENING ±3'-6" FROM THE TOP.
2. UNLESS OTHERWISE NOTED ON PLANS, CONCRETE SHALL BE CLASS A, 3500 PSI READY MIX TYPE CONFORMING TO ASTM SPECIFICATION C94 AND COMPOSED OF PORTLAND CEMENT, SAND, AND WASHED COURSE LIMESTONE AGGREGATE.
3. 1/2" COAT OF NON-SHRINK CEMENT MORTAR SHALL BE PLACED ON ALL WALLS INSIDE AND OUT (SLOPED, INTERIOR WALLS NOT REQUIRED).
4. DRAINAGE MANHOLE RIM & COVER SHALL BE NO.7 TRAFFIC TYPE AS MANUFACTURED BY MEMPHIS MACHINE WORKS OR APPROVED EQUAL. COVER TO SAY 'DRAIN'. RIM & COVER TO BE INSTALLED ECCENTRIC TO MAIN DIAMETER TO PROVIDE FOR VERTICAL STEPS.
5. DIAMETER OF DRAINAGE MANHOLE VARIES. DEPTH OF DRAINAGE MANHOLE VARIES. SEE PLANS FOR SPECIFICATIONS.



ENGINEERING DEPARTMENT

DRAINAGE MANHOLE

DRAWN:	MLC	DATE:	06.26.23
CHECKED:	JDB	REVISED:	
APPROVED:	EWS	SCALE:	NTS