MIN. 10 LF DIP FORCE MAIN CENTERED ON MANHOLE

NOTES:

1. FORCE MAIN SHALL BE DUCTILE IRON PIPE 10 LF CENTERED ACROSS MANHOLE.
2. CONTRACTOR TO INSTALL FORCE MAIN AT DEPTH REQUIRED TO FACILITATE INSTALLATION OF AIR RELEASE MANHOLE AT HIGH POINT OF LINE.
3. INTERIOR OF MANHOLE INCLUDING ALL PIPING SHALL BE FACTORY EPOXY COATED MIN. 50 mil SURFACE DRY. EPOXY SEALER PRIME COATING & FINISH COATING SHALL BE APPROVED BY THE COUNTY PRIOR TO INSTALLATION.
4. IN LIEU OF DIP FORCE MAIN MANHOLE, C-900 PIPING WITH A CONCRETE CRADLE MAY BE USED.

PLAN

LOCKABLE 24" RING & COVER NCDOT TRAFFIC RATED W/ 1" DRILLED VENT HOLE USE STAINLESS STEEL HEXHEAD BOLTS FLUSH WITH FINISHED GRADE.

CONNECT FRAME TO TOP WITH 4 3/8" SSTL EXPANSION BOLTS.

FINISHED GRADE

MANHOLE STEPS SHALL BE PLACED 16" O.C. WHEN DEPTH OF MANHOLE EXCEEDS 5'.

BACK FLUSH ATTACHMENT WITH QUICK COUPLER

2" AIR VACUUM/PRESSURE RELEASE VALVE - ARK OR APPROVED EQUAL

2" ISOLATION VALVE AND INLET PIPING SHALL BE SS 316

MIN. 12" #57 STONE

TAPPING SADDLE

SECTION

AIR VACUUM/RELEASE MANHOLE FOR FORCE MAIN

NOT TO SCALE