STANDARD INSIDE DROP MANHOLE

NOTES:
1. INSIDE DROP MANHOLES SHALL ONLY BE ALLOWED BY WRITTEN PERMISSION OF THE TOWN OF CARY WATER RESOURCES DEPARTMENT.
2. ONE INSIDE DROP ALLOWED FOR 5 FOOT MANHOLE.
3. PIPE SIZE FOR DROP TO EQUAL INFLOW SEWER PIPE SIZE.
4. MECHANICAL JOINT TO BE USED.
5. ALL MANHOLE CONNECTIONS SHALL BE CORED.
6. DROP MANHOLE MANDATORY WHEN DIFFERENTIAL BETWEEN INVERTS IS GREATER THAN 20 INCHES.
7. STRAP INTERVALS OF 18 INCHES SHALL BE USED ON ALL DROPS GREATER THAN 5 FEET.
8. USE 1/2 INCH DIAMETER EXPANSION TYPE STAINLESS STEEL CINCH BOLTS WITH STAINLESS STEEL WASHERS AND NUTS TO ATTACH STRAPS.
9. PROVIDE ONLY FIRST AND LAST STEP IN MANHOLE.

STANDARD PRECAST MANHOLE

DUCTILE IRON PIPE CROSS

BOOT CONNECTION

D.I.P. MAIN

S.S. STRAPS 3-FT MAX. ON CENTER, STARTING AT THE TEE ELBOW AND ENDING AT THE 90° BEND. (SEE STRAP DETAIL, THIS SHEET)

1/8" THICK, STAINLESS STEEL STRAP

3"

VARES

2"

STANDARD PRECAST MANHOLE

DUCTILE IRON PIPE

GROUT

DUTCILE IRON 90° BEND

PIPE

GROUT

5'0" DIAMETER MIN.

3'0" MINIMUM

SECTION VIEW

SECTION A-A

STANDARD INSIDE DROP MANHOLE

EFFECTIVE: 01/05/17

DETAIL No.

07000.06

SHEET 1 OF 1