CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES

INSIDE DROP MANHOLE

1/4"x2" STAINLESS STEEL STRAP WITH 2 ANCHOR BOLTS

4" MIN. CLEAR FROM JOINT (ABOVE OR BELOW)
CUT TO FIT

SECTION B-B

NOTES:
1. PIPE FOR INSIDE DROP SHALL BE SDR 35 PVC CONFORMING TO ASTM SPECIFICATION D3034.
2. BOTTOM BEND TO BE 90° SHORT BEND, BELL SPIGOT, OF SDR 35 PVC. SPIGOT OF BEND TO REST DIRECTLY ON EXISTING SHELF. CONSTRUCT MASONRY TROUGH FROM DROP EFFLUENT TO MAIN CHANNEL.
3. NOTCH BELL OF PVC DROP TO ACCEPT D.I.P. SPIGOT AS SHOWN.
4. LOCATE STRAPS AT PIPE BELL AND ABOVE BELL OF 90° BEND AS SHOWN. ADD EXTRA STRAPS AS NECESSARY TO MAINTAIN MAXIMUM SPACING OF TEN FEET.
5. HOLE IN MANHOLE WALL TO BE MADE WITH A CORING MACHINE. INSTALL FLEXIBLE RUBBER COUPLING.
6. CORE HOLE SHALL NOT ENTER CONE SECTION.
7. STEPS SHALL BE RELOCATED IF THEY CONFLICT WITH INSIDE DROP.

SECTION A-A

RESHAPE INVERT

ENLARGED DETAIL

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES

INSIDE DROP MANHOLE

DWG. NO. REVISIONS DATE REVISIONS DATE
S-53 MAB 11-6-13