

SEE LYNCHBURG STD.
DETAIL 27.02 OR 27.03
FOR CONSTRUCTION
CONTINUATION

STANDARD PRECAST
CONCRETE MANHOLE

DROP MANHOLE TEE

USE FLEXIBLE RUBBER
BOOT OR APPROVED
PVC MANHOLE ADAPTOR
IN CORE OPENING

PIPE STRAPS
(STAINLESS STEEL)

45° BEND

VDOT NO. 57 STONE

NEW MANHOLE
5'-0" DIAMETER (MINIMUM)

EXISTING MANHOLE ONLY
4'-0" DIAMETER (MINIMUM)**
SEE NOTE 6

REMOVABLE CAP
W/TOP 1/2 OF END
OF CAP REMOVED

INVERT IN

DROP HEIGHT (DH)

INVERT OUT

NOTES:

1. ALL THRU PIPE SHALL BE FITTED WITH SCH. 40 PVC REMOVABLE CAP.
2. ALL PLUGS SHALL BE SECURED TO THE DROP FITTING WITH 2 FEET OF GALVANIZED CHAIN SECURED WITH TWO STEEL MACHINE SCREWS, NUTS, AND WASHERS.
3. DROP STACK SHALL BE SCH. 40 PVC AND STRAPPED TO MANHOLE AT PIPE JOINTS. STRAPS AND FASTENERS SHALL BE STAINLESS STEEL.
4. ELBOW AT BOTTOM OF THE STACK SHALL BE A 45° BEND POSITIONED IN THE DIRECTION OF THE FLOW WITH BENCH CONSTRUCTED TO CONFORM TO MANHOLE BENCH.
5. A RELINER OR PREDL LOW PROFILE INSIDE DROP SHALL BE USED IN LIEU OF PVC PIPING INSIDE EXISTING 4 FT. DIA. MANHOLES.
6. FOR EXISTING M.H.s >4 FT. DIA., A RELINER OR PREDL LOW PROFILE INSIDE DROP OR PVC PIPING AS SHOWN MAY BE USED.



THE CITY OF LYNCHBURG

STANDARD INTERIOR
DROP MANHOLE

USE WITH THE CITY OF LYNCHBURG STANDARD SPECIFICATIONS ONLY

SCALE:
NOT TO SCALE

DETAIL #
27.04

REVISION DATE:
12-15-2016

SHEET #:
1 OF 1

12/16/2016 - 1:27:01pm