Figure B-1
TRENCH DETAIL

Sewer Construction Standards
Date: 2009
Scale: No Scale

NOTE:
1. MINIMUM DEPTH OF COVER SHALL BE 4'-0"
2. PAVEMENT RESTORATION SHALL CONFORM TO THE DEPARTMENT OF PUBLIC WORKS REQUIREMENTS
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1. MINIMUM DEPTH OF COVER SHALL BE 4'-0"
2. PAVEMENT RESTORATION SHALL CONFORM TO THE DEPARTMENT OF PUBLIC WORKS REQUIREMENTS
NOTE: ALL LIFTING HOLES TO BE PLUGGED IN AND OUT WITH HYDRAULIC CEMENT.
DIAMOND DESIGN

WORD "SEWER"
CAST IN COVER

LEBARON NO. LCB327-2 "SEALTITE"
(TO BE USED IN
OFF THE ROADWAY AREAS)
WITH 2 SLOTS FOR LIFTING
NOTES:

1. SHALLOW MANHOLES SHALL BE PROVIDED ONLY WHERE THE VERTICAL HEIGHT OF THE MANHOLE IS LESS THAN 6 FEET.

2. ALL LIFTING HOLES TO BE PLUGGED IN AND OUT WITH HYDRAULIC CEMENT.
NOTE:
1. ALL LIFTING HOLES TO BE PLUGGED IN AND OUT WITH HYDRAULIC CEMENT.
2. DROP PIPE SHALL BE PVC AND SAME SIZE AS INLET SEWER.
NOTE:
1. ALL LIFTING HOLES TO BE PLUGGED IN AND OUT WITH HYDRAULIC CEMENT.
2. DROP PIPE SHALL BE PVC AND SAME SIZE AS INLET SEWER.
NOTE:
1. VENTILATION HOLES OF ANY SIZE ARE NOT ALLOWED
NOTE:
FOR AN EXISTING SEWER MAIN THAT DOES NOT HAVE A TEE INSTALLED, THE CONTRACTOR SHALL INSTALL A TEE.
NOTE:
1. MINIMUM DEPTH OF COVER SHALL BE 4'-0"
2. WHEN IN GROUNDWATER SEE DETAIL B-2
3. PAVEMENT RESTORATION SHALL CONFORM TO THE DEPARTMENT OF PUBLIC WORKS REQUIREMENTS
SECTION
IN LINE FLUSHING CONNECTION
NOT TO SCALE

Figure B-17
LOW PRESSURE IN-LINE STRAIGHT THROUGH FLUSHING CONNECTION

Town of Burillville Board of Sewer Commissioners

Date: 2009
Scale: No Scale
3'- RESILIENT SEAT AWWA GATE VALVE W/ HANDLE
< 3'- FULL PORT BALL VALVE W/ HANDLE W/
THREADED JOINTS

SDR 21 PVC

PIECE SUPPORT

60' Ø PRECAST CONC.
SEWER MANHOLE

MECH. COUPLING
(TYP.)

SCH 80 PVC

PIPE SUPPORT
SEE DETAIL B

SDR21 PVC

KDR-NS-EAL (TYP.)

THRUST PIPE SECURED TO
MANHOLE WITH EPOXY S.S.
ANCHOR BOLTS

30' DIA.
& COVER ( H-20 LOADING) COVER TO
BE LABELED 'SEWER' LE BARON
LAB 300 'SEALTITE'

NON-SHRINK
GRDUT

RED BRICK
TO GRADE

SEAL JOINTS W/
BUTYL RUBBER

BITUMASTIC COATING

ALUM. QUICK DISCONNECT
W/ CAP MATCH W W
STANDARDS

1-1/2' 2000 FULL PORT W/ HANDLE
AND W/ THREADED JOINTS BALL
VALVE(TYP.)

1 1/2' SCH
80 PVC

SCHEDULE 80
PVC

SDR21 PVC

MECH. COUPLING (TYP.)

12' MIN. STONE BEDDING

LADDER RUNGS TO BE
SPACED @ 12' O.C.

SECTION
IN LINE FLUSHING CONNECTION
NOT TO SCALE

*JOINTS TO BE THREADED
OR SOLVENT JOINT

Figure B-18
LOW PRESSURE IN-LINE WITH SIDE CONNECTION
FLUSHING CONNECTION

Sewer Construction Standards

Date: 2009  Scale: No Scale
ALUM. COUPL. W/MALE THREAD

D.I. COMPANION FLG

F & F 90° BEND

ALUM. DUST CAP W/LOCKING HASP AND LOCK

BUFFALO TYPE VALVE BOX LABELED "SEWER"

CONC. SLAB AT GRADE 6" TH. X 24" DIA.

FROM VALVE CHAMBER

TEE

TEE

FORCE MAIN

RESILANT SEAT GATE VALVE

NOTE:
PROVIDE ONE VALVE KEY

Figure B-19
BYPASS PUMPING CONNECTION AT PUMP STATION

Town of Burillville Board of Sewer Commissioners

Sewer Construction Standards
Date: 2009
Scale: No Scale