



**NOTES:**

1. INVERT ELEVATIONS ARE MEASURED AT THE THE INSIDE FACE OF THE MANHOLE WALL.
2. MINIMUM DIFFERENCE IN ELEVATION AT MANHOLES:
  - A. STRAIGHT THROUGH – 0.10'
  - B. 45° BEND – 0.20'
  - C. 90° BEND – 0.30'



**DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION  
TOWN OF BILLERICA,  
MASSACHUSETTS**

**MANHOLE INVERT  
MEASUREMENT  
PARAMETERS**

CREATED BY: DCW/KCS

SCALE: NTS

FILE:

CHECKED BY: GA/JT

DATE: 06/29/2015