

## REQUIRED COVER OVER CROWN OF PIPE

| NOMINAL<br>SIZE OF DI<br>PIPE | REQUIRED COVER<br>OVER PIPE<br>(INCH) |
|-------------------------------|---------------------------------------|
| 2"                            | 30                                    |
| 3"                            | 30                                    |
| 4"                            | 30                                    |
| 6"                            | 30                                    |
| 8"                            | 36                                    |
| 12"                           | 36                                    |
| 16"                           | 36                                    |
| 18"                           | 36                                    |
| 20"                           | 36                                    |
| 24"                           | 42                                    |
| 30"                           | 42                                    |
| 36"                           | 42                                    |
| 42"                           | 42                                    |

NOTE:

1. THE MINIMUM COVER OVER PIPES SHALL BE AS SHOWN IN THE TABLE FOR WATER MAINS AND SEWER FORCE MAINS INSTALLED IN THE CITY OF NORFOLK, EXCEPT WHEN SUCH CONDITIONS EXIST TO PREVENT THIS COVER FROM BEING OBTAINED, IN WHICH EVENT THE AMOUNT OF COVER SHALL BE DETERMINED BY THE ENGINEER. THE AMOUNT OF COVER SHALL BE MEASURED FROM THE PROPOSED GRADE OF THE STREET OR THE EXISTING GRADE WHICH EVER MAY BE THE LOWER.
2. ALL VALVES SMALLER THAN 12 INCHES IN DIAMETER SHALL BE GATE VALVES.
3. ALL WATER VALVES SHALL OPEN RIGHT, 12-INCH DIAMETER VALVES AND LARGER SHALL BE HORIZONTAL GATE OR BUTTERFLY VALVES.
4. ALL SEWER VALVES SHALL BE OPEN LEFT GATE VALVES, 12-INCH VALVES AND LARGER SHALL BE HORIZONTAL GATE VALVES.



DATE: 03/18

CITY OF NORFOLK — DEPARTMENT OF UTILITIES  
STANDARD DETAILS

REQUIRED PIPE COVER

SCALE:  
NOT TO SCALE

DRAWING NO.  
CWS 08