

TO SPRINKLER RISER  
(SEE DETAIL 6000.27  
FOR CONNECTION)

FLANGE JOINT  
(TYPICAL)

WALL

STANDARD 4-FT MANHOLE  
RING AND COVER.  
NOTE: COVER SHOULD BE  
LABELED WATER.  
(SEE DETAIL 7000.07 &  
7000.11)

6"x 18"  
CONCRETE SLEEVE

36" UNOBSTRUCTED CLEARANCE

5" STORZ CONNECTION  
30 DEGREE FIXED (NON-SWIVEL)  
WITH CAP SECURED WITH CHAIN  
GUARDIAN MODEL 6625 (4") OR  
MODEL 6628 (6") OR EQUAL

QUARTER TURN  
BALL VALVE

30" TO 42"

12"

NO PARKING IN  
FRONT OF FDC.

FLOOR

FINISHED GRADE

ROADWAY

ACTUAL PIPE SIZE  
SHALL BE DESIGNED  
& SHOWN ON PLANS  
BY FIRE PROTECTION  
ENGINEER OR  
SPRINKLER SYSTEM  
DESIGNER

AWWA C 508  
SWING CHECK  
VALVE WITH  
SPRING LOADED  
BALL DRIP VALVE

3'-6"  
MINIMUM

2'-0" MINIMUM, 15'-0" MAXIMUM  
FROM CURB OR EDGE OF PAVEMENT

THRUST BLOCK (TYPICAL)  
(SEE DETAIL 06000.21)

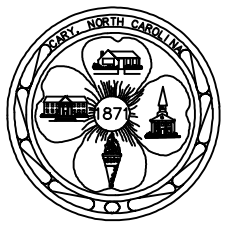
CMU SUPPORT  
OR PIPE STAND

12" MIN.

12" OF #57 WASHED STONE

**NOTES:**

1. FIRE DEPARTMENT CONNECTIONS MUST BE WITHIN 50 FEET OF A FIRE HYDRANT, EXCEPT AT TOWNHOUSES, APARTMENT BUILDINGS, AND WITHIN URBAN SETTINGS.
2. FIRE DEPARTMENT CONNECTIONS CAN BE ATTACHED TO BUILDING.
3. TWO 3/4 INCH STAINLESS STEEL RODS ON EACH PIPE SEGMENT MAY BE SUBSTITUTED FOR WEDGE ACTION RESTRAINTS.
4. SPRING LOADED BALL DRIP VALVE SHALL BE INSTALLED VERTICALLY IN FRONT OF CHECK VALVE DISC. AN ADDITIONAL FITTING MAY BE REQUIRED SO THAT DRIP VALVE IS VERTICAL.



EFFECTIVE: 07/01/22

**CURB SIDE STANDPIPE 5" STORZ SYSTEM FIRE DEPARTMENT CONNECTION**

DETAIL No.

6000.35