

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

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

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" 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: 07/01/21

CURB SIDE STANDPIPE 5" STORZ SYSTEM FIRE DEPARTMENT CONNECTION

DETAIL No.

6000.35