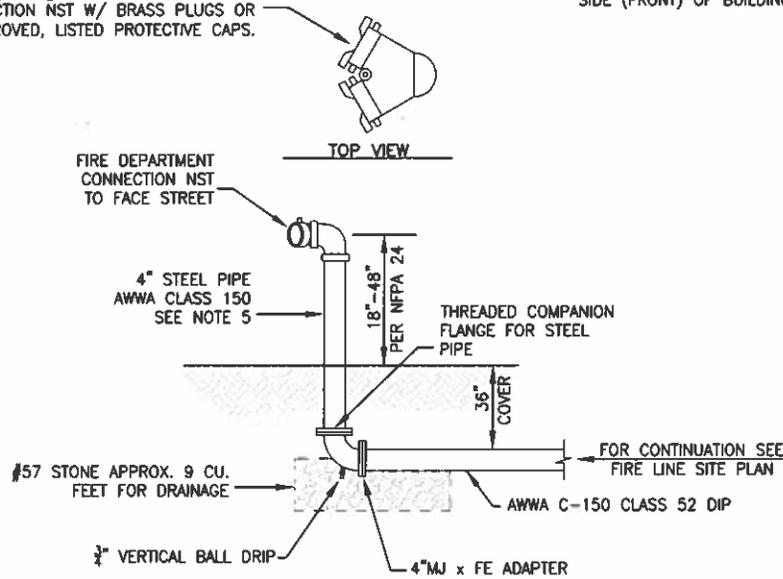


2½" x 2½" x 4" FIRE DEPARTMENT CONNECTION NST W/ BRASS PLUGS OR OTHER APPROVED, LISTED PROTECTIVE CAPS.

FDC SHALL BE LOCATED ON THE STREET SIDE (FRONT) OF BUILDING SERVED.



FIRE DEPARTMENT CONNECTION (FDC) - DETAIL

NOT TO SCALE

NOTES:

1. PROVIDE BUILDING I.D. SIGNAGE ON REMOTE FIRE DEPT. CONNECTION. "FDC" IN 6" WHITE LETTERS AND ALPHA NUMERIC DESCRIPTION OF BUILDING SERVED IN 2" WHITE LETTERS ALL ON A REFLECTIVE RED BACKGROUND.
 2. NO TREES, BUSHES OR WALLS WITHIN 5' RADIUS OF FIRE DEPT. CONNECTION.
 3. ALL PIPE SHALL BE AWWA C-150 CLASS 52 DIP.
 4. FDC RISER TO BE PAINTED RED, EXCLUDING HOSE CONNECTION THREADS.
 5. PROPER SIZING OF PIPING SERVING UNDERGROUND FIRE MAINS AND APPURTENANCES (FDC) SHALL BE IN ACCORDANCE WITH NFPA 24 & 13. TO ACCOMODATE HYDRAULIC DEMAND.
 6. FDC SHALL NOT BE PLACED WITHIN RIGHT-OF-WAY. FDC SHALL BE GREATER THAN 40' FROM ANY STRUCTURE TO BE OUT OF HAZARD ZONE AND SHALL BE LOCATED WITHIN 50' OF A PUBLIC OR PRIVATE FIRE HYDRANT.
 7. CHECK VALVE SHALL BE LOCATED INSIDE OF BUILDING FOR ACCESSIBILITY IN ORDER TO PERFORM REQUIRED INSPECTION AND MAINTENANCE.*
 8. BALL DRIP VALVE MUST BE INSTALLED AT BASE OF FIRE DEPARTMENT CONNECTION FOR PROPER AND COMPLETE DRAINAGE AND MUST BE PERIODICALLY TESTED.*
- * FDC EQUIPMENT MUST BE PERIODICALLY INSPECTED & TESTED PER NFPA 13 & 25. CHECK VALVES SHALL BE INSPECTED & TESTED EVERY 5 YEARS. BALL DRIP VALVE SHALL BE TESTED AT MINIMUM INTERVALS CORRESPONDING WITH CHECK VALVE SCHEDULE OR SOONER AS MAY BE REQUIRED BY THE AUTHORITY HAVING JURISDICTION TO DETECT/CORRECT NON-PERFORMANCE. BALL DRIP VALVE SHALL BE TESTED DURING NON-FREEZING TEMPERATURES DUE TO INTRODUCTION OF WATER THROUGH FDC INTAKE DURING TESTING PROCEDURE TO EVALUATE ACCEPTABLE DRAINAGE PERFORMANCE.

Chesapeake VIRGINIA	DESIGN AND CONSTRUCTION STANDARDS	
	FIRE DEPARTMENT CONNECTION (FDC)	
	DR. BY:	DATE:
	CHK. BY:	DATE:
DATE	REVISIONS	APP. BY: DATE:

APPROVED FOR THE WEB

Donald W. Wooten 5/6/19
FIRE OFFICIAL Date
Fire Marshal