

GENERAL NOTES:
1. TRAFFIC BEARING BOX REQUIRED IN TRAFFIC AREAS.
2. ALL PIPE AND FITTINGS SHALL BE OF SIMILAR MATERIAL.
3. ALL PIPE SHALL BE OF SAME SIZE.
4. NO BENDS ARE ALLOWED IN THE LATERAL FROM THE MAIN TO THE CLEANOUT.
5. STACK WYE (EXCEPT AS NOTED) SHALL BE PERFORMED BY WESTERN VIRGINIA WATER AUTHORITY.
6. PIPING BEHIND CLEANOUT TO BE INSTALLED PER BOCA CODE.
7. MINIMUM LATERAL SIZE:
4" FOR RESIDENTIAL SERVICE
6" FOR NON-RESIDENTIAL SERVICE
8. MINIMUM COVER FOR ALL SEWER LATERALS SHALL BE THREE FEET.
9. PROPERTY OWNER RESPONSIBLE FOR INSTALLING CLEANOUT ON PROPERTY LINE WHEN MAINTENANCE OCCURS, IN ACCORDANCE WITH THIS STANDARD.
10. FLOWLINE AT CLEANOUT WYE SHALL BE A MINIMUM OF THREE FEET (3') BELOW LOWEST SERVED FINISHED FLOOR.

NOTES:
1. HYDRANTS SHALL BE PAINTED SILVER WITH AN OIL-BASED PAINT AND PRIVATE HYDRANTS SHALL BE PAINTED WHITE WITH AN OIL-BASED PAINT.
2. FIRE HYDRANT SHALL BE INSTALLED 2' MIN. AND 4' MAX. FROM BACK OF CURB OR 8' MIN. AND 17' MAX. FROM CURB TO PROPERTY LINE.
3. WHEN CURB IS NOT PRESENT, FIRE HYDRANT TO BE INSTALLED WITHIN RIGHT-OF-WAY OR EASEMENT LINE.
4. HYDRANT SHALL BE INSTALLED AT A RADIUS OF 4' TO 12' FROM CURB AND UNRESTRICTED.
5. HIGH PRESSURE (OVER 120 PSI) REQUIRES THE USE OF 3" RESTRAINTS.

VARIES

NOTE: COMPLETE FIRE HYDRANT ASSEMBLY INCLUDES BRANCH PIPE, FITTINGS, GATE VALVE AND BOX, CONCRETE BASE AND THRUST BLOCKS OR M.J. GLAND RESTRAINT.

AVK MODEL 2780, APC MODEL 844-B, MUELLER CENTURION MUELLER CENTURION OR APPROVED EQUIVALENT.

2.5" 1/2" NOZZLES

1.4" 1/2" PUMPER NOZZLE

2'X2'X4" CONCRETE PAD

CUT SLOPE

3' MIN. COVER

5' C.U. FT. GRAVEL

VALVE BOX OUTSIDE PAVEMENT OR VAULT UNDER PAVEMENT

STANDARD INSTALLATION INCLUDES FOSTER ADAPTER OR APPROVED EQUIV.

CONTINUOUS SECTION OF PIPE

3/4" DIA. "SHORTY" THREADED ROD AND NUTS

APPROVED M.J. GLAND RESTRAINT (I.E. METALLURGICAL GRIP RINGS OR UNIFLANGE) MAY BE SUBSTITUTED FOR CONCRETE THRUST BLOCKS.

M.J. FITTINGS SHALL NOT BE ENCASED IN CONCRETE

CONCRETE BASE AND THRUST BLOCK AGAINST UNDISTURBED SOIL. CONCRETE SHALL NOT COVER HYDRANT GRAM.

PRIVATE PROPERTY

RIGHT OF WAY OR EASEMENT LINE

8" HOUR CLEANOUT FRAME & COVER CAPTOP FOUNDATION BRASS CAP FOR (NON-TRAFFIC) OR 15" (TRAFFIC BEARING)

FINISHED GRADE

P.U.E.

PLASTIC BODY CLEAN-OUT & CAP

5' MIN.

CLEAN-OUT STACK (4" MINIMUM SCHEDULE 40S) 30" DIA.

4" MINIMUM GRAVEL BEDDING

TEE, WYE, TEENWYE OR COMBINATION OF WYES & 45° BEND FITTINGS SHALL BE SIZED AS REQUIRED.

WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS

REVISION DATE

07/01/04

03/01/06

SANITARY SEWER LATERAL

S-08

WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS

REVISION DATE

07/01/04

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FIRE HYDRANT ASSEMBLY

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