

NOTES

VALVE BOX (W/ ADAPTOR) IF OUTSID

THRUST BLOCK

(IF REQUIRED

x 6" TO VALVE AND

LINE SIZE

PAVEMENT OR VALVE

VAULT UNDER PAVEMENT

OR APPROVED EQUAL

STANDARD INSTALLATION

- INCLUDES FOSTER ADAPTER

PUBLIC HYDRANTS SHALL BE PAINTED SILVER WITH AN OIL-BASED PAINT. PRIVATE HYDRANTS SHALL ALSO BE

2. FIRE HYDRANT SHALL BE INSTALLED 2' MIN. AND 4' MAX. FROM BACK OF CURB OR 6' MIN. AND 12' MAX. FROM EDGE

4. WATERPROOF BAGS OR OUT OF SERVICE RINGS SHALL BE PLACED OVER ALL NEWLY INSTALLED FIRE HYDRANTS. HYDRANT ASSEMBLIES SHALL BE RODDED AND RESTRAINED WITH APPROVED M.J. GLAND RESTRAINTS. HIGH

. IF DURING CONSTRUCTION THE SEASONAL WATER LEVEL IS NOTED TO BE ABOVE THE DRAIN OUTLETS OF THE

8. APPROVED MODELS - AVK MODEL 2780, AFC MODEL B-84-B-5, MUELLER CENTURION A423, KENNEDY K81D OR

CONTINUOUS SECTION OF PIPE SHALL ALWAYS BE INSTALLED BETWEEN THE GATE VALVE AND HYDRANT.

WHERE HYDRANT LATERAL(S) IS APPROVED BY THE PARTICIPATING UTILITY TO BE LONGER IN LENGTH, MAKING THE CONTINUOUS SECTION OF PIPE ON EACH SIDE OF THE GATE VALVE UNFEASIBLE, RESTRAINED PIPE JOINTS SHALL BE INSTALLED BETWEEN THE TEE AND GATE VALVE IN LIEU OF RODDING. HOWEVER, A RODDED

(NO OBSTRUCTIONS)

(NON-CORROSIVE)

THREADED ROD AND NUTS

APPROVED M.J. GLAND RESTRAINT

(i.e. MEGALUGS, GRIP RINGS OR

UNI-FLANGE) SHALL BE USED AT

M.J. FITTINGS SHALL NOT

BE ENCASED IN CONCRETE

ALL M.J. FITTINGS

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

FIRE HYDRANT ASSEMBLY

· TRACER WIRE SEE GENERAL DETAIL

NOZZLE (FACING THE ROAD)

1 - 4 1/2" PUMPER

PROPOSED HYDRANT. THE PARTICIPATING UTILITY WILL BE NOTIFIED IMMEDIATELY SO THAT THE HYDRANT CAN BE

STRENGON PAVEMENT WHEN CURB IS NOT PRESENT. FIRE HYDRANT TO BE INSTALLED WITHIN RIGHT-OF-WAY OR

PRESSURE (OVER 150 PSI) ALSO REQUIRES CONCRETE THRUST BLOCKS AS SHOWN BELOW.

3. AREA AROUND HYDRANT AT A RADIUS OF 4' TO BE LEVEL AND UNOBSTRUCTED.

RELOCATED TO A SUITABLE LOCATION, OMITTED, OR THE DRAIN HOLE PLUGGED.

TWO WRAPS OF TRACER WIRE SHALL BE WRAPPED AROUND BASE OF HYDRANT

1. USE MODERATELY STIFF MIX OF NON SHRINK GROUT, SAND, AND 1/2" AND LESS DIAMETER GRAVEL WITH 28 DAYS, STRENGTH AFAINTED SILVER WITH AN OIL-BASED PAINT UNLESS OTHERWISE SPECIFIED BY THE JURISDICTIONAL FIRE

EASEMENT LINE.

NOZZLES ___

0.5 CY CLEAN

STONE VDOT #57

CONCRETE BASE AND THRUST

BLOCK (IF REQUIRED) AGAINST

UNDISTURBED SOIL, CONCRETE -

SHALL NOT COVER HYDRANT

AVK MODEL 2780,

EQUIVALENT.

AFC MODEL B-84-B-5,

MUELLER CENTURION

FINISHED GRADE -

A423, KENNEDY K81D OF

2. MIX IS TO BE FORCED INTO ALL GROOVES AND UNDER FLANGE OF FRAME AND LEFT AT OR ABOVE TOP OF FLANGE.

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

VAULT FRAME AND COVER

4. RESTRICT TRAFFIC LOAD FOR A MINIMUM OF 24 HOURS.

3/4" THREADED ROD

STAINLESS STEEL

4" MINIMUM

3. DO NOT BACKFILL AROUND FRAME AND COVER, FOR 48 HOURS AFTER CONCRETE IS PLACED. THE USE OF HIGH EARL

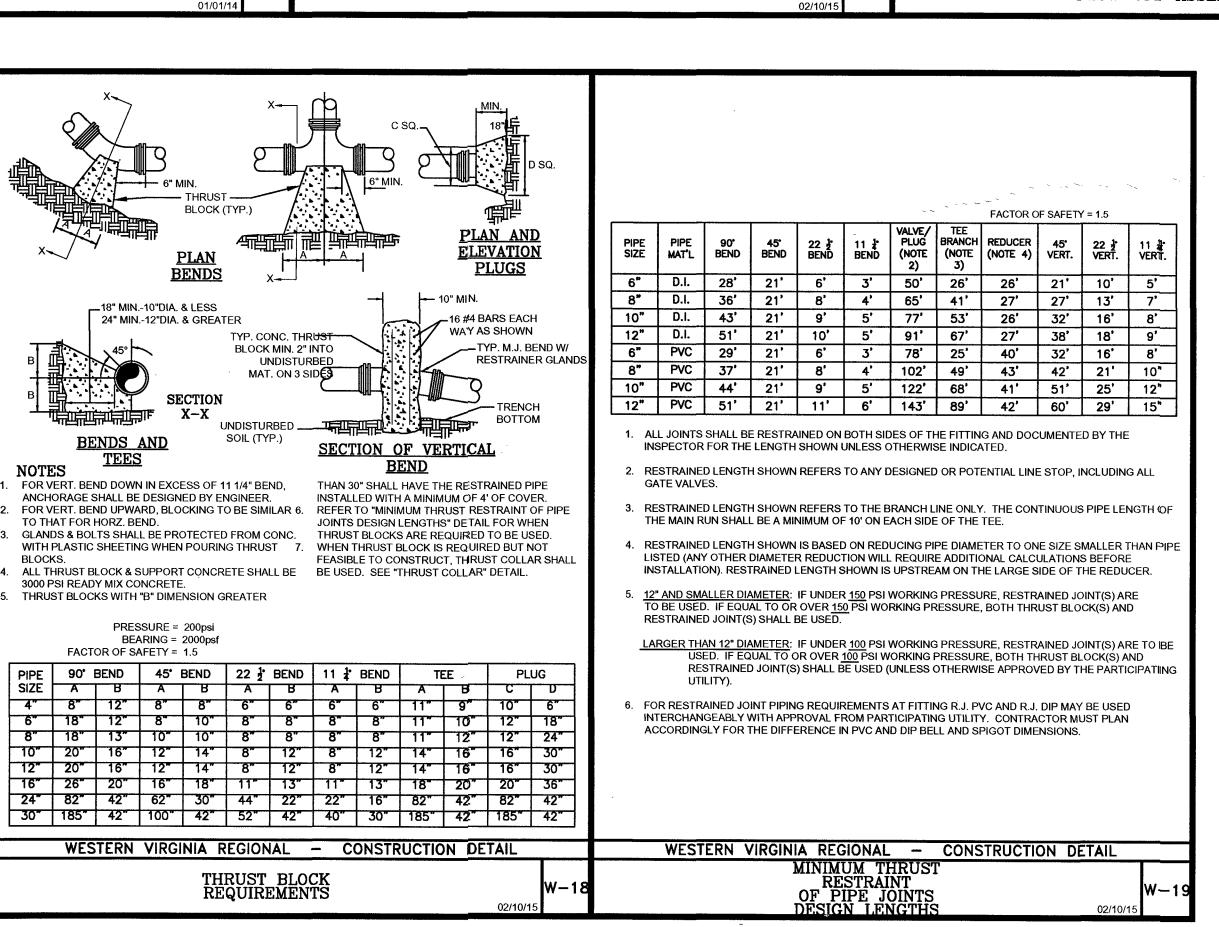
CAPITOL FOUNDRY MH-2001

- SEE NOTE 1

___ 12" MAX.

TRAFFIC BEARING NON-WATERTIGHT

RAME & COVER OR APPROVED EQUAL



REFLECTING TOMORROV

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New River Valley Staunton Harrisonburg

SIDENTIAL LAND DEVELOPMENT ENGINEERIN SITE DEVELOPMENT ENGINEERING LAND USE PLANNING & ZONING LANDSCAPE ARCHITECTURE LAND SURVEYING ARCHITECTURE STRUCTURAL ENGINEERING TRANSPORTATION ENGINEERING

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DE REGIONAL S E OXFIELD TERN

DRAWN BY DESIGNED BY CHECKED DATE AS NOTED SCALE

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