

. USE MODERATELY STIFF MIX OF NON SHRINK GROUT, SAND, AND 1/2" AND LESS DIAMETER GRAVEL WITH 28 DAYS,

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

23 3/4"

- 22 1/4" - -

24 1/2*

3/4" THREADED ROL

STAINLESS STEEL

BEDDING CRITERIA.

FINISHED GRADE

(4" MIN. - 6" IN

WIDTH OF TRENCH EXCAVATION PIPE DIA. + 6" EACH SIDE (MINIMUM

ROCK CONDITIONS)

CONDITIONS

- 33 1/4° ----

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

BEDDING, HAUNCHING AND INITIAL BACKFILL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THIS

2. ALL PVC PIPE SHALL BE BEDDED IN COMPACTED VDOT #57 OR #88 STONE, OR CRUSHER RUN.

5. ALL EXCAVATIONS SHALL COMPLY WITH OSHA TECHNICAL MANUAL, CHAPTER 2, TITLED

3. IN AREAS SUBJECTED TO VEHICULAR TRAFFIC, BEDDING STONE AND FILL SHALL BE PLACED IN 6"

LIFTS FROM BOTTOM OF TRENCH TO 1" ABOVE THE PIPE AND THE REMAINING SHALL BE PLACED IN

BEDDING REQUIREMENTS FOR DUCTILE IRON WATER LINE ARE DEPENDENT ON MANUFACTURER'S

"EXCAVATIONS: HAZARD RECOGNITION IN TRENCHING AND SHORING."

6. THE TRACER WIRE SHALL BE PLACED ALONG THE LOWER QUADRANT OF THE PIPE, THE WIRE SHALL

NOT TOUCH THE PIPE, BUT SHALL BE A MAXIMUM OF 6" FROM THE PIPE. NON-METALLIC SPACERS

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

BEDDING AND BACKFILL OUTSIDE OF PAVED AREAS

10" LIFTS AND SHALL BE COMPACTED TO AT LEAST 90% OF MAXIMUM DENSITY AS DETERMINED BY

VAULT FRAME AND COVER

DETAIL AND MANUFACTURER'S RECOMMENDATION.

MAY BE USED TO MAINTAIN A SET DISTANCE FROM THE UTILITY.

EARLY STRENGTH CEMENT WOULD REDUCE TIME TO (24 HRS.)
4. RESTRICT TRAFFIC LOAD FOR A MINIMUM OF 24 HOURS.

STRENGTH AT MINIMUM 3,000 P.S.I.
MIX IS TO BE FORCED INTO ALL GROOVES AND UNDER FLANGE OF FRAME AND LEFT AT OR ABOVE TOP OF FLANGE.

1" DIA, PICK HOLE

CAPITOL FOUNDRY MH-200

TRAFFIC BEARING NON-WATERTIGH

- SEE NOTE 1

NON-DETECTABLE WARNING

AT A MINIMUM OF 6" BELOW

BACKFILL ONLY WITH APPROVED

LOGALITY OR VDOT STANDARDS

OF PIPE AT A MINIMUM, OR PER

FOR SEWER LINES BEDDING

SHALL BE MIN, 6" ABOVE PIPE

LOCATION OF TRACER WIRE WITH NON-METALLIC PRESSURE PIPE.

SEE DETAIL G-4 FOR ADDITIONAL

TRACER WIRE NOT REQUIRED FOR YPICAL GRAVITY SANITARY SEWE

MATERIAL PER APPLICABLE

FOR WATERLINES INSTALL

GRADE (ALL PIPE)

PIPE SIZE & MATERIAL

AS SHOWN ON PLAN

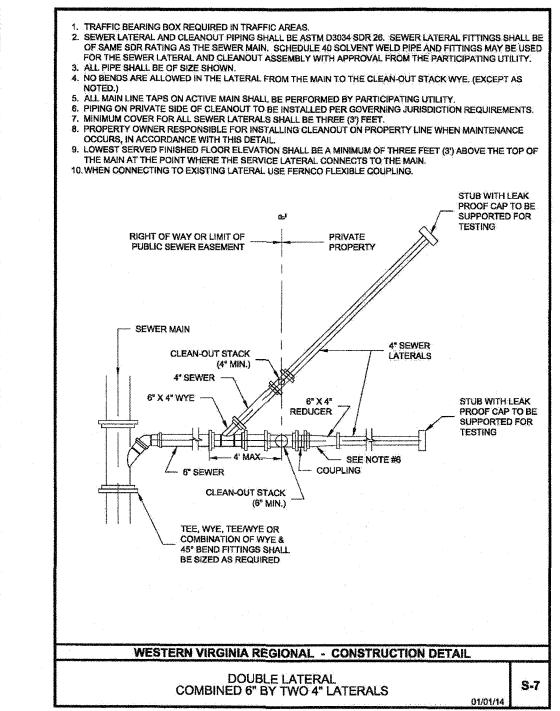
MANUFACTURER'S

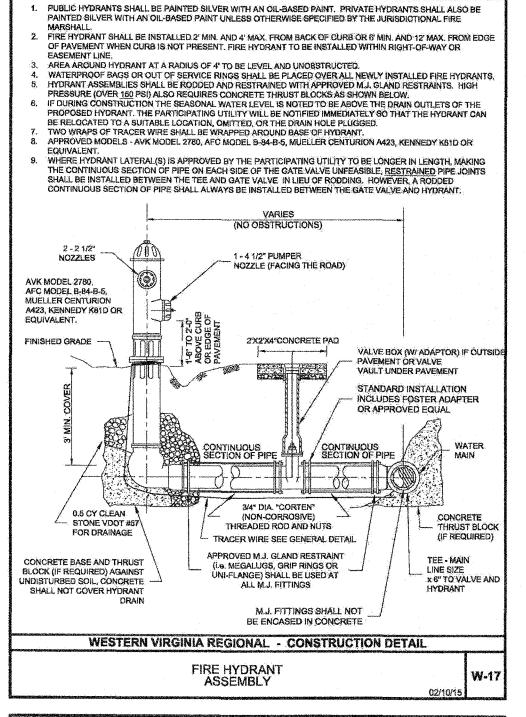
RECOMMENDATION

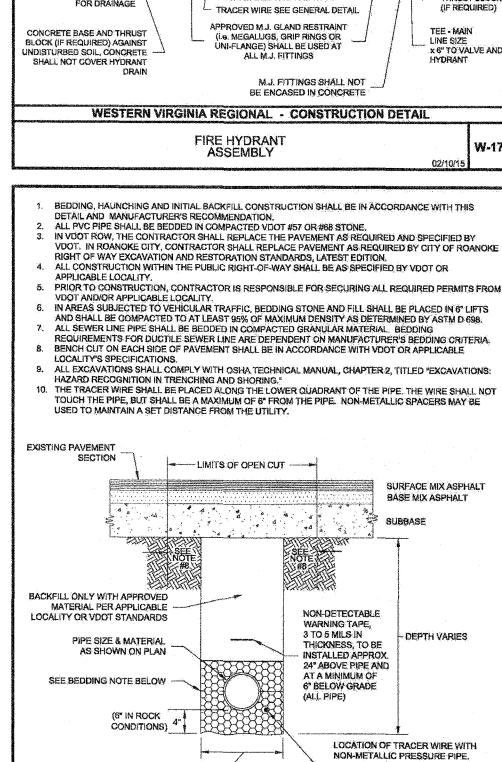
REQUIREMENTS

THICKNESS, TO BE INSTALLED

FRAME A COVER OR APPROVED EQUA







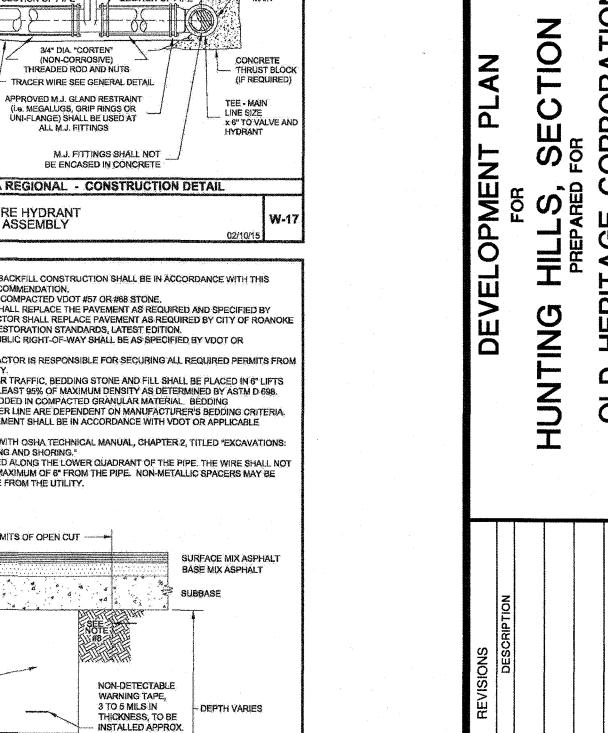
BEDDING: FOR WATERLINES, INSTALL BEDDING STONE TO SPRING LINE OF PIPE AT A MINIMUM, OR PER MANUFACTURER'S RECOMMENDATION. FOR SEWER LINES, BEDDING SHALL BE MINIMUM 8" ABOVE PIPE.

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

UNDER PAVEMENT AND IN RIGHT-OF-WAY

WIDTH OF TRENCH EXCAVATION -

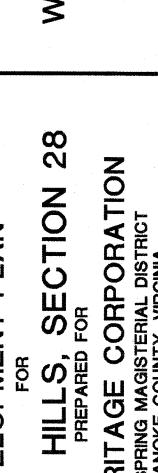
PIPE DIA. + 6" EACH SIDE / MINIMUM)



TRACER WIRE NOT REQUIRED FOR

SEE DETAIL G-4

TYPICAL GRAVITY SANITARY SEWER.



NO.

OLD

May 16, 201

REVISION

ON NOISSIMMC 2016-158 **SHEET 10 OF 10**