

WITH APPROVED FLANGE ADAPTER. MIN. PRESSURE CLASS 350 OR THICKNESS CLASS 50.

TAINLESS STEEL SCREEN

WAGER MODEL 1600FAA

EROSION PROTECTION AT

(NO COLOR COATING)

OR APPROVED EQUAL

- INSTALL APPROVED

DUCTILE IRON

MJ 90° BEND

EPOXY COATED STEEL

STAINLESS STEEL ANCHORS

4" BLOCKOUT FOR

DRAIN (TYP. OF 4)

PIPE SUPPORTS WITH

(TYP.) OF 2

FLX FL REDUCING TEE

FL X FL GATE VALVE

WITH HANDWHEEL

(SEE NOTE 5)

BYPASS

2" LOW FLOW

TYPE K COPPER

NPT GATE VALVE -

TURBO METER

NPT GATE VALVE

4" BLOCKOUT FOR

DRAIN (TYP. OF 4)

PRV NOTE 3

PRV (SEE NOTE 6)

DISCHARGE

VAULT TO BE INSTALLED ON MIN. 6" COMPACTED VDOT #57 STONE WITH FILTER FABRIC PLACED BETWEEN BOTTOM

OF VAULT AND STONE BEDDING. FILTER FABRIC TO EXTEND VERTICALLY A MINIMUM OF 6" ON ALL FOUR SIDES OF

8" MIN-

PRV (SEE NOTE 6)

6" MIN. - 3

by INLET

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

MAIN LINE - PRESSURE REDUCING VALVE ASSEMBLY

¹6″ MIN.

SMOOTH HOLE WITH

LINK SEAL (TYP.) OF 3

FL X FL GATE VALVE

MAIN LINE PRV (SEE NOTE 4)

WITH HANDWHEEL

TURBO METER

GUTTER-FRAME

(SENSUS OMNI T2)

OR APPROVED EQUAL

FL X FL GATE VALVE

WITH HANDWHEEL

72" x 48" DOUBLE DOOR

H20 RATED ACCESS HATCH

FLANGED DUCTILE

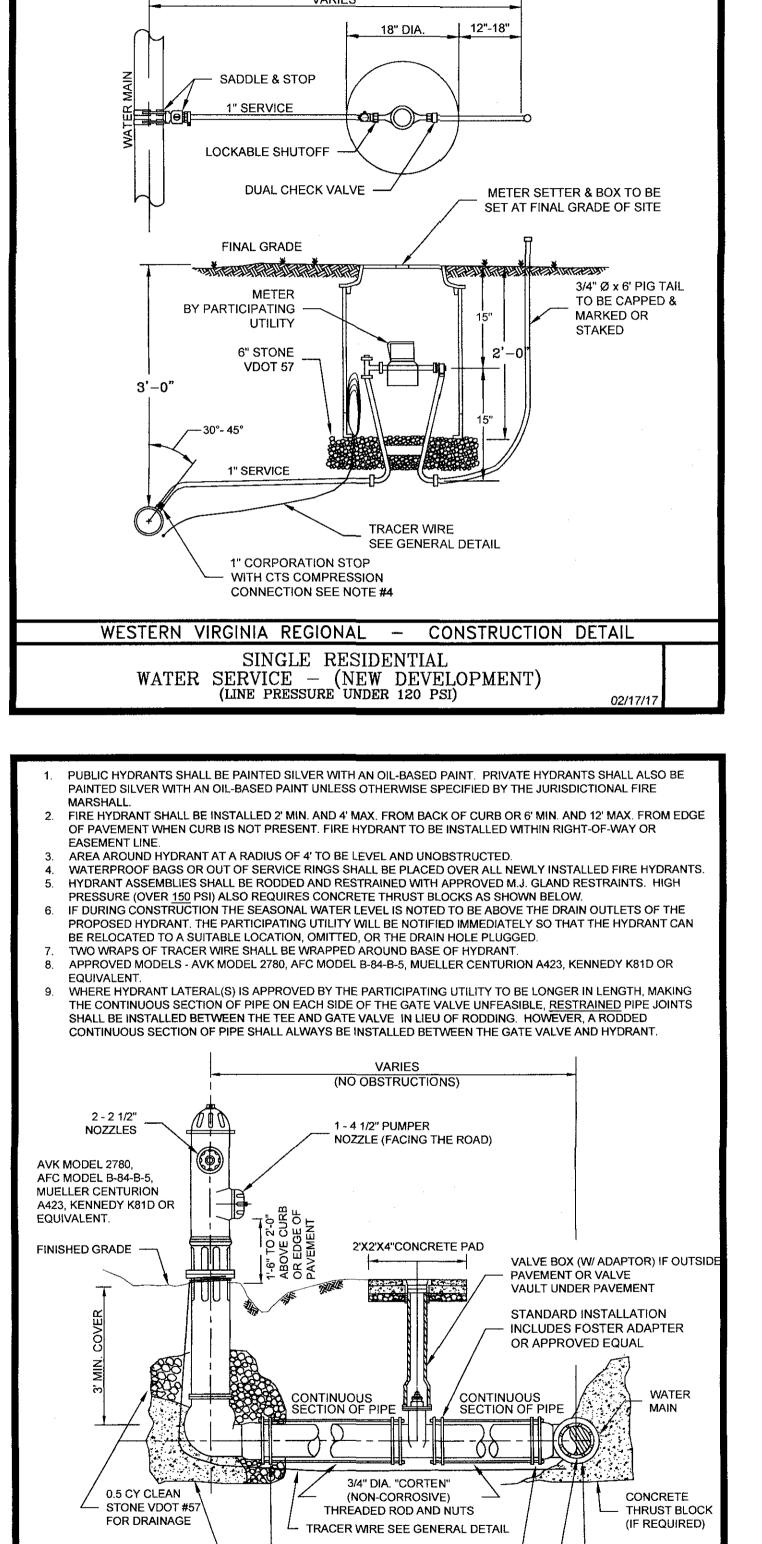
6'-0"

OUTLET P

IRON 90° BENDS

2'-0" MIN. ABOVE

GROUND



APPROVED M.J. GLAND RESTRAINT

(i.e. MEGALUGS, GRIP RINGS OR

UNI-FLANGE) SHALL BE USED AT

ALL M.J. FITTINGS

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

FIRE HYDRANT ASSEMBLY

M.J. FITTINGS SHALL NOT BE ENCASED IN CONCRETE

CONCRETE BASE AND THRUST

BLOCK (IF REQUIRED) AGAINST

UNDISTURBED SOIL, CONCRETE -

DRAIN

SHALL NOT COVER HYDRANT

TEE - MAIN

LINE SIZE

HYDRANT

x 6" TO VALVE AND

SETTER TO BE A.Y. McDONALD 720-215WDDD33, FORD VBHH72-15W-11-33 OR APPROVED EQUAL

DUCTILE IRON PIPE USE THE ABOVE OR POWERSEAL 3413, ROMAC 202 OR FORD METER F202.

3. METER BOX SHALL BE CARSON/MID-STATES PLASTICS, INC. PLASTIC BOX WITH FORD "A" DOMESTIC

BOX WITH FORD "A" DOMESTIC SERIES FRAME WITH A NICOR DOMESTIC 12.25 CX LID WITH SENSUS

REQUIRED, DESIGN ENGINEER SHALL CONSULT WITH PARTICIPATING UTILITY TO DETERMINE SITE

4. CORPORATION STOP SHALL BE FORD FB1000-4-G-NL, MUELLER B-25008 OR APPROVED EQUAL

WHENEVER SIDEWALK EXISTS OR IS PROPOSED, MODIFY METER LOCATION AS DIRECTED.

2. SADDLES MUST BE USED WITH ALL PLASTIC & DUCTILE IRON PIPE. SERVICE SADDLES SHALL BE USED IN

SHALL BE: POWERSEAL 3417, OR 3412AS, ROMAC 202S, OR 306, OR FORD METER FS202 OR FS303. FOR

SERIES FRAME WITH A NICOR DOMESTIC 12.25 CX LID WITH SENSUS RECESS, ADS CORRUGATED HDPE

RECESS, OR A. Y. McDONALD MODEL 74M32AT CAST IRON BASE & COVER OR APPROVED EQUAL. METER

BOX SHALL NOT BE PLACED IN AREAS SUBJECT TO VEHICULAR TRAFFIC. IF TRAFFIC BEARING BOX IS

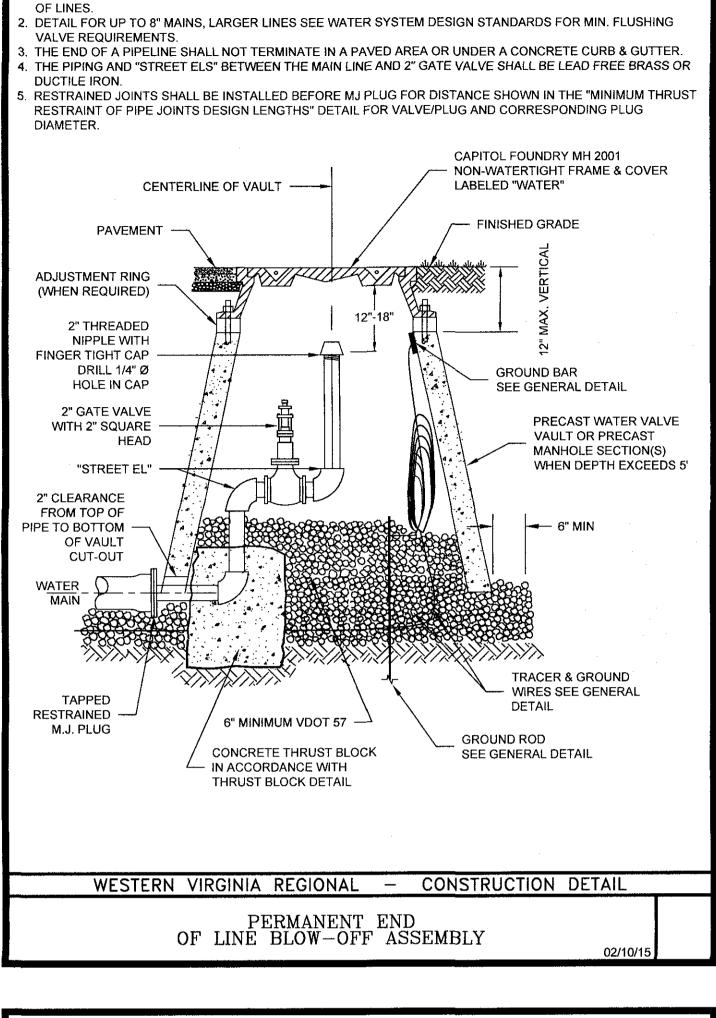
5. SERVICE SHALL BE "K" TYPE COPPER, OR COPPER TUBE SIZE POLYETHYLENE (PE) 4710, SODR-9 (200 psi).

RIGHT-OF-WAY

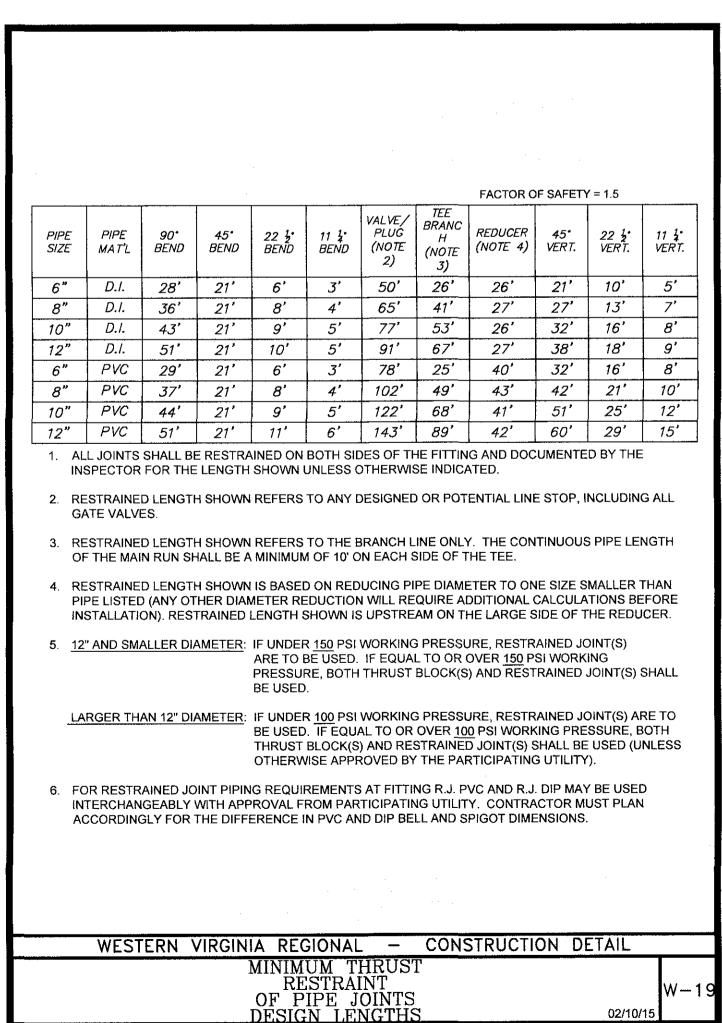
PROPERTY

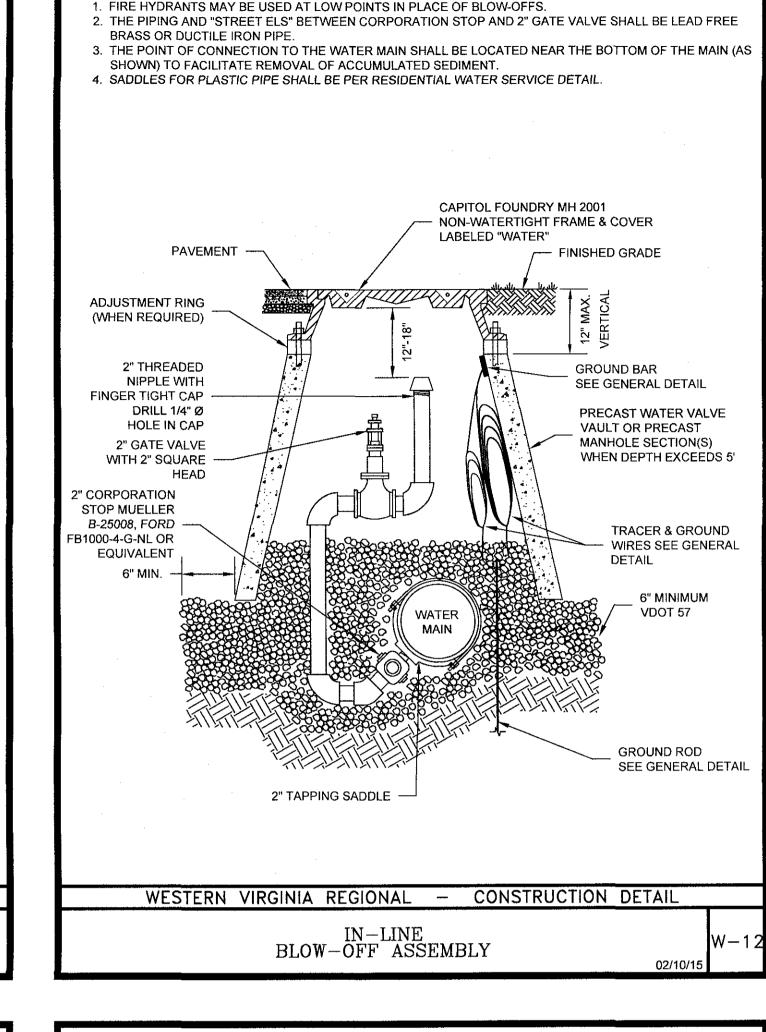
EASEMENT LINE

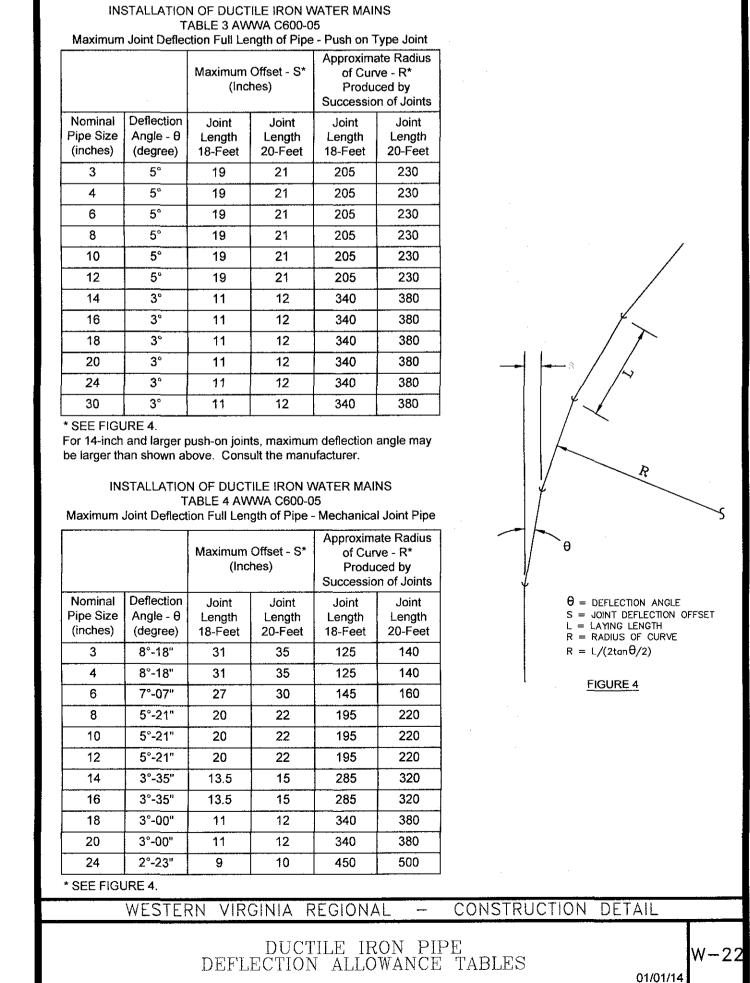
ACCORDANCE WITH WATER DISTRIBUTION PIPING SPECIFICATION. SERVICE SADDLES FOR PLASTIC PIPE

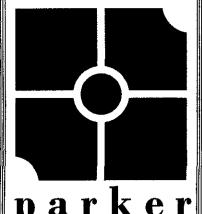


. WHEN APPROVED BY PARTICIPATING UTILITY, FIRE HYDRANT ASSEMBLIES MAY BE USED AS PERMANENT END









parker

DESIGN GROUP

2122 Carolina Ave, SW

Roanoke, VA 24014 Ph: 540-387-1153 Fax: 540-389-5767 1915-B W. Cary Street Richmond, VA 23220 Phone: 804-358-2947 Fax: 804-359-9645

Fax: 804-359-9645

www.parkerdg.com

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PMENT PLAN
Tax # 0510001500

KENNEDY SUBDIVISION DEVELOPM

REVISIONS:

2/10/2017 - 1ST SUB COMMENTS
3/21/2017 - 2ND SUB COMMENTS
4/14/2017 - 3RD SUB COMMENTS
6/23/2017 - FIELD REVISION #1
7/6/2017 - FIELD REVISION #2
8/4/2017 - FIELD REVISION #3
8/9/2017 - FIELD REVISION #4
8/25/2017 - FIELD REVISION #5

DRAWN BY: JMM/JLK
CHECKED BY: SRB

DATE: 6 JANUARY, 2017

SHEET TITLE: UTILITY DETAILS

SCALE: AS SHOWN SHEET NO.

C36