

SETTER TO BE A.Y. McDONAL D 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.

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

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

SADDLE & STOP

LOCKABLE SHUTOFF

FINAL GRADE

UTILITY

6" STONE

VDOT 5

1" CORPORATION STOP

WITH CTS COMPRESSION

CONNECTION SEE NOTE #4

SINGLE RESIDENTIAL

WATER SERVICE - (NEW DEVELOPMENT)
(LINE PRESSURE UNDER 120 PSI)

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

BY PARTICIPATING ·

DUAL CHECK VALVE ---

3. METER BOX SHALL BE CARSON/MID-STATES PLASTICS, INC. PLASTIC BOX WITH FORD A32-T

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

(ELECTRONIC READ LID), ADS CORRUGATED HDPE BOX WITH FORD A32-T (ELECTRONIC READ LID), OR A

BE PLACED IN AREAS SUBJECT TO VEHICULAR TRAFFIC. IF TRAFFIC BEARING BOX IS REQUIRED, DESIGN

ENGINEER SHALL CONSULT WITH PARTICIPATING UTILITY TO DETERMINE SITE SPECIFIC REQUIREMENTS.

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

RIGHT-OF-WAY

EASEMENT LINE

TRACER WIRE

SEE GENERAL DETAIL

PRIVATE

METER SETTER & BOX TO BE

SET AT FINAL GRADE OF SITE

TO BE CAPPED &

MARKED OR

STAKED

PROPERTY

Y McDONALD MODEL 74M32AT CAST IRON BASE & COVER OR APPROVED FOLIAL METER BOX SHALL NOT

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

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

ABOVE OR POWERSEAL 3413, ROMAC 202 OR FORD METER F20

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

202S, OR 306, OR FORD METER FS202 OR FS303, FOR DUCTILE IRON PIPE USE THE

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

A32-T (ELECTRONIC READ LID), ADS CORRUGATED HDPE BOX WITH FORD A32-T

WITH PARTICIPATING LITH ITY TO DETERMINE SITE SPECIFIC REQUIREMENTS

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

- SADDLE & STOP

(TYP.)

LOCKABLE SHUTOFF

DUAL CHECK VALVE

BY PARTICIPATING -

FINAL GRADE

METER

UTILITY

VDOT 57

1" CORPORATION STOP

WITH CTS COMPRESSION

CONNECTION SEE NOTE #5

DOUBLE RESIDENTIAL WATER SERVICE

(LINE PRESSURE UNDER120 PSI)

WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL

TRACER WIRE

SEE GENERAL DETAIL

(ELECTRONIC READ LID), OR A. Y. McDONALD MODEL 74M32AT CAST IRON BASE &

COVER OR APPROVED EQUAL. USE OF TRAFFIC BEARING BOX SHALL BE APPROVED BY

TRAFFIC. IF TRAFFIC BEARING BOX IS REQUIRED, DESIGN ENGINEER SHALL CONSULT

6. SERVICE SHALL BE "K" TYPE COPPER, OR CORRES TUBE SIZE POLYETHYLENE (PE) 4710,

THE AUTHORITY. METER BOX SHALL NOT BE PLACED IN AREAS SUBJECT TO VEHICULAR

5. CORPORATION STOP SHALL BE FORD FB1000-4-G-NL, MIGHTERF WAY 08 OR APPROVED RIVATE FOLIAL PROPERTY

SHALL BE USED IN ACCORDANCE WITH WATER DISTRIBUTION PIPING SPECIFICATION.

SERVICE SADDLES FOR PLASTIC PIPE SHALL BE POWERSEAL 3417, OR 3412AS, ROMAC

APPROVED EQUAL

SODR-9 (200 ps

W.V.W.A. SERVICE LATERAL INFORMATION

	DOWNSTREAM		INV. OF	MIN. SEWERABLE	APPROX WATER
LOT	MANHOLE	<u>DIST.</u>	S.S. MAIN	F.F. ELEVATION	PRESSUR
1	ex.	0'	1275.1	1278.1	109 psi
2	ex.	27'	1265.2 (APPROX.)	1268.2 (APPROX.)	109 psi

ALL PIPE SE

PROPERTY

CORNER

METER SETTER & BOX TO BE

SET AT FINAL GRADE OF SITE

TO BE CAPPED &

MARKED OR STAKED

REQUIREMENTS.

OCCURS, IN ACCORDANCE WITH THIS DETAIL.

RIGHT OF WAY OR LIMIT OF

PUBLIC SEWER EASEMENT

CLEAN-OUT STACK

4" SEWER -

(4" MIN.)

CLEAN-OUT STACK

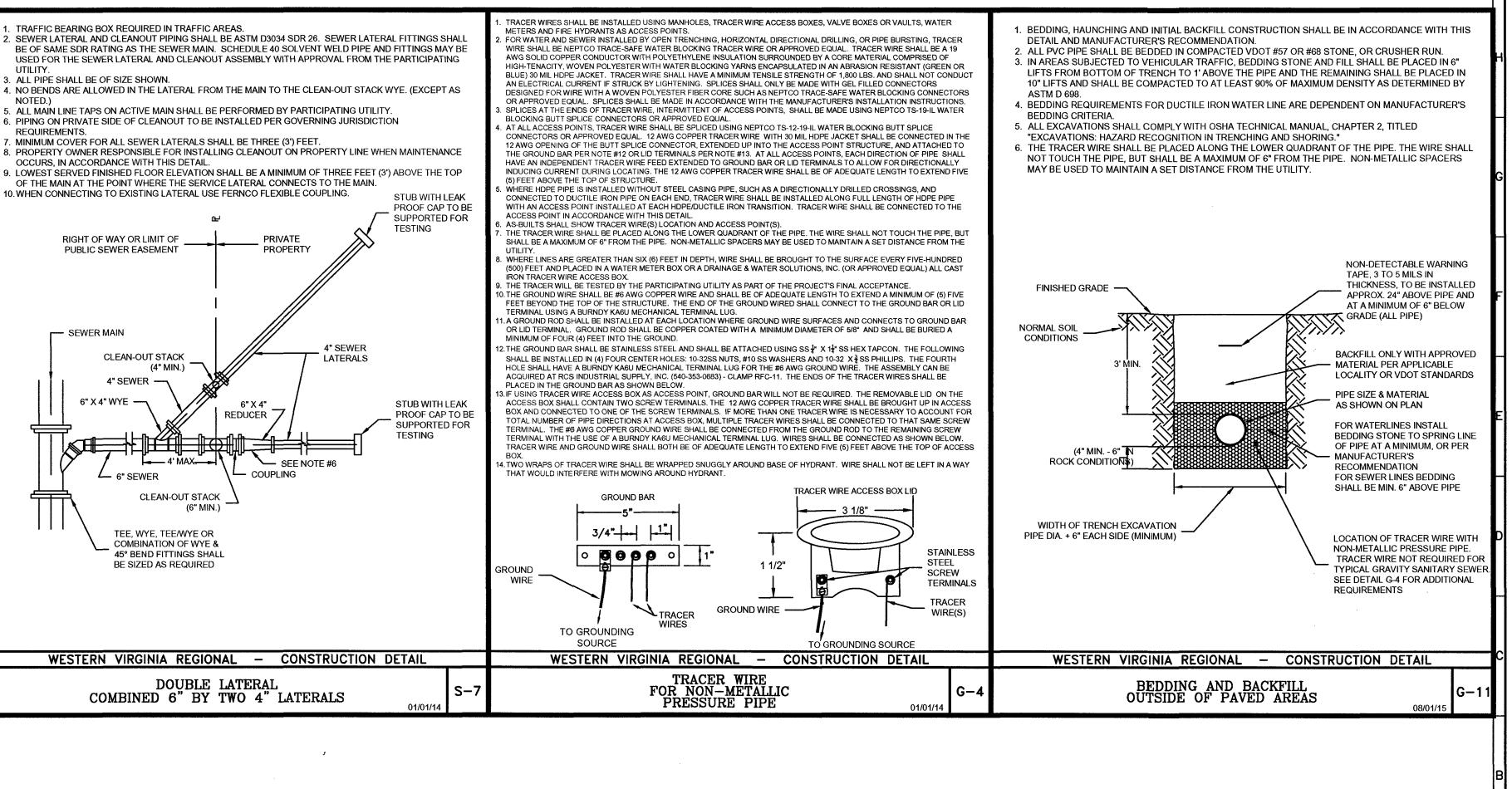
COMBINATION OF WYE &

BE SIZED AS REQUIRED

45° BEND FITTINGS SHALL

- SEWER MAIN

1. THE MIN. FLOOR ELEVATION IS BASED ON SEC. 200.02-2-G-1-h OF THE WESTERN VIRGINIA WATER AUTHORITY WATER & SEWER REGULATIONS. LOT OWNERS REQUESTING A LOWER SERVICE ELEVATION WILL REQUIRE THE USE OF A PRIVATE SEWAGE PUMP FACILITY, INSTALLED AND MAINTAINED BY THE HOMEOWNER.



www.balzer.cc

New River Valle Harrisonburg

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

WETLAND DELINEATIONS & STREAM EVALUATIONS

Balzer and Associates, Inc

ENVIRONMENTAL & SOIL SCIENCE

1208 Corporate Circle Roanoke, VA 24018 540-772-9580 FAX 540-772-8050



REVISIONS: 6/17/2016 7/28/2016 8/15/2016