DUCTILE IRON PIPE AND FITTINGS ONLY FROM WATER METER TO BACKFLOW DEVICE

FOR WATER METER INSTALLATION, SEE W-3A, W-3B, W-3C, W-3D, W-3E & W-3F

EXTERIOR ABOVE-GROUND PIPING PERMITTED ONLY IF BUILDING IS NOT AT PUBLIC RIGHT-OF-WAY

18" (MIN) - 24" (MAX) CLEARANCE

FLEXIBLE COUPLING (VICTAULIC OR SIMILAR)

NO FITTINGS UNDER BUILDING FOUNDATION

DUCTILE IRON FLANGE FITTING

PIPE SLEEVE THROUGH SLAB (4" PIPE & LARGER REQUIRES 2" MIN CLEARANCE ON ALL SIDES)

AMES STAINLESS STEEL IBR SERIES FITTING (FLANGE BY CIPS COUPLER), OR EQUIVALENT

NO OTHER CONNECTIONS PERMITTED ON THE SERVICE BETWEEN THE BACKFLOW DEVICE AND THE WATER METER

WRAPPED WITH 8-MIL POLYETHYLENE WRAP BETWEEN WATER METER AND BACKFLOW DEVICE, FOR METALLIC PIPE

32-LB (MIN) PREPACKAGED HIGH POTENTIAL MAGNESIUM ANODE, FOR METALLIC PIPE (SEE W-24A FOR INSTALLATION DETAILS)

FLANGE, MEGALUG, OR VICTAULIC FITTINGS

36" (MIN) CLEARANCE

FLOW

12" (MIN) CLEARANCE

TO DRAIN

Ductile Iron Flange Fitting

THRU BLOCK PER W-14A

PUMP (IF REQUIRED) AND PIPING PER PLUMBING CODE

SUPPORTS FOR BACKFLOW DEVICE (TO BE ATTACHED TO FOUNDATION)

ALL INTERIOR RESTRAINTS, SUPPORTS, SEISMIC PROTECTION, AND DRAINAGE FOR THE BACKFLOW DEVICE SHALL MEET THE CURRENT CALIFORNIA BUILDING AND PLUMBING CODES

36" (MIN) CLEARANCE

EXTerior WALL

36" (MIN)

Flexible Coupling (VICTAULIC Or SIMILAR)

36"

Thrust Block Per W-14A

Foundation

36"

Supports for Backflow Device (To Be Attached to Foundation)

Alternate Materials Must Be Approved by the City of Napa Water Division Prior to Use

Flangetye Gaskets By U.S. Pipe Shall Be Used for All Flanged Fittings.

All Joints Shall Be Restained. Buried Fittings - MEGALUG Restraints, or Equal. Exposed Fittings - Flanged, MEGALUG, or VICTAULIC Joints

City of Napa

Public Works Department

Title: Interior Reduced Pressure Backflow Device Installation for 3" to 8" Commercial Water Services

Drawn By: DCF
Date: 07/2017
Scale: NTS

Checked By: MJH
Approved By: MJH

Drawing No.: W-6D.1

Field Notes: