

SHEET 1 OF 1

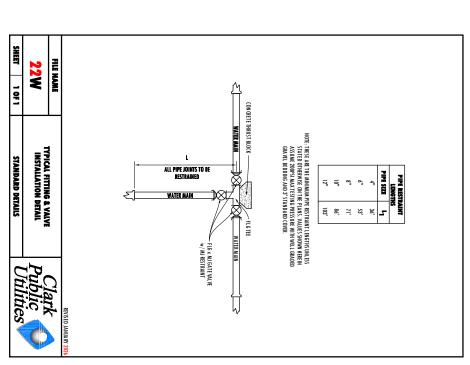
STANDARD DETAILS

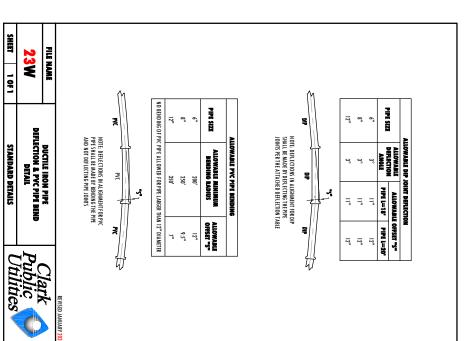
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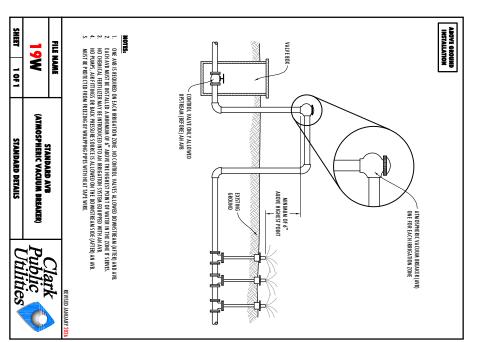
STANDARD RPBA
(REDUCED PRESSURE BACKFLOW ASSEMBLY)
2" & SMALLER

Clark Public Utilities

APPROVED REDUCED PRESSURE BLACKFLOW ASSEMBLY TO BE INSTALLED ABOVE GROUND DINLY WITH MINIMUM CLEMANICS.
DISCINGED FOR BLACK SPHONAGES AND BLACK PRESSURE.
TEST CHACKS TO ETHER FLACK OUTWARDS OF MEMBADES FROM ASSEMBLY.
TEST CHACKS TO ETHER FLACK OUTWARDS OF MEMBADES FROM ASSEMBLY.
DO NOT MEMBLACK STORES AND THOROUGHS IF FLOW HIRE FROOD TO INSTALL IN AN AREA SUBJECT OF IS COROUNG.
MINIST BE PRESCRIPT ASSEMBLY SUBJECT OF IS COROUNG.
THE BLACKFLOW ASSEMBLY SHALL BE A STALL FRAMOTHE ADDRESS.
MINIST BLACKFLOW ASSEMBLY SHALL BE A STALL FRAMOTHE ADDRESS.
MINIST BLACKFLOW ASSEMBLY SHALL BLACK STALL FRAMOTHE ADDRESS.
MINIST BLACKFLOW ASSEMBLY SHALL BLACKFLOW THERE FLOW, MASHINGFORN STATE CERTIFED BLACKFLOW ASSEMBLY TESTER. TEST RESULTS SHALL BE SENT TO CLAMK PUBLIC CUTLITIES WATER SERVICS.







11-1/4° BEND 22-1/2° BEND 45° BEND 90° BEND

4" DIA PIPE 6" DIA PIPE 8" DIA PIPE 10" DIA PIPE 12" DIA PIPE

- ALL PIPE JOINTS TO BE RESTRAINED MJ×MJBEND w/MJRESTRAINT

:: THESE ARE THE MINIMUM PIPE RESTRAINT LENGTHS UNLESS STATED OTHERWISE ON THE PLANS. Values shown herein assume 200ps! Maxtesting pressure with well graded gravel Bedding and 3' standard cover.

MIN 12" OF CLEARANCE AROUND BACKFLOW PREVENTER - ALL SIDES, TOP AND BOTTOM

SIDE VIEW

- GROUND FLOOR

ADEQUATE GRAVITY DRAINAGE SYSTEM REQUIRED W/APPROVED AIR GAP

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TEST COOKS (4 REQ'D)

ECION	ABLE DIP J		
OWABLE ALLOWABLE OFFSET "S"	ABLE DIP JOINT DEFLECTION		
AND SHOWN ON THE PLANS.	(COMPACT) FITTINGS CONFORMING TO AWWA STANDARD C153 MAY BE SUBSTITUTED IN LIEU DF AWWA C110 FITTINGS FOR Fitting sizes 3-inches through 24-inches in diameter. Fittings shall be mechanical joint or flanged as required	1. FITTINGS SHALL BEDUCTILE 1000 NAND SHALL CONFORM TO AWWA STANDARD (110 AND RATED AT 350 PS). DUCTILE IRON	





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	SHEET	1 OF 1	STANDARD DETAILS	Oundes •

GASKETS FOR FLANGED JOINTS SHALL BE 1/8" THICK, FULL FACED WITH AT LEAST (3) BULB TYPE RIBS MOLDED INTO BOTH FACES

BOLTS AND NUTS SHALL BE CARBON STEEL AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM A307 OR ASTM A193 GRADE BT WITH ASTM A194 GRADE 2H HEAVY HEX NUTS.

DUCTILE IRON SLEEVES SHALL BE OF THE LONG BODY DESIGN AND BOTH ENDS MECHANICALJOINT.

DUCTILE I RON FLANGED JOINT FITTINGS SHALL BE PRESSURE RATED FOR 250 PSI.

FITTINGS SHALL BE MORTAR LINED AND SEAL COATED.

STANDARD DETAILS	HORIZONTAL BEND WATER MAIN INSTALLATION DETAIL
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Ouniues •	STANDARD DETAILS	1 OF 1	SHEET
Public	FITTING & VALVE SPECIFICATIONS	0-FV	ဝ
Clark		FILE NAME	FILE
REVISED JANUAS			
	VALVE SHALL BE Z" SQUARE OPERATING NUT.	VALVE SHALL BE 2" S	12. \
BUTION MAINS.	A MAXIMUM DISTANCE OF 1,000 FEET BETWEEN VALVES ON ALL TRANSMISSION AND DISTRIBUTION MAINS	MAXIMUM DISTANC	Ξ.
RY CROSSING, UNLESS OTHERWISE	THREE VALVES SHALL BE PLACED AT EVERYTEE AND FOUR VALVES SHALL BE FLACED AT EVERY CROSSING, UNLESS OTHERWISE Directed by the CYU INSPECTOR.	THREE VALVES SHALL BE PLACED DIRECTED BY THE CPU INSPECTOR	
O VALVES CON FORMING TO THE ND TIGHT CLOSING. VALVE BODIES ND EXTERIOR SURFACES SHALL BE ABLE WATER SERVICE AND NSF 61	BUTTERFLY WALVES (OF AND LARGER) - BUTTERFLY WALVES SHALL BE SHOOT BODY CLASS ZOUVALVES COMFORMING TO THE REQUEREMENTS OF AWAN STANDARD COSA, BUTTERRY YALVES SHALL BE RUBBER STATED AND TIGHT CLOSING. VALVE BUTE SHALL BE BURSH TRENDET CAST BON OR HIGH STRENDET DUCTILE BON. VALVE INTERIOR AND ETEROPE SUBFACES SHALL BE COATED WITH FOOLY IN ACCORDANCE WITH AWAN AS OF AND SHALL BESUITABLE FOR POTABLE WATER SERVICE AND HIS OF CERTIFIED.	BUTTERFLY VALVES (1 REQUIREMENTS OF AV SHALL BE HIGH STREP COATED WITH EPOXY CERTIFIED.	.9
TYPE, WITH AN IRON BODY, ARD C09 OR C5 15. THE WEDGE O PSI FOR AWWA SERVICE. THE INGS SHALL CONFORM TO AWWA	GATE VALVES (4" TO 8"). GATE VALVES FOR BURIED SERVICE SHALL BETHE BESULBHT SEAT TYPE, WITH AN ROW BODY, HOWA SHIMS STUB, BOUTED BOUNELLEFT OPENING AND SHALL CONFORM TO AWAY STANDARD COPO OR GTS. THE WEIGHT SHALL BE FOTDALLY BICKSTULATED WITH BURBER. ALL GATE WALVES SHALL BE BATED AT 250 PS FOR AWAY ASERVICE. THE WITERDOR AND EXTENDED SHALL BE FYSION-BOTH BEFETOW AND DATL COLMINES AMODERLINKESS SHALL CONFORM TO AWAY STANDARD CSSO AND SHALL BE SUITABLE FOR POTABLE WATER SERVICE AND MST CERTIFIED.	ATE VALVES (4" TO I ION ATSING STEM, BO HALL BE TOTALLY EI NTERIOR AND EXTERI	, , , , , , , , , , , , , , , , , , ,

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