



PRV STATION MANHOLE ACCESS COVER AT 396 E POINTES DRIVE EAST. SITE IS TYPICAL OF BOTH PRV LOCATIONS

EXISTING PRV SITE (TYP.)



CUT EXISTING 4" WATER MAIN 6" IN FROM INTERIOR MANHOLE WALL, TYP. BOTH SIDES. REMOVE AND DISPOSE OF ALL EXISTING INTERIOR PIPING, FITTINGS, AND VALVES. COORDINATE WITH DISTRICT FOR WATER MAIN SHUTDOWN.

EXISTING PRV STATION (TYP.)

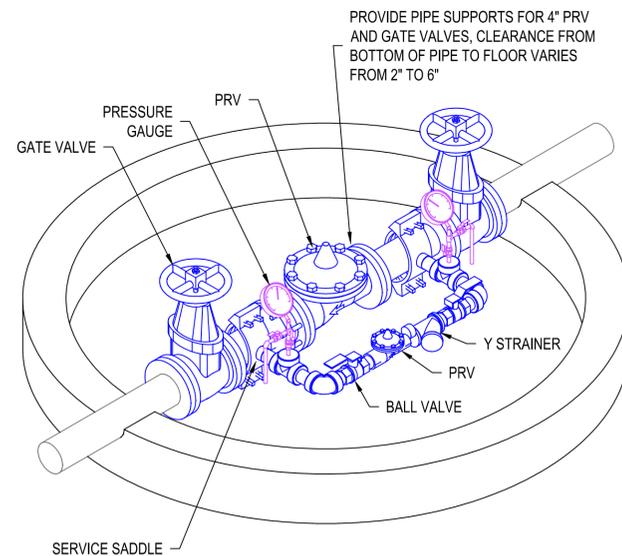
CONTACT INFORMATION				
CONTACT	COMPANY	POSITION	PHONE	ADDRESS
MONT JEFFREYS	HARTSTENE POINTE WATER-SEWER DISTRICT	GENERAL MANAGER	360-427-2413	DISTRICT OFFICE 772 E. CHESAPEAKE DRIVE SHELTON, WA 98584 (WWTP SITE)
DAVID BAISCH	RH2 ENGINEERING	PROJECT ENGINEER	425-951-5426	22722 29TH DRIVE SE, SUITE 210 BOTHELL, WA 98021
EDWIN HALIM	RH2 ENGINEERING	PROJECT MANAGER	425-951-5332	

GENERAL CONSTRUCTION NOTES:

- THIS PLAN IS TYPICAL OF 2 PRV STATIONS TO BE REPLACED. THE PRV STATIONS ARE LOCATED INSIDE OF THE HARTSTENE POINTE GATED COMMUNITY ON THE SIDE OF THE ROAD. APPROXIMATE ADDRESSES ARE 588 E POINTES DRIVE WEST AND 396 E POINTES DRIVE EAST, SHELTON WA 98584.
- CONTRACTOR SHALL COORDINATE WITH DISTRICT FOR PRV LOCATIONS, CONSTRUCTION SCHEDULING, ACCESS, AND STAGING, EQUIPMENT STORAGE, AND ALL TEMPORARY SHUTDOWNS OF THE WATER MAIN.
- CONSTRUCTION OF IMPROVEMENTS SHALL CONFORM TO THE CURRENT EDITION OF THE WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION, AND THE APWA AND AWWA SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL CLEANUP ALL AREAS AFFECTED BY CONSTRUCTION ACTIVITIES ON A DAILY BASIS TO THE SATISFACTION OF THE DISTRICT. THIS INCLUDES REMOVAL OF ALL DUST, MUD, ROCKS, ASPHALT DEBRIS, AND REFUSE FROM STREETS, SIDEWALKS, DRIVEWAYS, AND ANY OTHER AREAS AFFECTED BY THE CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EXISTING OR BETTER CONDITION AND SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING INFRASTRUCTURE UNLESS NOTED IN THE PLANS OR SPECIFICATIONS TO BE REMOVED.
- THE CONTRACTOR SHALL IMPLEMENT ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AS REQUIRED TO PREVENT SEDIMENT LADEN WATER FROM DISCHARGING OFF SITE OR TO OPEN WATER OR COLLECTION SYSTEMS.

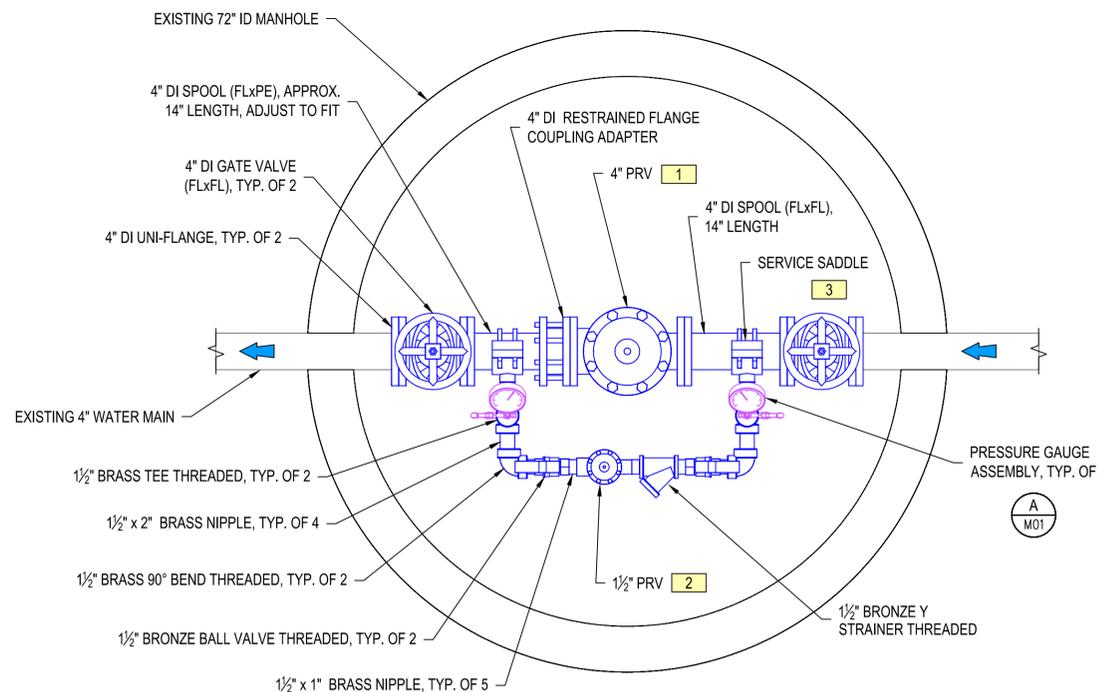
NOTES / DETAILS

- 4" CLA-VAL 90G-01BCSVYKC PRESSURE REDUCING VALVE. DUCTILE IRON BODY, BRONZE TRIM, EPOXY LINED AND COATED, 150# FLANGED. W/X101 POSITION INDICATOR AND TEST COCKS, 15/75 PSI RANGE.
- 1 1/2" CLA-VAL 90G-01ASVKC PRESSURE REDUCING VALVE. DUCTILE IRON BODY, BRONZE TRIM, EPOXY LINED AND COATED, THREADED. W/X101 POSITION INDICATOR AND TEST COCKS, 15/75 PSI RANGE.
- 4" EPOXY COATED DI SERVICE SADDLE W/ DOUBLE STAINLESS STEEL STRAPS, 1 1/2" IP TAP, TYP. OF 2
- PRESSURE GAUGE SHALL BE ANALOG, STEM MOUNT TYPE WITH 4 1/2" SCALE FACE, GLYCERINE FILLED AND COMPLETELY SUITABLE FOR MEASURING POTABLE WATER. CONNECTION SHALL BE 1/4" THREADED. WETTED PARTS SHALL BE BRASS, BRONZE, OR STAINLESS STEEL. FULL SCALE PRESSURE RANGE SHALL BE 0 TO 100 PSI. GAUGE ACCURACY SHALL BE +/- 0.5% OF FULL SCALE.



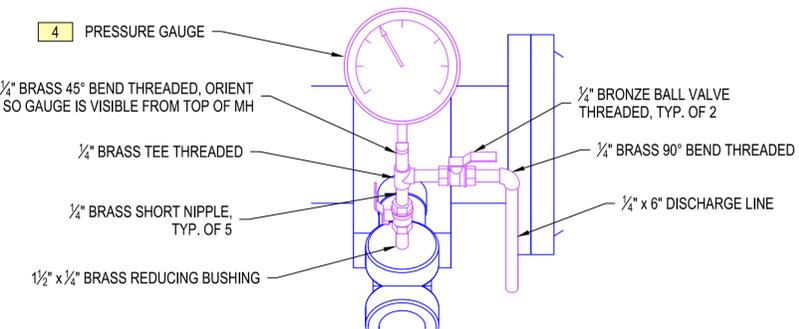
PROPOSED PRV OBLIQUE

NTS



PROPOSED PRV PLAN

1" = 1'-0"



PRESSURE GAUGE ASSEMBLY

NTS

NOTE: THIS PLAN IS TYPICAL OF 2 PRV STATIONS TO BE REPLACED

STICKED: 06/29/16

RH2 ENGINEERS, PLANNERS, SCIENTISTS

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HARTSTENE POINTE WATER-SEWER DISTRICT PRV REPLACEMENT

EXISTING AND PROPOSED PRV PLAN

ENGINEER: DEB	DATE: Jun 29, 2016	CLIENT: HP	JOB NO.: 115-047	REVIEW
REVIEWED: EH	DATE: Jun 29, 2016	FILENAME: HPRV-QA-M01.DWG		BY
REVISIONS				NO.
DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
DWG NO.: M01	SHEET NO.: 1	SCALE: SHOWN		
DRAWING IS FULL SCALE WHEN BAR MEASURES 2"				