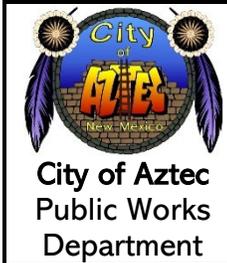


- NOTES:**
1. PRECAST MANHOLE SHALL BE DESIGNED FOR HS-20 LOADING.
 2. VALVES SHALL BE CAL-VAL ONLY-NO SUBSTITUTIONS WILL BE ALLOWED.
 3. THE GATE VALVE SERVING THE PRESSURE RELIEF VALVE SHALL BOTH MATCH IN SIZE.
 4. IF THE PROPOSED PRV IS SMALLER THAN THE LINE SIZE, THEN REDUCERS ARE REQUIRED IMMEDIATELY BEFORE AND AFTER THE PRV INSIDE THE VAULT.
 5. ARV SHALL BE INSTALLED ON THE DECLINE SIDE OF THE PRV.
 6. CITY SHALL PROVIDE PRV SPEC INFORMATION AND SIZE.

PRV MATRIX					
PRV (FIRE)	PRV (DOMESTIC)	DOMESTIC MAIN SIZE	VAULT SIZE	PRESSURE RELIEF SIZE	BLOW OFF AND VENT PIPE SIZE
6"	1" to 4"	4"	10'X10'X6.5'	4"	4"
8"	1" to 4"	4"	10'X10'X6.5'	4"	4"
10"	1" to 6"	6"	10'X10'X6.5'	6"	6"



PRESSURE REDUCER VALVE ASSEMBLY PRE-CAST VAULT

CONSTRUCTION STANDARDS

STANDARD NO. W-4

SHEET 1 OF 2

APP'D R. Salcido
DATE Oct. 11, 2023