



**NOTES:**

1. UNLESS OTHERWISE SHOWN ALL MATERIALS PER CEDAR CITY ENGINEERING STANDARDS.
2. CONCRETE VAULT LENGTH & WIDTH SHALL BE SUFFICIENT TO CONTAIN ALL FITTINGS AND MAINTAIN INDICATED CLEARANCE FROM WALLS.
3. WATER METER LIDS & COVERS SHALL ONLY BE INSTALLED IN LANDSCAPED AREAS UNLESS APPROVED BY WATER SUPERINTENDENT.
4. REQUIRED ON PRIVATE WATER SYSTEMS WITH FIRE HYDRANTS.
5. VAULTS ARE DESIGNED TO MEET ASTM C858 WITH AASHTO HS-20 LOADING.

**LEGEND**

NO.	ITEM	DESCRIPTION	NO.	ITEM	DESCRIPTION
(A)	MANHOLE RING AND COVER (RIBLESS)	D&L A-1180 O.A.E.	(P)	6" DOUBLE CHECK DETECTOR VALVE (DCDA)	WATTS SERIES 709 DCA w/ METERED BYPASS
(B)	4' x 8" THICK CONCRETE COLLAR	W/ 40" x #4 BARS & FIBERS	(Q)	FLOW METER (PURCHASED FROM CITY)	
(C)	NOT USED		(R)	6" PRESSURE REDUCING VALVE (IF REQ'D)	
(D)	NOT USED		(S)	6" MIN. D.I. PIPE (TO OUTSIDE OF VAULT)	CEMENT LINED
(E)	GRADE RING(S)	MUST BE SEALED	(T)	CITY WATER MAIN	
(F)	MANHOLE STEP	(M.A. INDUSTRIES INC. O.A.E.)	(U)	GATE VALVE WITH BOX	SEE W1
(G)	CONCRETE VAULT TOP	AMCOR UV6127T O.A.E.	(V)	6" FLANGED SPOOL 12" LONG	CEMENT LINED
(H)	9" x 18" FOOTING W/ 3-#4 BARS		(W)	18" DIA. HDPE PIPE	PER PIPE SPEC.
(I)	4" THICK DRAIN GRAVEL		(X)	RING & LID w/ 2" PUNCHOUT	D&L-2241 O.A.E.
(J)	(2) LEVELING JACKS (LENGTH VARIES)	SLIDEWINDER PART #23535 BY BARKER MANUF. CO.	(Y)	30"x30"x8" THICK CONCRETE COLLAR	
(K)	6" MIN. FLANGE ADAPTOR	CEMENT LINED	(Z)	12" x 12" x 2" CONCRETE BLOCK	
(L)	x" x 6" FLANGED REDUCER (IF REQ'D)	CEMENT LINED			
(M)	6" FLANGED STEEL SPOOL WITH 2" OUTLET	EPOXY COATED AND LINED			
(N)	2" GATE VALVE WITH 4" NIPPLE				
(O)	6" GATE VALVE WITH HANDWHEEL	NON-RISING STEM			

SHEET NO.  
**W7**  
FILE: W07

**WATER METER WITH FIRE FLOW  
(COMBINED CULINARY & PRIVATE FIRE  
HYDRANT FLOWS)**

**CEDAR CITY**  
10 NORTH MAIN STREET  
CEDAR CITY, UTAH 84720  
PH. (435) 586-2963

SCALE: N.T.S.	DATE: 8/2019
DRAWN: T.B.M.	CHECKED: K.C.W.