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NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION: DOUGLAS COUNTY
			CHECK VALVE	DATE: JULY 2017
				DWG: B16

NOTES:

1. CENTER CHECK VALVE IN VAULT.
2. MATCH ADJACENT PAVEMENT THICKNESS, NOT TO EXCEED 4".
3. MANHOLE FRAME AND COVER TO BE SOUTH BAY FOUNDRY SBF 1900 CLOSED PICK HOLE OR EQUAL AND COVER TO BE MARKED "WATER".
4. COMPACT NATIVE SUBGRADE IN CONFORMANCE WITH SECTION 302 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, PRIOR TO PLACING DRAINROCK.
5. CHECK VALVES 12 INCHES OR LARGER REQUIRE SPECIAL DESIGN AND APPROVAL OF THE WATER UTILITY.
6. CONCRETE SHALL CONFORM TO SECTION 202 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
7. MUELLER FLG x FLG SWING CHECK VALVE OR APPROVED EQUAL.
8. 3 INCH GALVANIZED STEEL PIPE WITH THREADED FLANGES.
9. 24 INCH x 48 INCH ECCENTRIC PRECAST CONE (FOR CHECK VALVES 4 INCHES AND LESS). FOR VALVES GREATER THAN 4" DESIGN ENGINEER TO SPECIFY.
10. GATE VALVE, RISER PIPE, AND G-5 OR G-4 CHRISTY BOX AS APPROVED BY WATER UTILITY.
11. STEPS ARE REQUIRED WHERE MANHOLE DEPTH IS 54 INCHES (4'-6") OR GREATER, STEPS SHALL BE ALIGNED VERTICALLY (1 INCH MAXIMUM TOLERANCE) AND HORIZONTALLY (0.5 INCH TOLERANCE) SO AS TO FORM A CONTINUOUS LADDER, AND SHALL CONFORM WITH THE DESIGN REQUIREMENTS OF THE STATE OF NEVADA, OSHA STANDARDS, SECTION 1910.27 (DEPTH IS RIM ELEVATION TO TOP OF PIPE). STEPS SHALL BE STEEL REINFORCED POLYPROPYLENE.
12. CHECK VALVES 4 INCHES AND GREATER SHALL BE INSTALLED IN A VAULT WITH H20 TRAFFIC RATED LID AND LADDER.

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