

- 1 5. MAINTAIN A MINIMUM SEPARATION OF 6 FEET HORIZONTAL AND 2 FEET VERTICAL BETWEEN GAS LINES AND WATER LINES, 5 FEET HORIZONTAL AND 2 FEET VERTICAL BETWEEN FRANCHISE ELECTRICITY LINES AND WATER LINES, AND 5 FEET HORIZONTAL AND 18 INCHES VERTICAL BETWEEN ALL OTHER UNDERGROUND UTILITY LINES AND WATER LINES. IF WATER LINE IS BELOW ELECTRICAL CONDUIT OR IS LESS THAN THE MINIMUM VERTICAL CLEARANCE, ELECTRICAL CONDUIT SHALL BE ENCASED WITH 6 INCHES MINIMUM OF CONCRETE EXTENDING 5 FEET EACH SIDE OF CROSSING (SEE NV ENERGY SPECIFICATIONS). CONCRETE ENCASEMENT OF WATER LINES IS NOT ALLOWED.
- 1 6. PIPELINE DEPTHS MUST BE INSTALLED PER PLAN TO AVOID ADDITIONAL HIGHPOINTS IN THE WATERLINE AND TO SUPPORT AIR RELEASE VALVE LOCATIONS SHOWN IN THE PLANS.
- 1 7. WATER VALVE MARKERS MUST BE BLUE CARSONITE UTILITY MARKER (CRM306608), 66 INCHES WITH WATER VALVE DECAL (22679CWV) OR APPROVED EQUAL. PLACE MARKER NO MORE THAN 5 FEET FROM THE VALVE OR AS DIRECTED BY THE CITY INSPECTOR.
- 8. REDUCED PRESSURE PRINCIPLE AND DOUBLE CHECK VALVE BACKFLOW ASSEMBLIES MUST BE APPROVED BY THE CITY INSPECTOR, AND TESTED BY A CERTIFIED BACKFLOW ASSEMBLY TESTER. TEST RESULTS MUST BE APPROVED BY THE CITY WATER UTILITY MANAGER OR THEIR DESIGNEE. FOR NEW WATER METER SETS, THE REQUIRED BACKFLOW PREVENTION ASSEMBLY MUST BE INSTALLED, INSPECTED, APPROVED AND CERTIFIED TEST RESULTS PROVIDED TO THE CARSON CITY INSPECTOR WITHIN 5 DAYS OF METER SET, UNLESS THE CITY ENGINEER OR THEIR DESIGNEE APPROVES OTHERWISE. THE SERVICE WILL BE LOCKED OFF IF INSPECTIONS AND CERTIFICATIONS ARE NOT COMPLETED AS SPECIFIED ABOVE. A \$25 FEE WILL BE ASSESSED AT TIME OF TURN-ON WHEN LOCK IS REMOVED DURING NORMAL WORKING HOURS. THE FEE WILL BE ASSESSED ON THE BUILDING PERMIT FOR THE INSTALLATION OF THE BACKFLOW DEVICE.
- 9. ALL WATER MAIN, WATER/FIRE SERVICE, AND BACKFLOW PREVENTION INSPECTIONS AND TESTING MUST BE APPROVED PRIOR TO APPROVAL OF ANY CERTIFICATE OF OCCUPANCY.
- 10. A WATER MAIN MUST NOT BE PLACED INTO SERVICE AFTER ITS INITIAL CONSTRUCTION UNTIL THE WATER MAIN HAS BEEN DISINFECTED AND TESTED IN ACCORDANCE WITH AWWA STANDARD C651, AS ADOPTED BY REFERENCE IN NAC 445A.6663. CITY STAFF WILL BE RESPONSIBLE FOR PERFORMING AND FUNDING UP TO (2) TWO BACTERIOLOGICAL TESTS PER RUN OF PIPE CONSTRUCTED. IF MORE THAN TWO TESTS ARE REQUIRED THE COST WILL BE PLACED ON THE CONTRACTOR. TWO (2) SETS OF CONSECUTIVE BACTERIOLOGICAL TESTS MUST BE CONDUCTED AT LEAST 24 HOURS APART, FROM EVERY 1200 FEET OF MAIN, AT THE END OF THE LINE, AND FROM EACH BRANCH. BACTERIOLOGICAL TEST SAMPLES WILL NOT BE COLLECTED ON FRIDAYS, WEEKENDS, CARSON CITY OBSERVED HOLIDAYS OR THE DAY BEFORE A CARSON CITY OBSERVED HOLIDAY, UNLESS AUTHORIZED BY THE CITY WATER UTILITY MANAGER OR THEIR DESIGNEE. THE RESULTS OF THE WATER MAIN ANALYSIS INDICATING THAT THE WATER MEETS PRIMARY DRINKING WATER STANDARDS FOR COLIFORM BACTERIA (ABSENT OF COLIFORM BACTERIA) MUST BE OBTAINED AND REPORTED TO THE NDEP BUREAU OF SAFE DRINKING WATER BY CITY STAFF PER AWWA STANDARD C651.
- 11. DISINFECTION TABLETS MUST BE PLACED USING LOCTITE H3101 METHACRYLATE ADHESIVE OR APPROVED FOOD GRADE NSF CERTIFIED EQUAL. PROVIDE 30 MINUTE ADHESIVE CURING TIME PRIOR TO EXPOSURE TO WATER. THE DISPOSAL OF ANY SPENT CHLORINE SOLUTIONS MUST BE COORDINATED WITH THE NDEP BUREAU OF WATER POLLUTION CONTROL.
- 12. ALL ASBESTOS CEMENT (AC) PIPE CUTS SHALL BE MADE USING A CHAIN STYLE SNAPPING TOOL. NO SAWCUTTING OF AC PIPE WILL BE ALLOWED. COORDINATE WITH THE CITY INSPECTOR PRIOR TO SNAPPING OR CONNECTING TO EXISTING ASBESTOS CEMENT PIPE TO ALLOW THE CITY TO OBTAIN A WATER SAMPLE DOWNSTREAM FROM WORK LOCATION AFTER CONSTRUCTION HAS BEEN COMPLETED AND THE SYSTEM IS FLUSHED BUT PRIOR TO RECOMMISSIONING THE WATER MAIN. THE CITY WILL HAVE THE SAMPLE ANALYZED FOR THE PRESENCE OF ASBESTOS.
- 1 13. DISCONTINUANCE OF USE OF A SERVICE LINE, FIRE HYDRANT OR FLUSH ASSEMBLY REQUIRES ABANDONMENT OF THE SERVICE, FIRE HYDRANT OR FLUSH ASSEMBLY. NOTIFY CARSON CITY PUBLIC WORKS FOR METER SET REMOVAL PRIOR TO PROCEEDING WITH ABANDONMENT OF SERVICES. REMOVE METER BOX AND EXPOSE CORPORATION STOP. FOR LINES THAT ARE 2 INCHES OR SMALLER, CORPORATION STOP SHALL BE TURNED OFF, CUT LOOSE FROM SERVICE AND CAPPED AT WATER MAIN. FOR LINES LARGER THAN 2 INCHES, TEE FITTING OR TAPPING SADDLE AT WATER MAIN SHALL BE REMOVED. ALL PIPING OR TUBING SHALL BE DISCONNECTED AND SEALED WITH WATERTIGHT PLUGS AT BOTH ENDS. ABANDONMENT SHALL BE APPROVED BY CARSON CITY PUBLIC WORKS PRIOR TO BACKFILLING.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	NOTE 5-7,13	10/25	<h1 style="margin: 0;">WATER GENERAL NOTES</h1>	CARSON CITY
				DRAWING NO. C-3.1.1.1
				DATE OCT 2025
APPROVED BY: <u>DA</u>		10/25		