

13. PRIOR TO ANY PRESSURE TESTING, A SAMPLE OF THE WATER IN THE MAIN MUST PASS AN INITIAL BACTERIOLOGICAL WATER QUALITY TEST.

THE PIPING INSTALLED IN A DISTRIBUTION SYSTEM MUST, IF THE PIPING CONSISTS OF:

- A. DUCTILE IRON, BE PRESSURE TESTED IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION STANDARD C600, AS ADOPTED BY REFERENCE IN NAC 445A.6663.
- B. PVC, BE PRESSURE TESTED IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION STANDARD C605, AS ADOPTED BY REFERENCE IN NAC 445A.6663; OR
- C. ALL OTHER MATERIALS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND AWWA STANDARDS AS ADOPTED BY REFERENCE IN NAC 445A.6663.

14. ALL PARTS OF THE PIPELINE MUST BE BACKFILLED AND BRACED SUFFICIENTLY TO PREVENT MOVEMENT UNDER PRESSURE. DO NOT PRESSURE TEST AGAINST FRESHLY POURED CONCRETE THRUST BLOCKS. ALLOW A MINIMUM OF 24 HOURS FOR CONCRETE TO SET BEFORE SUBJECTING THEM TO TEST PRESSURE. IF THE 24 HOUR SET TIME IS NOT POSSIBLE, ALL FITTINGS MUST BE RESTRAINED. ALL TESTING MUST BE DONE UNDER THE DIRECT SUPERVISION OF CITY INSPECTOR OR THEIR DESIGNEE.

15. DURING CONSTRUCTION OF WATER MAINS, ANY OPENINGS IN UNFINISHED PIPING OR APPURTENANCES MUST BE SEALED AT THE END OF EACH WORKING DAY OR WHENEVER THE OPENINGS ARE LEFT UNATTENDED WITH WATERTIGHT PLUGS TO PREVENT THE ENTRY OF BIRDS AND OTHER ANIMALS, DIRT, TRENCH WATER AND OTHER SOURCES OF POLLUTION OR CONTAMINATION.

16. ALL PIPE, FITTINGS, AND ASSOCIATED APPURTENANCES MUST BE INSPECTED FOR DEFECTS PRIOR TO INSTALLATION. ANY DEFECTIVE, DAMAGED OR MATERIALS MUST BE REPAIRED OR REPLACED. ALL FOREIGN MATTER OR DIRT MUST BE REMOVED FROM THE INTERIOR OF THE PIPE, FITTINGS, AND APPURTENANCES BEFORE LOWERING INTO POSITION IN THE TRENCH AND MUST BE KEPT CLEAN DURING AND AFTER LAYING.

17. ALL WATERLINE MATERIALS MUST BE CERTIFIED TO NATIONAL SANITATION FOUNDATION/AMERICAN NATIONAL STANDARDS INSTITUTE (NSF/ANSI) 61 AND 372 STANDARDS (OR APPROVED EQUIVALENT).



18. SOIL RETENTION MUST BE PROVIDED AROUND WATER METER BOXES, FIRE HYDRANTS AND OTHER FACILITIES IF SLOPES EXCEED 15%.

19. RESTRAINED PUSH-ON JOINTS AND MECHANICAL JOINTS FOR PIPE AND FITTINGS MUST BE DESIGNED FOR 235 PSI WATER OPERATING PRESSURE UNLESS OTHERWISE NOTED. THE CONTRACTOR MUST COMPLY WITH THE MANUFACTURERS RECOMMENDATIONS REGARDING MECHANICALLY RESTRAINED JOINTS AND MUST ENSURE THAT SUFFICIENT PIPE LENGTH IS RESTRAINED TO RESTRICT MOVEMENT. CONTRACTOR MUST VERIFY THRUST RESTRAINT REQUIREMENTS FOR ALL PROPOSED JOINTS. CONCRETE THRUST BLOCKING MAY BE USED WHEN CONNECTING TO EXISTING PIPING THAT HAS INSUFFICIENT THRUST RESTRAINT.

20. ALL STANDARD SERVICE (NOT SUBMERGED) BOLTS, ANCHOR BOLTS AND NUTS MUST BE STAINLESS STEEL 304 COATED WITH TRIPAC 2000 BLUE, XYLAN 1424 OR APPROVED EQUAL, EXCEPT AS OTHERWISE SHOWN OR SPECIFIED. SUBMERGED SERVICE BOLTS, NUTS, WASHERS, TIE RODS, AND OTHER THREADED FASTENERS MUST BE TYPE 316 STAINLESS STEEL COATED WITH TRIPAC 2000 BLUE, XYLAN 1424 OR APPROVED EQUAL.

21. CONTRACTOR'S PERSONNEL PERFORMING WORK ON ASBESTOS OR TRANSITE PIPE, INCLUDING WITHOUT LIMITATION CUTTING, TAPPING, REPAIRING, OR REMOVING, MUST HAVE SUCCESSFULLY COMPLETED SPECIALIZED OSHA TRAINING IN THE HANDLING AND DISPOSAL OF ASBESTOS PRIOR TO THE PERFORMANCE OF ANY SUCH WORK, OR CONTRACTOR MUST HIRE A SUBCONTRACTOR THAT HAS SUCCESSFULLY COMPLETED SPECIALIZED OSHA TRAINING IN THE HANDLING AND DISPOSAL OF ASBESTOS TO PERFORM SUCH WORK.

22. VIOLATIONS OF TESTING PROCEDURES CAN BE PENALIZED WITH UP TO A \$5,000 FINE PER CCMC 12.07.070

NO.	REVISION	DATE	WATER GENERAL NOTES	SECTION
	NUMBERING	3/22		CARSON CITY
				DRAWING NO. C-3.1.1.2 (307)
				DATE MAR 2022
APPROVED BY: 		3/22		