

## ABCWUA GENERAL NOTES

1. ALL WORK REGARDING PUBLIC WATER AND PUBLIC SANITARY SEWER INFRASTRUCTURE DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED HERON, BE CONSTRUCTED IN ACCORDANCE WITH WATER AUTHORITY STANDARD SPECIFICATIONS. PLANS SHALL FOLLOW THE MOST CURRENT UPDATE WHICH CAN BE FOUND ONLINE AT [Water Authority Standard Specifications and Drawings Feb 2021.pdf](#)
2. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. EXISTING VALVES AND MANHOLES SHALL NOT BE BURIED OR PAVED OVER BUT RIMS SHALL BE ADJUSTED TO MATCH NEW GRADE PER COA STANDARD DRAWINGS 2460 AND 2461.
3. MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
4. ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2465.
5. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO THE ABCWUA STANDARDS AND SPECIFICATIONS. THE CONTRACTOR SHALL INSTALL A 4" X 4" X5' POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.
6. TRACER WIRE, INCLUDING TEST STATIONS SHALL BE INCLUDED FOR ALL PUBLIC WATER, SEWER MAINS AND WATER SERVICES IN ACCORDANCE WITH WATER AUTHORITY DETAILS DWG 2190 AND DWG 2191.
7. AT UTILITY CROSSINGS, WHERE LESS THAN 18" OF VERTICAL SEPARATION FROM STORM DRAIN PIPING OR STRUCTURES IS PROPOSED, LEAN FILL CONSTRUCTION (PER SECTION 207 OF THE STANDARD SPECIFICATIONS) SHALL BE USED TO PROTECT THE WATER OR SEWER LINE. LEAN FILL SHALL EXTEND A PERPENDICULAR DISTANCE OF 5 FEET ON EACH SIDE OF THE STORM PIPE OR STRUCTURE.
8. ALL DESIGNS AND CONSTRUCTION OF ANY UNDERGROUND UTILITIES SHALL COMPLY WITH ADMINISTRATIVE INSTRUCTION NO. 9 FOR WORK NEARBY OR AFFECTING SAN JUAN CHAMA TRANSMISSION LINES AND APPURTENANCES. INFORMATION SHALL BE PROVIDED TO THE WATER AUTHORITY ONE (1) MONTH IN ADVANCE OF THE CONSTRUCTION START DATE. INFORMATION CAN BE FOUND AT [WUA Admin Inst 9 Permit-Proposed-Update-6-5-2023.pdf](#)
9. ALL WATER AND SANITARY SEWER INFRASTRUCTURE SHALL BE CONSTRUCTED UTILIZING MATERIALS LISTED IN THE APPROVED PRODUCTS LIST AND BE CONSTRUCTED PER THE MOST CURRENT WATER AUTHORITY STANDARD DETAILS AND SPECIFICATIONS. MATERIAL SUBMITTALS SHALL BE PROVIDED PRIOR TO CONSTRUCTION FOR THE WATER AUTHORITY ENGINEER TO REVIEW PRIOR TO THE START OF CONSTRUCTION. SEE THE ABCWUA APPROVED PRODUCTS LIST [Approved-Products-List-April-2021-Signed.pdf](#)
10. CONTRACTOR SHALL COMPLY WITH NEW MEXICO ONE-CALL LAW. IF AN UNDERGROUND FACILITY IS DAMAGED DURING CONSTRUCTION, STOP CONSTRUCTION, CALL 911 (IF APPROPRIATE), NOTIFY THE UNDERGROUND FACILITY OPERATOR (UFO) IMMEDIATELY, AND CALL 811 TO REPORT THE DAMAGE. DAMAGE MAY INCLUDE NICKS, DENTS, GOUGES, CUTS, SCRAPES OR SCRATCHES TO THE COATING, INSULATING JACKET, OR TRACER WIRE. FOR ABCWUA WATER AND SANITARY SEWER INFRASTRUCTURE, ALL EMERGENCY RESPONSES ARE INITIATED BY A CALL TO DISPATCH AT 842-9287. NOTE THAT THERE ARE SPECIFIC RESPONSE AND DOCUMENTATION REQUIREMENTS SHOULD A SANITARY SEWER FACILITY BE DAMAGED

THAT RESULTS IN A SANITARY SEWER OVERFLOW (SSO).

11. THE MINIMUM BURY DEPTH INDICATED ON THE PLANS IS A LIMIT STATE AND NOT TO BE USED FOR GENERAL CONSTRUCTION. PIPING SHALL BE INSTALLED BASED ON THE ELEVATIONS SPECIFIED.
12. FOR WORK AROUND MAJOR TRANSMISSION LINES ESPECIALLY CONCRETE CYLINDER OR CRITICAL INTERCEPTOR SEWER:

RESTRICT COMPACTION EQUIPMENT TO 10-TON NON-VIBRATORY ROLLER MAXIMUM, IF DEPTH OF COVER FROM TOP OF PIPE TO SURFACE IS LESS THAN 4 FEET WITHIN 10 FEET EACH SIDE OF THE CONCRETE CYLINDER PIPES, THEN THIS WILL REQUIRE VIBRATION MONITORING AND POTHOLING NECESSARY TO ENSURE CONSTRUCTION ACTIVITIES DOES NOT DAMAGE THE CONCRETE CYLINDER WATER LINE. ANY DAMAGE TO THE ABCWUA WATERLINES SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE CONTRACTOR. CONSTRUCTION ACTIVITY WILL NEED TO OCCUR AFTER SEPTEMBER 30TH DUE TO WATER TRANSMISSION LINE MORATORIUM.

CONTACT JOE CHACON AT 505-289-3533 TO OBTAIN AN EMERGENCY SHUTOFF PLAN. CONSTRUCTION SCHEDULE WILL REQUIRE WATER AUTHORITY STANDBY INSPECTION DURING CONSTRUCTION ACTIVITY.

13. ASBESTOS DISPOSAL IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. ALL ASBESTOS CONTAINING WASTE MUST BE DEPOSITED AT A WASTE DISPOSAL SITE THAT IS OPERATED IN ACCORDANCE WITH 40 CFR 61.154. CALL THE SOLID WASTE BUREAU AT 505-827-0197 OR THE ASBESTOS HOTLINE FOR CURRENT INFORMATION REGARDING WHICH LANDFILLS ARE ALLOWED TO ACCEPT ASBESTOS. THE SOLID WASTE BUREAU ALSO ADMINISTERS REGULATIONS PERTAINING TO ASBESTOS DISPOSAL. ALL CONTRACTORS WHO REMOVE ASBESTOS MATERIALS MUST BE LICENSED BY THE NEW MEXICO CONSTRUCTION INDUSTRIES DIVISION, WHICH CAN BE CALLED AT (505) 476-4700.

## **WATER**

14. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT [Info for Business – Water Shut-Off and Turn On Procedures – Albuquerque Bernalillo County Water Utility Authority](#)
15. NON-RESIDENTIAL USERS SHALL COORDINATE WITH THE WATER AUTHORITY PRETREATMENT ENGINEER ([pretreatment@abcwua.org](mailto:pretreatment@abcwua.org) or (505)289-3419) FOR INSPECTION TO ENSURE THE COMPLIANCE WITH THE INDUSTRIAL PRETREATMENT PROGRAM. METERED SERVICE AND IN-PLACE SEWER DISCHARGE PERMITS WILL BE ONLY BE ISSUED UPON APPROVED INSTALLATION OF THE REQUIREMENTS.
16. NON-RESIDENTIAL USERS SHALL COORDINATE WITH THE WATER AUTHORITY CROSS CONNECTION SECTION([backflow@abcwua.org](mailto:backflow@abcwua.org) or 505-289-3454) TO ENSURE THE PROPER IMPROVEMENTS ARE IN PLACE FOR THE TO ENSURE PROPER BACKFLOW CONTAINMENT IS IN PLACE FOR THE WATER SYSTEM.
17. PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900: DR18 REQUIREMENTS (6" – 12") OR DUCTILE IRON PIPE MEETING AWWA C-150 REQUIREMENTS (6" – 48"), SEE THE ABCWUA APPROVED PRODUCTS LIST [Approved-Products-List-April-2021-Signed.pdf](#)

FOR A COMPREHENSIVE LIST OF MATERIALS AND MANUFACTURERS.

18. ALL WATERLINE FITTINGS, VALVES, BENDS, TEES, CROSSES AND APPURTENANCES SHALL HAVE RESTRAINED JOINTS UNLESS OTHERWISE NOTED ON THE PLANS. THE JOINT RESTRAINT REQUIREMENTS SHOULD BE DELINEATED WITHIN A JOINT RESTRAINT TABLE.
19. CONTRACTOR SHALL PROVIDE THE PROPOSED HYDROSTATIC TEST PLANS CONFORMING WITH AWWA C600 TO THE WUA INSPECTORS FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS. DISINFECTION AND VERIFICATION TEST PLAN CONFORMING WITH AWWA 651 WILL BE REQUIRED CONCURRENTLY.
20. FOR CONSTRUCTION WATER FROM FIRE HYDRANTS, THE CONTRACTOR SHALL OBTAIN A FIRE HYDRANT PERMIT AND METER FROM WATER AUTHORITY CUSTOMER SERVICE. THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH THE CONDITIONS OF SERVICE AND WILL BE CHARGED A BASE FEE PLUS WATER CONSUMPTION EACH MONTH. THE CONTRACTOR IS NOT PERMITTED TO UTILIZE FIRE HYDRANTS WITHOUT A PERMIT, AN APPROVED WATER AUTHORITY METER, AND AN APPROVED BACKFLOW PREVENTION METHOD. THE PERMIT APPLICATION IS LOCATED AT THIS WEBSITE: <https://www.abcwua.org/customer-service-fire-hydrant-meter-program/>

## **SANITARY SEWER**

21. ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING. EXCEPT WHEN PROFILED WITHIN A PROPOSED OR EXISTING STREET, WHERE STREET STATIONING SHALL GOVERN.
22. ALL PROPOSED SANITARY SEWER SLOPES SHALL BE VERIFIED DURING CONSTRUCTION TO MEET THE APPROVED DESIGN. AS-BUILT SLOPES SHALL BE RECORDED FOR EACH LINE SEGMENT.
23. IT WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT AND MAINTAIN, IN SERVICE, ALL EXISTING UTILITIES. THE CONTRACTOR SHALL ADEQUATELY SUPPORT AND PROTECT EXISTING UTILITIES AFFECTED BY THE CONTRACTOR'S TRENCHING ACTIVITY. IN THE EVENT THAT EXISTING UTILITIES ARE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE PROMPT REPAIR BY THE RESPECTIVE UTILITY AND SHALL BEAR THE COST OF THE REPAIRS.
24. AIR TESTING OF SEWER LINES AND HYDROSTATIC TESTING OF FORCE MAINS SHALL BE CONDUCTED IN THE PRESENCE OF THE ABCWUA'S INSPECTOR. ALL COSTS FOR THESE REQUIREMENTS ARE CONSIDERED AS INCLUDED IN THE SANITARY SEWER LINE PIPE ITEMS AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
25. ALL SEWER SERVICE LINES SHALL BE INSPECTED BY CAMERA WITH OPERATOR CERTIFIED IN NASSCO PACP. THE CCTV WILL BE PROVIDED TO THE CITY'S INSPECTOR FOR REVIEW BEFORE ACCEPTANCE BY THE ABCWUA. THE CCTV INSPECTIONS SHALL MEET NASSCO PACP STANDARDS. INSPECTIONS SHALL UTILIZE ITPIPES SOFTWARE AND INCLUDE THE VIDEO, REPORT, SNAPSHOTS AND MICROSOFT ACCESS FILE.
26. THIRTY (30) DAYS FOLLOWING INSTALLATION AND BACKFILL OF SEWER LINES, A DEFLECTION TEST USING A HAND PULLED MANDREL SHALL BE PERFORMED IN THE PRESENCE OF THE ABCWUA'S INSPECTOR PER STANDARD SPECIFICATION 901.5.2.4.
27. THE CONTRACTOR SHALL MARK THE TOP OF THE CURB AND PAN OF THE GUTTER WITH "S" FOR SANITARY SEWER FOLLOWING SERVICE INSTALLATION PER STANDARD SPECIFICATION 905.4.4.

28. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY OR ABCWUA PUBLIC EASEMENTS MUST BE DONE BY A UTILITY CONTRACTOR WITH A GF-9 OR GF-98 LICENSE. ANY WORK PERFORMED ON PRIVATELY OWNED SEWER LINE AND/OR SERVICE LINES MUST BE INSPECTED BY THE CITY OF ALBUQUERQUE'S CODE ADMINISTRATION DIVISION OR BERNALILLO CODE ADMINISTRATION PRIOR TO BACKFILLING AND/ OR PAVING. THE CITY OF ALBUQUERQUE WILL REQUIRE THE UTILITY CONTRACTOR'S PLUMBING SECTION (THOSE WITH A M SERIES LICENSE) SUBMIT FOR A BUILDING PERMIT TO HAVE THE PRIVATE SEWER LINE AND/OR SERVICE LINE INSPECTED. BERNALILLO CODE ADMINISTRATION HAS A SIMILAR PROCESS.