

WATER NOTES:

1. WATER INSTALLATION SHALL BE IN ACCORDANCE WITH "TEN STATES STANDARDS," S.C.D.H.E.C. AND B.C.W.S REGULATIONS.
2. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH B.C.W.S. AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
3. CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES FOUND IN THE FIELD OR ON THE DRAWINGS PRIOR TO BEGINNING OR CONTINUING WORK. ANY DEVIATIONS FROM THE CONSTRUCTION PLANS SHALL NEED TO BE APPROVED IN WRITING BY B.C.W.S.
4. CONNECTION TO EXISTING WATER SYSTEM SHALL BE MADE IN THE PRESENCE OF B.C.W.S. INSPECTOR WITH AT LEAST 72 HOURS ADVANCED NOTICE.
5. ALL WATER LINES SHALL HAVE A MINIMUM COVER OF 36".
6. D.I.P. SHALL BE INSTALLED
 - AT ALL ROAD CROSSINGS UNDER PAVEMENT
 - ALL AREAS ABOVE OR BELOW DRAINAGE STRUCTURES
7. FIRE HYDRANTS, WATER VALVES AND OTHER WATER SYMBOLS MAY BE SHOWN IN LARGE SCALE FOR CLARITY. WATER VALVES, VALVE BOXES AND COVERS SHALL NOT BE LOCATED WITHIN PAVED AREAS. FIRE HYDRANTS SHALL BE PLACED AS CLOSE AS POSSIBLE TO THE WATER MAIN IN ORDER TO REMAIN WITHIN THE RIGHT-OF-WAY.
8. HYDRANTS SHALL BE INSTALLED BASED ON THE BURY DEPTH OF THE WATER MAIN UNLESS OTHERWISE NOTED. HYDRANT EXTENSIONS ARE NOT ALLOWED UNLESS THE DEPTH OF THE WATER MAIN EXCEEDS 6'.
9. WATER SERVICE AND SEWER SERVICE FOR EACH LOT SHALL MAINTAIN A MINIMUM 5' OF SEPARATION.
10. DEFLECT WATER LINES IN LIEU OF FITTINGS IN ACCORDANCE WITH THE PIPE MANUFACTURER'S SPECIFICATIONS.
11. ALL FITTINGS, VALVES AND HYDRANTS SHALL BE PROVIDED WITH RESTRAINED JOINT FITTINGS PER B.C.W.S. REQUIREMENTS.
12. WATER SERVICE STUBOUTS & SERVICE TEE SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY OR GENERAL UTILITY EASEMENT (GUE) AND HAVE A MINIMUM 1 FOOT SEPARATION FROM SIDEWALKS. INSTALL WATER SERVICE STUBOUTS NO MORE THAN 18" FROM THE COMMON PROPERTY CORNER UNLESS OTHERWISE NOTED ON THE CONSTRUCTION PLANS.
13. CONTRACTOR SHALL SCHEDULE ALL REQUIRED TESTS AND INSPECTIONS WITH B.C.W.S. AT LEAST 72 HOURS IN ADVANCE. A SET OF RECORD DRAWINGS SHALL BE PROVIDED TO B.C.W.S INSPECTOR FOR FINAL INSPECTION.
14. CONTRACTOR SHALL KEEP A RED-LINED SET OF THE CONSTRUCTION DRAWINGS ON SITE AT ALL TIMES.
15. CONTRACTOR TO INSTALL TEMPORARY CONSTRUCTION WATER METER AND BACKFLOW PREVENTER AT TIE IN LOCATIONS WITH EXISTING WATER MAINS. WATER METER AND BFP TO REMAIN IN PLACE UNTIL PTO IS OBTAINED.
16. ALL WATER MAIN VALVES TO BE MARKED ON THE CURB WITH "V" AND ALIGNED WITH THE VALVE ITSELF FOR LOCATING PURPOSES.
17. ALL WATER SERVICE LOCATIONS TO BE MARKED ON THE CURB WITH A "/" AND ALIGNED WITH THE SERVICE ITSELF FOR LOCATING PURPOSES.
18. SITE MUST MEET ALL MINIMUM CRITERIA FOR FINAL WALKTHROUGH IDENTIFIED IN APPENDIX G SECTION 02670 WATER MAIN TESTING AND ACCEPTANCE SECTION 3.

WATER PANEL 13

BERKELEY COUNTY WATER AND SANITATION POTABLE WATER & SANITARY SEWER STANDARDS

REVISED: 04/25/2023