

## SAN DIEGO COUNTY WATER AUTHORITY NOTES

1. THE SHOWN LOCATION OF ALL EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL STRUCTURES, WHETHER SHOWN HEREIN OR NOT, AND PROTECTING THEM FROM DAMAGE. THE EXPENSE OF REPAIR OR REPLACEMENT OF SAID SUBSTRUCTURES SHALL BE BORNE BY THE CONTRACTOR. HAND DIG FOUNDATIONS UNTIL CLEAR OF SUBSTRUCTURES, IF REQUIRED, TO PROTECT UTILITIES.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE SAN DIEGO COUNTY WATER AUTHORITY (WATER AUTHORITY) A MINIMUM OF TWO WORKING DAYS PRIOR TO COMMENCEMENT OF ANY WORK NEAR WATER AUTHORITY FACILITIES.

NOTICE: ALL WATER AUTHORITY PIPELINES ARE "UNDERGROUND INSTALLATIONS." FOR LOCATION OF PIPELINES AND APPURTENANCES CONTACT THE WATER AUTHORITY, TELEPHONE: (858) 522-6900.

3. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY ALL WORK WITHIN WATER AUTHORITY EASEMENTS OR IN CLOSE PHYSICAL PROXIMITY TO WATER AUTHORITY FACILITIES. STAND-BY PERSONNEL MAY BE REQUIRED DURING ALL PHASES OF WORK. STAND-BY REQUIREMENTS WILL BE AT THE DISCRETION OF THE WATER AUTHORITY. WATER AUTHORITY STAND-BY PERSONNEL SHALL BE REQUIRED WHEN ANY EXCAVATION IS DONE WITHIN THE WATER AUTHORITY'S RIGHT OF WAY.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING WATER AUTHORITY FACILITIES AS A RESULT OF ITS OPERATIONS AND WORK, AND SHALL BE LIABLE FOR THE COST OF ANY REPAIR WORK RESULTING FROM ITS ACTIVITIES.
5. DIGALERT: THE LAW REQUIRES YOU TO CONTACT UNDERGROUND SERVICE ALERT TWO WORKING DAYS IN ADVANCE OF DIGGING OR EXCAVATING ON A PUBLIC RIGHT OF WAY OR EASEMENT. TELEPHONE: 1-800-227-2600.
6. LOCATION AND ELEVATION OF AQUEDUCTS IS SUBJECT TO FIELD VERIFICATION AND SHALL BE CONFIRMED BY THE DESIGN ENGINEER OR CONTRACTOR BY FIELD MEASUREMENTS IN THE PRESENCE OF AN WATER AUTHORITY INSPECTOR PRIOR TO COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE WATER AUTHORITY'S ATTENTION PRIOR TO PROCEEDING.
7. ALL GRADING SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED SOILS ENGINEER AND IN ACCORDANCE WITH THE RECOMMENDED SAN DIEGO COUNTY STANDARDS AND SPECIFICATIONS.
8. ALL FILL MATERIAL SHALL BE COMPACTED TO 90% OR BETTER AND REPORTS SUBMITTED TO THE WATER AUTHORITY PRIOR TO THE ACCEPTANCE OF WORK.
9. ALL FILL MATERIAL PLACED BETWEEN THE WATER AUTHORITY'S PIPELINES AND ANY NEW UTILITY CROSSING SHALL BE SAND, 3/4-INCH GRAVEL OR CEMENT SLURRY.
10. AT THE COMPLETION OF THE GRADING OPERATIONS, AN AS-GRADED SOILS AND GEOLOGICAL REPORT SHALL BE PREPARED AND SUBMITTED TO THE WATER AUTHORITY WITHIN 15 DAYS OF THE COMPLETION OF GRADING.
11. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING: SAFETY OF ALL PERSONS AND PROPERTY, AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE WATER AUTHORITY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
12. THE CONTRACTOR SHALL NOT GRADE OR STORE ANY SOILS IN THE WATER AUTHORITY RIGHT-OF-WAY. CONSTRUCTION EQUIPMENT CROSSING THE PIPELINES SHALL NOT BE PERMITTED. THE

CONTRACTOR WILL BE REQUIRED TO CONSTRUCT A TEMPORARY BRIDGE OVER THE PIPELINE(S) FOR EQUIPMENT CROSSINGS.

13. THE WATER AUTHORITY WILL NOT BE RESPONSIBLE FOR THE ENFORCEMENT OF SAFETY MEASURES AND REGULATIONS. THE CONTRACTOR OR DESIGN ENGINEER SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS DURING CONSTRUCTION OPERATIONS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE THAT ANY MONUMENT OR BENCH MARK WHICH IS DISTURBED OR DESTROYED SHALL BE RE-ESTABLISHED AND REPLACED BY A REGISTERED CIVIL ENGINEER WHO IS ALLOWED TO PRACTICE SURVEYING OR A LICENSED LAND SURVEYOR AND A CORNER RECORD, CERTIFICATE OF CORRECTION OR RECORD OF SURVEY FILED AS REQUIRED BY THE LAND SURVEYOR'S ACT. THE CONTRACTOR SHALL FURNISH TO THE WATER AUTHORITY PROOF OF RECORDING.
15. THE CONTRACTOR SHALL FURNISH TO THE WATER AUTHORITY AS-BUILT PLANS FOR ALL IMPROVEMENTS WITHIN WATER AUTHORITY RIGHTS OF WAY.
16. THE CONTRACTOR SHALL REPAIR ALL DESTROYED OR DAMAGED SURFACE IMPROVEMENTS WITHIN THE WATER AUTHORITY'S RIGHTS OF WAY WITH IMPROVEMENTS OF EQUAL OR SUPERIOR QUALITY.
17. THE WATER AUTHORITY SHALL RECEIVE THE CONSTRUCTION SCHEDULE TWO WORKING DAYS IN ADVANCE OF START OF CONSTRUCTION. WORK DONE WITHOUT WATER AUTHORITY INSPECTION SHALL BE SUBJECT TO REMOVAL. THE PHONE NUMBER TO SCHEDULE INSPECTION WITHIN THE WATER AUTHORITY'S RIGHT OF WAY IS (858) 522-6900.
18. APPROVAL OF PLANS BY THE WATER AUTHORITY DOES NOT CONSTITUTE RESPONSIBILITY FOR ACCURACY OF INFORMATION NOR LOCATION OF OTHER EXISTING FACILITIES.
19. EXCAVATION WILL NOT BE ALLOWED UNDERNEATH WATER AUTHORITY PIPELINES UNLESS A PIPE SUPPORT SYSTEM IS DESIGNED BY A REGISTERED CIVIL ENGINEER. SUPPORT DESIGN MUST BE SUBMITTED AND APPROVED BY THE WATER AUTHORITY PRIOR TO EXCAVATION.
20. ALL UTILITIES MUST CROSS WATER AUTHORITY EASEMENT AND PIPELINES AT A PERPENDICULAR ANGLE. NO PARALLEL UTILITIES ARE ALLOWED IN WATER AUTHORITY EASEMENT. SEWER OR RECLAIMED WATER LINE MATERIALS MUST MEET STATE OF CALIFORNIA DEPARTMENT OF HEALTH STANDARDS COMPLETELY CROSSING EASEMENT. ALL UTILITIES TO HAVE A MINIMUM 18-INCHES OF EXTERNAL CLEARANCE TO ANY AUTHORITY PIPELINE. KEEP ALL VAULT STRUCTURES, PULLBOXES, VALVES, CONTROLLERS, BACKFLOW PREVENTERS, MANHOLES, TRANSFORMERS, HEADWALLS, ETC., OUTSIDE OF EASEMENT.
21. IF REQUIRED, THE CONTRACTOR SHALL RELOCATE CATHODIC PROTECTION TEST STATIONS IN ACCORDANCE WITH THE SAN DIEGO COUNTY WATER AUTHORITY STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL CONTACT THE WATER AUTHORITY TWO WEEKS PRIOR TO COMMENCEMENT OF WORK IN ORDER TO SCHEDULE THE RELOCATION PROCEDURES AND INSPECTION.
22. ALL ENCROACHMENTS SHALL BE INSTALLED AND MAINTAINED IN A SAFE AND SANITARY CONDITION AT THE SOLE COST, RISK AND RESPONSIBILITY OF THE PROPERTY OWNER AND SUCCESSORS IN INTEREST WITHOUT EXCEPTION, INCLUDING BUT NOT LIMITED TO ANY DAMAGES TO OR ARISING FROM THE ENCROACHMENTS CAUSED BY THE WATER AUTHORITY'S MAINTENANCE OR CONSTRUCTION REQUIREMENTS.
23. IRRIGATION IS SHOWN DIAGRAMMATICALLY FOR VISUAL CLARITY. ALL VALVES, FERTILIZER INJECTION SYSTEMS, THRUST BLOCKS, BACKFLOW PREVENTERS, FLOW SENSORS AND ANY OTHER APPURTENANT IRRIGATION EQUIPMENT SHALL BE LOCATED OUTSIDE THE SAN DIEGO COUNTY WATER AUTHORITY'S EASEMENT.