



WATER NOTES

1. WATER WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS AND MATERIALS AS SPECIFIED HEREIN AND WITHIN THE MOST RECENT EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK), AND ALL SUPPLEMENTS. CONTRACTOR SHALL HAVE A COPY OF THE STANDARD SPECIFICATIONS ON THE JOB SITE AT ALL TIMES.
2. CONTRACTOR SHALL COORDINATE WITH OWNER ALL ARRANGEMENTS FOR HIGH-LINING TEMPORARY SERVICES PRIOR TO SHUTDOWNS.
3. CONTRACTOR SHALL REVIEW ALL PROPOSED TRENCH WORK WITH CAL/OSHA. A COPY OF EXEMPTION LETTER OR TRENCHING PERMIT, IF REQUIRED, SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL PER THE SPECIFICATIONS, THE APPROPRIATE BURIED UTILITY WARNING, AND IDENTIFICATION TAPE ABOVE ALL WATER LINES, INCLUDING WATER LATERALS.
5. AUTOMATIC AIR RELEASE VALVES SHALL BE INSTALLED AT ALL HIGH POINTS AND BLOW-OFFS AT ALL LOW POINTS IN THE WATER MAIN PROFILE.
6. FILL AREAS MUST BE COMPACTED TO MINIMUM 90% (PERCENT) RELATIVE COMPACTION PRIOR TO PIPE INSTALLATION.
7. PIPELINES SHALL BE CONSTRUCTED WITH A MINIMUM 3.0 FOOT COVER, AND AS SHOWN IN THE DRAWINGS.
8. CONTRACTOR SHALL REMOVE ANY ABANDONED PIPE IN CONFLICT WITH THE PROPOSED PIPELINE OR WITHIN PIPE TRENCH WIDTH. ALL SECTIONS OF ABANDONED PIPE SHALL BE SEALED BY EITHER WELDING A CAP OR POURING A CONCRETE PLUG ON EACH END OF THE PIPE. (SEE REVISED NOTE)
9. CONTRACTOR SHALL LOCATE THE EXISTING PIPELINES AND CONFIRM THE CONNECTION LOCATIONS PRIOR TO ORDERING THE MATERIALS. THE CONTRACTOR SHALL CUT AND REPLACE ANY DAMAGED PIPE WITH NEW PIPE AT ALL CONNECTION LOCATIONS.
10. THE WATER SYSTEM SHALL BE PRESSURE TESTED IN ACCORDANCE WITH THE PROCEDURES IN THE SPECIFICATIONS.
11. PIPELINES AND APPURTENANCES SHALL BE DISINFECTED IN ACCORDANCE WITH THE SPECIFICATIONS PRIOR TO TIE-IN OR CONNECTION TO EXISTING SYSTEM FACILITIES. BACTERIOLOGIC QUALITY TEST RESULTS SHALL CONFORM TO THE CRITERIA SPECIFIED IN THAT SPECIFICATION.
12. CONTRACT RECORD DRAWINGS MUST BE SUBMITTED PRIOR TO FINAL ACCEPTANCE OF WORK. THE PLANS MUST PROVIDE POST CONSTRUCTION VERIFICATION OF THE LOCATION AND ELEVATION OF PIPES AND APPURTENANCES.

SAWCUT NOTE:

CONTRACTOR SHALL SAWCUT AND REMOVE EXISTING PAVEMENT AS SHOWN ON PLANS AND AS REQUIRED TO FORM NEW A.C. BERM. CONTRACTOR SHALL COMPACT 12" NATIVE MATERIAL UNDER STRUCTURAL SECTION TO A MINIMUM OF 95% RELATIVE COMPACTION. CONTRACTOR SHALL APPLY TACK COAT TO ALL EXPOSED VERTICAL A.C. AND GUTTER SURFACES. TACK COAT SHALL COMPLY WITH CALTRANS SPECIFICATION, SECTION 94, "ASPHALTIC EMULSION; OR ASPHALT BINDER IN SECTION 92, "ASPHALT".

GENERAL NOTE:

1. DO NOT CONSTRUCT 6" TYPE A BERM ADJACENT TO BIO SWALE.
2. ELEVATIONS FOR TOP OF BERM FROM 123+84.00 THROUGH 140+61.80 WERE DESIGNED BY PROJECTING THE EXISTING CROSS SLOPE TO THE PROPOSED EDGE OF PAVEMENT, PLUS TWO INCHES FOR THE OVERLAY, PLUS SIX INCHES FOR THE BERM. THE DESIGN INTENT IS TO HAVE THE PROPOSED CROSS SLOPE EQUAL THE EXISTING CROSS SLOPE.



REVISIONS

NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	

SAN DIEGO GAS & ELECTRIC COMPANY
 SAN DIEGO, CALIFORNIA

SUNCREST SUBSTATION ACCESS ROAD
 TYPICAL SECTIONS, NOTES & DETAILS

DRAWN BY: DHT DATE: 3/24/10 SCALE: 1"=20' W.O.: - REV: 0
 CHECKED BY: PJC DATE: -
 APPROVED BY: CR DATE: - SHEET 2 OF 55
 CAD NO.: SCR-C-202 PLOT SCALE: 1=1

SCR-C-202