

SEWER NOTES

ANY MODIFICATIONS TO THE FOLLOWING SEWER NOTES MUST BE APPROVED BY SANITATION DEPARTMENT.

- ALL SEWER IMPROVEMENTS SHALL BE DONE IN ACCORDANCE WITH THIS PLAN, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, THE SAN DIEGO REGIONAL STANDARD DRAWINGS (SDRSD), AND THE CITY OF VISTA STANDARD DRAWINGS (COVSD), ALL AS LAST AMENDED. WHERE CONFLICTS ARISE, THE MORE STRINGENT SHALL PREVAIL.
- CONTRACTOR SHALL OBTAIN A PERMIT FOR ANY EXCAVATION WITHIN RIGHT-OF-WAY.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEERING DEPARTMENT 48 HOURS IN ADVANCE OF BEGINNING WORK TO ARRANGE FOR INSPECTION (24-HOUR PHONE: (760)-639-6113).
- TRENCH WIDTH AND TRENCHING SHALL BE PER COVSD No. SWR-11 OR AS SHOWN ON THE PLANS.
- PIPE BEDDING AND TRENCH BACKFILL SHALL BE IN ACCORDANCE WITH COVSD No. SWR-11. FILL AREAS MUST BE COMPACTED TO MINIMUM 90 PERCENT RELATIVE COMPACTION PRIOR TO PIPE INSTALLATION.
- ALL NEW SEWER MAINS SHALL BE A MINIMUM OF 8-INCH (MIN.) PVC (SDR 35), GREEN, WITH 7 (SEVEN) FEET MINIMUM COVER PER PLANS. CURVES OR RUNS OVER 300 FEET BETWEEN APPROVED MANHOLES REQUIRE SPECIAL DISTRICT APPROVAL IN WRITING.
- EACH LOT, AND/OR CONDOMINIUM SPACE SHALL BE SERVED BY A SEPARATE PRIVATE 4-INCH PVC (SDR 35) SEWER LATERAL SET AT A MINIMUM GRADE OF TWO PERCENT (2%), AND WITH A MINIMUM INVERT DEPTH OF FIVE AND A HALF (5 1/2) FEET BELOW GRADE AT THE EDGE OF THE PUBLIC RIGHT OF WAY PER COVSD No. SWR-17. EACH LATERAL SHALL INCLUDE A 4-INCH CLEANOUT WITHIN A ROUND CONCRETE UTILITY BOX AND LID MARKED "SEWER" AS CLOSE AS POSSIBLE TO THE RIGHT-OF-WAY PER COVSD No. SWR-25. METAL LID REQUIRED IN TRAVELED WAY. CONNECTION OF A PRIVATE LATERAL INTO AN EXISTING PUBLIC SEWER MAIN SHALL USE A STANDARD PVC WYE GASKETED SADDLE SAW CUT OR BORED INTO THE MAIN IN AN APPROVED MANNER. NO LATERAL SHALL DISCHARGE DIRECTLY INTO A PUBLIC MANHOLE. AN INSCRIBED "S" SHALL BE MARKED ON THE CURB DIRECTLY ABOVE LOCATION OF THE SEWER LATERAL. ANY PRIVATE SEWER LATERALS 6-INCH OR LARGER SHALL REQUIRE A MANHOLE AT THE MAIN LINE CONNECTION.
- THE INSTALLATION OF PCC SEWER MANHOLES SHALL BE PER COVSD No. SWR-3 OR SWR-4. PRECAST MANHOLE BASES ARE ACCEPTABLE FOR USE WITH 8- THROUGH 12-INCH COLLECTOR SYSTEMS. INSTALLATION OF MANHOLE BASE AROUND EXISTING SEWER PIPE IS NOT PERMITTED.
- ADJUSTMENT, RECONSTRUCTION, REHABILITATION, OR REPLACEMENT OF SEWER MANHOLES SHALL BE IN CONFORMANCE WITH COVSD No. SWR-33. THE CITY/DISTRICT ENGINEER OR HIS REPRESENTATIVE, UPON INSPECTION, SHALL DETERMINE THE EXTENT OR TYPE OF RECONSTRUCTION, REHABILITATION, OR REPLACEMENT NEEDED TO BRING THE MANHOLE STRUCTURE TO CURRENT STANDARDS, AND IF TESTING IS REQUIRED.
- AFTER COMPLETION OF PIPE LAYING AND THE INSTALLATION OF ALL SEWER STRUCTURES, AND BEFORE PAVING, ALL MAIN LINE SEWERS, PRIVATE SEWER SERVICE LATERALS, AND STRUCTURES SHALL BE TESTED IN THE PRESENCE OF THE CITY/DISTRICT ENGINEER OR HIS REPRESENTATIVE. THE SEWER MAINS SHALL FIRST BE WAYNE BALLED, MANDRELED, AIR TESTED, AND THEN TELEVIEWED. MANHOLES SHALL BE VACUUM TESTED IN COMPLIANCE WITH ASTM C 1244-93.
- THE INTERNAL CONDITION OF ALL SEWER FACILITIES WITHIN THE RIGHT-OF-WAY SHALL BE ASSESSED BY CLOSED-CIRCUIT TELEVIEW (CCTV) AS FOLLOWS:
 - PRE-CONSTRUCTION: NO GRADING OR TRENCHING WILL BE PERMITTED BEFORE CCTV INSPECTION. CCTV INSPECTION PERFORMED ON _____.
 - POST-TELEVIEWING CCTV INSPECTION OF ALL NEW AND EXISTING SEWER IMPROVEMENTS IS REQUIRED BEFORE FINAL PAVING OR ACCEPTANCE OF SEWER MAINS, LATERALS, AND APPURTENANCES.
 - CCTV INSPECTION SCHEDULE AND VIDEO TAPE REVIEW FEES: CONTRACTOR IS REQUIRED TO CONTACT THE SANITATION STAFF AT (760) 726-1340, EXTENSION 5417 OR 5432 TO SCHEDULE THE TELEVIEWING INSPECTION AND PAY APPLICABLE FEES.
 - SUBMITTAL REQUIREMENTS (MIN.): THE TV INSPECTION SHALL BE PERFORMED ONLY BY A CITY-APPROVED FIRM WITH NATIONAL ASSOCIATION OF SEWER SERVICE COMPANIES (NASSCO) CERTIFIED INSPECTORS. THE CONTRACTOR SHALL SUBMIT TO THE CITY/DISTRICT ENGINEER COLOR CCTV ON CD-ROM WITH VERBAL DESCRIPTION, WRITTEN MANUSCRIPT OF THE PERTINENT DIALOGUE, A DIGITAL FILE OF THE TV INSPECTION DATABASE, AND STILL PICTURES. MINIMAL INFORMATION SHALL INCLUDE: PROJECT NAME, DRAWING NO., DATE, & TIME, LINE ID AND LOCATION, PIPE SIZE AND MATERIAL, FOOTAGE, LATERAL LOCATION FROM THE UPSTREAM MANHOLE, AND ANY DEFECTS OR PROBLEM AREAS. VIDEO AND REPORT SHALL BE PERFORMED USING NASSCO PIPELINE ASSESSMENT AND CERTIFICATION PROGRAM (PACP) STANDARDS AT THE EXPENSE OF THE CONTRACTOR. FINAL ACCEPTANCE OF THE IMPROVEMENTS IS SUBJECT TO DISTRICT REVIEW AND APPROVAL.
- MANHOLE COVERS FOR PRIVATE SEWER SYSTEMS SHALL HAVE "PRIVATE SEWER" CAST INTO THE LID. PUBLIC COVERS SHALL HAVE "CITY OF VISTA" (OR "BUENA SANITATION DISTRICT") CAST INTO THE LID. MANHOLE COVERS AND RISER RINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH COVSD No. SWR-29 AND SWR-30.
- DETAILED RECORD DRAWINGS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND SUBMITTED TO THE ENGINEER OF WORK. "AS-BUILT" DRAWINGS SHALL BE SUBMITTED BY THE ENGINEER OF WORK TO THE CITY/DISTRICT ENGINEER PRIOR TO ACCEPTANCE OF THE PUBLIC SEWER SYSTEM. FINAL LOCATION AND ELEVATION OF SEWER MAIN, MANHOLES, LATERALS, AND CLEANOUTS SHALL BE SHOWN ON THE RECORD DRAWING AND THE "AS-BUILT" DRAWINGS.
- ENTRY TO MANHOLES IS PERMIT-REQUIRED CONFINED SPACE ENTRY (REF. SEC. 5156, 5157, AND 5158 OF CALIFORNIA OSHA TITLE 8 CCR GISO). SAID PERMIT AND PLAN MUST BE ISSUED BEFORE EACH ENTRY, MAINTAINED ONSITE AND PRESENTED TO CITY/DISTRICT ENGINEER UPON REQUEST. NON-COMPLIANCE MAY RESULT IN DEATH, FINES, OR IMPRISONMENT.
- AS EARLY AS POSSIBLE, THE CONTRACTOR SHALL SUBMIT A SANITARY SEWER OVERFLOW PREVENTION AND RESPONSE (SSOP&R) PLAN. PLAN MUST BE APPROVED BY THE CITY/DISTRICT ENGINEER BEFORE ANY WORK THAT MAY AFFECT ACTIVE PRIVATE OR PUBLIC SEWER FLOW. SHOULD A SPILL OCCUR, THE CONTRACTOR SHALL CONTAIN THE SEWAGE FROM ENTERING WATER SURFACE AREAS AND IMMEDIATELY CALL THE DISTRICT WASTEWATER DEPARTMENT AND INSPECTOR FOR INSPECTION, RESPONSE, AND REPORTING:

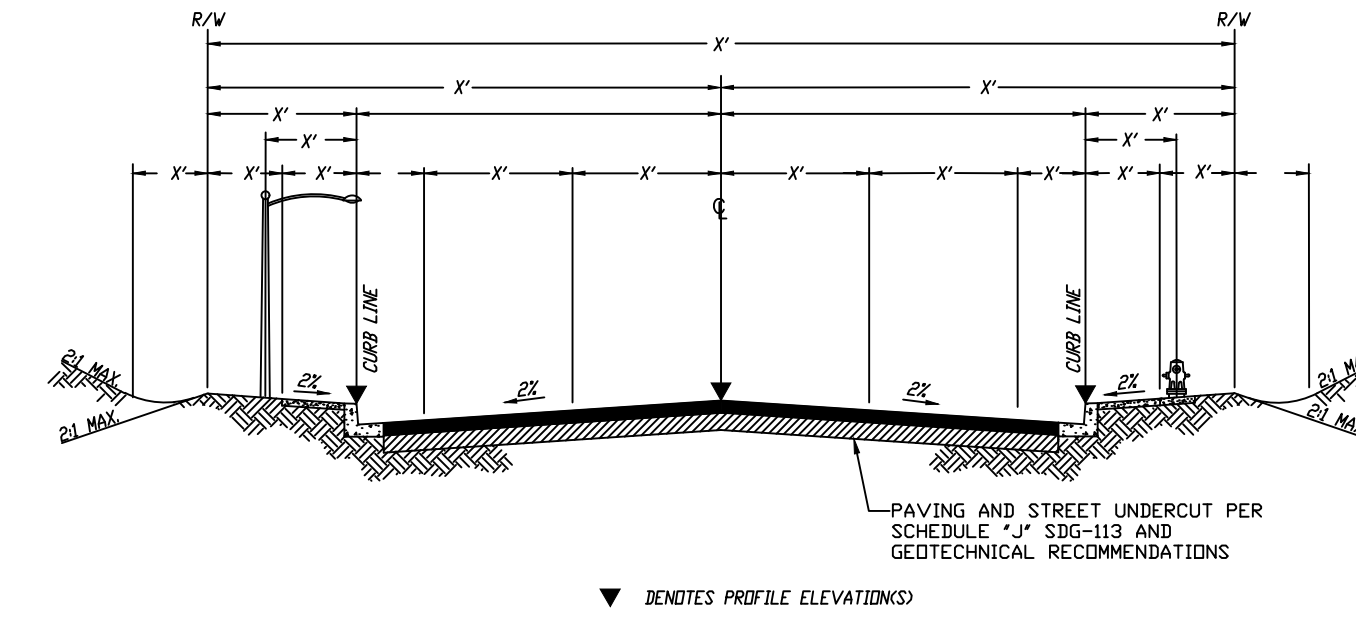
CITY OF VISTA/ BUENA SANITATION DISTRICT
(7:30 AM TO 3:30 PM) (760) 726-6328
(AFTER WORKING HOURS)(760) 825-3135

THE CONTRACTOR IS LIABLE FOR ANY AND ALL COSTS INCURRED BY THE CITY/DISTRICT FOR RESPONSE AND REPORTING, IN ADDITION TO ANY FINES AND PENALTIES THAT MAY APPLY (REF. COV/BSO SSOP&R, RWQCB 96-04).

ENGINEER OF WORK _____ RCE _____ EXP _____ DATE _____

VID NOTES

- THE DISTRICT'S APPROVAL GIVEN HERE IS NOT AN APPROVAL TO BEGIN THE INSTALLATION OR CONSTRUCTION OF WATER FACILITIES. APPROVAL FOR THE INSTALLATION OR CONSTRUCTION OF THE WATER FACILITIES IS ONLY GIVEN AFTER PROPER APPLICATION AND/OR EXECUTION OF A CONSTRUCTION CONTRACT AND PAYMENT OF ALL APPLICABLE FEES TO THE DISTRICT. TO BE ACCEPTED THE APPLICATIONS AND/OR THE CONSTRUCTION CONTRACT MUST BE SIGNED BY THE GENERAL MANAGER.
- ANY WATER FACILITIES THAT WILL BE UNDER THE JURISDICTION OF THE DISTRICT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS SIGNED BY THE DISTRICT AND WITH THE DISTRICT'S CURRENT "STANDARD SPECIFICATIONS" APPROVED BY THE BOARD OF DIRECTORS AND POSTED ON OUR WEBSITE AT WWW.VIDWATER.ORG. THE SIGNED "ORIGINAL" PLANS ON FILE AT THE DISTRICT OFFICE ARE THE ONLY PLANS RECOGNIZED BY THE DISTRICT AS "APPROVED." A SIGNED SET OF PLANS AND A COPY OF THE "STANDARD SPECIFICATIONS" MUST BE ON THE JOB SITE DURING CONSTRUCTION OR INSPECTION OR WATER FACILITIES MAY NOT BE RENDERED.
- THE CONTRACTOR SHALL NOTIFY THE DISTRICT'S ENGINEERING DEPARTMENT OF ANY DISCREPANCIES BETWEEN THE APPROVED PLANS AND ACTUAL FIELD CONDITIONS. THIS INCLUDES THE CONTRACTOR'S RESPONSIBILITY FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES AND SUBSTRUCTURES DURING CONSTRUCTION, WHETHER SHOWN ON THE PLANS OR NOT. THE ACTUAL LOCATION AND DEPTH OF ALL UTILITIES, SUBSTRUCTURES, AND CONNECTION POINTS ARE TO BE VERIFIED (EXCAVATED OR POTHOLED) BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK, AND ANY DISCREPANCY IS TO BE BROUGHT TO THE ATTENTION OF THE DEVELOPER'S ENGINEER FOR CORRECTION AND THEN SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL. ALL PROPOSED CHANGES TO THE "APPROVED" PLANS MUST BE REVIEWED AND SIGNED BY THE DISTRICT PRIOR TO THE INSTALLATION OF SUCH CHANGES AND SHALL BE INCORPORATED INTO THE "ORIGINAL" PLANS.
- THE CONTRACTOR SHALL OBTAIN THE DISTRICT'S APPROVAL FOR THE INSTALLATION OF ANY OTHER UTILITY TO BE INSTALLED WITHIN ANY DISTRICT EASEMENT. THE APPROVAL MUST BE OBTAINED PRIOR TO INSTALLATION AND MUST BE INSPECTED BY THE DISTRICT'S INSPECTOR.
- BEFORE THE WORK IS ALLOWED TO BEGIN, THE CONTRACTOR IS TO CONTACT THE DISTRICT'S ENGINEERING DEPARTMENT AT (760) 597-3116 TO DETERMINE WHEN OR IF WORK CAN BEGIN AND TO ARRANGE A PRE-CONSTRUCTION MEETING WITH THE DISTRICT'S ENGINEERING INSPECTOR AT (760) 597-3126. INSPECTION REQUESTS SHALL BE MADE AT LEAST 24 HOURS IN ADVANCE.
- THE DISTRICT REQUIRES ALL NEW AND EXISTING WATER LINES TO HAVE 36 TO 42 INCHES OF FINAL COVER OR A MINIMUM OF 24 INCHES OF COVER FROM THE BOTTOM OF THE SUB-GRADE, WHICHEVER IS GREATER. THE 24-INCH COVER DOES NOT RELIEVE THE CONTRACTOR FROM LOCATING AND PROTECTING EXISTING UTILITIES DURING CONSTRUCTION. THE DISTRICT SHALL BE NOTIFIED WHEN STREET STRUCTURAL SECTIONS ARE DETERMINED BY THE APPROPRIATE ROAD AGENCY HAVING JURISDICTION OVER THE STREET. THE CONTRACTOR SHALL, AT HIS SOLE EXPENSE, COMPLY WITH THAT AGENCY'S REQUIREMENTS AND OBTAIN THE DISTRICT'S WRITTEN APPROVAL ON THE PLANS OF ANY COVER CHANGES BEFORE THE INSTALLATION OF THE WATER LINE OR BEFORE REMOVING EXISTING COVER.
- UNAUTHORIZED CONNECTIONS TO THE DISTRICT'S WATER SYSTEM FOR CONSTRUCTION WATER OR ANY OTHER PURPOSE IS STRICTLY FORBIDDEN AND ARE SUBJECT TO ENFORCEMENT UNDER THE DISTRICT'S RULES AND REGULATIONS. THE CONTRACTOR WILL BE CHARGED A MINIMUM FEE (REFER TO CURRENT FEE SCHEDULE) FOR EACH UNAUTHORIZED CONNECTION AS THE ESTIMATED AMOUNT OF WATER USED THROUGH ANY UNAUTHORIZED CONNECTION AND THE DISTRICT MAY CONFISCATE ANY HOSES, VALVES OR OTHER APPURTENANCES USED TO MAKE ANY UNAUTHORIZED CONNECTION.
- ANY PROPOSED FENCING OR GATES WITHIN DISTRICT RIGHT-OF-WAY MUST BE IDENTIFIED ON THE IMPROVEMENT/GRADING PLAN AND DISTRICT ACCESS COORDINATED PER THE DISTRICT'S REQUIREMENTS. FENCES WILL NOT BE PERMITTED ACROSS THE EASEMENT UNLESS GATES SATISFACTORY TO DISTRICT ARE PROVIDED AND MAINTAINED BY OWNER FOR DISTRICT USE.
- THESE PLANS ARE SUBJECT TO ADDITIONAL WATER NOTES CONTAINED IN THE "STANDARD SPECIFICATIONS." THOSE NOTES WILL ALSO BE DISPENSED TO THE CONTRACTOR AT THE REQUIRED PRECONSTRUCTION MEETING.



NO.	DESCRIPTION	CITY	DATE	VID	DATE

SITE DEVELOPMENT PLAN EXPIRES: _____
THIS PLAN IS VALID FOR 2 YEARS FROM APPROVAL

STORMWATER
INSPECTION PRIORITY _____ VOID NO. _____

CITY of VISTA

IMPROVEMENT PLANS FOR: _____

ADDRESS: _____

APPROVED _____ 70128 9/30/20 _____ SHEET ____ OF ____
FOR CITY ENGINEER RCE EXPIRES DATE DATE

BENCH MARK: _____ DWG-XXXX