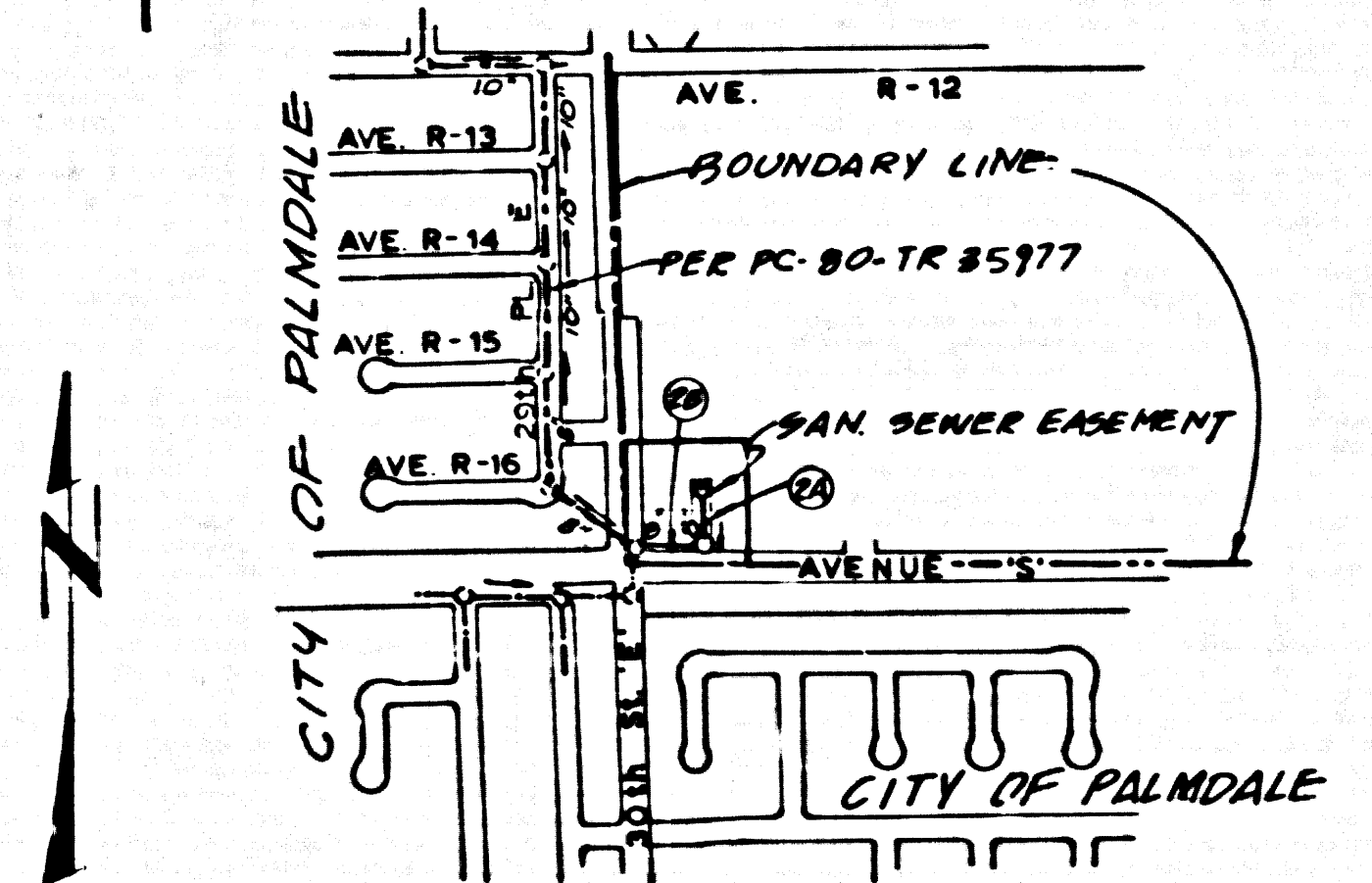


**B.M. CL 658 ELEV. 2668.977**  
 CS MON IN WELL 20 IN DN AT C/L  
 INT AVE S AND 30TH ST E MKD  
 (CO SURV 31 32 & TEN TSN R11W)  
 USE W EDGE  
 PALMDALE QUAD. 19 50

REVISION NO. 1 DATE 5/6/88  
 THE ALIGNMENT OF THE SEWER MAIN WAS CHANGED ON  
 PAGE 2 FROM STA. 1+02 TO 3+06.49 DUE TO CONFLICTS  
 WITH EXISTING UTILITY LINES IN AVENUE 'S'.  
 APPROVED: [Signature]  
 DEPARTMENT OF PUBLIC WORKS/RE. NO.



NOTE: NUMBERS IN CIRCLES  
 INDICATE PAGE NUMBERS  
**INDEX MAP**  
 P.C. 10787 P.M. NO. 18111  
 SCALE 1"=600'

THE CITY OF PALMDALE ACCEPTS SEWER CONNECTION  
 IN CONJUNCTION WITH THE CONSTRUCTION OF THIS  
 PROJECT.  
 REVIEWED BY: [Signature] 1-26-88

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES  
 SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL  
 A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN  
 ISSUED BY THE SANITATION DISTRICTS FOR SAID COUNTY.  
 BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY  
 SANITATION DISTRICT SEWER AND PRIOR TO FINAL  
 ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT  
 INSPECTOR SHALL BE NOTIFIED BY PHONE (805) 947-5027  
 SO THAT REQUIRED INSPECTION CAN BE MADE.

**GENERAL NOTES:**

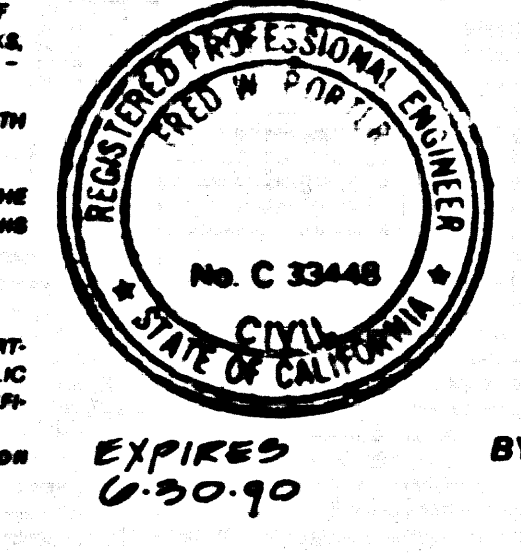
- ELEVATIONS ARE IN FEET ABOVE M.S.L. & U.S. SEA LEVEL, DATUM OF 1988.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- NO REPRESENTATION OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF FREEBOARD LATERALS AND POINTS ON PROFILES. ALL POINTS BETWEEN DESIGNATED POINTS SHALL BE ESTABLISHED AS TO CORRECTION TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH BRIDGE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH "X" MARKS PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THIS PLAN. HOUSE LATERALS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE AT ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
- THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
- BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONTR. DIV. OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, PERMIT OF FICE NO. \_\_\_\_\_ AND PAY A FEE TO THE DEPARTMENT OF PUBLIC WORKS, 2340 NILES STREET, PALMDALE, CALIF. 93550 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN EXISTING HIGHWAYS, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 100 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR OF THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
- REFER TO SECTION 2.4.4 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY CHANGES.
- PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONTR. DIV. OF THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FOR THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 900 S. FERRIS AVE., PALMDALE, CALIF. 93550 BASED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 90 DAYS PRIOR TO CANCELLATION OF POLICY.

**CONSTRUCTION NOTES:**

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION THIRD EDITION WITH THE LATEST SUPPLEMENTS AND CITY OF PALMDALE PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS BY TELEPHONE (818) 488-3149, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH SEWERETS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- WIRE OR BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE SEWERS EXCEPT AS NOTED.
- ALL TRENCHES SHALL BE OTHER THAN SEWER MANHOLES PER S-2.00 PRECAST PRECAST CONCRETE SEWER MANHOLES PER STANDARD SPECIFICATIONS.
- PROPOSED STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED AREAS OF SOIL TO BE SET IN ACCORDANCE WITH PREVIOUS GRADE.
- WITHEDED CLAY PIPE JOINTS SHALL BE TYPE "B" OR "C" PER STANDARD SPECIFICATIONS SECTION 208-6.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-2.01 CASE B TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOLE IN LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-2.01 CASE B UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEDED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BACKFILL AS NECESSARY PER STANDARD SPECIFICATIONS SECTION 208-6.
- SEWERS TO BE INSTALLED PER SECTION 208-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- REPLACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 208-1.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPLETION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- SPECIAL BACKFILL IN EXISTING CONCRECTION IN BACKFILL TRENCH AND REPLACE OTHER BACKFILL SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADE AND SLOPES SHOWN ON THE GRADE SHEET APPROVED FOR THE DEVELOPMENT BY THE L.A. COUNTY SANITATION DIVISION. ALL BACKFILL AND SAND REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.T.M. 5TH METHOD OF TEST UNLESS OTHERWISE APPROVED. ACCEPTABLE CERTIFICATION OF BACKFILL COMPLETION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, DEPT. OF PUBLIC WORKS.

PROFILE ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN

**PARCEL MAP NO. 18111**  
**PRIVATE CONTRACT NO. 10787**  
 INDEX NO. A-144, G-5, 6  
 1 SHEET ; 2 PAGES

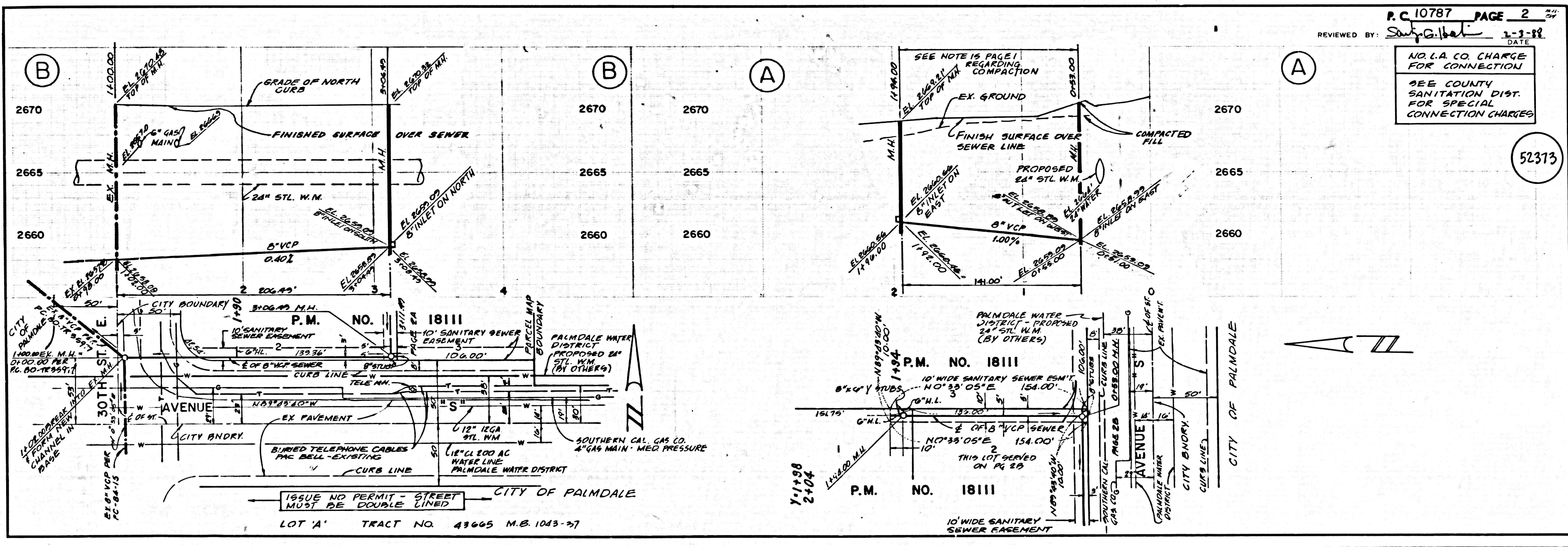


SCALE: VERT. 1"=4'  
 HORIZ. 1"=40'  
 DECEMBER 8, 1987  
 PREPARED IN THE OFFICES OF  
 DE WALT - PORTER  
 2340 NILES STREET BAKERSFIELD, CA 93306  
 PHONE (805) 871-3300  
 BY: [Signature]  
 REG. C.E. NO. 33448  
 EXP. 6-30-90

THE FOLLOWING LATEST REVISION STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY TO THE CONSTRUCTION OF THIS PROJECT.

LEGEND	0-7
MINIMUM PUBLIC SAFETY REQUIREMENTS	0-8
SEWER MANHOLE	0-9
STANDARD MANHOLE STEP	0-17
RECORDS FOR SEWER PIPE	0-21
CONDUIT AND ENCASUREMENT	0-22
WIRE OR TIE SUPPORT	0-23
ALLOWABLE TRENCH WIDTHS	0-24
LOADING MANHOLE FRAME AND COVER	0-25
NON-REINFORCED PRECAST CONCRETE SEWER MANHOLE	0-26

COUNTY OF LOS ANGELES, CALIFORNIA  
 THOMAS A. TIDEMANSON  
 DIRECTOR OF PUBLIC WORKS  
 APPROVED: [Signature] 2/1/88  
 CHARLES W. CARRY  
 CHIEF ENGINEER  
 CO. SAN DIST. NO. 20  
 APPROVED: [Signature] 1/23/88  
 OFFICE ENGINEER  
 REG. C.E. NO. 13,116  
 PALMDALE BLDG. DIST. 8.1



P.C. 10787 PAGE 2  
 REVIEWED BY: [Signature] 1-2-88  
 DATE  
 NO. L.A. CO. CHARGE  
 FOR CONNECTION  
 SEE COUNTY  
 SANITATION DIST.  
 FOR SPECIAL  
 CONNECTION CHARGES