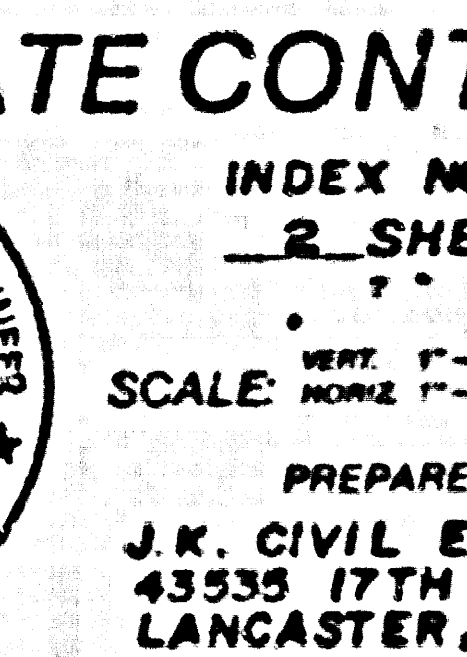
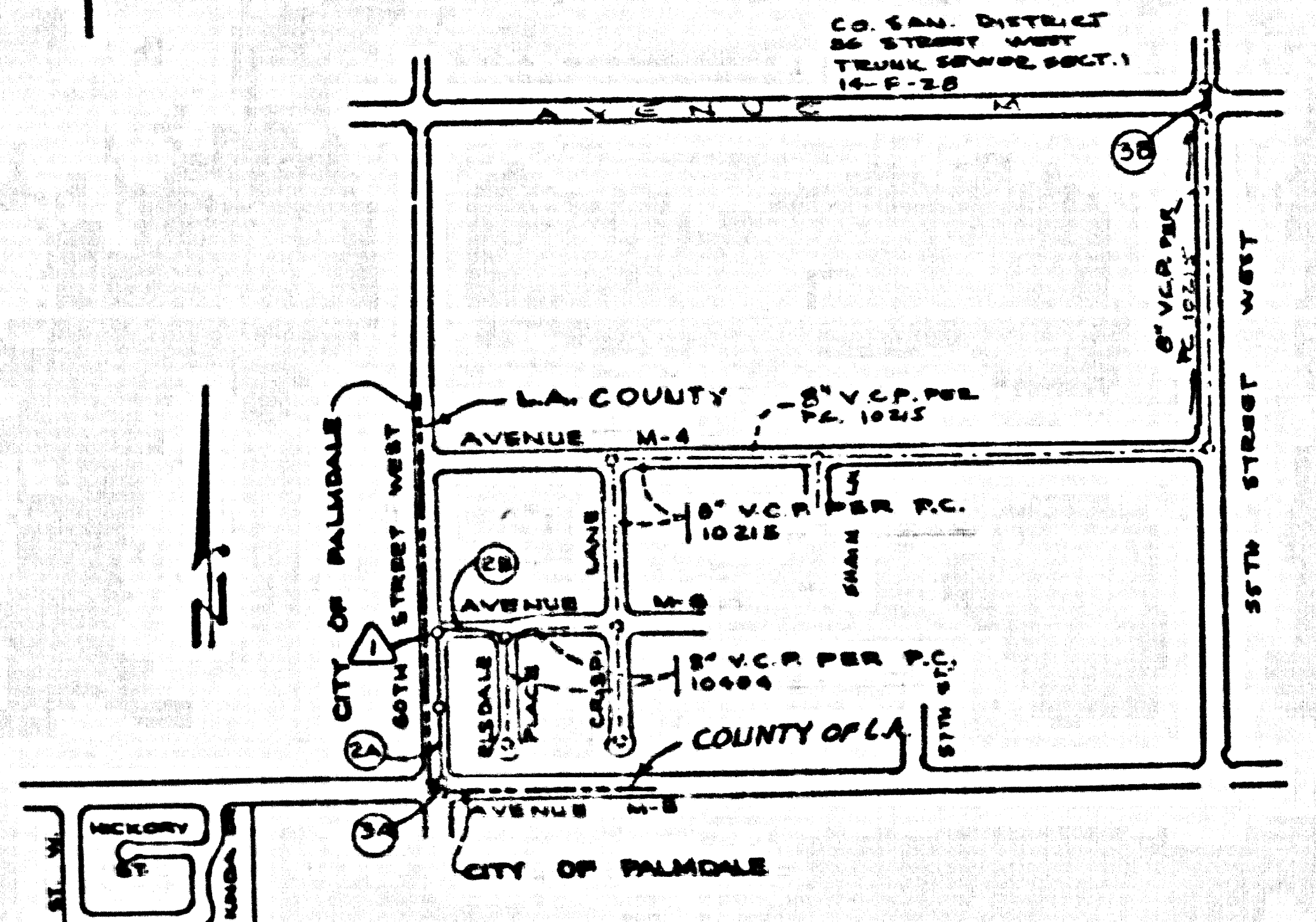


SANITARY SEWERS TO BE CONSTRUCTED IN AVENUE M-8 & 60TH STREET WEST



PRIVATE CONTRACT NO. 10500 INDEX NO. A292 2 SHEETS, 3 PAGES SCALE: HORIZ. 1" = 40' VERT. 1" = 4' APRIL 26, 1989 PREPARED IN THE OFFICES OF J.K. CIVIL ENGINEERING 43535 17TH STREET WEST, SUITE 402 LANCASTER, CA 93534 TEL: (805) 948-8005 BY: M. R. Mavers REG. C.E. NO. 30661

B.M. CL. 401 ELEV. 2613.968 ON MON. W. W. 12 IN DNAT CA INT. 60TH ST. W. & AVE. M-8 MK'D 1/4 COR. SECT. 2 & SECT. 5 T4N R13 W PALMDALE QUAD. 1929



NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS. INDEX MAP RC. 10500 AVS. M-8 & 60TH STREET WEST SCALE: 1" = 600' TS 17-8-2

REVISION: RELOCATED MANHOLE @ INTERSECTION OF 60TH ST. WEST & AVE. M-8, 12.00 FT. SOUTH ON PAGE 2B. BY: M.R. MAVERS DATE: 4-14-90 M.R. MAVERS & ASSOCIATES INC. REG. C.E. NO. 30661 DATE: 4-17-90 APPROVED: [Signature] DATE: [Blank]

NOTICE TO CONTRACTOR: SEWER SERVICE MUST BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

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) 942-5027 SO THAT THE REQUIRED INSPECTION CAN BE MADE.

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 CONNECTION.

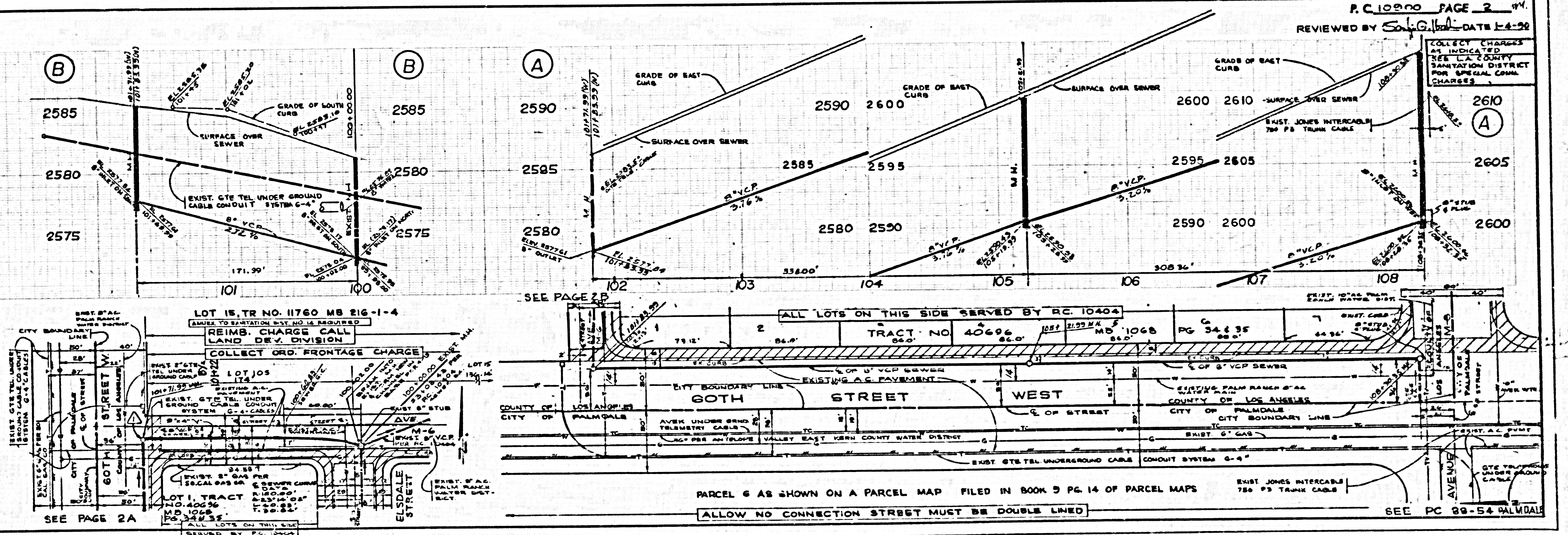
- GENERAL NOTES: 1. ELEVATIONS ARE IN FEET - ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929. 2. NO WORK SHALL BE DONE IN THESE PLACES WITHOUT THE APPROVAL OF PUBLIC WORKS. 3. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK. 4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS OF THE INTERSECTIONS. THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS. 5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH DRAINAGE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "C" OR "D" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLACES MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT LINE UNLESS OTHERWISE NOTED. THE GRADE SHALL BE RECHECKED BY SHOWING ON THE PLANS HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER ANY CHANGE IN ALIGNMENT SHALL BE INDICATED IN WRITING BY THE PRIVATE ENGINEER. 6. 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. 7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 6, AND PAY FEE TO THE DIRECTOR OF PUBLIC WORKS, NO. 5, FREEDOM AVENUE, ALHAMBRA, CALIFORNIA 91801 - 5TH FLOOR TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS. 8. IF WORK IS TO BE DONE IN A STATE HIGHWAY A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA. 9. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION 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. 10. REFER TO SECTION 7 & 8.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS. 11. 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 CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 6, AND PAY FEE TO THE DIRECTOR OF PUBLIC WORKS, NO. 5, FREEDOM AVENUE, ALHAMBRA, CALIFORNIA 91801 - 5TH FLOOR. THESE COPIES SHALL BE FILED WITH THE DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 6, AND PAY FEE TO THE DIRECTOR OF PUBLIC WORKS, NO. 5, FREEDOM AVENUE, ALHAMBRA, CALIFORNIA 91801 - 5TH FLOOR. THESE COPIES SHALL BE FILED WITH THE DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 6, AND PAY FEE TO THE DIRECTOR OF PUBLIC WORKS, NO. 5, FREEDOM AVENUE, ALHAMBRA, CALIFORNIA 91801 - 5TH FLOOR. THESE COPIES SHALL BE FILED WITH THE DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. 6, AND PAY FEE TO THE DIRECTOR OF PUBLIC WORKS, NO. 5, FREEDOM AVENUE, ALHAMBRA, CALIFORNIA 91801 - 5TH FLOOR.

- CONSTRUCTION NOTES: 1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1986 EDITION) AND DEPARTMENT OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED JULY 26, 1987 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS. 2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (805) 942-5027 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT. 3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED. 4. SIZE OF THE BRANCHES MAY BE USED FOR CONNECTIONS TO SANITARY SEWERS EXCEPT AS NOTED. 5. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER 9-0 OR PRECAST CONCRETE SEWER MANHOLES PER 9-0 EXCEPT AS NOTED. 6. PROTECT STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE. 7. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE 26 INCHES ABOVE FINISHED GRADE. 8. UNIMPROVED CLAY PIPE JOISTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 200-2. 9. IF A HOUSEHOLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 9-0 IN CASE A TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE. 10. 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 HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 9-0 IN CASE A UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS. 11. ALL JOISTS BETWEEN CAST IRON PIPE AND UNIMPROVED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" PER 17-0 WITH GUARDS IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 200-2. 12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS. 13. REPAIRS TO ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS. 14. FULL COMPLIANCE WITH SECTION 200-1.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND REMOVAL TESTS BY QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE. 15. SPECIAL BACKFILL IN EXISTING CONSTRUCTION (AS BACKFILL TRENCH AND REPLACE OTHER EARTH) SO AS TO ACHIEVE THE NATURAL OR PREVIOUS GRADES AND SLOPES SHOWN ON THE ORIGINAL PLANS APPROVED FOR THE DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION OF ALL BACKFILL AND EARTH PLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.M.T. METHOD OF TEST D693 EPT AS MODIFIED ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPARTMENT.

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LETINGS	9-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	9-2
BRICK SEWERS	9-3
STANDARD MANHOLE STEP	9-17
BEDDING FOR SEWER PIPE	9-21
CRADLING AND ENCASEMENT	9-22
PIPE OR TEE SUPPORT	9-23
ALLOWABLE TRENCH WIDTHS	9-24
LOCKING MANHOLE FRAME AND COVER	9-25
NON-REINFORCED PRECAST CONCRETE SEWER MANHOLES	9-26
BRICKMANHOLE WITH SEWER MANHOLE	9-27

COUNTY OF LOS ANGELES, CALIFORNIA THOMAS A. TIDEMANSON DIRECTOR OF PUBLIC WORKS CHARLES W. CARR CHIEF ENGINEER APPROVED: [Signature] 1/5/90 DATE: [Blank] APPROVED: [Signature] 1/25/90 DATE: [Blank] REG. C.E. NO. 18116 ANTELOPE VALLEY B.04 DIST. 8



PARCEL 6 AS SHOWN ON A PARCEL MAP FILED IN BOOK 3 PG. 14 OF PARCEL MAPS. ALLOW NO CONNECTION STREET MUST BE DOUBLE LINED. SEE PC 99-54 PALMDALE

0000103 T2W T2 HT03 & 8-M EVA

COLLECT CHARGES AS INDICATED
SEE LA COUNTY SANITATION DISTRICT FOR SPECIAL CONN CHARGES.

