

B.M. 4483 ELEV. 492.917
 20.24' IN CURB (C.V.) WEST OF NORTHWESTERLY
 B.C.R. 22.17' WEST OF CENTERLINE OF TURN-
 BULL CANYON ROAD 1/2 TRACT OF CENTERLINE
 OF ORANGE GROVE AVENUE.
 WHITTIER QUAD. 1980

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS:

THE EXISTENCE AND APPROXIMATE LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS, TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES OR STRUCTURES EXCEPT AS SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID UTILITIES AND/OR STRUCTURES, NOR AS TO THE EXACT LOCATION OF SAID UTILITIES AND/OR STRUCTURES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITIES AND/OR INVESTIGATION COMPANIES PRIOR TO WORK OF EXCAVATION TO DETERMINE EXACT LOCATIONS OF ALL LINES AFFECTING THIS WORK, WHETHER OR NOT SHOWN HEREON, AND FOR ANY DAMAGE OR PROTECTION TO THESE LINES.

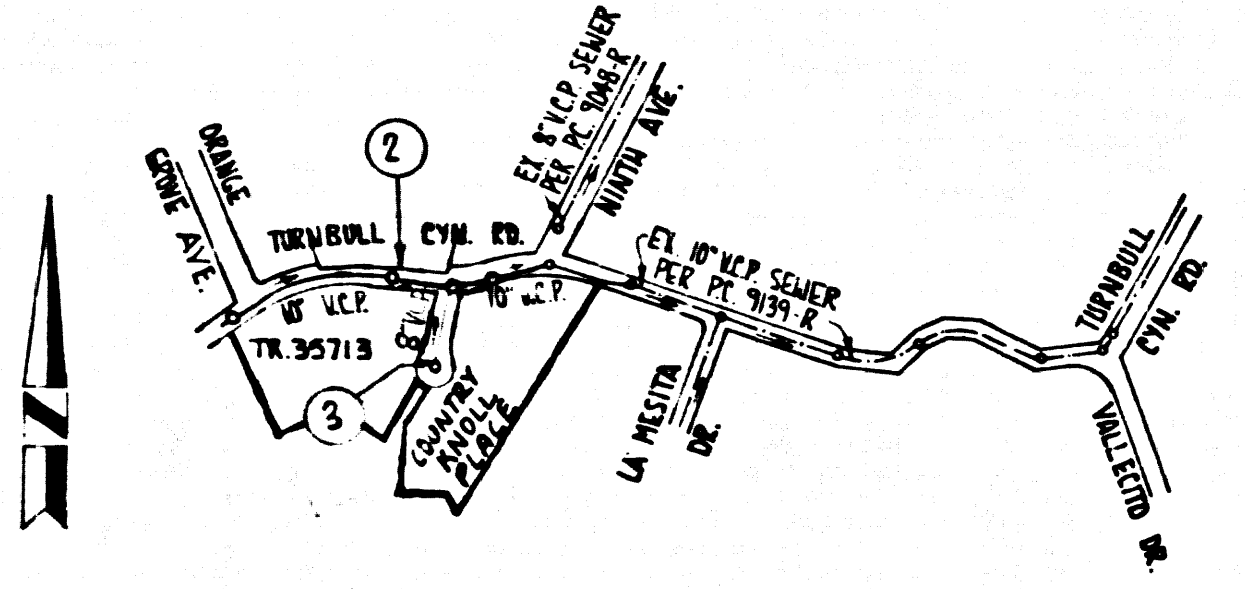
CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH REGULATIONS OF THE U.S. DEPARTMENT OF LABOR OR THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, CONSTRUCTION SAFETY ORDERS.

THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCONTRACTORS' COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH REGULATIONS OF THE U.S. DEPARTMENT OF LABOR OR THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, CONSTRUCTION SAFETY ORDERS.

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS RESPONSIBILITY SHALL BE ASSUMED CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE ENGINEER SHALL BE HELD HARMLESS FROM ANY AND ALL HOLD THE OWNER AND IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, INCLUDING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

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.

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 (818) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.



INDEX MAP
 SCALE: 1" = 100'
 P.C. 10826 TRACT NO. 35713

NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

REVISION NO.	DATE	DESCRIPTION
1	04-28-88	1. POLARITE M.B. 30-14-86 & 33-1-86
2	04-28-88	2. REMOVE HOUSE LATERAL FROM LOT 8
3	04-28-88	3. ADD HOUSE LATERAL TO LOT 8

DOUBLE SCALE

GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
3. NO REPRESENTATIVES OF THE CITY 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. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREET, OR CENTER LINE OF ALLEY ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS BETWEEN DESIGNATED POINTS 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 LAYOUT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN 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 REQUESTED 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. CONT'D. IN TURNBULL CANYON ROAD.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL HOUSE LATERALS FROM THE CENTER LINE OF THE MAIN LINE SEWER TO THE HOUSE LATERAL. THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN THE COURSE OF PUBLIC WORKS FROM THE CHIEF ENGINEER OF PUBLIC WORKS AT 610 E. LINCOLN AVENUE, LOS ANGELES, CALIFORNIA, 90015. PERMIT NO. 610-1 AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS 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, 130 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 OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY, PIPE, OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT. THIS NOTICE APPLIES TO ALL PAGES.
10. REFER TO SECTION 1-1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY CODES.
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONNECTION PERMIT, THE CONTRACTOR SHALL OBTAIN FROM THE COUNTY OF LOS ANGELES A PERMIT TO EXCAVATE IN THE COURSE OF PUBLIC WORKS FROM THE CHIEF ENGINEER OF PUBLIC WORKS AT 610 E. LINCOLN AVENUE, LOS ANGELES, CALIFORNIA, 90015. PERMIT NO. 610-1 AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL HOUSE LATERALS FROM THE CENTER LINE OF THE MAIN LINE SEWER TO THE HOUSE LATERAL. THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN THE COURSE OF PUBLIC WORKS FROM THE CHIEF ENGINEER OF PUBLIC WORKS AT 610 E. LINCOLN AVENUE, LOS ANGELES, CALIFORNIA, 90015. PERMIT NO. 610-1 AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.

CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (S.S. 2017) WITH THE EXCEPTIONS LISTED IN THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS.
2. THE CONTRACTOR SHALL NOTIFY THE SANITATION DISTRICT BY TELEPHONE, (818) 962-8605 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WYE OR TEE MANHOLES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S.S. 2017, EXCEPT AS NOTED.
6. PROVIDE 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 SIX INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B" OR "D" PER STANDARD SPECIFICATIONS SECTION 300-2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S.S. 2017, 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 S.S. 2017, UNLESS OTHERWISE APPROVED BY THE SANITATION DISTRICT.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SEAL JOINT, TYPE "C" OR "D", WITH RUBBERING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 300-2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.6 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. RECONSTRUCT ALL TRENCHES WITHIN PAVED AREAS TO MEET LA COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 306-1.8 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPLETION AND SUFFICIENCY BY A QUALIFIED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF FINAL ACCEPTANCE.
15. SPECIAL BACKFILL IN CEMENTED CONSTRUCTION: (A) BACKFILL: TRENCH AND PERMANENT OTHER EXIST. SHALL BE TO MAINTAIN THE ORIGINAL OR FINISHED GRADE AND SLOPE. SHOWING OF THE FINISHED GRADE AND SLOPE SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (B) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (C) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (D) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (E) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (F) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (G) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (H) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (I) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (J) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (K) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (L) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (M) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (N) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (O) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (P) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (Q) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (R) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (S) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (T) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (U) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (V) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (W) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (X) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (Y) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE. (Z) BACKFILL: SHALL BE OBTAINED BY A MINIMUM OF 90% OF THE FINISHED GRADE AND SLOPE.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1

TO BE CONSTRUCTED IN
 TRACT NO. 35713
 PRIVATE CONTRACT NO. 10826

INDEX: 1/2
 2 SHEETS, 3 PAGES

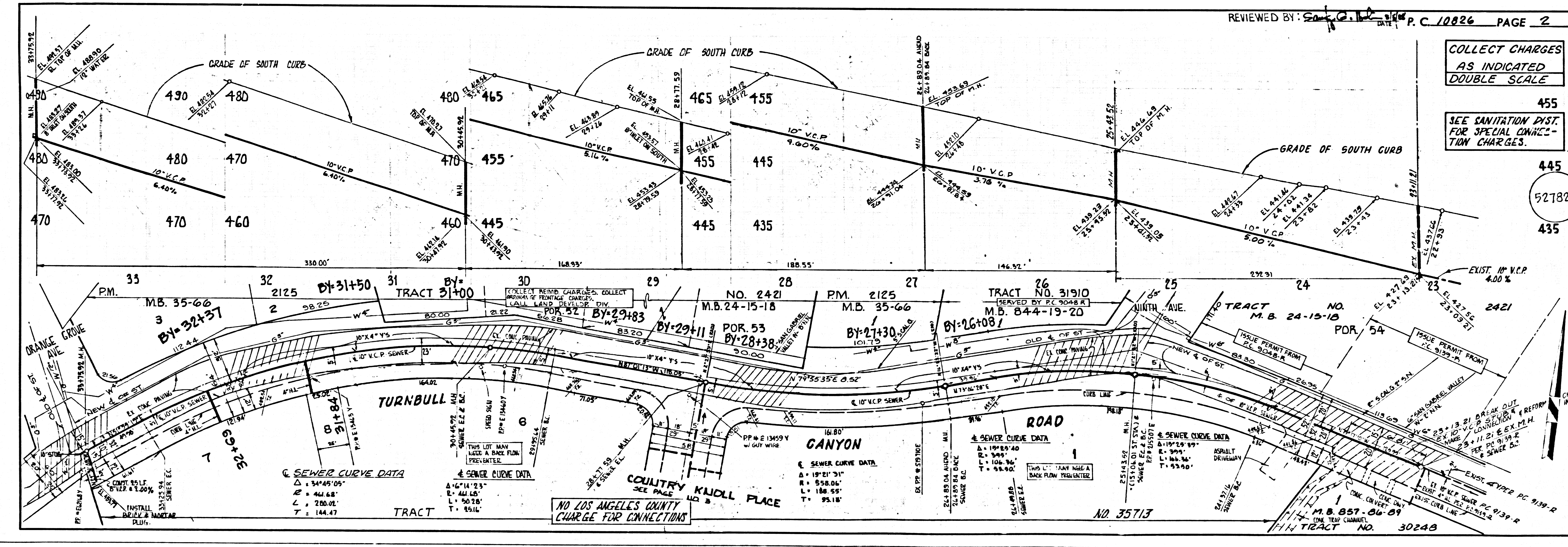
SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'
 JULY 1988
 PREPARED IN THE OFFICES OF
raab engineering, inc.
 610 E. LINCOLN AVENUE
 LOS ANGELES, CALIFORNIA 90015
 BY: [Signature]
 MAX L. RAAB, E.C.E. 2/6/16
 D.P. 3/31/79

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:

REVISION	DESCRIPTION	DATE
1	STANDARD PUBLIC SANITARY APPOINTMENTS	8-1
2	BRICK SEWER MANHOLE	8-2
3	STANDARD MANHOLE STEP	8-7
4	MANHOLE FOR SEWER PIPE	8-27
5	CASTING AND ENCASUREMENT	8-28
6	WYE OR TEE SUPPORT	8-28
7	ALLOWABLE TRENCH WIDTHS	8-28
8	LOADING MANHOLE FRAMES AND COVERS	8-28
9	NON-REINFORCED PRECAST CONCRETE SEWER MANHOLE	8-28

COUNTY OF LOS ANGELES, CALIFORNIA

T. JAMES A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARY, CHIEF ENGINEER
 APPROVED: [Signature] 8/28/88
 APPROVED: [Signature] 8/28/88
 CHECKED: [Signature] 8/25/88
 M.B. 30-14-86
 LA PUENTE BLDG. DIST. 2,00



COLLECT CHARGES AS INDICATED DOUBLE SCALE

SEE SANITATION DIST. FOR SPECIAL CONNECTION CHARGES.

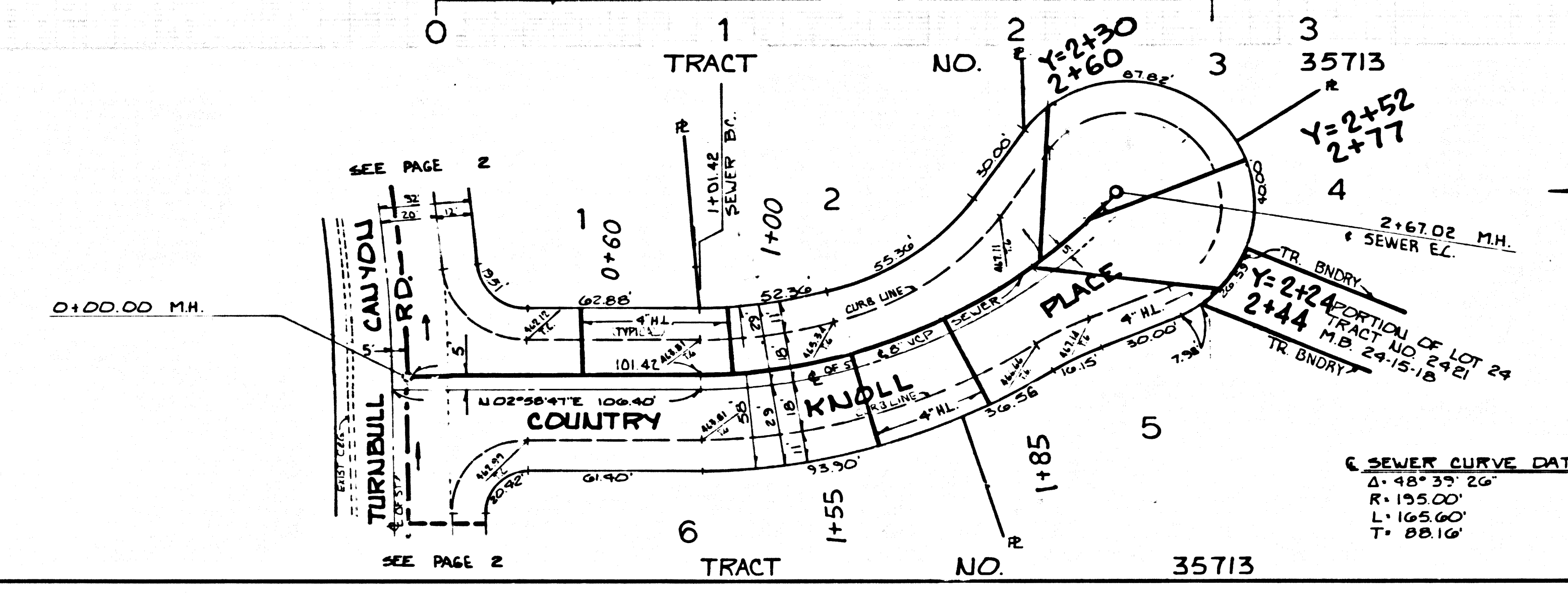
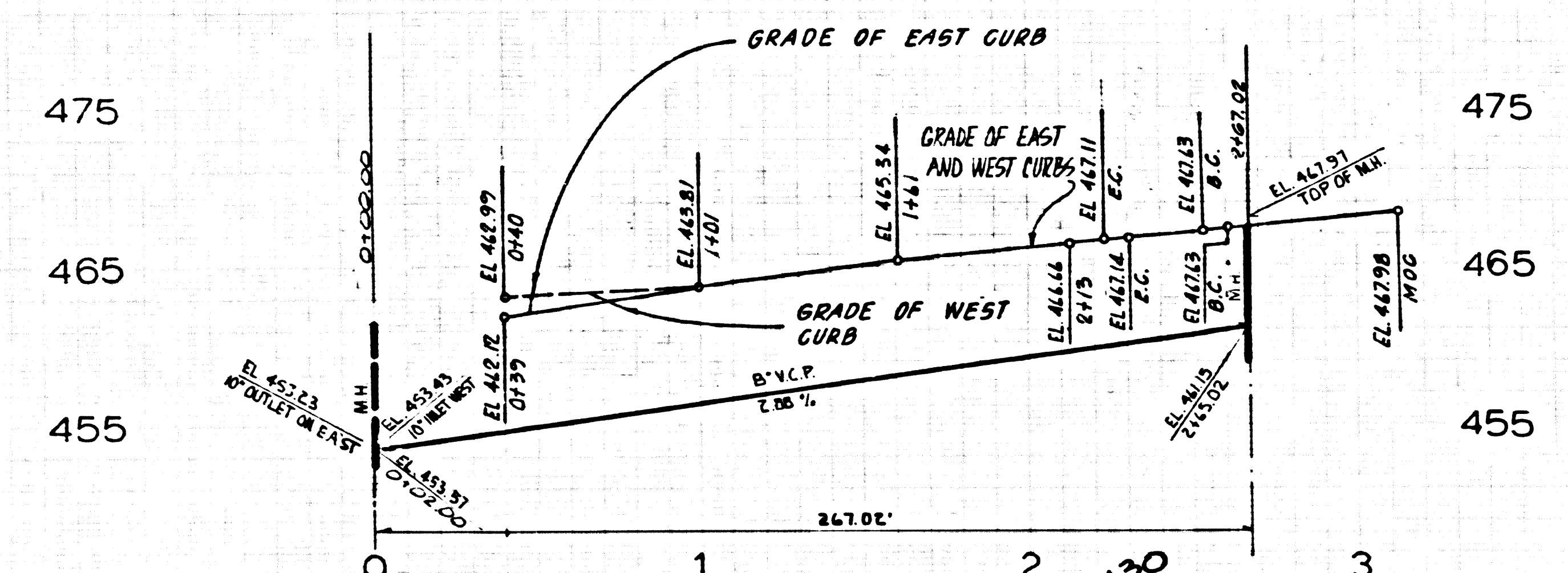
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 BC 10826 29

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REVIEWED BY *Saty C. [Signature]* PC 10826 PAGE 3
 DATE 8/1/88

NO LOS ANGELES COUNTY
 CHARGES FOR CONNECTIONS
 SEE SANITATION DISTRICT
 FOR SPECIAL CONNECTION
 CHARGES.
 DOUBLE VERTICAL SCALE.

52783



— PAGE —

TRACT NO 32713 PC 10826