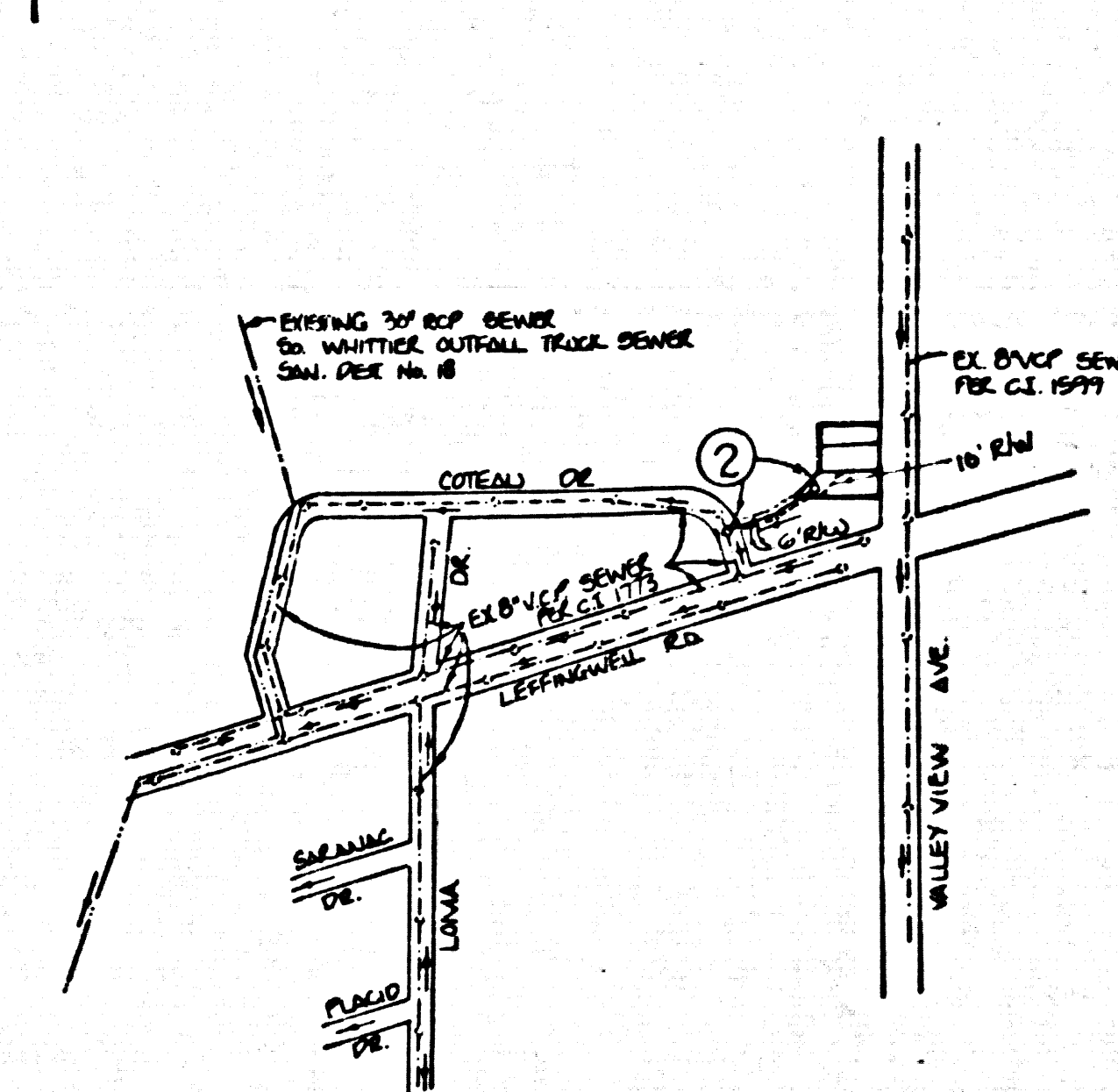


B.M. C.Y. 8629 ELEV. 157.478
 L.A. DN. N. C.S. 1' 36" B.C.R. @ S.E. COR.
 VALLEY VIEW AVE. & LEFFINGWELL RD.
 GO' 56 & 42' E16 & INT.
 L.A. MIRADA QUAD. 1980 (A01)

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS
 Contractor 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; that this requirement shall apply continuously and not be limited to normal working hours; and that the contractor shall defend, indemnify and hold the Owner and the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting for liability arising from the sole negligence of the Owner or the Engineer. The existence and approximate locations of underground utilities or structures shown on these plans was determined by a search of available public records. To the best of our knowledge there are no existing underground utilities or structures shown on these plans. The contractor is required to take due precautionary measures to protect the utilities or structures shown and any other utilities or structures not of record or not shown on these plans.

Robert R. Filow
 Robert R. Filow R.C.E. 11349



NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER

INDEX MAP
 R/W WEST OF VALLEY VIEW
 AVE & NORTH OF LEFFINGWELL RD.
 P.C. No. 10065
 SCALE: 1" = 600'

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
- NO HYDRANTS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LOCATE 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, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS 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.
- THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "C" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THESE PROPOSED LOCATIONS WITH STATIONING NEARBY. 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.
- 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 L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 1, AND PAY A FEE TO THE COUNTY ENGINEER, 950 W. VERMONT AVE., LOS ANGELES, CALIF. 90015, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 138 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 OF OR 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 7.18.6.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
- BEFORE THE COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE LOS ANGELES COUNTY ENGINEER, COPIES OF A PERMIT TO EXCAVATE, IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT, A PERMIT FOR LOCATIONS IN TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY, AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF COUNTY ENGINEER, 950 W. VERMONT, LOS ANGELES, CALIF. 90015. ROOM 404, INMAY BE THE CERTIFICATE HOLDER. TO BE NOTIFIED SO EARLY AS TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1977 EDITION) WITH RESPECT TO SUPPLEMENTAL AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS BATED SECTION 7.18.6.1. AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY PHONE AT 158-2756, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- "C" OR "T" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED. "C" OR "T" BRANCHES SHALL BE INSTALLED WITH 18" OR 24" PRECAST CONCRETE MANHOLES PER 7.18.6.1, EXCEPT AS NOTED.
- PROVIDE 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 PORTIONS OF WAY TO BE 22 INCHES ABOVE FINISHED GRADE.
- VERTICAL CURVE JOINTS SHALL BE TYPE "B", OR "C" PER STANDARD SPECIFICATIONS SECTION 306-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 7.18.6.1, CASE 2, 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 HOUSE LATERAL "C" OR "T" PIPE WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 7.18.6.1, CASE 2, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH RUBBER GASKETS PER STANDARD SPECIFICATIONS SECTION 306-2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-3.3 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 306-1.5.B OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION 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.

IS SPECIAL BACKFILL IN EXISTING CONSTRUCTION: (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SURFS SHOWN ON THE GRADE PLAN APPROVED FOR THE DEVELOPMENT BY THE PUBLIC AND SAFETY DIVISION. (B) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD OF TESTING D-1557-61T AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

IF FULL COMPLIANCE WITH PART 1E OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.S.S. COMPOSITE PIPE:

(1) MANHOLE WATER TIGHT GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.S.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.

(2) A.S.S. SOLID WALL PIPE MUST BE USED FOR LINES AND HOUSE LATERAL CONNECTIONS TO A.S.S. COMPOSITE MANHOLE SERVICE PIPE.

(3) A.S.S. COMPOSITE PIPE SHALL BE BEDDED IN CONFORMANCE WITH THE RULES IN SECTION 6-5.3 PART 1E OF THE SPECIAL PROVISIONS.

(4) PIPE DEFLECTION FITTING ARE REQUIRED FOR THE RADIUS OF CURVATURE LESS THAN 300' WHEN USING A.S.S.C.P.

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 - 941-8405, 600-8086 SO THAT REQUIRED INSPECTION CAN BE MADE.

TO BE CONSTRUCTED IN
 R/W WEST OF VALLEY VIEW AVENUE
 & NORTH OF LEFFINGWELL ROAD.

PRIVATE CONTRACT NO. 10065

INDEX C-147
 W.S. 34

1 SHEETS, 2 PAGES

49933

SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'

JUNE, 1982

PREPARED IN THE OFFICES OF
 KEMMERER ENGINEERING CO. INC.
 6705 SO. FAINTER AVE. WHITTIER, CALIF. 90608

BY: *Robert R. Filow*
 REG. C. E. No. 11349

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

SEWER	5-1
MINIMUM PUBLIC SAFETY ENCLOSURES	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STEP	5-7
BRIDGING FOR SEWER PIPE	5-8
CLEANING AND ENCLOSURE	5-9
WYE OR THE SUPPORT	5-10
ALLOWABLE TRENCH WIDTHS	5-11
LOCKING MANHOLE FRAME AND COVER	5-12
NON-SERVICES PRECAST CL. CURB MANHOLE	5-14
SEWING ENCLOSURES FOR PLASTIC PIPE	5-15 A

COUNTY OF LOS ANGELES, CALIFORNIA

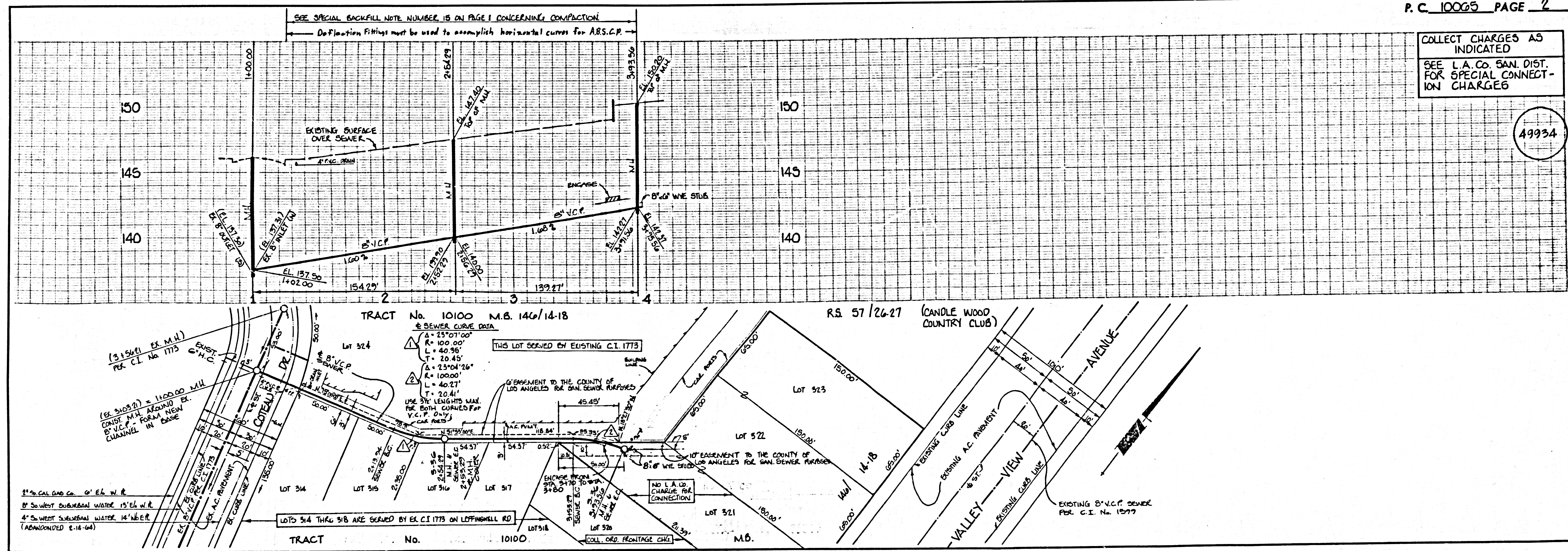
STEPHEN J. KOONCE, COUNTY ENGINEER WALTER E. GARRIDO, CHIEF ENGINEER

APPROVED *Mark M. Magy 7-7-82* APPROVED *Walter E. Garrido*

CHECKED *Edgar David Sandoz 9/7/82*

REG. C.E. NO. 16793

WHITTIER, BLDG. DIST. 11



COLLECT CHARGES AS INDICATED
 SEE L.A. CO. SAN. DIST.
 FOR SPECIAL CONNECTION CHARGES

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