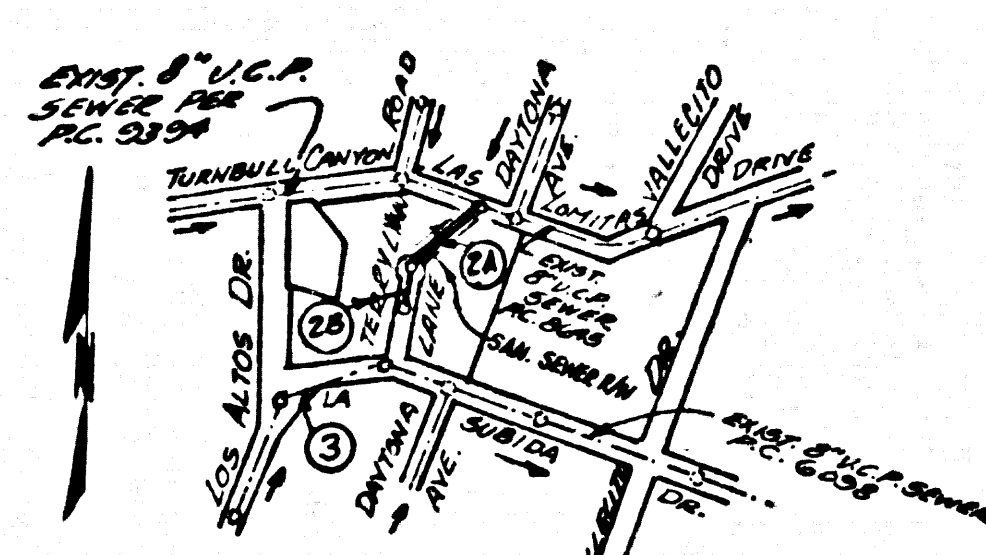


B.M. CG 3190 ELEV. 704.646
 L & N @ COR. Catch Basin - 16 ft. W x 8 ft. D
 Top of Main Canyon Rd. +0.25 M. West of
 4100 Dr. Opp House 2774 Mhd. (B.M.)
 WHITTIER QUAD. 19.75



INDEX MAP
 P.C. 10312-TRACT NO. 38372
 Scale 1"=600'

NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

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 DISTRICT 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 - 901-1801, 438-8888 SO THAT REQUIRED INSPECTION CAN BE MADE.

DOUBLE SCALE

- GENERAL NOTES:
- ELEVATIONS ARE BY FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 - GRADES TO WHICH THE 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 GRADE 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 "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.
 - 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, 1000 S. BOYD ST., AVE., SAN DIMAS, CALIF. 91764. A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE REGIONAL OFFICE, 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, 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 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 7.1.1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 - PRIOR TO THE ISSUANCE OF THE REGULAR ORDER OF CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER'S OFFICE OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT. A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE WITH THE DEPARTMENT OF COUNTY ENGINEER, 800 W. VERMONT AVE., LOS ANGELES, CALIFORNIA 90005, ROOM 400, NAMED AS THE CERTIFICATE HOLDER TO BE OBTAINED 30 DAYS PRIOR TO COMMENCEMENT OF WORK.
 - PERM. OF ALL BELOW FINISHED SURFACE AT E/W LOT LINE INDICATED (C) IN FEET.

- CONSTRUCTION NOTES:
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (FRESH EDITION WITH 1983 SUPPLEMENT) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS BATTER SCHEDULED LISTED AND SHALL BE PROCEEDED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGEMENT DIVISION BY TELEPHONE (213) 758-9566 A LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 5 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - W/T OR T BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-31 OR PRECAST CONCRETE MANHOLES PER 5-31, 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.
 - MANHOLES TO BE IN UNIMPROVED RIGHTS OF WAY TO BE 36 INCHES ABOVE FINISHED GRADE.
 - VENTILATOR CAP JOINTS SHALL BE TYPE "B", "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 306-3.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-31, 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 V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 5-31, CASE 2 UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VENTILATOR CAP PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BACKFILL IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 306-2.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.1 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.
 - FILE COMPLIANCE WITH SECTION 306-1.3 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.
 - SPECIAL BACKFILL REQUIREMENTS FOR CONSTRUCTION:
 - (A) BACKFILL TRENCH AND REPLACE OTHER EARTH REMOVED SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE PLANS AND APPROVED FOR THIS TRACT BY THE BUILDING AND SAFETY DIVISION.
 - (B) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TESTING AND SET AT 100% DENSITY. ACCEPTABLE CERTIFICATION OF SOIL COMPACTION SHALL BE SUBMITTED TO THE PROJECT MANAGEMENT DIVISION.

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS

TO BE CONSTRUCTED IN
 TRACT NO. 38372

PRIVATE CONTRACT NO. 10312

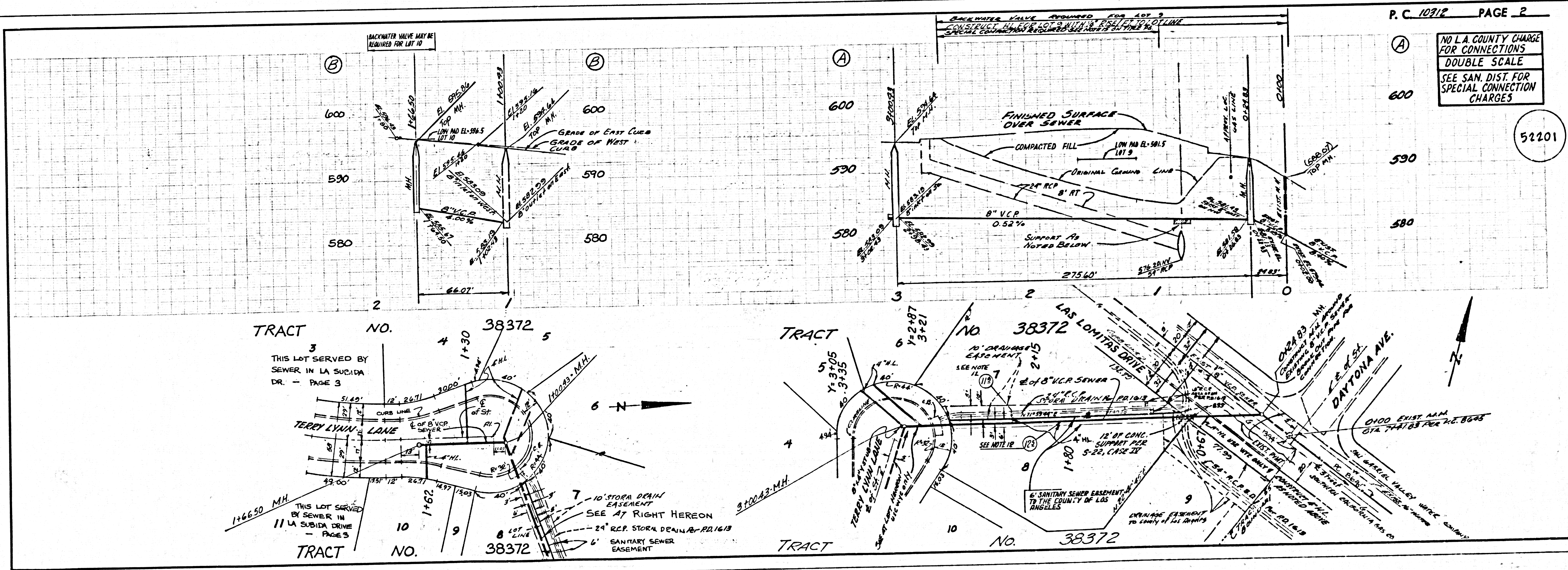
W.S. 37-24
 2 SHEETS, 3 PAGES
 SCALE: VERT. 1"=5'
 HORIZ. 1"=40'
 OCTOBER, 1984
 PREPARED IN THE OFFICES OF
 TRI-STATE ENGINEERING COMPANY
 615 SOUTH RAYMOND AVENUE, FULLERTON, CALIFORNIA 92631
 BY: Robert A. Decker
 REG. C. E. No. 12618

52200

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

LEGEND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLES	5-7
STANDARD MANHOLE STEP	5-21
WOODING FOR SEWER PIPE	5-22
CRADLING AND ENCASEMENT	5-23
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CHIMNEY PIPE AND ENCASE	5-28
SPECIAL SUMMARY AND PROTECTIVE	5-29

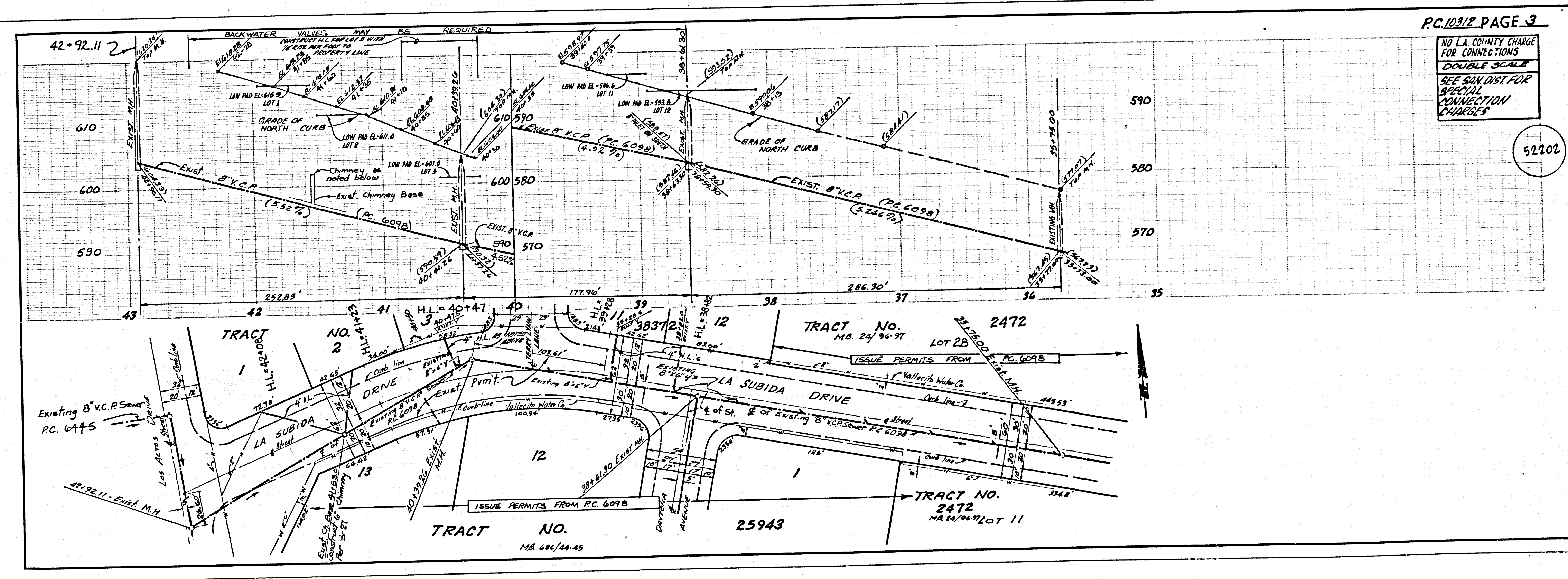
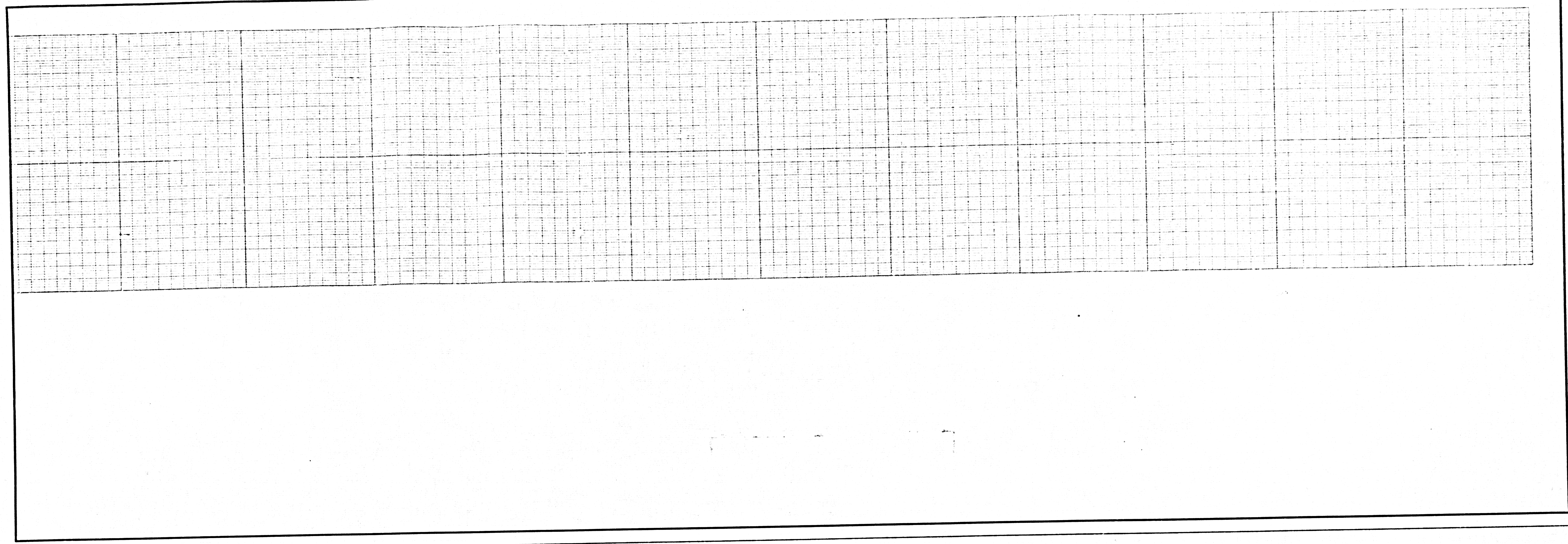
COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. KOONCE, COUNTY ENGINEER
 CHARLES W. CARRY, CHIEF ENGINEER
 APPROVED: [Signature] 10/1/84
 APPROVED: [Signature] 10/1/84
 CHECKED: [Signature] 10-6-84
 REG. C. E. No. 16241
 LA PUENTE BLDG. DIST. 2.00



P.C. 10312 PAGE 2

NO L.A. COUNTY CHARGE FOR CONNECTIONS DOUBLE SCALE SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

52201



PC.10312 PAGE 3
 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 DOUBLE SCALE
 SEE SAN DIST FOR SPECIAL CONNECTION CHARGES

52202