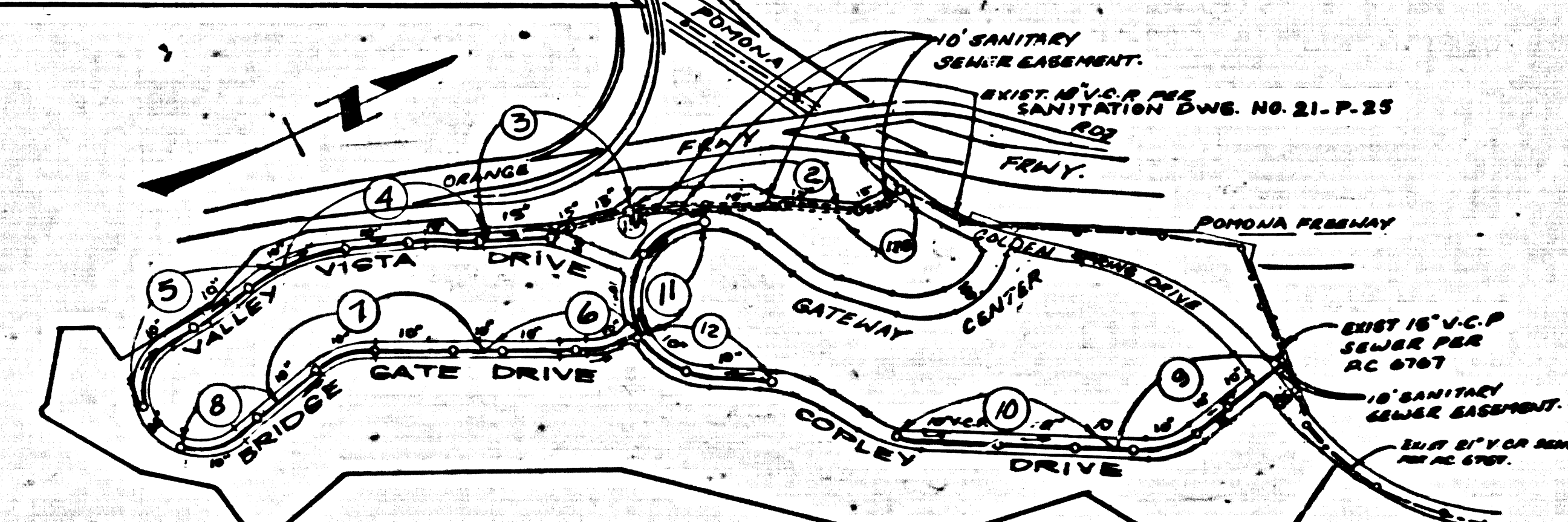


B.M. C.G. 4234 ELEV. 596.974
 RD. B.M. TAG IN CONC. C.B. 3 FT. N/O E END 3 FT.
 S/O E GOLDEN SPRINGS DR. 4.0 MI. E/O BORN C/O
 RD. 30 FT. E/O E DR. 78 STATE OF CALIF. DEPT. OF TRNS.
 V.D. N54°07'00" W 198.0



INDEX MAP
 P.C. 10514 TRACT NO. 39679
 SCALE: 1" = 400'

NOTE: NUMBERS IN CIRCLES INDICATE
 PAGE NUMBERS.

REVISION A-1 DATE: 12/10/86
 REVISED SEWER ALIGNMENT AND GRADES ON
 PAGES 2 & 3. 13B, 13A.
 APPROVED: *James C. Anderson* 1/20/87
 OFFICE OF DIRECTOR OF PUBLIC WORKS

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 OF 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.

DOUBLE SCALE

- GENERAL NOTES:
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN SEA LEVEL DATUM OF 1929.
 - NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE ENGINEER OF PUBLIC WORKS.
 - NO REPRESENTATIVE OF THE EMPLOYER SHALL 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, 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 DEPTH OF PAVEMENT WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 18" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH EXTENDING 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 SPAD DEPARTMENT OF THE L.A. DEPT. OF PUBLIC WORKS, DISTRICT OFFICE NO. 1 AND PAY A FEE TO THE SPAD FOR WORK. REFER: A.L.C. 84-447.
 - IF WORK IS TO BE DONE IN STATE HIGHWAY RIGHT-OF-WAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 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 716.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 - PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPT. OF PUBLIC WORKS, COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE RECORD ALIGNMENT AT THE DEPT. OF PUBLIC WORKS. 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 PUBLIC WORKS, 3300 ALCAZAR ST., Rm. 4-308, LOS ANGELES, CALIFORNIA 90008, NAMED AS THE CERTIFICATE HOLDER TO BE DIVERSED 30 DAYS PRIOR TO CANCELLATION OF POLICY.
- CONSTRUCTION NOTES:
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION WITH SUPPLEMENTS) AND DEPT. OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED "SEPT. 1986" AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE COUNTY PUBLIC WORKS DIVISION BY TELEPHONE, 24 HOURS PRIOR TO STARTING WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - PIPE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWERS EXCEPT AS NOTED.
 - ALL TRENCHES SHALL BE EITHER BRICK OR PRECAST CONCRETE OR PRECAST CONCRETE SEWER MANHOLES.
 - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER OF EACH MANHOLE.
 - MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE 36 INCHES ABOVE FINISHED GRADE.
 - HTYPED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 308-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-22 CASE 2, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 - IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE ARE LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-22 CASE 2 UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND HTYPED CLAY PIPE SHALL BE MADE WITH A RUBBER JOINT, TYPE "C" OR "D" (WITH RUBBER) PER STANDARD SPECIFICATIONS, SECTION 308-2.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 - RESURFACE ALL TRENCHES WITH PAVED AREAS TO MEET L.A. COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - FULL COMPLIANCE WITH SECTION 308-1.8 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 IN EASEMENT CONSTRUCTION (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED BY THE DEPT. OF PUBLIC WORKS, DIVISION OF SAFETY AND SAFETY DIVISION. (B) ALL BACKFILL AND EARTH REPOSED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.T.A. STD. METHOD OF TEST UNLESS AS NOTED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.
 - SPECIAL BACKFILL IN DESIGNATED AREAS.

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

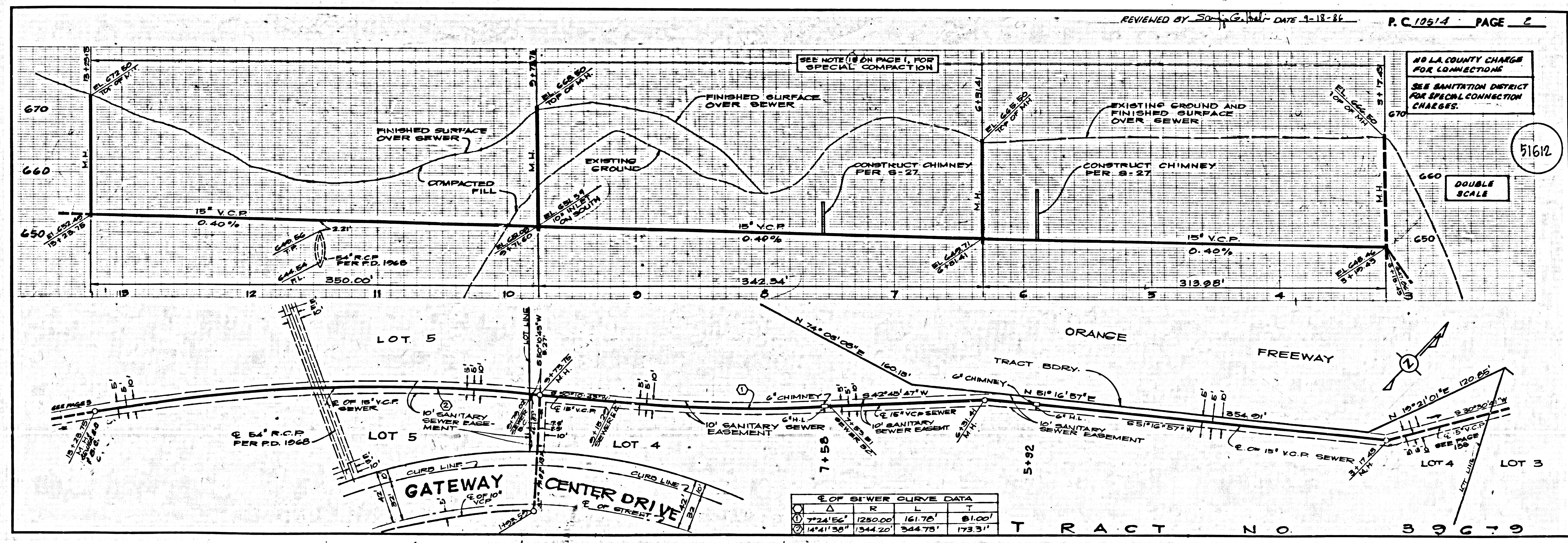
TRACT NO. 39679
 PRIVATE CONTRACT NO. 10514

U-142, F, G, H, I, 2
 7 SHEETS, 13 PAGES
 SCALE: 1" = 4' APRIL, 1986
 PREPARED IN THE OFFICES OF
PFEILER & ASSOCIATES ENGINEERS
 1599 W. COMMONWEALTH, FULLERTON, CA 92633
 REG. C.E. No. 14507

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

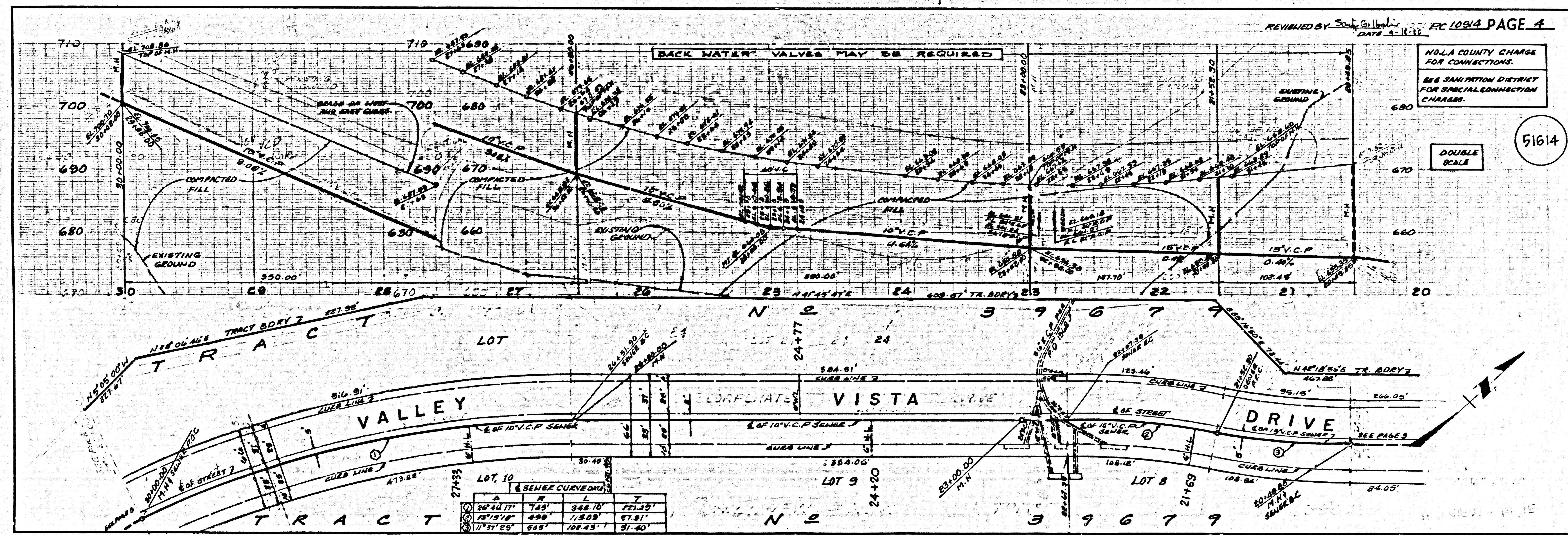
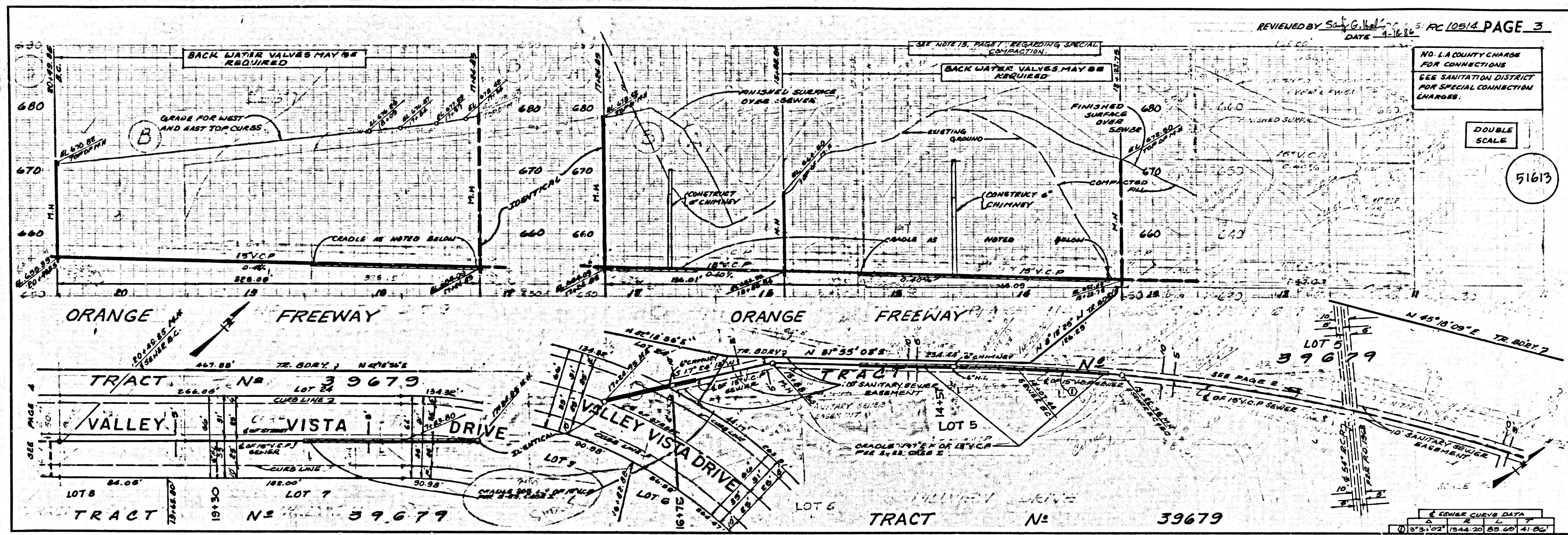
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BRICK MANHOLES	8-3
STANDARD MANHOLE RINGS	8-4
SEWERS FOR SEWER PIPES	8-5
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PIPE OR TEE BRANCHES	8-7
ALLOWABLE TRENCH WIDTHS	8-8
LOADING MANHOLE FRAMES AND COVERS	8-9
NON-REINFORCED PRECAST CONCRETE MANHOLES	8-10

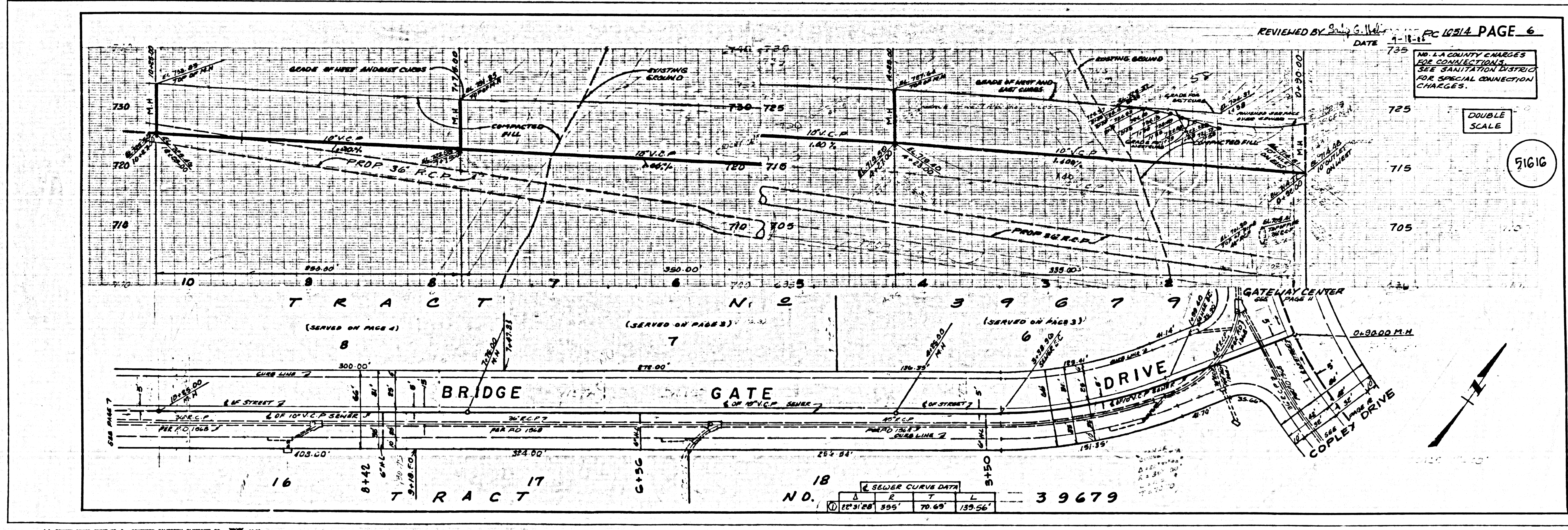
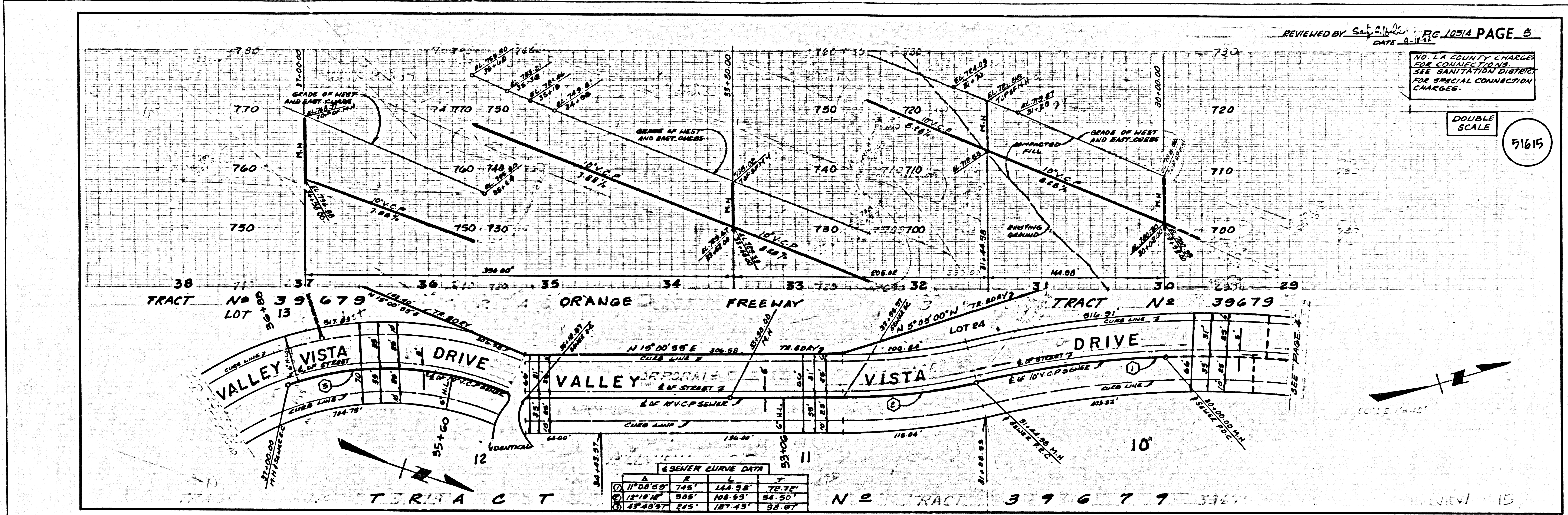
COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON DIRECTOR OF PUBLIC WORKS
 APPROVED: *Carl J. Blum* 9/22/86
 CHARLES W. CARRY, CHIEF ENGINEER
 CO. SAN. DIST. NO. 21
 APPROVED: *James W. Allen* 9/23/86
 OFFICE ENGINEER
 CHECKED: *Henry C. Anderson* 9-18-86
 DATE
 S.A. CE. NO. 17536
 SAN DIMAS BLDG. DIST. 10.00

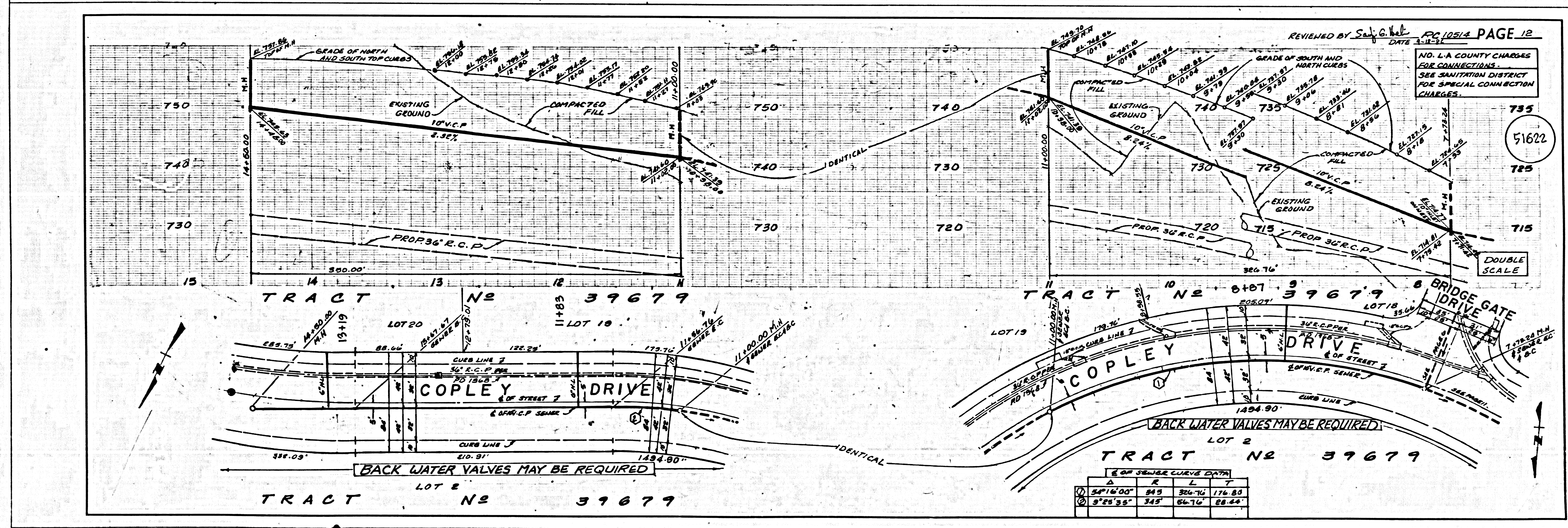
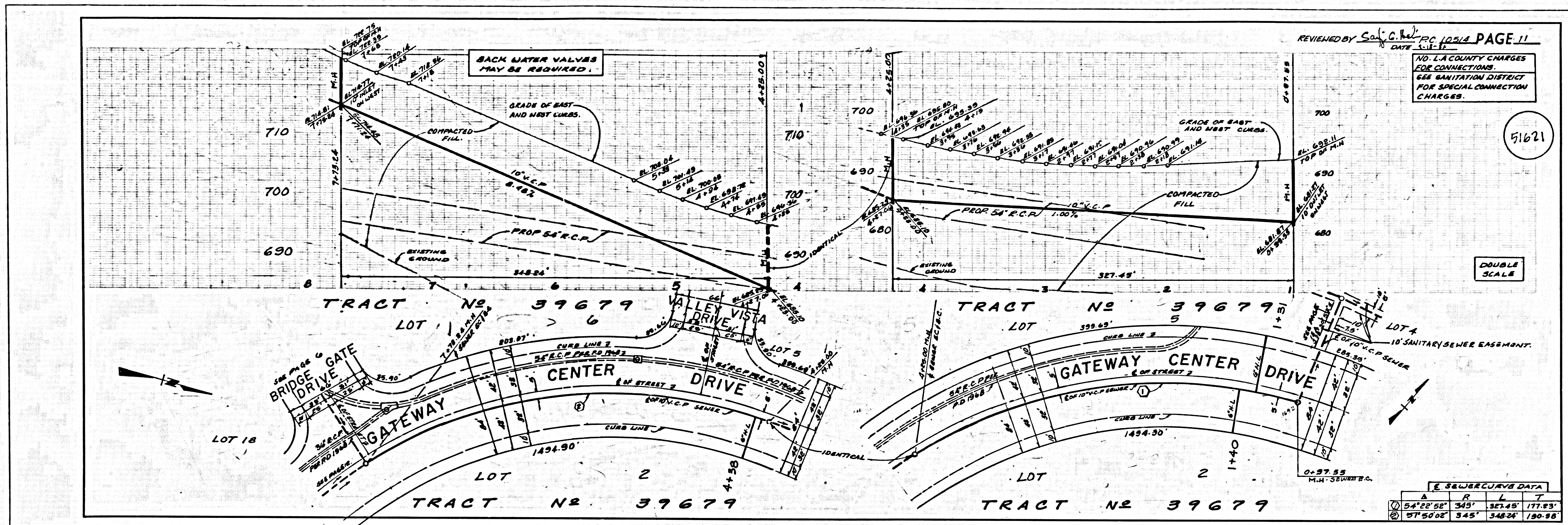


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ORANGE TRACT



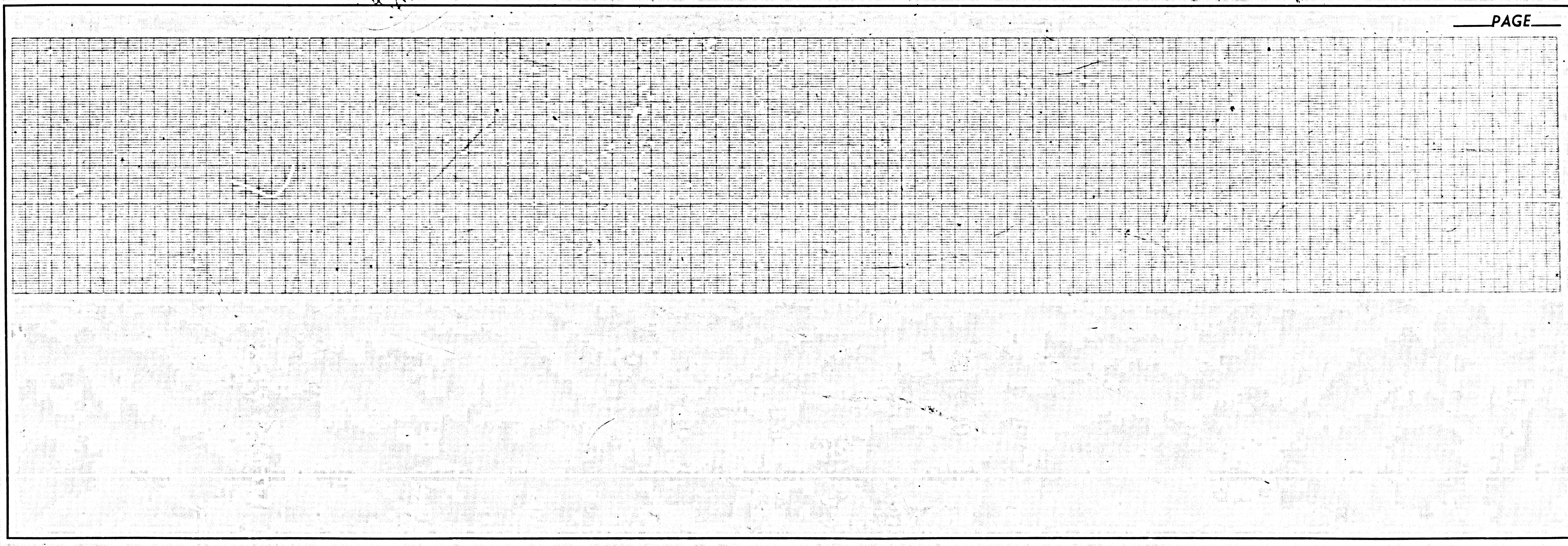
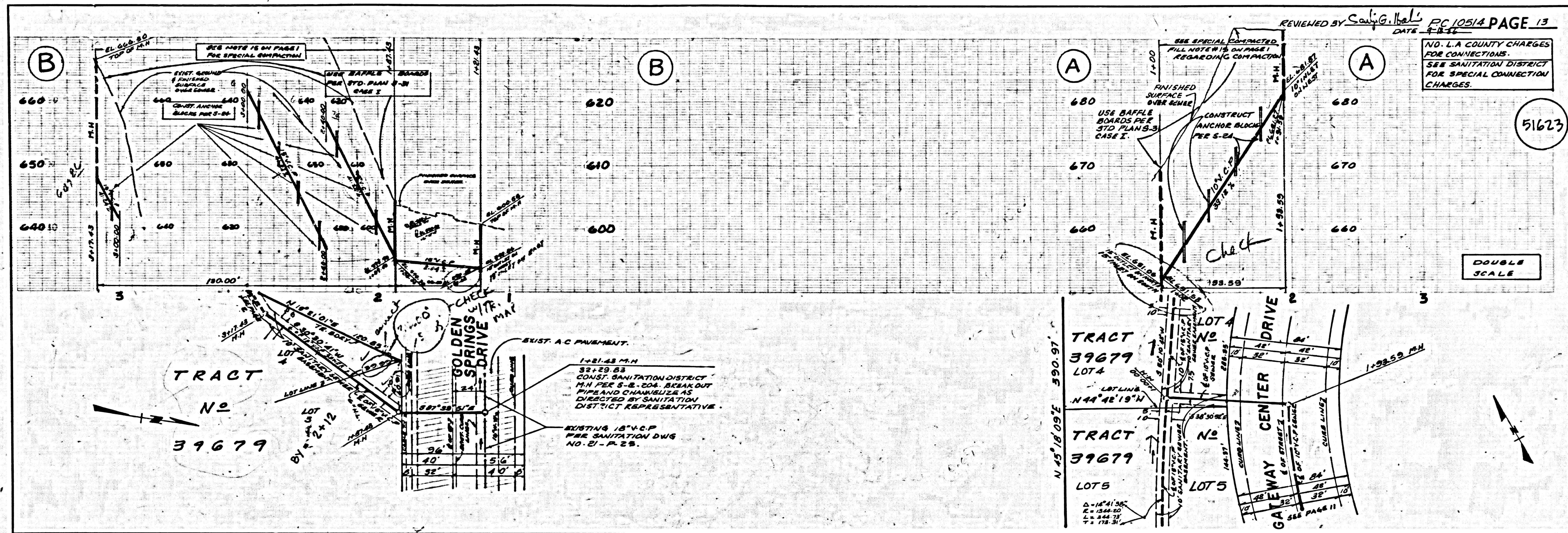




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