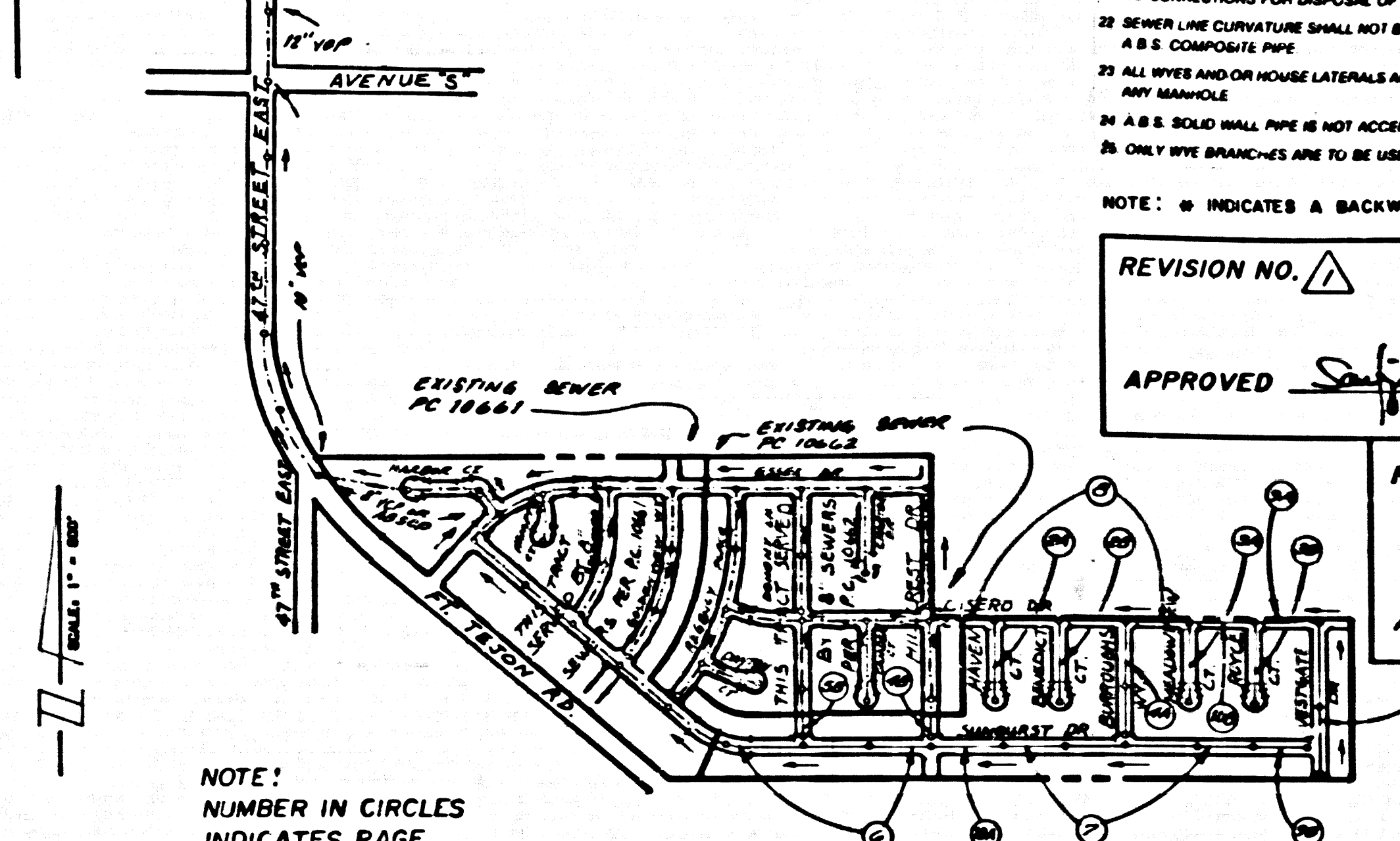


B.M. CL 2617 ELEV. 2679.180
 2500' FROM 8' W. OF 8' W. CORNER OF 1/4 SECTION 17
 1/4 SECTION 17 T4S R1E W. 1/4 SECTION 17
 1/4 SECTION 17 T4S R1E W. 1/4 SECTION 17
 PALMDALE QUAD. 1982



INDEX MAP
 SCALE: 1" = 600'
 P.C. 10663 TRACT NO. 45026

CONSTRUCTION NOTES CONT.

16. FULL COMPLIANCE WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A B.S. COMPOSITE PIPE.
17. MANHOLE WATER STOP GASKETS AND FLANGES ARE REQUIRED FOR THE CONNECTION OF A B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
18. A B.S. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A B.S. COMPOSITE MAINLINE SEWER PIPE.
19. A B.S. COMPOSITE PIPE SHALL BE USED IN CONFORMANCE WITH THE TABLE IN SECTION B.3.1.1 OF PART IV OF THE SPECIAL PROVISIONS.
20. FUNDING DEFLECTION COUPLERS ARE REQUIRED FOR RADII OF CURVATURE LESS THAN 30 FEET WHEN USING A B.S. COMPOSITE PIPE.
21. NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A B.S. COMPOSITE PIPE IS USED.
22. SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR BY USING PLASTIC PIPE INCLUDING A B.S. COMPOSITE PIPE.
23. ALL WYE AND HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET AWAY AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
24. A B.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MANHOLE SEWER.
25. ONLY WYE BRANCHES ARE TO BE USED FOR CONNECTION TO A B.S. COMPOSITE MAINLINE SEWER PIPE.

NOTE: * INDICATES A BACKWATER VALVE MAY BE REQUIRED.

REVISION NO. Δ DATE APRIL 18, 1988
 EXTEND MAIN TO ALLOW A 90° CONNECTION TO THE
 LATERALS. PAGE 4, STATION 10 + 36.63 AND
 PAGE 8, STATION 10 + 36.63.
 APPROVED Scipio G. Velazquez 4-22-88
 DEPT. OF PUBLIC WORKS

REVISION NO. Δ DATE 2-28-89
 MOVED SEWER LATERAL ON LOTS 76 & 68
 RESTORED STREETS: HILLCREST DRIVE ON PAGE 48
 DOHERTY LANE ON PAGE 58
 APPROVED Scipio G. Velazquez
 DEPT. 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 ON A COUNTY
 SANITATION DISTRICT SEWER AND PRIOR TO FINAL
 ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT
 INSPECTOR SHALL BE NOTIFIED BY PHONE (805) 947-5027
 SO THAT REQUIRED INSPECTION CAN BE MADE.

ISSUE NO HOUSE CONNECTION PERMITS
 UNTIL OUTLET SEWERS P.C. 10661 AND
 P.C. 10662 ARE ACCEPTED FOR PUBLIC
 USE BY THE COUNTY OF LOS ANGELES.

LOTS 58 THRU 62 ARE
 TYPED BY P.C. 10661 & 3

GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR 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. GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF STREETS, CENTERLINE OF ELEVATIONS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN THESE POINTS, 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 DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 18" BRANCHES AND SHALL PROVIDE STAKES FOR THESE AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAINLINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAINLINE SEWER EXCEPT AS SHOWN ON THE PLANS. ALL CHANGES 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.
7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONST. DIV. OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS. PERMIT OFFICE NO. _____ AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS. PERMIT OFFICE NO. _____ LOS ANGELES, CALIFORNIA. PERMIT TO EXCAVATE IN COUNTY STREETS SHALL 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 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.
10. REFER TO SECTION 11.1 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 CONST. DIV. AT THE DEPARTMENT OF PUBLIC WORKS. A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, A DIVISION OF INDUSTRIAL SAFETY AND CERTIFICATION OF WORKERS COMPENSATION INSURANCE WITHIN THE DEPARTMENT OF PUBLIC WORKS, 2250 ALCAZAR ST., LOS ANGELES, CALIFORNIA 90031/ROOM 4-28, SHOWN AS THE CERTIFICATE HOLDER IS TO BE NOTIFIED BY DATE PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1985 EDITION WITH THE SUPPLEMENTARY SPECIFICATIONS OF PUBLIC WORKS. SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPT. 21, 1978 AND SHALL BE PROCEEDED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, 280-4261, AT LEAST TWENTY-FOUR HOURS BEFORE START OF 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. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5.0 OR PRECAST CONCRETE MANHOLES PER 5.06, 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. WITHIN CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 209-2.
9. IN A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 5-23, CASE II, TWO FEET 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 MAINLINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 5-23, CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH RUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 209-2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 209-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. REPAIRAGE 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 209-1.3 OF THE STANDARD SPEC. WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL CONTRACTOR 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.
15. SPECIAL BACKFILL IN EXISTING CONSTRUCTION: (A) BACKFILL TRENCHES AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADE AND SLOPES SHOWN ON THE DRAWINGS. (B) APPROVED FOR THIS DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION IN ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STD. METHOD OF TEST D1557 AS NOTED. ACCEPTABLE BACKFILL OR BACKFILL CONTRACTOR SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, DEPARTMENT OF PUBLIC WORKS.

PROFILE, ALIGNMENT AND GRADE OF **PAGE 1**

SANITARY SEWERS

TO BE CONSTRUCTED IN
TRACT NO. 45026

PRIVATE CONTRACT NO. 10663
 INDEX A-159
 5 SHEETS, 10 PAGES

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

DATE: JANUARY, 1987

PREPARED IN THE OFFICES OF
KEITH ENGINEERING NORTH COUNTIES INC.
 1603 EAST PALMDALE BOULEVARD, SUITE D
 PALMDALE, CALIFORNIA 93350
 BY: John E. Brown
 REG. C.E. NO. 57461

COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON
 DIRECTOR OF PUBLIC WORKS

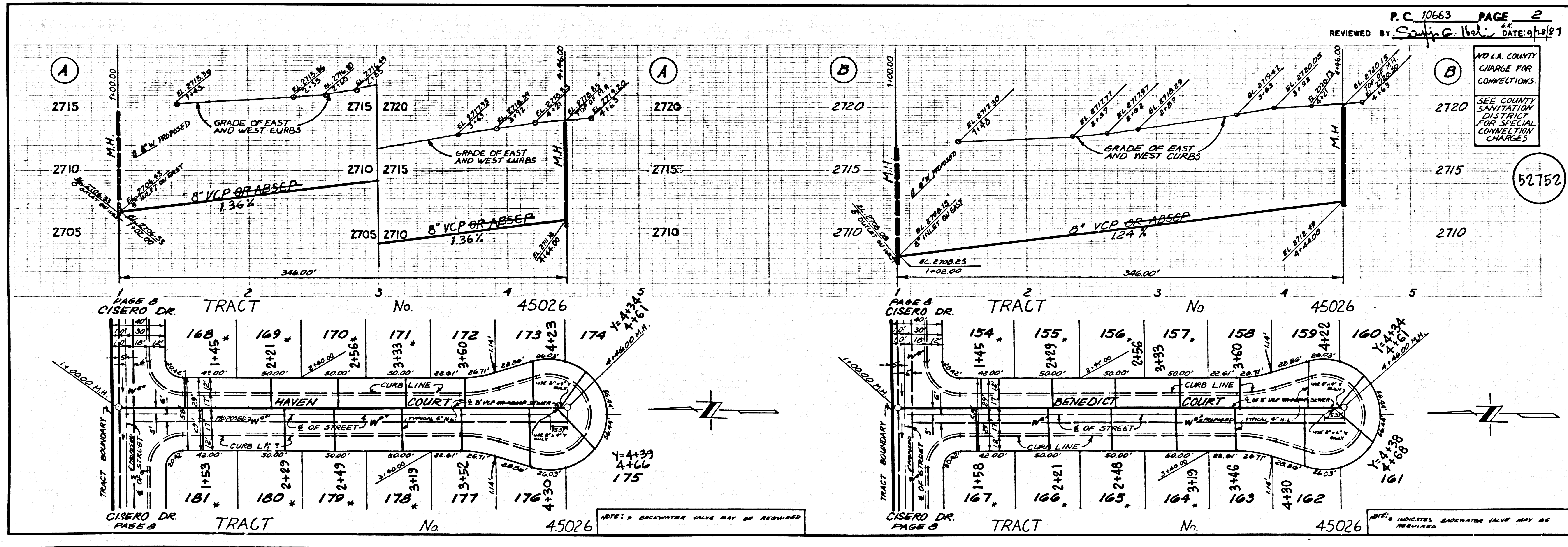
CHARLES W. CARRY
 CHIEF ENGINEER
 CO. SAN DISTRICT

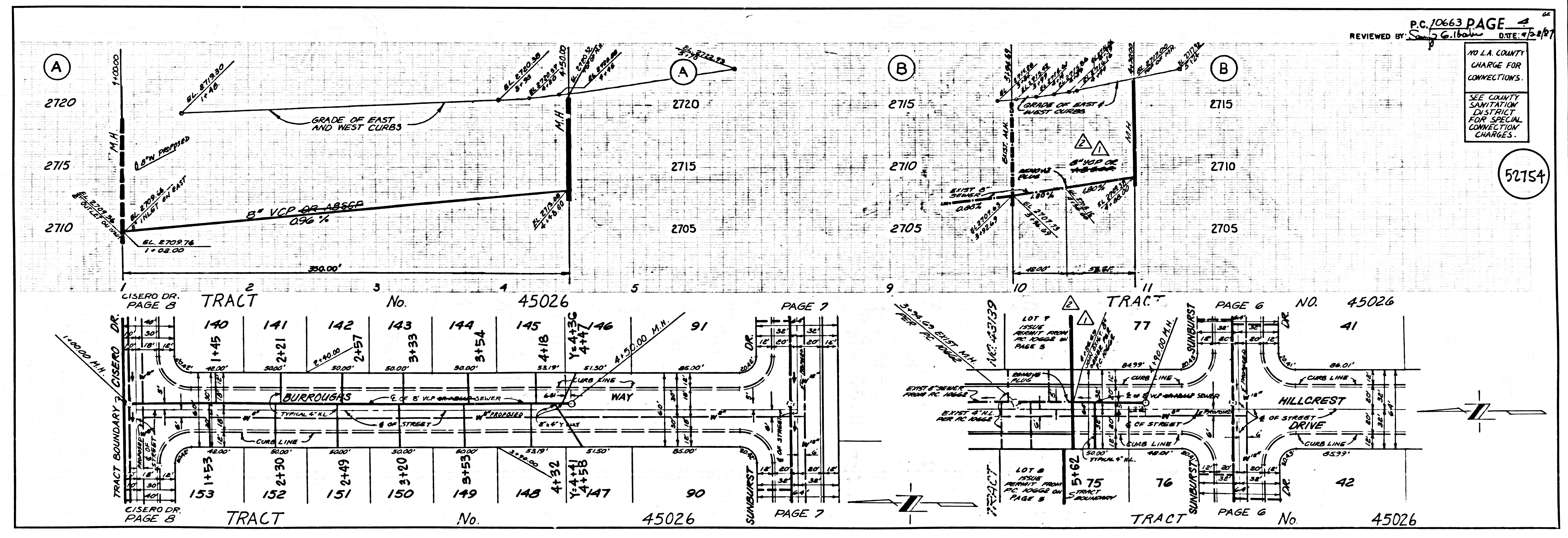
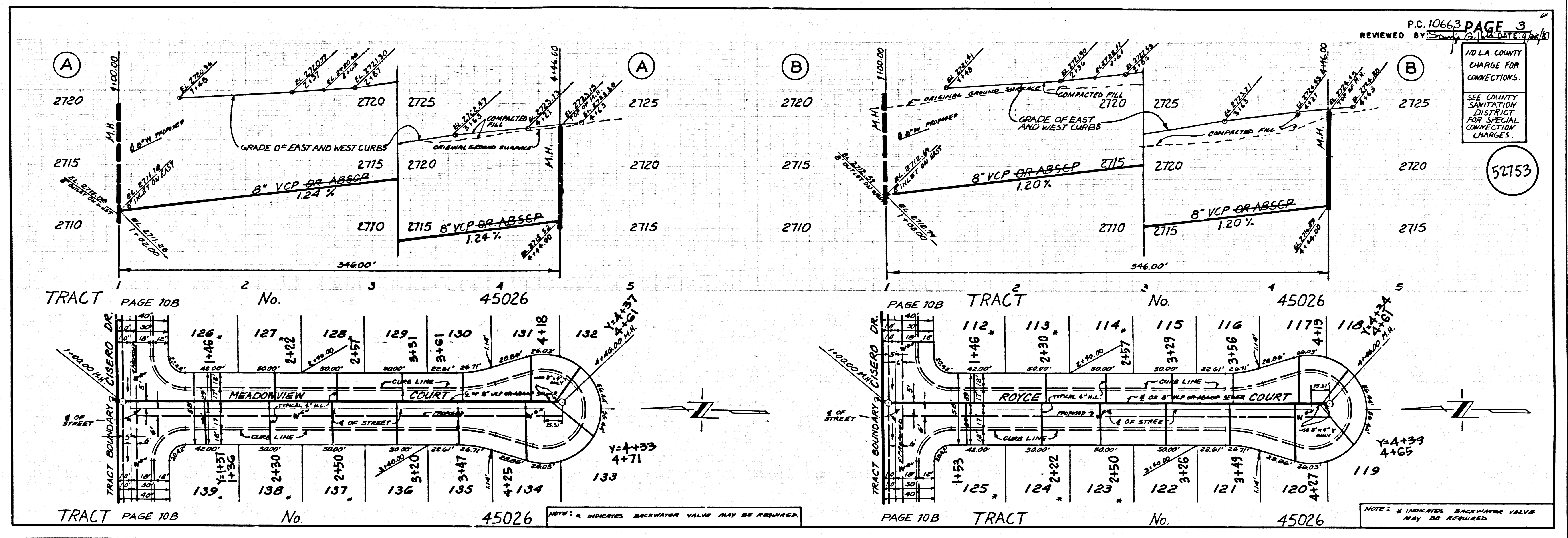
APPROVED Dean E. Johnson 9/29/87
 (DATE)

CHECKED F. J. ... 9/24/87
 (DATE)

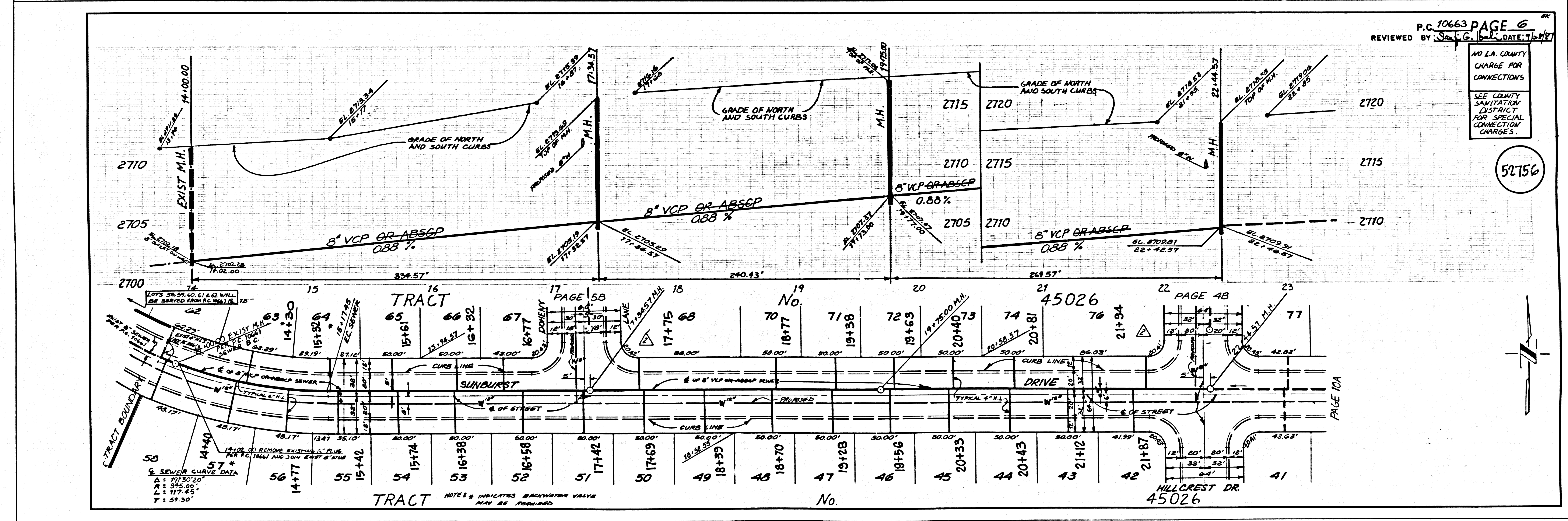
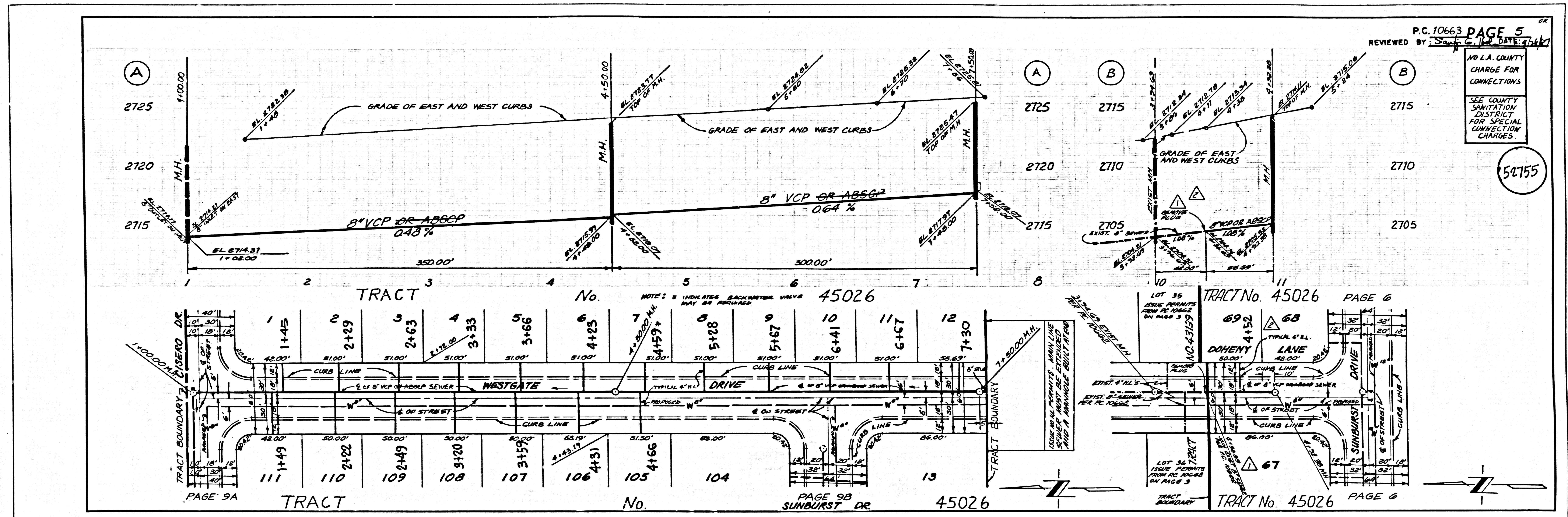
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PALMDALE BLDG. DIST. 8.1



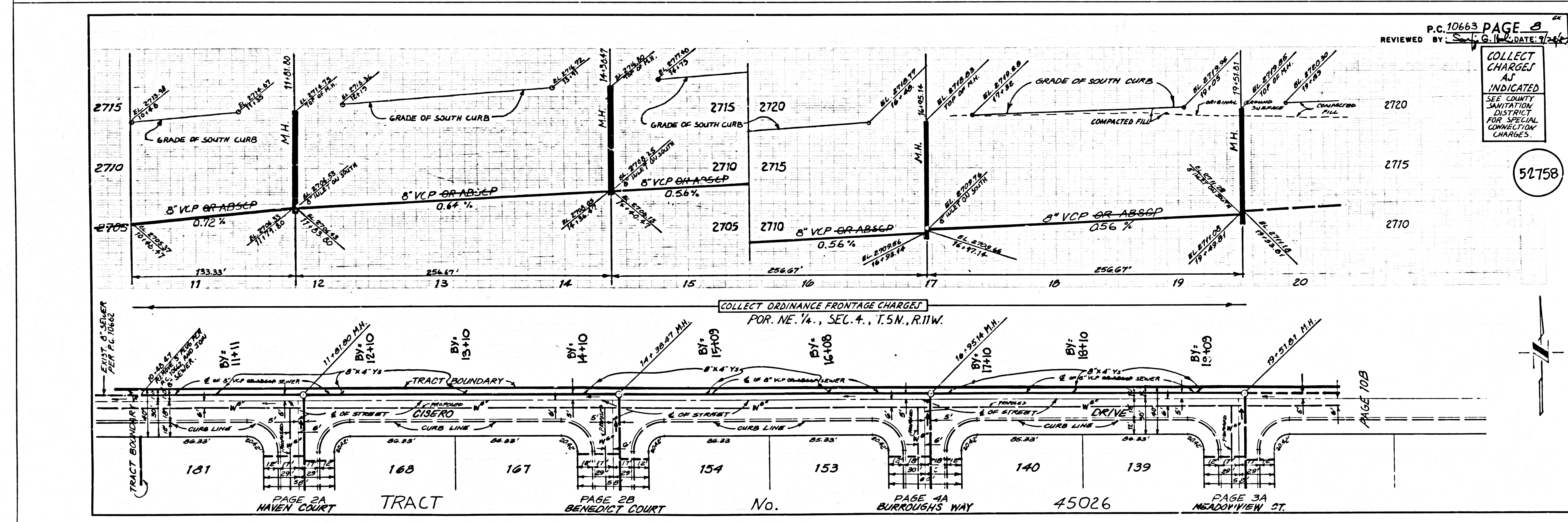
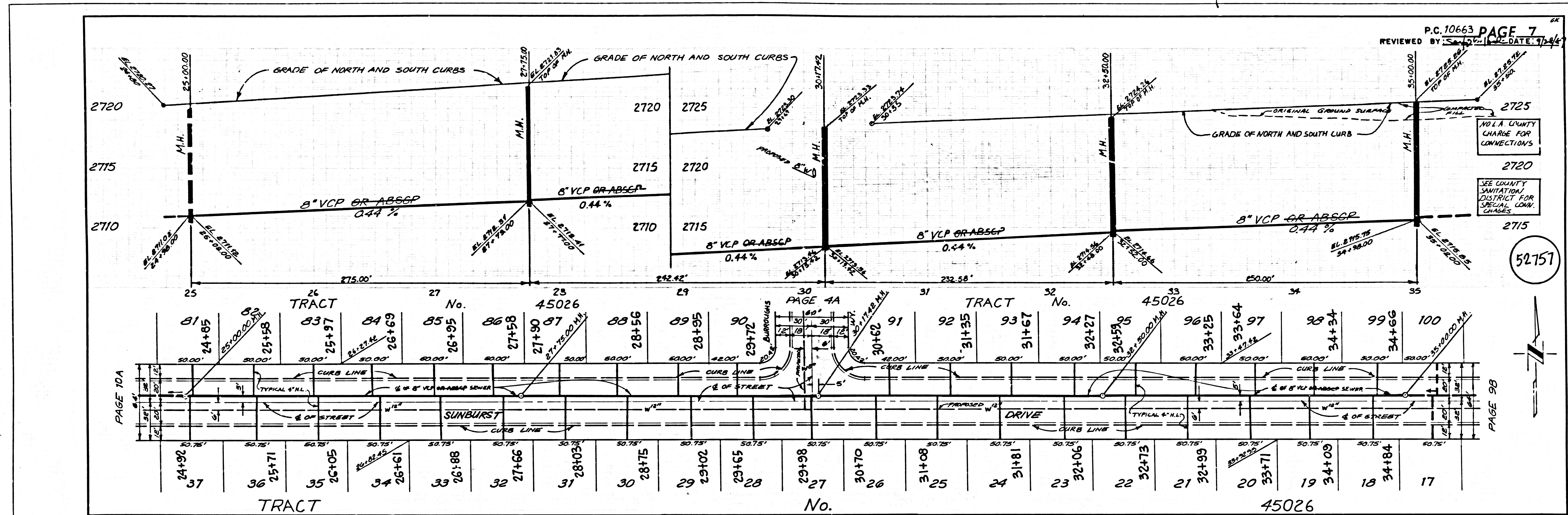


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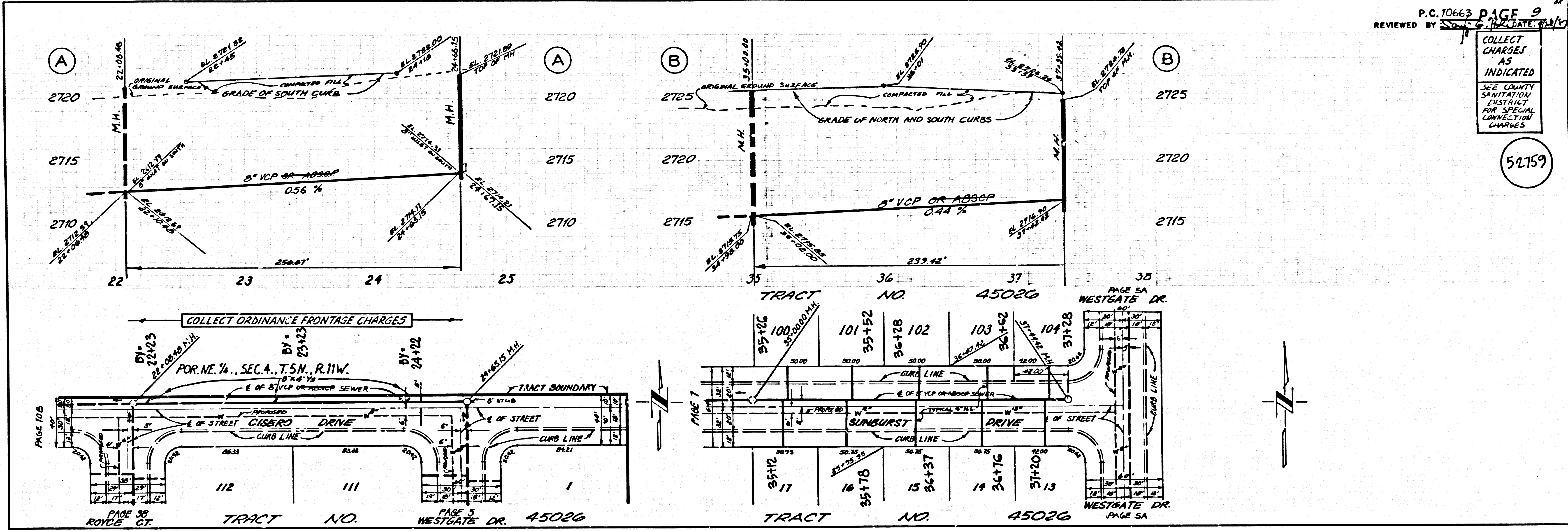


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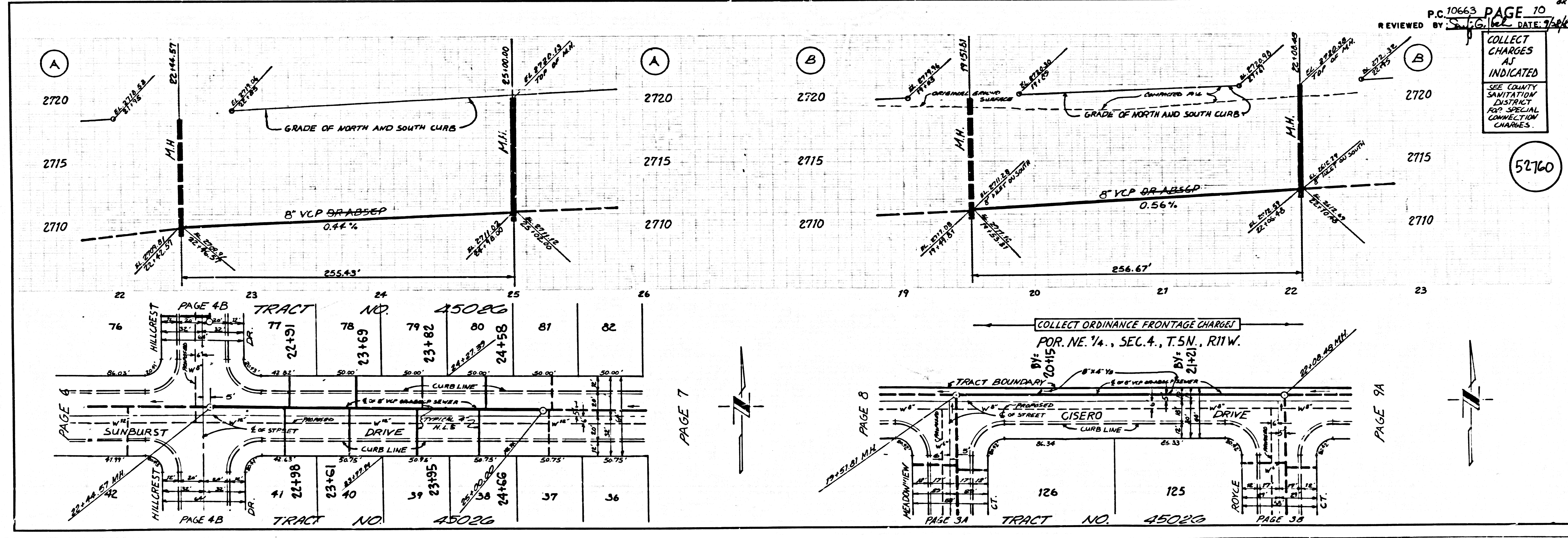
COLLECT CHARGES AS INDICATED
SEE COUNTY SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES.

52159



COLLECT CHARGES AS INDICATED
SEE COUNTY SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES.

52160



TRACT NO. 45026 ON T3A01