

REVISION NO. 1 DATE 12-5-87
 PAGE 2 - DELETED SEWER LINE
 FROM STA. 1+00 TO STA. 1+10
 AND INCLUDING
 SEWER TIE-IN AT STA. 1+08
 PHASES 2, 3, 4, 5, 6 - REVISED LATERAL
 LOCATIONS.
 PHASE 1 - REVISED INDEX MAP TO SHOW
 SEWER LINE DEVIATION ON BUT. 2
 BY: PFEILER & ASSOCIATES ENGINEERS
 612 N. DIAMOND BAR BOULEVARD
 DIAMOND BAR, CALIFORNIA 91765
 DATE: 12/5/87
 APPROVED: [Signature] 12/5/87
 [Signature] 12/5/87

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR PUBLIC LINES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE THERE ARE NO LISTING UTILITIES PROFILES AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE THE PRECAUTIONARY MEASURES TO DETECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING UNDERGROUND SERVICE ALERT AT 1-800-452-4128 TWO WEEKS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
 [Signature]
 REGISTERED ENGINEER R.C.A. NO. 12807

- CONSTRUCTION NOTES CONT.**
16. ALL COMPLIANCE WITH PART II OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.S.S. COMPOSITE PIPE MANHOLE STRUCTURES.
 17. MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.S.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
 18. A.S.S. SOLID WALL PIPE MUST BE USED FOR VINE AND HOUSE LATERAL CONNECTIONS TO A.S.S. COMPOSITE MANHOLE SEWER PIPE.
 19. A.S.S. COMPOSITE PIPE SHALL BE SEDED IN CONFORMANCE WITH THE TABLE IN SECTION 8-3.1 OF PART I OF THE SPECIAL PROVISIONS.
 20. THREE DEGREE DEFLECTION COUPLERS ARE REQUIRED FOR RADIUS OF CURVATURE LESS THAN 300 FEET USING A.S.S. COMPOSITE PIPE.
 21. 90 DEGREE CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.S.S. COMPOSITE PIPE IS USED.
 22. SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR SWAGING PIPE INTO EXISTING PLASTIC PIPE INCLUDING A.S.S. COMPOSITE PIPE.
 23. ALL SEWER AND HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET AWAY AND WHEN POSSIBLE NOT CLOSER THAN TEN FEET TO ANY STRUCTURE.
 24. A.S.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MANHOLE SEWER.
 25. ONLY VINE BRANCHES ARE TO BE USED FOR CONNECTION TO A.S.S. COMPOSITE MANHOLE SEWER PIPE.

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 (518) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

- GENERAL NOTES:**
1. BRANCHES ARE TO BE ABOVE G.S.C. & G.S. SEA LEVEL DATUM OF 1985.
 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DEPT. OF PUBLIC WORKS.
 3. NO REPRESENTATION OF THE DEPT. OF PUBLIC WORKS SHALL BE SHOWN OR LAY OUT ANY PORTION OF THE WORK.
 4. BRANCHES TO WHICH THIS APPROVEMENT 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. ALL POINTS BE TIE TO BURNED POINTS OF RECORD. THE GRADE SHALL BE ESTABLISHED AS TO CONFORM TO A STRAIGHT LINE GRADE BETWEEN SAID DESIGNATED POINTS.
 5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPT. OF PUBLIC WORKS WITH BRIDGE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 18" SEWER AND SMALL PROFILES STAGES PER 1" PER 100 FEET PROFILES. LOCATIONS WITH STATIONING PLANS MARKED ALL HOUSE LATERALS SHALL BE TYPED TO THE DEPT. OF PUBLIC WORKS. ALL HOUSE LATERALS SHALL BE TYPED TO THE DEPT. OF PUBLIC WORKS. ALL HOUSE LATERALS SHALL BE TYPED TO THE DEPT. OF PUBLIC WORKS. ALL HOUSE LATERALS SHALL BE TYPED TO THE DEPT. OF PUBLIC WORKS. ALL HOUSE LATERALS SHALL BE TYPED TO THE DEPT. OF PUBLIC WORKS.
 6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL SHEETS AT THE PROPERTY LINE. INCLUDE 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 FROM THE COUNTY ENGINEER'S OFFICE. THE PERMIT MUST BE OBTAINED FROM THE COUNTY ENGINEER'S OFFICE. THE PERMIT MUST BE OBTAINED FROM THE COUNTY ENGINEER'S OFFICE. THE PERMIT MUST BE OBTAINED FROM THE COUNTY ENGINEER'S OFFICE.
 8. IF WORK IS TO BE DONE IN A STATE HIGHWAY A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA. DIVISION OF HIGHWAYS. THE COUNTY ENGINEER'S OFFICE WILL FURNISH THE NECESSARY PERMITS.
 9. APPROVAL OF THE PLANS BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPAIR OR ALTERATION 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. THE USER ASSUMES ALL RISKS.
 10. REFER TO SECTION 8-1.1 OF THE STANDARD SPECIFICATIONS REGULATING SAFETY SIGNALS.
 11. PRIOR TO THE BEGAINING OF THE WORKED SEWER CONSTRUCTION PERMIT THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DEPT. OF PUBLIC WORKS. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DEPT. OF PUBLIC WORKS. THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DEPT. OF PUBLIC WORKS.

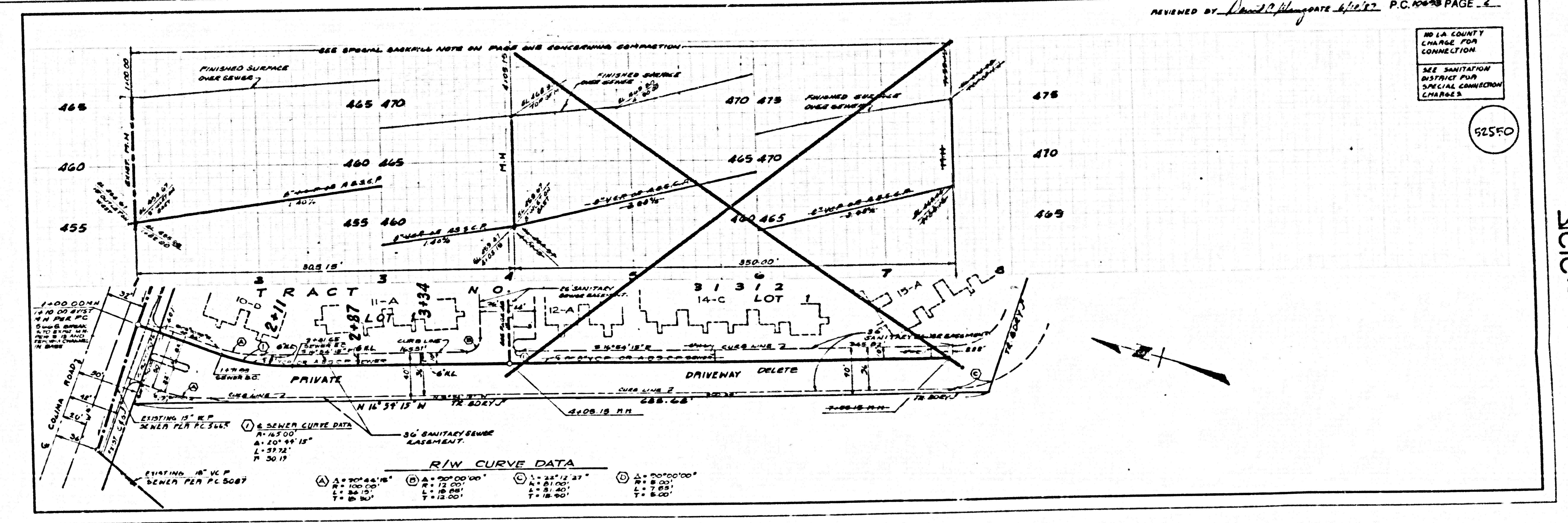
- CONSTRUCTION NOTES:**
1. SEWER SHALL BE CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1985 EDITION WITH THE FOLLOWING MODIFICATIONS AND DEPT. OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 27, 1978 AND SHALL BE PROVIDED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF PUBLIC WORKS PERMITS TO BE OBTAINED AT LEAST 14 DAYS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 3. HOUSE LATERALS TO BE CONSTRUCTED WITHIN PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 4. VINE OR THE BRANCHES MAY BE USED FOR CONNECTION TO EXISTING SEWERS EXCEPT AS NOTED.
 5. VINE BRANCHES ONLY MAY BE USED FOR CONNECTION TO MANHOLE SEWER PIPE A.S.S.C.P. IS USED.
 6. ALL STRUCTURES SHALL BE SPREADER BRICK MANHOLES PER 2-0 OR PRECAST CONCRETE MANHOLES PER 2-0. EXCEPT AS NOTED.
 7. PROFILES STAGES ON THE PROPERTY LINE OR PROPERTY LINES PROFILES AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 8. MANHOLE TOPS IN UNIMPROVED AREAS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 9. UNIMPROVED CLAY PIPE JOINTS SHALL BE TYPE "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 2-0.6.
 10. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER THE SEWER SHALL BE ENCASED PER 2-0.6 CASE 2 THROUGH EACH SIDE FROM THE POINT OF INTERFERENCE.
 11. IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MANHOLE OR HOUSE LATERAL SEWER WHICH IS NOT INDICATED ON THE PLANS THE PIPE SHALL BE ENCASED PER 2-0.6 CASE 2 UNLESS OTHERWISE APPROVED BY THE DEPT. OF PUBLIC WORKS.
 12. ALL JOINTS BETWEEN CAST IRON PIPE AND UNIMPROVED CLAY PIPE SHALL BE MADE WITH A RUBBER BLIND JOINT TYPE "C" OR "D" WITH COVERING OF EACH LEAKY JOINT PER STANDARD SPECIFICATIONS SECTION 2-0.7.
 13. ALL JOINTS BETWEEN CAST IRON PIPE AND A.S.S.C.P. SHALL BE MADE WITH APPROVED JOINTS.
 14. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 2-0.8 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 15. RESURFACE ALL FINISHES WITHIN FINISHED AREAS TO MEET LA COUNTY ROAD DEPT. OF CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 16. FULL COMPLIANCE WITH SECTION 10-1.1 AND THE 1985 SPECIAL PROVISIONS IS REQUIRED FOR BACKFILL IN STREETS OR AREAS OF PUBLIC CONCERN. BACKFILL SHALL BE PROVIDED BY A QUALIFIED CONTRACTOR. TESTING LABORATORY SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO THE BEGAINING OF A CERTIFICATE OF FINAL ACCEPTANCE.
 17. SPECIAL BACKFILL IN EXISTING CONSTRUCTION IS BACKFILL. FINISH AND REPLACE OTHER AREAS SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADE AND BLOWN SAND ON THE GRADING PLAN APPROVED FOR THE SPECIAL CONTRACT. THE SAND DEVELOPMENT OF THE CONTRACTOR SHALL BE NOTIFIED BY PHONE (518) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN
TRACT NO. 3132
PRIVATE CONTRACT NO. 10693
 U-130-D-G
 5 SHEETS, 6 PAGES
 SCALE: HORIZ. 1"=40'
 VERT. 1"=4'
 APRIL, 1987
 PREPARED IN THE OFFICES OF
PFEILER & ASSOCIATES ENGINEERS
 612 N. DIAMOND BAR BOULEVARD
 DIAMOND BAR, CALIFORNIA 91765
 BY: [Signature]
 PETER F. PFEILER REG. CE 12807

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY TO THE CONSTRUCTION OF THIS PROJECT:

LEGEND	2-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	2-2
SPECIAL BRANCHES	2-3
STANDARD MANHOLE TOP	2-4
SEWERS FOR SEWER PIPE	2-5
CONCRETE AND BRICKWORK	2-6
PIPE ON THE SURFACE	2-7
ALLOWABLE TRENCH WIDTHS	2-8
LOCKING MANHOLE FRAMES AND COVERS	2-9
NON-IMPROVED PRECAST CONCRETE SEWER MANHOLES	2-10
PRELIMINARY SITE SURVEY, CHECK OF PROPOSED CHANGES	2-11

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. JOSEMANSON, DIRECTOR
 DEPARTMENT OF PUBLIC WORKS
 APPROVED: [Signature] 6/18/87
 CHECKED: [Signature] 6/18/87
 REG. CE NO. 16841
 J.A. PUENTE BLDG. DIST. 302



R/W CURVE DATA

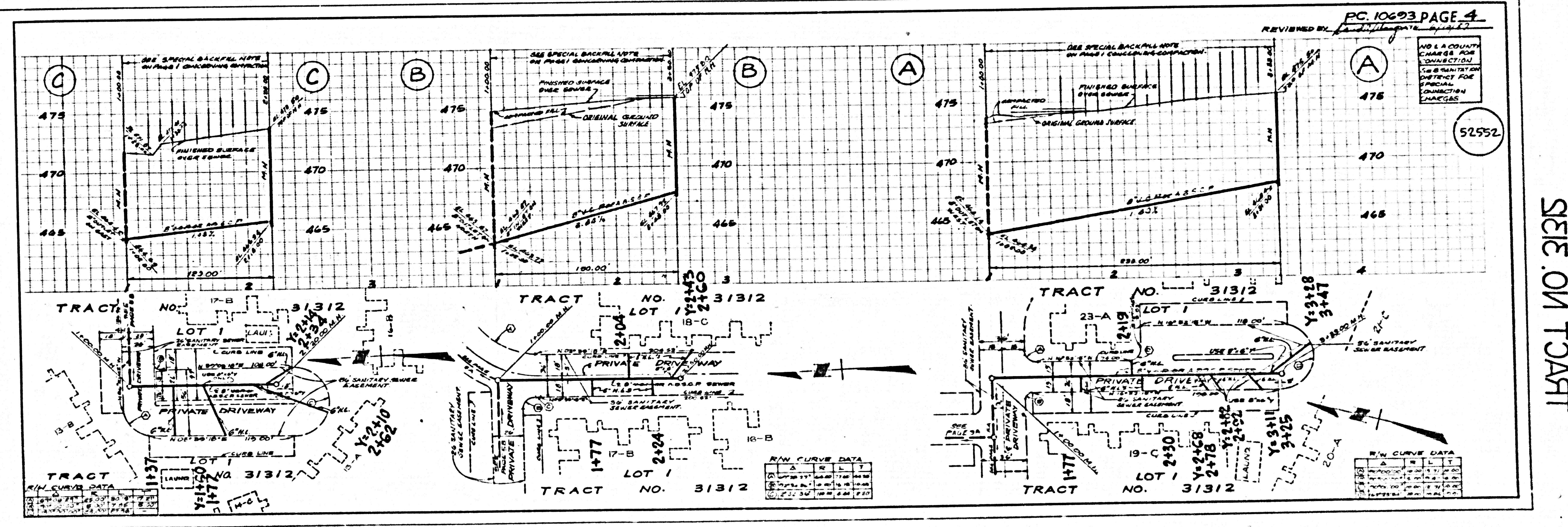
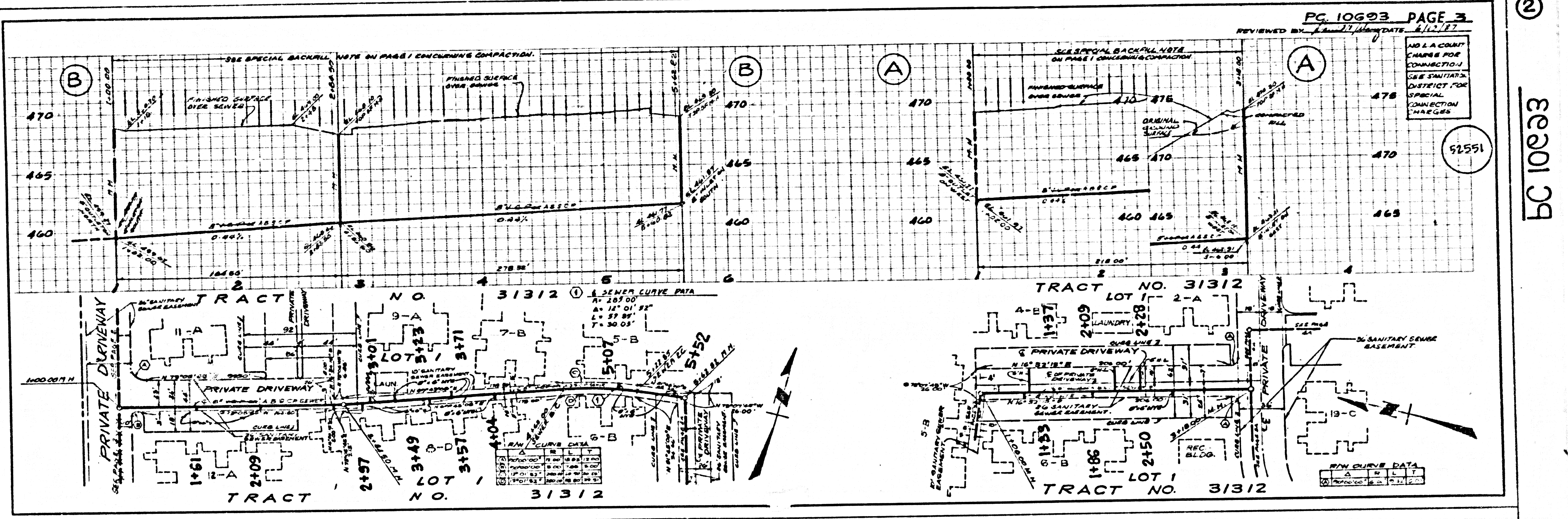
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L = 36.10'	L = 36.10'	L = 36.10'	L = 36.10'
T = 20.50'	T = 20.50'	T = 20.50'	T = 20.50'

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SEE SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
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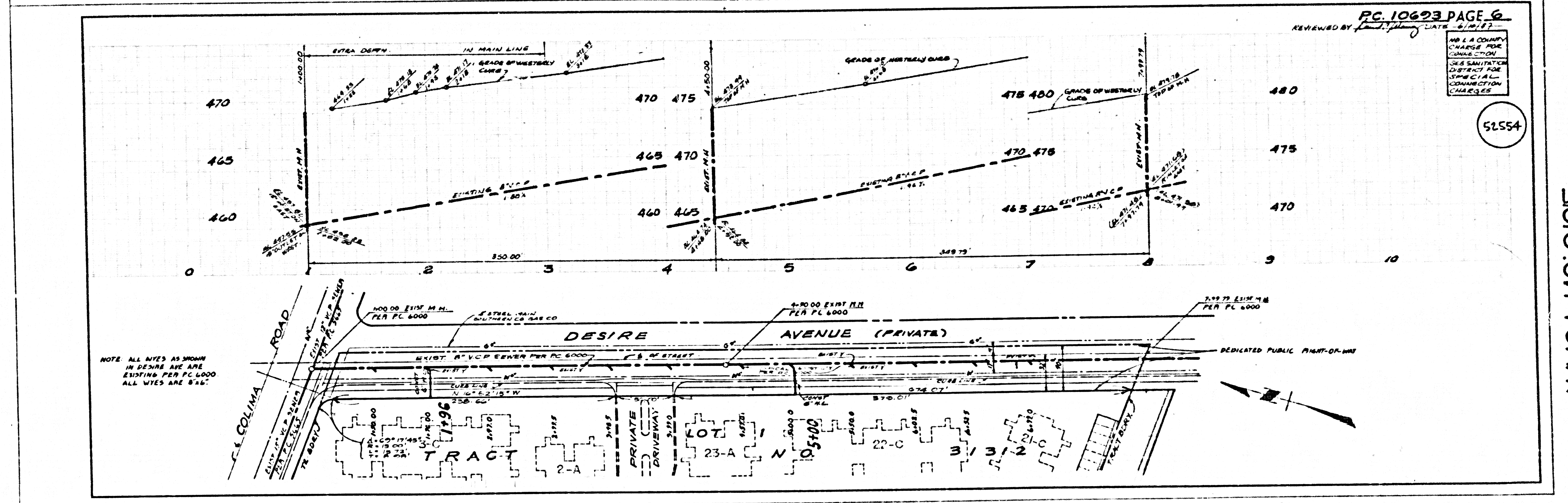
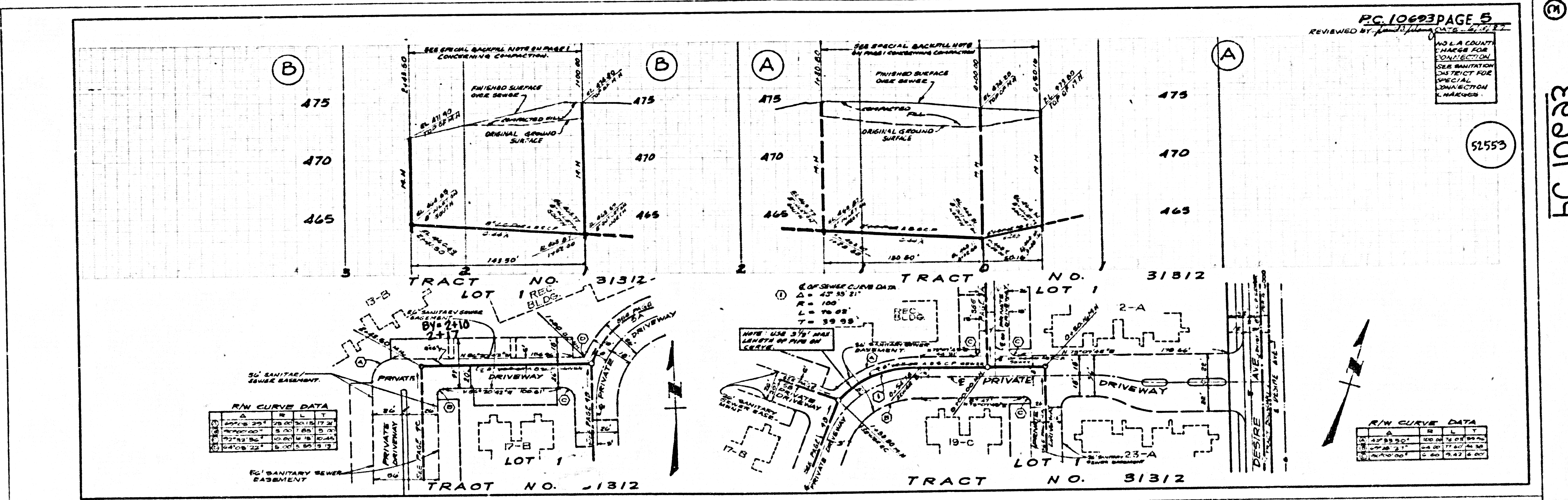
SEE SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

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PC 10693

SEE ON TRACT



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PC 10623

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