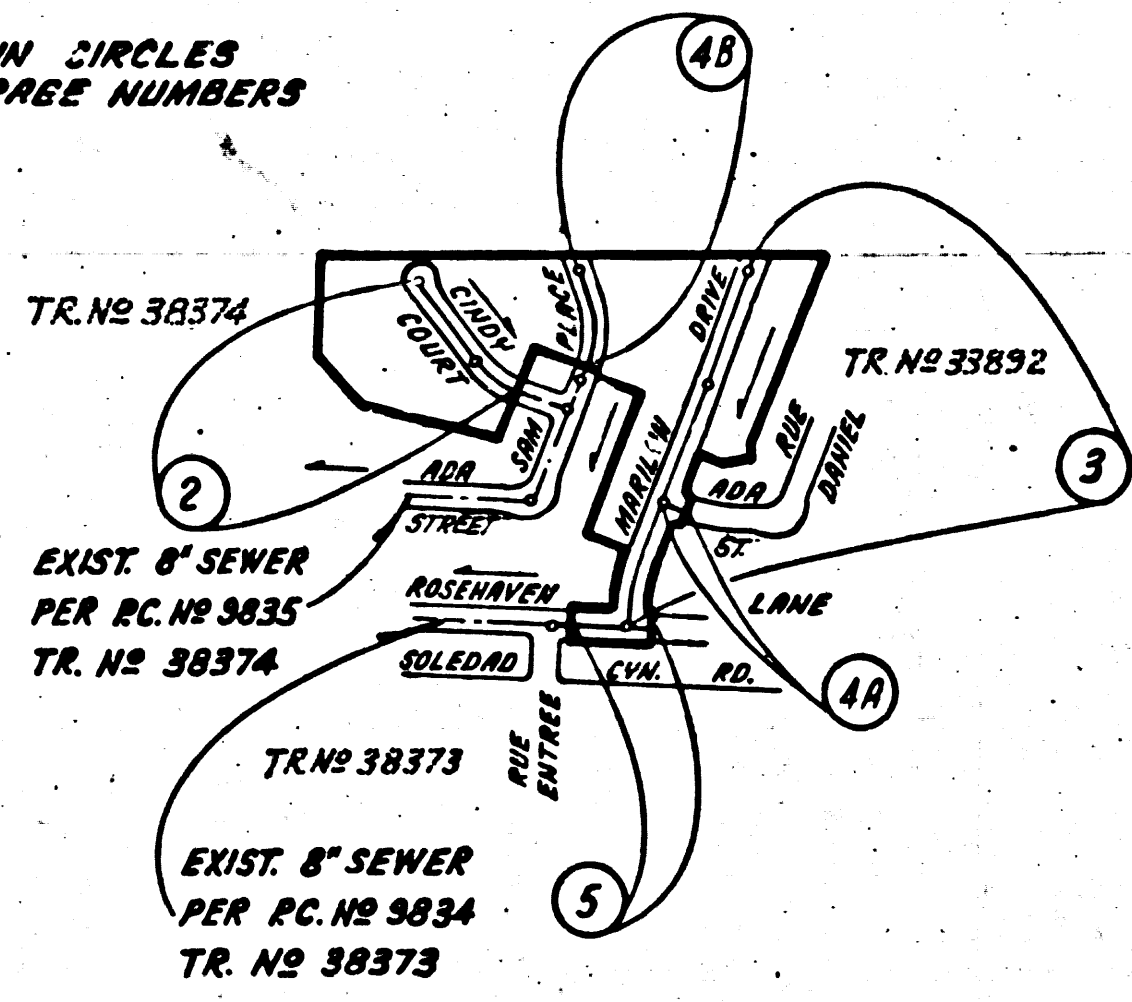


B.M. BL. 2943 ELEV. 1580.940  
 AD. BM. TAG 5 FT S. B.C.P. @ SW COR  
 SAND CANYON TO SOLEDAD CANYON RD  
 BIFT 3 + 40 FT W. C/L INT  
 NEWHALL QUAD. 1972

**CONSTRUCTION NOTES (CONT.)**

15. WYE BRANCHES ONLY MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWER IF A.B.C.P. IS USED.
16. ALL JOINTS BETWEEN CAST IRON PIPE AND A.B.C.P. SHALL BE MADE WITH APPROVED FITTINGS.
17. FULL COMPLIANCE WITH PART 16 OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.C. COMPOSITE PIPE AND A.B.C. SOLID HOUSING LATERALS.
18. MANHOLE W/24 STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.C. COMPOSITE PIPE TO MANHOLE STRUCTURES.
19. A.B.C. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.B.C. COMPOSITE MANHOLE STRUCTURE.
20. 3 BEARING REFLECTION COUPLERS SHOULD BE USED TO ACCOMMODATE RADIUS OF CURVATURE LESS THAN 800'.
21. A.B.C. COMPOSITE PIPE SHALL BE BEDDED IN CONFORMANCE WITH THE TABLE IN SECTION 8-2.1 OF PART 16 OF SPECIAL PROVISIONS.

NOTE:  
 NUMBERS IN CIRCLES  
 INDICATE PAGE NUMBERS



**INDEX MAP**  
 Scale: 1" = 600'  
 P.C. NO. 9924  
 TRACT NO. 38375

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 - 962-8605, 928-2636, SO THAT REQUIRED INSPECTION CAN BE MADE.

ALLOW NO HOUSE CONNECTIONS  
 UNTIL P.C. 9834 & P.C. 9835  
 ARE ACCEPTED.

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.

**GENERAL NOTES:**

1. ELEVATIONS ARE IN FEET UNLESS OTHERWISE NOTED.
2. NO DIMENSIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
3. NO REPRESENTATIVE OF THE COUNTY ENGINEER 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 PROFILE 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.
5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 4" OR 6" 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.
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 L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 4, AND PAY A FEE TO THE COUNTY ENGINEER, 850 S. VERMONT, ROOM 405, LOS ANGELES, TO COVER THE COSTS 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, 130 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 OR DEPTH 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 7-18.4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMITS, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1978, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
12. THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEFENSE DIVISION BY TELEPHONE (213) 728-2156 BY LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
13. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE A FEET BELOW CURB GRADE EXCEPT AS NOTED.
14. WYE OR TE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
15. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 8-3 OR PRECAST CONCRETE MANHOLES PER 8-3A, EXCEPT AS NOTED.
16. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
17. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
18. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 308-2.
19. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 8-33, CASE 2, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
20. 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 BRANCH LATERAL PER A.B.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-35, CASE 2, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
21. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", (WITH RUBBERING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 308-2.
22. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 804-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
23. INSURANCE ALL TRENCHES WITHIN PAVED AREAS TO 18" L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
24. FULL COMPLIANCE WITH SEC. 304-1.34 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.

**CONSTRUCTION NOTES:**

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1978 EDITION) WITH 1980 SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1978, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
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PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS** PAGE 1  
 TO BE CONSTRUCTED IN

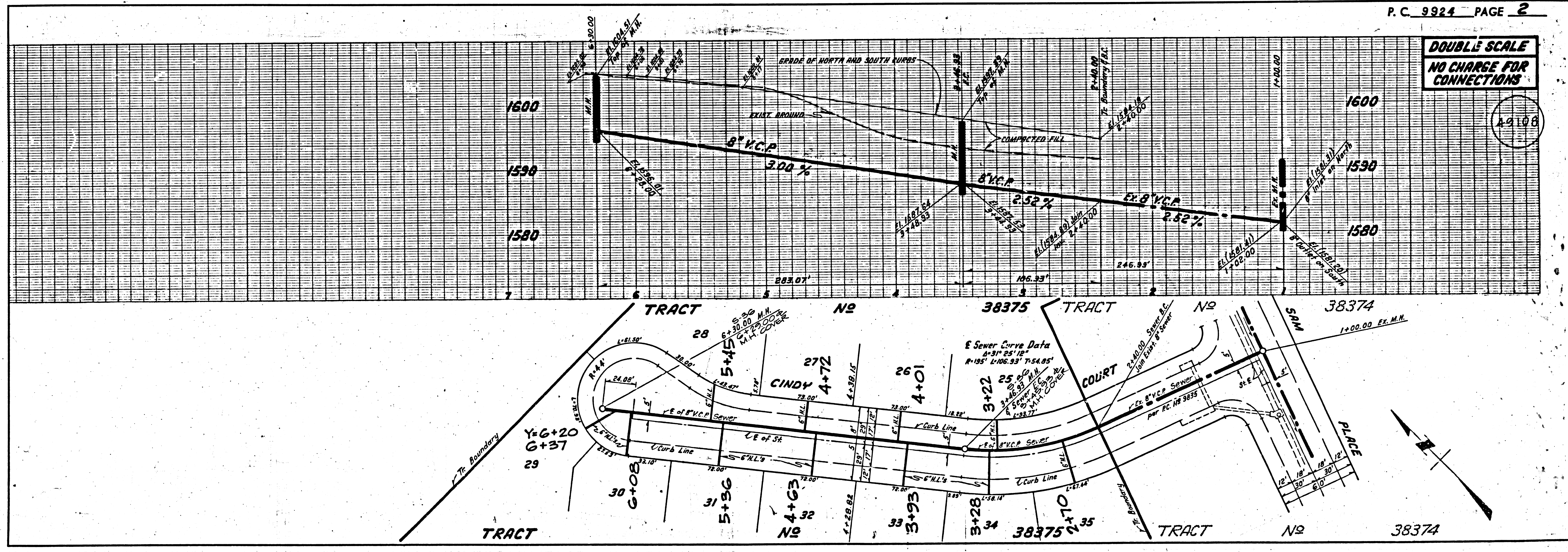
**TRACT NO 38375**  
 PRIVATE CONTRACT NO. 9924

W.S. 26  
 3 SHEETS, 5 PAGES  
 SCALE: VERT. 1" = 4'  
 HORIZ. 1" = 40'  
 OCT 1980  
 PREPARED IN THE OFFICES OF  
**ENGINEERING SERVICE CORPORATION**  
 4575 ADMIRALTY WAY, SUITE 333 - MARINA DEL REY, CA. 90291  
 BY: *Robert L. May*  
 REG. C. E. No. 21649

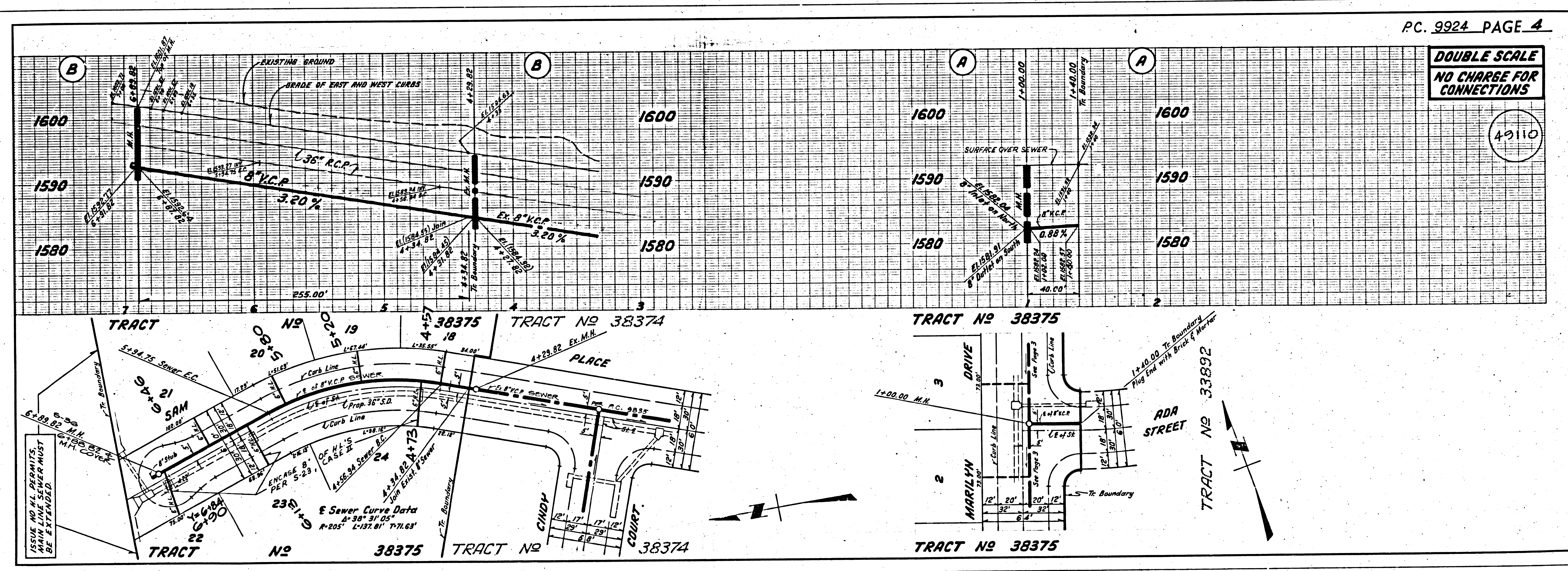
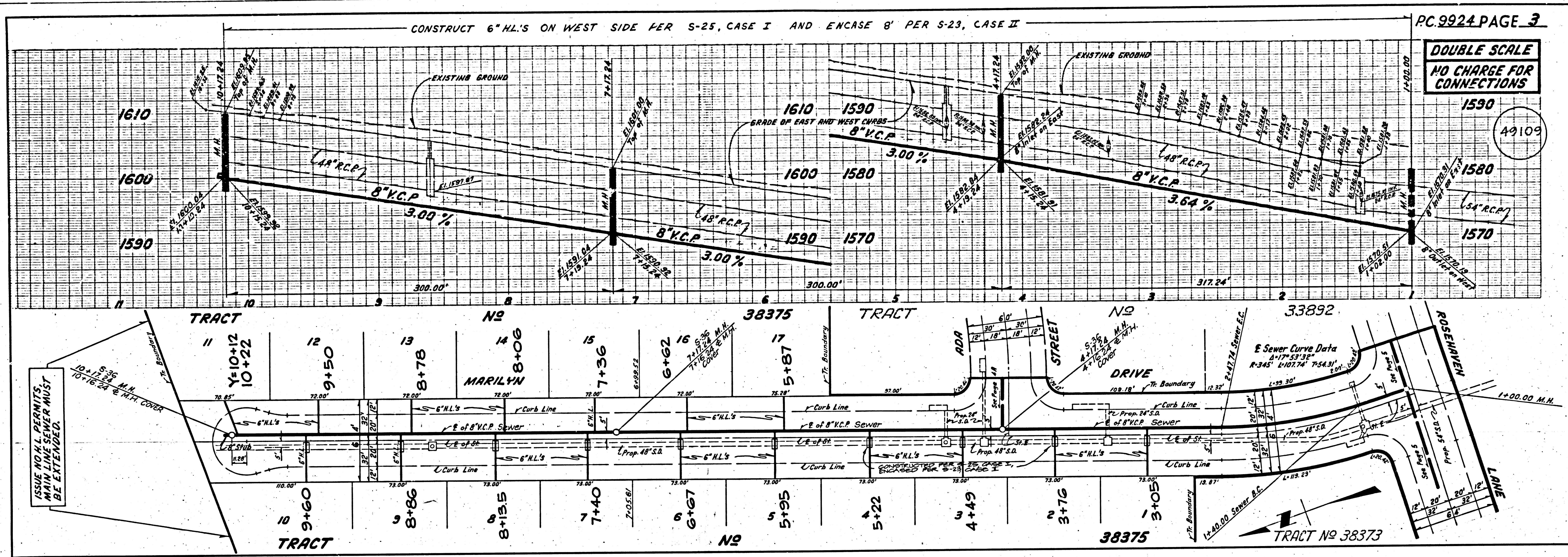
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

ITEM	DESCRIPTION	SECTION
1	MINIMUM PUBLIC SAFETY REQUIREMENTS	8-1
2	BRICK MANHOLE	8-3
3	STANDARD MANHOLE STOP	8-37
4	BEDDING FOR SEWER PIPE	8-31
5	CRADLING AND ENCASEMENT	8-32
6	WYE OR TE SUPPORT	8-36
7	ALLOWABLE TRENCH WIDTHS	8-38
8	LOADING MANHOLE FRAME AND COVER	8-39
9	NON-REINFORCED PRECAST CONCRETE MANHOLE	8-34
10	BEDDING REQUIREMENTS FOR PLASTIC PIPE	8-21

COUNTY OF LOS ANGELES, CALIFORNIA  
 STEPHEN L. ROONEY, COUNTY ENGINEER  
 WALTER E. BARRISON, CHIEF ENGINEER  
 APPROVED: *Robert L. May* 3-4-81  
 CHECKED: *Ralph David Dent* 3/1/81  
 REG. C. E. No. 16583  
 Santa Clarita Valley BLDG. DIST. B.E.  
 APPROVED: *James E. Jinks* 3/10/81  
 OFFICE ENGINEER  
 NEWHALL COUNTY WATER DIST.  
 APPROVED: *James E. Jinks* 3-8-81  
 GENERAL MANAGER



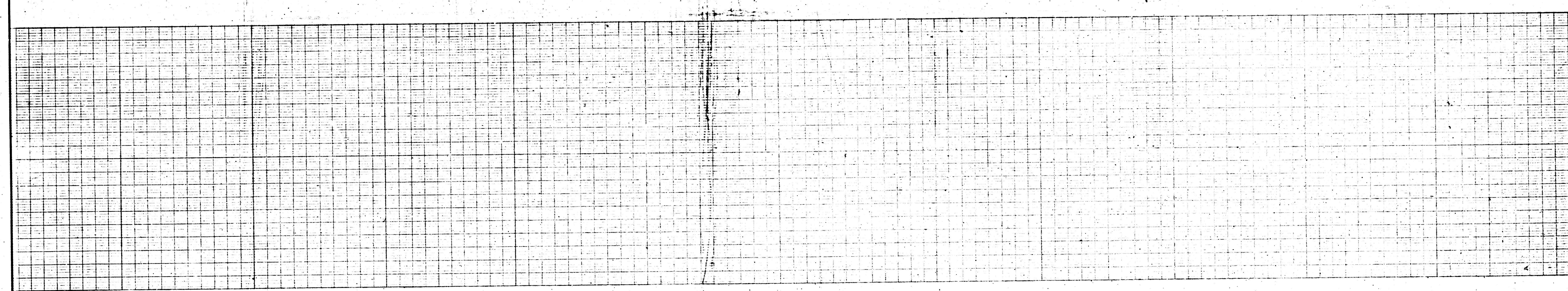
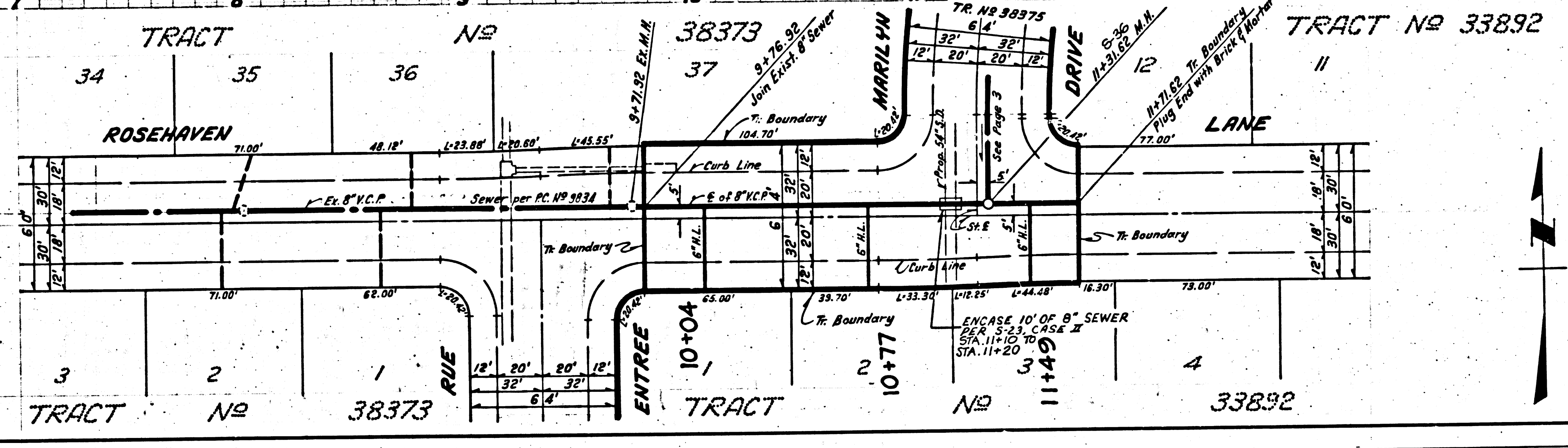
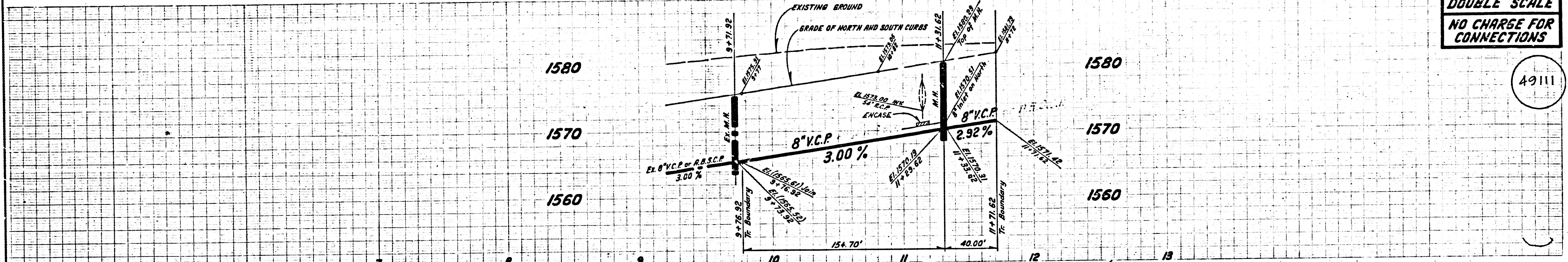
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 BC 2852  
 25883 TDART



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ASCE 29  
2788 T09T

DOUBLE SCALE  
NO CHARGE FOR  
CONNECTIONS

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