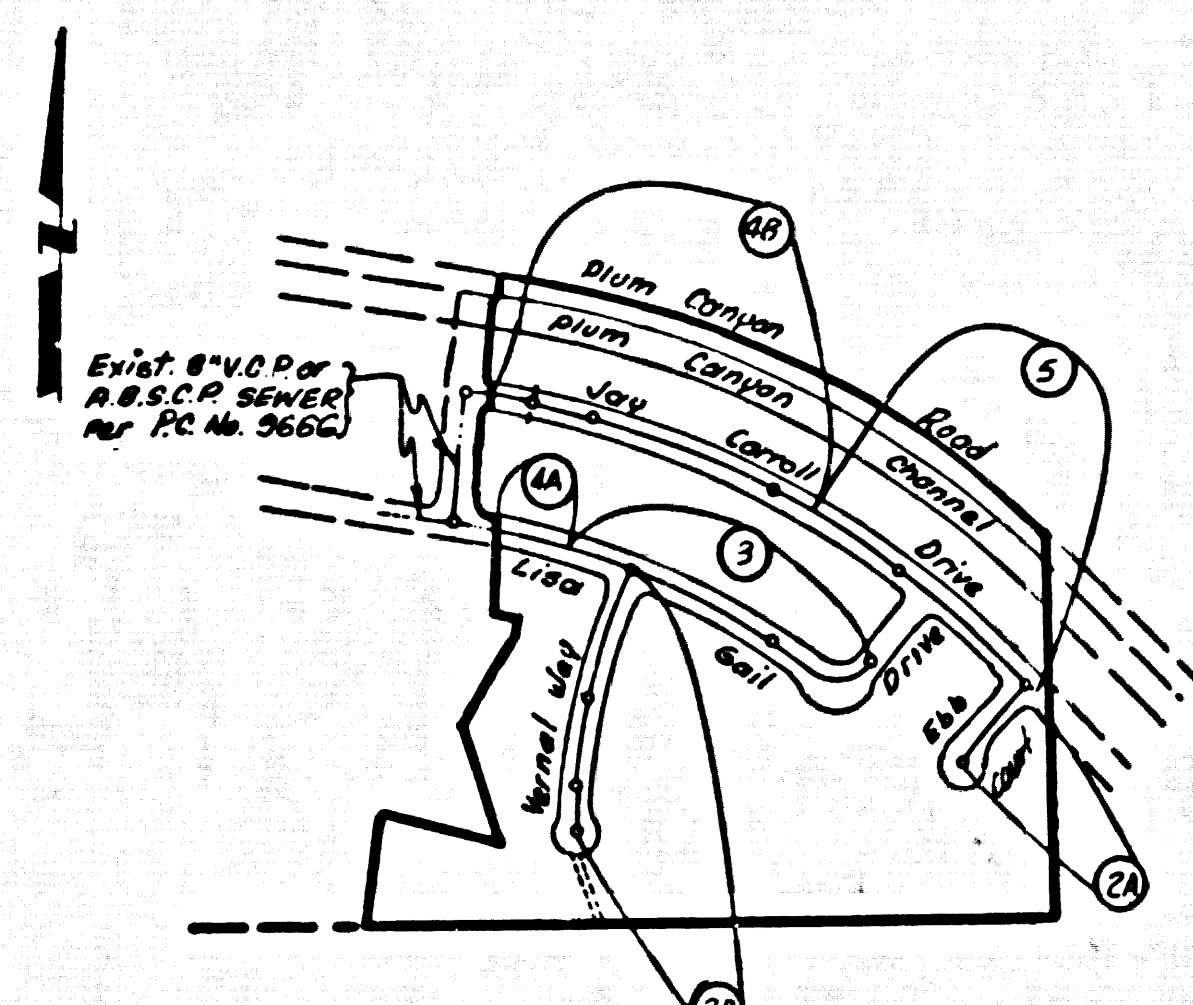


TO BE CONSTRUCTED IN
TRACT No 32615
PRIVATE CONTRACT NO. 9669

W.S. 62
 3 SHEETS, 5 PAGES (47772)
 SCALE: VERT. 1"=4' HORIZ. 1"=40'
 JAN. 1979
 PREPARED IN THE OFFICES OF
ENGINEERING SERVICE CORPORATION
 4878 HOLLYWOOD BLVD., HOLLYWOOD, CALIF. 91601
 BY: *J.R. Marshall*
 REG. C. E. No. 13025

B.M. 81.2963 ELEV. 1301.851
 RD. B.M. TAB N. C.B. 2' E. B.C.R. @
 NE. COR. BOUQUET CANYON RD. &
 URBANALE AVE. 13' HIGH x 20' E. OF E. INT.
 NEWHALL QUAD. 1972

NOTE:
 NUMBERS IN CIRCLES
 INDICATE PAGE NUMBERS



INDEX MAP
 SCALE: 1"=500'
 P.C. 9669
 TRACT No. 32615

- CONSTRUCTION NOTES (CONT.):**
16. 1/2" BRANCHES ONLY MAY BE USED FOR CONNECTIONS TO MAINLINE SEWER IF A B.S.C.P. IS USED.
 17. ALL JOINTS BETWEEN CAST IRON PIPE AND A.B.S.C.P. SHALL BE MADE WITH APPROVED FITTINGS.
 18. FULL COMPLIANCE WITH PART 12 OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S.C.P. AND A.B.S. SHALL HAVE HOUSE LATERALS.
 19. MANHOLE INVERT STOP-BANKS AND CLEAN-OUTS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
 20. A.B.S. SOLID SHALL HAVE TO BE USED FOR INVERT AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.
 21. 2-FOOT DIA. CONNECTIONS SHOULD BE USED TO AVOID MINIMUM RADIUS OF CURVATURE LESS THAN 80'.
 22. A.B.S. COMPOSITE PIPE SHALL BE BEDDED IN CONFORMANCE WITH THE TABLE IN SECTION 8-2.1 OF PART 12 OF THE SPECIAL PROVISIONS.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTE WATER 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 962-8600, SO THAT REQUIRED INSPECTION CAN BE MADE.

**1550E-NO PERMITS UNTIL
 PC 9669 TRACT No. 32615
 IS ACCEPTED.**

**PRIVATE ENGINEER'S
 NOTICE TO CONTRACTOR**

The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of our knowledge there are no existing utilities except as shown on this map.

The Contractor is required to take precautionary measures to protect the utility lines shown and any other lines not of record or not shown on this drawing.

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.

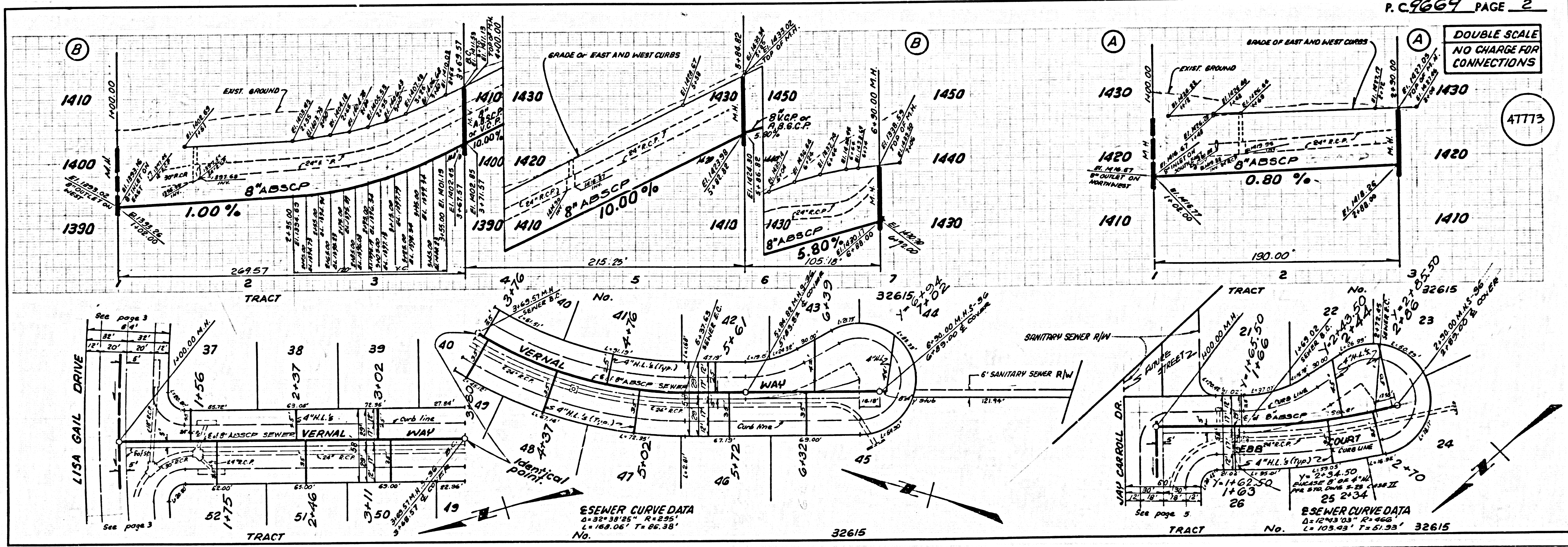
- GENERAL NOTES:**
1. ELEVATIONS ARE BY THE ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREET, OR CENTER LINE OF ALLEY 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.
 5. 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.
 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 BELOW THE L.A. COUNTY ROAD DEPT. DISTRICT OFFICE NO. 5... AND PAY A FEE TO THE COUNTY ENGINEER, 550 SOUTH VERMONT AVE., ROOM 408 LOS ANGELES, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 8. IF WORK IS TO BE DONE BY A STATE WORKMAN, 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 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 12.01 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY CHAINS.
 11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER COPIES 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 BUSINESS COMPLETION INSURANCE FROM THE DEPARTMENT OF COUNTY ENGINEER, 550 SOUTH VERMONT AVE., ROOM 408 LOS ANGELES, CALIFORNIA, 90011, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

- CONSTRUCTION NOTES:**
1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1978 EDITION WITH 1977 SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 8-23-78.
 2. THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY TELEPHONE 819-7266 AT LEAST TWENTY FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FIVE BELOW CURB GRADE EXCEPT AS NOTED.
 4. WYE OR T BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 5. ALL STRUCTURES SHALL BE BUILT PER SPEC. MANHOLE PER 8-2 OR PRECAST CONCRETE MANHOLES PER 8-26, EXCEPT AS NOTED.
 6. PROFILE 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 PORTS OF WAY TO BE SET SEVEN FEET BELOW FINISHED GRADE.
 8. VENTING CLAY PIPE JOINTS SHALL BE TYPE "P", "T", OR "C" PER THE STANDARD SPECIFICATIONS SECTION 8-2.1.
 9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 8-26, CASE 3, TWO FEET ON 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 MANHOLE OR STRUCTURE, EITHER A 6" OR 8" POLYETHYLENE SANDWICH UNDERDRAIN OR A PER 8-26, CASE 3, SHALL BE OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 11. ALL JOINTS BETWEEN CAST IRON PIPE AND VENTING CLAY PIPE SHALL BE MADE WITH A RUBBER SURVEY JOINT, TYPE "C" OR "T", WITH GASKETS IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 8-2.1.
 12. SEWERS TO BE BUILT FOR MANHOLES PER SECTION 8-2.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 13. REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 14. FULL COMPLIANCE WITH SECTION 8-2.2 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR EACH WELL IN STREET. CERTIFICATION OF SUFFICIENT 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.

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

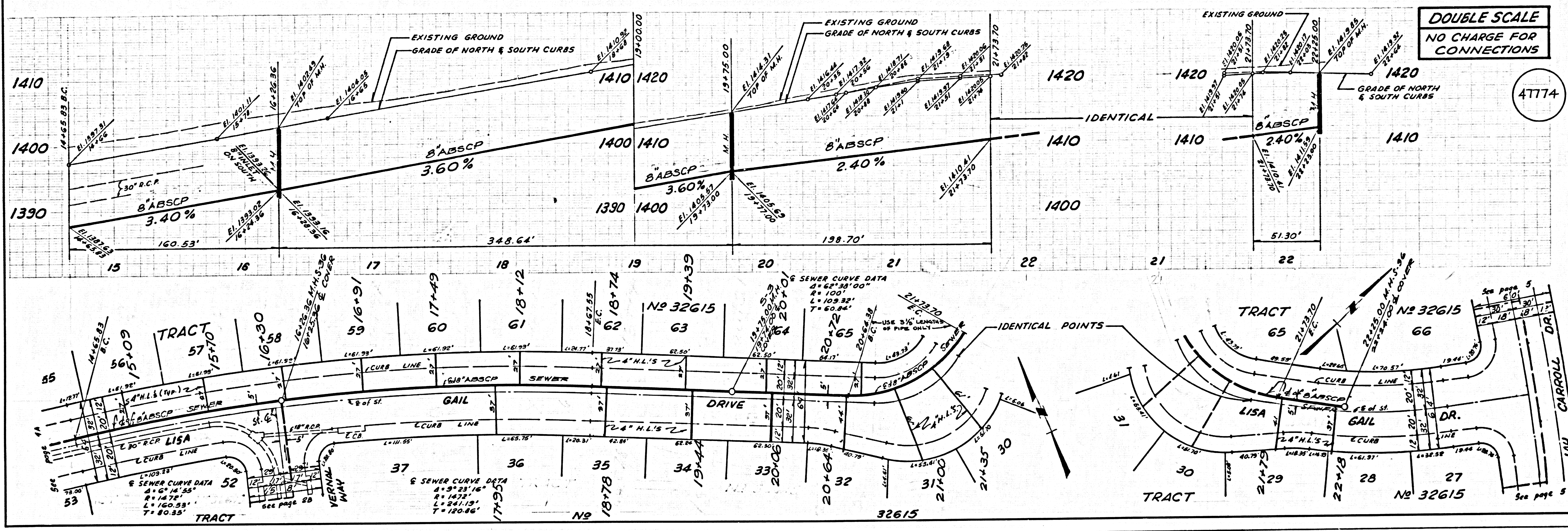
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COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. KRANKE, COUNTY ENGINEER
 WALTER E. GARRISON, CHIEF ENGINEER
 CO. SAN. DIST. 9
 APPROVED: *Holton W. Kiege* 8-23-78
 APPROVED: *John J. Faller*
 CHECKED: *Ralph David Sicut* 8/23/79
 REG. C.E. NO. 11933
 SANTA CLARITA BLDG. DIST. 9-2



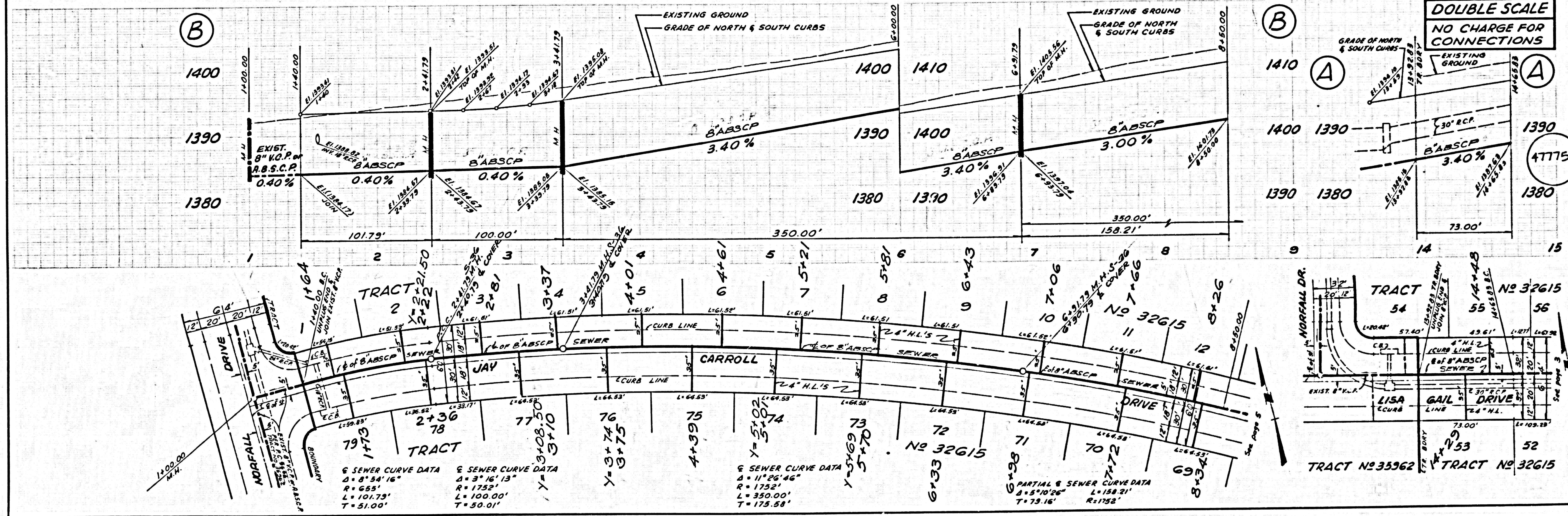
DOUBLE SCALE
NO CHARGE FOR
CONNECTIONS

4774



DOUBLE SCALE
NO CHARGE FOR
CONNECTIONS

4775



DOUBLE SCALE
NO CHARGE FOR
CONNECTIONS

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