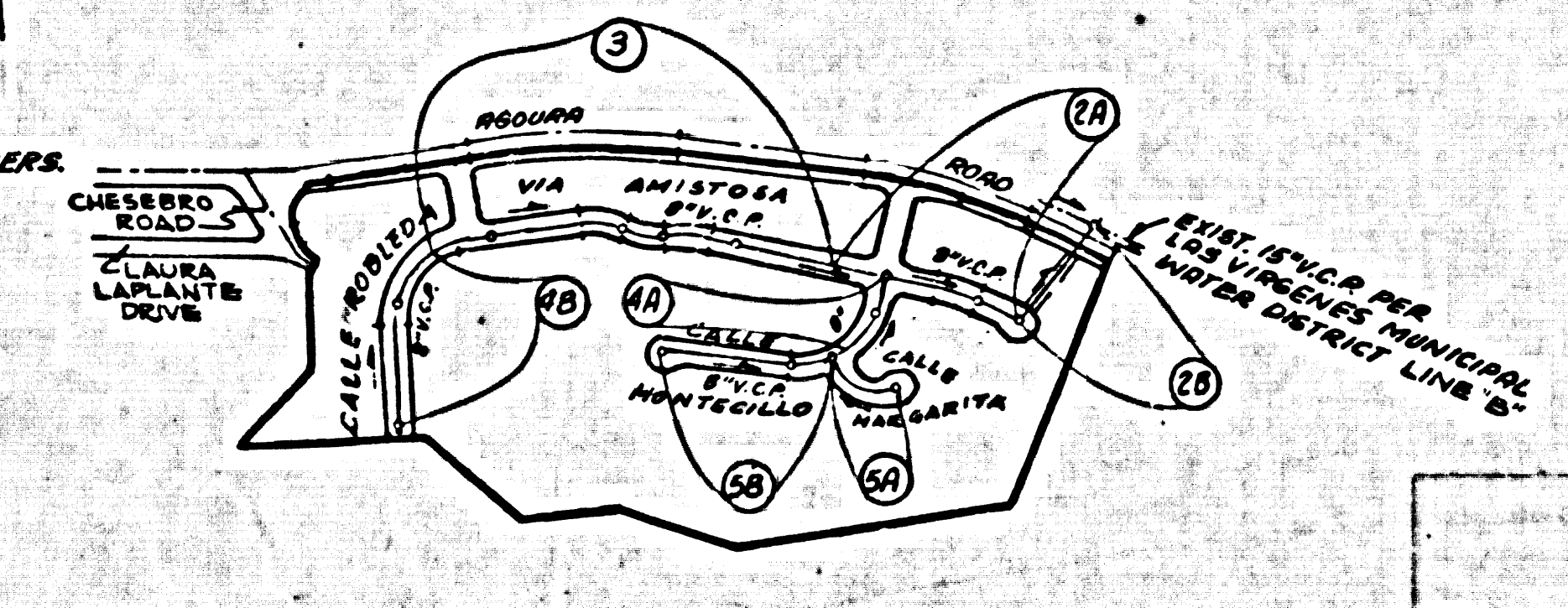


B.M. 84. 8063 ELEV. 940.201  
 C.S.B.M. FROM 10 IN. UP 35 FT 8 IN. 337 FE  
 6 INCH. SQUARE. NO. 7. QUINCY ROAD. TO  
 N. 1460 (S. 75-11A 1963)  
 MALIBU QUAD. 19 72

**DOUBLE SCALE**

**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 FOR THIS DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION.  
 B. ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TEST D698-57 T AS MODIFIED ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

NOTE:  
 NUMBERS IN CIRCLES  
 INDICATE PAGE NUMBERS



**INDEX MAP**  
 SCALE 1" = 800'

TR. N<sup>o</sup> 32678  
 P.C. 9647

**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 SURVEY M.S.C. & S.E. SEA LEVEL DATUM OF 1929.
2. NO ELEVATIONS 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 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.
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 STAGES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. HOUSE LATERALS SHALL BE CONSTRUCTED BY A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CURBS 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 TOP HOUSE LATERAL BOTH 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. 10, AND PAY A FEE TO THE COUNTY ENGINEER'S OFFICE, 200 WEST 10TH STREET, LOS ANGELES.
8. 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 PIPES, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
9. REFER TO SECTION 7028.43 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY CUES.
10. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FROM THE LOCAL AGENCIES AND SHALL BE RESPONSIBLE FOR THE COST OF SUCH PERMITS.

**CONSTRUCTION NOTES:**

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1976 EDITION) WITH 1977 SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 8/22/79.
2. THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY TELEPHONE 891-2524 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH SURVEY AT PROPERTY LINE 6 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 BUILT WITH CONCRETE PER 5.0 OF THE STANDARD SPECIFICATIONS PER 5.26, EXCEPT AS NOTED.
6. MOVING STAKES ON THE PROPERTY LINE OR PROPERTY LINE INDICATES AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE 18 INCHES ABOVE FINISHED GRADE.
8. WITHIN CLAY PIPE JOINTS SHALL BE 1/8" TO 1/4" OF THE STANDARD SPECIFICATIONS SECTION 506-2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 5.26, CASE II, 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 MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 5.26, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER GASKET JOINT, TYPE "C" OR "D", FORTH EDITION OF STANDARD SPECIFICATIONS, SECTION 506-1.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 506-1.6 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. REPAIRS 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 506.1.5.6 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.

TO BE CONSTRUCTED IN  
**TRACT No. 32678**  
**PRIVATE CONTRACT NO. 9647**

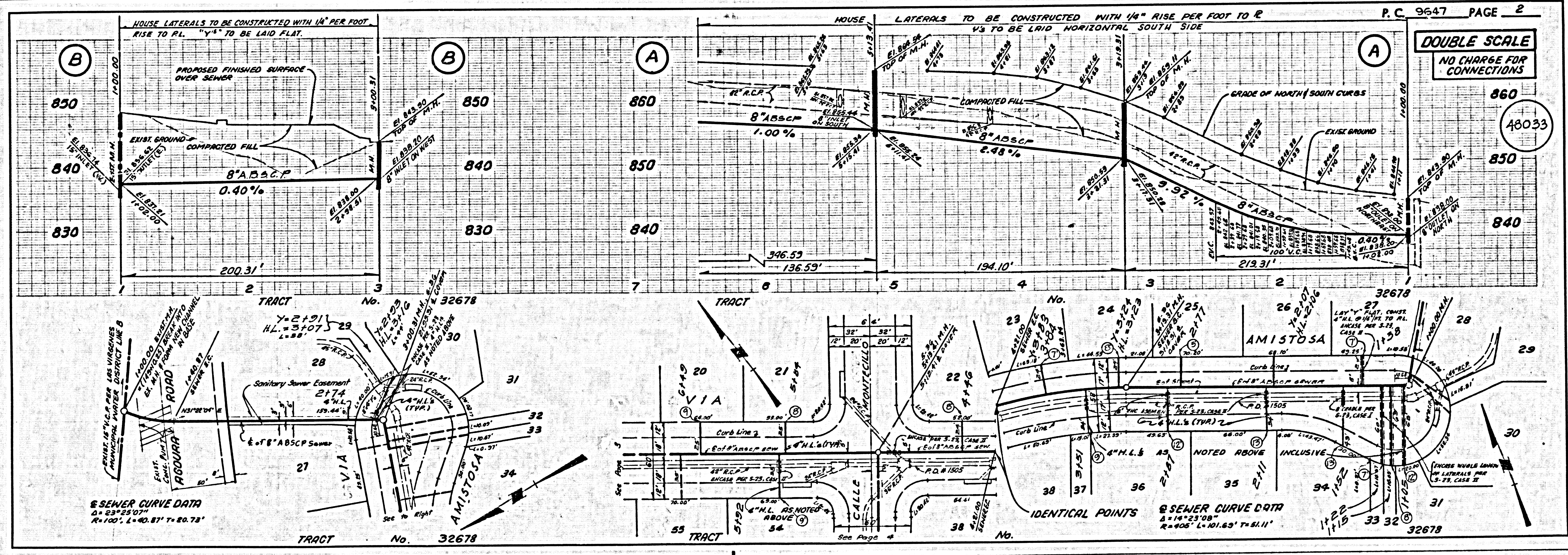
INDEX  
 W.S. 48032  
 3 SHEETS, 5 PAGES  
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40'  
 APRIL, 1979  
 PREPARED IN THE OFFICES OF  
**ENGINEERING SERVICE CORPORATION**  
 2774 ADAMS AVENUE, VAN NUYS, CALIFORNIA 91411  
 BY: *J. W. Stokes*  
 REG. C. E. No. 13032

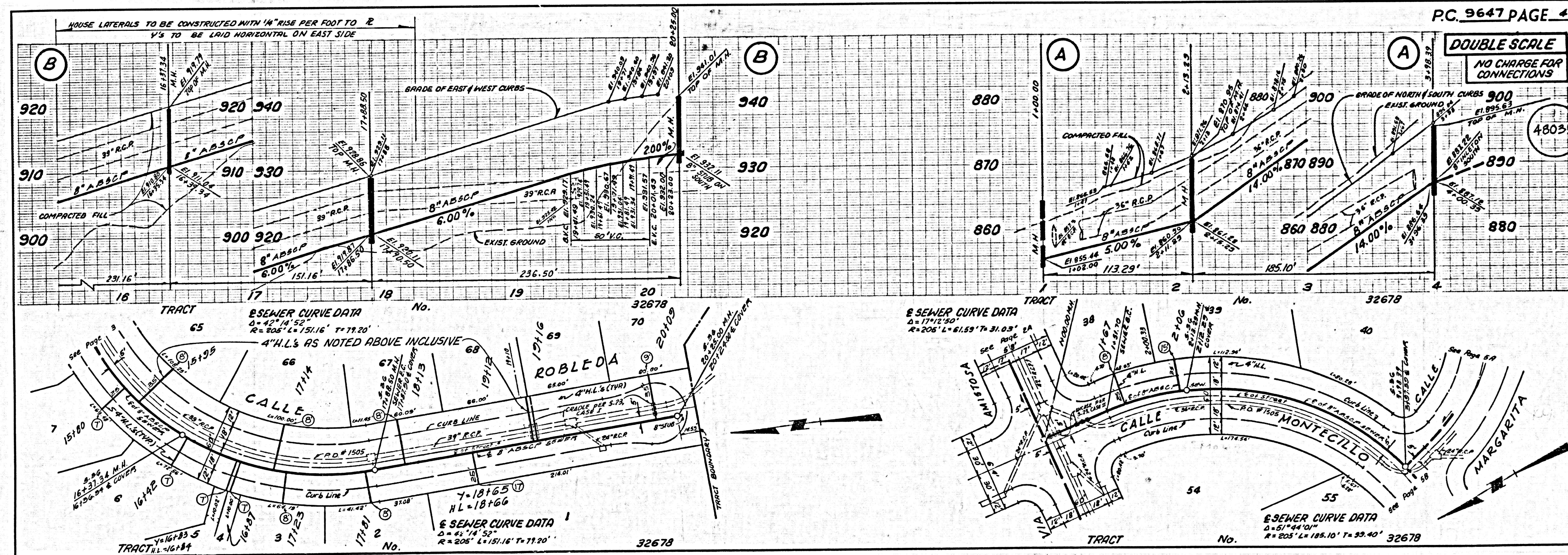
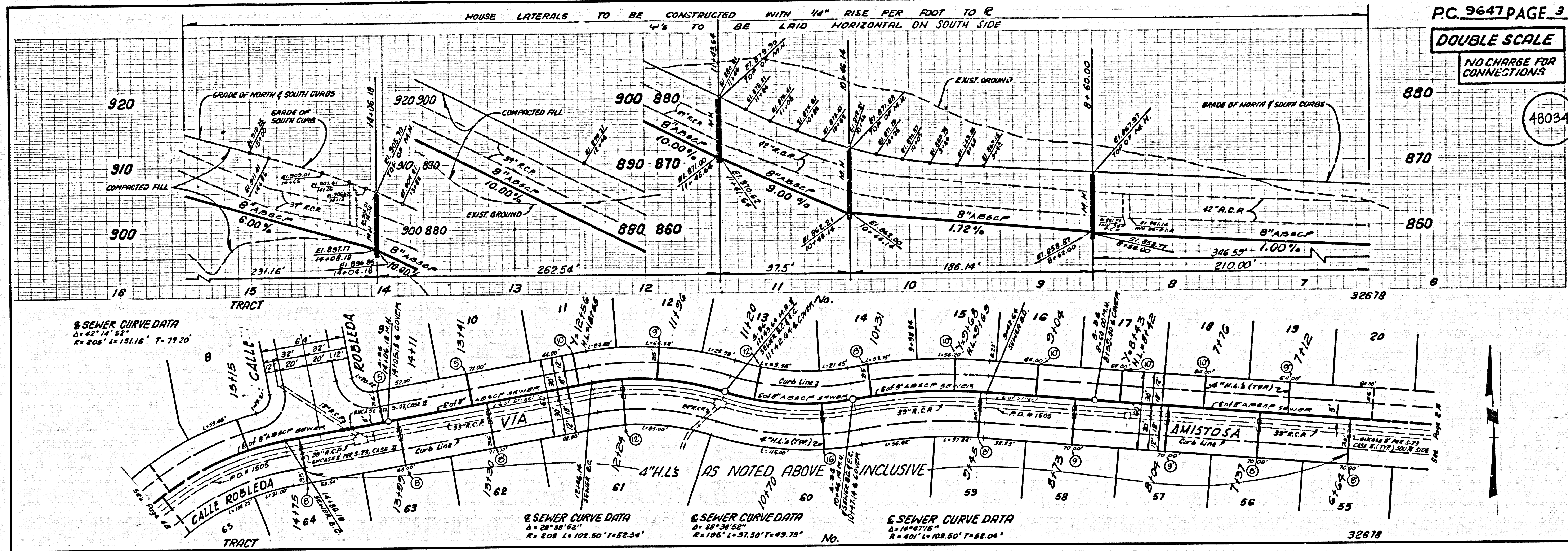
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

SECTION 506-1.1	MINIMUM PUBLIC SAFETY REQUIREMENTS	5.0
SECTION 506-1.2	BRICK MANHOLES	5.0
SECTION 506-1.3	STANDARD MANHOLE FITTINGS	5.0
SECTION 506-1.4	SEWERING FOR SEWER PIPES	5.0
SECTION 506-1.5	CALCULATING AND INCASEMENT	5.0
SECTION 506-1.6	WYE OR TEE SUPPORT	5.0
SECTION 506-1.7	ALUMINUM BRIDGE WITHIN	5.0
SECTION 506-1.8	LOADING MANHOLES PLANS AND COVER	5.0
SECTION 506-1.9	NON-REINFORCED PRECAST CONCRETE MANHOLES	5.0
SECTION 506-1.10	SHEDDING FOR HOUSE LATERALS	5.0

COUNTY OF LOS ANGELES, CALIFORNIA  
 LAS VIRGENES MUNICIPAL WATER DISTRICT  
 J. W. KOOZEC, COUNTY ENGINEER

APPROVED: *Jordan W. Keyser* 8-9-79  
 APPROVED: *H. W. Stokes* 12-18-79  
 CHECKED: *Robert Davis* 5/19/79  
 REG. C. E. No. 16983  
 CALIFORNIA BLDG. DIST. 31



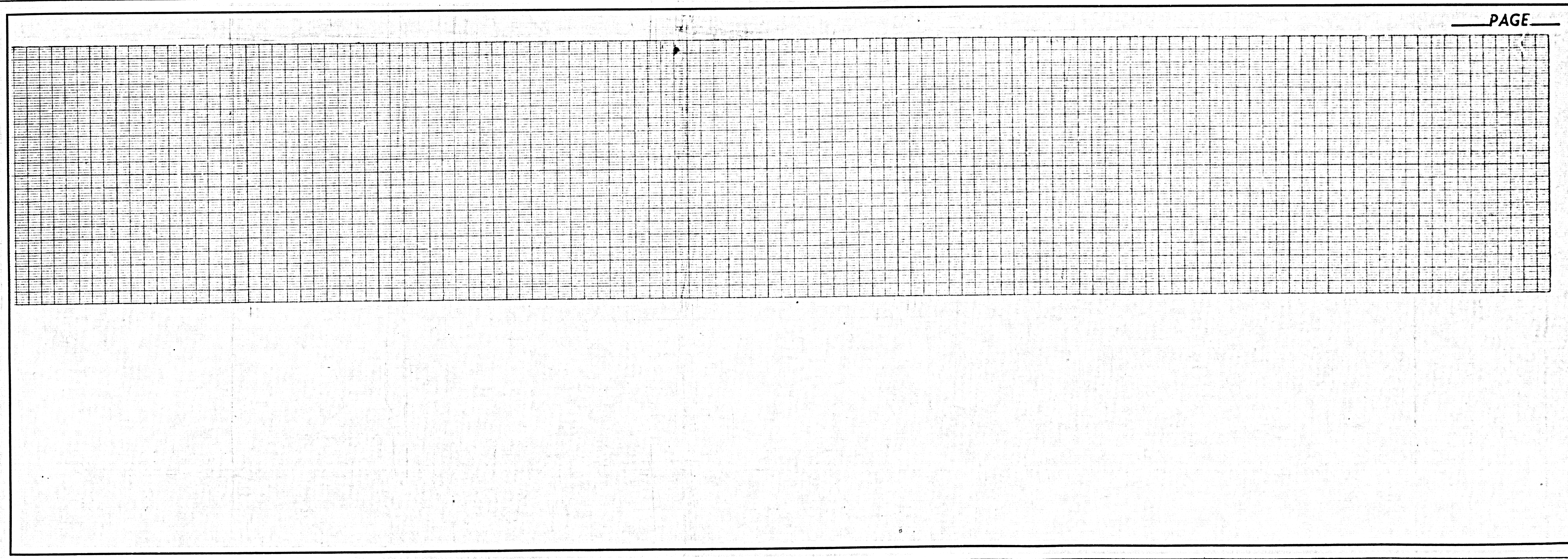
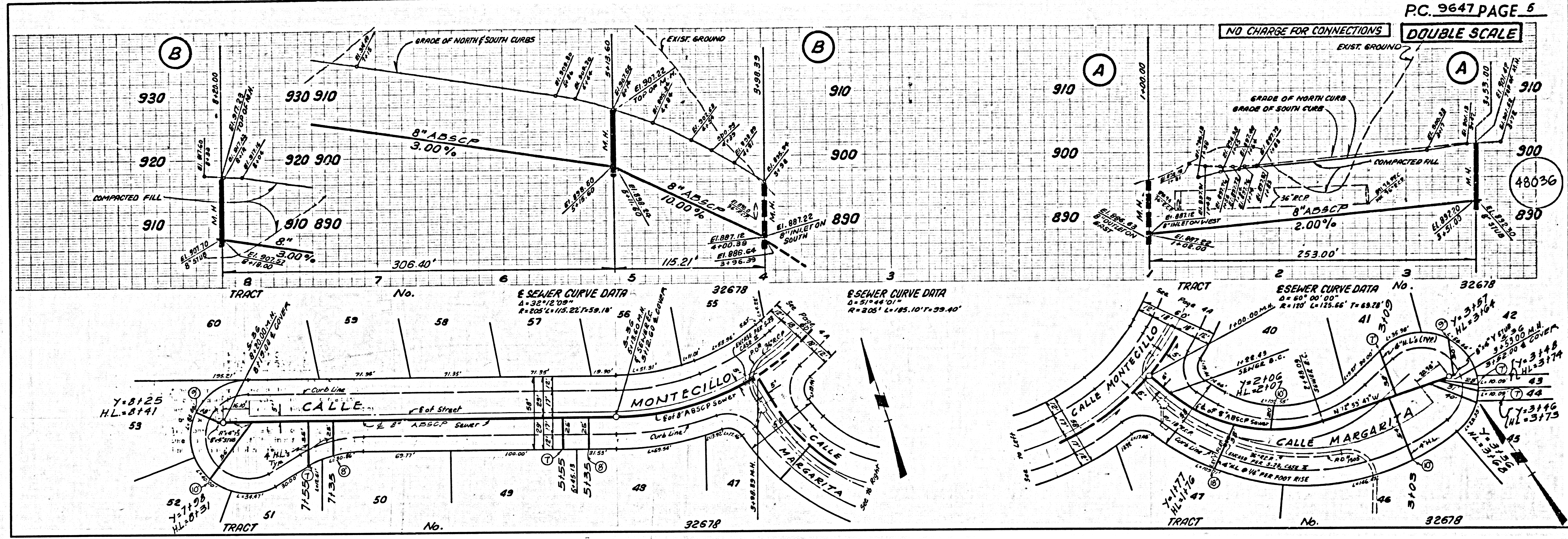


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NO CHARGE FOR CONNECTIONS DOUBLE SCALE



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