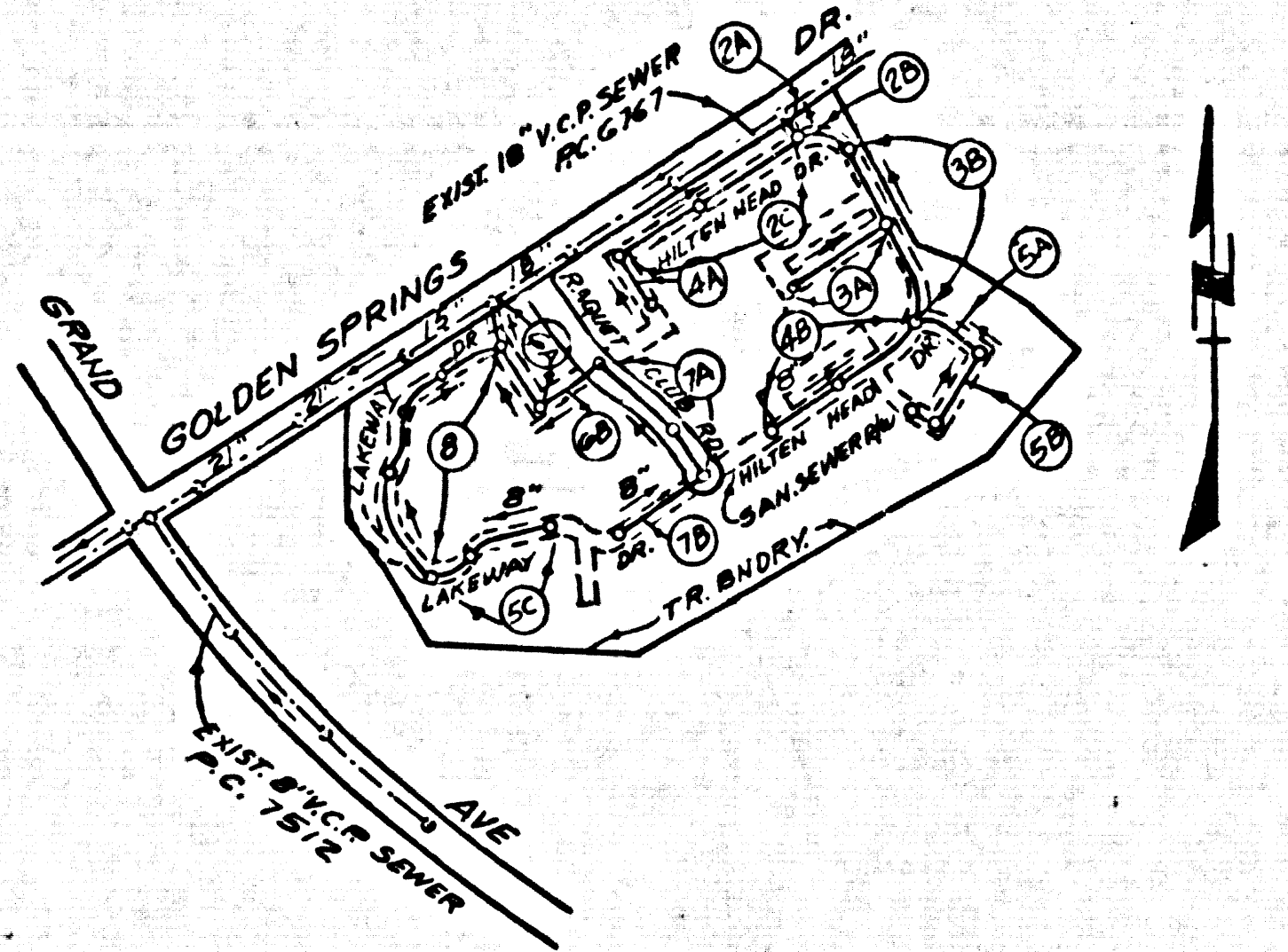


B.M. CG 3900 ELEV 742.683  
 PDBM TAG IN N EDGE C.B.  
 68 FT. 5 + 42 FT W CL INF  
 GOLDEN SPRINGS DR +  
 GRAND AVE  
 OTTERBEIN QUAD. 19 75

**PRIVATE ENGINEERS NOTICE TO CONTRACTORS**

The existence and location of any underground utility pipes or structures shown on these plans are obtained by search of the available records. To the best of our knowledge there are no existing utilities except as shown on these plans. The contractor is required to take due precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.

*J. J. ...*  
 Registered Engineer R.C.E. 19233



NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS.

INDEX MAP  
 TR. NO. 36346  
 P.C. 9866  
 SCALE: 1"=600'

NO INFORMATION FOR THE DEPARTMENT OF PUBLIC WORKS...  
 THE CONTRACTOR SHALL OBTAIN & FILE WITH THE COUNTY ENGINEER...  
 THE CONTRACTOR SHALL OBTAIN & FILE WITH THE COUNTY ENGINEER...  
 THE CONTRACTOR SHALL OBTAIN & FILE WITH THE COUNTY ENGINEER...

**GENERAL NOTES:**

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN LEVEL DATUM OF 1929.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- GRADES TO WHICH THE IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS BETWEEN DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "T" BRANCHES AND SHALL PROVIDE STAGES FOR THEM AT THESE 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.
- 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.
- 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. 1, AND PAY A FEE TO THE COUNTY ENGINEER, 550 S. VERMONT AVE., LOS ANGELES, CALIF. 90005, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- 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.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR OF THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
- REFER TO SECTION 191.01 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY COFFERS.
- REFER TO THE SPECIFICATIONS FOR THE REPAIR AND MAINTENANCE OF PUBLIC WORKS CONSTRUCTION PROJECTS, THE CONTRACTOR SHALL OBTAIN & FILE WITH THE COUNTY ENGINEER, COUNTY OF LOS ANGELES, 550 S. VERMONT AVE., LOS ANGELES, CALIF. 90005, A PERMIT FOR EXCAVATION & TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY & A CERTIFICATE OF NECESSARY CONFORMANCE, IN ACCORDANCE WITH THE EMPLOYMENT OF COUNTY ENGINEER, 550 SOUTH VERMONT, ROOM 406, LOS ANGELES, CALIFORNIA, 90005, MARKED AS THE CERTIFICATE HOLDER. TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF PERMIT.

**CONSTRUCTION NOTES:**

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1976 EDITION WITH THE SUPPLEMENTARY AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1976. AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION, 550 S. VERMONT AVE., LOS ANGELES, CALIF. 90005, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THE CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-23 OR PRECAST CONCRETE MANHOLES PER S-24, EXCEPT AS NOTED.
- PROVIDE STAGES ON THE PROPERTY LINE OR PROPERTY LINES PROVIDED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED AREAS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- VERTIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", OR "D" PER STANDARD SPECIFICATIONS SECTION 306.5.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- 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 S-23, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BUSHING, IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 306.5. THIS APPLIES TO ALL JOINTS APPROVED BY THE COUNTY ENGINEER.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306.7.2 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- ENSURE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 306.1.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SOIL EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- SPECIAL MANHOLE IN EASEMENT CONSTRUCTION:  
 (A) BACKFILL TRENCH & MANHOLE CONSTRUCTION SHALL BE AS TO ACHIEVE THE INTENDED OR FINISHED GRADE & SURFACE SHOWN ON THE EASEMENT PLAN APPROVED FOR THIS DEVELOPMENT BY THE BUREAU OF SANITARY DIVISION.  
 (B) ALL BACKFILL & EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% MINIMUM DENSITY PER A S.T.M. 970, METHOD OF TESTING SHALL BE AS NOTED. ACCEPTABLE CERTIFICATION OF SOIL COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

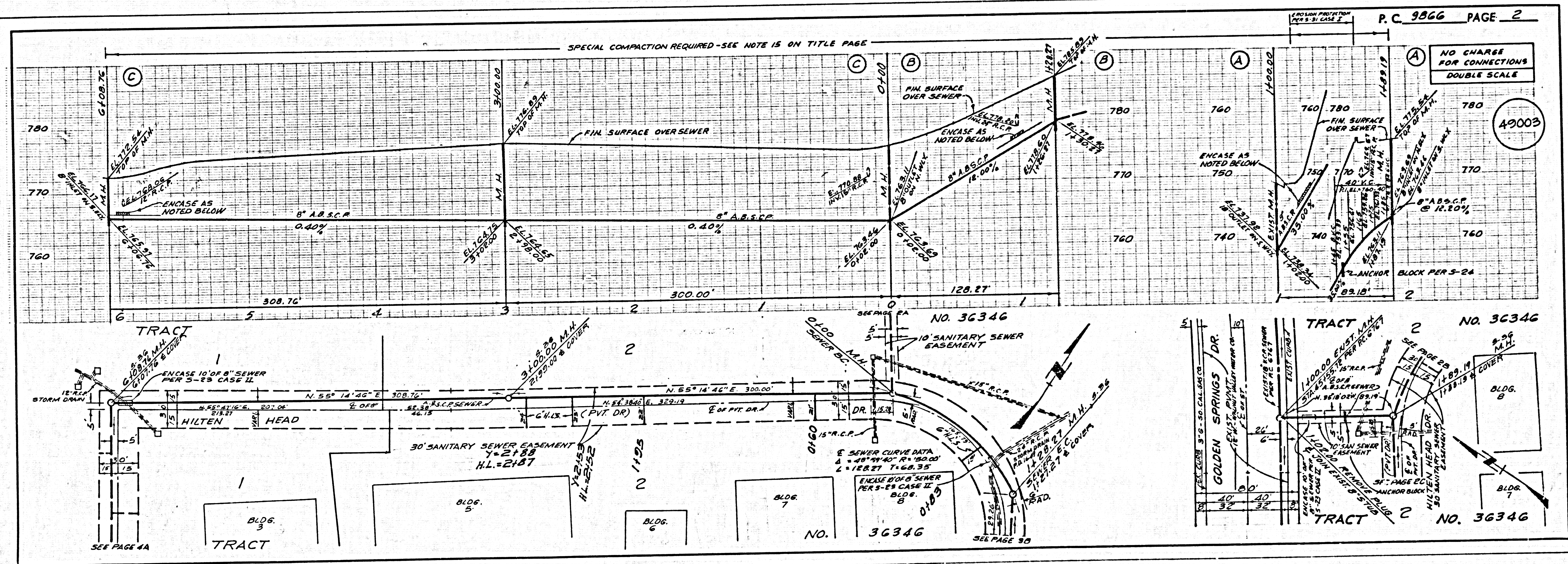
TO BE CONSTRUCTED IN  
**TRACT No 36346**  
**PRIVATE CONTRACT NO. 9866**

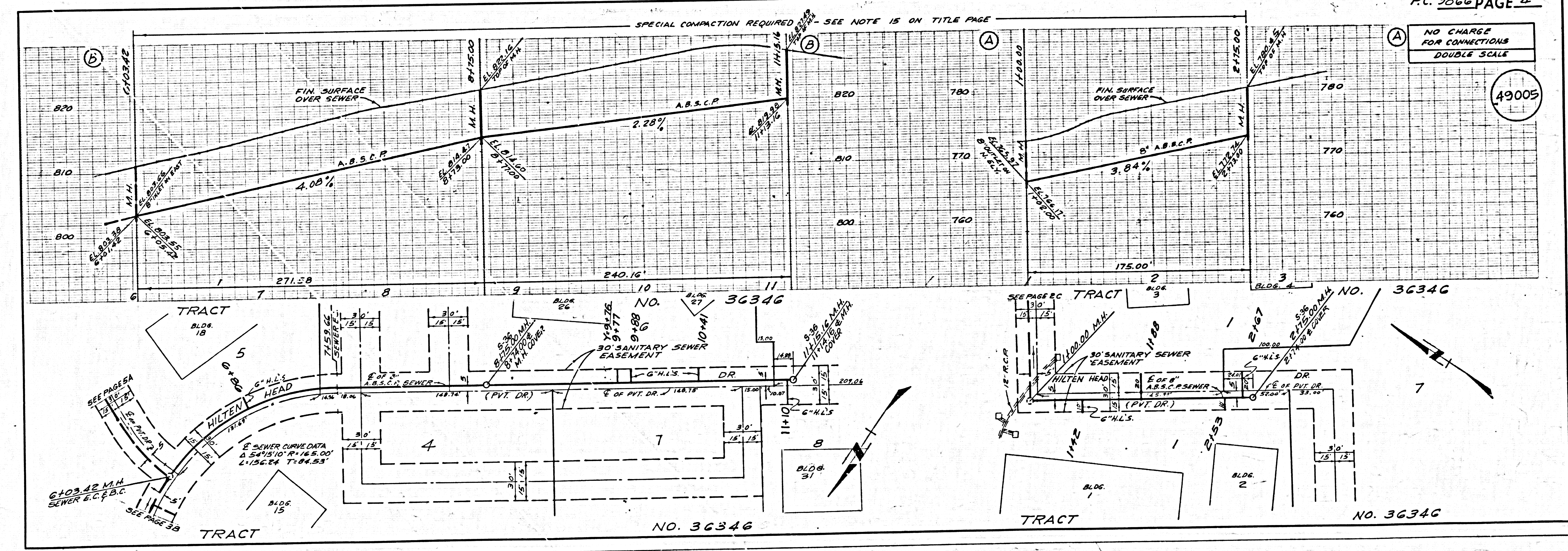
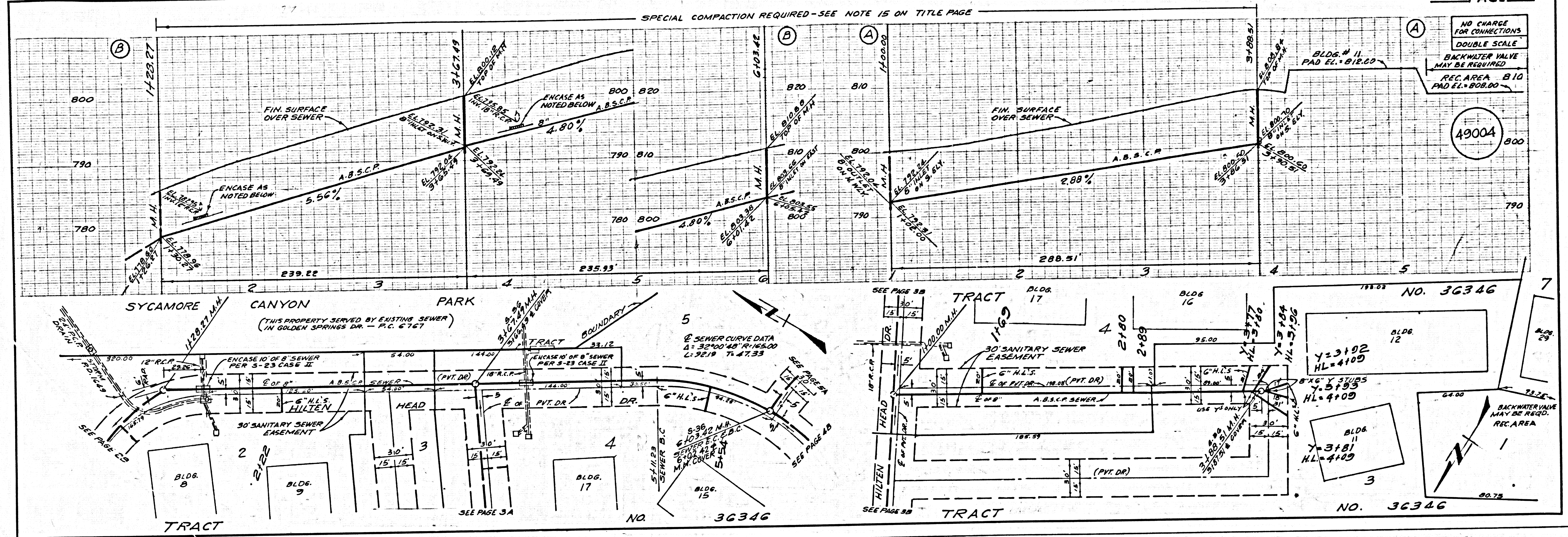
W.S. 39-C3  
 4 SHEETS, 8 PAGES (49002)  
 SCALE: VERT. 1"=8' HORIZ. 1"=40'  
 DATE: JUNE 1980  
 PREPARED IN THE OFFICES OF  
 LIND & HILLERBLAD, INC.  
 2065 HUNTINGTON DRIVE  
 SAN MARINO, CA. 91088  
 BY: *J. J. ...*  
 REG. C. E. No. 19233

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. KOENIG, COUNTY ENGINEER  
 APPROVED: *John Miller 9/10/80* (SAN DIMAS REGIONAL ENGINEER)  
 CHECKED: *John D. ... 9/10/80* (DATE)  
 REG. C.E. NO. 16783  
 SAN DIMAS BLDG. DIST. 10.00





36346 SEWER ON TRACT

