

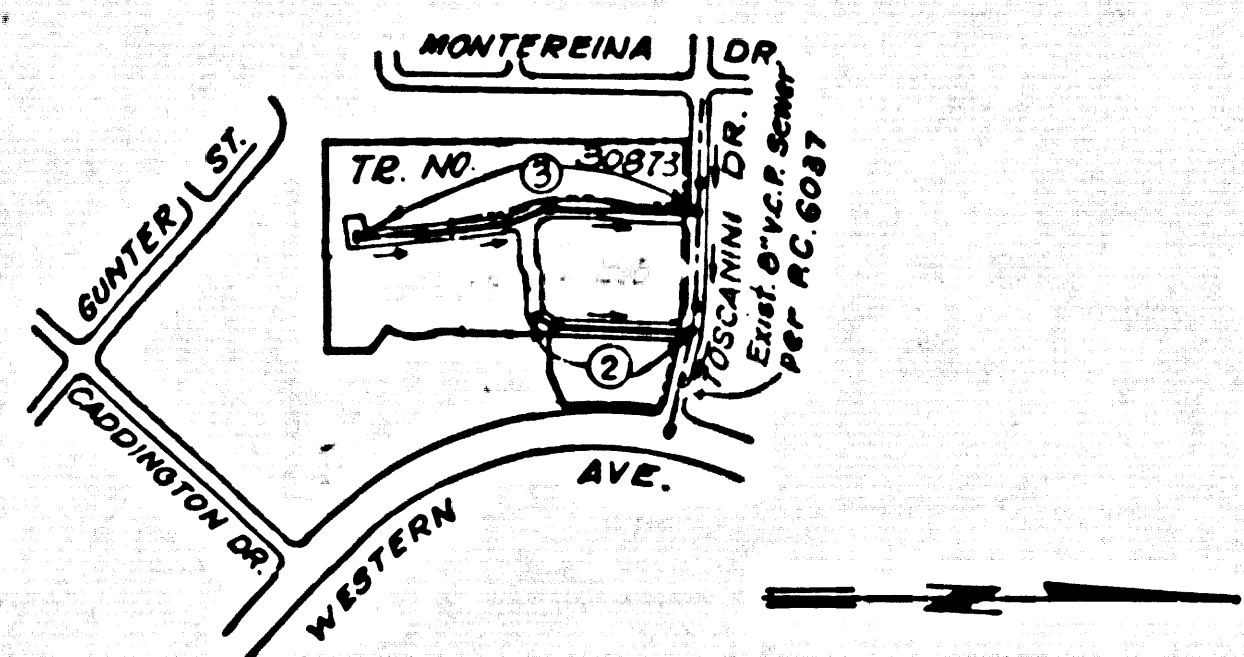
**TRACT NO. 30873**  
**PRIVATE CONTRACT NO. 8961**

W.S. 28  
 - 2 SHEETS, - 3 PAGES  
 SCALE: VERT. 1" = 4'  
 HORIZ. 1" = 40'  
 JULY, 1973  
 PREPARED IN THE OFFICES OF  
**SHAW ENGINEERING ASSOCIATES**  
 12505 BURBANK BLVD. VAN NUYS, CALIF.  
 BY: *John R. Peira*  
 REG. C. E. No. 9812

B.M. BY 7291 ELEV. 229.423  
 CS Mon Fl in C.B. & SW Cor Western  
 Ave. & Toscanini Dr. 20 Ft. 3" x 25 Ft.  
 W.C.L. into MKD (DM 35-5A 1964)  
 Palos Verdes QUAD. 1970

\*Full compliance with Section 306-1.3 of the special provisions will be required for back fill in Streets Certification of back fill 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.

- 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.
  - CHANGES TO WHICH THE IMPROVEMENTS ARE 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 BETWEEN SAID DESIGNATED POINTS.
  - 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.
  - THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL BIRTH AT THE PROPERTY LINE SHOWING 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 INC. 911 AND PAY A FEE TO THE COUNTY ENGINEER, PALOS VERDES CENTRALES VALLEY REGIONAL OFFICE, 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 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.
  - REFER TO SECTION 7-16.4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY DEVICES.



INDEX MAP  
 Scale 1" = 600'  
 P.C. 8961  
 TRACT NO. 30873

Note: Number in Circle indicate page Number.

No connections for the disposal of industrial wastes shall be made to sewers shown on these drawings without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.

County Sanitation Districts shall be notified prior to the following so that required inspection can be made. (Phone 838-1101)

ACCEPTANCE OF THE PROJECT

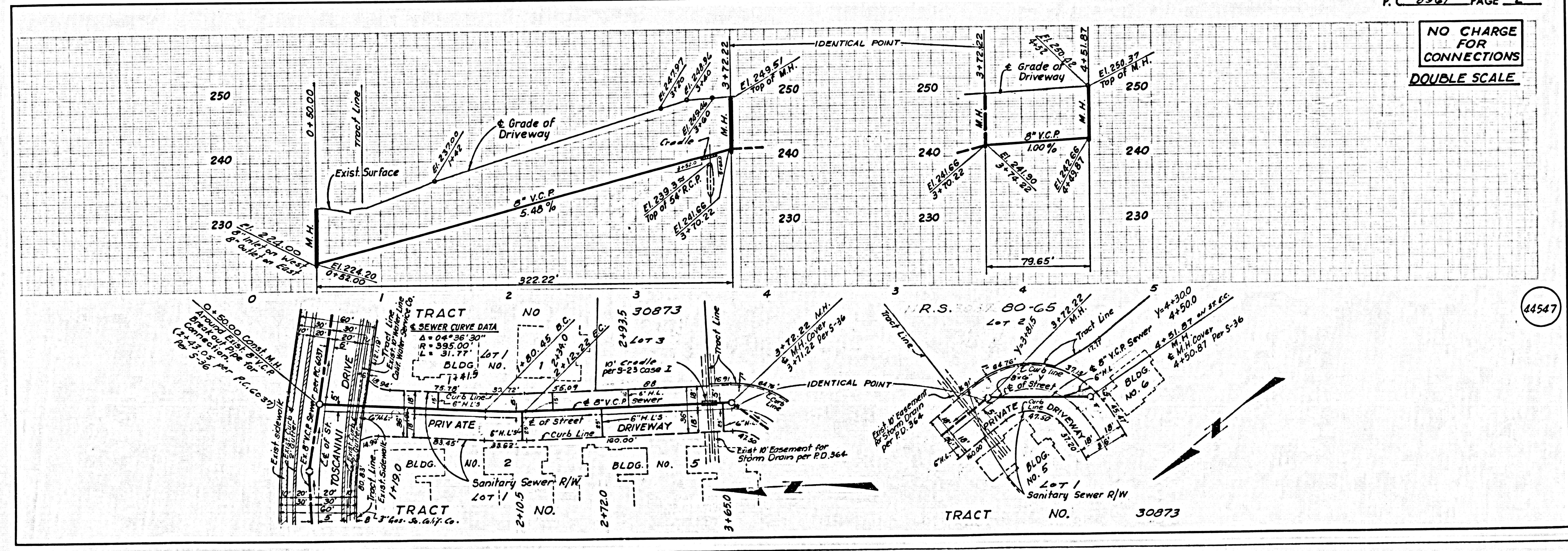
- CONSTRUCTION NOTES:**
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1972 EDITION) WITH THE AMENDMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 12/11/1972 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
  - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, 374-2331 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE A FEET BELOW 1/2" GRADE OF PRIVATE DRIVEWAYS.
  - WYE OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
  - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-36, EXCEPT AS NOTED.
  - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  - MANHOLES FOR UNIMPROVED RIGHTS OF WAY TO BE 24 INCHES ABOVE FINISHED GRADE.
  - VERTICAL CLAY PIPE JOINTS SHALL BE TYPE "B", "P", OR "D" PER STANDARD SPECIFICATIONS SECTION 308-3.
  - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-25, 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-25, 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", FIFTH EDITION IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 308-2.
  - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-2.2.7 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
  - RESURFACE 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 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.

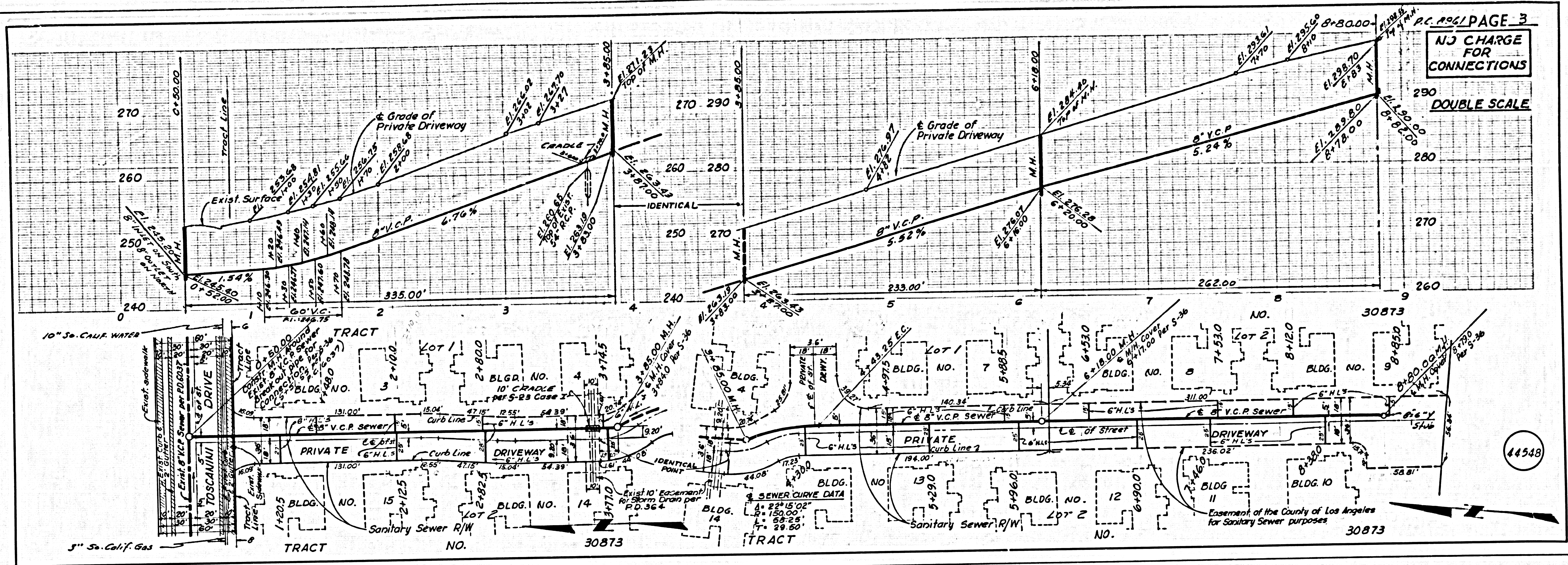
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COUNTY OF LOS ANGELES, CALIFORNIA  
 HARVEY T. BRANDT, COUNTY ENGINEER JOHN D. PARKHURST, CHIEF ENGINEER  
 APPROVED *John D. Parkhurst* 8/29/73 APPROVED *Harvey T. Brandt*  
 REGIONAL ENGINEER DATE OFFICE ENGINEER  
 CHECKED *Blair* 8/29/73  
 DATE  
 REG. C.E. NO. 17222  
 LOMITA BLDG. DIST. 12 J.N. 0250.02

NO CHARGE FOR CONNECTIONS  
 DOUBLE SCALE







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 NO CHARGE FOR CONNECTIONS

DOUBLE SCALE

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