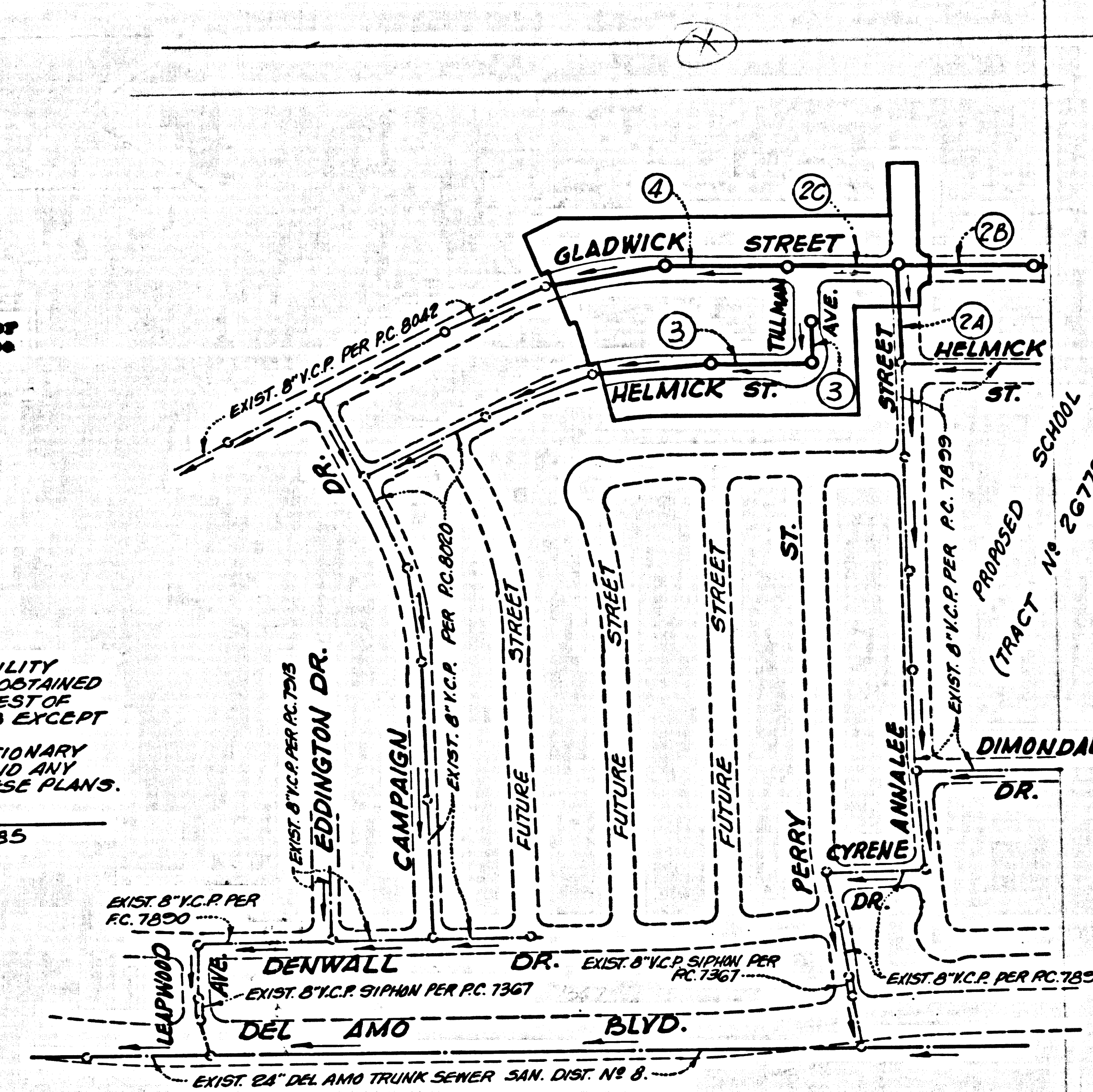


B.M. 8Y 229 ELEV. 11.156  
 LE 5PK. @ E. EDGE PAINT AVONIA  
 BLVD. 17' W. W. TOWER N. 52.  
 5TH TOWER SOUTH OF VICTORIA  
 STREET.  
 GARDENA QUAD. 19 65

- County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 462-3077)
- (A) Commencement of construction of manhole on District trunk sewer.
  - (B) Breaking into existing manhole on District trunk sewer.
  - (C) Core drilling District trunk sewer.
  - (D) Construction of house connections to District trunk sewer.
  - (E) Acceptance of the project.

**NOTICE TO CONTRACTORS**

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 MY 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.  
 James E. Whitelaw  
 JAMES E. WHITELAW R.C.E. 14385



**INDEX MAP**  
 SCALE: 1" = 300'  
 P.C. 8049  
 NOTE: FIGURES IN CIRCLES INDICATE PAGE NUMBERS

**CITY OF CARSON BLDG. DIST. NO. 12.05**

- NOTES:
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  - NO REPRESENTATIVE OF THE CITY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  - THE PRIVATE ENGINEER SHALL FURNISH THE CITY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" 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 DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
  - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE CITY ENGINEER.
  - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-4747, EXT. 8133, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S.D. OR PRECAST CONCRETE MANHOLES PER S.D. OR S-4, EXCEPT AS NOTED.
  - USE STANDARD MANHOLE STEAMS AND COVERS, S-1, EXCEPT AS NOTED.
  - MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
  - USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
  - WITHEDED OIL PIPE JOINTS SHALL BE "D" OR "S" PER S.D. SEWERS, SEC. 208-2.
  - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, 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 T.C.P. SEWER WHICH IS NOT PROTECTED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
  - HOUSE LATERALS TO BE CONSTRUCTED WITH 1/4" RISE PER FOOT TO PROPERTY LINE, OR BESIDE OF WAY LINE.
  - REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 304-237 UNIFORM STANDARD SPECIFICATIONS.
  - ALL STATE AND LOCAL TRENCH SAFETY ORDENES WILL BE STRICTLY ENFORCED.
  - SPECIAL SAFETY BY SIGNATURE AREAS
  - IF KACHILLI TRENCH AND REPLACE OTHER EARTH REMOVED SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS TRACT BY THE BUILDING AND SAFETY DIVISION.
  - ALL KACHILLI AND BATH REPLACES SHALL BE CONSTRUCTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TEST D969-57 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.
12. THE FOLLOWING CITY ENGINEER STANDARD PLANS APPLY TO THIS PROJECT:
- |                                    |      |
|------------------------------------|------|
| A. LOCAL                           | 5-1  |
| B. MIN. EXCAV. SAFETY REQUIREMENTS | 5-2  |
| C. BRICK MANHOLES                  | 5-3  |
| D. NON-ROCK PRECAST CONC. MANHOLES | 5-4  |
| E. MANHOLE STEAMS AND COVERS       | 5-5  |
| F. MANHOLE STEPS                   | 5-6  |
| G. BEDDING FOR SEWER PIPE          | 5-7  |
| H. CRAWLING & ENCLOSURE            | 5-8  |
| I. WYE OR TEE SUPPORT              | 5-9  |
| J. ALLOWABLE TRENCH WIDTHS         | 5-10 |
20. TEE OR WYE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWER, EXCEPT AS NOTED.

**COLLECT CHARGES AS INDICATED**

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.

PROFILE ALIGNMENT AND GRADE OF  
**SANITARY SEWERS** P.C. 8049  
 TO BE CONSTRUCTED IN PAGE 1

**TRACT No 29991**

PRIVATE CONTRACT NO. 8049

W.S. 26  
 2 SHEETS; 4 PAGES

SCALE: HORIZ. 1" = 40' VERT. 1" = 4'  
 MARCH, 1968

PREPARED IN THE OFFICES OF  
**VOORHEIS - TRINDLE - NELSON**  
 18754 BEACH BOULEVARD  
 WESTMINSTER, CALIFORNIA  
 By James E. Whitelaw  
 REG. C. E. NO. 14385

40426

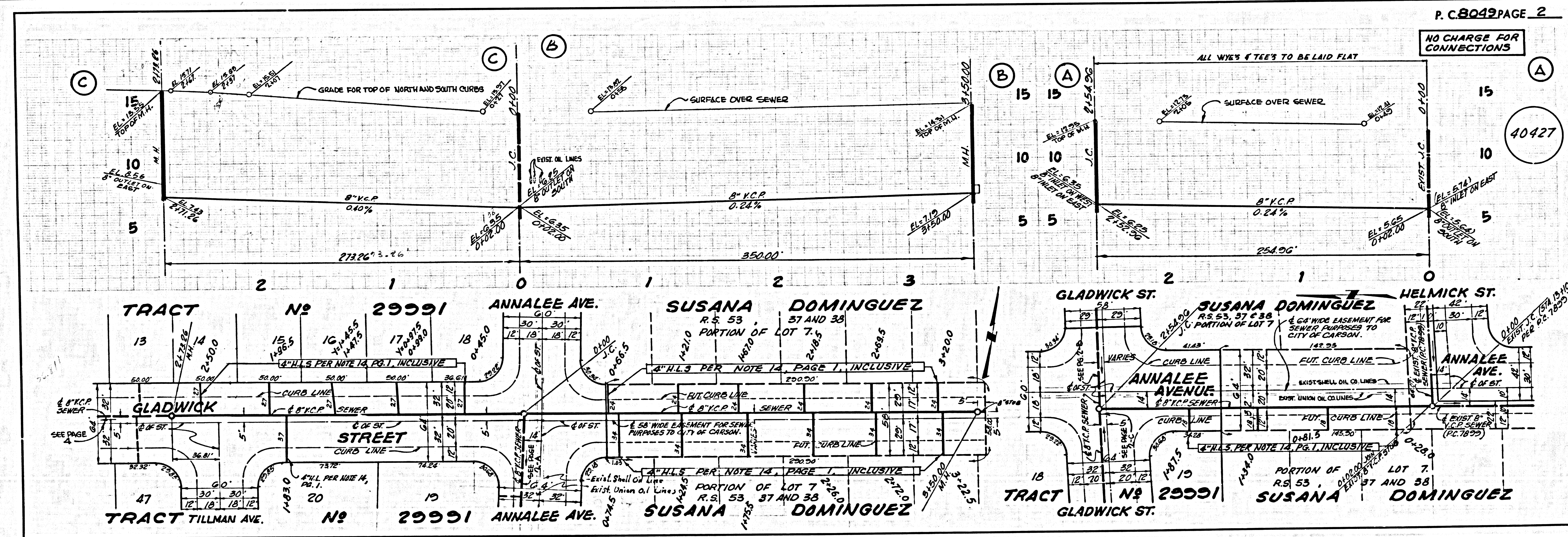
FOR LEGEND SEE PLAN NO. S-1

NOTE:  
 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. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.  
 THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.  
 WORK SHALL BE CONSTRUCTED ACCORDING TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND CITY ENGINEER SPECIAL PROVISIONS DATED FEBRUARY 15, 1966, AS REVISED, AND SHALL BE PROSECUTED ONLY IN THE RESIDENCE OF THE CITY ENGINEER.  
 BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN CITY STREETS FROM THE CITY ROAD DEPT., DISTRICT OFFICE NO. 2 AND PAY A FEE TO THE CITY ENGINEER, OFFICE NO. 6, CARSON, CALIFORNIA, SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.  
 APPROVAL OF THIS PLAN BY THE CITY OF CARSON DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.  
 IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE DEPARTMENT OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

**CITY OF CARSON, CALIFORNIA**  
 JOHN A. LAMBIE, CITY ENGINEER  
 APPROVED BY: [Signature]  
 REGIONAL ENGINEER

J. D. PARKHURST, CHIEF ENGINEER  
 CO. 141 851-100-B  
 APPROVED BY: [Signature]  
 OFFICE ENGINEER

CHECKED BY: [Signature] 5/21/68  
 REG. C.E. NO. 12653



P.C. 8049 PAGE 2

NO CHARGE FOR CONNECTIONS

40427

1" = 4' V.H.  
 1" = 4' V.L.F.  
 1" = 4' H.F.

