

B.M. SY-3051 ELEV. 45.221  
 S. & L. IN W. CURB NORMANDIE  
 AVE. E. PROD. OF 221ST. ST.  
 PRODUCED E.  
 GARDENA QUAD. 1960 ADJ.

LOMITA BLDG. DIST. NO. 12

PROFILE ALIGNMENT AND GRADE OF  
**SANITARY SEWERS** PAGE 1  
 TO BE CONSTRUCTED IN

TRACT NO. 29244

PRIVATE CONTRACT NO. 6942

W.S. 28

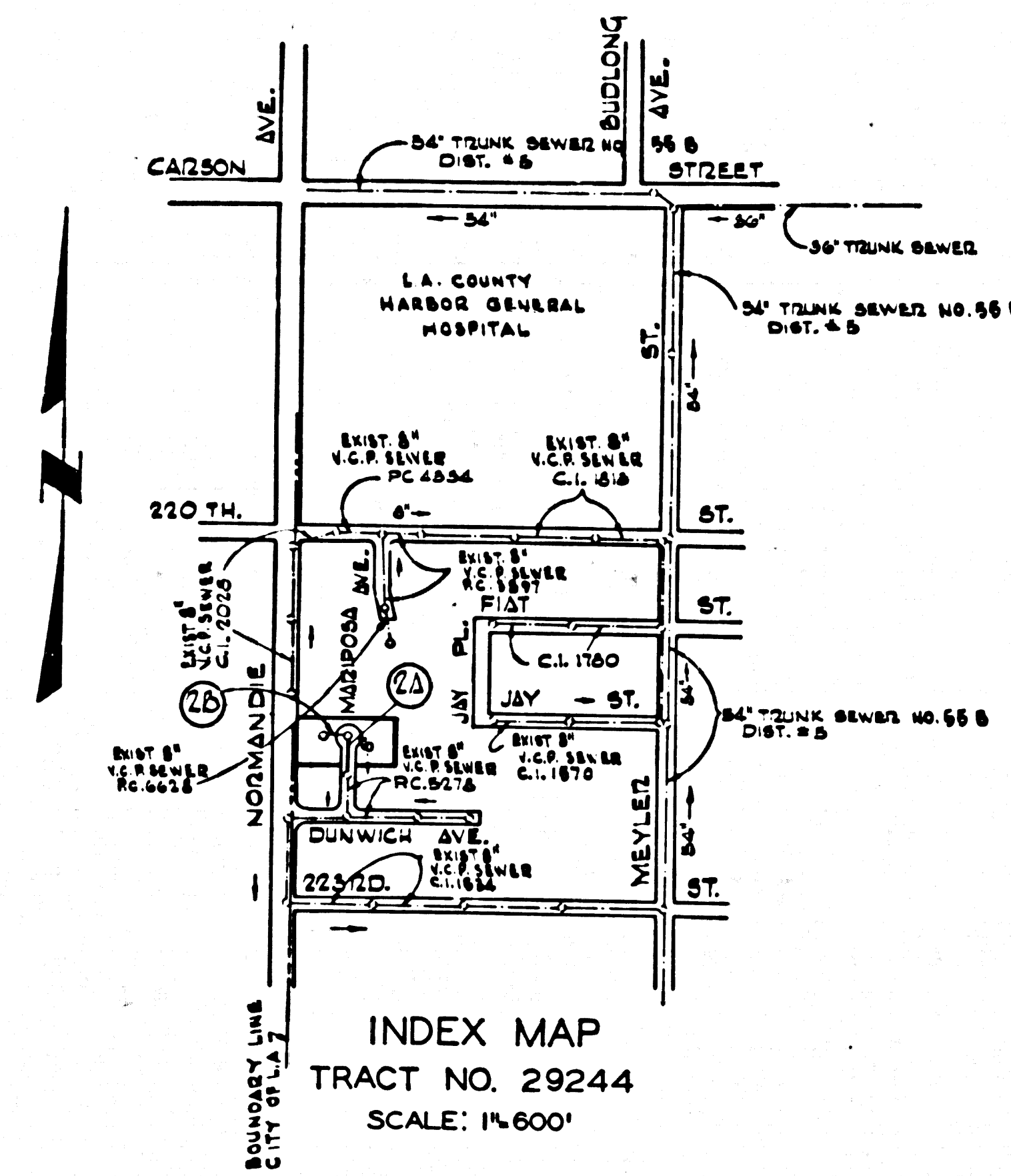
1 SHEET OF 2 PAGES  
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40'

PREPARED IN THE OFFICES OF  
**E.L. PEARSON AND ASSOCIATES**  
 12345 SOUTH HAWTHORNE WAY  
 HAWTHORNE, CALIFORNIA

REG. C. E. NO. 9157  
 FOR LEGEND SEE PLAN NO. S-6-64

NOTE:  
 GRADES TO WHICH THE 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 FOR THE WORK TO BE CONSTRUCTED. THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 25 AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 300, COUNTY ENGINEERING BUILDING, 120 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.  
 IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAY, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

**PRIVATE ENGINEER'S NOTICE TO CONTRACTORS**  
 The Existence and Location of Any Underground Utility Pipes or Structures Shown on These Plans are Obtained by a Search of 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 of Any Other Lines of Record or Not Shown on These Plans.



- NOTE:
1. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  2. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  3. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND T-BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROFILE LOCATIONS WITH STATIONING PLANNY 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 BY WRITING BY THE PRIVATE ENGINEER.
  4. 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.
  5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  6. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-4747, EXT. 8155, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  7. MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S-2-34. PRECAST CONCRETE MANHOLES PER S-2-33 OR S-2-173 MAY BE USED AS AN ALTERNATE IN LOCATIONS APPROVED BY THE COUNTY ENGINEER.
  8. USE STANDARD MANHOLE FRAMES AND COVERS, S-2-17.
  9. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
  10. USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH.
  11. USE CEMENT MORTAR OR MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPECS., SECS. 34 & 40.
  12. WHERE EVER GROUND WATER IS ENCOUNTERED DURING THE CONSTRUCTION OF THE SEWERS, THE V.C.P. JOINTS SHALL BE OF JOINT COMPOUND PER SPECS., SECS. 33 & 40, OR MECHANICAL COMPRESSION JOINTS PER SPECS., SEC. 34.
  13. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-2-173, CASE II, TWO FEET ON EITHER SIDE FROM THE POINT OF INTERFERENCE.
  14. 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 OF HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-2-173, CASE II, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
  15. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE... FEET BELOW CURB GRADE EXCEPT AS NOTED.
  16. REURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  17. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 100, SPECS., SEC. 54.
  18. ALL STATE AND LOCAL TRUCK SAFETY ORDERS WILL BE RIGIDLY ENFORCED.

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.

**COLLECT CHARGES AS INDICATED**  
*John F. ... 11/10/64*

COUNTY OF LOS ANGELES, CALIFORNIA  
 JOHN A. LAMBIE, COUNTY ENGINEER  
 J. D. PARKHURST, CHIEF ENGINEER  
 CO. SAN. DIST. NO. 12  
 APPROVED BY: *John A. Lambie* ASSISTANT SANITATION ENGINEER  
 APPROVED BY: *J. D. Parkhurst* OFFICE ENGINEER  
 SUBMITTED BY: *Jack C. Pearson* REGIONAL ENGINEER  
 CHECKED BY: *James H. ...* REG. C. E. NO. 19553  
 36427  
 J.N.0362.89

