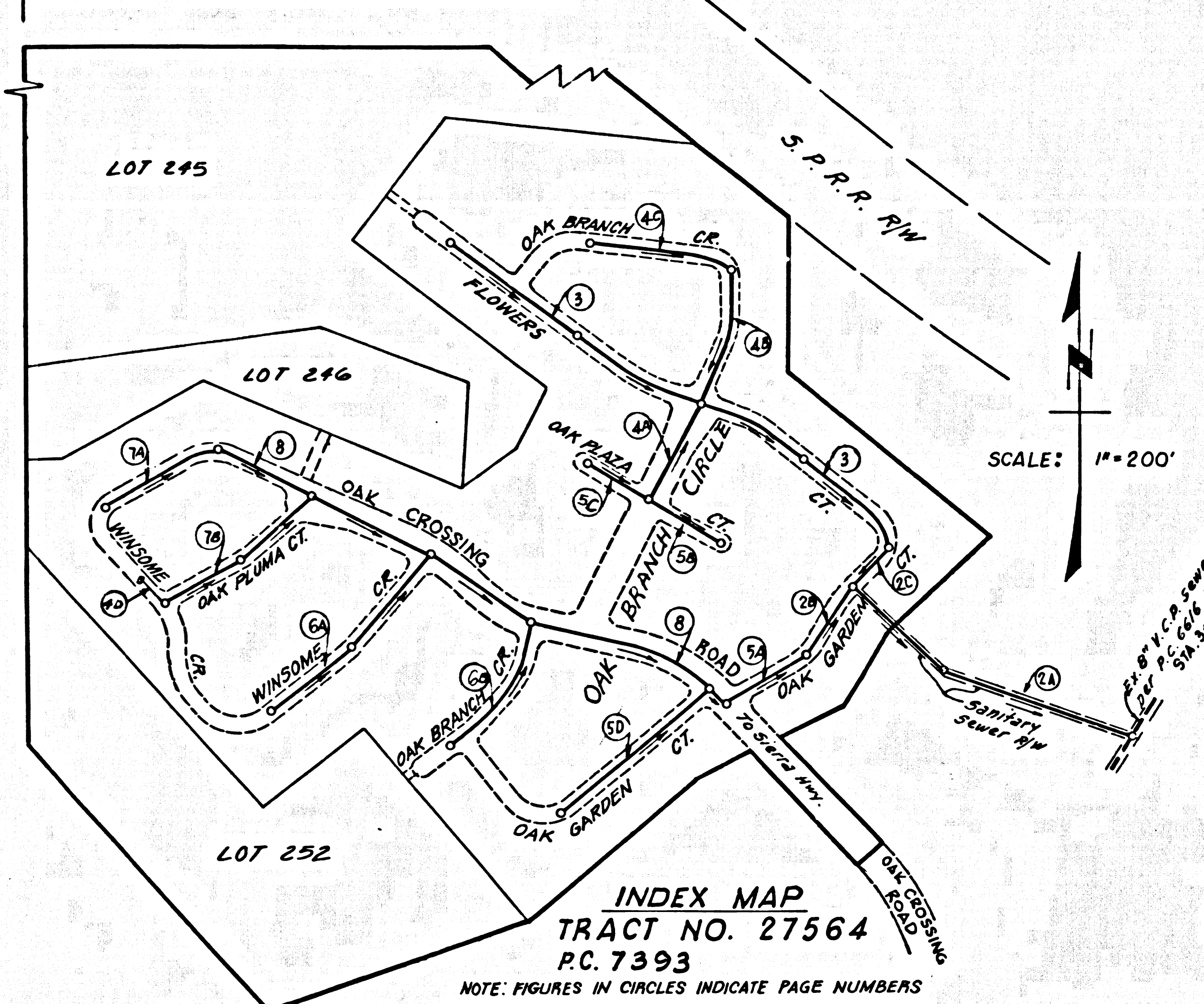


B.M. S.L. 942 ELEV. 1423.098  
 U.S.C. & G.S. BR. CAP. N. END W. HDWL. SPR. CULV.  
 NO. 44-22 BENEATH SIERRA HWY. R.R. OVERPASS  
 LOC. 0.5 MI. SWLY. ALG. SIERRA HWY. FROM INT.  
 SOLEDAD CANYON ROAD. MKD. E-486 1955  
 NEWHALL QUAD. 19.58



NEWHALL BLDG. DIST. NO. 8.2

PROFILE ALIGNMENT AND GRADE OF **P.C. 7393**  
 SANITARY SEWERS PAGE 1

CONSTRUCTED IN  
**TRACT NO. 27564**  
 PRIVATE CONTRACT NO. 7393

W.S. 62  
 4 SHEETS, 8 PAGES  
 SCALE: VERT. 1"=8' HORIZ. 1"=40'  
 JULY, 1965  
 PREPARED IN THE OFFICES OF  
 BERCO ENGINEERING COMPANY  
 BY: *Julius M. Berco*  
 REG. C.E. NO. 13128

38241

- 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 COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  - THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH BENCH SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND Y BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THREE 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 CURB SHEET.
  - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, HAZBROOK 9-4747, EXT. 8188, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S-3 - PRECAST CONCRETE MANHOLES PER S-5 OR S-8 MAY BE USED AS AN ALTERNATE IN LOCATIONS APPROVED BY THE COUNTY ENGINEER.
  - USE STANDARD MANHOLE FRAMES AND COVERS, S-18, 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.
  - USE CHAMF. MORTAR OR MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPECS., SECS. 36 & 48.4-49.
  - WHERE EVER OUBOW WATER IS ENCOUNTERED DURING THE CONSTRUCTION OF THE SEWERS, THE V.C.P. JOINTS SHALL BE OF JOINT COMPOUND PER SPECS., SECS. 18 & 48, OR MECHANICAL COMPRESSION JOINTS PER SPECS., SEC. 36.
  - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, CASE III, TWO FEET ON EITHER 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 III, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
  - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE, 6"..... FEET BELOW CURB GRADE EXCEPT AS NOTED.
  - REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 2....., SPECS., SEC. 54.
  - ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE RIGIDLY ENFORCED.
  - A. NO CONSTRUCTION WILL BE PERMITTED IN FILLED AREAS UNLESS ACCEPTABLE CERTIFICATION IS SUBMITTED TO THE CONSTRUCTION DIVISION OF THE COUNTY ENGINEER THAT RELATIVE COMPACTION IS GREATER THAN 80%.  
 B. IF COMPACTION IS LESS THAN 80% THE SEWER MUST BE CRADLED AS SHOWN ON THE PLANS, PER S-23 (SPECIAL) AND M.H. BASES PER S-14.  
 C. IF RELATIVE COMPACTION IS GREATER THAN 80%, SPECIAL MANHOLE BASES PER S-14 AND CRADLING PER S-23 WILL NOT BE REQUIRED.

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.  
 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. 5 AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 300, COUNTY ENGINEERING BUILDING, 100 WEST SECOND STREET OR ANTONIOPE, FALAEX..... REGIONAL OFFICE, SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.  
 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.  
 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.

COUNTY OF LOS ANGELES, CALIFORNIA  
 JOHN A. LAMBE, COUNTY ENGINEER  
 J. D. PARKHURST, CHIEF ENGINEER  
 CO. SAN. DIST. NO. 26

APPROVED BY: *Paul S. K...* ASSISTANT SANITATION ENGINEER  
 APPROVED BY: *J. D. Parkhurst* CHIEF ENGINEER  
 SUBMITTED BY: *Julius M. Berco* REGIONAL ENGINEER  
 CHECKED BY: *Ralph A. Schuler* 11/10/65  
 REG. C.E. NO. 13128

COLLECT CHARGES AS INDICATED  
*Lucien J. ...*

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.

J. N. 0365.92

