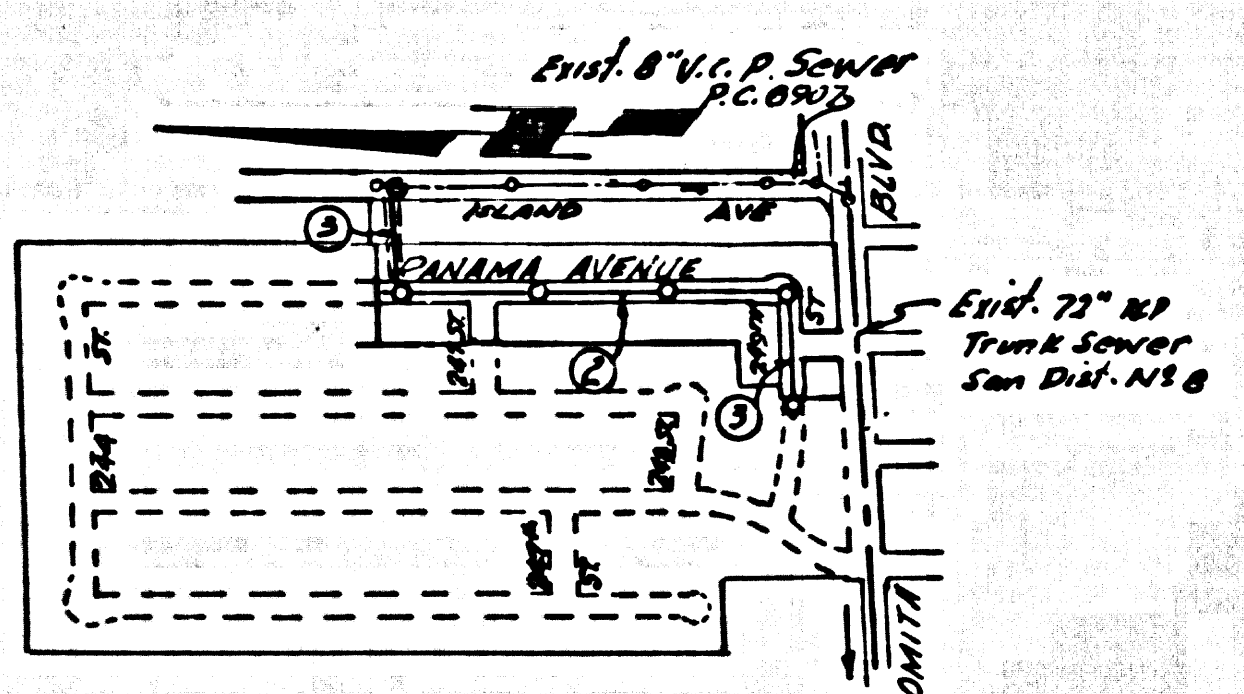


B.M. 57-3093-A ELEV. 42.810
 10. Spl. of L.W. C.B. Marine Ave
 1.34' So. of Lomita Blvd. 1.4'
 So. of End of Curb
 GARDENA QUAD. 19.55



INDEX MAP
 TRACT NO. 28086
 R.C. 7778
 SCALE 1" = 600'

Revision: Page 3A 3-22-67
 Delete special backfill and cast iron
 pipe note between Sta. 0+30 and
 Sta. 1+50.
 Add jacking note between Sta. 1+01.03
 and Sta. 1+81.03.
 Approved: *Bernard J. Valerky*

LOMITA BLDG. DIST. NO. 12

- NOTES:
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. IF PRIVATE ENGINEERS SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" BRANCHES AND SHALL PROVIDE STAKES 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.
 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. 8158, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 7. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-5 OR S-6, EXCEPT AS NOTED.
 8. USE STANDARD MANHOLE FRAMES AND COVERS, S-1, EXCEPT AS NOTED.
 9. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 10. USE EXTRA STRENGTH PIPE. ALL PIPE BE STANDARD DEPTH EXCEPT AS NOTED.
 11. USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPEC., SECS. 36, 40 & 41.
 12. 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.
 13. 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, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 14. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 15. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 16. FOR ALLOWABLE RELEASE TEST USE FORMULA NO. 2, SPEC. S. SEC. 54.
 17. ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE STRICTLY ENFORCED.
 18. CONSTRUCTION IN FILLED AREAS
 - (a) AN ACCEPTABLE CERTIFICATION OF COMPACTION TEST RESULTS SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION. COMPACTION TESTS ARE TO BE MADE IN ACCORDANCE WITH A.S.T.M. STANDARD METHOD OF TEST D698-42T.
 - (b) NO CONSTRUCTION IS PERMITTED IN FILLED AREAS WHERE THE RELATIVE DENSITY OF COMPACTION IS LESS THAN 80%.
 - (c) IF THE RELATIVE DENSITY OF COMPACTION IS LESS THAN 80%, ALL MAIN LINE AND HOUSE LATERALS SHALL BE GRADED PER S-23 OR HAVE A SPECIAL BACK COURSE PER S-21-CASE II, SPECIAL SAND BACKFILL PER S-23 OR PER S-20.
 - (d) IF THE RELATIVE DENSITY OF COMPACTION IS 80% OR BETTER, THE SPECIAL PROVISIONS OF (C) ARE NOT REQUIRED.
 19. ENCASE PER S-23 OR INSTALL 8" CAST IRON PIPE BETWEEN STR. 1+03 & 1+85. SPECIAL SAND BACKFILL SHALL BE USED PER SECTION 52 OF THE SPECIFICATIONS UP TO THE ELEVATION INDICATED ON PROFILE.

COLLECT CHARGES AS INDICATED
William 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 AGENCY.

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS PAGE 1

TRACT No 28086

PRIVATE CONTRACT NO. 7778

W.S. 28
 2 SHEETS, 2 PAGES

SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'
 JAN. 1, 1967

PREPARED BY THE OFFICES OF
 BACH ENGINEERING CO.
 BY *Greg C. Bach*
 REG. C. E. NO. 11022

39114

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 CURB, 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. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929. THE DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS. WORK SHALL BE CONSTRUCTED ACCORDING TO STANDARD SPECIFICATIONS RATE, SEC. 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. 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. 2. AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 208, COUNTY ENGINEERING BUILDING, 100 WEST SECOND STREET OR *Paul K. ...* - *CONTRACTING DIVISION*, REGIONAL OFFICE, APPROPRIATE 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 HIGHWAY, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER
 APPROVED BY: *Richard M. ...* ASSISTANT SANITATION ENGINEER
 APPROVED BY: *...* OFFICE ENGINEER
 SUBMITTED BY: *...* REGIONAL ENGINEER
 CHECKED BY: *...* REG. C. E. NO. 10653

J.N. 0250.02

