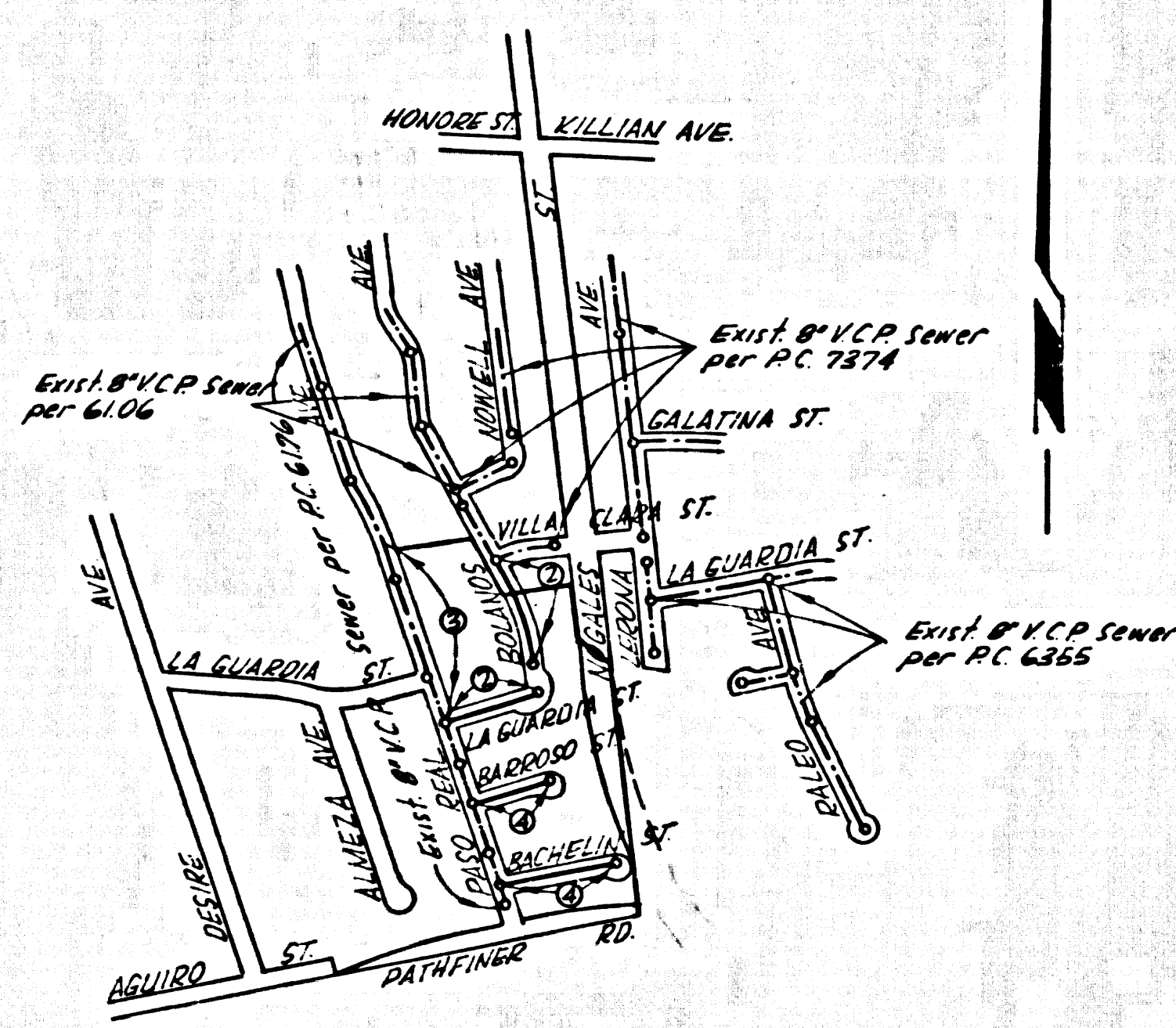


B.M. 89 1286 ELEV. 517.212  
 1.1 IN. CTR. N. HORN. OF DR.  
 TO HSE. N. 18039 20 FT. N.E.  
 KILLIAN AVE.  
 OTTERBEIN QUAD. 1965



INDEX MAP  
 TRACT NO. 23842  
 P.C. 8104  
 SCALE 1"=600'

THE FOLLOWING LATEST REVISED STANDARD PLANS  
 ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL  
 APPLY IN THE CONSTRUCTION OF THIS PROJECT.

LEGEND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
NON REINFORCED PRECAST CONCRETE MANHOLE	5-4
REINFORCED PRECAST CONCRETE MANHOLE	5-5
MANHOLE FRAME AND COVER	5-6
STANDARD MANHOLE STEP	5-15
BRIDGING FOR SEWER PIPE	5-17
WYE OR TEE SUPPORT	5-21
ALLOWABLE TRENCH WIDTHS	5-26
CRADLING AND ENCASUREMENT	5-33
	5-23

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1025 - 686-8997)

Acceptance of the project.

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.

### LA PUENTE BLDG. DIST. NO. 2

- 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 GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 7" OR 8" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING NEARBY 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 COUNTY ENGINEER.
  - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-672, EXT. 8153, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-3 OR PRECAST CONCRETE MANHOLES PER 5-4 OR 5-5 EXCEPT AS NOTED.
  - 7" OR 8" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWER 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.
  - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D", "F", OR "G" PER STD. SPEC. SEC. 208.2
  - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-23, 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 V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 5-23, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
  - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
  - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - SEWERS TO BE PROTECTED FROM DAMAGE PER SECTION 208.2.27 UNIFORM STANDARD SPECIFICATIONS.
  - REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDEES.
  - ALL TRENCHES SHALL BE PROTECTED FROM DAMAGE PER SECTION 208.2.27 UNIFORM STANDARD SPECIFICATIONS. ALL TRENCHES SHALL BE PROTECTED FROM DAMAGE PER SECTION 208.2.27 UNIFORM STANDARD SPECIFICATIONS. ALL TRENCHES SHALL BE PROTECTED FROM DAMAGE PER SECTION 208.2.27 UNIFORM STANDARD SPECIFICATIONS.
  - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 208.2.
  - FIGURES IN CIRCLES INDICATE HOUSE LATERALS MUST BE CONSTRUCTED AT A 1/4" RISE PER FOOT TO THE PROPERTY LINE.

**COLLECT CHARGES AS INDICATED**

PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS** P.C. 8104  
 PAGE 1

CONSTRUCTED IN  
**TRACT No 23842** 41003

**PRIVATE CONTRACT NO. 8104**

W.S. 38-04  
 2 SHEETS, 4 PAGES

SCALE: VERT. 1"=4' HORIZ. 1"=40'

MAY, 1968  
 PREPARED IN THE OFFICES OF  
**EVANS & ASSOCIATES INC.**  
 1643 N. GARVEY AVE. WEST COVINA CALIF. 91761  
 BY *Ronald Nottingham*  
 REG. C. E. NO. 12425

FOR LEGEND SEE PLAN NO. 5-1

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 STREET, OR CENTER LINE OF ALLEY 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. BETWEEN ARE IN PER ANGLE U.S.C. & G.S. 1947. APPROVED BY THE COUNTY ENGINEER OF SANITARY SEWERS CONSTRUCTION AND SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS. 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. 1, 100 WEST SECOND STREET, LOS ANGELES, CALIF. 90012. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE AN 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. THE 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, 120 SOUTH BRIDGE STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA  
 JOHN A. LAMBIE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER  
 CO. SAN. DIST. NO. 22  
 APPROVED BY *R.F. Herberg* APPROVED BY *R.C. Williams*  
 SAN. DIVISION REGIONAL ENGINEER OFFICE ENGINEER  
 CHECKED BY *Stanley* 112668  
 REG. C. E. NO. 102823

