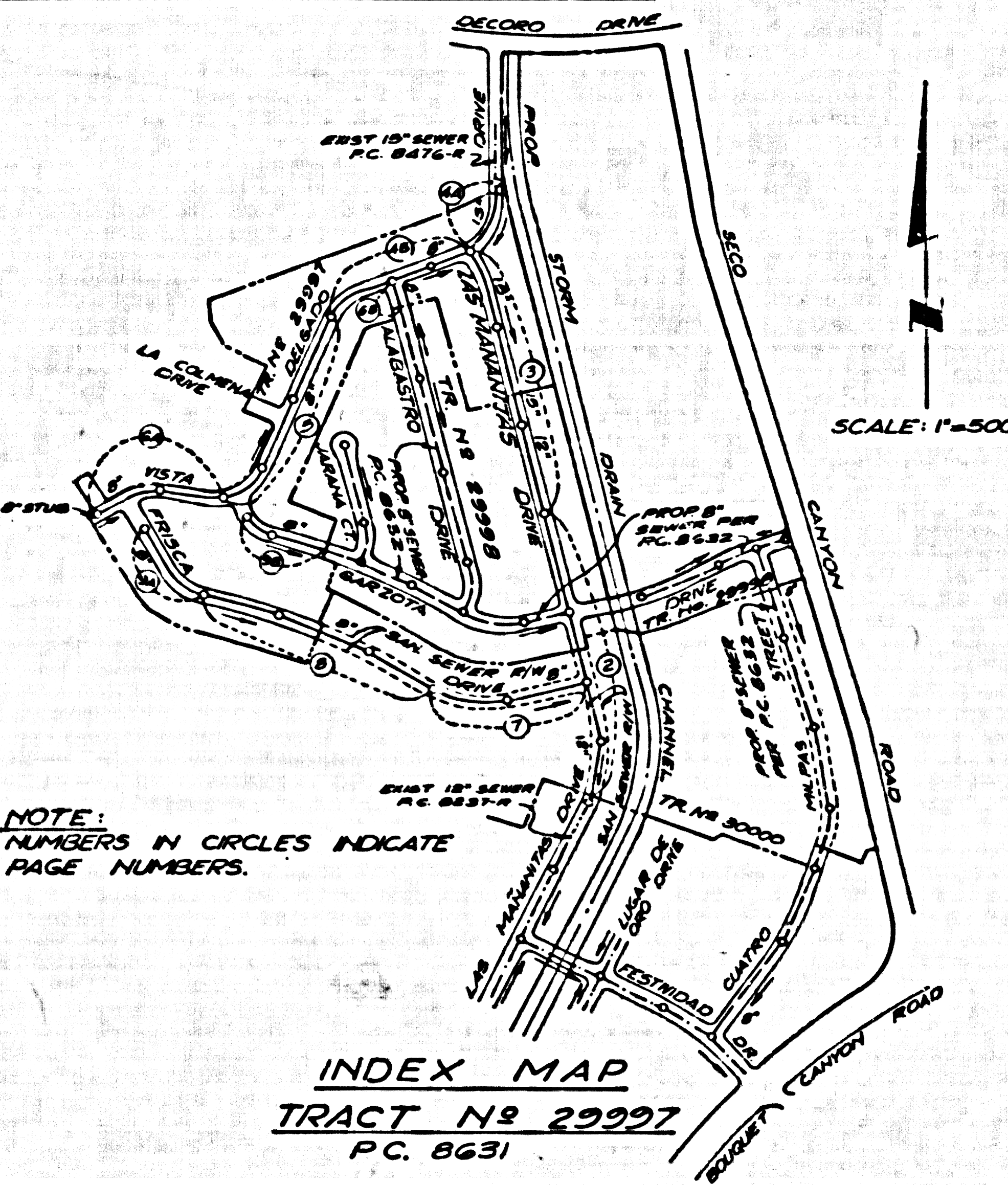


B.M. BL 622 ELEV. 1237.157
 L. SPK. E. CB GFT. S. BCR @ SE COR
 SECO CANYON RD. & CHAPARRO DR.
 GOFT. S. & 30FT. E. CL INT. MKD. (EV. A)
 NEWHALL QUAD. 1965



NOTE:
 NUMBERS IN CIRCLES INDICATE
 PAGE NUMBERS.

INDEX MAP
 TRACT NO. 29997
 P.C. 8631

GRADING MUST BE DONE PRIOR TO THIS SEWER CONSTRUCTION

NOTE
 FULL COMPLIANCE WITH SECTION 306-1.3.3 OF THE SPECIAL
 PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS.
 CERTIFICATION OF BACKFILL COMPACTION AND SAND
 EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY
 SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE
 ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

NOTES CONTINUED
 (A) SPECIAL BACKFILL IN DESIGNATED AREA:
 (1) BACKFILL TRENCH AND REPLACE OTHER EARTH REMOVED
 SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND
 SLOPES SHOWN ON THE SEWER PLAN
 (2) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED
 TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER ASTM
 STANDARD METHOD OF TEST D 698-67T, AS MODIFIED.
 ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE
 SUBMITTED TO THE CONSTRUCTION DIVISION.

NOTE:
 CONTRACTOR SHALL VERIFY INVERT ELEVATION OF EXISTING
 15" V.C.P. SEWER IN VISTA DELGADO DR. AT PT. OF JOINING PRIOR
 TO CONSTRUCTION OF 12" AND 15" SEWER IN LAS MANANITAS DR.
 N'LY OF GARZOTA DR.

REVISION G-12-73
 PAGE 4-B ADD MANHOLE DELGADO DRIVE
 AT STATION 2+50.00

APPROVED *[Signature]* 4/17/72
 OFFICE OF COUNTY ENGINEER

ISSUE NO PERMITS ON
 PAGE 9-B UNTIL P.C. 8632
 IS ACCEPTED

ISSUE NO PERMITS
 UNTIL P.C. 8237-R IS
 ACCEPTED

COLLECT CHARGES
 AS INDICATED

DOUBLE SCALE
 NEWHALL BLDG. DIST. NO. 8.2

- PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS P.C. 8631
 CONSTRUCTED IN
 TRACT NO. 29997
 PRIVATE CONTRACT NO. 8631-R
 W.S. 62. A-1
 5 SHEETS; 9 PAGES (45,805)
 SCALE: VERT. 1"=4'
 HORIZ. 1"=40'
 PREPARED IN THE OFFICES OF
 MCINTIRE & QUIROS INC.
 670 MONTEREY PASS ROAD, MONTEREY PARK, CALIF.
 BY: *[Signature]* REG. C. E. NO. 17228
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE, EXCEPT AS NOTED.
 - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTIES 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 "T" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPOSED LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED BY 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, RAMBORN 9-6-62, EXT. 8128, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-28.
 - "T" OR "T" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS 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 "B", "C", OR "D" PER STANDARD SPECIFICATIONS SECTION 306-2.
 - 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 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.
 - 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 TESTED FOR LEAKAGE PER SECTION 306-2.1.7 OF THE STANDARD SPECIFICATIONS.
 - REFER TO SECTION 7-14.1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDNANCE.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", FIFTEEN BUSINESS IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 306-2.

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

SEWER	8-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-2
BRICK MANHOLE	8-3
NON-REINFORCED PRECAST CONCRETE MANHOLE	8-28
LOCKMAN MANHOLE FRAME & COVER	8-28B
STANDARD MANHOLE SET	8-27
SEWERING FOR SEWER PIPE	8-27
CASTINGS AND ENCASUREMENT	8-28
TYPE OR THE SUPPORT	8-28
ALUMINUM TRENCH WRITE	8-28
CONCRETE PIPE AND BASE	8-27

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1025 - 638-1161)
 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.

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS P.C. 8631
 CONSTRUCTED IN

TRACT NO. 29997
 PRIVATE CONTRACT NO. 8631-R

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 BY: *[Signature]* REG. C. E. NO. 17228

NOTE:
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREET, OR CENTER LINE OF ALLEY ARE SHOWN BY CIRCLES ON PROFILE. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO COMFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN LEVEL DATUM OF 1929.
 WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1970 EDITION) WITH THE SUPPLEMENT AND COUNTY ENGINEER'S SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 7, 1970, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 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, SANITATION DIVISION, CIVIL WORKS OFFICE, 440 WEST 10TH STREET, LOS ANGELES, CALIF. REGIONAL OFFICE, SUBJECT 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 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 HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER
 APPROVED BY *[Signature]* APPROVED BY *[Signature]*
 REGIONAL ENGINEER DISTRICT ENGINEER
 CHECKED BY *[Signature]* 3-23-72
 DISTRICT ENGINEER
 REG. C. E. NO. 14990

J.M. 0250.02

