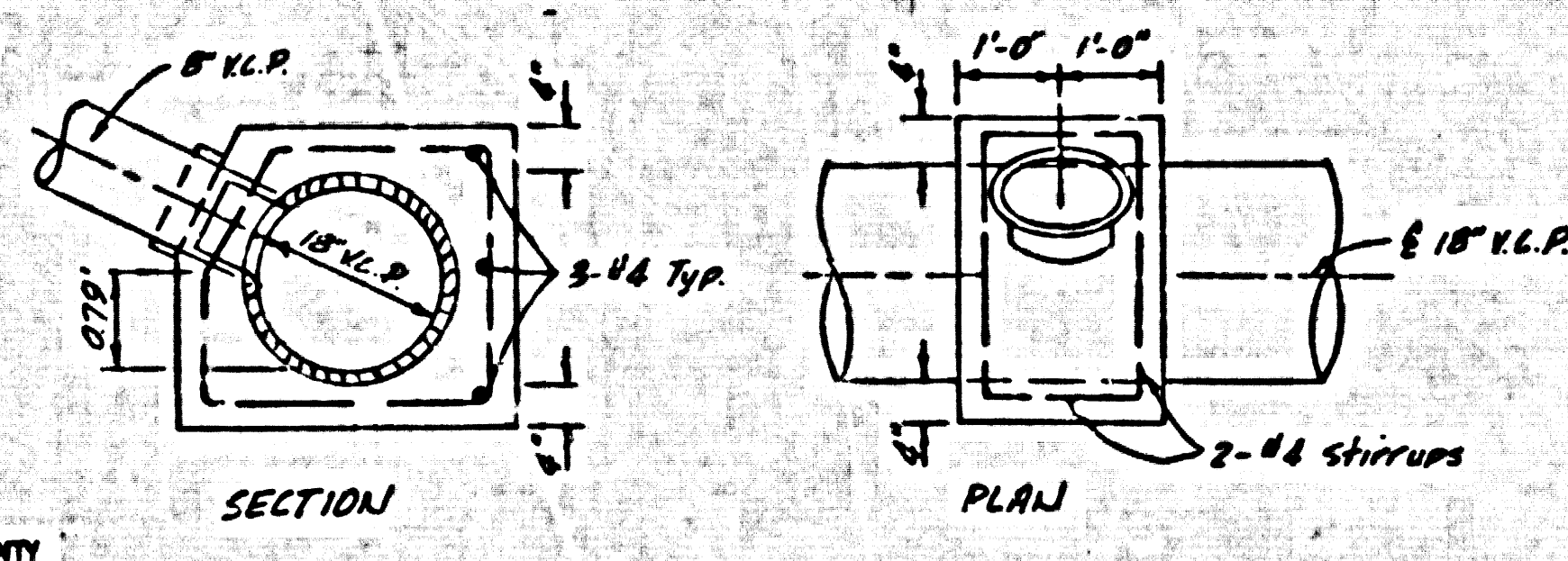


B.M. CY 7724 ELEV. 1166.186  
LACS MON IN WELL 7 IN DN. AT  
C/L FAIR OAKS AVE & MOUNTAIN  
VIEW ST  
PASADENA QUAD. 1975



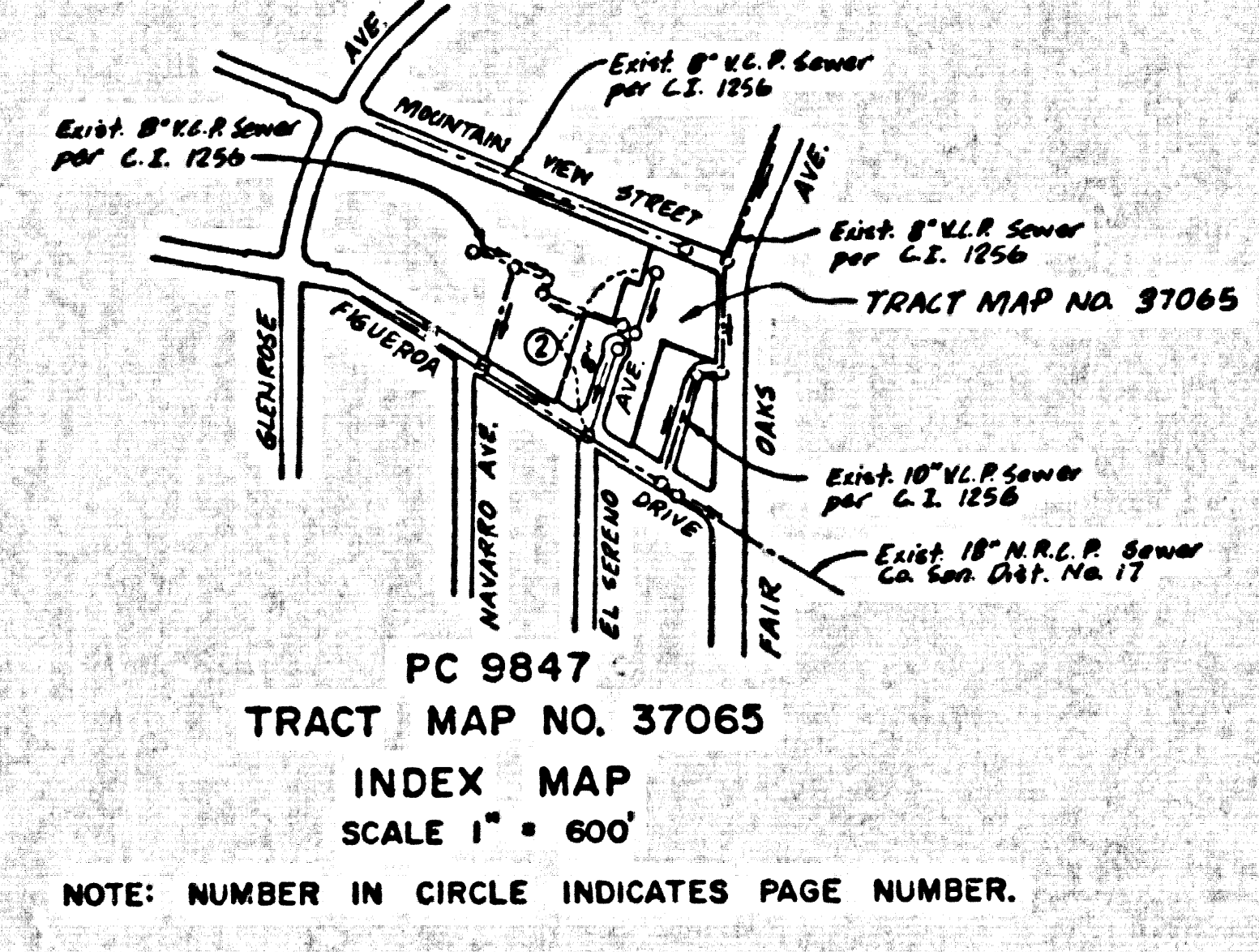
CONC. COLLAR DETAIL  
NO SCALE

CONTINUED STANDARD PLANS  
TRAP MANHOLE BBSB ..... 5-10  
TRAP MANHOLE CASTING ..... 5-18

SPECIAL BACKFILL IN EASEMENT CONSTRUCTION  
a. BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION.  
b. ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TEST D698-57T AS MODIFIED ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENV. DEV. DIVISION.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR 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 ANY OTHER LINES, PIPES OR STRUCTURES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

GARY L. KAISER  
R.C.E. 21938



PC 9847  
TRACT MAP NO. 37065  
INDEX MAP  
SCALE 1" = 800'  
NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER.

GENERAL NOTES:  
1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.  
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.  
3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.  
4. 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 DRAWN BETWEEN SAID DESIGNATED POINTS.  
5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STADIANT 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.  
6. THE PRIVATE ENGINEER SHALL PLACE THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE 1/4" HORIZ. SCALE.  
7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO LOCATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 8, 200 N. 4TH ST. TO THE COUNTY ENGINEER, 550 S. VERMONT STREET, LOS ANGELES, CALIF. TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.  
8. 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.  
9. APPROVAL OF THE 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 OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.  
10. REFER TO SECTION 7-10 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1975 EDITION, REGARDING SAFETY OBSTACLE.  
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT, A PERMIT FOR ELEVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE WITH THE DEPARTMENT OF COUNTY ENGINEER, 550 SOUTH VERMONT ST., LOS ANGELES, CALIFORNIA 90005, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICE.

CONSTRUCTION NOTES:  
1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1975 EDITION WITH 80% ELEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 5/27/75, 8/17/76, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.  
2. THE CONTRACTOR SHALL NOTIFY SUPERVISOR/INSPECTOR BY TELEPHONE 724-5250, AT LEAST TWENTY-FOUR HOURS BEFORE BEGINS ANY WORK UNDER THIS CONTRACT.  
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT 18" DEPTH LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.  
4. WYS OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.  
5. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-3 ON PRECAST CONCRETE MANHOLES PER 5-4, EXCEPT AS NOTED.  
6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINE PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.  
7. MANHOLE TOPS IN UNIMPROVED AREAS OF WAY TO BE 24 INCHES ABOVE FINISHED GRADE.  
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", OR "C" PER STANDARD SPECIFICATIONS SECTION 500-2.  
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 5-22, CASE II, 1' TO 10' FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.  
10. 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 5-22, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.  
11. ALL JOINTS BETWEEN CLAY PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", FIFTH EDITION IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 500-2.  
12. REFER TO BE TYPED FOR STANDARD PER SECTION 500-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.  
13. INSURE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OF CALIFORNIA STATE SIGNPOST REQUIREMENTS IN ACCORDANCE WITH PERMITS.  
14. FULL COMPLIANCE WITH SECTION 500-1.8.5 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE RESUME OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

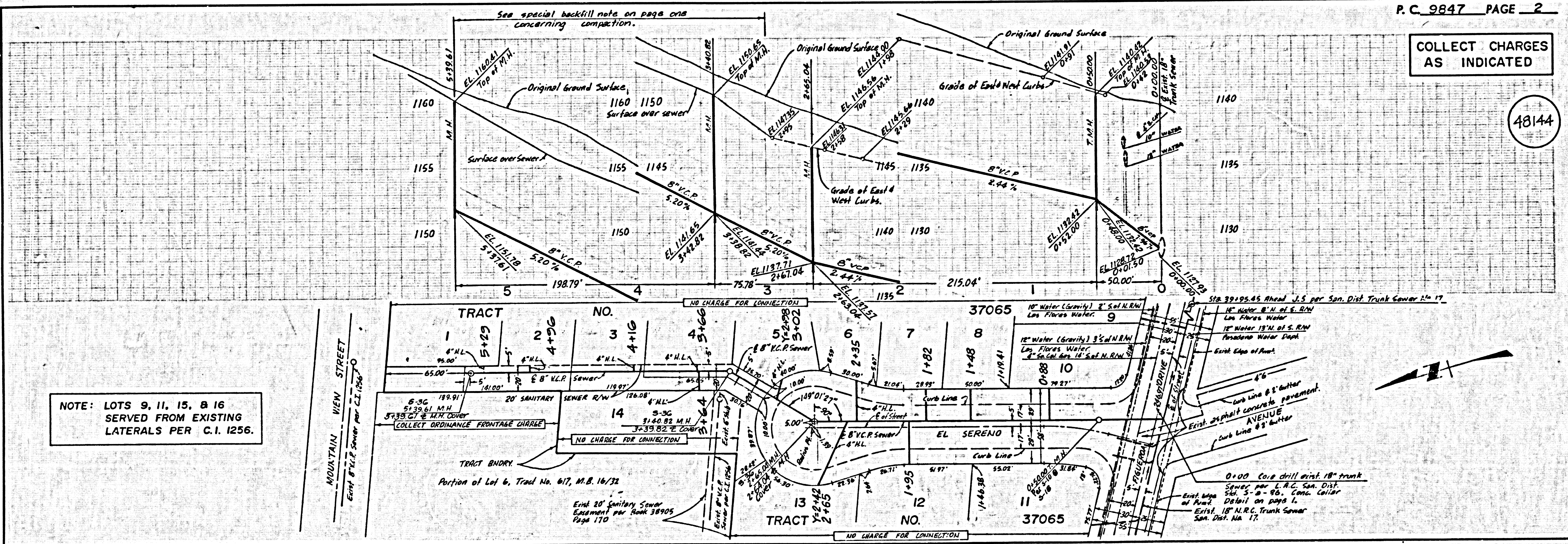
PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS** PAGE 1  
TO BE CONSTRUCTED IN  
TRACT MAP NO. 37065

PRIVATE CONTRACT NO. 9847  
W.S. 88-B-6  
1 SHEET; 2 PAGES  
SCALE: VERT. 1" = 4'  
HORIZ. 1" = 40' APRIL, 1980  
PREPARED IN THE OFFICES OF  
**CLASSIC ENGINEERING**  
3300 W. OLIVE AVE., BURBANK, CALIF. 91505 (213) 841-0881  
BY: **GARY L. KAISER**  
REG. C. E. No. 21938

THE FOLLOWING LATEST REVISION 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 MANHOLES	5-3
STANDARD MANHOLE SET	5-4
SEWING FOR SEWER PIPE	5-5
CRACKING AND ENCASEMENT	5-6
WYS OR THE SUPPORT	5-7
ALLOWABLE TRENCH WIDTHS	5-8
LOADING MANHOLE FRAMING AND COVER	5-9
NON-BRICKWORK PRECAST CONCRETE MANHOLE	5-10

THE FOLLOWING COUNTY SANITATION DISTRICT STANDARDS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:  
STANDARD METHODS FOR CONNECTION TO PIPE & STRUCTURES... S-A-86  
STANDARD REINFORCED CONCRETE COLLAR PER DETAILS SHOWN.  
**COUNTY OF LOS ANGELES, CALIFORNIA**  
STEPHEN J. KOONCE, COUNTY ENGINEER WALTER E. GARRISON, CHIEF ENGINEER  
APPROVED: *Carol J. Smith* 3/11/80 APPROVED: *Paul R. De* 9/11/80  
CHECKED: *Dean E. Johnson* 9/11/80  
FOOTHILL BLDG. DIST. 3



NOTE: LOTS 9, 11, 15, & 16  
SERVED FROM EXISTING  
LATERALS PER C.I. 1256.

P.C. 9847 PAGE 2

COLLECT CHARGES  
AS INDICATED