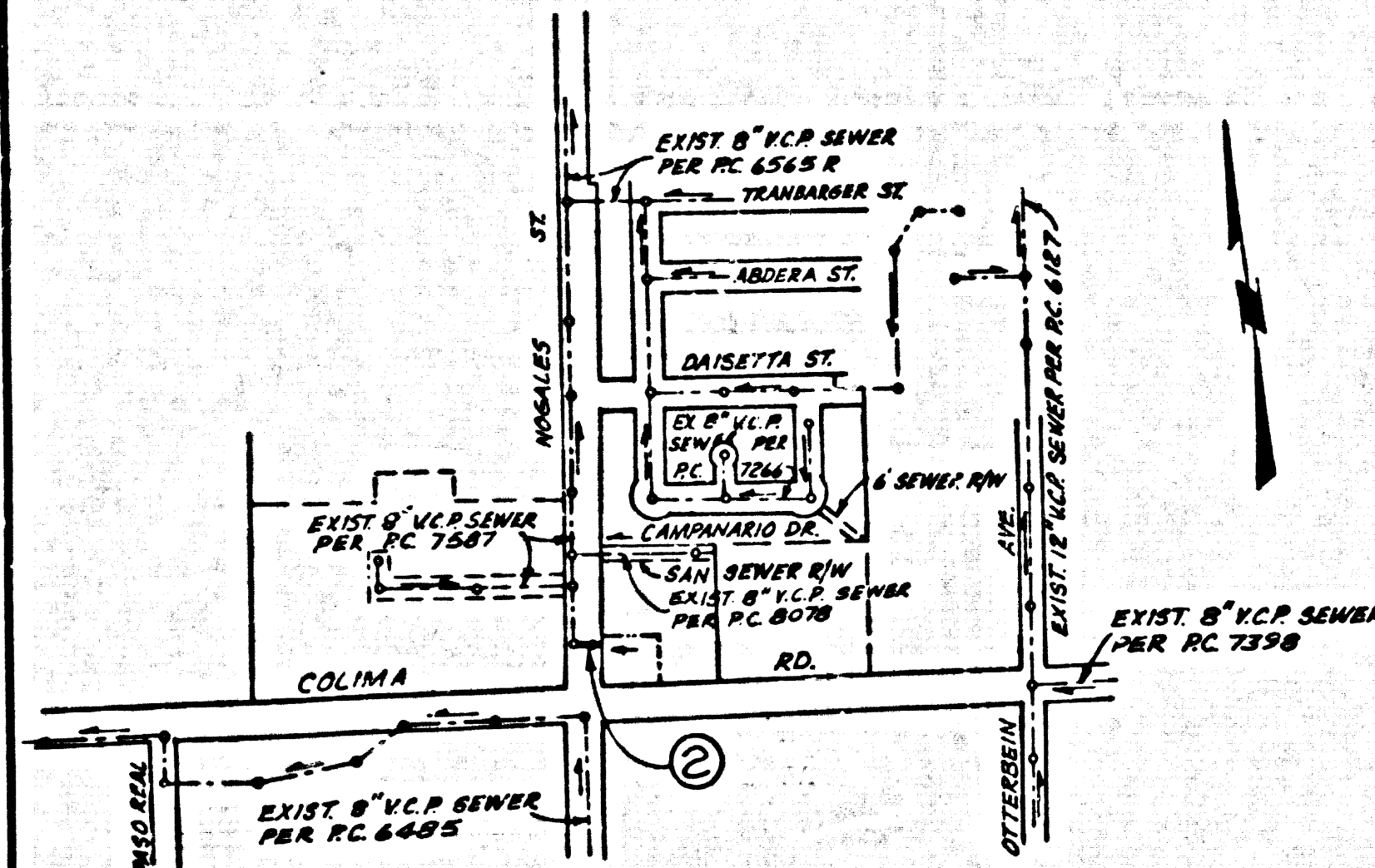


B.M. CG 3856 ELEV 486.271
 R.D.B.M. TAG IN CONC. CB 38 FT. N B.C.R.
 112 FT. N+42 FT. E/O C/L INT.
 COLIMA RD. I NOGALES ST.
 OTTERBEIN QUAD. 1975.



INDEX MAP
 SCALE: 1" = 600'
 P.C. 9836

NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER

REVISION NO. 3, DATE AUGUST 6, 1980.
 RELOCATED SEWER MANHOLE
 2' W/LV FROM STA. 1+72.00
 TO STA. 1+70.00 (PAGE NO. 2)
 APPROVED *Richard A. Scianni*
 OFFICE OF COUNTY ENGINEER

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES
 SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNLESS
 A PERMIT FOR INDUSTRIAL WASTE WATER DISCHARGE HAS BEEN
 ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY
 SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE
 OF THE PROJECT, A SANITATION DISTRICT INSPECTOR SHALL BE
 NOTIFIED BY PHONE 962-8606, SO THAT REQUIRED INSPECTION
 CAN BE MADE.

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- CHANGES TO WORKS HERETOFORE SHOWN ON PLANS AND PROFILES, GRADE POINTS FOR TOP OF CURBS, 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.
- THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "C" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATION 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 GRADE SHEET.
- 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, AND PAY A FEE TO THE COUNTY ENGINEER, 801 E. BOYLIER AVE., SAN DIMAS, REGIONAL OFFICE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- 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.
- 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.
- REFER TO SECTION 7-104.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDS.
- PRIOR TO ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT BY THE COUNTY ENGINEER, THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE FROM THE STATE OF CALIFORNIA, DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF INDUSTRIAL SAFETY, AND SHALL FILE A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE COUNTY ENGINEER.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1979 EDITION) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1978, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY TELEPHONE (213) 778-2154 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- PIPE OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-34 OR PRECAST CONCRETE MANHOLES PER 5-34, EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED AREAS OF WAYS TO BE SIX INCHES ABOVE FINISHED GRADE.
- VERTICAL 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 5-33, CASE 2, 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 5-33, CASE 2X UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH RUBBERING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 306-2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-2.6 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 306-2.5 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.

TO BE CONSTRUCTED IN
NOGALES ST. N/O COLIMA RD.
 PRIVATE CONTRACT NO. 9836

W.S. 38-D-4
 1 SHEET, 2 PAGES
 SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40' MARCH, 1980
 PREPARED IN THE OFFICES OF
 TAIT AND ASSOCIATES, INC.
 900 ORANGEVALE C.W.
 BAKERSFIELD, CALIF., 93301
 BY: *Richard A. Scianni*
 REG. C. E. No. 25917

47884

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

MINIMUM PUBLIC SAFETY REQUIREMENTS	5-1
BRICK MANHOLE	5-2
STANDARD MANHOLE STEP	5-7F
STAKING FOR SEWER PIPE	5-21
CALLING AND ENCASING	5-28
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ALLOWABLE TRENCH WIDTHS	5-30
LOCATING MANHOLE PLANS AND COVERS	5-30
NON-BRICKWORK PRECAST CONCRETE MANHOLE	5-30

COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. KOONCE, COUNTY ENGINEER WALTER E. GARRISON, CHIEF ENGINEER
 CO. SAN DIST. NO. 21
 APPROVED *David Miller* 4/15/80 APPROVED *Walter Garrison* 3/15/80
 SAN DIMAS REGIONAL ENGINEER DISTRICT OFFICE ENGINEER
 CHECKED *Robert D. Dierker* 4/17/80
 DISTRICT
 REG. C.E. NO. 16583
 LA PUENTE BLDG. DIST. 200

NO CHARGE FOR CONNECTION

47885

