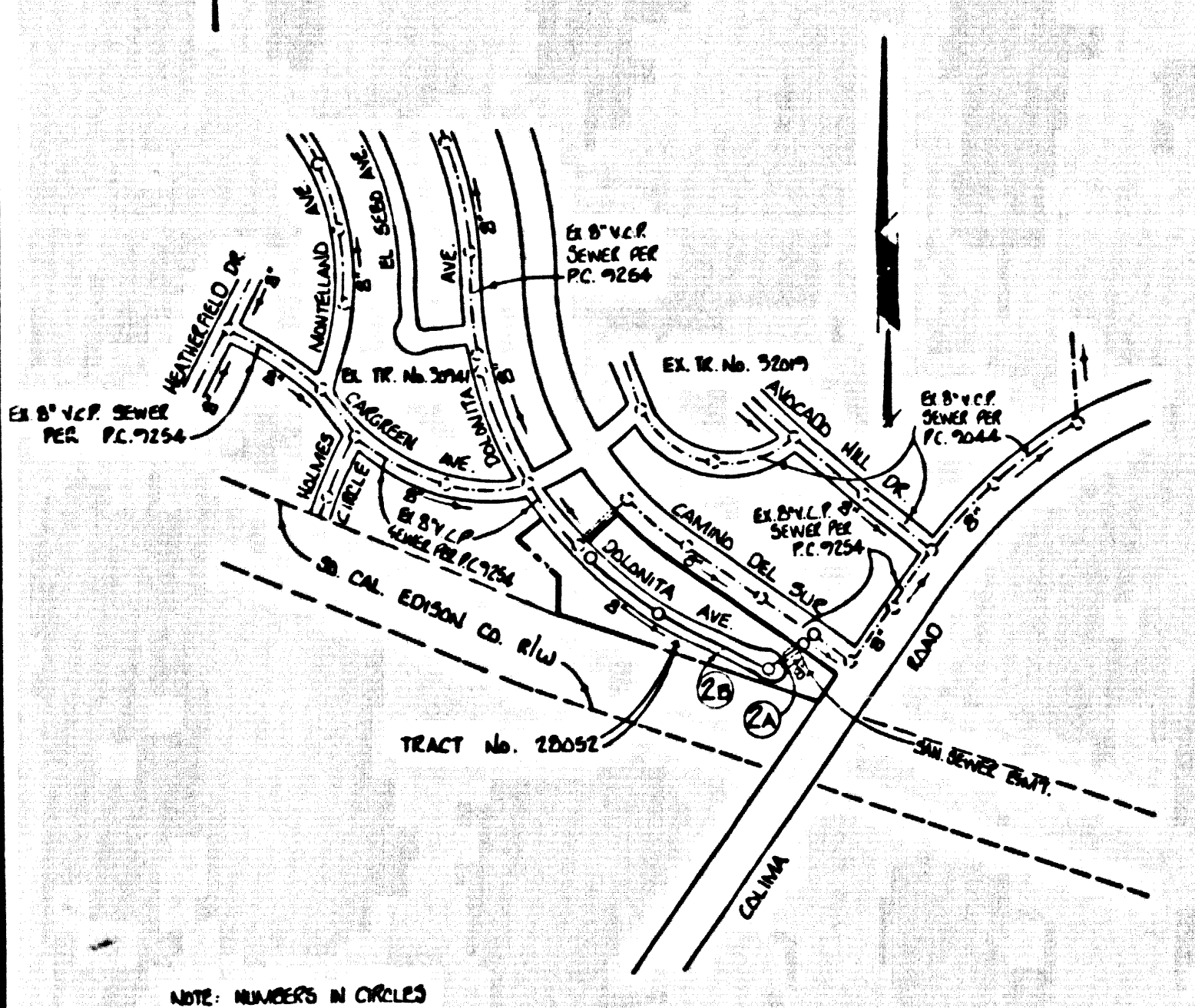


B.M. C.G. 3186 ELEV. 582.841
 R.D. B.M. TAG IN C.S. 421 SLY. & COLMAN ROAD + G.M. ELY. & VIEWFIELD AVENUE.
 WHITTIER QUAD. 19.75 (ADJ.)



INDEX MAP
 TRACT No. 28052 P.C. No. 9584
 SCALE: 1/4" = 100'

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS:
 THE EXISTENCE AND APPROXIMATE LOCATIONS OF EXISTING UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE DETERMINED BY A SEARCH OF AVAILABLE PUBLIC RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UNDERGROUND UTILITIES OR STRUCTURES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE EXISTING UNDERGROUND UTILITIES AND STRUCTURES SHOWN HEREIN AND ANY OTHER EXISTING UNDERGROUND UTILITIES OR STRUCTURES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
Robert R. F. Lane
 ROBERT R. F. LANE R.E.C. No. 12597 7-21-1978 DATE

Contractor agrees that he shall assume sole and complete responsibility for job site conditions during the course of construction of this Project, including safety of all persons and property; that this requirement shall apply continuously and not be limited to normal working hours; and that the Contractor shall defend, indemnify and hold the Owner and the Engineer harmless from any and all liability, real or alleged, in connection with the performance of work on this Project, excepting for liability arising from the sole negligence of the Owner or the Engineer.

REVISION NO. 1
 9-26-79
 STREET ALIGNMENT OF DOLONITA AVE AND LOTS 7-11 OF TRACT NO. 28052 ALL AS SHOWN ON PAGES 2A & 2B HAVE BEEN REVISED TO AGREE WITH THE REVISED TRACT MAP 16873 10/2/79
 APPROVED *Robert R. F. Lane*
 OFFICE OF COUNTY ENGINEER / R.E.C. No. DATE

REVISION NO. 2
 7-18-80
 MOVED MANHOLE FROM STA 1+51 TO STA 1+57 TO AVOID RETAINING WALL FOOTING. REVISED VERTICAL CURVE ELEVATIONS & SHOWED RETAINING WALL IN PLAN & PROFILE.
 APPROVED *John L. Miller* 11086 7/22/80
 OFFICE OF COUNTY ENGINEER / R.E.C. No. DATE

NOTE: LOT No. 12 (P STA. 1+02.5) AND LOT No. 14 (P STA. 2+57.0) ARE SERVED BY EXISTING 8" V.C.P. HOUSE LATERALS PER TRACT No. 30741, P.C. No. 7254, PAGE 6B.
 NOTE: LOT No. 15 IS TO BE SERVED BY THE CONSTRUCTION OF A SADDLE PER 8" V.C.P. AND 4" V.C.P. HOUSE LATERAL CONNECTION AT STATION 2+10.00 TO EXISTING 8" V.C.P. MANHOLE SEWER PER TRACT No. 30741, P.C. No. 7254, PAGE 6B.

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

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE 362-3605 SO THAT REQUIRED INSPECTION CAN BE MADE.

- GENERAL NOTES: DOUBLE SCALE**
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN 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.
 - GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, 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 TO ADJACENT 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 "1" OR "1 1/2" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR 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.
 - 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, 504 E. DOLONITA 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 7-18.1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 - PROF. IS THE OBLIGANCE OF THE ENGINEER TO OBTAIN A CERTIFICATE FROM THE COUNTY ENGINEER. THE CONTRACTOR SHALL OBTAIN A PERMIT TO DISPOSE OF THE WASTE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY, AND SHALL PAY A CERTIFICATE OF WASTEWATER DISPOSITION FEE AND LIABILITY INSURANCE WITH THE COUNTY ENGINEER.
 - ②-7-50 INDICATED HOUSE LATERAL IS NOT TO BE CONSTRUCTED DOWNSTREAM OF THIS STATION.

- CONSTRUCTION NOTES:**
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FROM EDITIONS SEPTEMBER 1, 1978 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION, PHONE 125-74-7125, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - TYPE OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE SEWER EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-31 OR PRECAST CONCRETE MANHOLES PER 5-23, 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 WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 - WETTED CLAY PIPE JOINTS SHALL BE TYPE "B", "C", OR "D" PER STANDARD SPECIFICATIONS SECTION 300-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 5-23, CASE II, 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, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - ALL COVER BETWEEN CLAY PIPE AND WETTED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 300-3.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 304-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 - REINFORCE ALL THROUGHS WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - FULL COMPLIANCE WITH SECTION 304.1.5 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 FINAL ACCEPTANCE.
 - SPECIAL BACKFILL IN DESIGNATED AREAS:
 - BACKFILL UNDER EACH SIDEWALK SHALL BE 20 IN. TO ACHIEVE THE MAXIMUM OF FINISHED GRADE AND COVERED OVER ON CANTON PLANS APPROVED FOR THIS TRACT BY THE BUILDING AND SAFETY DIVISION.
 - NO. 4 SAND AND GRAVEL BACKFILL SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TESTING D-1557-57 IN UNIMPROVED AREAS. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

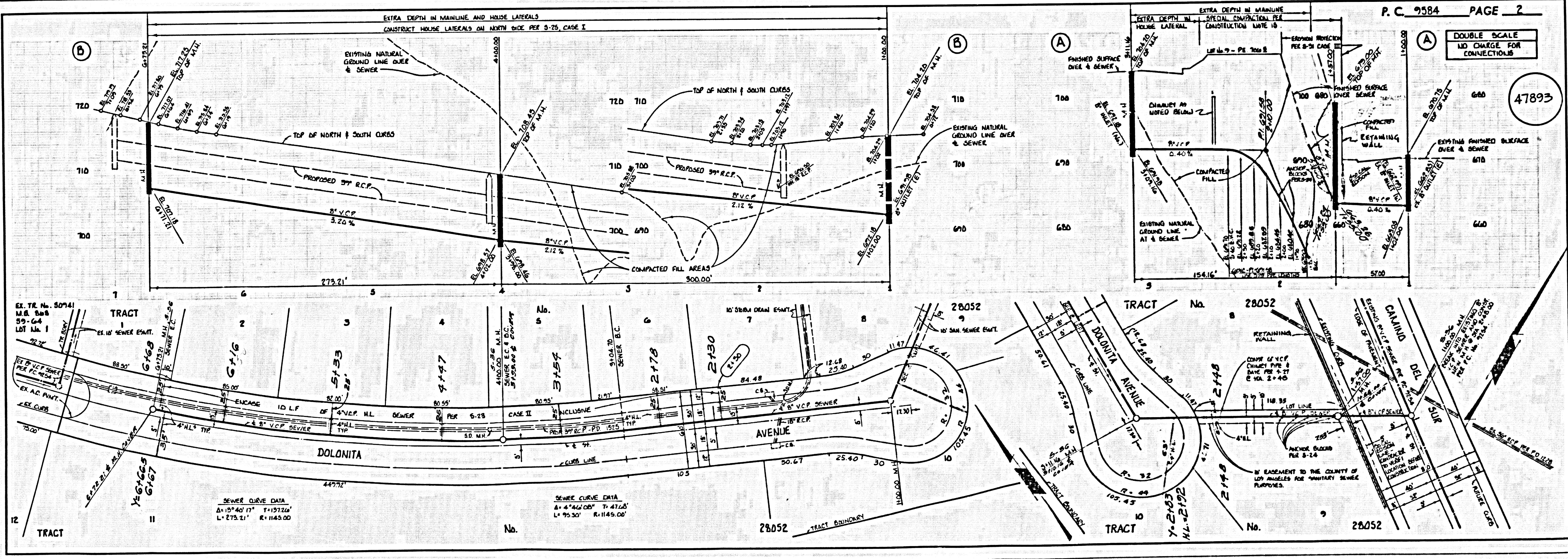
PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN
TRACT NO. 28052
PRIVATE CONTRACT NO. 9584

W.S. 37-ES
 1 SHEET, 2 PAGES
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40'
 JULY, 1978
 PREPARED IN THE OFFICES OF
KEMMERER ENGINEERING CO. INC.
 6105 S. PALMATER AVENUE
 WHITTIER, CA 90606 (213) 698-0771
 BY: *Robert R. F. Lane*
 REG. C.E. No. 11347

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

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MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STEP	5-17
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ENVIRONMENTAL PROTECTION IN STREET RIGHT-OF-WAY	5-36
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COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. KOONCE, COUNTY ENGINEER WALTER E. GARRISON, CHIEF ENGINEER
 APPROVED *John L. Miller* 11086 7/22/80 APPROVED *Robert R. F. Lane* 11347 7/21/78
 SAN DIMAS REGIONAL ENGINEER OFFICE ENGINEER
 CHECKED *Robert R. F. Lane* 7/21/78
 REG. C.E. No. 16 873
 LA PUENTE, INDG. DIST. 200. J.N. 0358.02



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