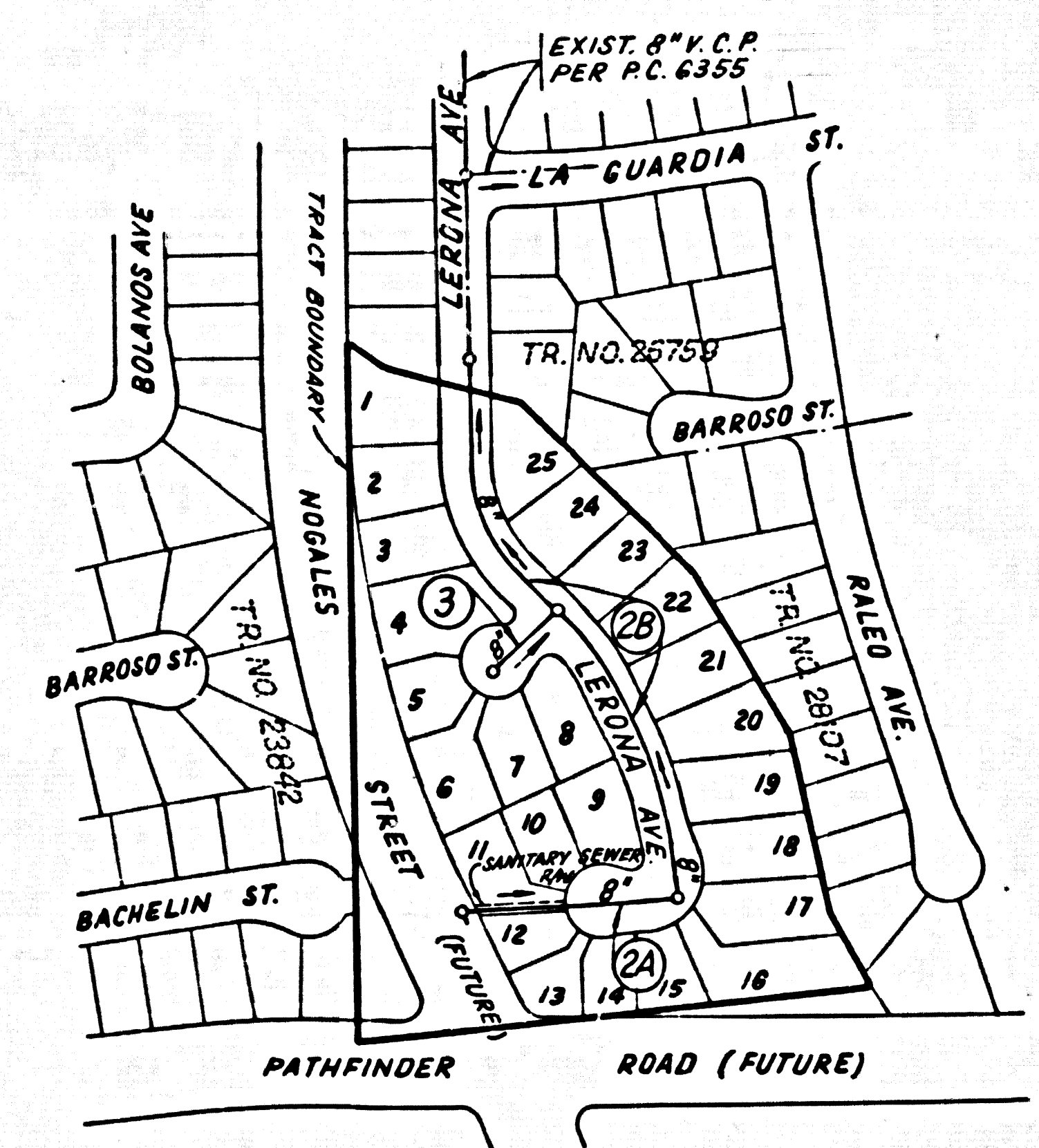


B.M. CG 4237 ELEV. 564.905
 ROAD DEPT. BENCH MARK NEAR S.W. COR.
 CONC. HWY. TO HOUSE N° 2454 DESIRE
 AVE. 288 FT. N. AND 22 FT. E. OF INT.
 PATHFINDER RD.
 OTTERBEIN QUAD. 19.75



NOTE: NUMBERS IN CIRCLES
 INDICATE PAGE NUMBERS

INDEX MAP
 SCALE: 1"=200'
 P.C. 9540

CONSTRUCTION NOTES (CONT.)
 15.(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 TESTING D58-57T AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTATION SHALL BE SUBMITTED TO THE ENVIRONMENTAL DEVELOPMENT DIVISION.

BEFORE BREAKING INTO OR CONSTRUCTION OF A CITY SANITATION DISTRICT SEWER AND PRIOR TO THE INSTALLATION OF THE PROJECT, THE DISTRICT ENGINEER SHALL BE NOTIFIED BY PHONE 322-6674 SO THAT AN INSPECTION CAN BE MADE.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO ANY SEWER OR TO THE SANITATION DISTRICT SEWER SYSTEM UNLESS A PERMIT FOR SUCH CONNECTION HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

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 IMPROVEMENTS OF THE COUNTY ENGINEER WILL BE CONSTRUCTED 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 SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADY 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 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 BY WRITING BY THE PRIVATE ENGINEER.
- THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE 70% 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, 501 E. BOWLIER 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, 138 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 OR OF 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 7-10.1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY OBSTACLE.
- 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 (1978 EDITION) SEPT. 21, 1978 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION, PHONE (213) 750-2156 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.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 3-3 OR PRECAST CONCRETE MANHOLES PER 3-3, EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCE AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISH TO GRADE.
- VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "P", OR "D" PER STANDARD SPECIFICATIONS SECTION 308-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 3-33, 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 3-33, CASE 2, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SEAL JOINT, TYPE "C" OR "D", FIFTH EDITION IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 308-2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-1.4 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 306-1.3.5 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTATION 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.
- SPECIAL BACKFILL IN DESIGNATED AREAS (A) BACKFILL TRENCH AND REPLACE OTHER EARTH REMOVED SO AS TO ACHIEVE THE NATURAL OR RAISED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS TRACT MAP BY THE BUILDING AND SAFETY DIVISION.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN
TRACT N° 32380

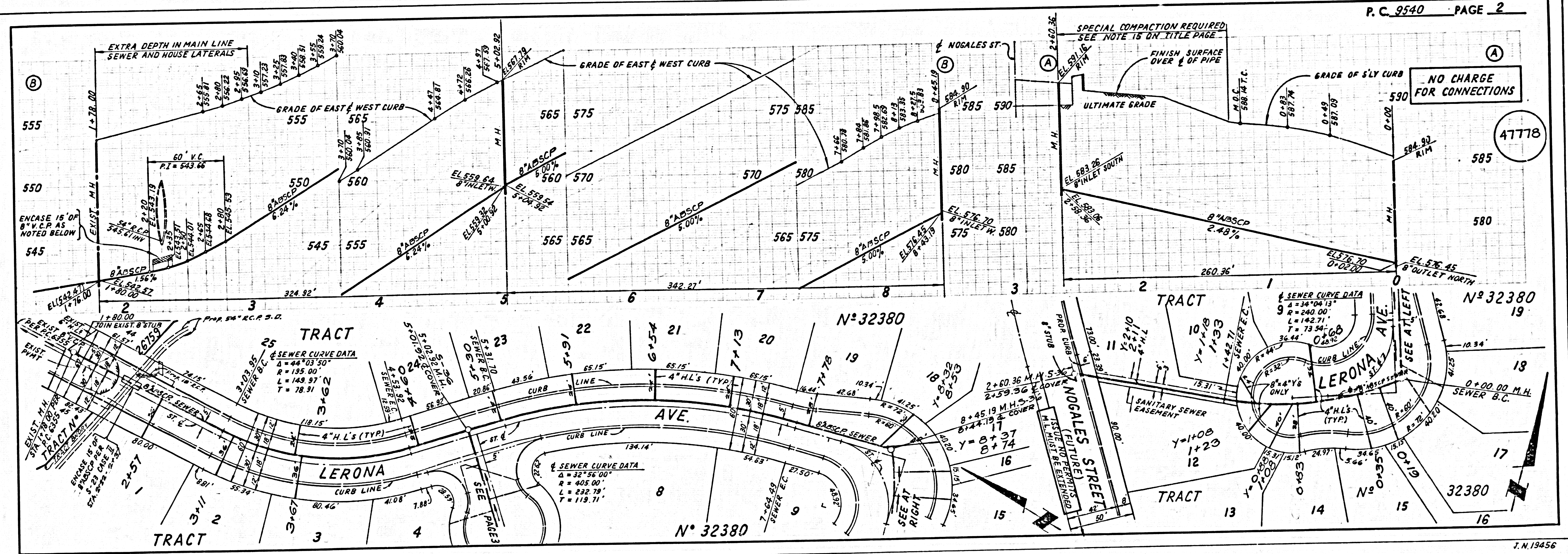
PRIVATE CONTRACT NO. 9540

W.S. 38 D-5
 2 SHEETS, 3 PAGES (4777)
 SCALE: VERT. 1"=4' HORIZ. 1"=40'
 MAY 9, 1978
 PREPARED IN THE OFFICES OF
 ROBERT BEIN, WILLIAM FROST & ASSOCIATES
 P.O. BOX 2550, 1701 (MAIL ST.) NEWPORT BEACH CA 92663
 TEL. (714) 833-9800
 BY: *Robert Bein*
 REG. C.E. N° 12759

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

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STANDARD MANHOLE ETP	5-3
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LOCKING MANHOLE FRAME AND COVER	5-3
NON-BRICKWORK PRECAST CONCRETE MANHOLE	5-3

COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. KOONCE, COUNTY ENGINEER JOHN D. PARKHURST, CHIEF ENGINEER
 APPROVED *John D. Parkhurst* DATE *5/10/78* APPROVED *Robert Bein* DATE *5/10/78*
 SAN DIMAS REGIONAL ENGINEER OFFICE ENGINEER
 CHECKED *Ralph David Quint* DATE *12/4/80*
 BRATE
 REG. C.E. NO. 16873
 LA PUENTE BLDG. DIST. 2



0428-29-08552 QW T3A9T

NO CHARGE FOR CONNECTIONS

47779

