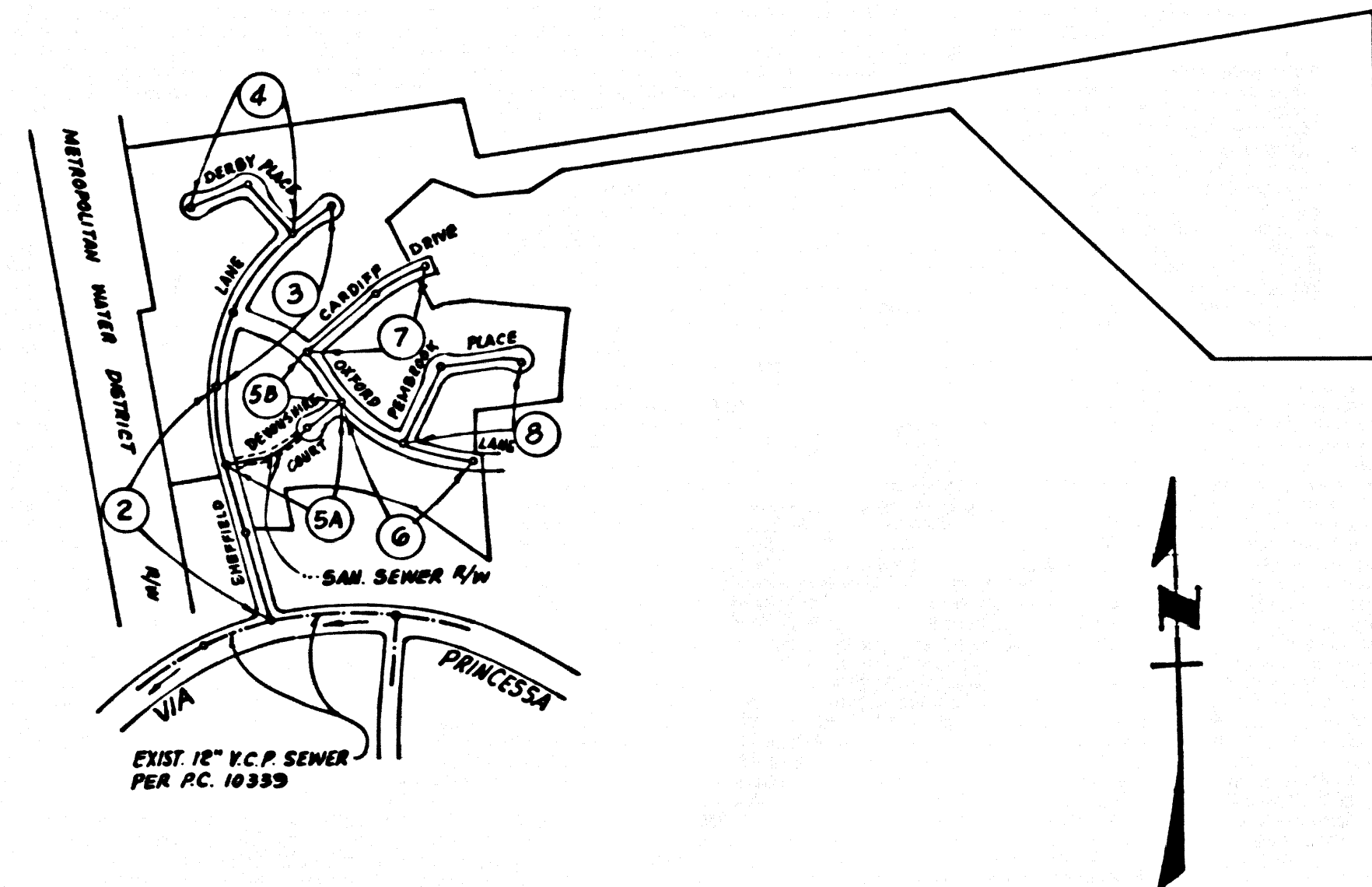


B.M. CL 2911 ELEV. 1100.388
 P.C. MON CONC. HDWL. 8' 278' 437' 207' W 4%
 SAN FERNANDO ROAD 4.08 MI S OF
 SAUGUS R.R. STA. MKD. (S.M. 128 0000 1963)
 NEWHALL QUAD. 1978

DOUBLE VERTICAL SCALE



NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

REVISION NO. 1 DATE 11-18-82
 REVISED 4" ALL PER 3-25 FOR LOT 56 ON PAGE 7

APPROVED: *Scott G. Helms*
 DEPT. OF PUBLIC WORKS

REVISION NO. 2 DATE 11-18-82
 CONST 4" H.L.S. PER 3-25 FOR LOTS 88 AND 89 ON PAGE 6

APPROVED: *Scott G. Helms*
 DEPT. OF PUBLIC WORKS

INDEX MAP
 SCALE: 1" = 600'
 P.C. 10518

BACKWATER VALVES MAY BE REQUIRED FOR THE FOLLOWING LOTS:
 6, 7, 8, 9, 100, 101, 102, 11, 12, 13, 14, 39, 40,
 41, 42, 37, 15, 16, 30, 31, 24, 58, 73, 85, 86,
 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, 54, 55,
 56, 57, 62, 63, 64, 67, 77 & 78.

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

Edward L. Pearson
 EDWARD L. PEARSON R.C.E. 9783

- FULL COMPLIANCE WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE.
- MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
- A.B.S. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.
- A.B.S. COMPOSITE PIPE SHALL BE REDDED IN CONFORMANCE WITH THE TABLE IN SECTION B-3.1 OF PART IV OF THE SPECIAL PROVISIONS.
- THREE DEGREE DEFLECTION COUPLERS ARE REQUIRED FOR RADIUS OF CURVATURE LESS THAN 300 FEET WHEN USING 8" A.B.S. COMPOSITE PIPE.
- NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.B.S. COMPOSITE PIPE IS USED.
- SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR BEVELING PIPE ENDS WHEN USING PLASTIC PIPE INCLUDING A.B.S. COMPOSITE PIPE.
- ALL WYES AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
- A.B.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MAINLINE SEWER.
- ONLY WYE BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWER SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER 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, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE 818-962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

LOTS 109 AND 110 ARE NONBUILDABLE LOTS AND WILL NOT BE SERVED BY THIS SEWER

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 DIRECTOR OF PUBLIC WORKS.
- NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- GRADES TO WHICH THIS SEWER IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURVES, CENTER LINE OF STREETS OR CENTER LINE OF ALLIES ARE SHOWN BY CURVE OR PROFILE TABLES 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 DEPARTMENT OF PUBLIC WORKS WITH INQUIRY 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 STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAINLINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAINLINE 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 POSELEMENT OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS DISTRICT OFFICE NO. 1000 AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2580 ALCAZAR ST., LOS ANGELES, CALIFORNIA 90028 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, 120 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 ORDERS.
- PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE HOLES ELEMENT AT THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, A DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF HOMEOWNERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS 2575 ALCAZAR ST. LOS ANGELES, CALIFORNIA 90028 AND A PERMIT, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 48 HOURS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1985 EDITION) WITH THE FOLLOWING EXCEPTIONS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 11/18/82, 11/18/82 AND 11/18/82.
- THE CONTRACTOR SHALL NOTIFY THE SANITATION DIVISION BY TELEPHONE 228-2821 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.
- 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 5-36, 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 PORTIONS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- VERTICAL CURVE POINTS SHALL BE TYPE "1" OR "2" PER STANDARD SPECIFICATIONS SECTION 200-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 9-23 CASE 1 TWO FEET FROM EACH SIDE FROM THE POINT OF INTERFERENCE.
- IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE ARE LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAINLINE OR HOUSE LATERAL, V.C.P. SHALL BE ENCASED PER 9-23 CASE 1 UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WYTHED CLAY PIPE SHALL BE MADE WITH A RUBBER SPECIAL JOINT TYPE "C" OR "D" (WITH RUBBER) IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 200-3.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-1.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 200-1.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL. INSTRUMENT 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.
- SPECIAL BACKFILL IN EXISTENCE CONSTRUCTION (I.E. 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. ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. METHOD OF TEST D698-57 AND MODIFIED ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.

PROFILE ALIGNMENT AND GRADE OF

SANITARY SEWERS

TO BE CONSTRUCTED IN
 TRACT NO. 44410

PRIVATE CONTRACT NO. 10518
 A-48 W.S. 62
 4 SHEETS; 8 PAGES

VERT. 1" = 4'
 HORIZ. 1" = 40'
 MAY 1986

PREPARED IN THE OFFICES OF
 E. L. PEARSON & ASSOCIATES, INC.
 1555 N. REDONDO BEACH BLVD. GARDENA, CA. 90247
 BY: *Edward L. Pearson*
 REG. C.E. NO. 9783

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

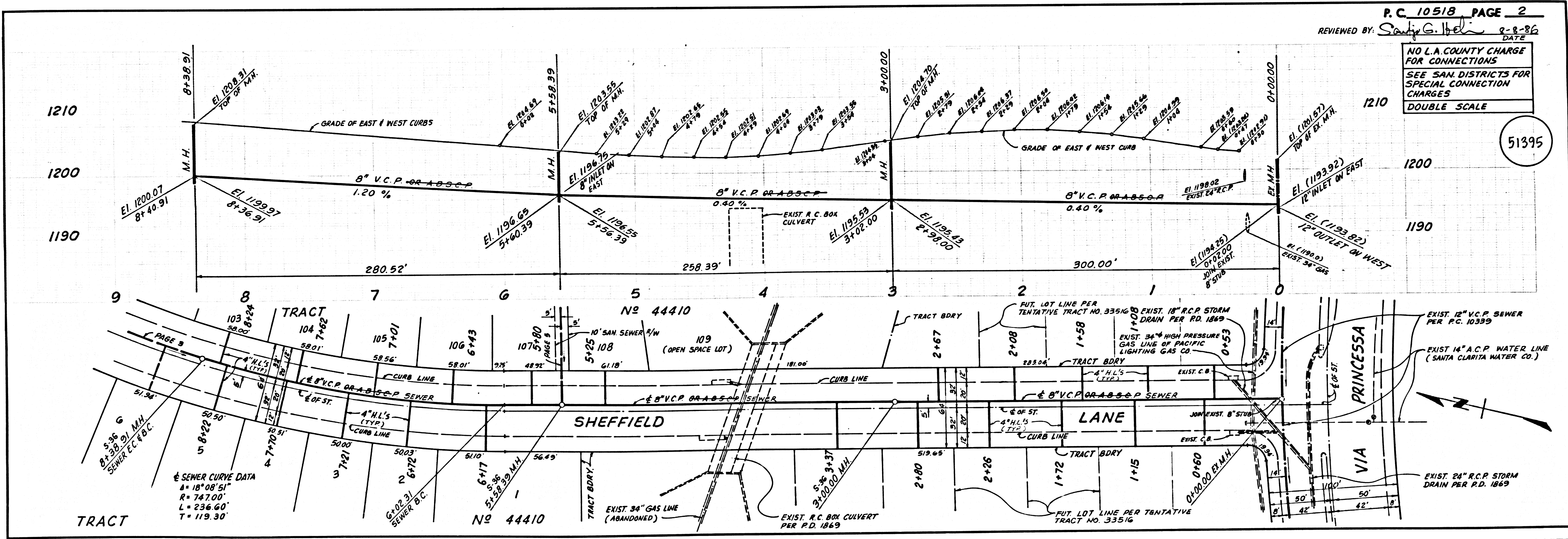
LEGEND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STEP	5-17
BEDDING FOR SEWER PIPE	5-21
CRADLING AND ENCASMENT	5-23
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CHIMNEY PIPE AND BASE	5-27
SPECIAL HOUSE LATERALS	5-28

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY, CHIEF ENGINEER

APPROVED: *Scott G. Helms* DATE 8/11/86
 APPROVED: *Edward L. Pearson* DATE 8/11/86

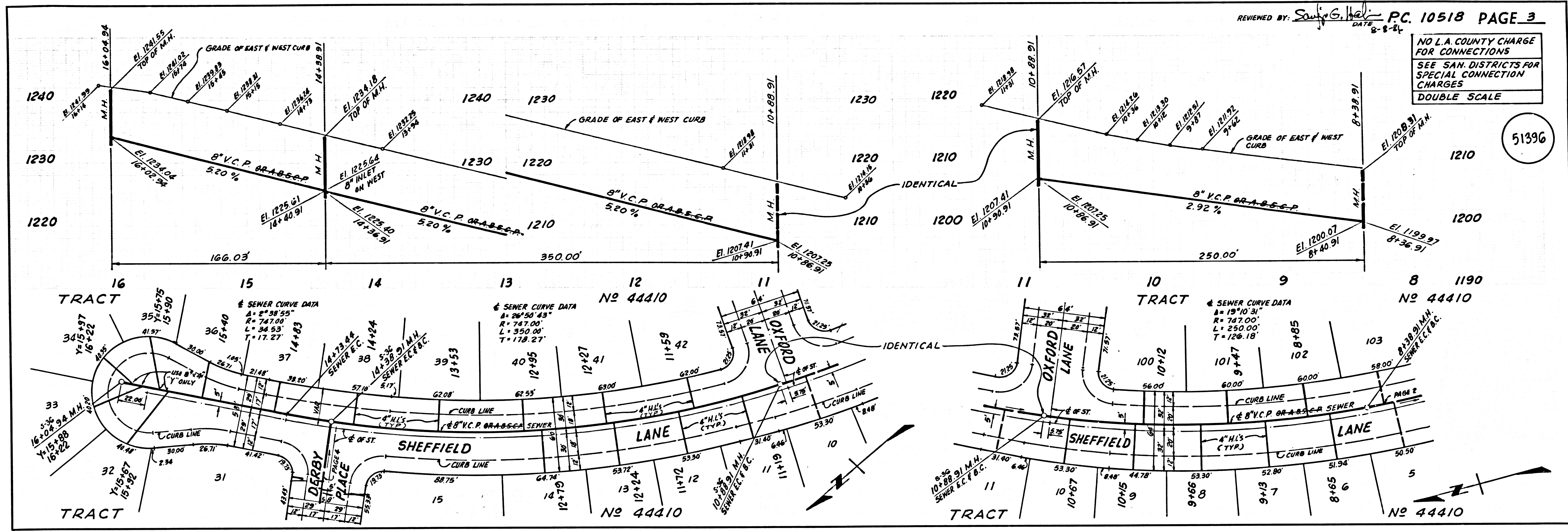
CHECKED: *Scott G. Helms* DATE 8/11/86
 REG. C.E. NO. 16841

SANTA CLARITA VALLEY BLDG. DIST. 82

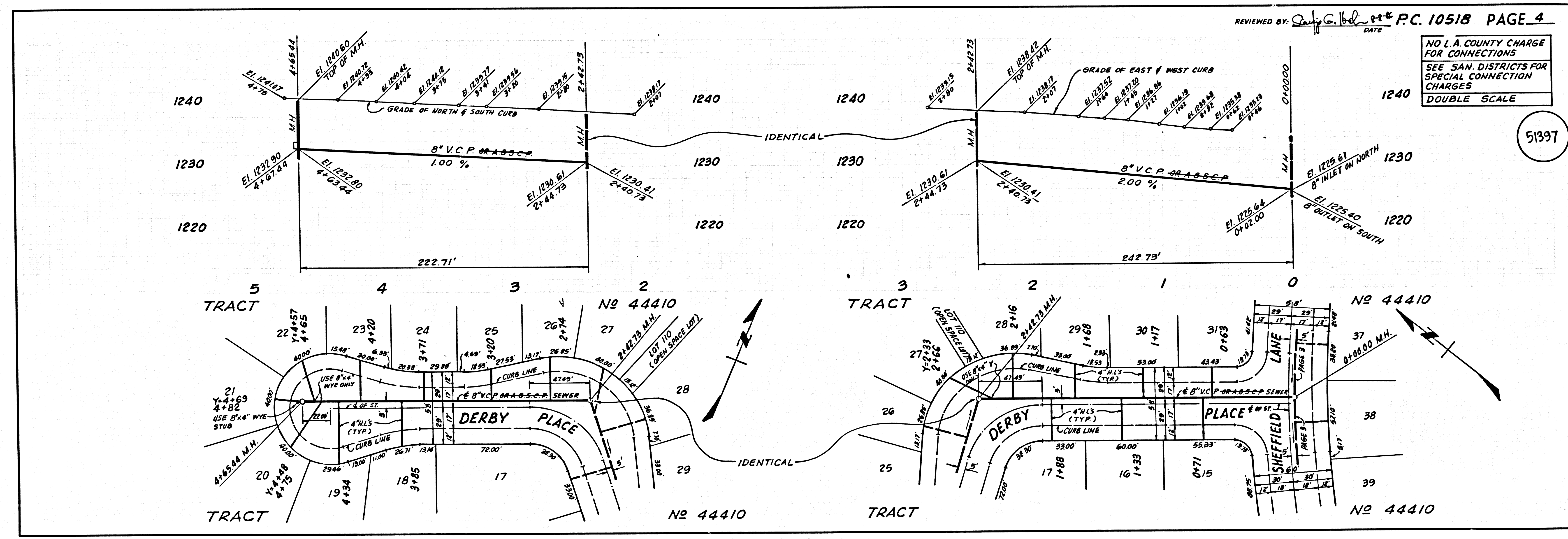


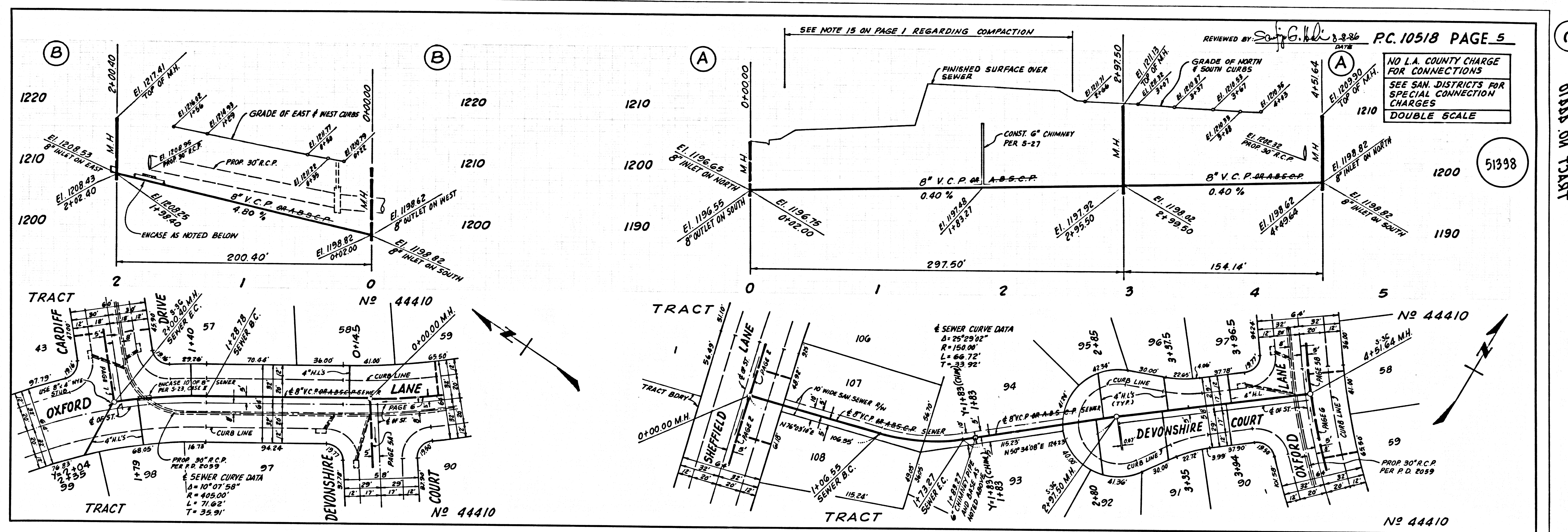
P.C. 10518 PAGE 2
 REVIEWED BY: *Scott G. Helms* DATE 8-8-86

NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE SAN. DISTRICTS FOR SPECIAL CONNECTION CHARGES
 DOUBLE SCALE



51396
81201 29
01818 ON TRACT





③
B1201 29
01439 5M TRACT

