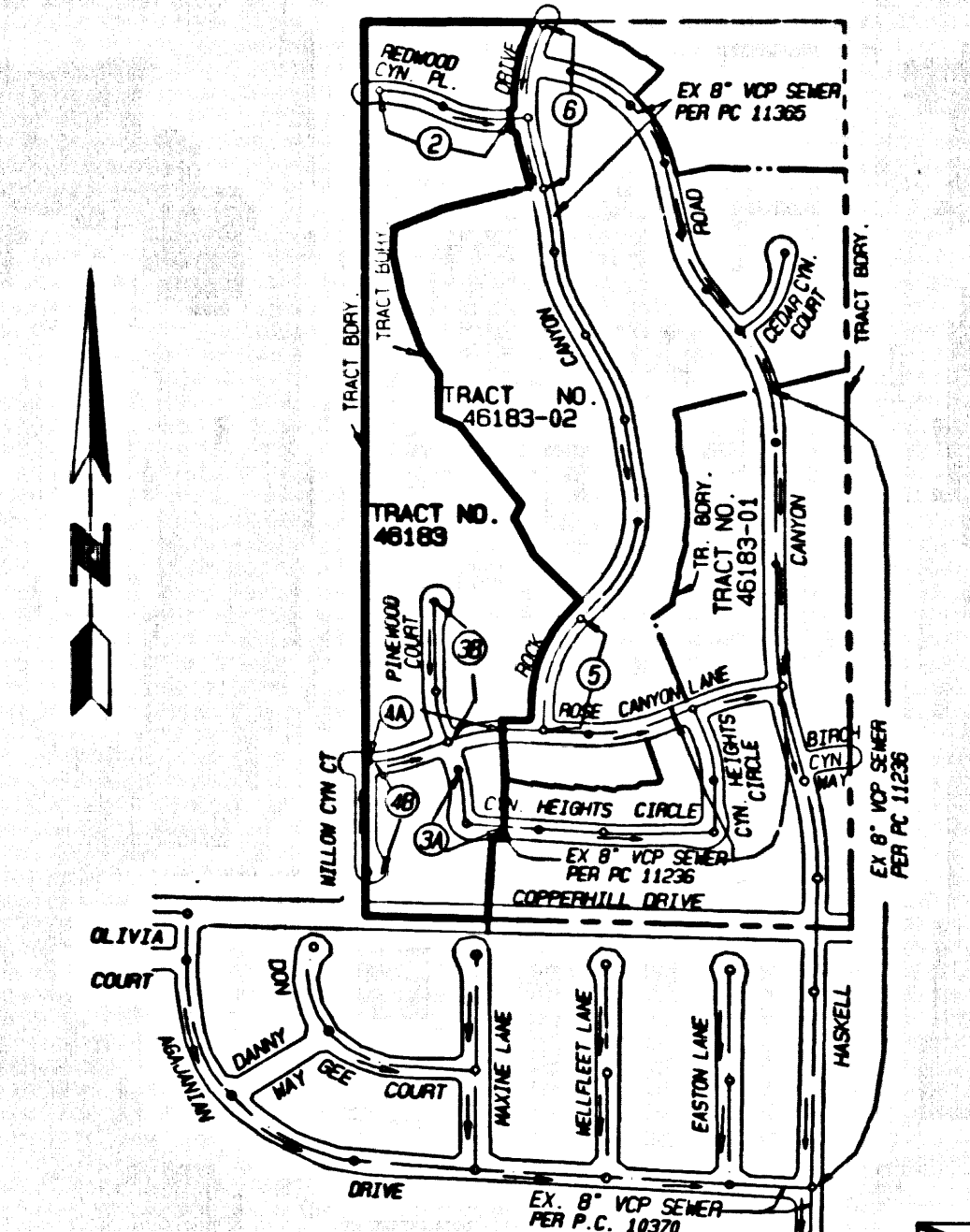


BENCH MARK: CL 4612 ELEV. 1267.653
 RDBM TAG E CB 75' S/O C/L PROD
 CENTURION WAY & 45' E/O C/L BOUQUET
 BOUQUET CYN RD
 NEWHALL QUAD. 1983



INDEX MAP
 SCALE: 1" = 600'
 P.C. 11441 TRACT NO. 46183
 THOMAS GUIDE PG. NO. 4461-83
 NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS

NPDES NOTES FOR SEWER CONSTRUCTION

- Erosion sediments and other pollutants must be retained on site and may not be transported from the site via sheetflow, swales, grass drains, natural drainage courses or wind.
- Stability of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.
- Fuels, oils, solvents and other liquids must be stored in accordance with their labeling and are not to contaminate the soil and surface waters. All spilled or leaked materials are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Soils may be washed back the drainage system.
- Excess or waste concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wastes on site until they can be disposed of as solid waste.
- Trash and construction related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadway must be stabilized so as to inhibit sediments from being deposited into the public way. Accidental discharges must be swept up immediately and may not be washed down by rain or other means.
- Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

- The following items are outlined but not limited to, the Best Management Practice Handbook, California Stormwater Quality Test Force "Best Management Practices" and the latest revised National Sanitation Foundation (NSF) Manual (Additional measures may be required if deemed appropriate by County).
- CA01 - DEMOLITION OPERATIONS
 - CA02 - PAVING OPERATIONS
 - CA03 - STRUCTURE CONSTRUCTION AND PAINTING
 - CA04 - MATERIAL DELIVERY AND STORAGE
 - CA05 - SOIL EROSION CONTROL
 - CA06 - HAZARDOUS WASTE MANAGEMENT
 - CA07 - CONCRETE WASTE MANAGEMENT
 - CA08 - SANITARY/SEPTIC WASTE MANAGEMENT
 - CA09 - VEHICLE AND EQUIPMENT MAINTENANCE
 - CA10 - VEHICLE AND EQUIPMENT FUELING
 - CA11 - VEHICLE AND EQUIPMENT CLEANING
 - CA12 - SCHEDULING
 - CA13 - PRESERVATION OF EXISTING VEGETATION
 - ES01 - SEEDING AND PLANTING
 - ES02 - MULCHING
 - ES03 - SEEDING AND MULCHING
 - ES04 - SOIL EROSION CONTROL
 - ES05 - CONSTRUCTION ROAD STABILIZATION
 - ES06 - TEMPORARY STREAM CROSSING
 - ES07 - STABILIZED CONSTRUCTION ENTRANCE
 - ES08 - STORM DRAIN INLET PROTECTION

STANDARD PLANS:
 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.

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

- APWA 208-0 BREAKING INTO EXISTING MANHOLES
- APWA 208-1 HOUSE CONNECTION SEWER
- APWA 208-2 HOUSE CONNECTION RENEWAL
- APWA 208-3 NON-REINFORCED PRECAST CONCRETE MANHOLE
- APWA 208-4 BLANKET PROTECTION FOR PIPES
- 2000-0 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS
- 2001-0 BEDDING FOR SEWER PIPE
- 2002-0 WYE OR TEE SUPPORT
- 2003-0 ALLOWABLE TRENCH WIDTHS
- 2004-0 MINIMUM PUBLIC SAFETY REQUIREMENTS
- 2005-0 STANDARD MANHOLE STEP
- 2006-1 CHANGING AND CHANGING
- 2006-2 REQUIREMENTS FOR SAN. SEWERS NEAR WATER MAINS

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 DISTRICT FOR SAID CONNECTIONS.

BEFORE BREAKING INTO OR CONSTRUCTION IN A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, A SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE AT (811) 266-4683, SO THAT REQUIRED INSPECTIONS CAN BE MADE.

NO.	REVISION	REVISOR	APPROVED BY	DATE
1	ADDED H.L.'S ON TRAMPY SLOPE OFF WILLIAM CYN CT FROM 1400.00 TO 441.00 ON PG. 48	buller	M.O. Gaff	1/11/00

DOUBLE SCALE

PRIVATE CONTRACT SEWER GENERAL NOTES

- A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE DEPARTMENT OF PUBLIC WORKS AT THE COUNTY OFFICE, 200 SOUTH FREIGHT AVENUE, 8TH FLOOR, ALHAMBRA, AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF WORK. ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, CALTRANS ETC. MUST BE FILED WITH THE PERMIT APPLICATION.
- PRIOR TO ISSUANCE OF ANY PERMIT THE CONTRACTOR SHALL FILE A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.
- 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.
- WHEN WORK IS WITHIN A CONTRACT CITY, THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY TO DETERMINE THE LOCATION TO PAY THE INSPECTION FEE.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE "APPLICATION FOR CONSTRUCTION PERMIT" TO ARRANGE FOR AN ACCEPTABLE CONSTRUCTION START DATE AND SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE: (811) 266-3126 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO 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.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, INCLUDING SUPPLEMENTS AND THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS' STANDARD S-2.
- 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 IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF STREETS, OR CENTERLINE 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 DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" CONNECTIONS AND SHALL PROVIDE STATIONING FOR ALL MAIN LINES AND STATIONING PLACING PLANTS. PRIVATE CONTRACT SEWERS 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 H.L. SEWER ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
- THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL OR MAIN LINE AT THE PROPERTY LINE BELOW THE TOP CURB ELEVATION FOR EACH HOUSE LATERAL ON THE UNDER SHEET.

CONSTRUCTION NOTES

- PROVIDE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
- VERTIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 208-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER STANDARD PLAN 2083-1, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VERTIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "D" (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS SECTION 208-2.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- IF DURING THE COURSE OF CONSTRUCTION, IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAINLINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER STANDARD PLAN S-208, OR RETROFITTED PRECAST CONCRETE MANHOLE PER STANDARD PLAN S-8, EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER STANDARD PLAN S-3 OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN S-8, OR RETROFITTED PRECAST CONCRETE MANHOLE PER STANDARD PLAN S-8, EXCEPT AS NOTED.
- REUSE/REPLACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
- PERFORMANCE WITH SECTION 208-1.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS IDENTIFIED PRIOR TO BACKFILL CONTRACT. A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE CONTRACTOR TO VERIFY THE BACKFILL IS IN ACCORDANCE WITH THE PERMITS.
- ALL BACKFILL AND FILLS OUTSIDE OF STREET RIGHT OF WAY SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM "SOIL COMPACTION TEST" D 1557-79 METHOD "D" UNLESS OTHERWISE SPECIFIED. THIS SHALL BE CERTIFIED BY A QUALIFIED CIVIL ENGINEER. THIS CERTIFICATION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS PRIOR TO ACCEPTANCE OF THE WORK BY THE COUNTY.
- MANHOLE TOPS IN IMPAVED AREAS OF WAY TO BE LEVEL WITH FINISHED GRADE.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-1.4 OF THE STANDARD SPECIFICATION AND SPECIAL PROVISIONS.
- 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.

PROFILE, ALIGNMENT AND GRADE OF

SANITARY SEWERS
 TO BE CONSTRUCTED IN

TR. 46183 PC NO. 11441
 3 SHEETS: 6 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA 56114
 INDEX MAP 1532

HARRY W. STONE DIRECTOR OF PUBLIC WORKS

APPROVED BY: LAND DEVELOPMENT DIVISION
 BY: [Signature] 2-22-00
 DATE: [Blank]

SUBMITTED BY: [Signature] 2-24-00
 DATE: [Blank]

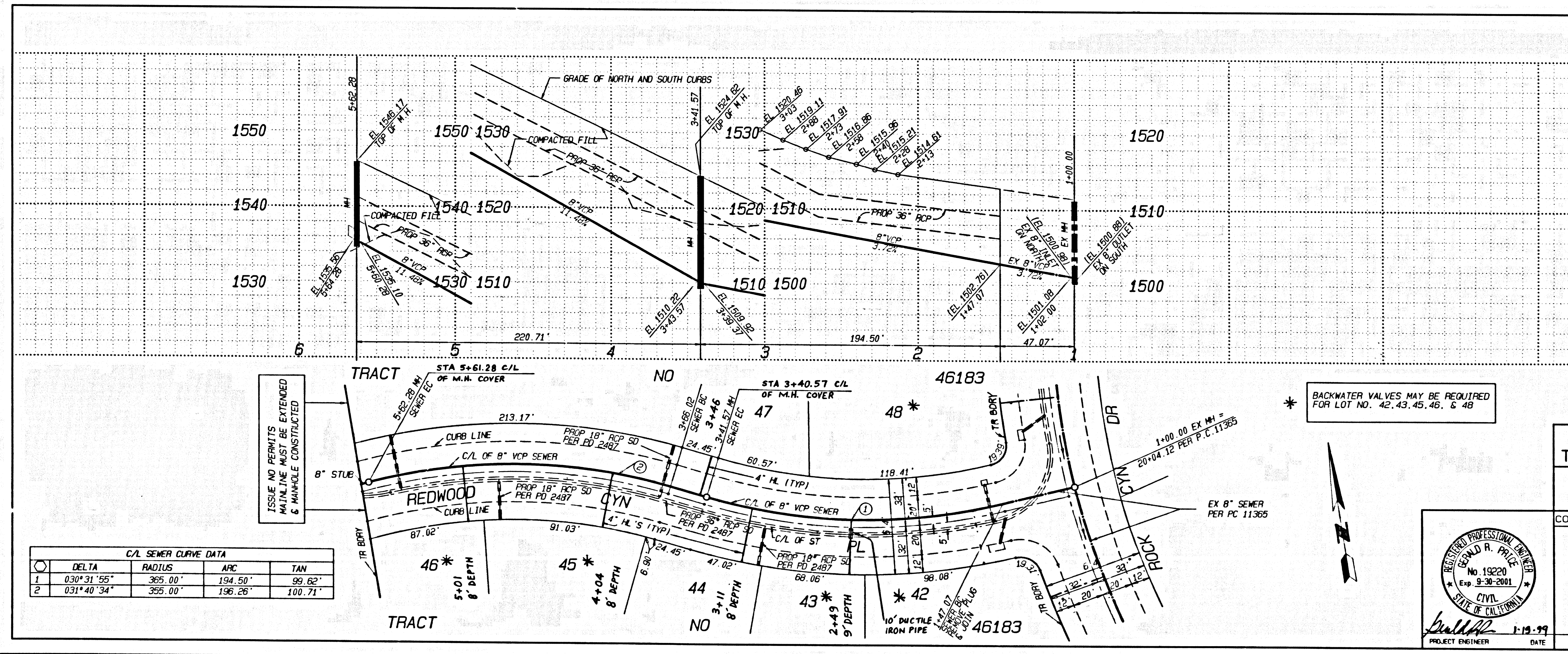
APPROVED: COUNTY SANITATION DISTRICT
 OF LOS ANGELES CALIF.
 CHARLES W. CARRY - CHIEF ENGINEER AND GENERAL MANAGER
 COUNTY SANITATION DISTRICT NO. 26

BY: [Signature] DATE: 2-28-00

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS REQUIRED BY A SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT SHOWN ON THIS MAP. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 1-800-452-1153 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CUMINGS OF GENERAL ENGINEERING COMPANY AT 1-800-546-8670 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

[Signature] 1-19-99
 REG. NO. 19229 DATE



C/L SEWER CURVE DATA

NO.	DELTA	RADIUS	ARC	TAN
1	030°31'55"	365.00'	194.50'	99.62'
2	031°40'34"	365.00'	196.26'	100.71'

P.C. 11441 PAGE 2

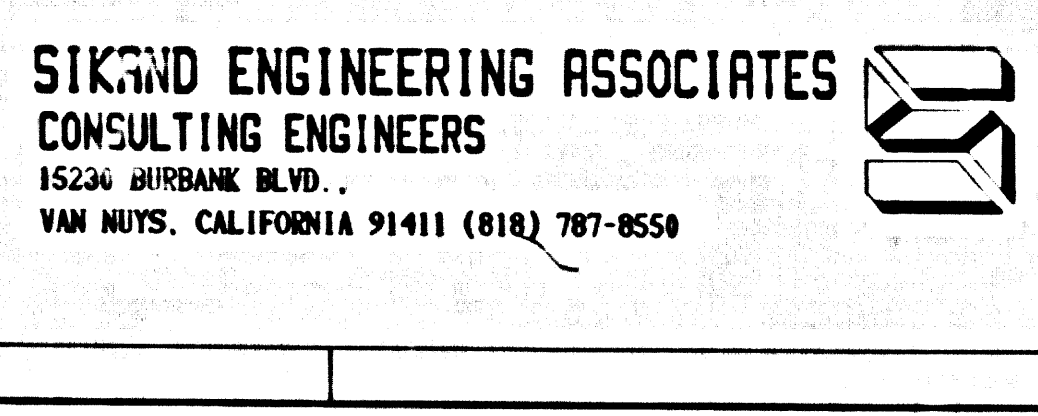
NO L.A. CO. CHARGES FOR CONNECTION
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (562) 699-7411 EX. 2727
 DOUBLE SCALE

56115

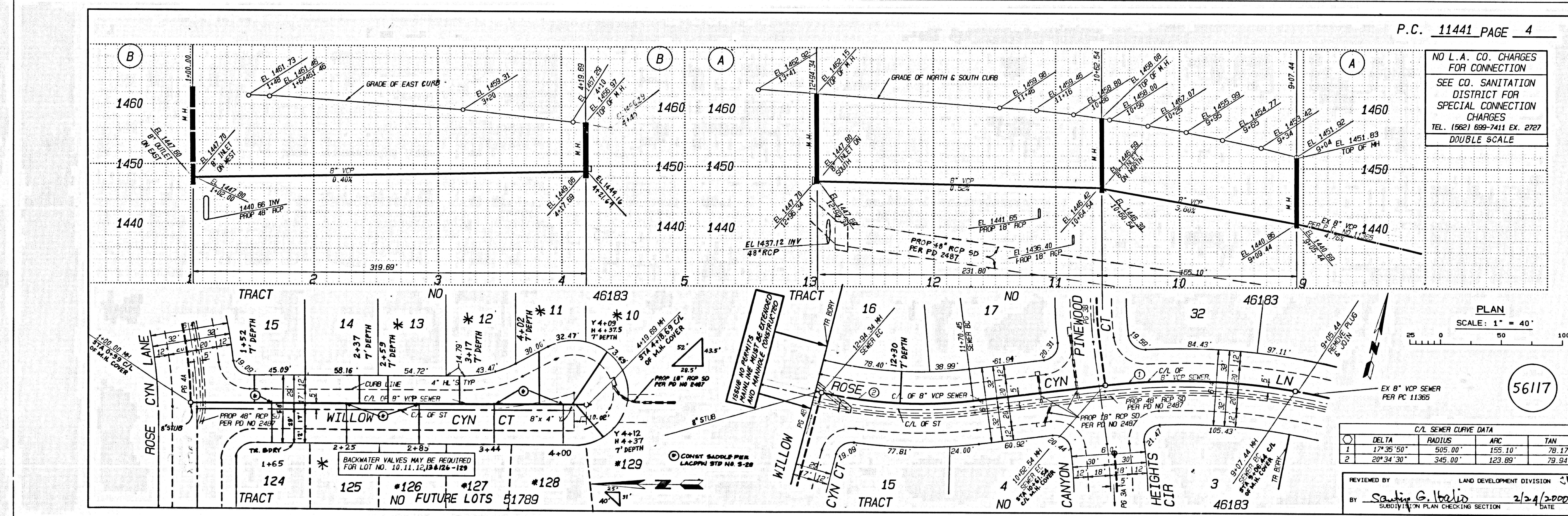
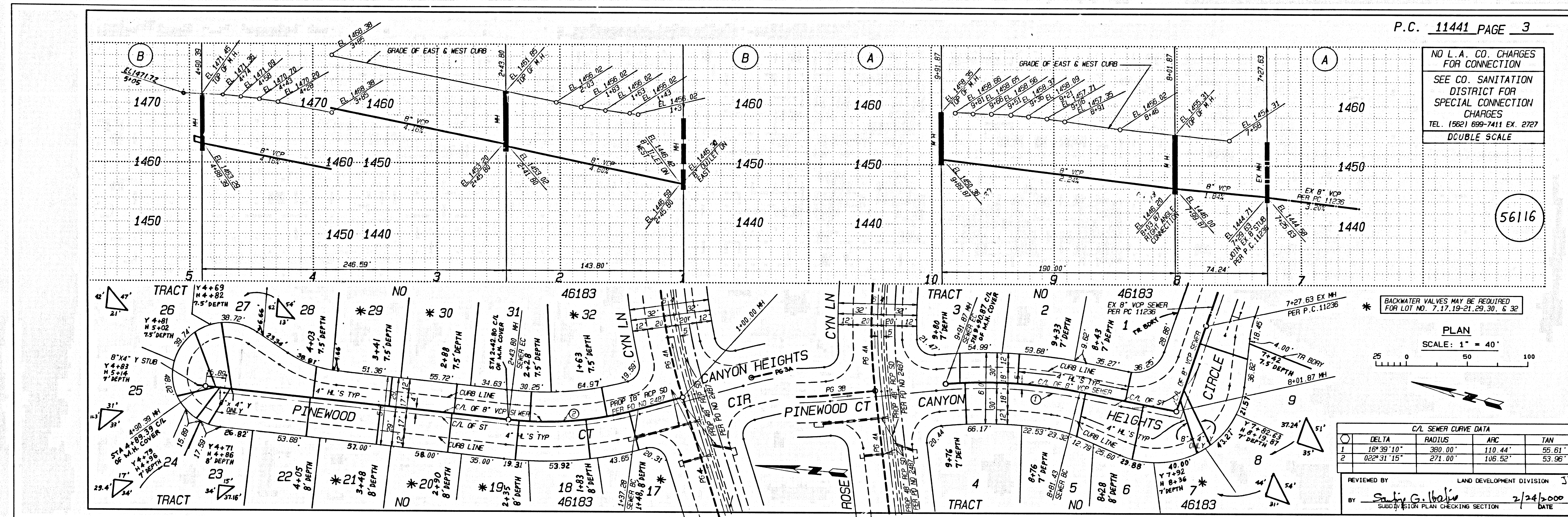
PLAN
 SCALE: 1" = 40'

SANITARY SEWER PLANS IN
 TR. NO. 46183 PC NO. 11441
 REVIEWED BY: [Signature] 2/24/2000
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

SIKIND ENGINEERING ASSOCIATES
 CONSULTING ENGINEERS
 15226 BRISBANK BLVD.,
 VAN NUYS, CALIFORNIA 91411 (818) 787-8558



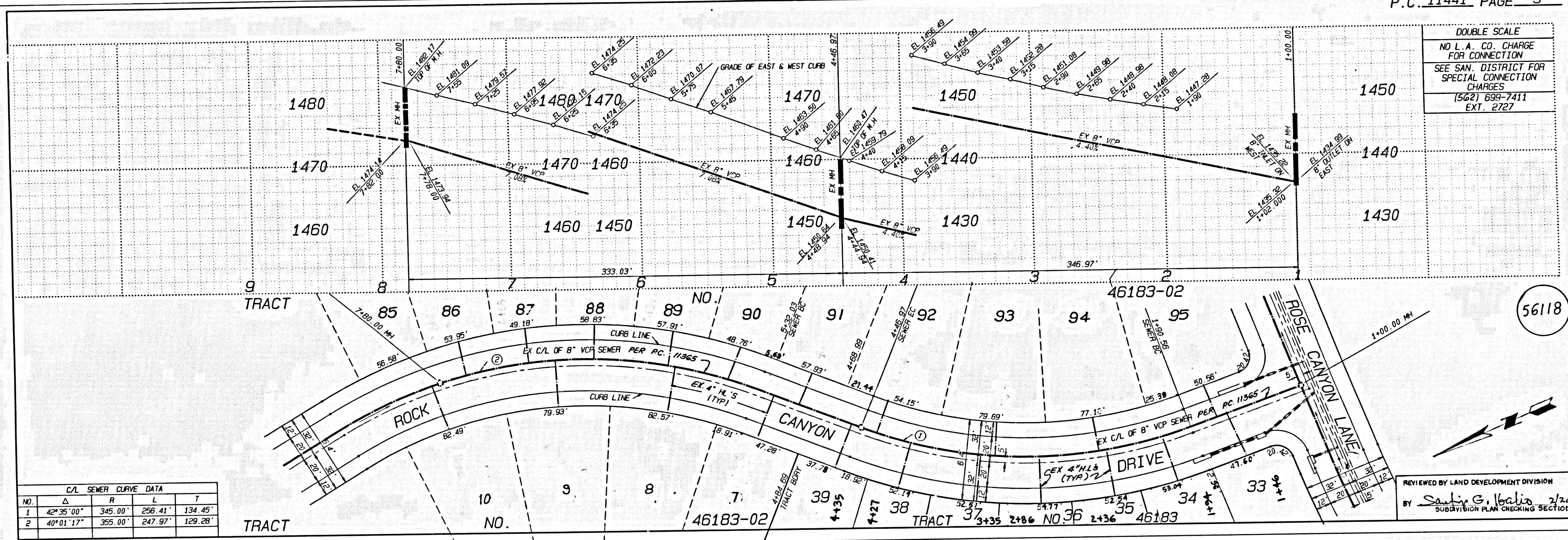
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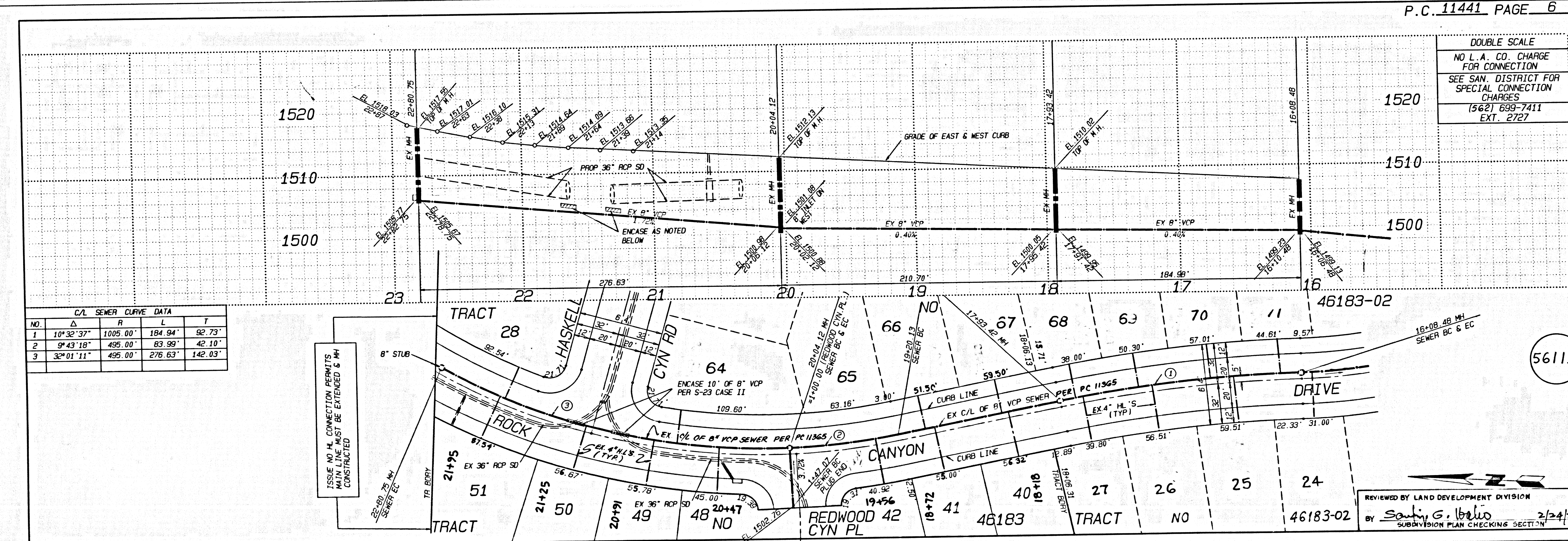
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