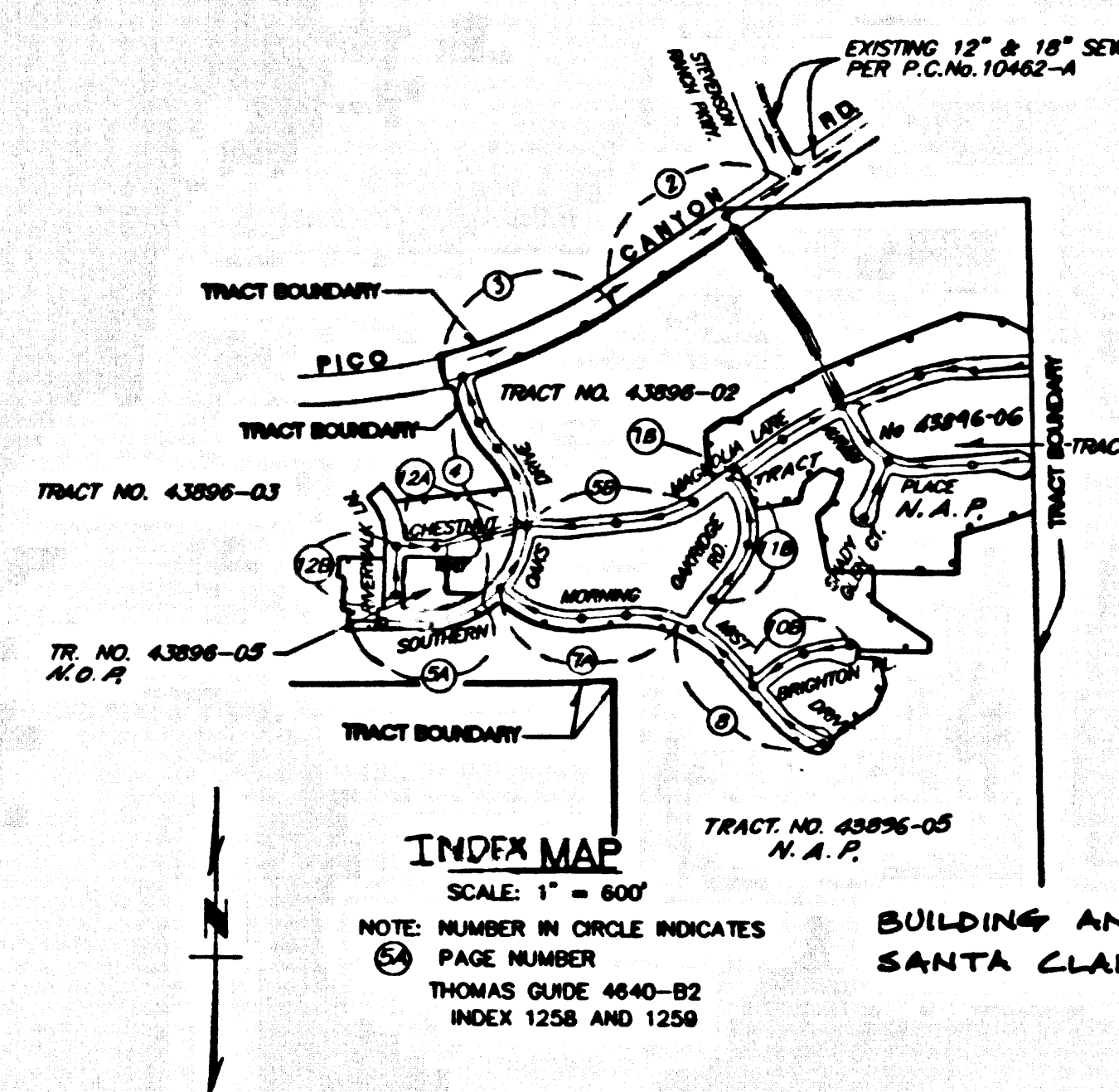


BENCH MARK L 3026
 RDEM TAG IN S CB 8.2 M W/O BGR @
 SW COR LYONS AVE & HILEY CYN RD
 30.5M W/O & 12.2M S/O C/L INT (NR W END CB)
 NE-HALL 14-5 ELEV. = 1265.246



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

| NO. | REVISION | REVISION BY | APPROVED BY | DATE |
|-----|--|------------------|-------------|---------|
| 1 | REVISED INDEX MAP, WASH LOT LINES (ONLY ON THIS SHEET) TO BE IN 15' GRID PAGE 2 & 3. SEE INDEX MAP ON PAGE 1 & 2. SHOW FROM MAIN LINE IN PAGE 1 FROM STA. 13+00 TO STA. 13+40.00. ADD PLAN & PROFILE LINE & CHANGES. | S.R. CONSULTANTS | [Signature] | 6/14/05 |
| 2 | ADD 15' V.C.P. FROM ALTERNATION LOT 56 TO 55. (SEE ALTERNATION NO. 43896-01) (SEE PLAN 13818) | [Signature] | [Signature] | 8/17/00 |

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

- Eroded sediments and other pollutants must be retained on site and may not be transported from the site via sheet flow, swales, area drains, natural drainage courses, or ditches.
- Stockpiles 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 toxic materials must be stored in accordance with their labeling and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into 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 waste 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 dispersed by wind.
- Sediments and other materials may not be broomed from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other.
- Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

- | | |
|---|--|
| CA001 - Dewatering Operations | ESC10 - SEEDING AND PLANTING |
| CA002 - PAINTING OPERATIONS | ESC11 - MULCHING |
| CA003 - STRUCTURE CONSTRUCTION AND PAINTING | ESC20 - GEOTEXTILES AND MATS |
| CA010 - MATERIAL DELIVERY AND STORAGE | ESC21 - DUST CONTROLS |
| CA020 - SOLID WASTE MANAGEMENT | ESC22 - TEMPORARY STREAM CROSSING |
| CA021 - HAZARDOUS WASTE MANAGEMENT | ESC23 - CONSTRUCTION ROAD STABILIZATION |
| CA023 - CONCRETE WASTE MANAGEMENT | ESC24 - STABILIZED CONSTRUCTION ENTRANCE |
| CA024 - SANITARY/SPECIFIC WASTE MANAGEMENT | ESC25 - STORM DRAIN INLET PROTECTION |
| CA030 - VEHICLE AND EQUIPMENT CLEANING | |
| CA031 - VEHICLE AND EQUIPMENT FUELING | |
| CA032 - VEHICLE AND EQUIPMENT MAINTENANCE | |
| ESC00 - SCHEDULED EXISTING VEGETATION | |
| ESC02 - PRESERVATION OF EXISTING VEGETATION | |

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

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
 APWA 208-0 BREAKING INTO EXISTING MANHOLES
 APWA 220-1 CHIMNEYS
 APWA 221-1 PIPE ANCHORS
 APWA 222-0 HOUSE CONNECTION SEWER
 APWA 223-0 HOUSE CONNECTION RELOCATING
 2000-3 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS
 2021-0 BEDDING FOR SEWER PIPE
 2024-0 WYE OR TEE SUPPORT
 2027-0 ALLOWABLE TRENCH WIDTHS
 2023-1 CRACKING AND ENGAGEMENT

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR ACCEPTANCE OF THE PROJECT, A SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (805) 947-5027 SO THAT REQUIRED INSPECTION CAN BE MADE.

LOT 56 IS RESTRICTED TO NO CONSTRUCTION OF RESIDENTIAL BUILDINGS AND WILL NOT BE SERVED BY THIS SEWER.

NOTE: ISSUE NO ALL CONNECTION PERMITS FOR LOTS FROM 56 TO 19 & FROM 32 TO 35 UNDER OUTLET P.C. 11544 IS ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES.

PRIVATE CONTRACT SEWER GENERAL NOTES

- The following general notes are to be included on Page 1 of all Private Contract Sewer Plans.
- 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 Permit Counter, 800 South Front Street, 8th Floor, Alhambra, at least 72 hours prior to starting work under this permit. Copies of 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 Worker's Compensation Insurance with the Department of Public Works named as the Certificate Holder to be notified 30 days prior to if work is done in State Highway, a permit must be obtained from the State of California Division of Highways, 120 South Spring Street, Los Angeles, California.
- When work is within a right-of-way, 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.
- Approval of this plan by the County of Los Angeles does not constitute a representation as to accuracy of the location of the existence or non-existence of any underground utility pipes or structures within the limits of this project. This note applies to all pages.
- All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction, including supplements and the latest Special Provisions for the Construction of Sanitary Sewers and shall be preceded only in the presence of the Department of Public Works.
- The contractor's attention is directed to Section 7-10.4.1 of the Standard Specifications for Public Works Construction in regard to safety orders and shall conform to the "Minimum Public Safety Requirements" as shown on Los Angeles Department of Public Works' Standard S-2.
- Excavations are in feet above U.S.C. & G.S. sea level datum of 1928.
- 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 the 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 of all points between and designated points.
- The private engineer shall furnish the Department of Public Works with grade sheets and stationing for all house laterals and "Y" or "T" branches and shall provide stationing for them at their proper locations with the exception of manholes. 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 driveways shall not be constructed at an angle less than 45 degrees with the M.L. 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 stationing for each house lateral on the grade sheet.

THIS SEWER PRIVATE CONTRACT ACCEPTED FOR PUBLIC USE
 06/14/2005
 COUNTY OF LOS ANGELES
 DEPARTMENT OF PUBLIC WORKS
 LAND DEVELOPMENT DIVISION

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.
- Vertical clay pipe joints shall be type "D" or "T" per standard specifications section 208-2.
- If a manhole is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case 8, two feet on each side from the point of interference.
- All joints between cast iron pipe and verified cast iron 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 the property line 8 feet below curb grade, except as noted.
- Wye or tee branches may be used for connections to the mainline sewer, 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 manhole or house lateral V.C.P. sewer which is not indicated on the plans, the pipes shall be encased per standard plan S-23, case 8, unless otherwise approved by the Director of Public Works.
- All structures shall be either brick sewer manholes per standard plan S-3 or precast concrete sewer manholes per standard plan S-36, or reinforced precast concrete manholes per standard plan S-3, except as noted.
- Reinforce all branches within paved areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permit.
- Full compliance with section 308-1.3.4 of the standard specification will be required for backfill in street certification of a certificate of completion of construction of a sewer.
- All backfill and fill outside of the street right of way shall be compacted to 90% of the maximum density as determined by ASTM soil compaction test D 1557-78 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 the acceptance of the work by the county.
- Manholes to be constructed in accordance with the construction division of the Department of Public Works prior to the acceptance of the work by the county.
- Sewers to be tested for leakage per section 308-1/4 of the standard specifications and special provisions.

PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS

TO BE CONSTRUCTED IN 54946
 TRACT NO. 43896-02 PC NO. 11464
 6 SHEETS 12 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 INDEX 1258 AND 1259

HARRY W. STONE DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY [Signature] ASSISTANT DIVISION ENGINEER DATE
 SUBMITTED BY [Signature] SUBMITTER PLAN CHECKING SECTION DATE

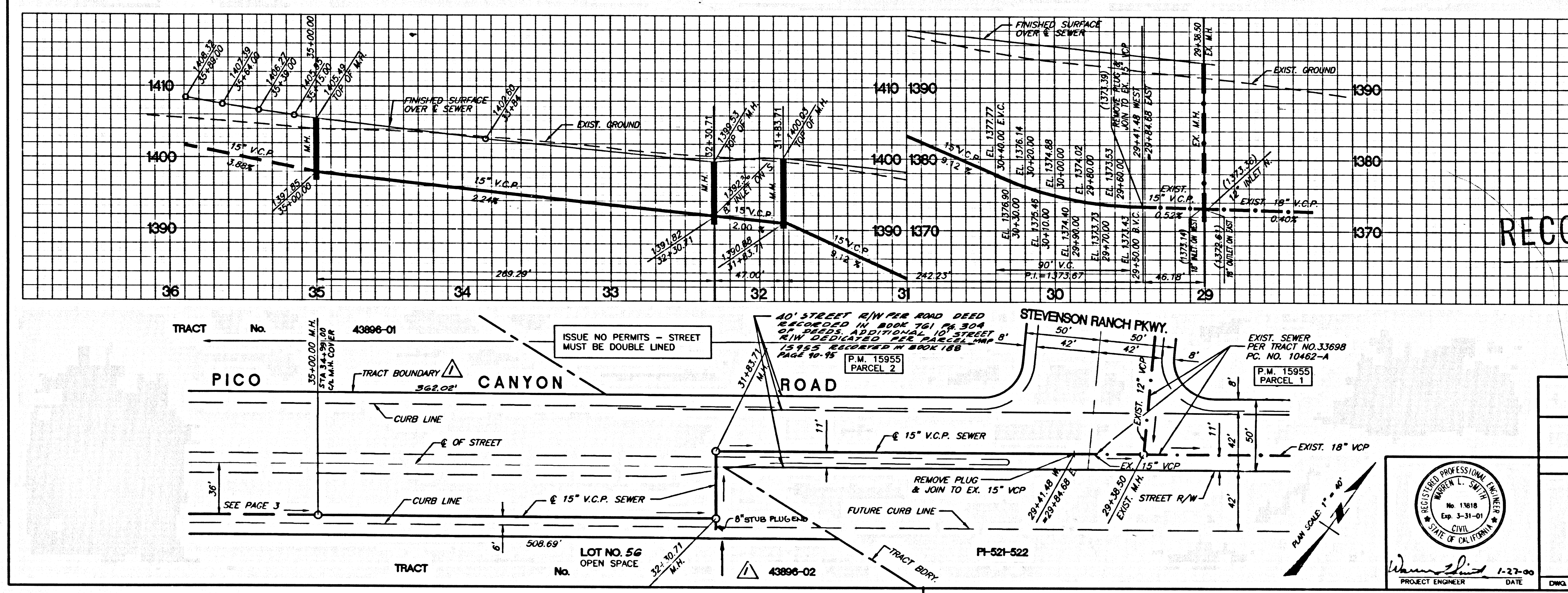
APPROVED: COUNTY SANITATION DISTRICT
 CHARLES W. CARRY - CHIEF ENGINEER AND GENERAL MANAGER
 COUNTY SANITATION DISTRICT NO. 32

BY [Signature] DATE: 4/1/2000
 FOR: [Signature]

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 OF RECORD OR NOT SHOWN ON THE DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 1-800-822-4113 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL THE RAY COMPANY OF GENERAL TELEPHONE COMPANY AT 1-800-348-4671 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

[Signature] J-27-00
 REC NO. 01231P DATE

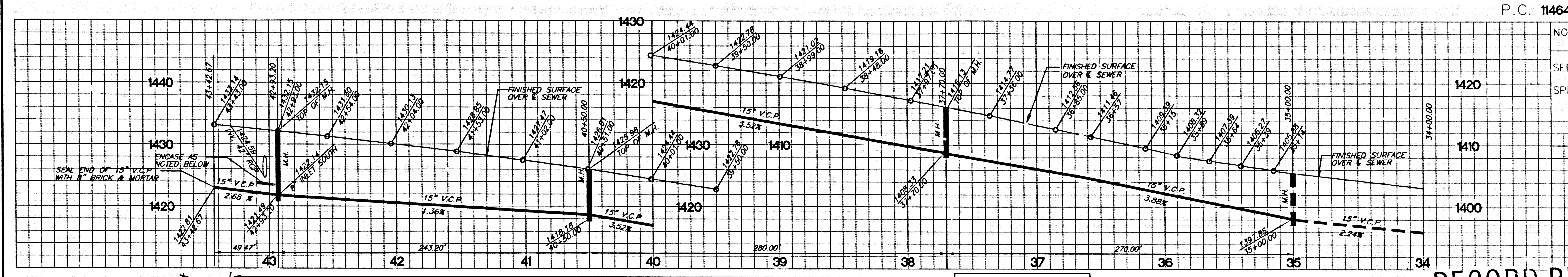


P.C. 11464 PAGE 2
 NO LA. CO. CHARGES FOR CONNECTION
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL (562) 699-7411 EX. 2727
 DOUBLE SCALE
 54947

GRAPHIC SCALE
 SCALE: 1" = 40'
 SANITARY SEWER PLANS IN TRACT NO. 43896-02 PC NO. 11464
 REVISED BY LAND DEVELOPMENT DIVISION BY [Signature] DATE: 1/31/00
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

SR CONSULTANTS, INC.
 ENGINEERING • LAND PLANNING • LAND SURVEYING
 2698 MATARO STREET
 PASADENA, CALIFORNIA 91107-3112
 Phone: (626) 683-0430

PROJECT ENGINEER DATE: 1-27-00 DWG.



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

54948

RECORD PLANS

TRACT No. 43896-01

| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
|-------|-----------|----------|---------|---------|
| C1 | 03°02'24" | 2136.00' | 113.33' | 56.68' |
| C2 | 07°30'39" | 2136.00' | 280.00' | 140.20' |
| C3 | 08°31'25" | 2136.00' | 243.20' | 121.73' |
| C4 | 01°19'37" | 2136.00' | 49.47' | 24.74' |

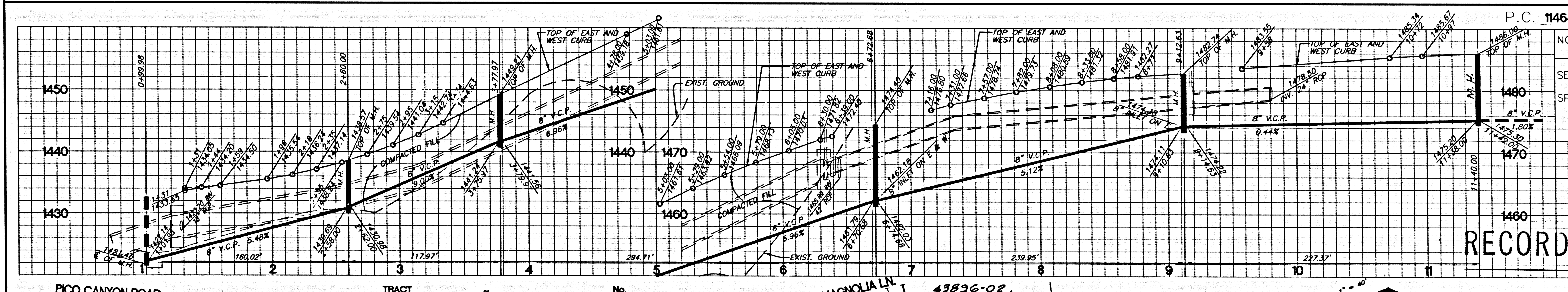
ISSUE NO PERMITS - STREET MUST BE DOUBLE LINED

PLAN SCALE: 1" = 40'

REGISTERED PROFESSIONAL ENGINEER
 No. 13818
 Exp. 3-31-01
 CIVIL
 STATE OF CALIFORNIA
 Wanda J. ...

SCALE: 1" = 40'

1/31/00 DATE



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

54949

RECORD PLANS

TRACT No. 43896-02

| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
|-------|-----------|---------|---------|---------|
| C1 | 07°42'56" | 345.00' | 46.45' | 23.26' |
| C2 | 19°33'30" | 345.00' | 117.97' | 59.67' |
| C3 | 47°33'51" | 355.00' | 294.71' | 156.45' |
| C4 | 38°43'36" | 355.00' | 239.95' | 124.76' |
| C5 | 30°16'48" | 355.00' | 227.37' | 96.05' |

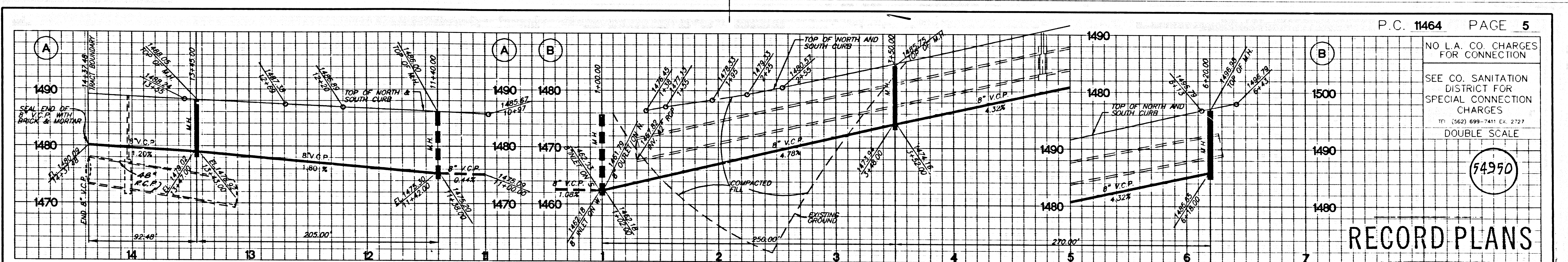
PLAN SCALE: 1" = 40'

REGISTERED PROFESSIONAL ENGINEER
 No. 13818
 Exp. 3-31-01
 CIVIL
 STATE OF CALIFORNIA
 Wanda J. ...

SCALE: 1" = 40'

1/31/00 DATE

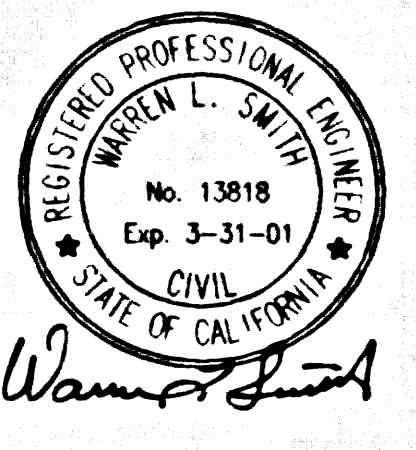
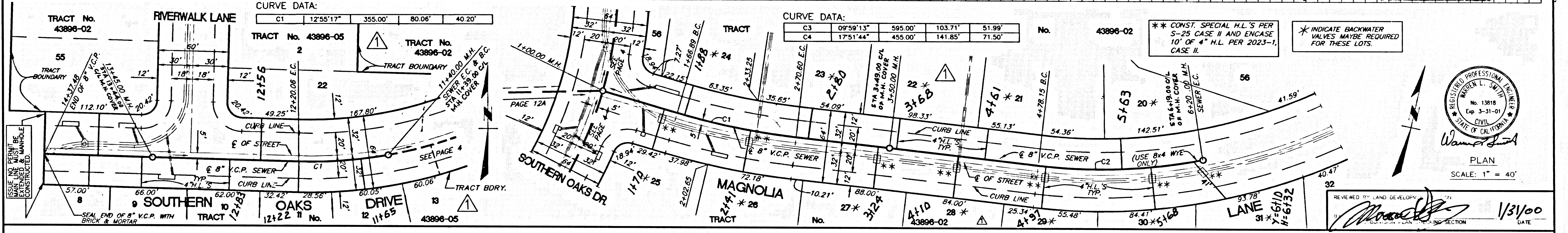
84111 09 SO-8884 ON TRACT



RECORD PLANS

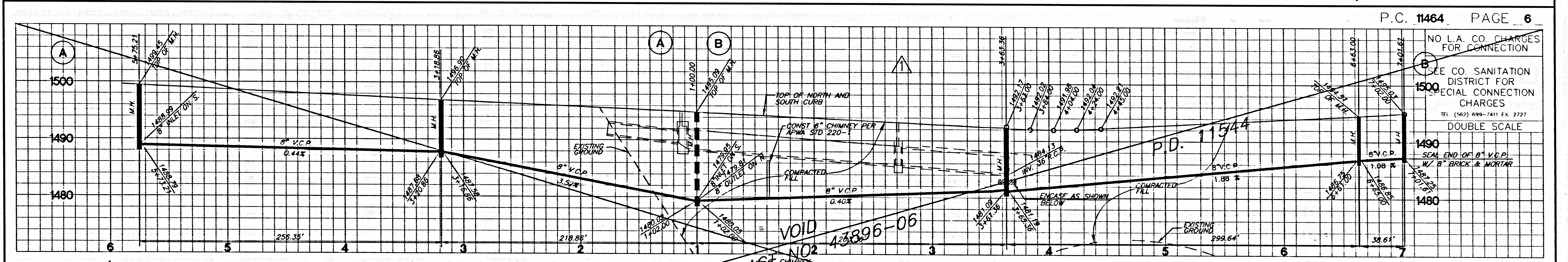
NO L.A. CO. CHARGES FOR CONNECTION
SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (562) 699-7411 EX. 2727
DOUBLE SCALE

54950



PLAN SCALE: 1" = 40'

REVIEWED BY: LAND DEVELOPER
DATE: 1/31/00



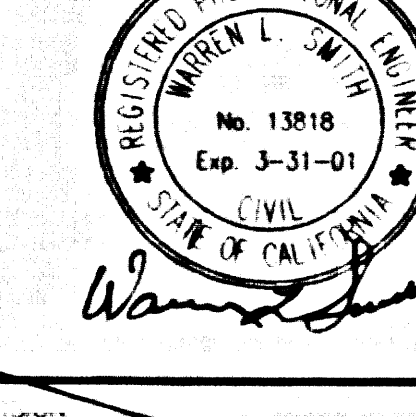
RECORD PLANS

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

54950

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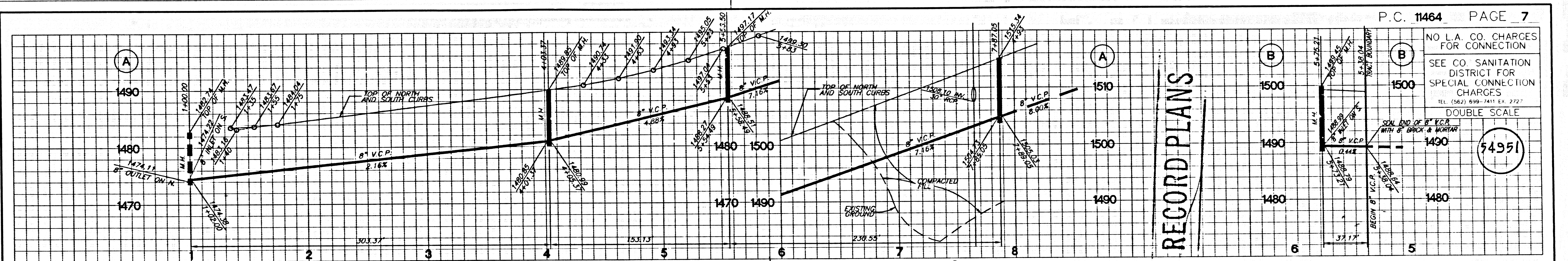
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|-------|-----------|----------|---------|---------|
| C1 | 09°59'13" | 595.00' | 103.71' | 51.99' |
| C2 | 17°51'44" | 455.00' | 141.85' | 71.50' |
| C3 | 13°09'58" | 1605.00' | 368.82' | 185.22' |
| C4 | 03°18'17" | 1605.00' | 92.57' | 46.30' |
| C5 | 20°55'26" | 355.00' | 129.64' | 65.55' |



PLAN SCALE: 1" = 40'

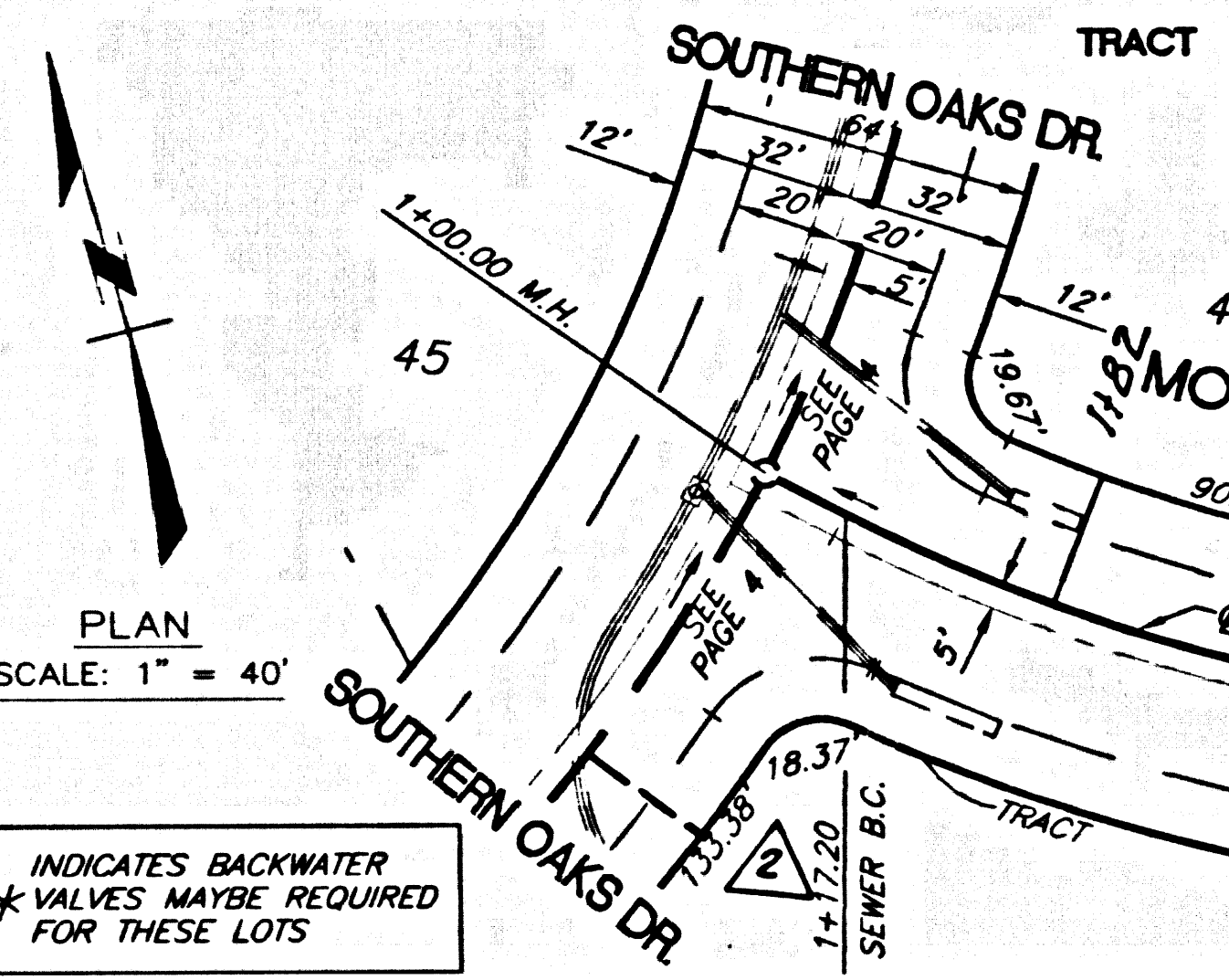
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DATE:

48411.C.P. 50-28834.ON.TSART



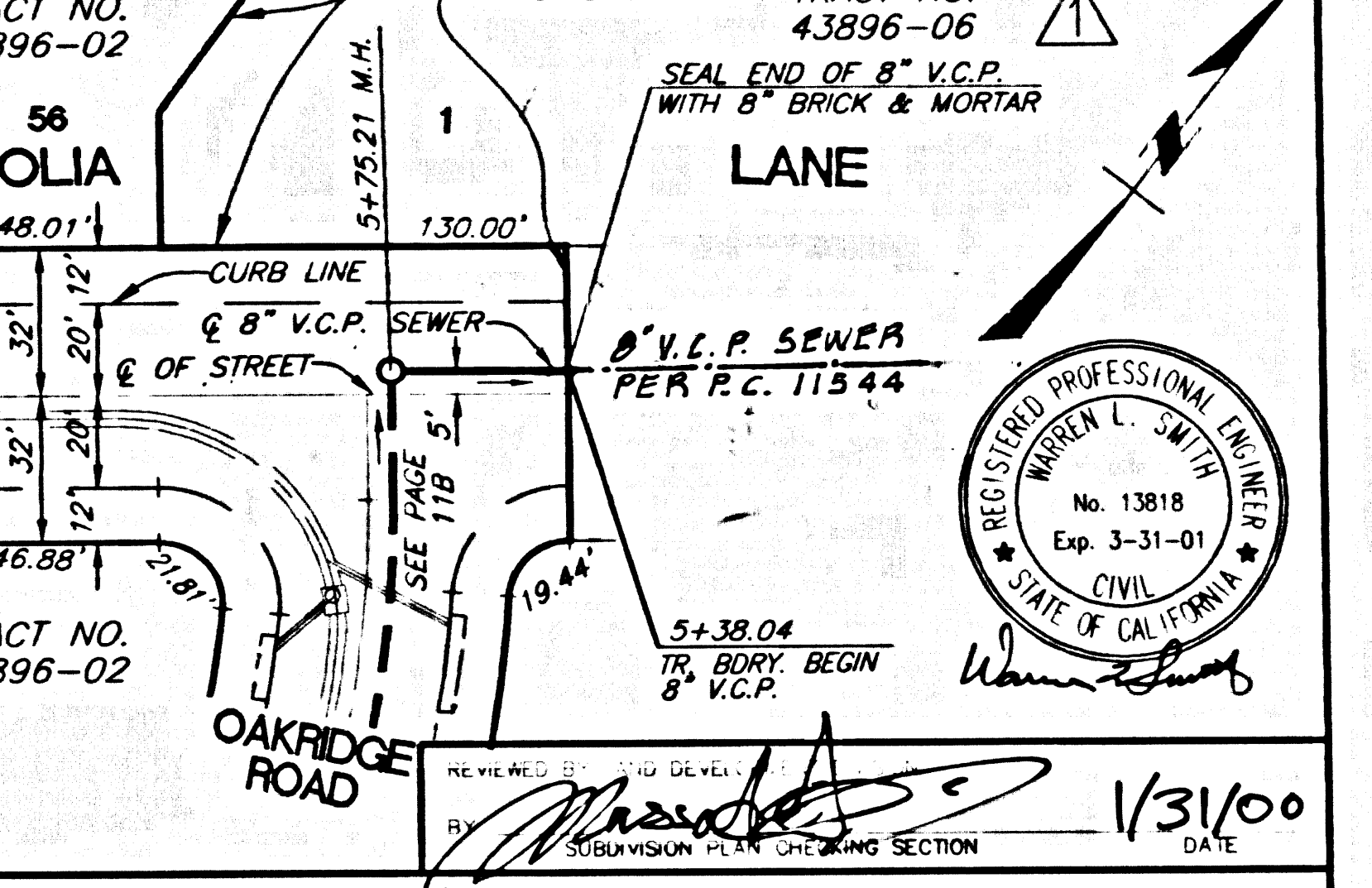
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 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (562) 699-7411 EX. 2727
 DOUBLE SCALE

54951



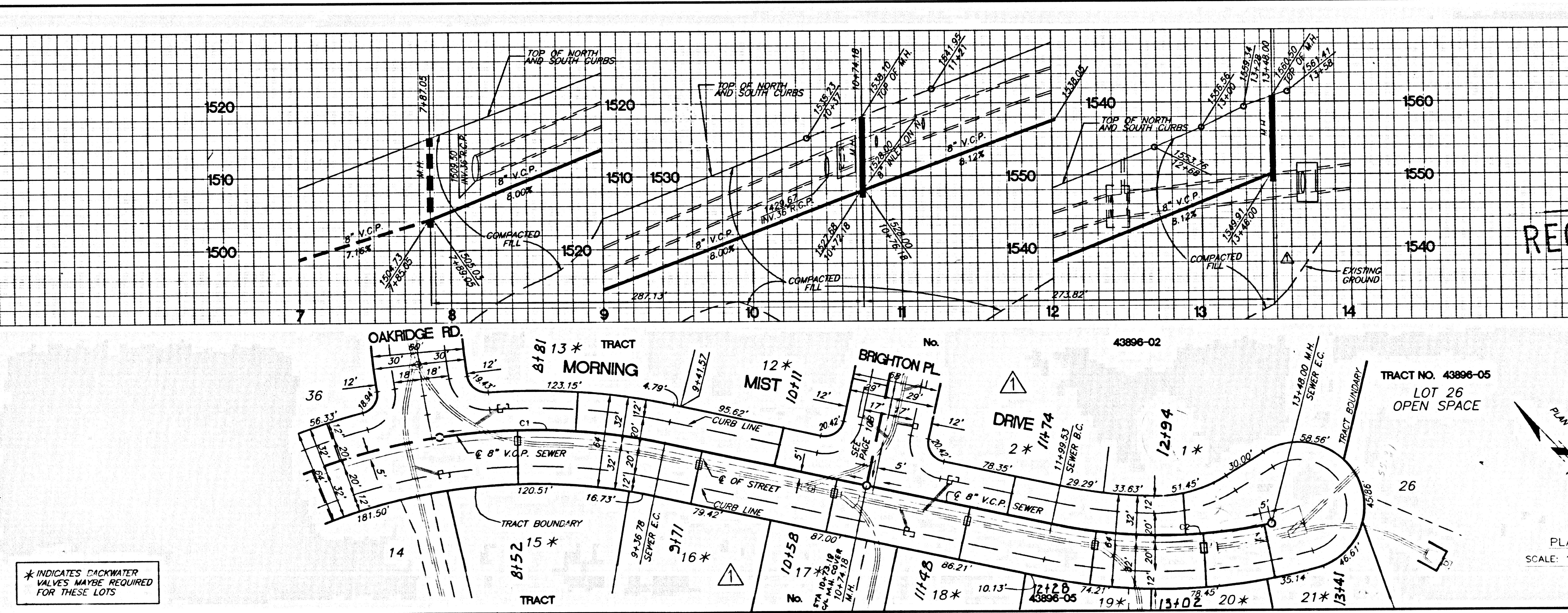
TRACT CURVE DATA:

| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
|-------|-----------|---------|---------|---------|
| C1 | 47°31'34" | 345.00' | 288.17' | 151.90' |
| C2 | 32°57'00" | 405.00' | 230.55' | 118.49' |



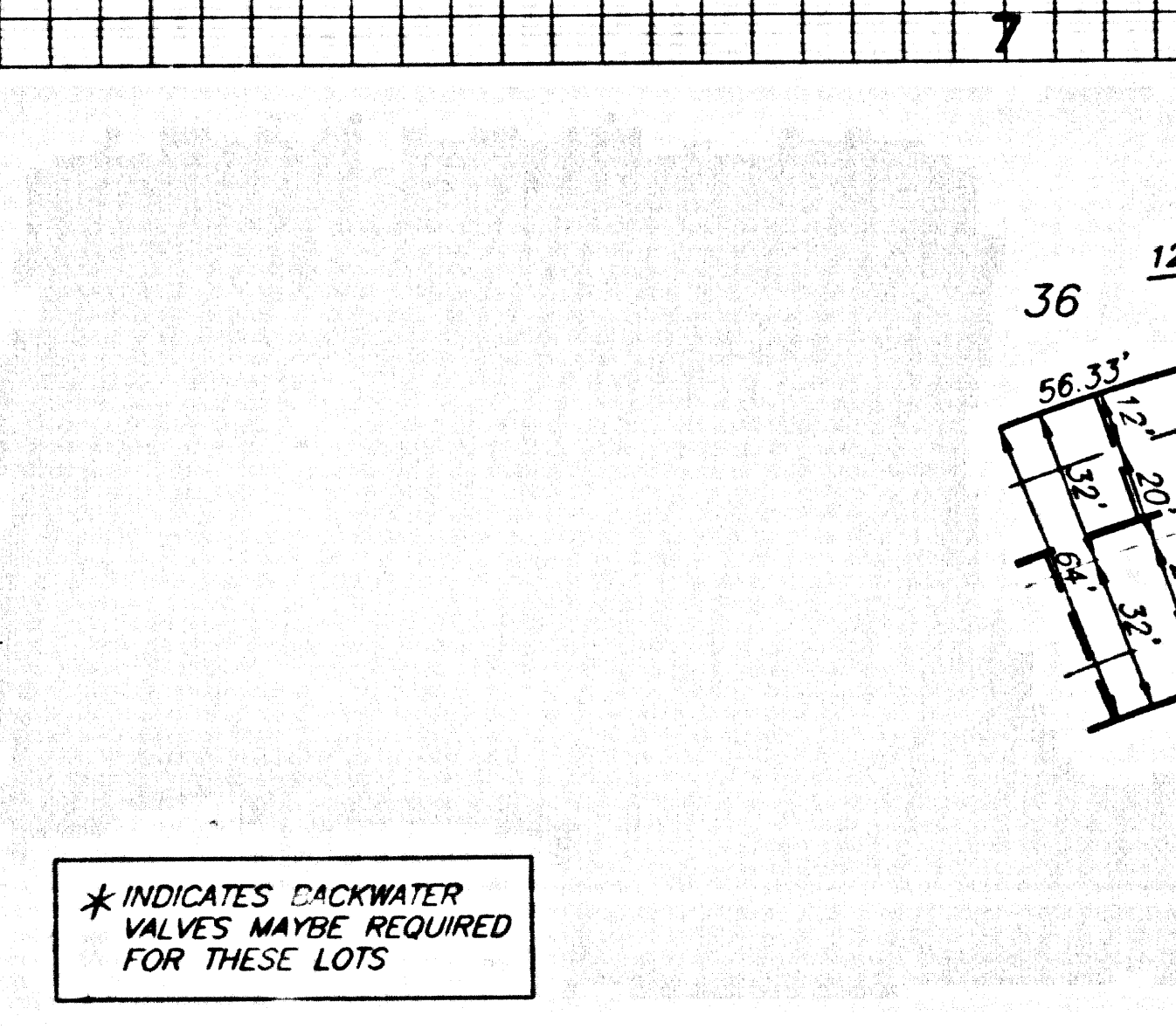
NO L.A. CO. CHARGES FOR CONNECTION
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (562) 699-7411 EX. 2727
 DOUBLE SCALE

54952



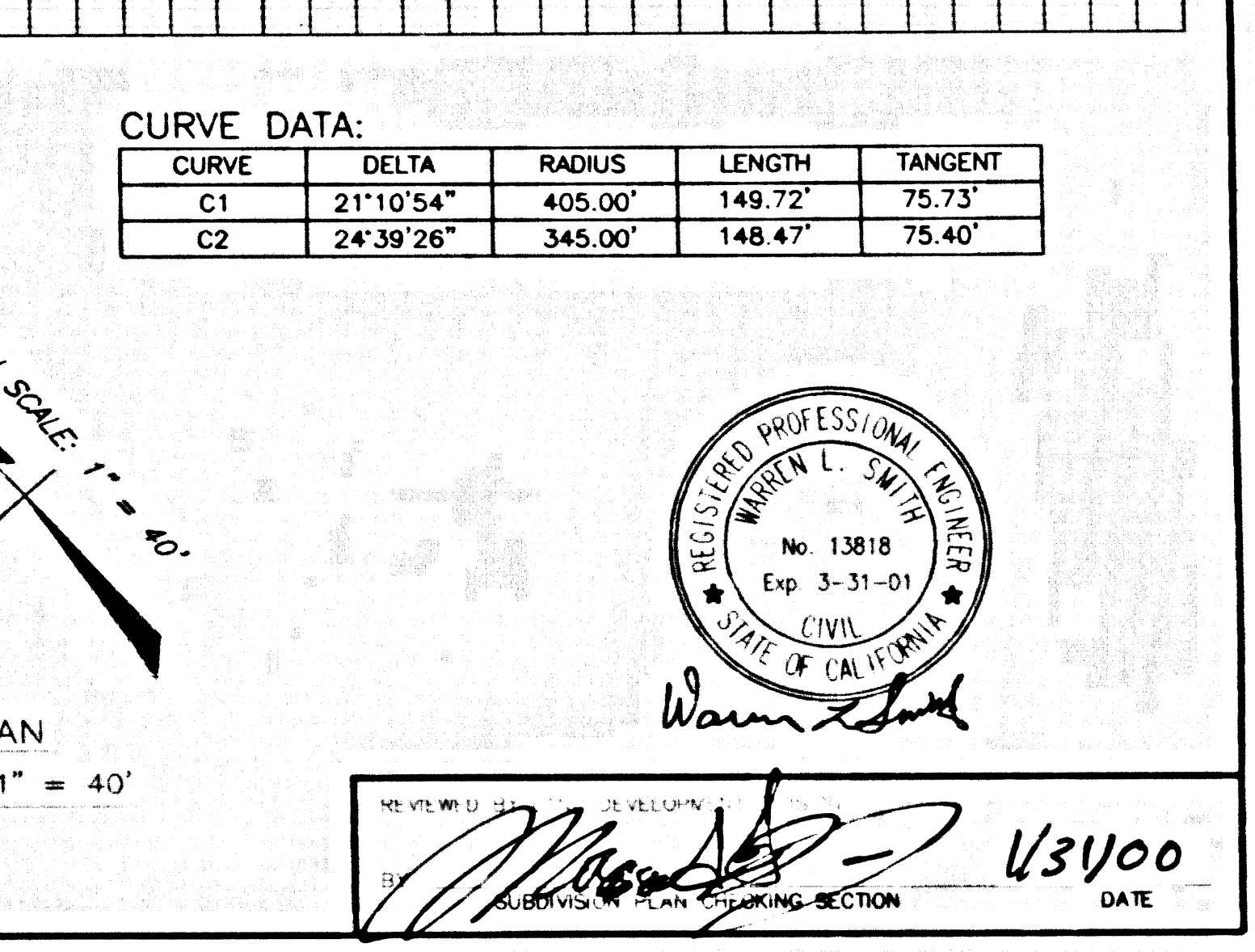
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 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (562) 699-7411 EX. 2727
 DOUBLE SCALE

54952



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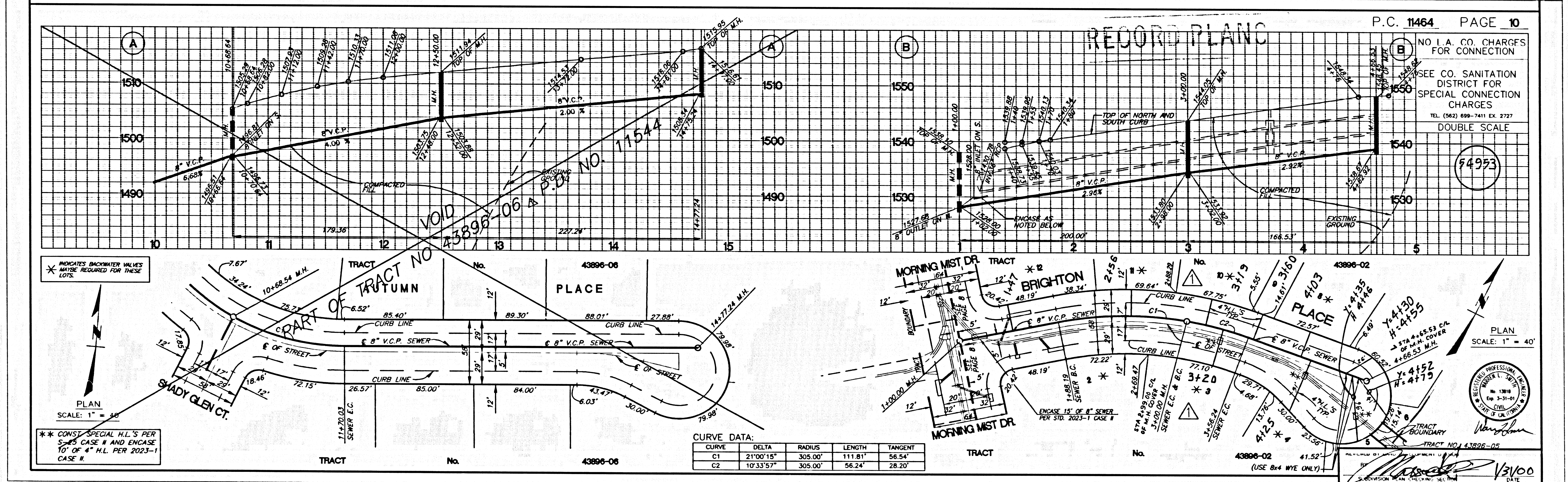
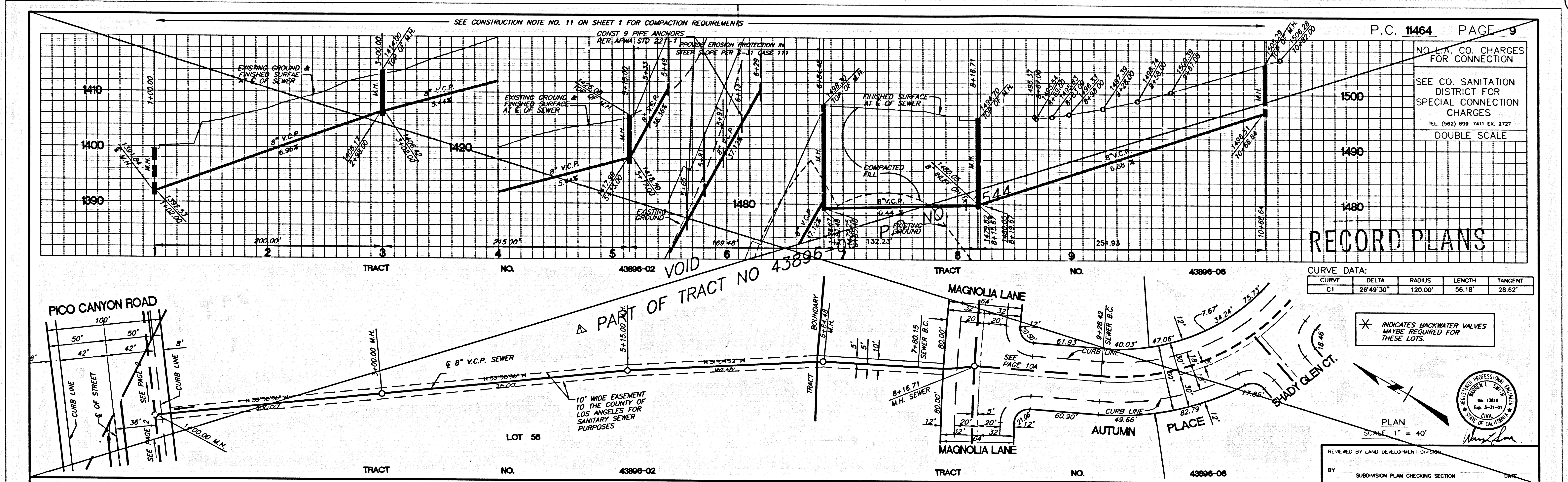
| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
|-------|-----------|---------|---------|---------|
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| C2 | 24°39'26" | 345.00' | 148.47' | 75.40' |



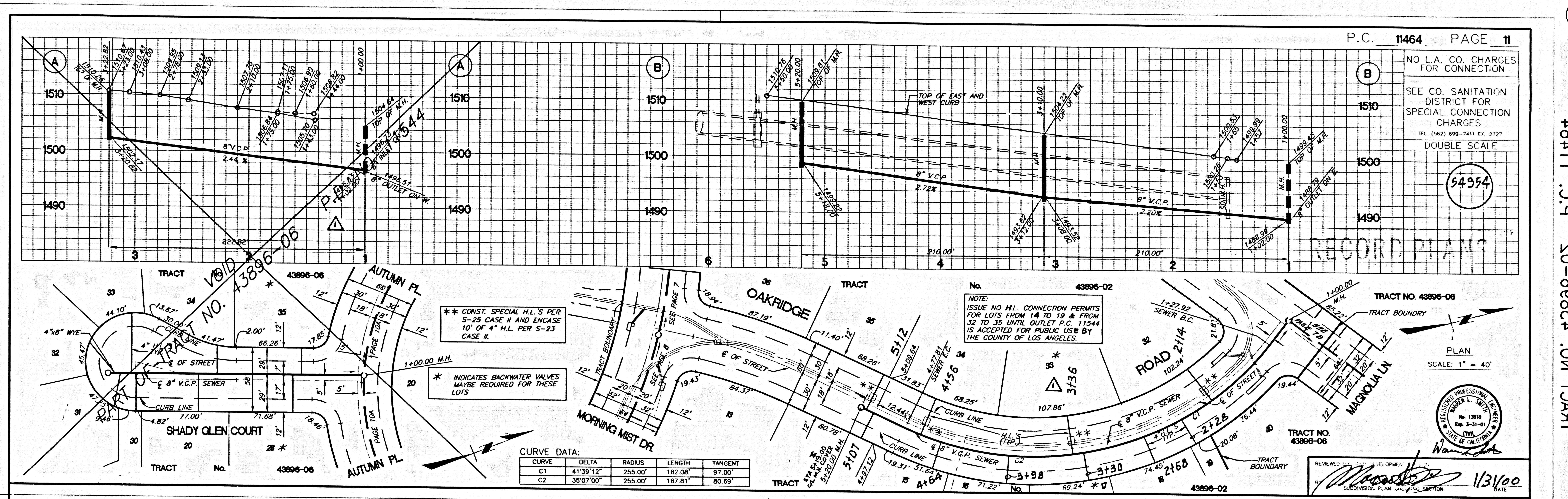
REGISTERED PROFESSIONAL ENGINEER
 No. 13818
 Exp. 3-31-01
 CIVIL
 STATE OF CALIFORNIA
 Wynn Shook

DATE 1/31/00

ASHT .C.P SO-8884 .ON TART

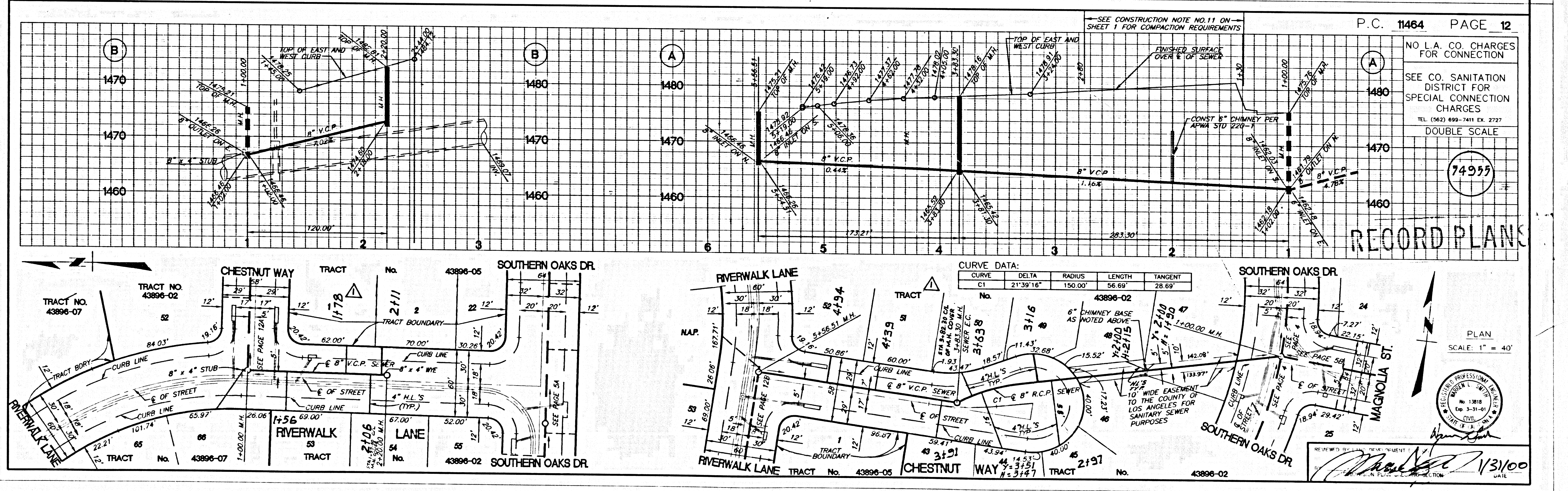


TRACT NO. 43896-06



CURVE DATA:

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| C1 | 41°39'12" | 255.00' | 182.08' | 97.00' |
| C2 | 35°07'00" | 255.00' | 167.81' | 80.69' |



CURVE DATA:

| CURVE | DELTA | RADIUS | LENGTH | TANGENT |
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| C1 | 21°39'16" | 150.00' | 56.69' | 28.69' |

P.C. 11464 PAGE 11

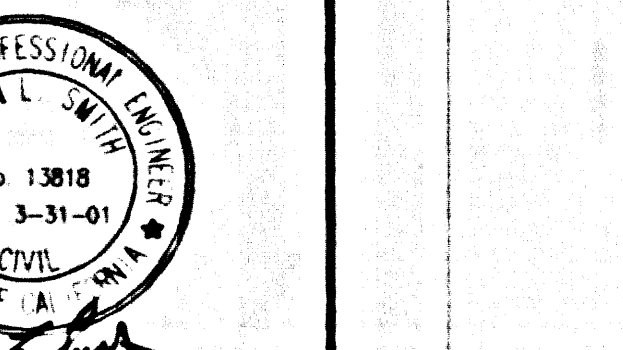
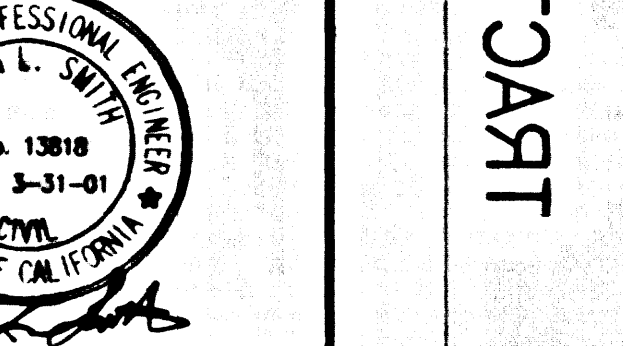
P.C. 11464 PAGE 12

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

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

54954

74955



REVIEWED BY: [Signature] 1/3/00
DATE

REVIEWED BY: [Signature] 1/31/00
DATE

43896-02 SO-06834 ON TRACT