

### 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 by sheet flow, seeps, area drains, natural drainage courses, or wind.
- Slopesides of earth and other construction related materials must be protected from being transported from the site by the force 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 wastes on site until they can be disposed of as solid waste.
- Trough and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and debris by wind.
- Sediments and other materials may not be tracked 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 means.
- Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

THIS SEWER PRIVATE CONTRACT ACCEPTED FOR PUBLIC USE  
 5/29/03  
 COUNTY OF LOS ANGELES  
 DEPARTMENT OF PUBLIC WORKS  
 LAND DEVELOPMENT DIVISION

- STANDARD PLANS:  
 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-D | BREAKING INTO EXISTING MANHOLES                                 |
| APWA 222-D | HOUSE CONNECTION SEWER  |
| APWA 223-D | HOUSE CONNECTION RENEWAL  |
| 2000-0     | LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS. |
| 2011-0     | LEGEND FOR SEWER PIPE   |
| 2024-D     | W/LE OF TREE SUPPORT  |
| 2027-0     | ALLOWABLE TRENCH WIDTHS   |
- APWA 208-D BREAKING INTO EXISTING MANHOLES  
 APWA 222-D HOUSE CONNECTION SEWER  
 APWA 223-D HOUSE CONNECTION RENEWAL  
 2000-0 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS.  
 2011-0 LEGEND FOR SEWER PIPE  
 2024-D W/LE OF TREE SUPPORT  
 2027-0 ALLOWABLE TRENCH WIDTHS

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1	REVISED P.L. FROM STA 5142.78 TO 5144.00 (SEE NOTE 1)	J.R. CONSULTANTS	Wm. J. Smith	3/2/99
2	REVISIONS TO EXISTING CURB ELEVATIONS AND SEWER PROFILES 12.3 TO 12.6 WITH 0.2% SLOPE	Wm. J. Smith	R.C. 58462	5/6/99
3	ADD SEWER PLAN & PROFILE LINE 8 ON PAGE 21; ADD M.M. AT STA 5142.78 TO 5144.00 GRADE 2.1; REVISED N.O. 2027-0	J.R. CONSULTANTS	Wm. J. Smith	5/6/99

### 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, 900 South Front Street, 8th Floor, Los Angeles, at least 72 hours prior to starting work under this permit. Copies of all other required permits, such as Road Excavation, California, 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 the start of work.
  - If work is 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.
  - 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 inspector.
  - 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 pipe or structure 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 amendments and the latest Special Provisions for the Construction of Sanitary Sewers and shall be prescribed 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-3.
  - 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 shall 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 curb, 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 "Y" or "T" 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 degrees with the L.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.

### 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.
- Victorized clay pipe joints shall be type "D" or "U" 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 2, two feet on each side from the point of interference.
- All joints between cast iron pipe and victorized 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 the property line 6 feet below curb grade except as noted.
- Weir 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 more 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-23, case 3, 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-30, or reinforced precast concrete manhole per standard plan S-4, except as noted.
- Reinforce all trenches within paved areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permits.
- Full compliance with section 208-1.3.4 of the standard specification will be required for backfill in street certification of backfill compacted and level equivalents by a qualified civil engineer shall be provided by the permittee prior to the issuance of a certificate of partial acceptance.
- All backfill and fills outside of the street right of way shall be compacted to 90% of the maximum density as determined by ASTM soil compaction test D 1557-73 method 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 contractor.
- Manhole tops in unimproved rights of way to be six inches above finished grade.
- Sewers to be tested for leakage per section 206-1.7.4 of the standard specifications and special provisions.
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### PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS

TO BE CONSTRUCTED IN  
 TRACT NO. 49761 INDEX 1258 PC NO. 11398  
 12 SHEETS: 24 PAGES  
 COUNTY OF LOS ANGELES CALIFORNIA

HARRY STONE DIRECTOR OF PUBLIC WORKS

APPROVED: BUILDING & SAFETY/LAND DEVELOPMENT DIVISION  
 BY *Ronald D. O'Connell* 3-23-98  
 ASSISTANT DIVISION CHIEF

SUBMITTED BY *Wm. J. Smith* 5/29/03  
 SUBDIVISION PLAN CHECKING SECTION

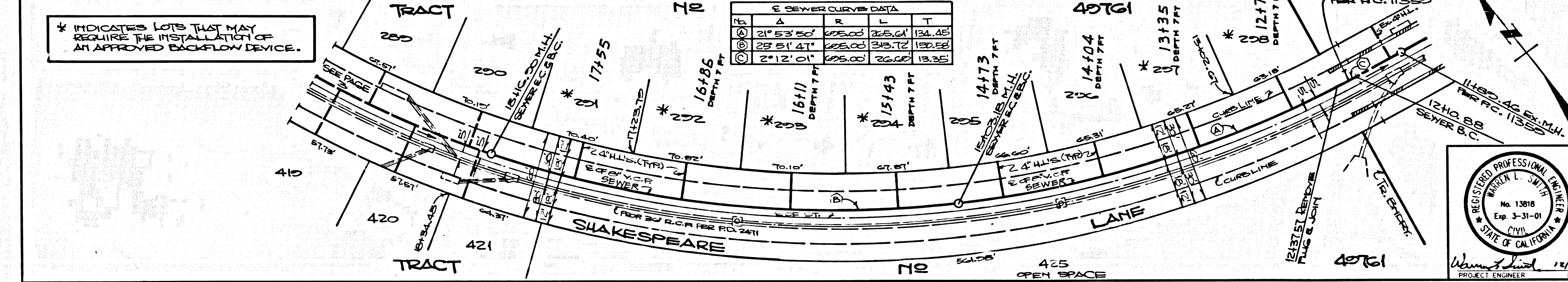
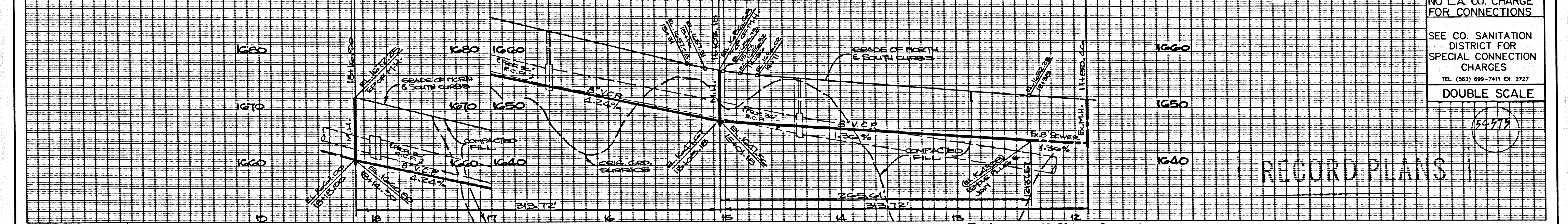
APPROVED: COUNTY SANITATION DISTRICT  
 CHARLES W. CARRY - CHIEF ENGINEER AND GENERAL MANAGER  
 COUNTY SANITATION DISTRICT NO. 32  
 BY *William J. Smith* DATE: 3/25/98  
 OFFICE ENGINEER

PROFESSIONAL ENGINEER  
 Wm. J. Smith  
 No. 13818  
 Exp. 3-31-01  
 STATE OF CALIFORNIA

### PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY LINES 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 PRECAUTION MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TEXAS FREE 1-800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CHAMBERS OF GENERAL TELEPHONE COMPANY AT 1-800-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

*William J. Smith* 12-1-97  
 P.E. NO. 13818 DATE



P.C. 11398 PAGE 2<sup>ME</sup>

NO L.A. CO. CHARGE FOR CONNECTIONS

SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES  
 TEL: (802) 699-7411 EX 2727

DOUBLE SCALE

PLAN  
 SCALE: 1" = 40'

25 0 50 100

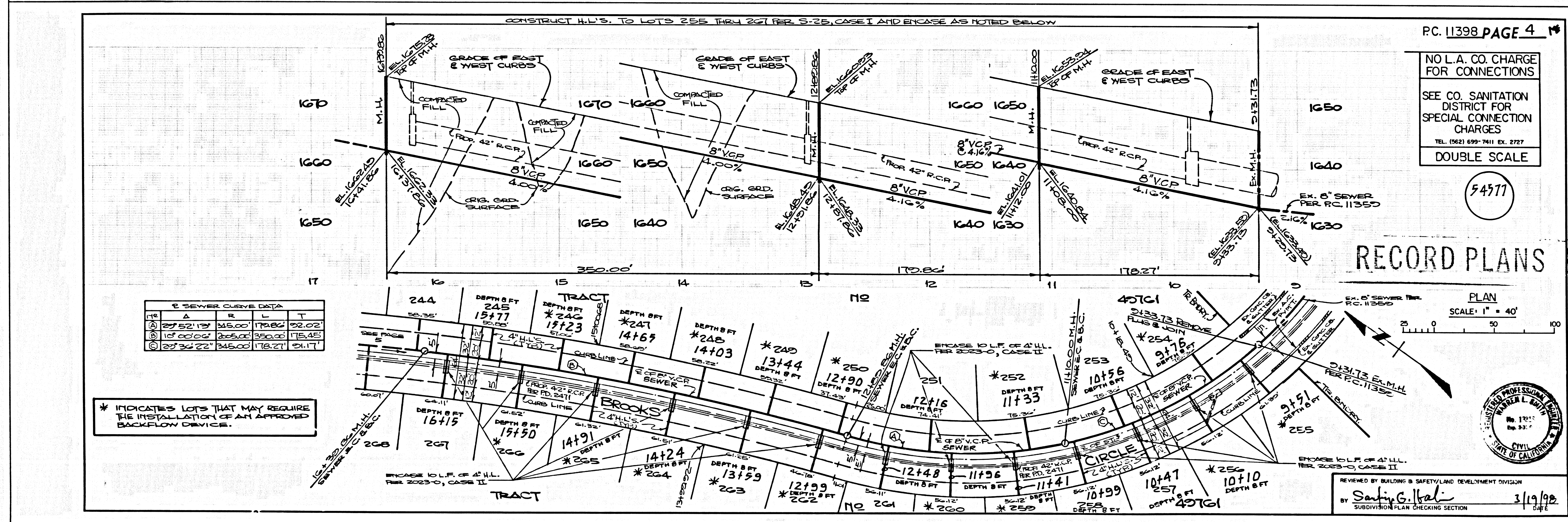
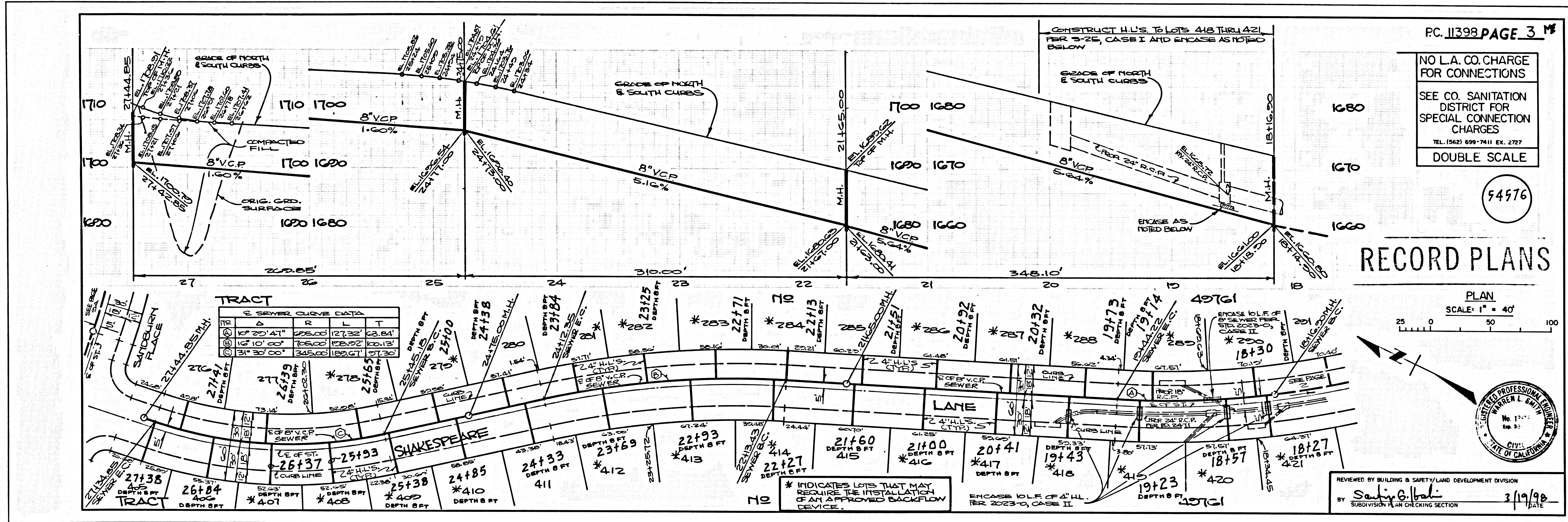
SANITARY SEWER PLANS IN  
 TRACT NO. 49761 PC NO. 11398

REVISION: BUILDING & SAFETY/LAND DEVELOPMENT DIVISION  
 BY *Sandy G. Abel* 3/9/03  
 SUBDIVISION PLAN CHECKING SECTION

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

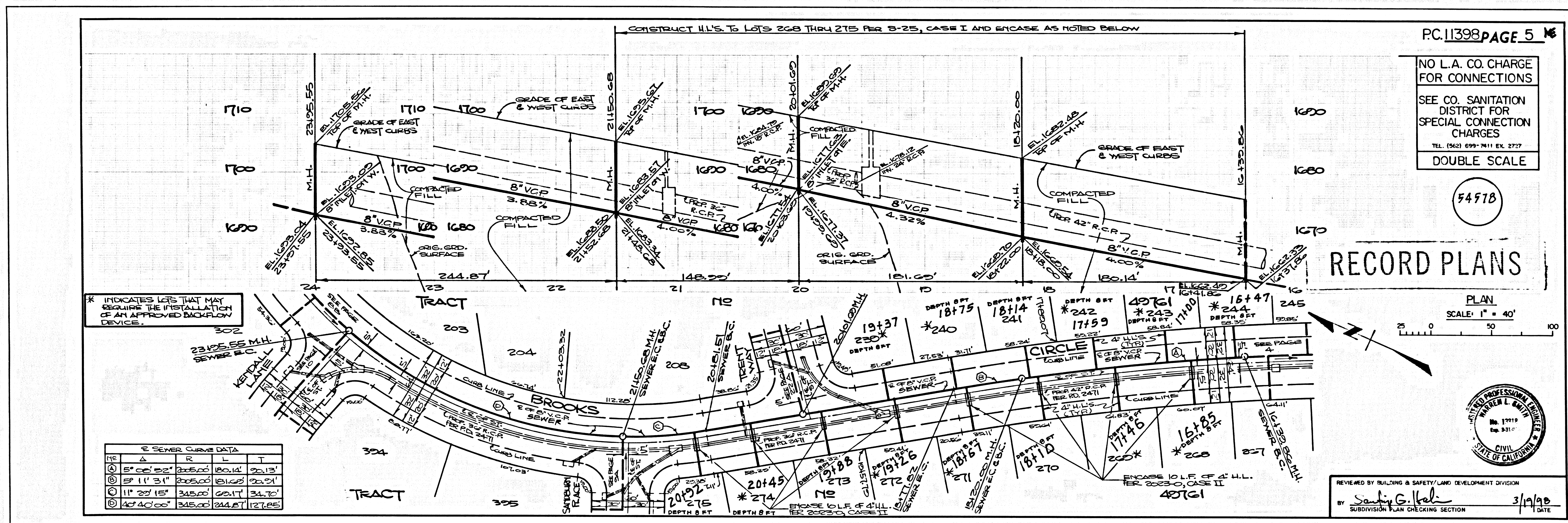
SR CONSULTANTS, INC.  
 LAND PLANNING • ENGINEERING • LAND SURVEYING  
 2988 MATARO STREET  
 PASADENA, CALIFORNIA 91107  
 Phone: (818) 683-0430  
 Fax: (818) 683-9058

PROFESSIONAL ENGINEER  
 Wm. J. Smith  
 No. 13818  
 Exp. 3-31-01  
 STATE OF CALIFORNIA

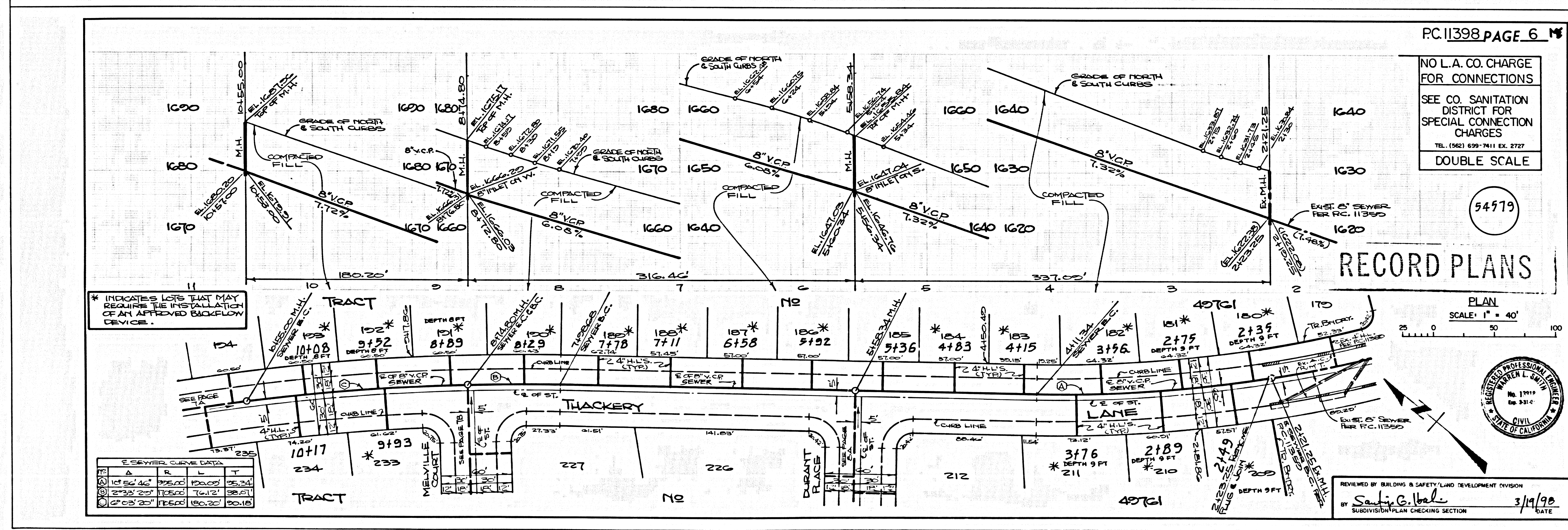


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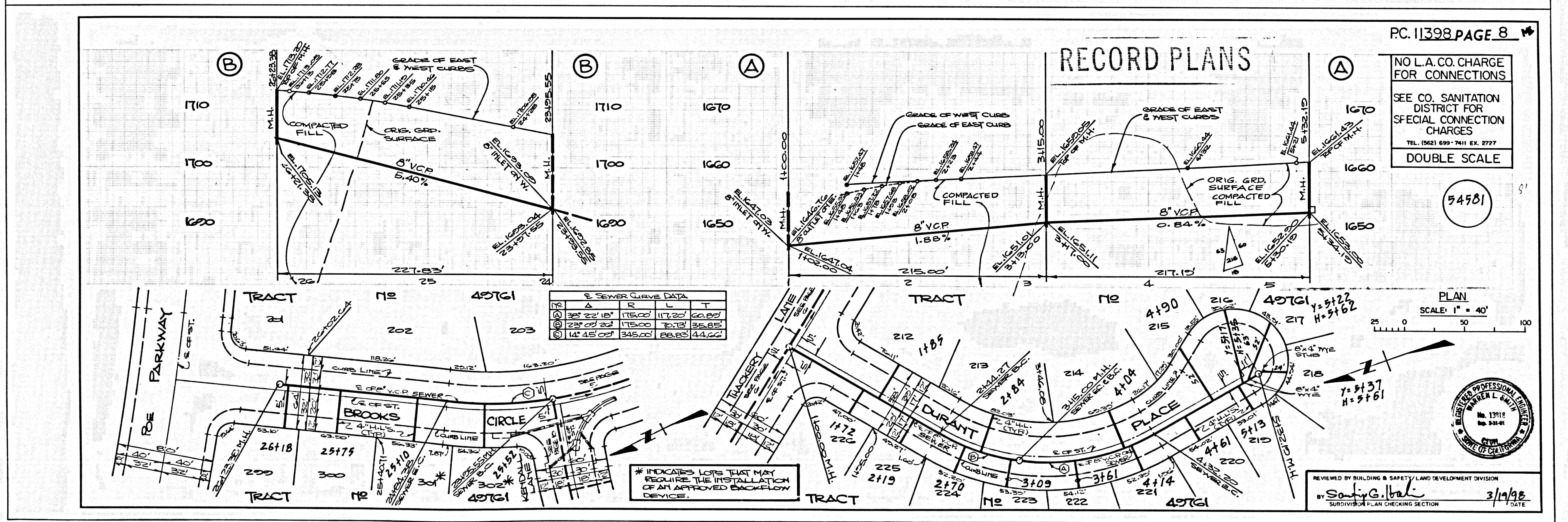
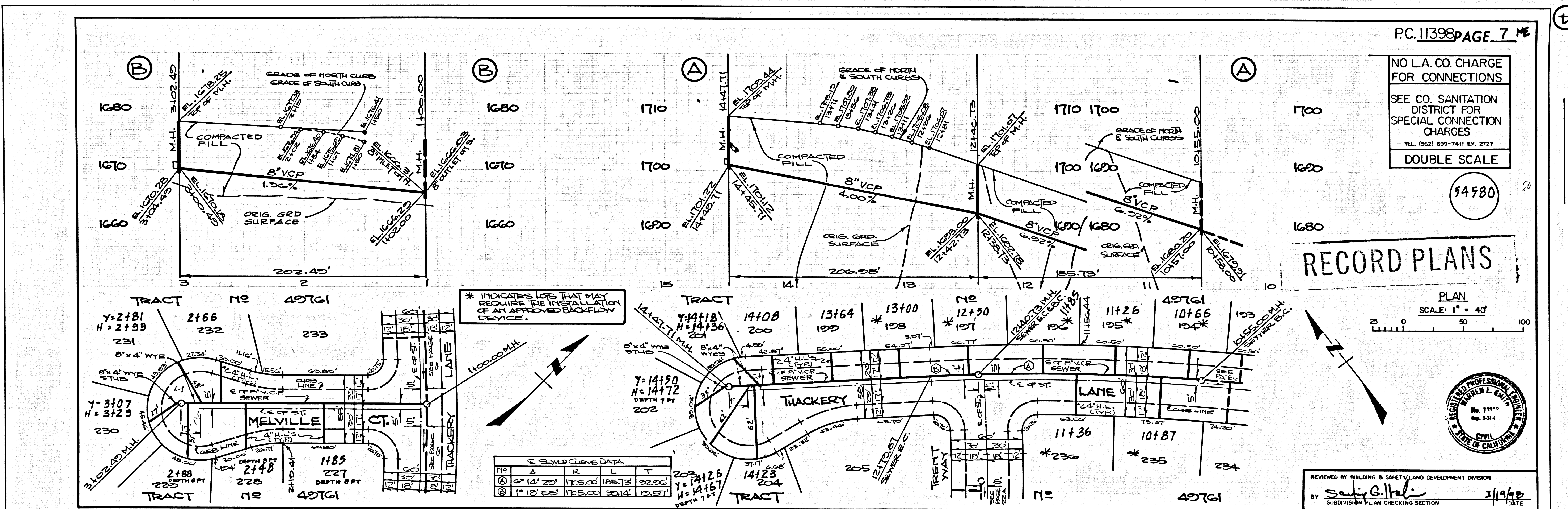
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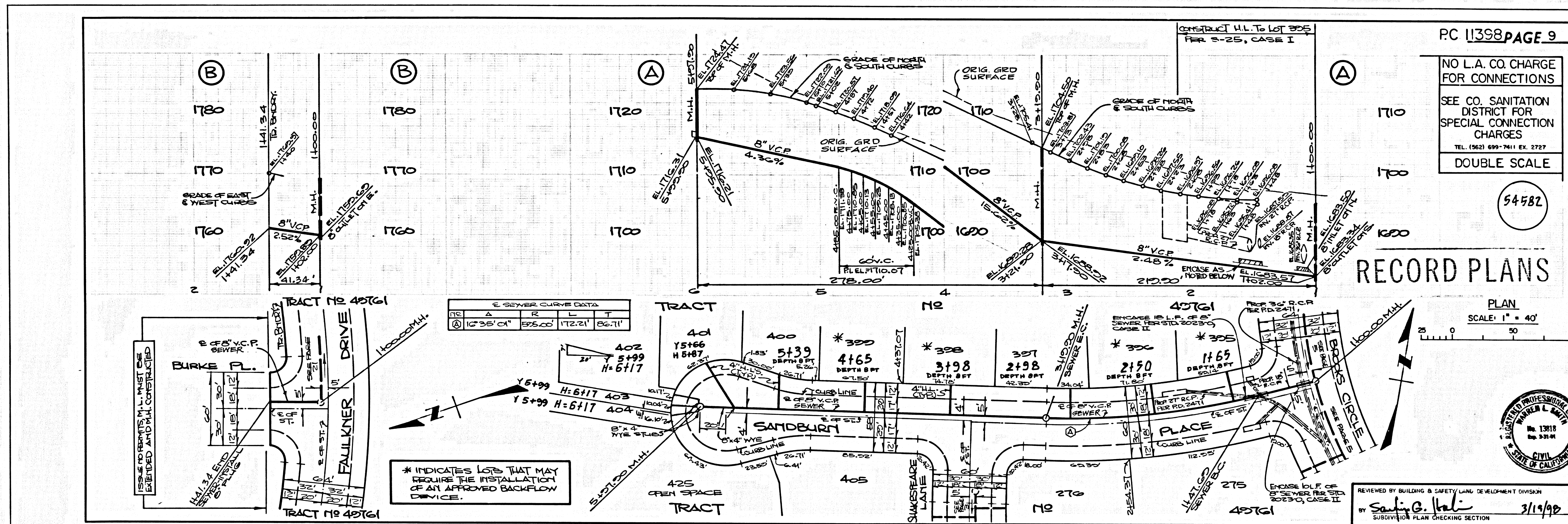


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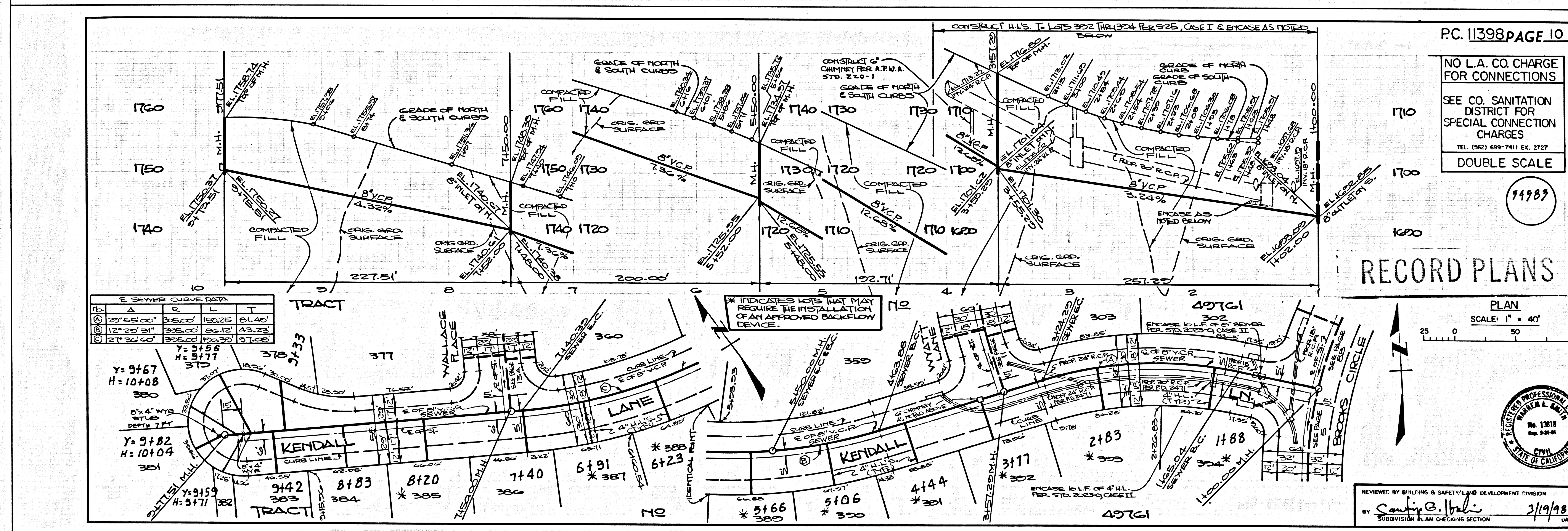


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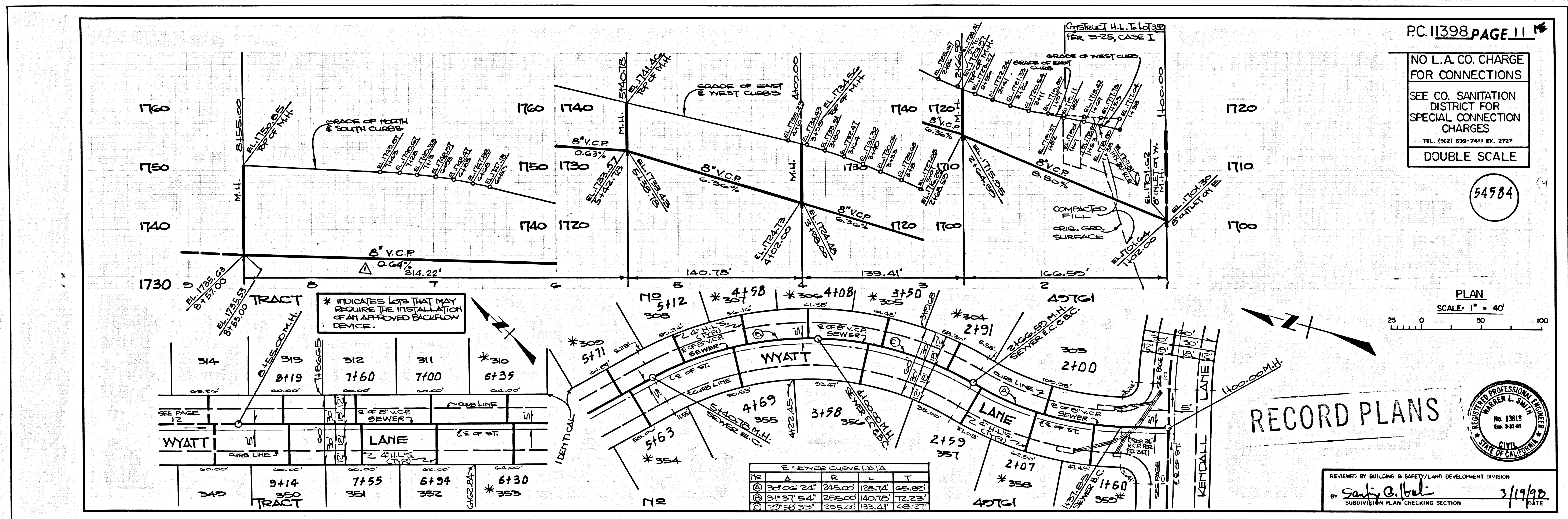
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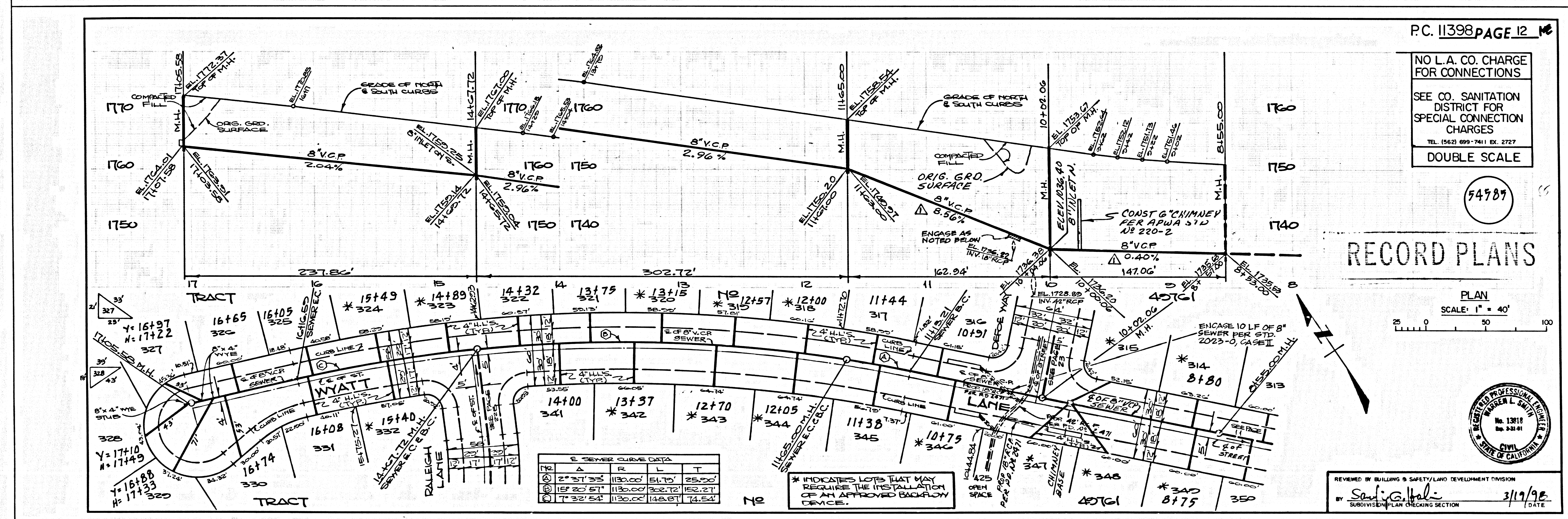
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RECORD PLANS

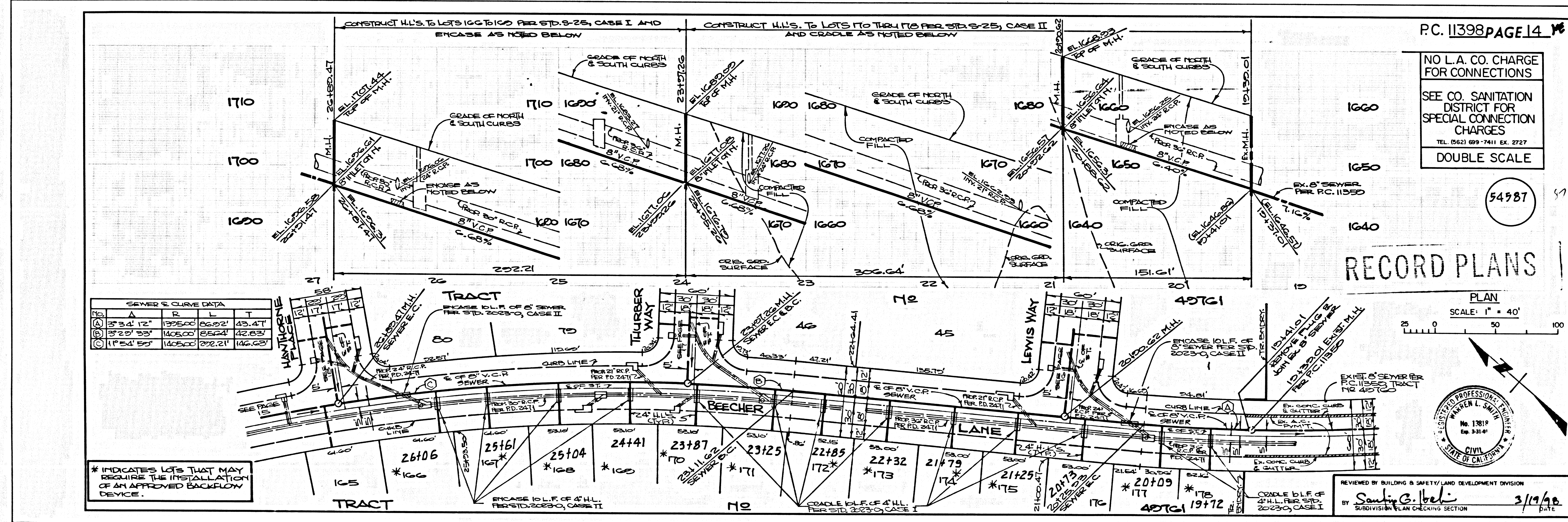
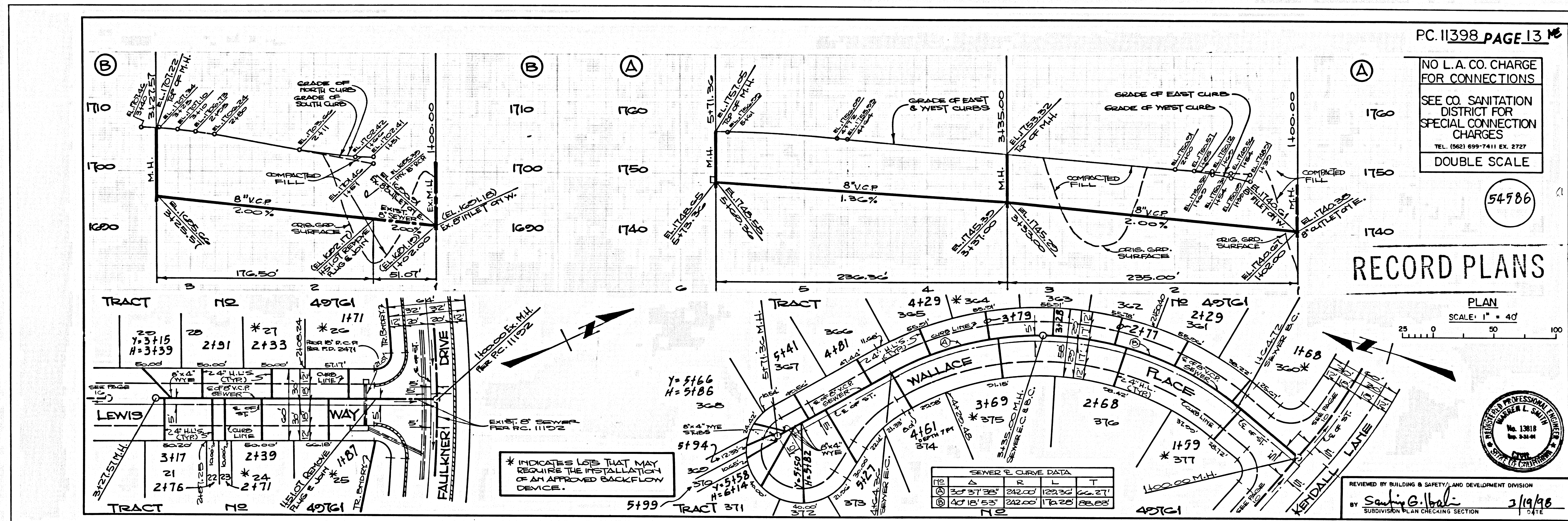
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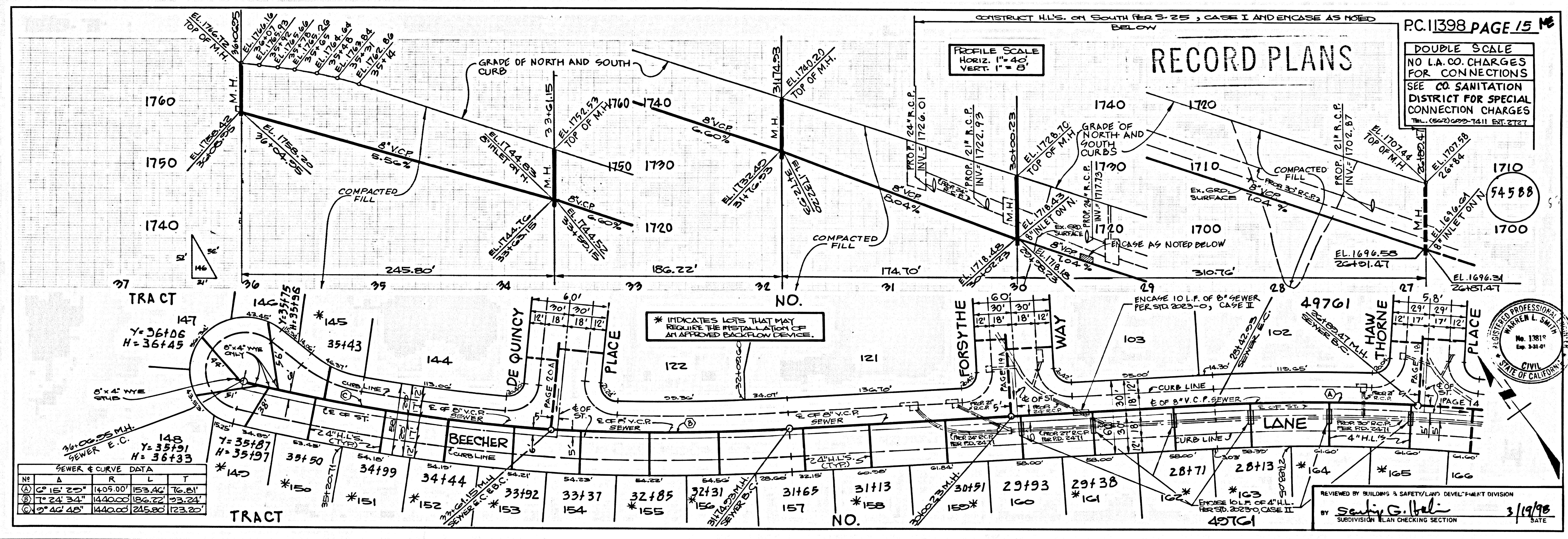


PC 11398 PAGE 12

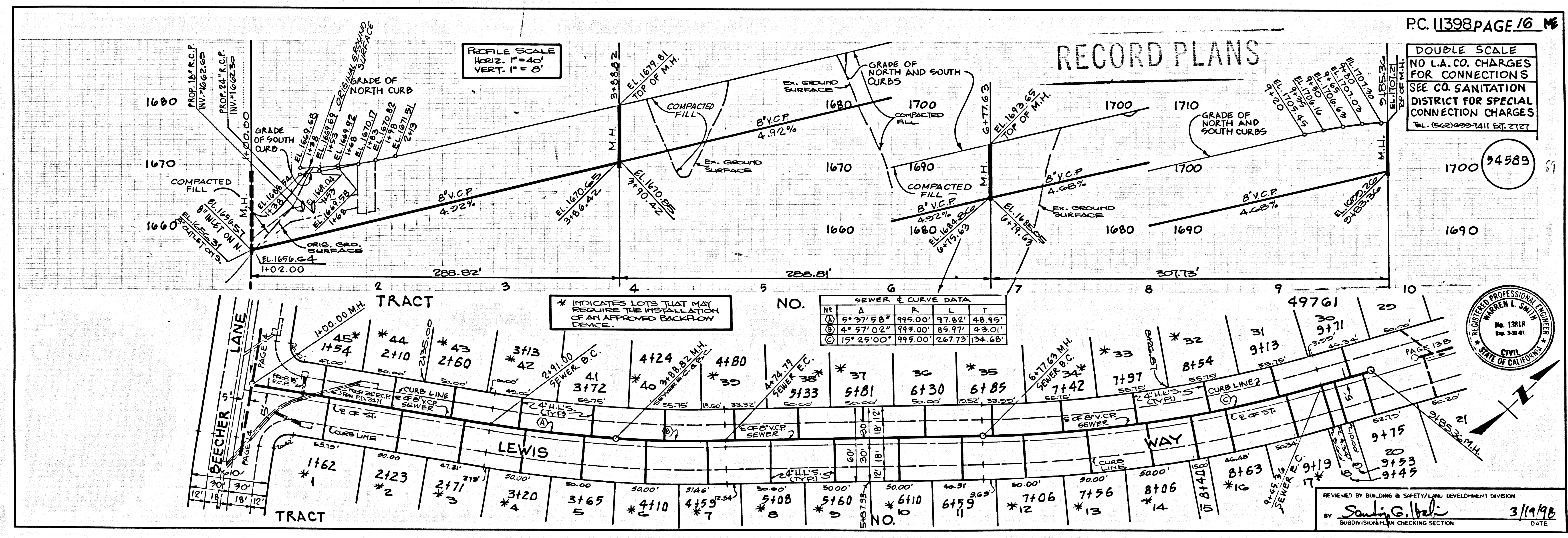
RECORD PLANS

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PC 11398 PAGE 16  
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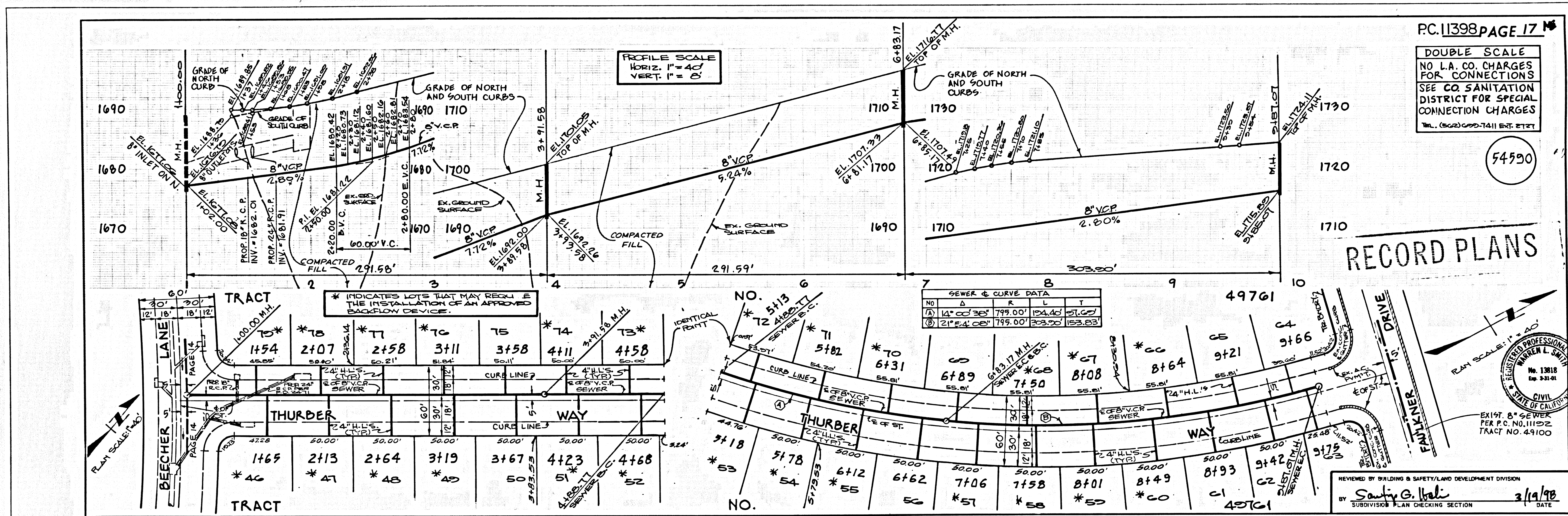
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Y=36+06  
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REVIEWED BY BUILDING & SAFETY/LAND DEVELOPMENT DIVISION  
BY *Saul G. Heli*  
SUBDIVISION PLAN CHECKING SECTION  
DATE 3/19/98

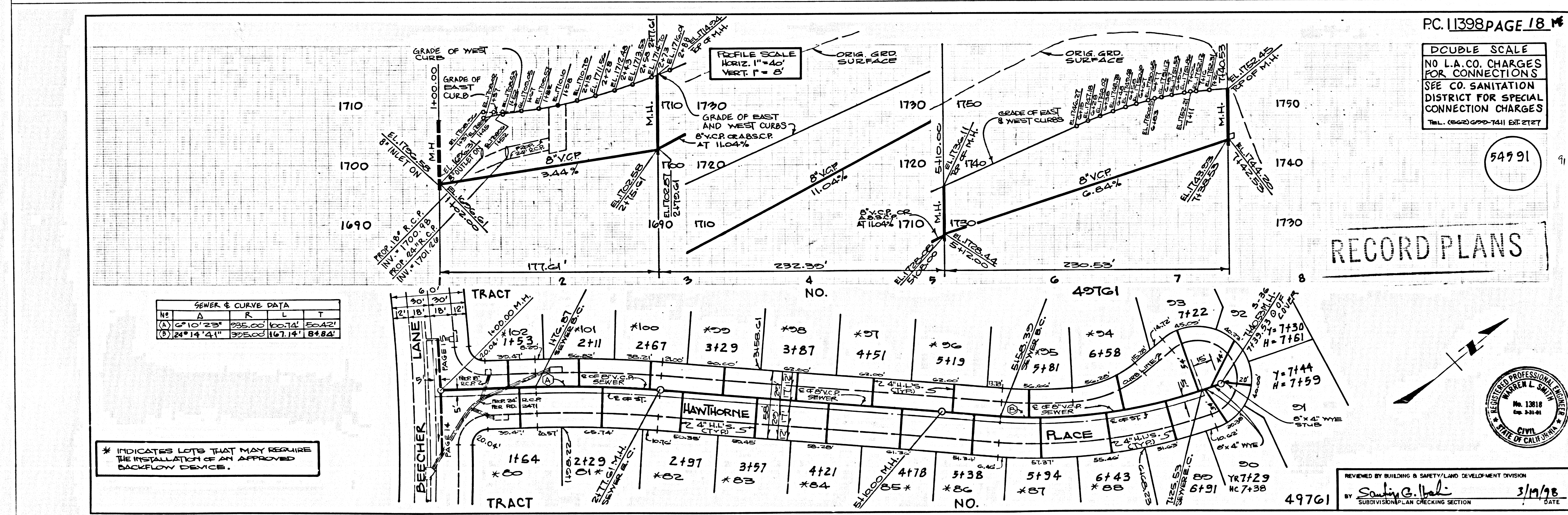
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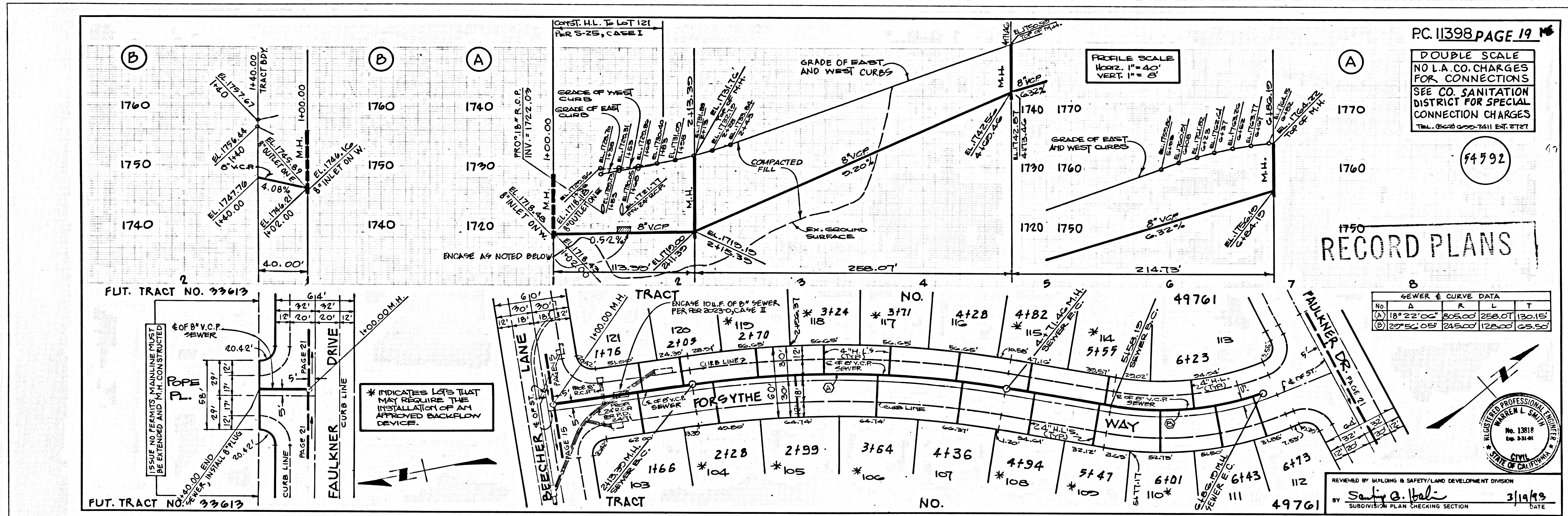




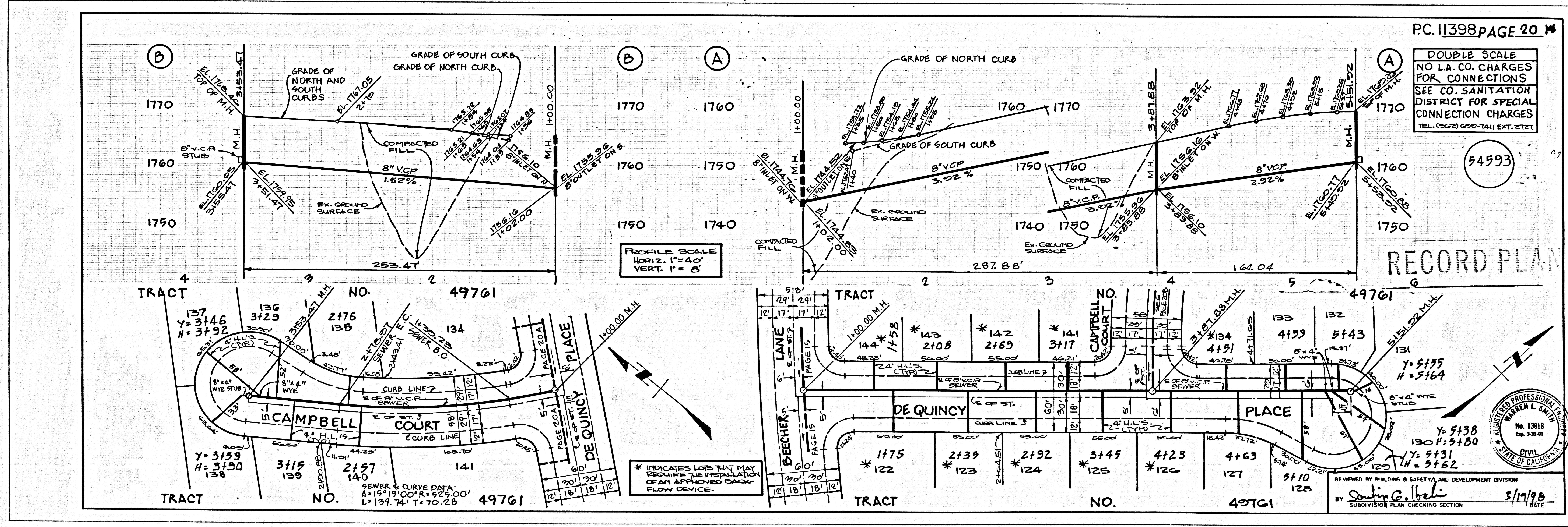
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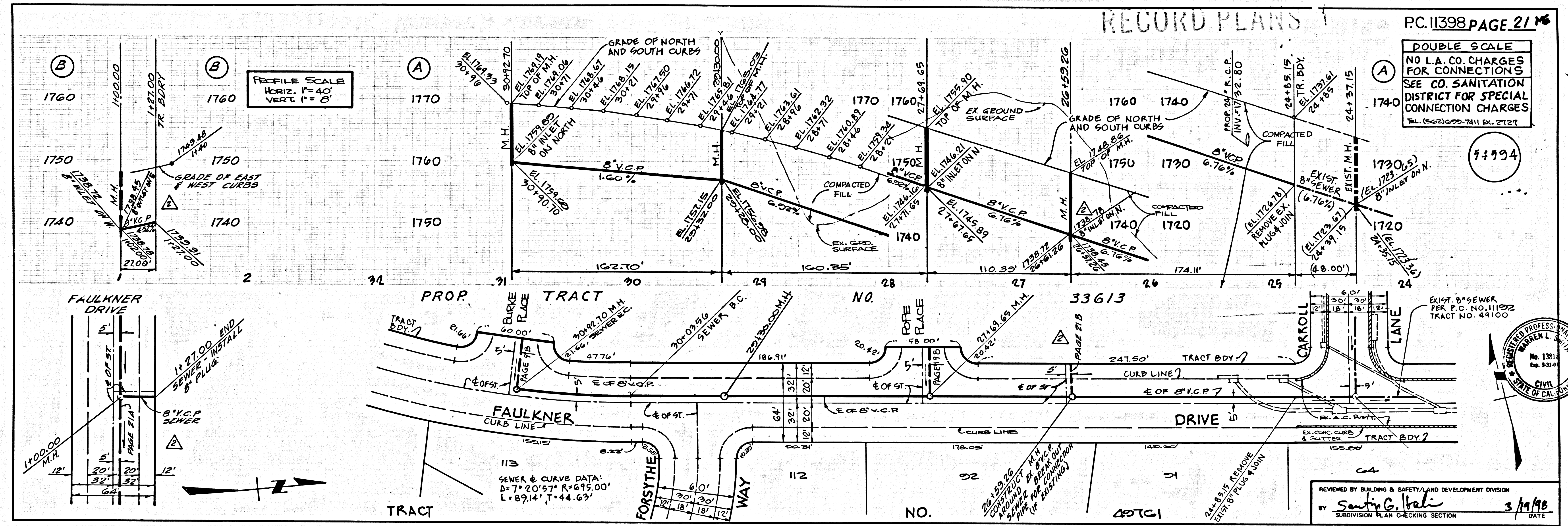
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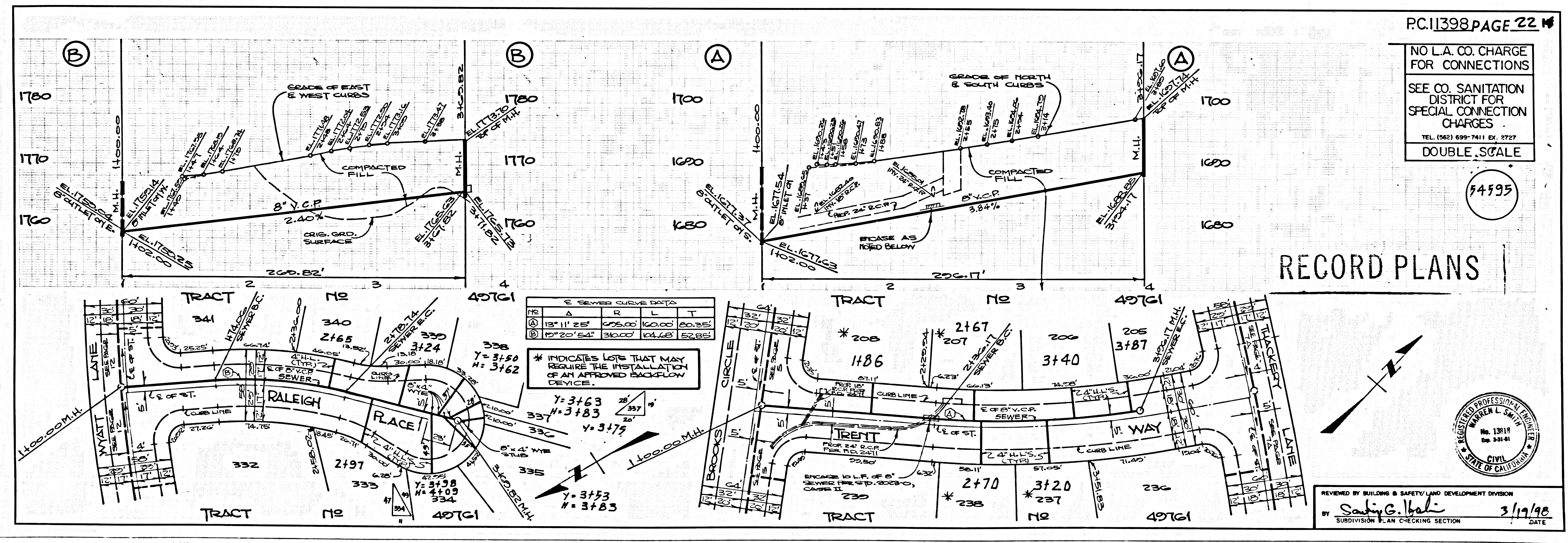
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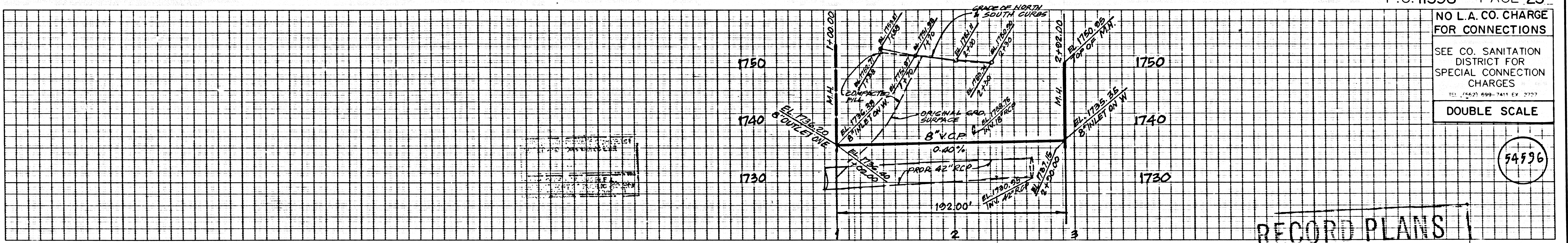
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NO L.A. CO. CHARGE FOR CONNECTIONS

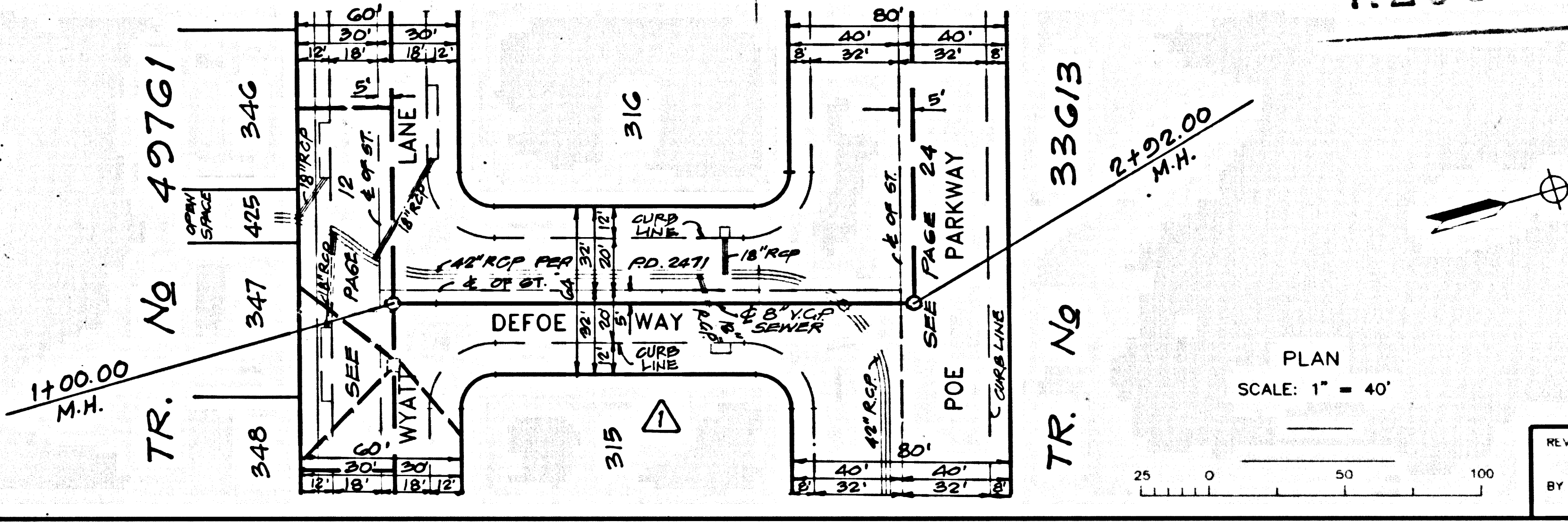
SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

DOUBLE SCALE

54596



RECORD PLANS



PLAN SCALE: 1" = 40'

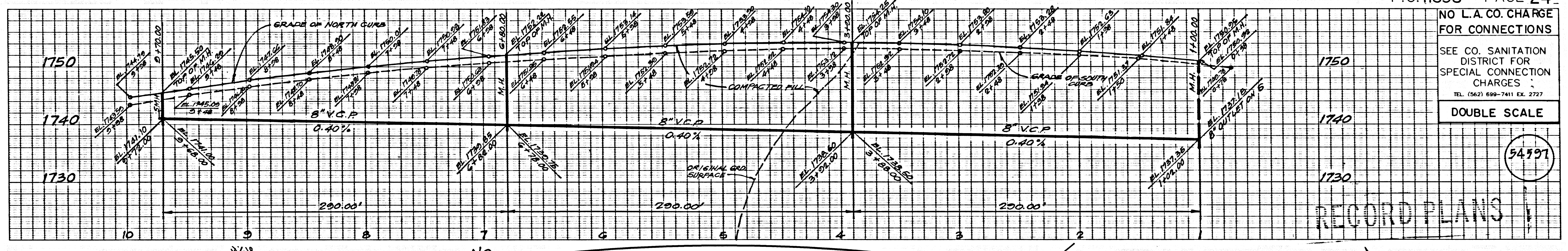
REVIEWED BY BUILDING & SAFETY/PLANNING DEVELOPMENT DIVISION  
BY SUBDIVISION PLAN CHECKING SECTION DATE

NO L.A. CO. CHARGE FOR CONNECTIONS

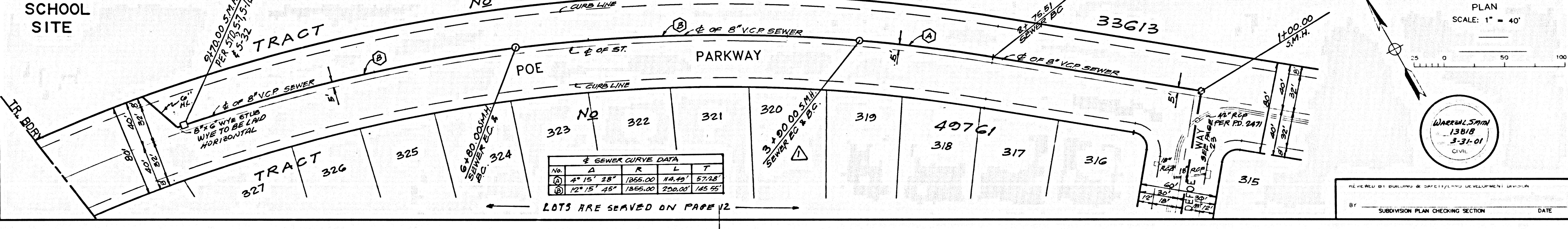
SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

DOUBLE SCALE

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RECORD PLANS



PLAN SCALE: 1" = 40'

REVIEWED BY BUILDING & SAFETY/PLANNING DEVELOPMENT DIVISION  
BY SUBDIVISION PLAN CHECKING SECTION DATE

SEWER CURVE DATA				
No.	Δ	R	L	T
(A)	4° 15' 28"	1865.00	14.49	57.28'
(B)	12° 15' 25"	1865.00	200.00'	145.55'

LOTS ARE SHOWN ON PAGE 12

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BC 11398

10704 91M TRACT