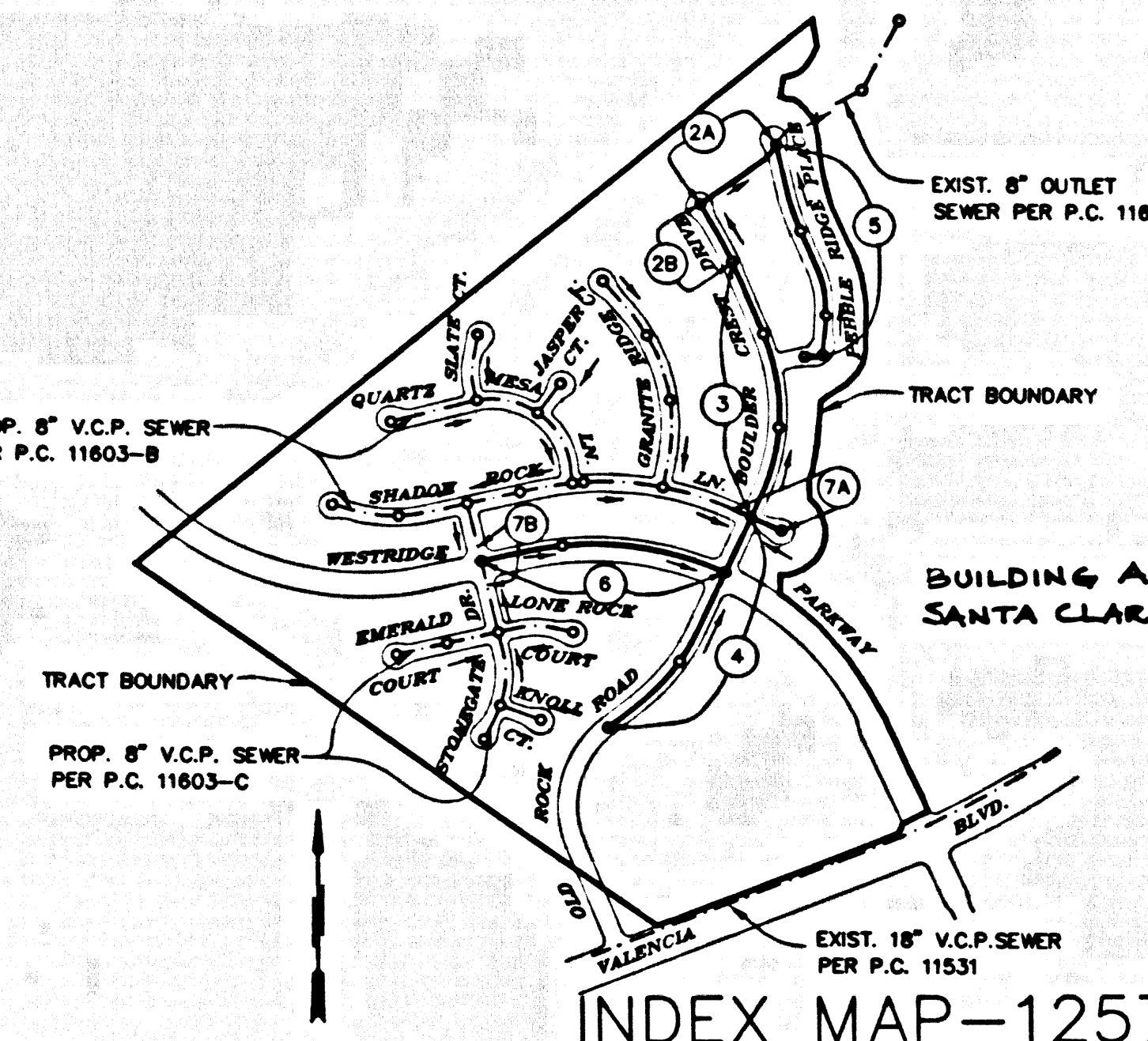


**BENCH MARK**  
 BM L.A. COUNTY B.M. 5291 E lev. 1031.950  
 RND. HD SPK. TOP OF LOWEST HDWY 24 FT  
 W/O C/L THE OLD ROAD (W. RDWY) & 0.6  
 MI S/O HENRY DR.  
 NEWMALL QUAD 1995



**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, or other natural drainage courses, or wind.
- Stabilization 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 listing 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.
- Traffic 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 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 depositions must be swept up immediately and may not be washed down by rain or other means.
- Any slopes with disturbed soils or denuded vegetation must be stabilized so as to inhibit erosion by wind and water.

- CA001 - Dewatering Operations  
 CA002 - Paving Operations  
 CA003 - Structure, Construction and Painting  
 CA010 - Material Delivery and Storage  
 CA020 - Solid Waste Management  
 CA021 - Hazardous Waste Management  
 CA022 - Concrete Waste Management  
 CA024 - Sanitary/Septic Waste Management  
 CA025 - Vehicle and Equipment Cleaning  
 CA031 - Vehicle and Equipment Fueling  
 CA032 - Vehicle and Equipment Maintenance  
 CA033 - Scheduling  
 CA034 - Preservation of Existing Vegetation

**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 208-0 BREAKING INTO EXISTING MANHOLES  
 APWA 220-2 CHIMNEYS  
 APWA 222-0 HOUSE CONNECTION SEWER  
 APWA 223-0 HOUSE CONNECTION REMODELING  
 2000-0 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  
 NOTE: EASEMENT TO THE COUNTY OF LOS ANGELES FOR SANITARY SEWER, INGRESS AND EGRESS TO BE GRANTED OVER ALL PRIVATE STREETS PER FINAL MAP.

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

ISSUE-NQ HOUSE LATERAL CONNECTION PERMITS UNTIL SAID SEWERS P.C. 11603 IS ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES.

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 (661) 266-6683 SO THAT REQUIRED INSPECTION CAN BE MADE.

DOUBLE SCALE

THIS SEWER PRIVATE CONTRACT ACCEPTED FOR PUBLIC USE  
 10/24/2005  
 COUNTY OF LOS ANGELES  
 DEPARTMENT OF PUBLIC WORKS  
 LAND DEVELOPMENT DIVISION

RECORD PLANS

**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 Permit Counter, 800 South Foothill Avenue, 8th Floor, Alhambra, at least 72 hours prior to starting work under this permit. Copies of all other required permits, such as Flood 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 completion 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 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 or the existence or non-existence of any underground utility pipe or structure within the limits of this project. The note applies to all poles.
- 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 presented 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.
- Elevations are in feet above U.S.C. & G.S. sea level datum of 1929.
- No relocations 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 plan and profile. Grade points for top of curbs, centerline of streets, or centerline of alleys, are shown by circles on profiles at 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" branches and shall provide stakes for them at their proper locations with stationing clearly marked. House laterals shall be constructed in a straight alignment at right angles from the main line sewer except as shown on the plan. House laterals from chimneys shall not have an angle of 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 of the property line below the top of curb elevation 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.
- Verified city pipe joints shall be type "D" or "D" per standard specifications section 308-2.
- 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 city shall be made with a rubber sleeve joint, type "D" (with bushing if necessary) per standard specifications section 308-2.
- 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 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 manhole or house lateral V.C.P. sewer which is not indicated on the plan, the pipe 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.
- Reinforced concrete structures shall be constructed 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 specifications will be required for backfill in street certification of manholes in accordance with the permit.
- 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 composition test D 1557 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.
- Manhole tops in unimproved rights of way to be six inches above finished grade.
- Sewers to be tested for leakage per section 308-1.7 of the standard specifications and special provisions.

**PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS**

TO BE CONSTRUCTED IN  
 TRACT 45433-04 PC NO. 11603-A  
 4 SHEETS: 7 PAGES  
 COUNTY OF LOS ANGELES CALIFORNIA  
 INDEX-1257

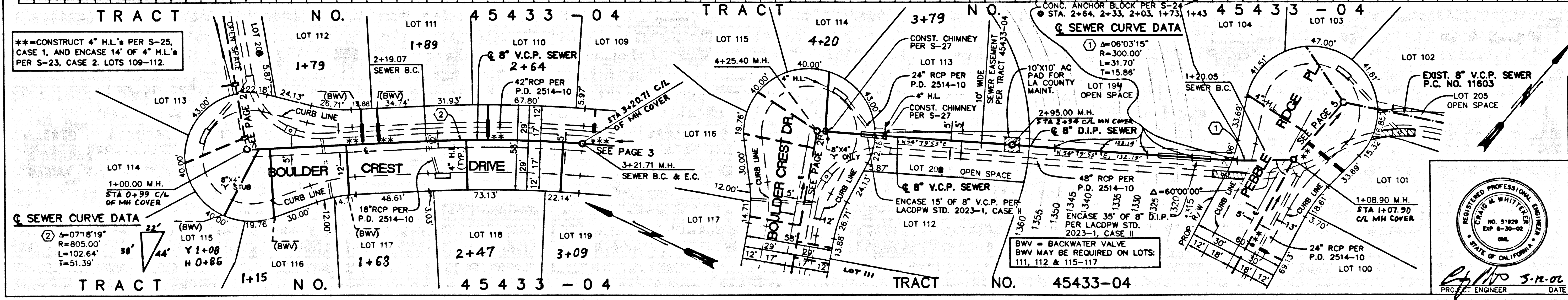
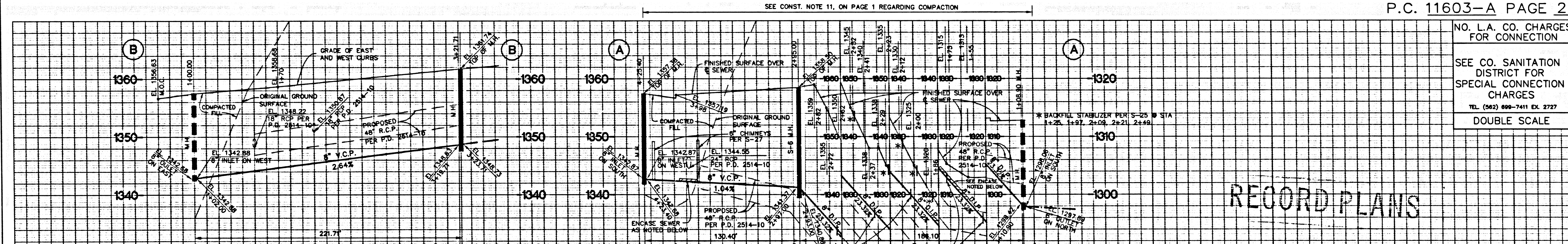
JAMES A. HOYES DIRECTOR OF PUBLIC WORKS  
 APPROVED BY LAND DEVELOPMENT DIVISION  
 BY *Dennis F. Hunter* 3/19/02  
 ASSISTANT DIVISION CHIEF DATE  
 SUBMITTED BY *[Signature]* 3/19/02  
 SUBDIVISION PLAN CHECKING SECTION DATE

APPROVED: COUNTY SANITATION DISTRICT 56003  
 OF LOS ANGELES CALIF.  
 JAMES F. STAHL - CHIEF ENGINEER AND GENERAL MANAGER  
 COUNTY SANITATION DISTRICT NO. 32

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 THIS DRAWING. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CALL TEL. 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 1-805-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

DATE 3-12-02  
 RCE NO 51929

NO.	REVISION	REVISED BY	APPROVED BY	DATE



NO. L.A. CO. CHARGES FOR CONNECTION  
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES  
 TEL. (862) 698-7411 EX. 2727  
 DOUBLE SCALE

PLAN SCALE: 1" = 40'  
 56004

SANITARY SEWER PLANS IN  
 TR. 45433-04 PC NO. 11603-A  
 REVISED LAND DEVELOPMENT DIVISION  
 BY *M.O. City* 3-14-02  
 SUBDIVISION PLAN CHECKING SECTION DATE  
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

5962 LAPLACE COURT  
 SUITE 130  
 CARLSBAD, CA 92008  
 TEL: (760) 431-9896

ALLIANCE  
 LAND PLANNING & ENGINEERING, INC.

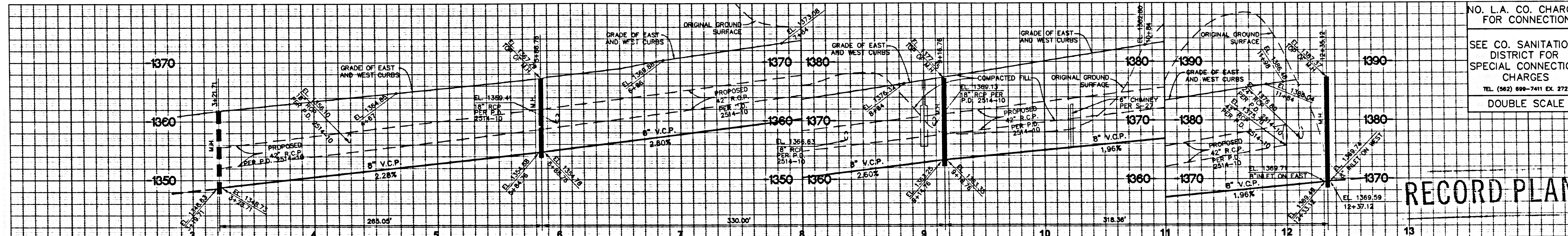
REGISTERED PROFESSIONAL ENGINEER  
 STATE OF CALIFORNIA  
 No. 9199  
 Exp. 12-30-02  
 DATE 3-14-02  
 93004\SEWER\PC.14\PC14-SHT12.DWG JN 0001

NO. L.A. CO. CHARGES FOR CONNECTION

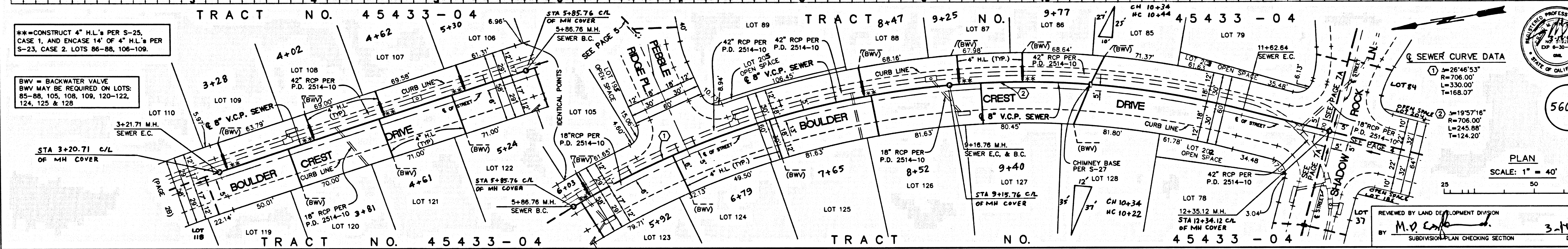
SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

TEL. (802) 698-7411 EX. 2727

DOUBLE SCALE



RECORD PLANS



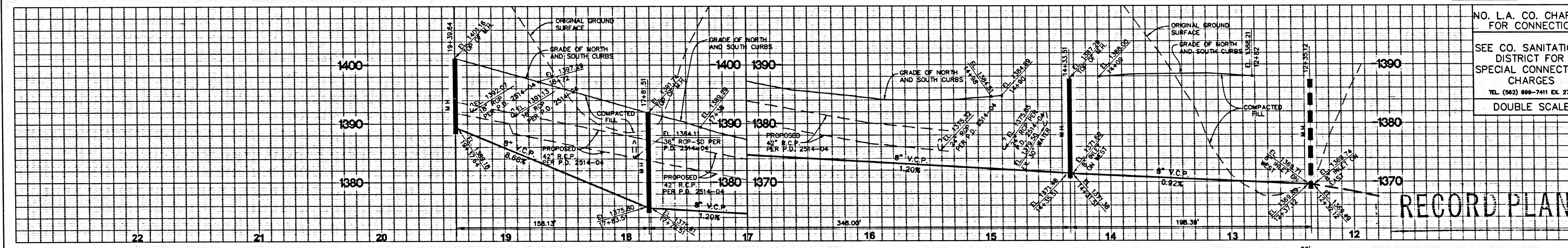
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 SUBDIVISION PLAN CHECKING SECTION  
 BY M.D. [Signature]  
 DATE 3-11-02

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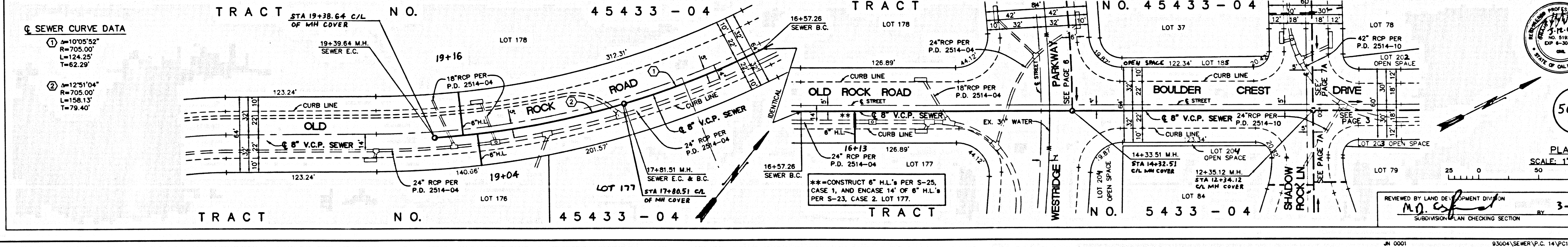
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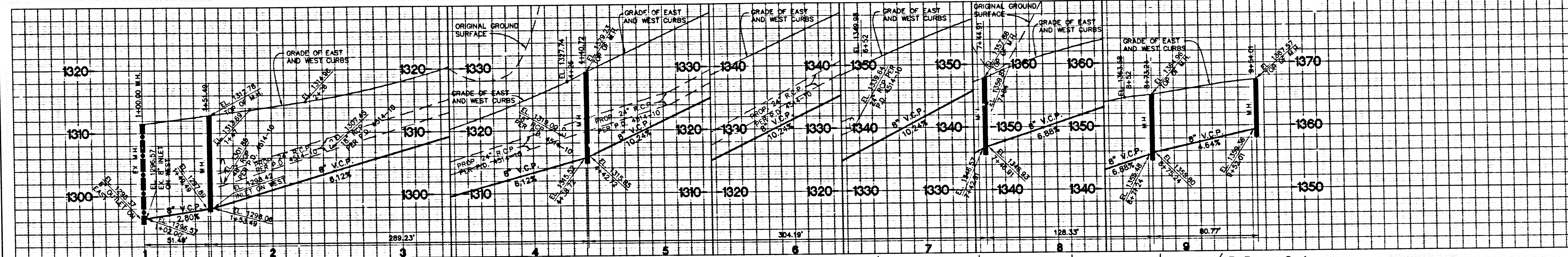
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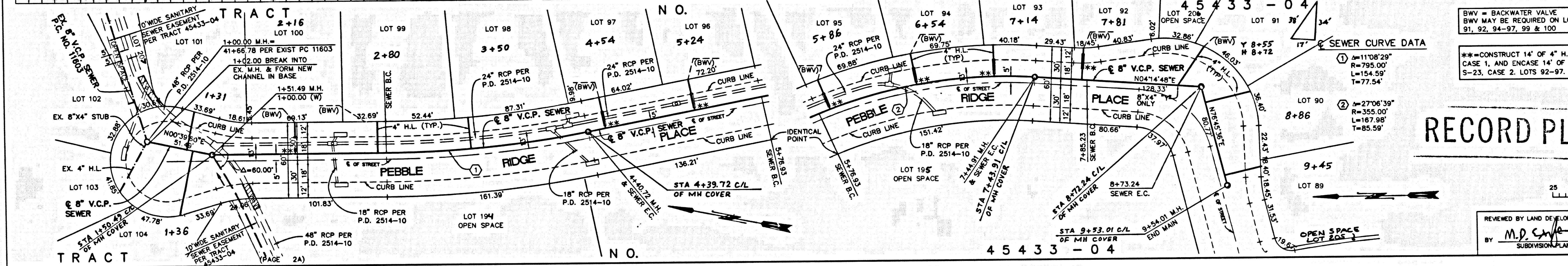
RECORD PLANS



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 DATE 3-11-02



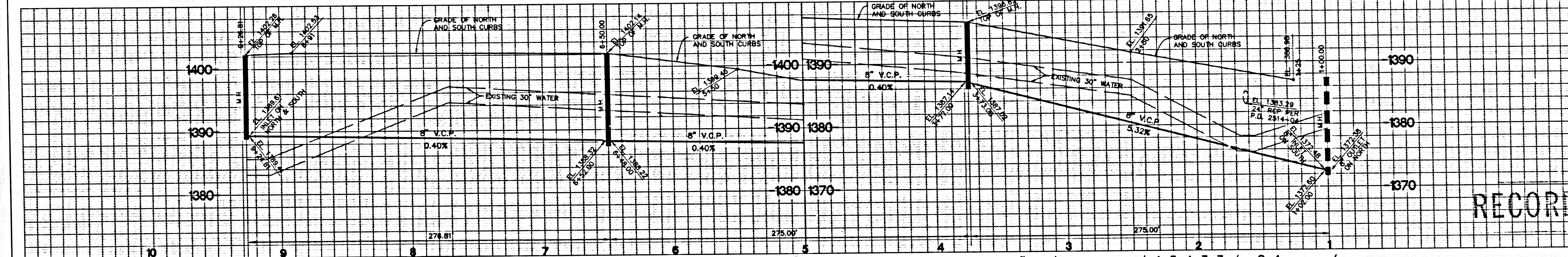
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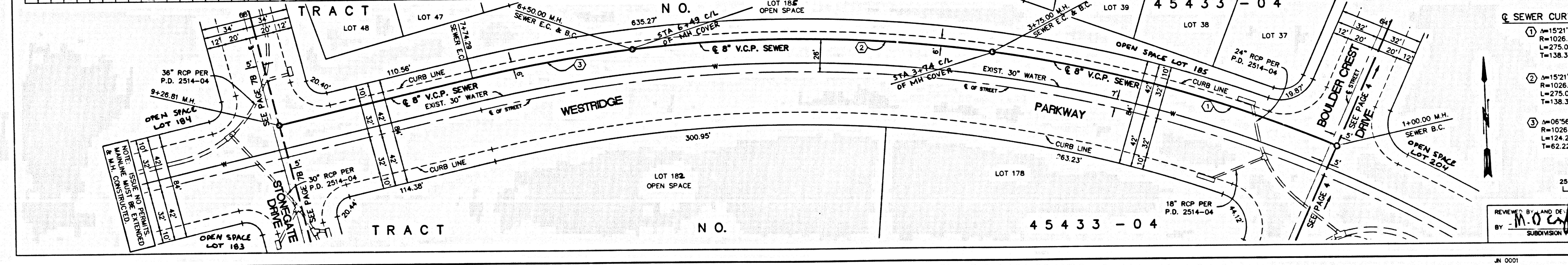
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L=154.59'  
T=77.54'  
② R=355.00'  
L=183.98'  
T=85.59'

RECORD PLANS  
SCALE: 1" = 40'  
DATE: 3-14-02

REVIEWED BY LAND DEVELOPMENT DIVISION  
BY: M.P. [Signature]  
SUBDIVISION PLAN CHECKING SECTION  
DATE: 3-14-02



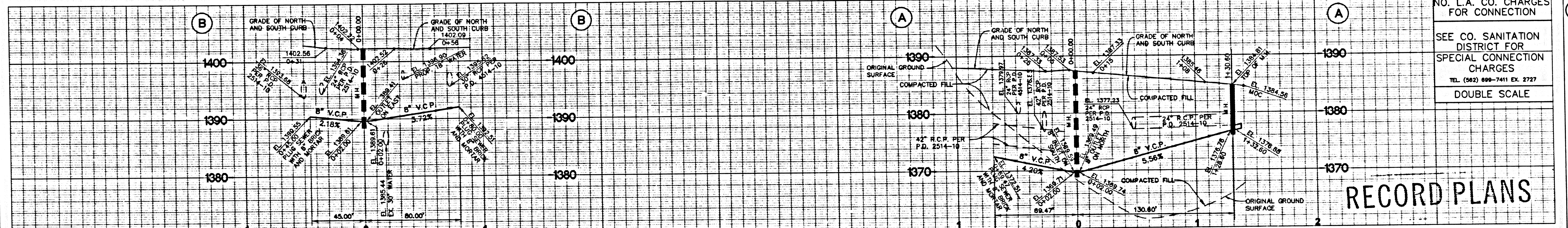
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TEL. (862) 899-7411 EX. 2727  
DOUBLE SCALE



SEWER CURVE DATA  
① R=1026.00'  
L=275.00'  
T=138.33'  
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L=275.00'  
T=138.33'  
③ R=1026.00'  
L=275.00'  
T=138.33'

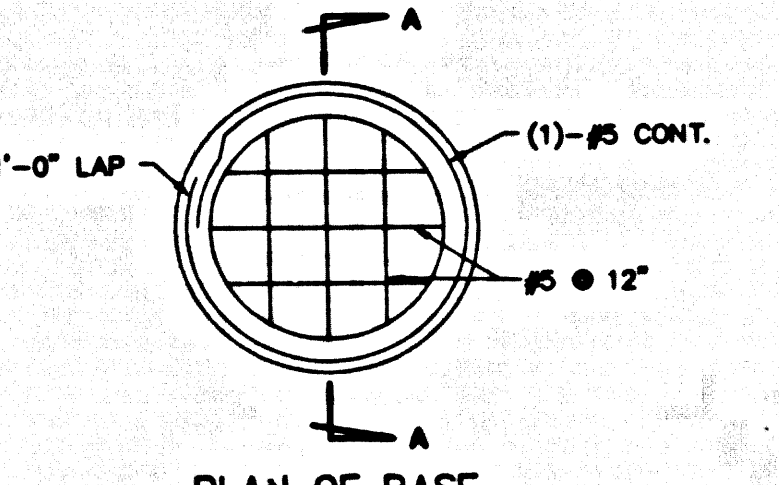
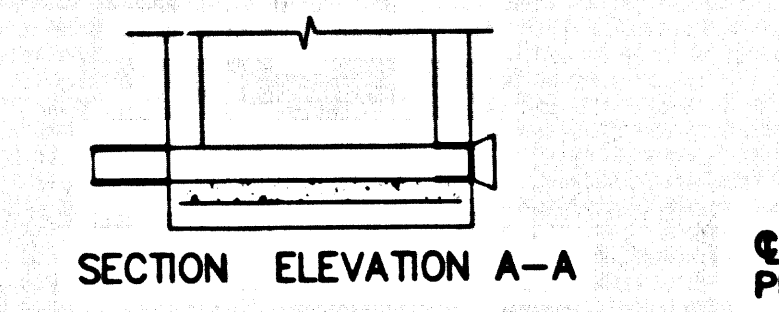
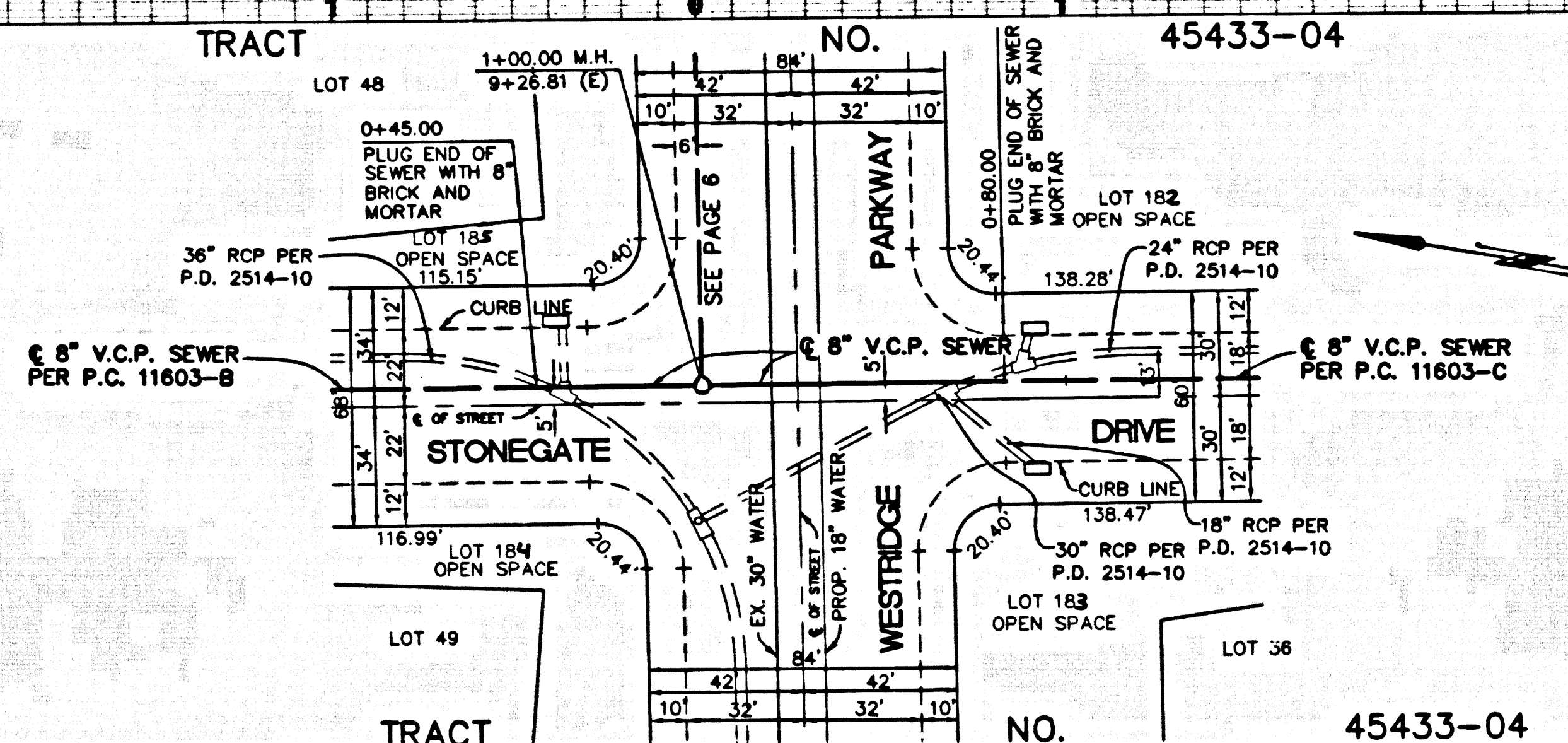
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SCALE: 1" = 40'  
DATE: 3-14-02

REVIEWED BY LAND DEVELOPMENT DIVISION  
BY: M.O. [Signature]  
SUBDIVISION PLAN CHECKING SECTION  
DATE: 3-14-02

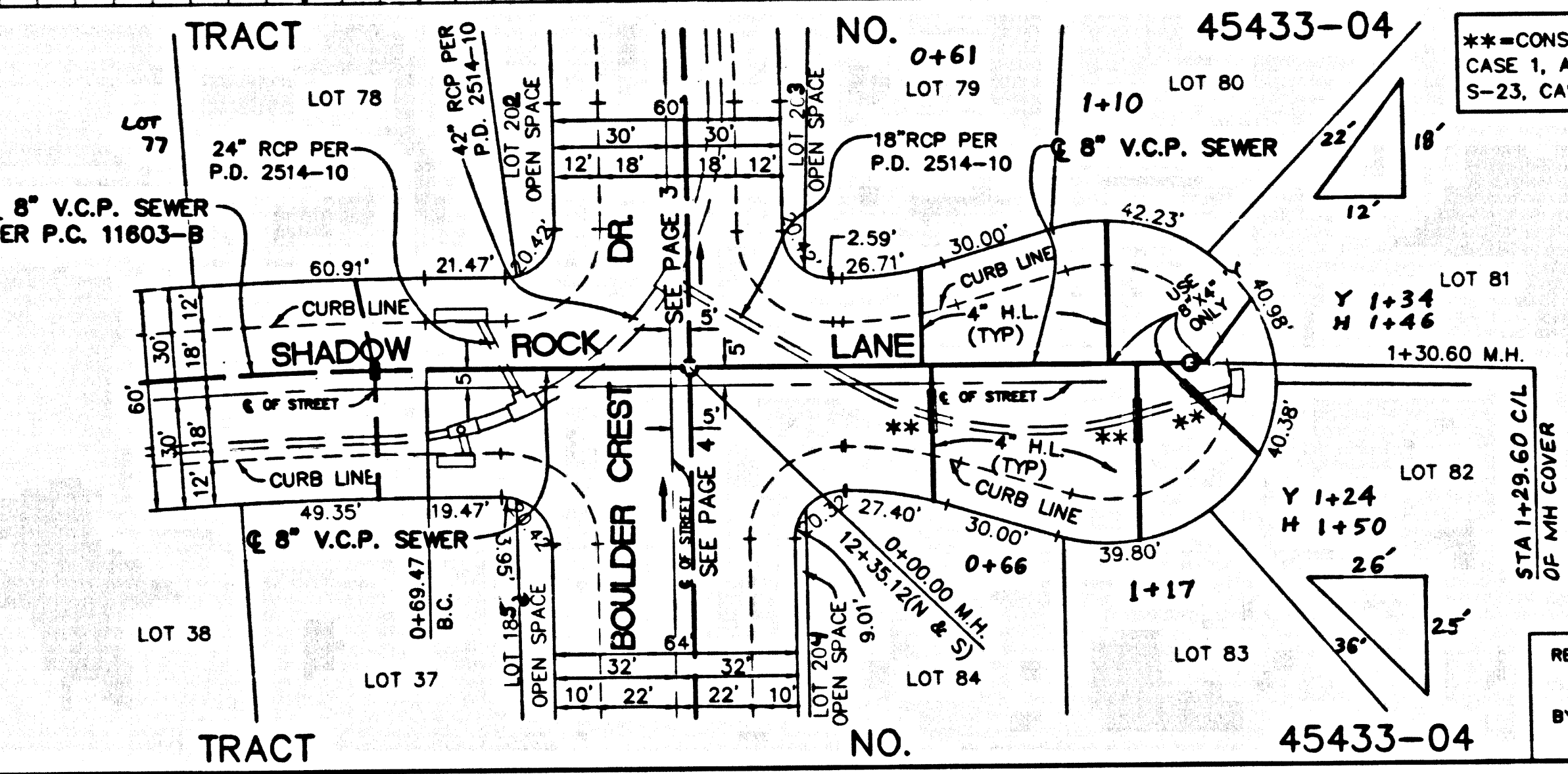


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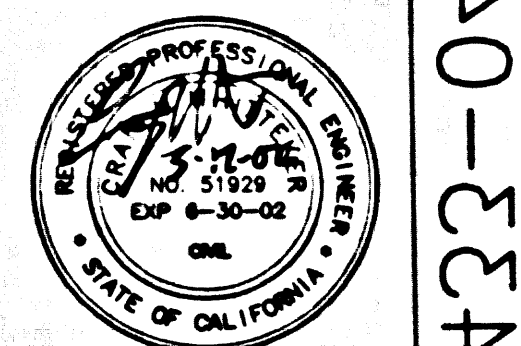
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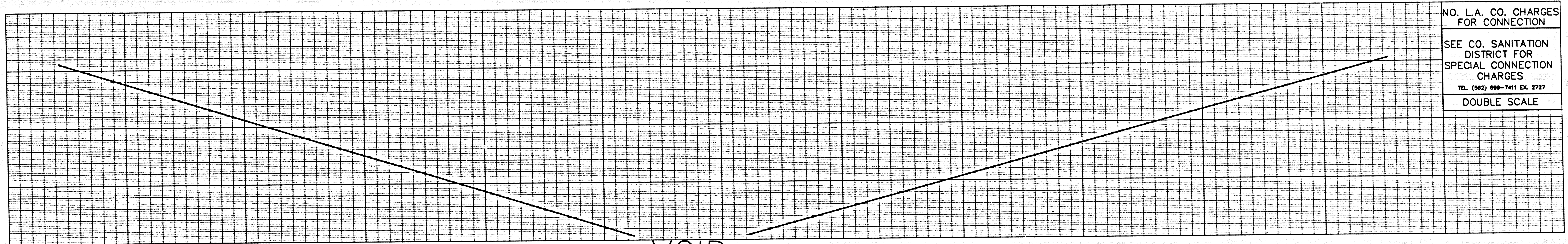
\*\*MODIFIED DETAIL OF M.H. BASE FOR MANHOLES S-5, S-6, S-7  
NOT TO SCALE



\*\*CONSTRUCT 14' OF 4" H.L.'s PER S-25, CASE 1, AND ENCASE 14' OF 4" H.L.'s PER S-23, CASE 2, LOTS 62-64



REVIEWED BY LAND DEVELOPMENT DIVISION  
 BY *M.O.E.* 3.14.02 DATE  
 SUBDIVISION PLAN CHECKING SECTION



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 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES  
 TEL. (862) 899-7411 EX. 2727  
 DOUBLE SCALE

PLAN  
 SCALE: 1" = 40'  
 25 0 50 100

REVIEWED BY LAND DEVELOPMENT DIVISION  
 BY \_\_\_\_\_ DATE \_\_\_\_\_  
 SUBDIVISION PLAN CHECKING SECTION