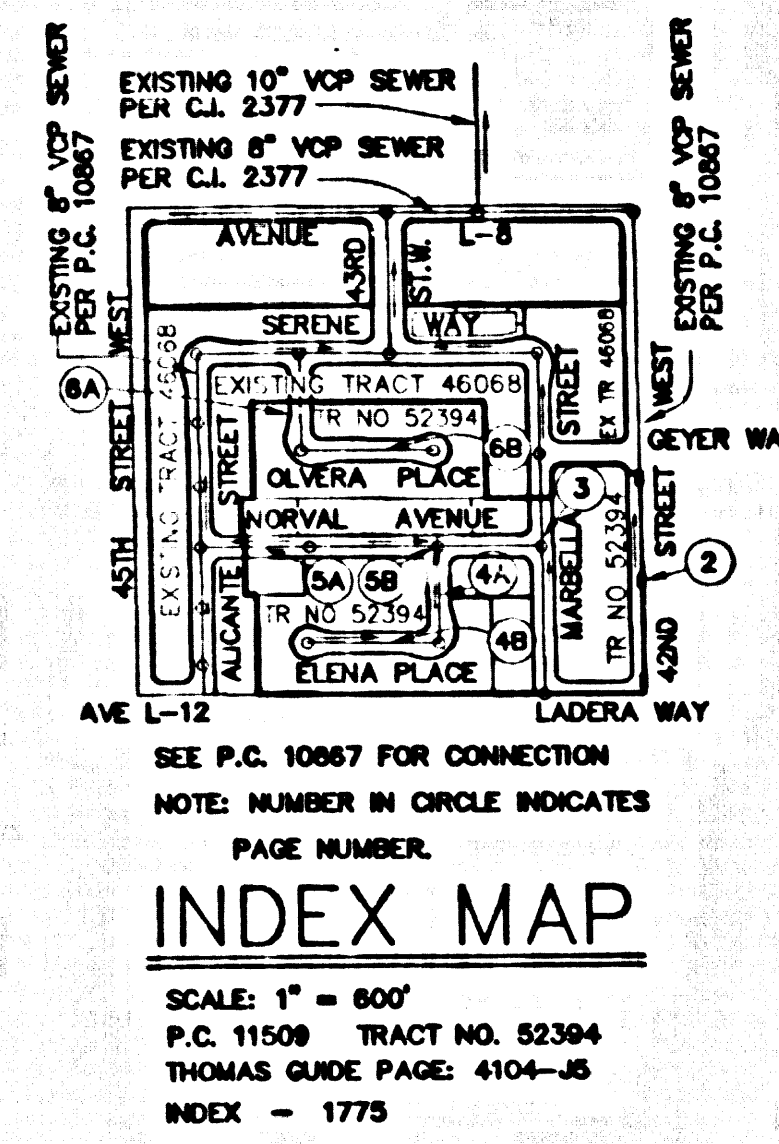


BENCH MARK
 3M CL 5817 Elev. 2463.765
 150 MM W/O B.C.R. @ S.W. COR 50TH ST W
 & AVE. L-S, 22 M W & 9 M S/O C/L INT
 ANCASTER QUAD
 1998 ADJ



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, rills, or natural drainage courses, or wind.
- 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 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 disposal 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.

CA001 - Dewatering Operations
 CA002 - PAVING OPERATIONS
 CA003 - STRUCTURE CONSTRUCTION AND PAINTING
 CA010 - MATERIAL DELIVERY AND STORAGE
 CA020 - SOLID WASTE MANAGEMENT
 CA021 - HAZARDOUS WASTE MANAGEMENT
 CA023 - CONCRETE WASTE MANAGEMENT
 CA024 - SANITARY/SEPTIC WASTE MANAGEMENT
 CA030 - VEHICLE AND EQUIPMENT CLEANING
 CA031 - VEHICLE AND EQUIPMENT MAINTENANCE
 ESC01 - SCHEDULING
 ESC02 - PRESERVATION OF EXISTING VEGETATION
 ESC10 - SEEDING AND PLANTING
 ESC20 - GEOTEXTILES AND MATS
 ESC21 - DUST CONTROL
 ESC22 - TEMPORARY STREAM CROSSING
 ESC23 - CONSTRUCTION ROAD STABILIZATION
 ESC24 - STABILIZED CONSTRUCTION ENTRANCE
 ESC44 - STORM DRAIN INLET PROTECTION

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) 266-4683 SO THAT REQUIRED INSPECTION CAN BE MADE.

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.

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, 900 South Fremont Avenue, 8th Floor, Alhambra, at least 72 hours prior to starting work under this permit. Copies of all other required permits, such as Flood Easement, 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 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 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 the 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 prosecuted 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.
- 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 prosecuted only in the presence of the Department of Public Works.
- 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 crosses on profiles or at points between designated points. The grade shall be established so as to conform to a straight line down between said designated points.
- The private engineer shall furnish the Department of Public Works with grade sheets and stationing for house laterals and "T" or "T" branches and shall provide stakes for them at their proper locations. 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 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 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 clay pipe joints shall be type "D" or "Q" per standard specifications section 208-2.
 - If a pipe is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case B, two feet on each side from the point of interference.
 - All joints between cast iron pipe and verified clay 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.
 - 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 plans, the pipe shall be encased per standard plan S-23, case B, 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-6, 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 306-1.4 of the standard specification will be required for backfill in street certification of backfill composition and sand 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 1557-76 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 have an anticipated depth of 10 feet to be excavated above finished grade.
 - Sewers to be tested for leakage per section 306-1.4 of the standard specifications and special provisions.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN
 TRACT NO. 52394 PC NO. 11509
 3 SHEETS: 6 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 INDEX 1775

JAMES A. ROTES DIRECTOR OF PUBLIC WORKS
 APPROVED BY *Dennis F. Hunter* 4/30/02
 ASSISTANT DIVISION ENGINEER DATE

SUBMITTED BY *[Signature]* 4/30/02
 SUBDIVISION PLAN CHECKING SECTION DATE

APPROVED: COUNTY SANITATION DISTRICT
 OF LOS ANGELES CALIF.
 JAMES F. STALL - CHIEF ENGINEER AND GENERAL MANAGER
 COUNTY SANITATION DISTRICT NO. 14

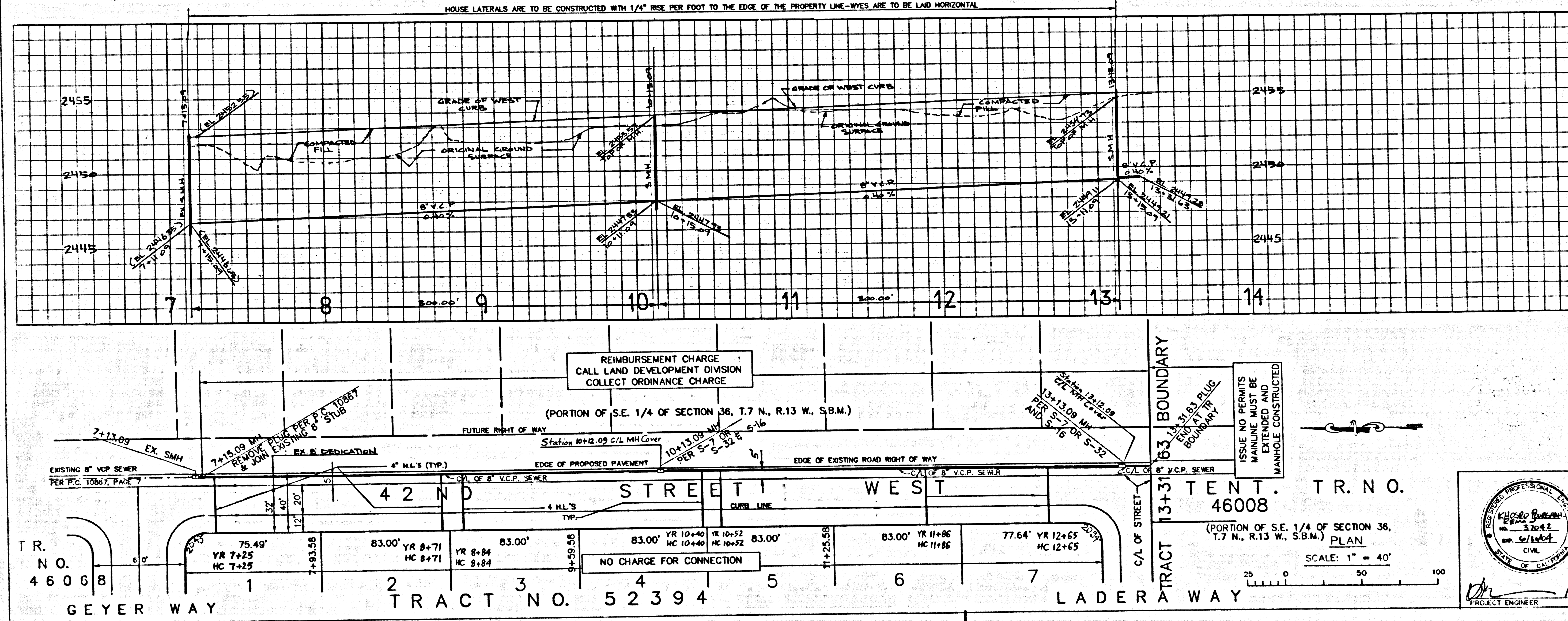
BY *[Signature]* DATE: 5/1/02

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WAS OBTAINED 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 EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 1-800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CHAMBERS P.E. GENERAL TELEPHONE COMPANY AT 1-861-948-4871 SO THAT THEY CAN QUOTE THE LOCATION OF UNDERGROUND TELEPHONE LINES.

DATE: 10/6/01
 RCE NO.

NO.	REVISION	REVISED BY	APPROVED BY	DATE



P.C. 11509 PAGE 2

COLLECT CHARGES AS INDICATED

SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

TEL. (862) 699-7411 EXT. 2727

55766

SANITARY SEWER PLANS IN
 TRACT NO. 52394 PC NO. 11509

REVIEWED LAND DEVELOPMENT DIVISION
 BY *[Signature]* 4/30/02
 SUBDIVISION PLAN CHECKING SECTION DATE

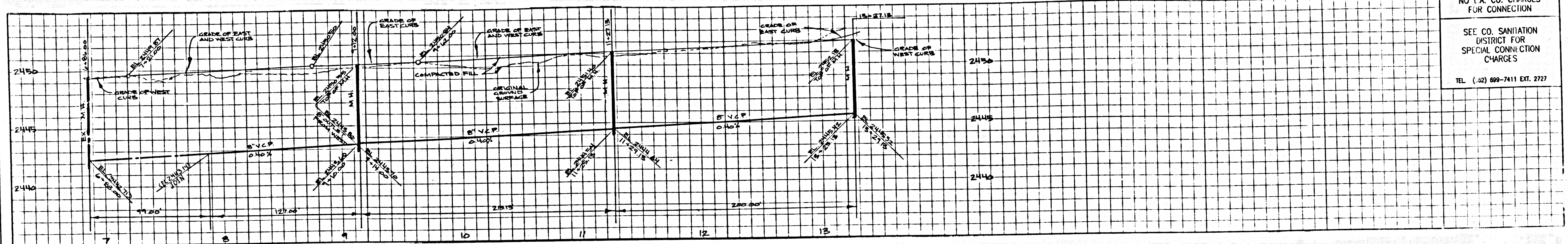
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

J.C. Corporation
 Architecture Engineering
 Planning Surveying

FILED James B. Edwards
 Los Angeles, Cal. CIVIL
 42277 6th Street N. Suite 305
 Lancaster, CA 93534
 (805) 944-7161

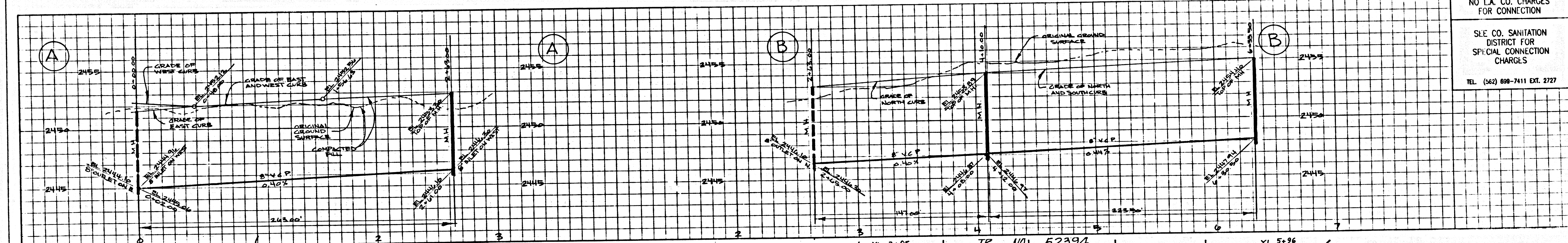
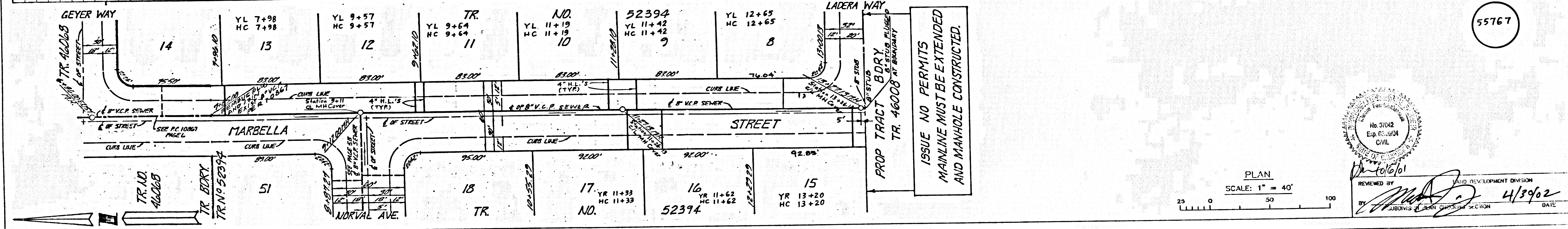
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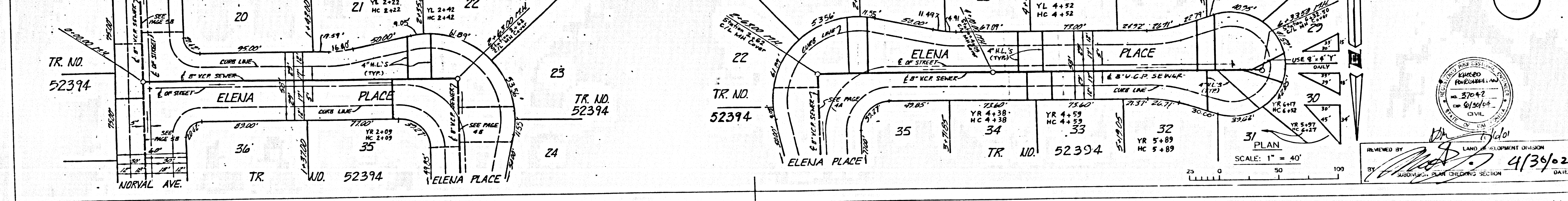
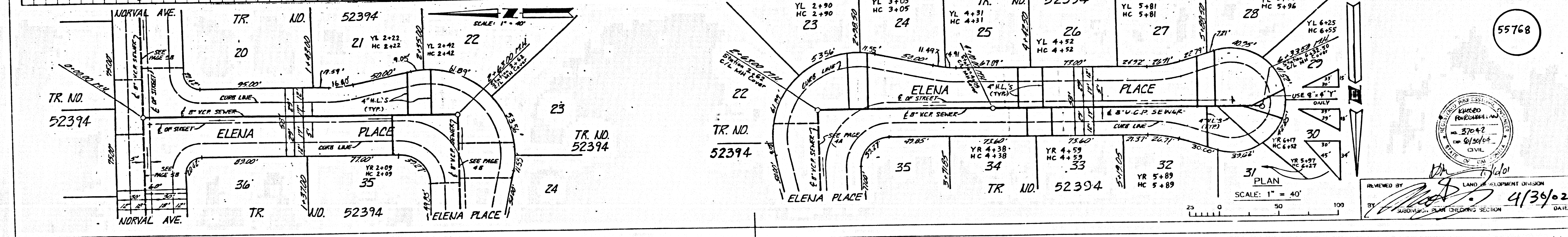


NO L.A. CO. CHARGES FOR CONNECTION
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (82) 699-7411 EXT. 2727

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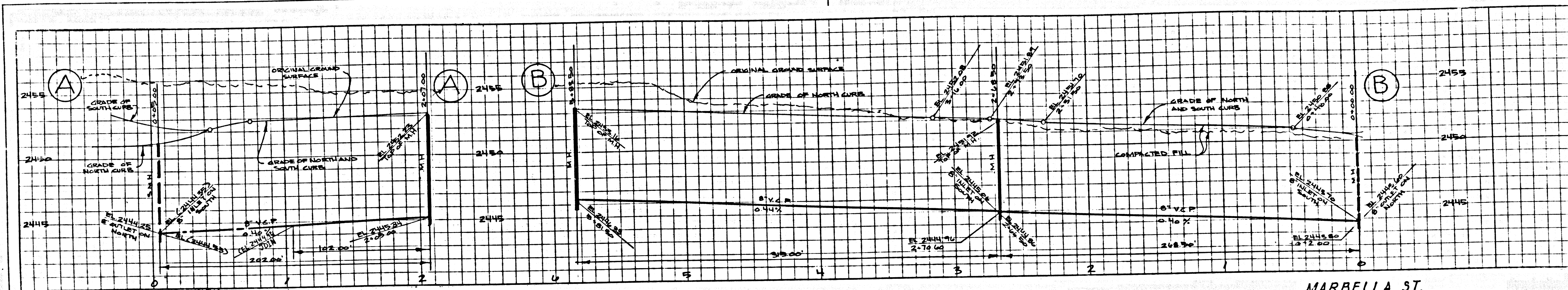


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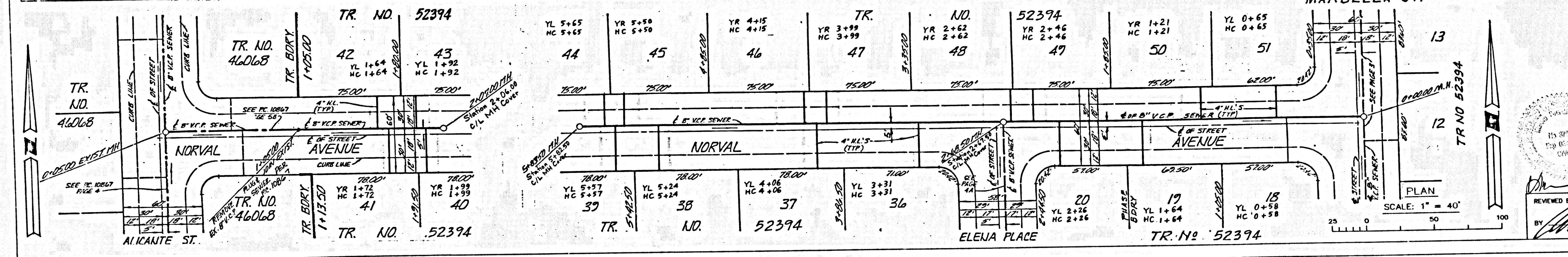
NO L.A. CO. CHARGES FOR CONNECTION
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (82) 699-7411 EXT. 2727

IF CHANGES ARE MADE TO THIS PLAN, THE ENGINEER SHALL BE ADVISED BY THE CITY ENGINEER.



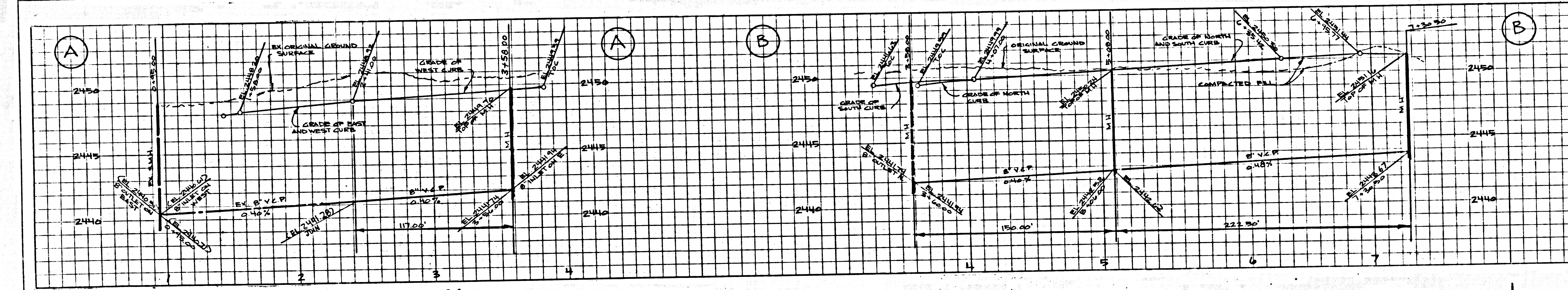
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POSITION APPROX. ON TRACT

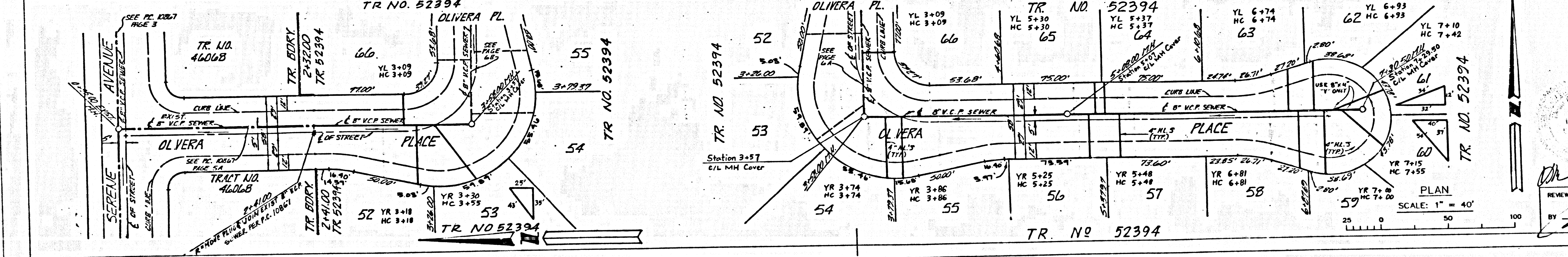


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REVIEWED BY: [Signature] LAND DEVELOPMENT DIVISION
 DATE: 4/30/02



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POSITION APPROX. ON TRACT