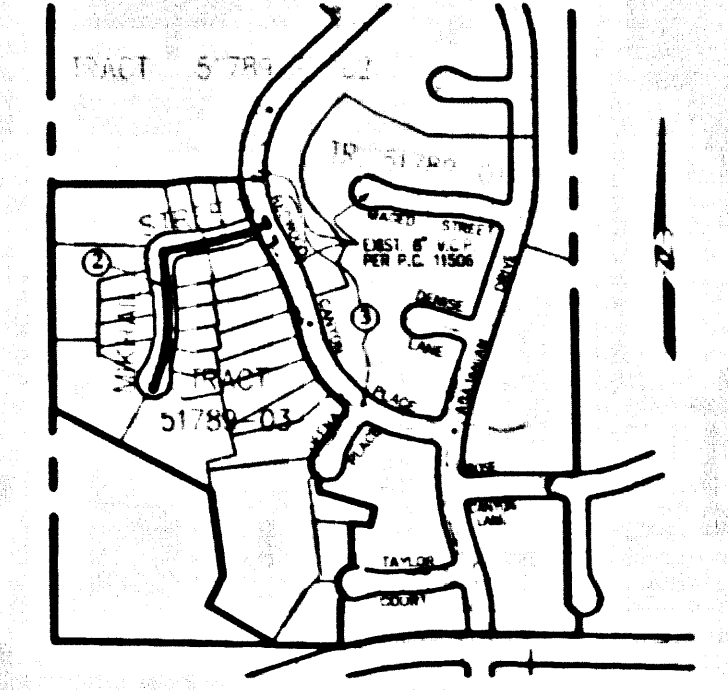


**BENCH MARK**  
 NEWHALL (1995)  
 DP W BM TAG IN S CB 14FT W/O BCR AT SW COR  
 COPPER HILL DR & HASSELL CYN RD 80FT W AND  
 30FT S/O C/L INT (NR W END C B)  
 ELEV. 1376.690 B.M. NO. L 5328



INDEX MAP - 1332  
 TRACT NO. 51789-03  
 P.C. 11676  
 SCALE: 1" = 600'  
 THOMAS GUIDE PG. 4461-B4  
 NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER.

CITY OF SANTA CLARITA  
 DISCHARGE APPROVAL ONLY  
 1/6/03  
 ROBERT NEWMAN CITY ENGINEER DATE

BUILDING AND SAFETY  
 SANTA CLARITA OFFICE

**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, erosion, or drainage courses, or wind.
- Stooges 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 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 reuse 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 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  
 CA022 - Concrete Waste Management  
 CA023 - Sanitary/Septic Waste Management  
 CA030 - Vehicle and Equipment Fueling  
 CA031 - Vehicle and Equipment Maintenance  
 ESC00 - Scheduling  
 ESC01 - Preservation of Existing Vegetation  
 ESC10 - Seeding and Planting  
 ESC11 - Mulching  
 ESC20 - Geotextiles and Mats  
 ESC21 - Dust Control  
 ESC22 - Temporary Stream Crossing  
 ESC23 - Construction Road Stabilization  
 ESC24 - Stabilized Construction Entrance  
 ESC54 - Storm Drain Inlet Protection

STANDARD PLANS:  
 THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE FOLLOWING DEPARTMENT SHALL APPLY TO THE CONSTRUCTION OF THIS PROJECT.  
 LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS  
 LEGEND  
 MINIMUM PUBLIC SAFETY REQUIREMENTS 2000-0  
 BRICK MANHOLE 203-0  
 MANHOLE 202-0  
 STANDARD MANHOLE STEP 2015-0  
 BEDDING FOR SEWER MANHOLE 2011-0  
 CRACKING AND ENCASEMENT 2023-0  
 WE OR TEE SUPPORT 2024-0  
 ALLOWABLE TRENCH WIDTHS 2027-0  
 LOCKING MANHOLE FRAME AND COVER 2019-0  
 NON-REINFORCED PRECAST CONCRETE MANHOLE 2001-0  
 BREAK INTO EXISTING MANHOLE 2010-0  
 SPECIAL HOUSE LATERALS 2122-0  
 EROSION PROTECTION IN STEEP SLOPES 2026-0  
 ANCHOR BLOCK 2228-0  
 JACKING STEEL CASING FOR SEWER PIPE 2028-0  
 CHIMNEYS 2220-0  
 TERMINAL CLEANOUT STRUCTURE 2024-0  
 \* REFERS TO A.P.W.A. STD. DRAWING NO.

**DOUBLE SCALE**  
 VERTICAL: 1" = 8'  
 HORIZONTAL: 1" = 40'

ISSUE THIS ALL CONNECTION PERMITS UNDER OUTLET  
 P.C. 11506 AND P.C. 11676 ACCEPTED FOR  
 PUBLIC USE BY THE COUNTY OF LOS ANGELES  
 11/07/05  
 DEPARTMENT OF PUBLIC WORKS  
 LAND DEVELOPMENT DIVISION

LOT 29 OPEN SPACE - PROHIBIT THE  
 CONSTRUCTION OF RESIDENTIAL BUILDING  
 OR OTHER STRUCTURE. SEWER  
 CONNECTION NOT PROVIDED FOR THIS LOT.

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 THE SAID CONNECTION.  
 BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION  
 DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT  
 A SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE  
 AT (626) 266-4683 SO THAT REQUIRED INSPECTIONS CAN BE MADE.

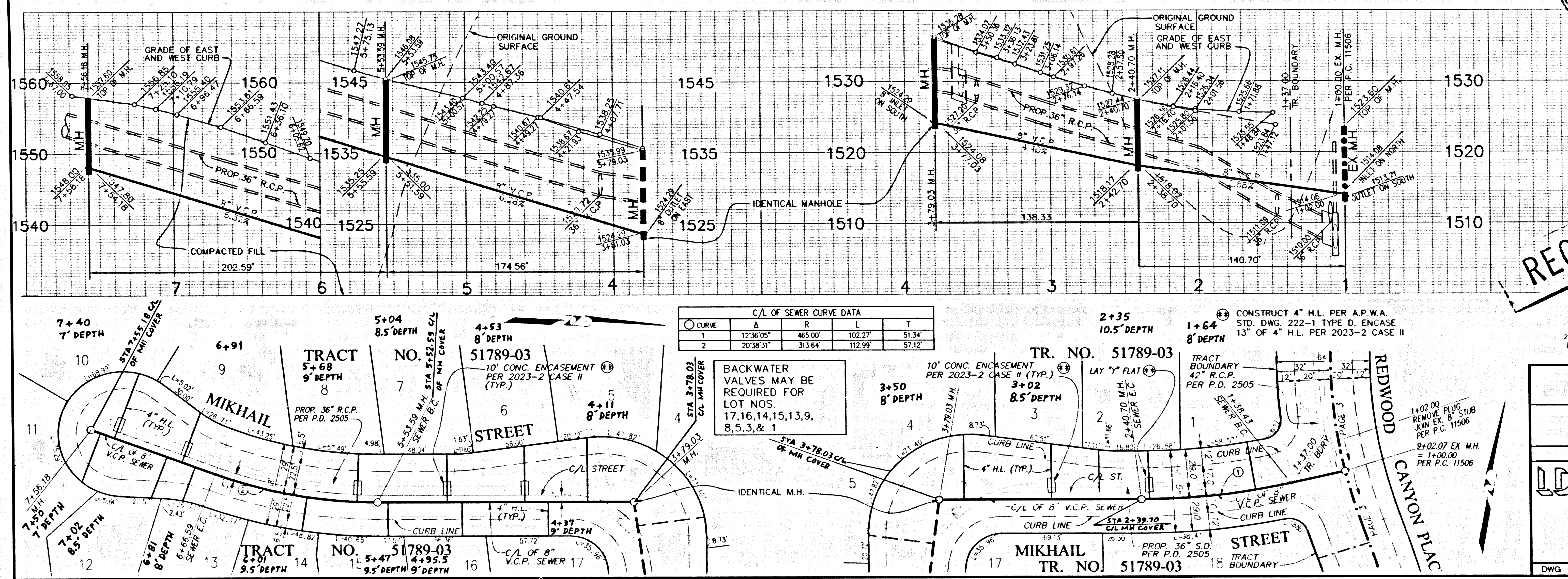
**PRIVATE CONTRACT SEWER GENERAL NOTES**

- 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 Fremont Avenue, 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 cancellation of policy.
- If work is done on 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. This note applies to all pipes.
- 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 proceeded 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 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 curb, centerline of streets, or centerline of alleys are shown by circles on plan 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" 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 man line sewer except as shown on the plans. House laterals from chimneys shall not have an angle of less than 45 degrees with the man 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.
- Vertical pipe joints shall be type "D" or "C" per standard specifications section 208-2.
- If a pipe slope is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case II, two feet on each side from the point of interference.
- All joints between cast iron pipe and vitrified 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.
- Use of 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 pipe shall be encased per standard plan S-23, case II, 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 manhole per standard plan S-6, except as noted.
- Encase all trenches within paved areas to meet Los Angeles County Public Works on California State Highway requirements in accordance with the permits.
- Full compliance with section 306-13.4 of the standard specification will be required for backfill in street certification of backfill composition and sand equivalent by a qualified civil engineer shall be provided by the permittee prior to the issuance of a certificate of partial acceptance.
- 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, 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 right of way to be six inches above finished grade.
- Sewers to be tested for leakage per section 306-17.4 of the standard specifications and special provisions.

NO.	REVISION	REVISED BY	APPROVED BY	DATE



**RECORD PLANS**

PAGE 1  
 PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
 TRACT NO. 51789-03 P.C. NO. 11676  
 INDEX - 1332  
 2 SHEETS: 3 PAGES  
 COUNTY OF LOS ANGELES CALIFORNIA

JAMES A. NOYES DIRECTOR OF PUBLIC WORKS  
 APPROVED BY LAND DEVELOPMENT DIVISION  
 BY Dennis Hunter 12/19/02  
 ASSISTANT DIVISION ENGINEER DATE  
 SUBMITTED BY [Signature] 12/19/02  
 SUBMITTAL PLAN CHECKING SECTION DATE

APPROVED: COUNTY SANITATION DISTRICT  
 OF LOS ANGELES CALIF. 55998  
 JAMES STAMM - CHIEF ENGINEER and GENERAL MANAGER  
 COUNTY SANITATION DISTRICT NO. 26  
 BY [Signature] DATE: 1/10/03  
 OFFICE OF FIELD

**PRIVATE ENGINEER'S 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 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  
 OF GENERAL TELEPHONE COMPANY AT 1-805-348-4871 SO THAT THEY CAN  
 MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

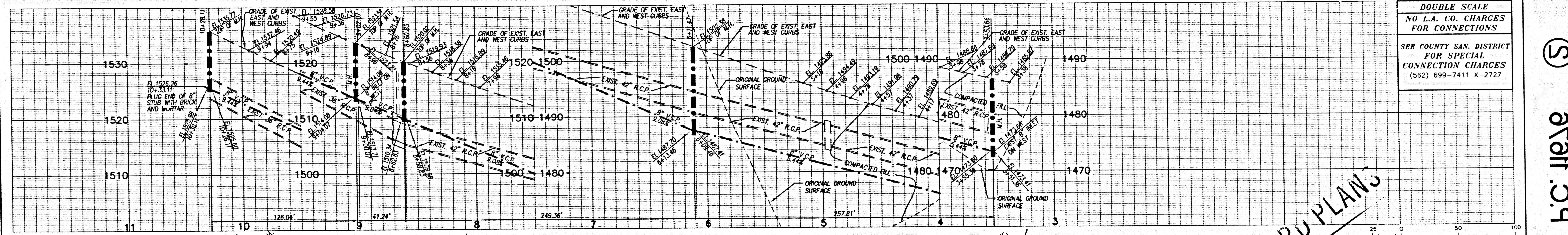
RECEIVED BY [Signature] 12/19/02  
 RCE NO. 21649  
 P.C. 11676 PAGE 2

**DOUBLE SCALE**  
 NO L.A. CO. CHARGES  
 FOR CONNECTIONS  
 SEE COUNTY SAN. DISTRICT  
 FOR SPECIAL  
 CONNECTION CHARGES  
 (562) 699-7411 X-2727  
 55999

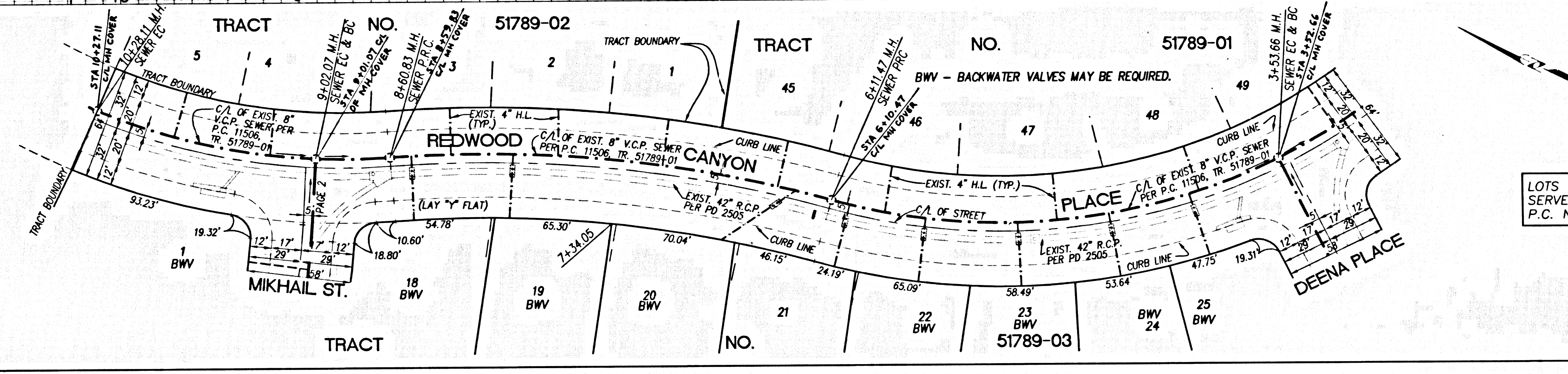
SCALE: VERT. 1" = 8'  
 HORIZ. 1" = 40'  
 25 0 50 100  
 REGISTERED PROFESSIONAL ENGINEER  
 STEPHEN R. SAMS  
 No. 21649  
 EXP. 9-30-05  
 CIVIL  
 STATE OF CALIFORNIA

**SANITARY SEWER PLANS IN**  
 TR. NO. 51789-03 P.C. NO. 11676  
 REVISED BY LAND DEV.  
 BY [Signature] 12/19/02  
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
**LAND DESIGN CONSULTANTS, INC.**  
 Land Planning, Civil Engineering, Surveying & Environmental Services  
 250 South Lake Avenue, Suite 600  
 Pasadena, California 91101  
 Tel: (626) 578-7000 Fax: (626) 578-7373  
 98042-009 Project No.  
 DWG

RECORD PLANS



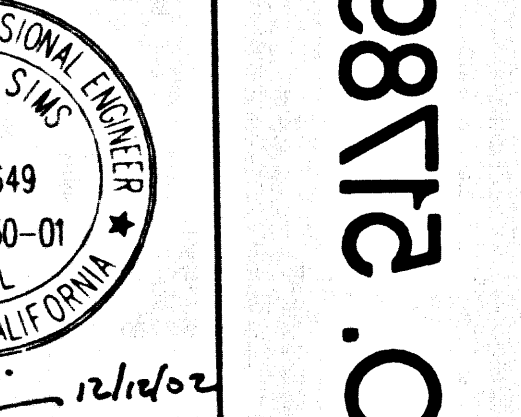
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 SEE COUNTY SAN. DISTRICT  
 FOR SPECIAL  
 CONNECTION CHARGES  
 (562) 699-7411 X-2727



LOTS 26-28 WILL BE  
 SERVED BY EXISTING  
 P.C. NO. 11506

RECORD PLANS

56000



REVIEWED BY LAND DEVELOPMENT DIVISION  
 BY: [Signature] DATE: 12/19/02

VOID

5  
 RETAIL P.C. 11676 30-08712 ON PT