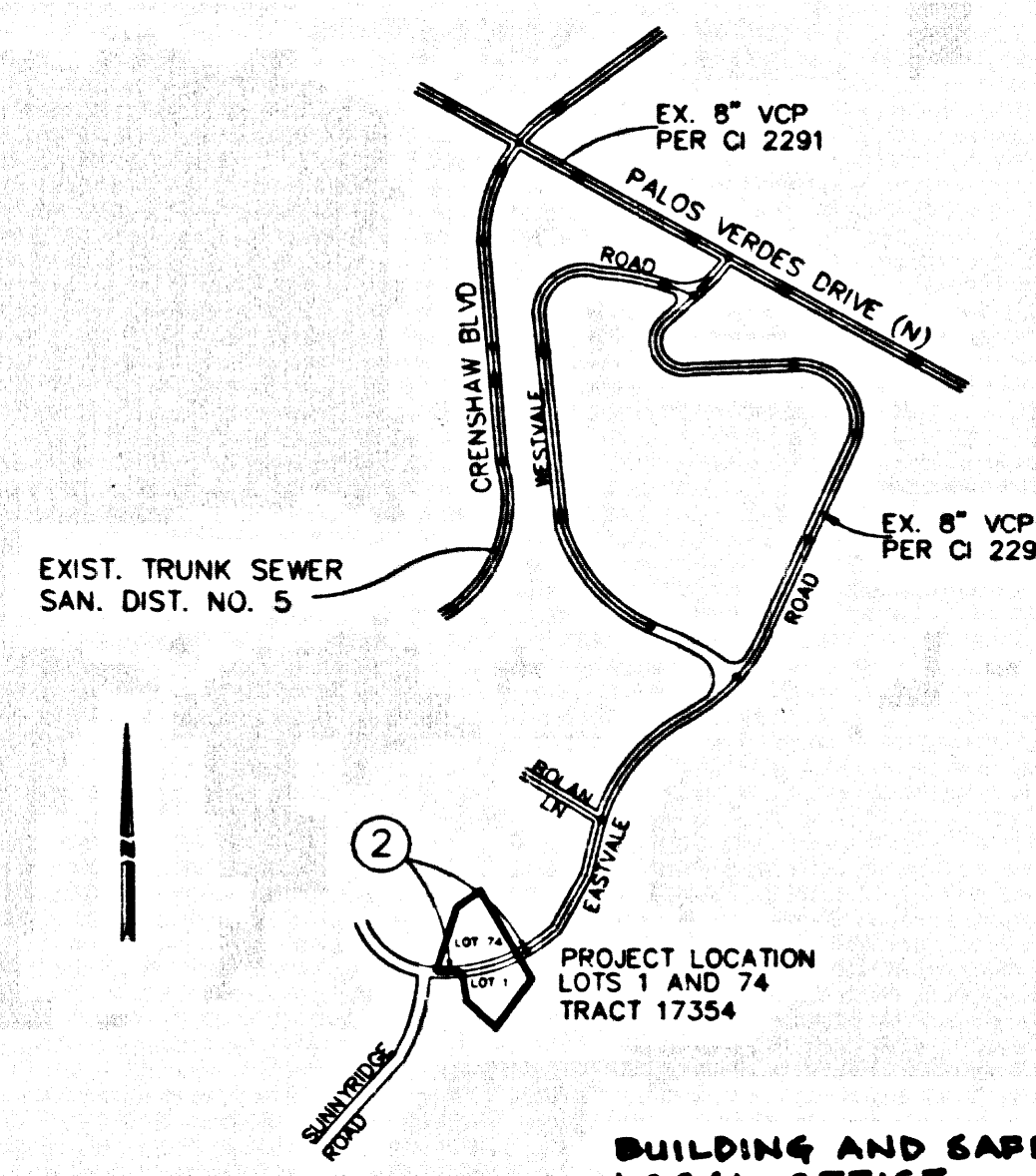


BENCH MARK
 BM #3532 Elev. 423.936
 L&R IN WLY CB 900 MM NLY BCR 28M NLY PALOS VERDE DR N & 12
 .BM WLY/O C/L CRENSHAW BLVD MKD (BM)
 (1995) PALOS VERDES QUAD.



NOTES: NUMBER IN CIRCLE INDICATES PAGE NUMBER.
 ALL MAINLINE SANITARY SEWERS ARE WITHIN
 THE DEDICATED RIGHT OF WAY.

INDEX MAP
 SCALE: 1" = 800' INDEX S-1599
 PC 11747
 THOMAS GUIDE PAGE: 793 D-7

NO.	REVISION	REVISED BY	APPROVED BY	DATE

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 drainage courses, or wind.
- Stockpiles 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.
- Track 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 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 | ES001 - Scheduling |
| CA002 - Paving Operations | ES002 - Preservation of Existing Vegetation |
| CA003 - Structure Construction and Painting | ES010 - Seeding and Planting |
| CA010 - Material Delivery and Storage | ES011 - Mulching |
| CA020 - Solid Waste Management | ES020 - Geotextiles and Mats |
| CA021 - Hazardous Waste Management | ES021 - Dust Controls |
| CA022 - Concrete Waste Management | ES022 - Temporary Stream Crossing |
| CA024 - Sanitary/Sepic Waste Management | ES023 - Construction Road Stabilization |
| CA030 - Vehicle and Equipment Cleaning | ES024 - Stabilized Construction Entrance |
| CA031 - Vehicle and Equipment Fueling | ES024 - Storm Drain Inlet Protection |
| CA032 - Vehicle and Equipment Maintenance | ES024 - Storm Drain Inlet Protection |

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
 2000-0 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS
 2002-1 PRECAST REINFORCED CONCRETE SHALLOW MANHOLE
 2003-2 REINFORCED PRECAST CONCRETE MANHOLE
 2004-1 RECTANGULAR SHALLOW MANHOLE
 2014-1 RECTANGULAR MANHOLE FRAME AND COVER
 2015-1 RECTANGULAR MANHOLE SITE
 2021-1 BEDDING FOR SEWER PIPE
 2023-2 CHADLING AND ENCASUREMENT
 2024-1 WYE OR TEE SUPPORT
 2026-1 EROSION PROTECTION IN STEEP SLOPES
 2027-0 ALLOWABLE TRENCH WIDTHS
 8006-1 MINIMUM PUBLIC SAFETY REQUIREMENTS
 AMERICAN PUBLIC WORKS ASSOCIATION
 207-1 PRECAST REINFORCED CONCRETE MANHOLE BASE
 208-1 BREAKING INTO EXISTING MANHOLES
 210-2 MANHOLE FRAME AND COVER LACING TYPE
 220-2 CHIMNEY
 221-1 PIPE ANCHORS AND BACKFILL STABILIZERS
 222-1 HOUSE CONNECTION SEWER
 223-1 HOUSE CONNECTION REMODELING

THIS SEWER PRIVATE CONTRACT
 ACCEPTED FOR PUBLIC USE
 07-12-2005
 COUNTY OF LOS ANGELES
 DEPARTMENT OF PUBLIC WORKS
 LAND DEVELOPMENT DIVISION

NOTICE TO CONTRACTOR:
 MAINTAIN SEWER FLOW AT ALL
 TIMES DURING CONSTRUCTION.

PRIVATE CONTRACT SEWER GENERAL NOTES

- The following general notes are to be included on Page 1 of all Private Contract Sewer Plans:
- 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, 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. The Department of Public Works shall be notified 30 days prior to completion of the insurance policy.
 - 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 Sewer" 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 Requirement" as shown on Los Angeles Department of Public Works standard plan 6006-1.
 - 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 curbs, centerline of streets, or centerline of alleys, are shown by circles on profiles at all points between said design points. The grade shall be established so as to conform to a straight line drawn between said design 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 driveways 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 section for each house lateral on the grade sheet.
 - An approved backwater valve is required when the pool is lower in elevation than the top of the next upstream manhole.

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 "G" per "Standard Specifications for Public Works Construction" Section 208-2.
- If a pipe is within three feet of the sewer, the sewer shall be encased per LACDPW standard plan 2023-2, Case II, 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 for Public Works Construction" 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 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 LACDPW standard plan 2023-2, Case II, unless otherwise approved by the Director of Public Works.
- All structures shall be either brick sewer manholes per LACDPW standard plan 5-3, or precast concrete sewer manholes per LACDPW standard plan 5-36, or reinforced precast concrete manhole per LACDPW standard plan 2003-2, except as noted.
- Reinforce all trenches within paved areas to meet Department of Public Works or California State Highway requirements in accordance with the permits.
- Full compliance with Section 306-1.3.4 of the "Standard Specifications for Public Works Construction" will be required for backfill, in street. Certification of backfill, compaction, and sound equipments 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 and 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.
- Manhole tops in unimproved rights of way to be six inches above finished grade.
- Sewers to be tented for leakage per section 306-1/4 of the "Standard Specifications for Public Works Construction" and "special provisions for the Construction of Sanitary Sewer".
- Manhole tops in improved rights of way to be level with finished grade.
- All wye and/or house laterals are to be located at least 5' apart and when possible not closer than 5' to any manhole.

PROFILE, ALIGNMENT, AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN
 EASTVALE RD. S/O BOLAN LN. & N/O SUNNYRIDGE RD. PC NO. 11747
 1 SHEETS: 2 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 INDEX S-1599

JAMES A. NOTES DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY Dennis Hunter 9/29/04
 ASSISTANT DIVISION ENGINEER DATE

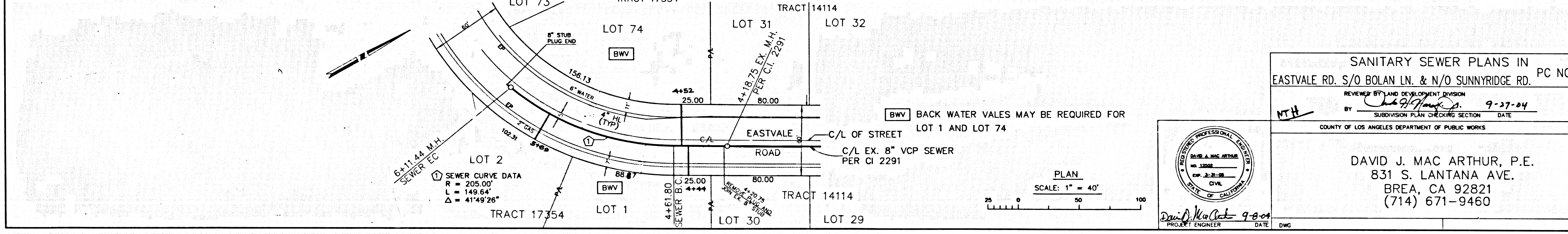
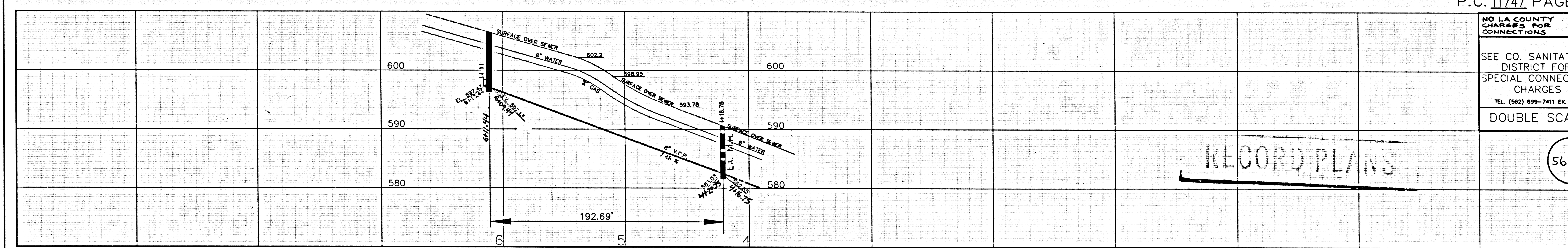
SUBMITTED BY [Signature] 9/28/04
 SUBDIVISION PLAN CHECKING SECTION DATE

APPROVED: **COUNTY SANITATION DISTRICT**
 OF LOS ANGELES COUNTY
 JAMES F. STAHL - CHIEF ENGINEER AND GENERAL MANAGER
 COUNTY SANITATION DISTRICT NO. 5

BY [Signature] DATE: 10/2/04
 UTILITY DIVISION

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 UTILITIES 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 OLIVARES OF GENERAL TELEPHONE COMPANY AT 1-805-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

David J. MacArthur 12.500 9-8-04
 PROJECT ENGINEER RCE NO. DATE



SANITARY SEWER PLANS IN
 EASTVALE RD. S/O BOLAN LN. & N/O SUNNYRIDGE RD. PC NO. 11747

REVIEWED BY LAND DEVELOPMENT DIVISION
 BY [Signature] 9-27-04
 SUBDIVISION PLAN CHECKING SECTION DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

DAVID J. MACARTHUR, P.E.
 831 S. LANTANA AVE.
 BREA, CA 92821
 (714) 671-9460

PROJECT ENGINEER DATE DWG

PC 11747 PLANVIEW OF S/O BOLAN LN. & N/O SUNNYRIDGE RD.

RECORD PLANS

RECORD PLANS

NO LA COUNTY CHARGES FOR CONNECTIONS
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL (562) 899-7411 EX. 2727
 DOUBLE SCALE

56308