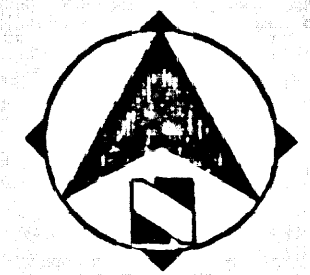
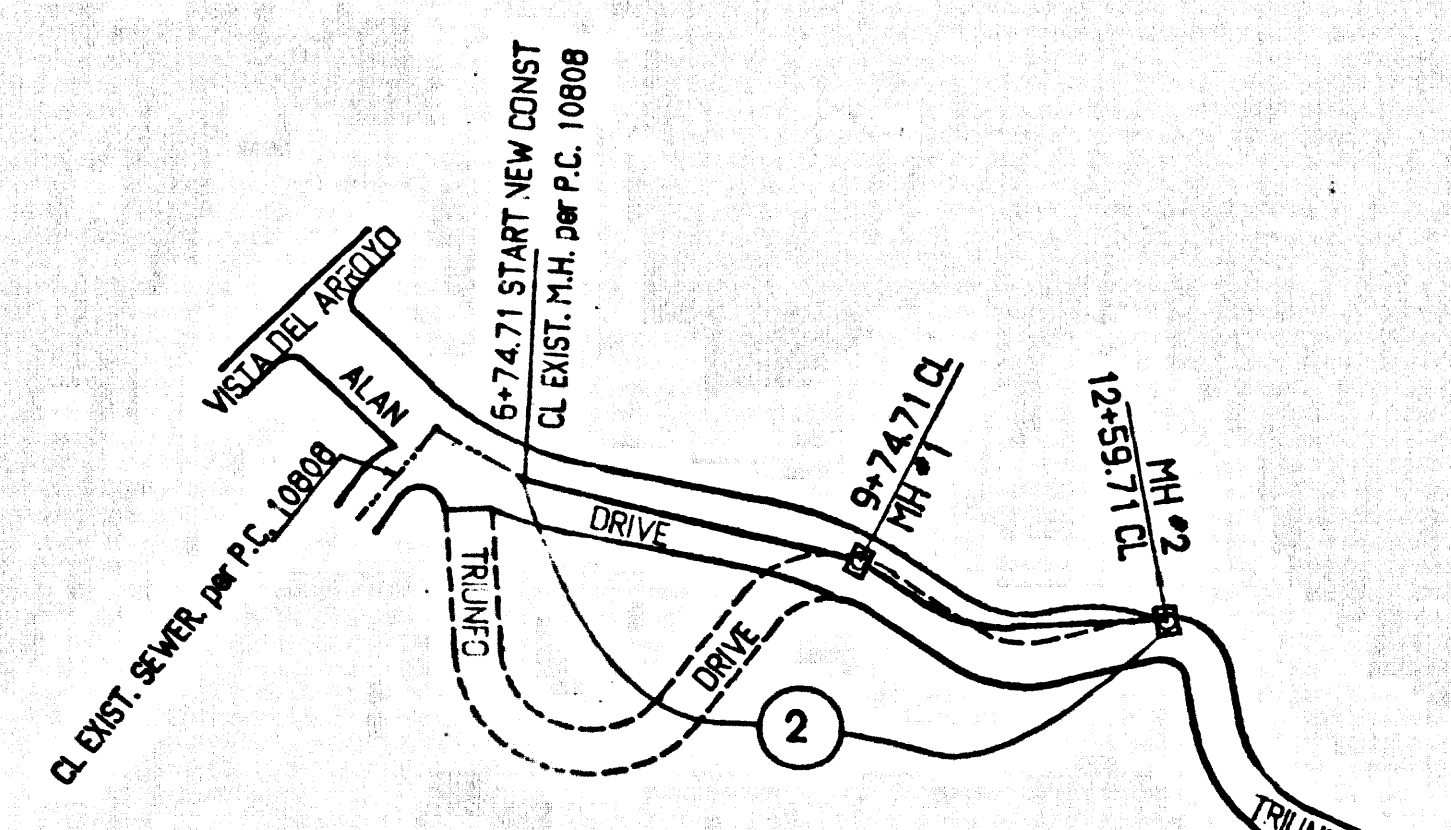


**BENCH MARKS**  
 BM TBM-1 Elev. 836.71  
 CENTER OF SANITARY SEWER MANHOLE COVER IN ALAN DRIVE  
 AT STATION 6+74.71 AS SHOWN ON PAGES OF THE SANITARY  
 SEWER PLANS FOR TRACT NO. 34833, APPROVED 11/29/1999



NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER

ALAN / TRIUNFO DR.  
**INDEX MAP**  
 SCALE: 1" = 200'  
 P.C. 11499  
 THOMAS GUIDE PAGE: 587 (2/3)

| 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, roads, area drains, natural drainage courses, or ditches.
- Sedimentation basins 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 catch concrete residue on the spill tray and 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 disposed 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 prevent sediment from being deposited into the public way. Accidental deposits must be swept up immediately and may not be washed down by rain or other means.
- Any slopes with disturbed soil or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

- |   |  |
|---|--|
| CA001 - DEWATERING OPERATIONS               | ESC10 - REDDING AND PLANTING             |
| CA002 - PAVING OPERATIONS                   | ESC11 - PAUCING                          |
| CA003 - STRUCTURE CONSTRUCTION AND PAINTING | ESC12 - SODDING AND MATS                 |
| CA010 - MATERIAL DELIVERY AND STORAGE       | ESC21 - DUST CONTROL                     |
| CA020 - SOIL MANAGEMENT                     | ESC22 - TEMPORARY STREET CLOSINGS        |
| CA021 - HAZARDOUS WASTE MANAGEMENT          | ESC23 - CONSTRUCTION ROAD STABILIZATION  |
| CA022 - CONCRETE WASTE MANAGEMENT           | ESC24 - STABILIZED CONSTRUCTION ENTRANCE |
| CA023 - SANITARY/SERPE WASTE MANAGEMENT     | ESC24 - STORM DRAIN INLET PROTECTION     |
| CA024 - CONCRETE AND EQUIPMENT CLEANING     |  |
| CA031 - VEHICLE AND EQUIPMENT FUELING       |  |
| CA032 - PRESERVATION OF EXISTING VEGETATION |  |

**STANDARD PLANS:**  
 THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE FOLLOWING DEPARTMENT SHALL APPLY TO THE CONSTRUCTION OF THE PROJECT.  
 LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS  
 APMA 208-B BREAKING INTO EXISTING MANHOLES  
 APMA 222-B HOUSE CONNECTION SEWER  
 APMA 223-B HOUSE CONNECTION RIGID PIPE  
 2000-01 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS  
 2011-01 DESIGN FOR SEWER PIPES  
 2024-01 W/1 OR 2 SUPPORT  
 2027-01 ALLOWABLE TRENCH WIDTHS

**PRIVATE CONTRACT SEWER GENERAL NOTES**

- The following general notes are to be indicated 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, 300 South Fremont Avenue, 8th Floor, Alhambra, at least 72 hours prior to starting work under the permit. Copies of all other required permits, such as those from the California Department of Public Works, shall be filed with the permit application.
  - Prior to issuance of any permit, the contractor shall file a permit for record with the State of California Division of Industrial Safety, and a Certificate of Workers Compensation Insurance with the Department of Public Works as required by the California Labor Code to be effective prior to commencement of work.
  - If work is done on a State Highway, a permit must be obtained from the State of California Division of Highways, 1200 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 Sewer Systems" and shall be provided 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 "Tributary Public Safety Requirements" as shown on Los Angeles Department of Public Works Standard Plans.
  - Elevations are in feet above U.S.C. & G.S. sea level datum of 1929.
  - No revisions shall be made to 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 the 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 plans at all points between construction points. The grade shall be established so as to conform to a straight line between and designated points.
  - The private engineer shall comply with the Department of Public Works with grade sheets and stationing for all house laterals and "T" or "Y" branches and shall provide stationing for them at their proper locations with the sewer main. All house laterals shall be constructed in a straight alignment at right angles from the main sewer except as shown on the plans. House laterals from driveways shall not have an angle of less than 45 degrees with the P.L. sewer. Any change in alignment shall be indicated 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.

**CONSTRUCTION NOTES**

- Provide survey stakes on the property line properly laid out at right angles to the sewer line at the centerline of each manhole.
- Verified city pipe joints shall be type "T" or "Y" per standard specifications section 200-2.
- If a connection is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case I, two feet on each side from the point of connection.
- All joints between cast iron pipe and verified city shall be made with a rubber sleeve joint, type "T" (with bushing if necessary) per standard specifications section 200-2.
- House laterals to be constructed with laterals at the property line 5 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 (C.P. sewer which is not indicated on the plans, the sewer shall be encased per standard plan S-23, case I, unless otherwise approved by the Director of Public Works.
- All structures shall be other than sewer manholes per standard plan S-23 or present concrete sewer manholes per standard plan S-23, or reinforced concrete manholes per standard plan S-24, except as noted.
- Reinforce all trenches within present areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permits.
- Full compliance with section 306-1.3.4 of the standard specifications shall be required for best fit street certification of sewer connection and encasement by a qualified civil engineer and be provided by the permittee prior to the issuance of a certificate of permit acceptance.
- All basins and the outside of the street right of way shall be connected to 90% of the maximum density as determined by AP77 and computation used in 1957-78 method. The shall be certified by a qualified civil engineer. The certification shall be submitted to the Construction Division of the Department of Public Works prior to the acceptance of the work by the county.
- Perforate pipe in unimproved rights of way to be six inches above finished grade.
- Sewers to be located for setbacks per section 306-1.4 of the standard specifications and special provisions.
- D.P.W. Form 200-2 (Rev. 12/24/04) V.P.P.

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

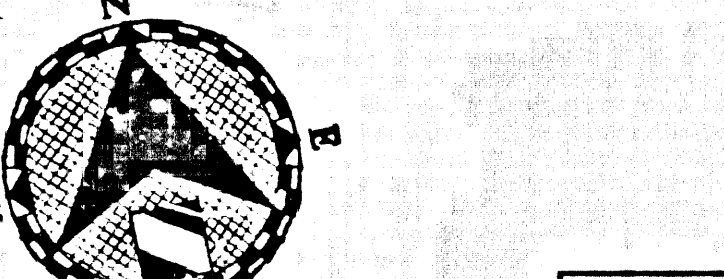
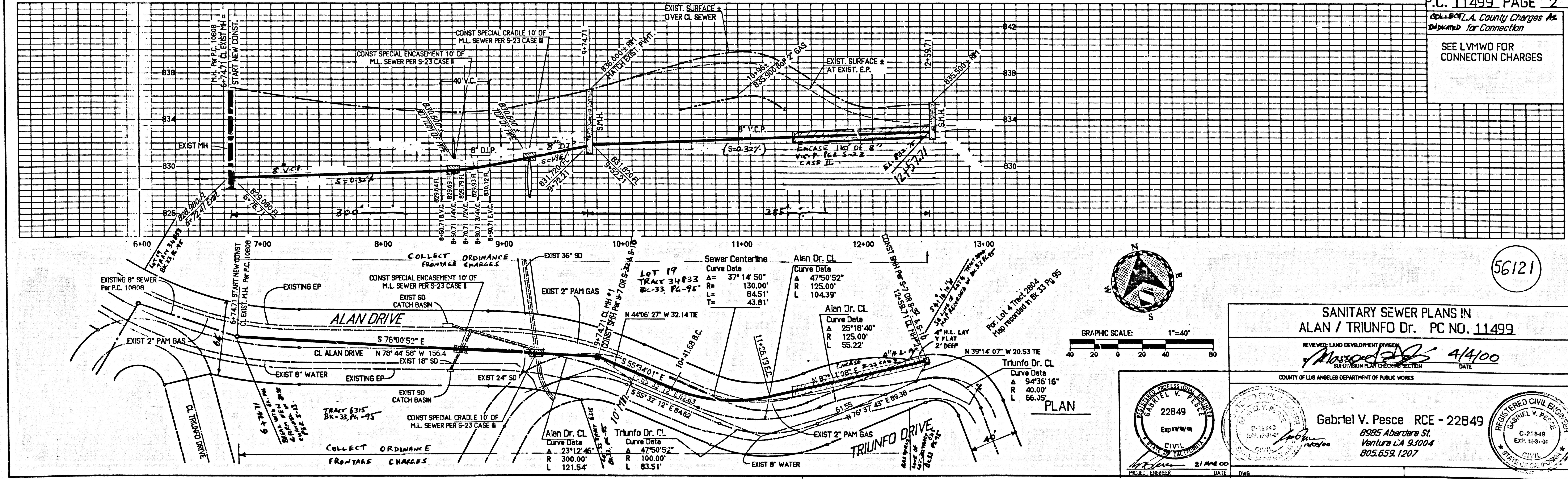
TO BE CONSTRUCTED IN  
 ALAN DR. & TRIUNFO DR. PC NO. 11499  
 1 SHEET: 2 PAGES; INDEX 106Z  
 COUNTY OF LOS ANGELES, CALIFORNIA

HARRY W. STONE DIRECTOR OF PUBLIC WORKS  
 APPROVED: LAND DEVELOPMENT DIVISION  
 BY: [Signature] DATE: [Blank]  
 SUBMITTED BY: [Signature] DATE: [Blank]

APPROVED: LAS VEGINES MUNICIPAL WATER DISTRICT (56120)

BY: [Signature] DATE: 4/24/00  
 BRAM WATTS III

**PRIVATE ENGINEERS NOTICE TO CONTRACTORS:**  
 THE EXISTENCE, 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. THESE ARE NOT 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 THE DRAWINGS. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 1-800-424-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL THE RAY COMPANY OF GENERAL TELEPHONE COMPANY AT 1-800-548-8073 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.  
 GABRIEL V. PESCE RCE - 22849 1/25/2000 DATE



GRAPHIC SCALE: 1" = 40'  
 0 20 40 80

P.C. 11499 PAGE 2  
 COLLECT L.A. County Charges As Indicated for Connection  
 SEE LMWD FOR CONNECTION CHARGES

(56121)

**SANITARY SEWER PLANS IN  
 ALAN / TRIUNFO DR. PC NO. 11499**

REVISED LAND DEVELOPMENT DIVISION  
 [Signature] 4/14/00  
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

GABRIEL V. PESCE RCE - 22849  
 8585 Alhambra St.  
 Ventura CA 93004  
 805.659.1207

REGISTERED CIVIL ENGINEER  
 GABRIEL V. PESCE  
 C-22849  
 EXP. 12-31-01

DATE: [Blank]