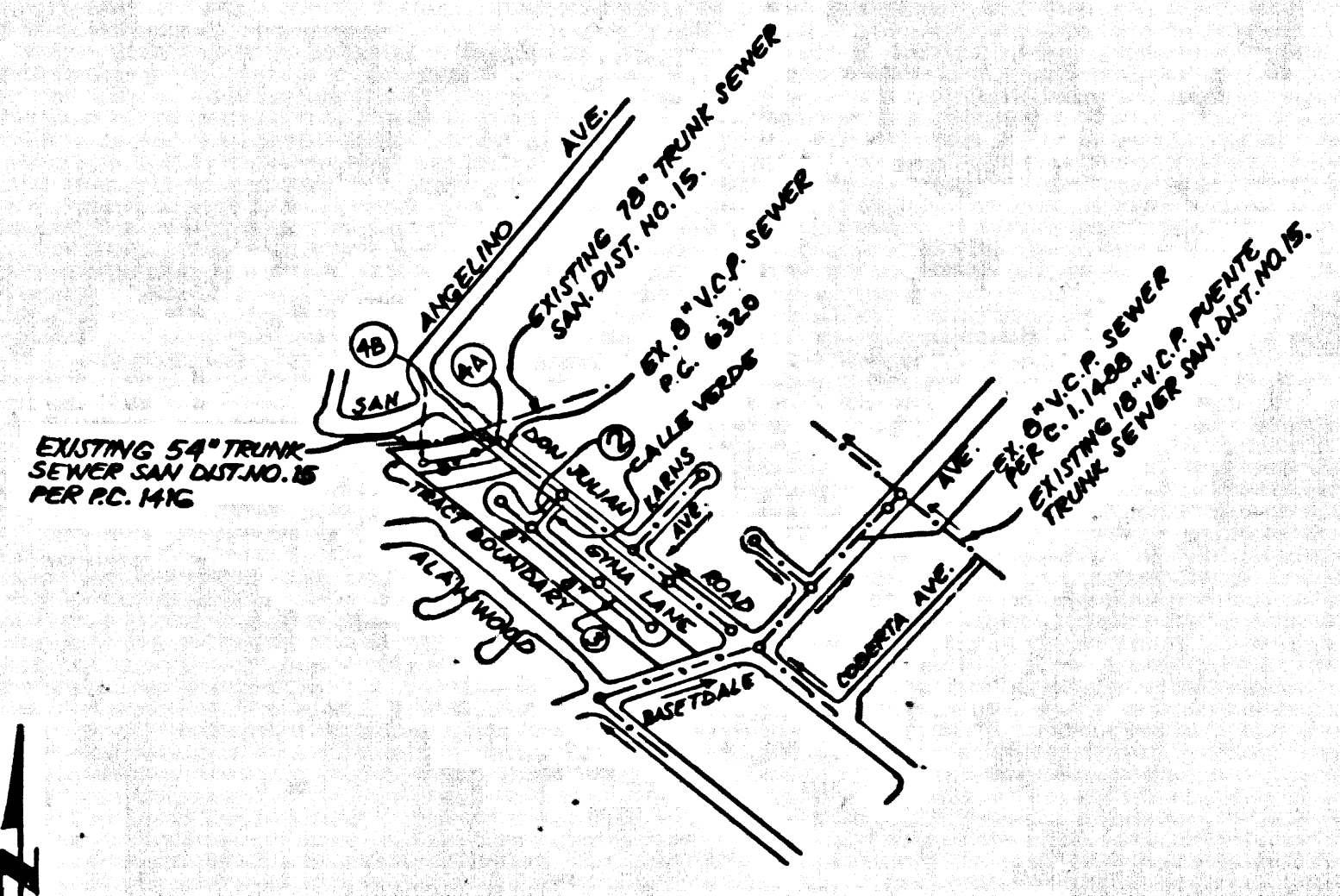


**BENCH MARKS**  
 BM G 4057 Elev. 279.471  
 147 IN S. CB. 61 M S/O E. DON JULIAN ROAD 4  
 45.1 M E/O E. PROD. SANTA MARIANA AVENUE 41 W/O  
 E.F.C. CH  
 BASELINE QUAD 1999



NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS  
 TRACT NO. 53439  
 THOMAS QUAD PAGE: 637-G-4

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1	SEWER LATERAL ALIGNMENT FOR LOTS 7 TO 9 CHANGED DUE TO STORM DRAIN ENCLOSURE.	John B. Abell	[Signature]	12/19/02
2	ADDED B.D.P. SEWER AND B.V.C.P. SEWER TO SERVICE LOTS 7 THROUGH 9. PAGE 448 IS REVISED REV. NO. 1, REVISED NO. 2.	John B. Abell	[Signature]	9/11/03

**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 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 vented into the drainage system.
- Excess or waste concrete may not be washed into the public, city or any other drainage system. Provisions shall be made to retain concrete washes 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 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. Additional provisions must be made to inhibit erosion 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               | ESC10 - SEEDING AND PLANTING             |
| CA002 - PAVING OPERATIONS                   | ESC11 - MULCHING                         |
| CA003 - STRUCTURE CONSTRUCTION AND PAINTING | ESC12 - GEOTEXTILES AND MATS             |
| CA010 - MATERIAL DELIVERY AND STORAGE       | ESC21 - DUST CONTROLS                    |
| CA020 - SOLID WASTE MANAGEMENT              | ESC22 - TEMPORARY STREAM CROSSING        |
| CA021 - HAZARDOUS WASTE MANAGEMENT          | ESC23 - CONSTRUCTION ROAD STABILIZATION  |
| CA022 - CONCRETE WASTE MANAGEMENT           | ESC24 - STABILIZED CONSTRUCTION ENTRANCE |
| CA024 - SANITARY/SEPTIC WASTE MANAGEMENT    | ESC25 - STORM DRAIN INLET PROTECTION     |
| CA033 - CONCRETE WASTE MANAGEMENT           | ESC26 - STORM DRAIN INLET PROTECTION     |
| CA034 - SEWERAGE EQUIPMENT CLEANING         | ESC27 - STORM DRAIN INLET PROTECTION     |
| CA035 - VEHICLE AND EQUIPMENT FUELING       |  |
| CA036 - VEHICLE AND EQUIPMENT MAINTENANCE   |  |
| CA037 - SCHEDULING                          |  |
| ES002 - 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 208-1 BREAKING INTO EXISTING MANHOLES  
 APWA 222-1 HOUSE CONNECTION REMODELING  
 APWA 223-1 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS.  
 2000-0 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS.  
 2021-1 BRIDGING FOR SEWER PIPE  
 2024-1 W/E OR T/E SUPPORT  
 2027-1 ALLOWABLE TRENCH WIDTHS  
 2028-1 PERCENT CONCRETE UNGULLOW MANHOLE  
 2003-2 CRADLING AND ENCLOSUREMENT

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.

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 (626) 952-8605 SO THAT REQUIRED INSPECTION 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 work to be 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 as 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 scope.
  - 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 presented only in the presence of the Department of Public Works.
  - The contractor's attention is directed to Section 7-10.6.1 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 1928.
  - No revisions shall be made in these plans without the approval of the Director of Public Works.
  - No representation 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 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 plainly marked. 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 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**

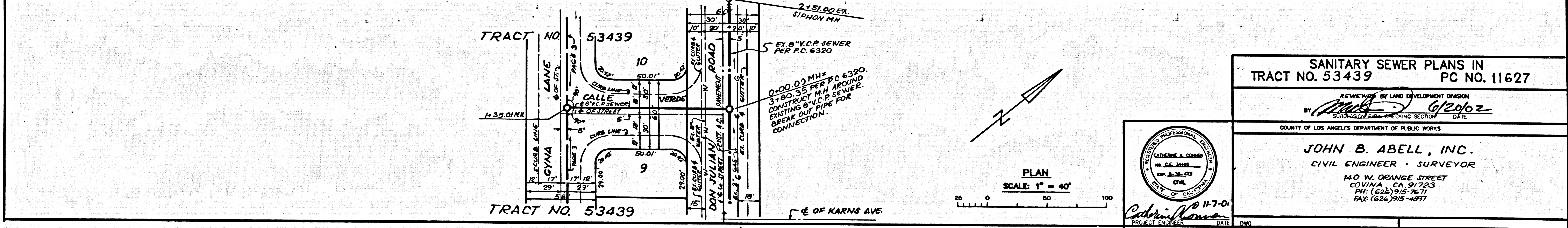
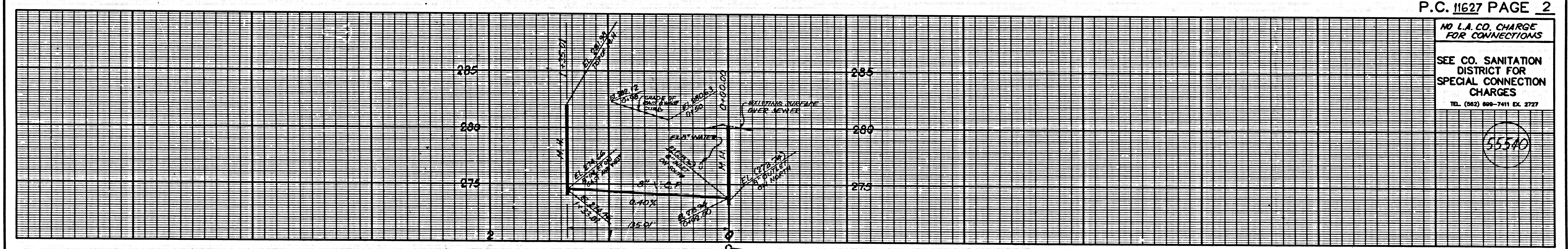
- Provide survey stakes on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.
- Verified steel pipe joints shall be type "D" or "T" per standard specifications section 208-2.
- If a pipe is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case A, two feet on each side from the point of interference.
- All joints between cast iron pipe and verified only 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 laterals at the property line 8 feet below curb grade except as noted.
- Wye or tee branches may be used for connections to the main 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 pipes 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-4, except as noted.
- Reinforce all trenches within paved areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permits.
- Full compliance with section 308-13.4 of the standard specification will be required for backfill in street certification of backfill composition and test specimens by a qualified civil engineer shall be provided by the permittee prior to the issuance of a certificate of partial acceptance.
- All backfill and the 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 method unless otherwise specified. This shall be certified by a qualified civil engineer.
- All backfill and the 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 method unless otherwise specified. This shall be certified by a qualified civil engineer.
- Manhole tops in unimproved rights of way to be six inches above finished grade.
- Sewers to be tested for leakage per section 308-17.4 of the standard specifications and special provisions.

**PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
 TRACT NO. 53439; INDEX-2124 PC NO. 11627  
 2 SHEETS: 4 PAGES  
 COUNTY OF LOS ANGELES CALIFORNIA

JAMES E. NOYES DIRECTOR OF PUBLIC WORKS  
 APPROVED BY: LAND DEVELOPMENT DIVISION  
 BY: Dennis F. Hunter 6/20/02 ASSISTANT DIVISION ENGINEER DATE  
 SUBMITTED BY: [Signature] 6/20/02 SUPERVISOR PLANNING SECTION DATE

APPROVED: COUNTY SANITATION DISTRICT  
 JAMES F. STAHAL - CHIEF ENGINEER and GENERAL MANAGER  
 COUNTY SANITATION DISTRICT NO. 15  
 BY: [Signature] DATE: 7/1/02  
 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 EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 1-800-425-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL THE RAY CHAMBERS OF GENERAL TELEPHONE COMPANY AT 1-805-348-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.  
 [Signature] 11-7-01  
 RCE NO. 34495 DATE



**SANITARY SEWER PLANS IN TRACT NO. 53439 PC NO. 11627**  
 REVIEWED BY LAND DEVELOPMENT DIVISION  
 BY: [Signature] 6/20/02  
 SUPERVISOR PLANNING SECTION DATE  
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
 JOHN B. ABELL, INC.  
 CIVIL ENGINEER - SURVEYOR  
 140 W. ORANGE STREET  
 COVINA, CA 91723  
 PH: (626) 915-7571  
 FAX: (626) 915-4891  
 PROJECT ENGINEER DATE DWG

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