

BENCH MARKS
 BM G-2271 Elev. 375.249
 COUNTY SURVEYOR MONUMENT IN WELL AT CENTERLINE INTERSECTION OF LOMITAS AVENUE AND FOURTH AVENUE MARKED "PUENTE AB 1956"

Per Title 20.24.140 of L.A. County Code, obstructing access to sewer facilities is prohibited. No object difficult to remove shall be located over the sewer easement(s) as to interfere with ready access to sewer facilities.

- STORMWATER POLLUTION PLAN NOTES**
- Eroded sediments and other pollutants must be retained on site and may not be transported from the site via sheetflow, swales, 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 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.
 - 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 with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.
 - Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.
 - The following BMPs as outlined in, but not limited to, the "Best Management Practice Handbook, California Stormwater quality task force, Sacramento, California, 2003", or the latest revised edition, may apply during the construction of this project (Additional measures may be required if deemed appropriate by county inspectors):

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| EROSION CONTROL | WIND EROSION CONTROL | WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL |
| EC-1 Scheduling | WE-1 Wind Erosion Control | WM-1 Material Delivery and Storage |
| EC-2 Preservation of Existing Vegetation | WE-2 Material Use | WM-2 Material Use |
| EC-3 Hydraulic Mulch | NS-1 Water Conservation Practices | WM-3 Stockpile Management |
| EC-4 Hydroseeding | NS-2 Decontaminating Operations | WM-4 Spill Prevention and Control |
| EC-5 Soil Binders | NS-3 Paving and Grinding Operations | WM-5 Solid Waste Management |
| EC-6 Straw Mulch | NS-4 Temporary Stream Crossing | WM-6 Hazardous Waste Management |
| EC-7 Geotextiles and Mats | NS-5 Clear Water Diversion | WM-7 Contaminated Soil Management |
| EC-8 Wood Mulching | NS-6 Erosion Protection in steep slopes | WM-8 Concrete Waste Management |
| EC-9 Earth Dikes and Drainage Swales | NS-7 Potable Water/Irrigation | WM-9 Sanitary/Septic Waste Management |
| EC-10 Velocity Dissipation Swales | NS-8 Vehicle and Equipment Cleaning | WM-10 Liquid Waste Management |
| EC-11 Slope Drains | NS-9 Vehicle and Equipment Fueling | |
| EC-12 Streambank Stabilization | NS-10 Vehicle and Equipment Maintenance | |
| EC-13 Polyethylene | NS-11 Pipe Driving Operations | |
| | NS-12 Concrete Curing | |
| | NS-13 Concrete Finishing | |
| | NS-14 Material Over Water | |
| | NS-15 Demolition Adjacent to Water | |
| | NS-16 Temporary Bath Plants | |
| TEMPORARY SEDIMENT CONTROL | EQUIPMENT TRACKING CONTROL | |
| SE-1 Silt Fence | IR-1 Stabilized Construction Entrance/Exit | |
| SE-2 Sediment Basin | IR-2 Stabilized Construction Roadway | |
| SE-3 Sediment Trap | IR-3 Entrance/Outlet Tire Wash | |
| SE-4 Check Dams | IR-4 Chemical Treatment | |
| SE-5 Fiber Rolls | | |
| SE-6 Gravel Bag Berm | | |
| SE-7 Street Sweeping and Vacuuming | | |
| SE-8 Sandbag Barrier | | |
| SE-9 Straw Bale Barrier | | |
| SE-10 Storm Drain Inlet Protection | | |
| SE-11 Chemical Treatment | | |

- B. 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. | 2021-1 Bedding for sewer pipe. |
| 2002-1 Precast concrete shallow manhole. | 2023-2 Cracking and encasement. |
| 2003-2 Reinforced precast concrete manhole. | 2024-1 W/E or TEE support. |
| 2004-1 Rectangular shallow manhole. | 2026-1 Erosion protection in steep slopes. |
| 2014-1 Rectangular manhole frame and cover. | 2027-1 Allowable trench widths. |
| 2015-1 Standard manhole step. | 6008-1 Minimum public safety requirements. |
| | 2100-1 Requirement's for sanitary sewers near water mains. |
| STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC) | |
| 207-2 Precast reinforced concrete manhole base | 221-2 Pipe anchors and backfill stabilizers |
| 208-2 Breaking into existing manholes | 222-2 House connection sewer |
| 210-3 Manhole frame and cover locking type | 223-2 House connection remodeling |
| 220-3 Chimneys | 225-2 Blotnet protection for pipes |

- COUNTY SANITATION DISTRICTS (CSD) NOTES:**
- 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 CSD for said connection.
 - Before breaking into a CSD sewer or manhole, and prior to final acceptance of the project, a CSD inspector shall be notified by telephone at (626) 952-8605 so that required inspection can be made.

Any damage to the sewer line shall be the responsibility of the contractor/owner. All grading and construction occurring over and the vicinity of the existing sewer shall be performed in the presence of a County inspector. Where applicable, the sewers shall be protected per Std. Plan 2023-2 at all significant crossings.

PRIVATE CONTRACT SEWER GENERAL NOTES
 The following general notes are to be included on Page 1 of all Private Contract Sewer Plans:
 1. A sewer construction permit shall be obtained and a fee paid for construction inspection and record plans to the County of Los Angeles Department of Public Works, City Engineer for the City of _____ at the Permit Counter, 290 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.
 2. 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 County of Los Angeles Department of Public Works, City Engineer for the City of _____ shall be notified 30 days prior to cancellation of the insurance policy.
 3. 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.
 4. 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.
 5. The contractor shall contact the district office listed on the "Application for Construction Permit" to arrange for an acceptable construction start date.
 6. Approval of this plan by the County of Los Angeles Department of Public Works, City Engineer for the City of _____ 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 pages.
 7. All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction", including supplements (if there is any), the latest "Additions and Amendments to the Standard Specifications for Public Works Construction" and the latest "Special Provisions for the Construction of Sanitary Sewer" and shall be prosecuted only in the presence of the County of Los Angeles Department of Public Works.
 8. 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 6008-1.
 9. Elevation are in feet above U.S.C. & G.S. sea level datum of 1988.
 10. No revisions shall be made in these plans without the approval of the County of Los Angeles Department of Public Works, City Engineer for the City of _____.
 11. No representative of the County of Los Angeles Department of Public Works, City Engineer for the City of _____ will survey or lay out any portion of the work.
 12. 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 to a straight line drawn between said design points.
 13. The private engineer shall furnish the County of Los Angeles Department of Public Works, City Engineer for the City of _____ with grade sheets and stationing for all house laterals and 1" horizontal and 1/4" vertical profiles for all manholes and shall provide slopes 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 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.
 14. 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.
 15. An approved backwater valve is required when the pad is lower in elevation than the top of the next upstream manhole.
 16. Contact Environmental Programs Division for industrial waste discharge permit: (626) 458-3517

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.
- Vitrified clay pipe joints shall be type "D" or "G" per "Standard Specifications for Public Works Construction" Section 208-2.
- If a power pole 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 vitrified 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 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 mainline or house lateral V.C.P. sewer which is not indicated on the plans, the pipes shall be encased per LACDPW standard plan 2023-2, Case II, unless otherwise approved by the County of Los Angeles Department of Public Works, City Engineer for the City of _____.
- All structures shall be either 6" x 6" sewer manholes per LACDPW standard plan S-3 (SPPWC 203-0), or precast concrete sewer manholes per LACDPW standard plan S-26 (SPPWC 200-2), or reinforced precast concrete manhole per LACDPW standard plan 2003-2, except as noted.
- Resurface all trenches within paved areas to meet the Department of Public Works or California State Highway requirements in accordance with the permits.
- Full compliance with Section 306-1.3 of the "Standard Specifications for Public Works Construction" will be required for backfill in street. Certification of backfill, compaction, 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 2-1557-78 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 tested for leakage per section 306-1.4 of the "Standard Specifications for Public Works Construction" and "Special Provisions for the Construction of Sanitary Sewer" if applicable.
- Manhole tops in improved rights of way to be level with finished grade.
- All wyes and/or house laterals are to be located at least 5' apart and when possible not closer than 5' to any manhole.
- All pipe materials shall be vitrified clay pipe or ductile iron pipe or other approved materials by the County of Los Angeles Department of Public Works, City Engineer for the City of _____.

NOTICE TO CONTRACTOR:

- MAINTAIN SEWER FLOW AT ALL TIMES DURING CONSTRUCTION.
- FULL VIDEO OF ALL SEGMENTS SHALL BE SUBMITTED PRIOR TO PARTIAL FIELD ACCEPTANCE (90%) AND COMPLETED FIELD ACCEPTANCE (90%). FINAL MAP AND AS-BUILT SEWER PLANS SHALL BE SUBMITTED PRIOR TO PARTIAL FIELD ACCEPTANCE.
- SEWER LATERALS SHOWN ON PLANS ARE FOR REFERENCE ONLY.

The developer shall be responsible for the continued maintenance of PCXXXXX sanitary sewer until the County formally accepts it for maintenance. All manholes, manholes and laterals shall be protected from damage and infiltration.

PROFILE, ALIGNMENT, AND GRADE OF SANITARY SEWERS TO BE CONSTRUCTED IN PAGE 1

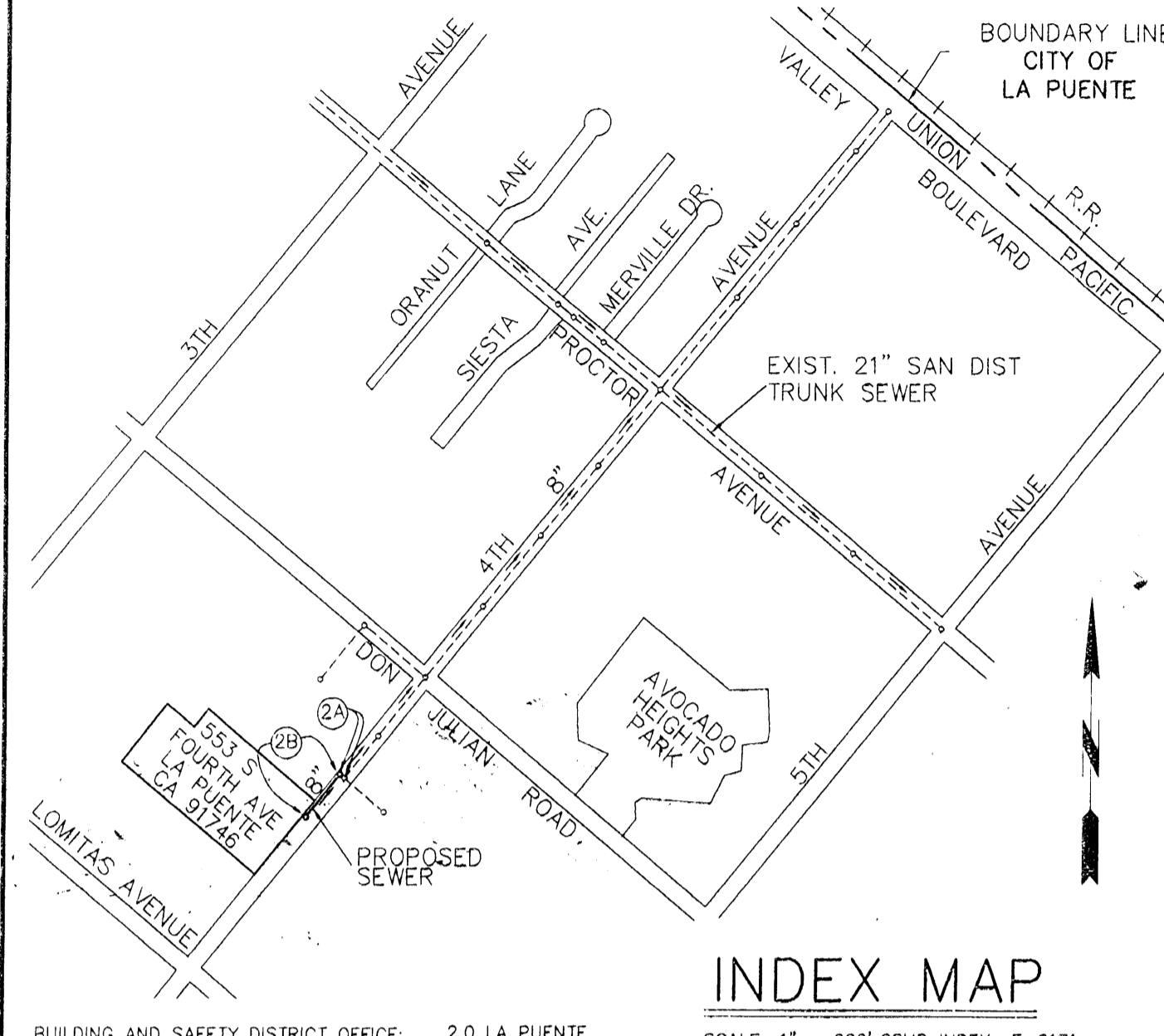
4TH AVENUE SOUTH OF DON JULIAN ROAD PC NO. 12153
 1 SHEETS: 2 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 CSMD INDEX E-2171

GAIL FARBER *DIRECTOR OF PUBLIC WORKS OR CITY ENGINEER
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY: [Signature] 11/23/11 DATE
 ASSISTANT DIVISION ENGINEER
 SUBMITTED BY: [Signature] 11/23/11 DATE
 SEWER AND WATER / LANDSCAPING SUBDIVISION PLAN CHECKING SECTION

12 COUNTY SANITATION DISTRICT NO. 15
 OF LOS ANGELES COUNTY, CALIFORNIA
 STEPHEN R. MAGUIRE - CHIEF ENGINEER and GENERAL MANAGER
 APPROVED BY: [Signature] DATE: 11-23-2011
 SERVICE ENGINEER

RECORD PLANS

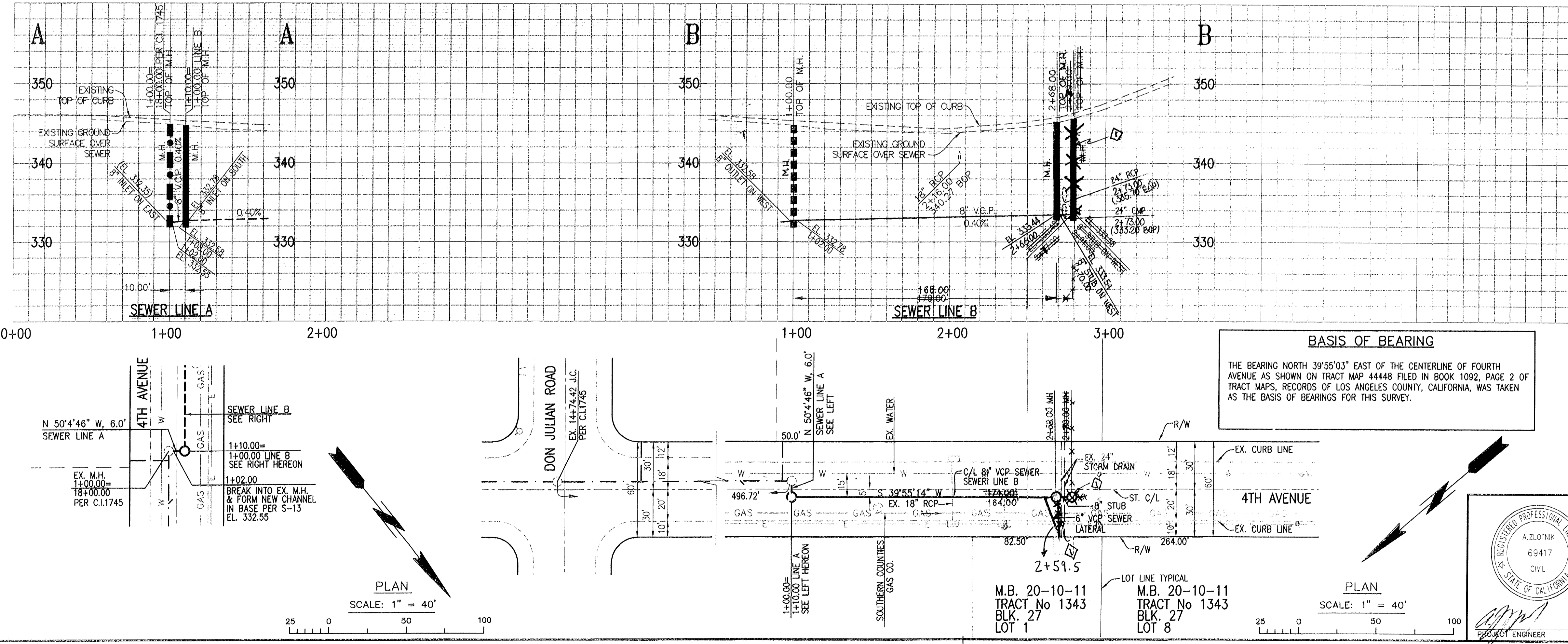
PRIVATE ENGINEERS NOTICE TO CONTRACTORS:
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS REQUIRED BY SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP. THIS CONTRACTOR IS REQUIRED TO 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 1-800-824-1313 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CUMMINGS OF GENERAL TELEPHONE COMPANY AT 1-805-444-4971 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.
 PROJECT ENGINEER: 69417 RCE NO DATE: 11-14-11



BUILDING AND SAFETY DISTRICT OFFICE: 2.0 LA PUENTE SCALE: 1" = 600' CSMD INDEX E-2171
 NOTES: NUMBER IN CIRCLE INDICATES PAGE NUMBER. ALL MAINLINE SANITARY SEWERS ARE WITHIN THE SANITARY SEWER EASEMENT.
 P.C. 12153 TR. NO. EXISTING SINGLE LOT THOMAS GUIDE PAGE: 637, H6

NO.	REVISION	REVISED BY	APPROVED BY	DATE

PS006680 **RECORD PLANS**



PLAN
 SCALE: 1" = 40'

P.C. 12153 PAGE 2
 NO. L.A. Co. DPW CHARGES FOR CONNECTIONS
 SEE COUNTY SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (562) 908-4288 EX. 2727
 DOUBLE SCALE

BASIS OF BEARING
 THE BEARING NORTH 39°55'03" EAST OF THE CENTERLINE OF FOURTH AVENUE AS SHOWN ON TRACT MAP 44448 FILED IN BOOK 1092, PAGE 2 OF TRACT MAPS, RECORDS OF LOS ANGELES COUNTY, CALIFORNIA, WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS SURVEY.

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1	REVISE (SHORTEN) PROPOSED 8" MAINLINE SEWER AT STATION 2+79 IN PLAN AND PROFILE TO AVOID CONFLICT WITH EXISTING 24" STORM DRAIN	[Signature]	[Signature]	12/28/11

SANITARY SEWER PLANS IN 4TH AVE. SOUTH OF DON JULIAN RD. PC NO. 12153
 REVIEWED BY LAND DEVELOPMENT DIVISION
 BY: [Signature] DATE: 11/23/11
 SEWER AND WATER / LANDSCAPING SUBDIVISION PLAN CHECKING SECTION
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
 *FOR PLAN CHECK REVIEW FOR THE CITY OF

REGISTERED PROFESSIONAL ENGINEER
 A. ZLOTNIK
 69417
 CIVIL
 STATE OF CALIFORNIA
 PROJECT ENGINEER DATE: 11-22-11

TMAD TAYLOR & GAINES
 300 N. LAKE AVENUE, 14TH FLOOR
 PASADENA, CA 91101
 PHONE: 626.463.2800 FAX: 626.463.2801