

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

PARCEL NO. 27143 PC NO. 11941
1 SHEETS: 2 PAGES
COUNTY OF LOS ANGELES CALIFORNIA
INDEX N-1257

DONALD L. WOLFE DIRECTOR OF PUBLIC WORKS
APPROVED BY LAND DEVELOPMENT DIVISION
BY: [Signature] ASSISTANT DIVISION ENGINEER 1/25/07 DATE
SUBMITTED BY: [Signature] SUBDIVISION PLAN CHECKING SECTION 1/25/07 DATE

SANTA CLARITA VALLEY SANITATION DISTRICT
OF LOS ANGELES COUNTY, CALIFORNIA
APPROVED: STEPHEN R. MAGUIN
CHIEF ENGINEER AND GENERAL MANAGER
BY: [Signature] OFFICE ENGINEER DATE: 2/26/07

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 1-800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY DUMMINGS OF GENERAL TELEPHONE COMPANY AT 1-805-948 4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

15 JAN. 07 DATE
RON KOESTER, R.G.E. 4399 EXP. 3-31-08

P.C. 11941 PAGE 2

NO CHARGES FOR LACODPW CONNECTIONS
SEE SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
TEL. (562) 908-4288 EX. 2787
DOUBLE SCALE

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 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 by rain or other means.
- Any slopes with disturbed soils denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

B. 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):

- TEMPORARY SOIL STABILIZATION**
- SS1 Scheduling
 - SS2 Preservation of existing Vegetation
 - SS3 Hydraulic mulch
 - SS4 Hydroseeding
 - SS5 Soil binders
 - SS6 Straw mulch
 - SS7 Geotextiles, plastic covers, & erosion control Blankets/Mats
 - SS8 Wood mulching
 - SS9 Earth dikes/Drainage swales & lined ditches
 - SS10 Outlet protection/velocity dissipation devices
 - SS11 Slope drains
 - SS12 Streambank stabilization
- NON-STORMWATER MANAGEMENT**
- NS1 Water conservation practices
 - NS2 Dewatering operations
 - NS3 Paving and grinding operations
 - NS4 Temporary stream crossing
 - NS5 Clear water diversion
 - NS6 Illicit connection/illegal discharge detection and reporting
 - NS7 Potable water/irrigation
 - NS8 Vehicle and equipment cleaning
 - NS9 Vehicle and equipment fueling
 - NS10 Vehicle and equipment maintenance
 - NS11 Pile driving operations
 - NS12 Concrete curing
 - NS13 Material and equipment use over water
 - NS14 Concrete finishing
 - NS15 Structure demolition/Removal over or adjacent to water
- WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL**
- WM1 Material delivery and storage
 - WM2 Material use
 - WM3 Stockpile management
 - WM4 Soil prevention and control
 - WM5 Solid waste management
 - WM6 Hazardous waste management
 - WM7 Contaminated soil management
 - WM8 Concrete waste management
 - WM9 Sanitary/Septic waste management
 - WM10 Liquid waste management
- TEMPORARY SEDIMENT CONTROL**
- SC1 Silt fence
 - SC2 Sediment/Desilting basin
 - SC3 Sediment trap
 - SC4 Check dam
 - SC5 Fiber rolls
 - SC6 Gravel bag berm
 - SC7 Street sweeping and vacuuming
 - SC8 Sandbag barrier
 - SC9 Straw bale barrier
 - SC10 Storm drain inlet protection
- WIND EROSION CONTROL**
- WE1 Wind erosion control
- TRACKING CONTROL**
- TC1 Stabilized construction entrance/exit
 - TC2 Stabilized construction roadway
 - TC3 Entrance/Outlet throwaway

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 Bedding for sewer pipe.
2021-1 WFE or TEE support.
2024-1 Allowable trench widths.
2027-1 Minimum public safety requirements.
2033-2 Reinforced precast concrete manhole.
2015-1 Standard manhole step.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (APWA)
207-1 Precast reinforced concrete manhole base
208-1 Breaking into existing manholes
210-2 Manhole frame and cover locking type

NOTES:
No connection for the disposal of industrial wastes shall be made to sewers shown on these drawings until a permit for industrial waste water discharge has been issued by the County Sanitation Districts for solid connections.
Before breaking into or constructing a Sanitation Districts' sewer and prior to final acceptance of the project, a Sanitation Districts' inspector shall be notified by telephone at (661) 265-4653 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:
1. 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. The Department of Public Works shall be notified 30 days prior to cancellation 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 this 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 6008-1.
- 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 designed 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 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.
- 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.
- An approved backwater valve is required when the pod is lower in elevation than the top of the next upstream manhole.

CONSTRUCTION NOTES

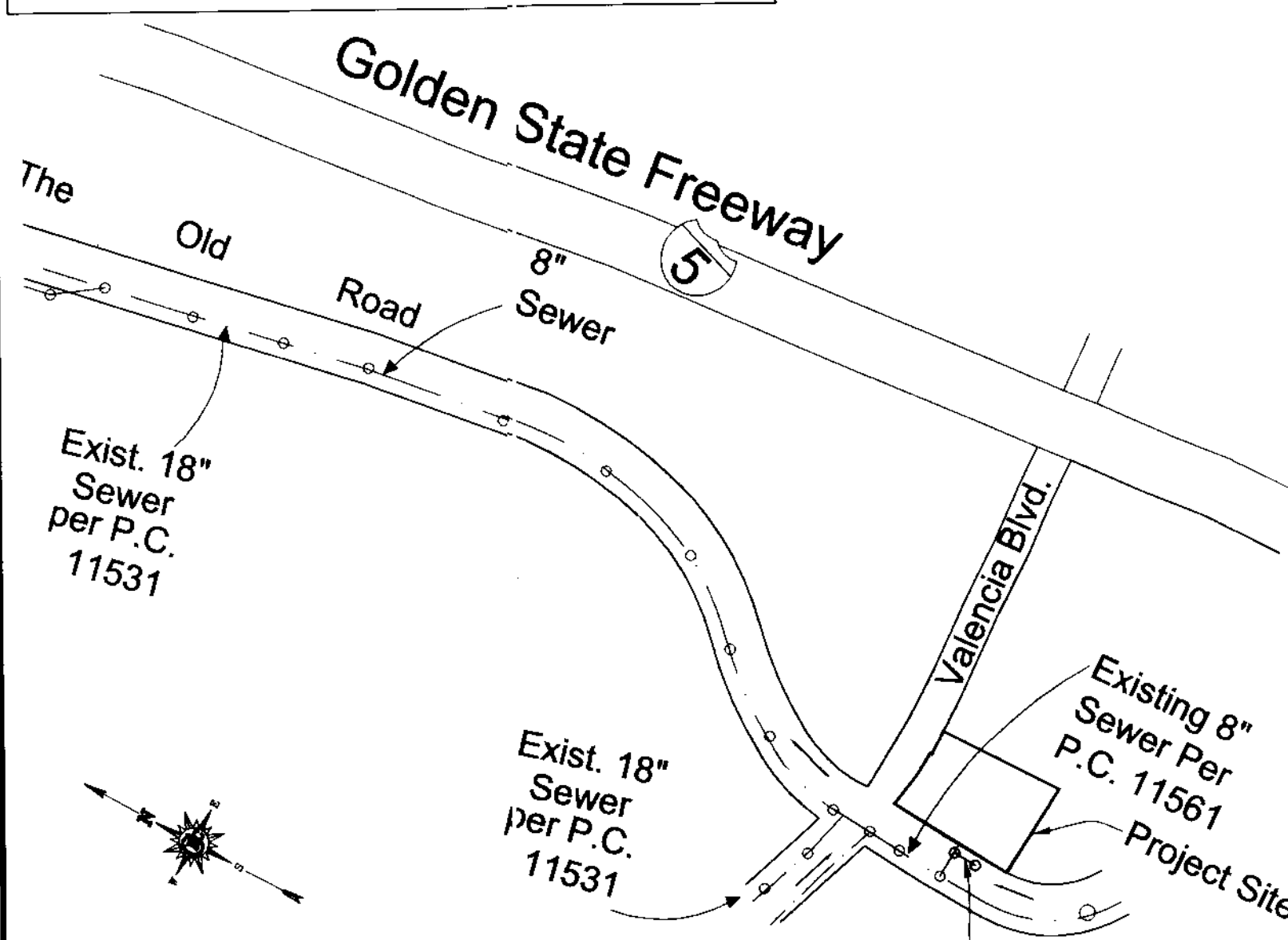
- Provide survey stakes on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.
- Vitrified clay pipe joints shall be type "D" or "G" per "Standard Specifications for Public Works Construction" Section 208-2.
- If a powerpole is within three 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 Director of Public Works.
- All structures shall be either brick sewer manholes per LACDPW standard plan S-3 (APWA 203-0), or precast concrete sewer manholes per LACDPW standard plan S-36 (APWA 200-2), or reinforced precast concrete manhole per LACDPW standard plan 2003-2, except as noted.
- Rearrue 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 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 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 1557-76 method 1, 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".
- Manhole tops in improved rights of way to be level with finished grade.
- All eyes and/or house laterals are to be located at least 5' apart and when possible not closer than 5' to any manhole.

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

AS-BUILT
OCTOBER 6, 2014

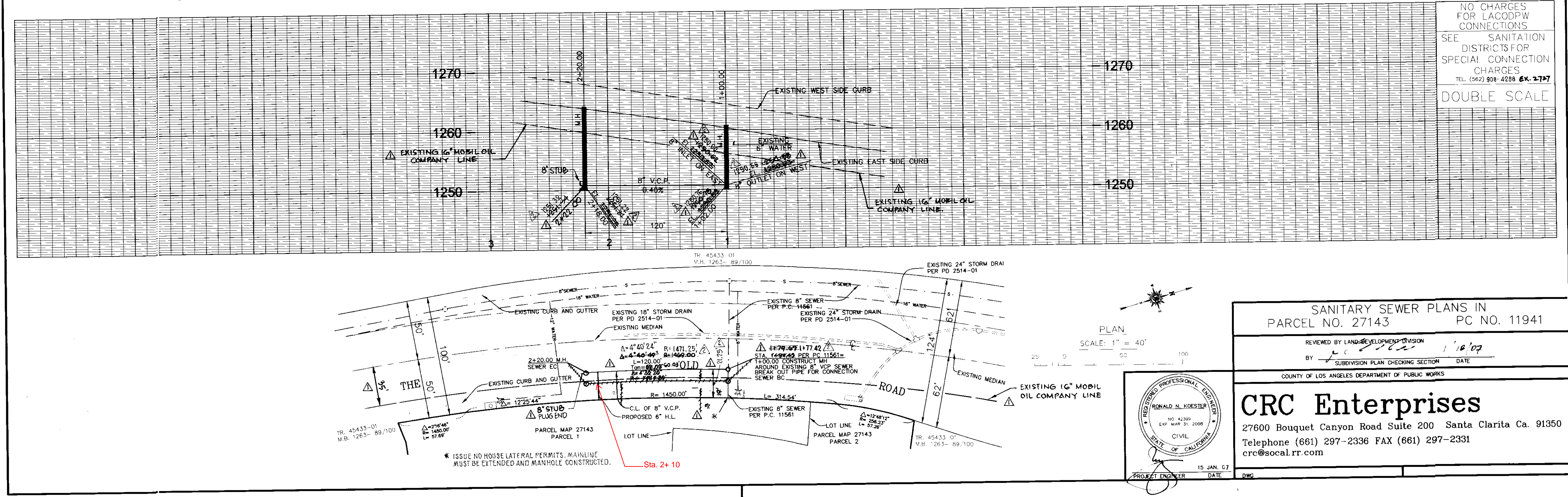


BENCH MARKS
BM L.A. COUNTY B.M. L5402 Elev. 1031.950
RND. HD SPK. TOP OF LOWEST HCWL 24 FT
W/O C/L THE OLD ROAD (W. RDWY) & 0.6
MI S/O HENRY MAYO DR.
NEW HALL QUAD 1995



SCALE: 1" = 600' INDEX N-1257
P.C. 11941 PM 27143
THOMAS GUIDE PAGE: 4550-C4
BUILDING AND SAFETY FIELD OFFICE, SANTA CLARITA

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1	RELOCATE PROPOSED SEWER 19' EAST OF RIGHT OF WAY, AND ADDED 8" STUB.	[Signature]	[Signature]	11/26/06
2	RELOCATE SEWER MAIN EASTERLY AN ADDITIONAL 2.25' DUE TO FIELD CONDITIONS	[Signature]	[Signature]	11/14/07



SANITARY SEWER PLANS IN
PARCEL NO. 27143 PC NO. 11941

REVIEWED BY LAND DEVELOPMENT DIVISION
BY: [Signature] 1/16/07 DATE
SUBDIVISION PLAN CHECKING SECTION

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

CRC Enterprises
27600 Bouquet Canyon Road Suite 200 Santa Clarita Ca. 91350
Telephone (661) 297-2336 FAX (661) 297-2331
crc@socal.rr.com

15 JAN. 07 DATE
PROJECT ENGINEER DATE DWG

