

**INDEX MAP**  
 TRACT NO. 52134-05 P.C. 11395  
 SCALE: 1" = 600'  
 THOMAS GUIDE Pg. L.A. 679/D4  
 NOTE 1. NUMBERS IN CIRCLES INDICATES PAGE NUMBERS.

**PRIVATE CONTRACT SEWER PLAN 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.
- Vertical clay pipe joints shall be type "O" or "U" per Standard Specifications Section, 228-2.
- If a power pole is within three feet of the sewer, the sewer shall be encased per Standard Plan S-23, Case II, two feet on each side from the point of interference.
- All joints between cast iron pipe and vitrified clay pipe shall be made with a rubber seal joint, type "C" or "D" (with bushing if necessary) per Standard Specifications Section 208-2.
- House laterals to be constructed with inverts of the property line 8 feet below curb grade except as noted.
- Wye or tee branches may be used for connections to manholes except as noted.
- 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 U.C.P. sewer which is not indicated on the plans, the pipe shall be encased per Standard Plan S-23, Case II, 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-8, 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 306-1.3.4 of the Standard Specifications will be required for backfill in streets. 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 basins and the outside of street right of way shall be connected to 92% of maximum density as determined by ASTM Soil Compaction Test D 1557-78 method. If other methods are specified, they shall be certified by a qualified civil engineer. This certification shall be submitted to the Director of Public Works prior to acceptance of the work by the County.
- a. Manhole tops in improved rights of way to be six inches above finished grade.  
b. Manhole tops in unimproved rights of way to be level with finished grade.
- Sewers to be tested for leakage per Section 306-1.4 of the Standard Specifications and Special Provisions.

**BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES**

- Eroded sediments and other pollutants must be retained on site and may not be transported from the site via sheetflow, 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 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 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 streets and disposal 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. Accidental discharges 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.
- Other:

**ISSUE NO. HL CONNECTION PERMITS UNTIL OUTLET SEWER P.C. 1880 IS ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES.**

**BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, A SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE AT (626)962-8635 SO THAT REQUIRED INSPECTION CAN BE MADE.**

**PRIVATE CONTRACT SEWER GENERAL NOTES**

- 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 Flood 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 cancellation of policy.
- If work is done in 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 first 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 structures within the limits of this project. This note applies to all projects.
- 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 processed only in the presence of the Department of Public Works personnel (See Pages 46-54 through 48-43 for a copy of the special provisions).
- 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 Requirements" as shown on Los Angeles Department of Public Works Standard S-2 (See Pages 36-40, Chapter 36 of the Land Development Procedure Manual for a copy).
- Elevations are in feet above U.S.C. & G.S. sea level datum of 1929.
- No relocations shall be made in those plans without the approval of the Director of Public Works.
- The 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 designated points. The grade shall be established as to conform to a straight line between said designated points.
- The private engineer shall furnish the Department of Public Works with grade sheets and stationing for all house laterals and U.C.P. branches and shall provide stakes for them at their proper locations with attaching plainly marked. All house laterals shall be shown on the plans. House laterals from driveways shall not have an angle of less than 45 degrees with the L.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.
- The latest revised standard plan or drawing shall be used unless otherwise specifically noted.

**SEWER CONSTRUCTION**

**STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION**

- Show all applicable notes on Attachment A.)
- The following BMP's as outlined in, but not limited to, the Best Management Practice Handbook, California Stormwater Quality Task Force, Sacramento, California 1993, or the latest revised edition, may apply during construction (additional measures may be required if appropriate by County):
 

CA01 - SITEWORK OPERATIONS	CA02 - VEHICLE AND EQUIPMENT MAINTENANCE
CA02 - PAVING OPERATIONS	ES00 - SCHEDULING
CA03 - STRUCTURE CONSTRUCTION AND PAINTING	ES03 - PRESERVATION OF EXISTING VEGETATION
CA05 - MATERIAL DELIVERY AND STORAGE	ES10 - SEEDING AND PLANTING
CA09 - SOIL WASTE MANAGEMENT	ES11 - MULCHING
CA01 - HAZARDOUS WASTE MANAGEMENT	ES08 - GEOTEXTILES AND MATS
CA03 - CONCRETE WASTE MANAGEMENT	ES21 - DUST CONTROLS
CA04 - SANITARY/SEPTIC WASTE MANAGEMENT	ES22 - TEMPORARY STREAM CROSSING
CA01 - WEHICLE AND EQUIPMENT CLEANING	ES23 - CONSTRUCTION ROAD STABILIZATION
CA01 - WEHICLE AND EQUIPMENT FUELING	ES24 - STABILIZED CONSTRUCTION ENTRANCE
	ES04 - STORM DRAIN INLET PROTECTION

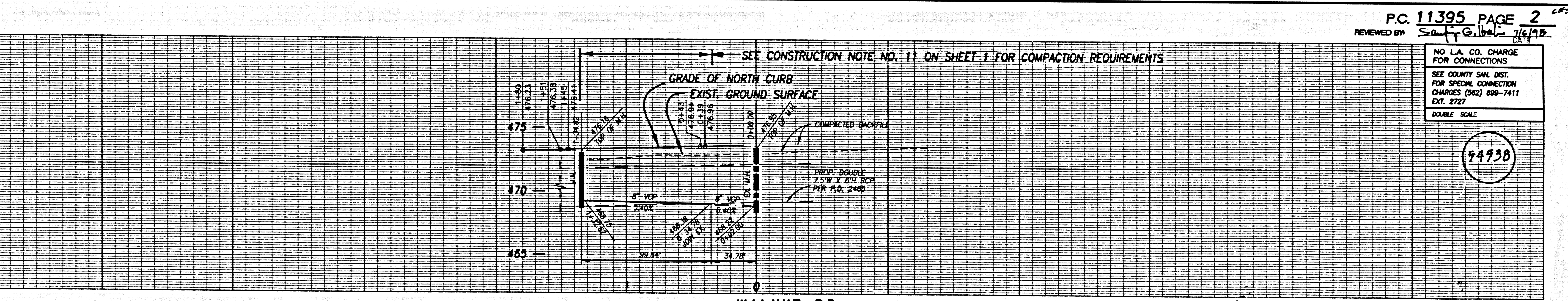
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**TRACT NO. 52134-05**  
**PRIVATE CONTRACT NO. 11395**

INDEX 2305  
 1 SHEET OF 2 PAGES (54937)  
 VERT. 1" = 8'  
 SCALE: HORIZ. 1" = 40' JANUARY, 1998  
 PREPARED IN THE OFFICES OF  
 THE KEITH COMPANIES  
 2955 REDHILL AVE., COSTA MESA  
 CA. 92626  
 BY: *W.K.H. 6-15-98* TEL. NO. (714) 540-0800  
 REG. C.E. No. 55727 EXP. 12/31/00

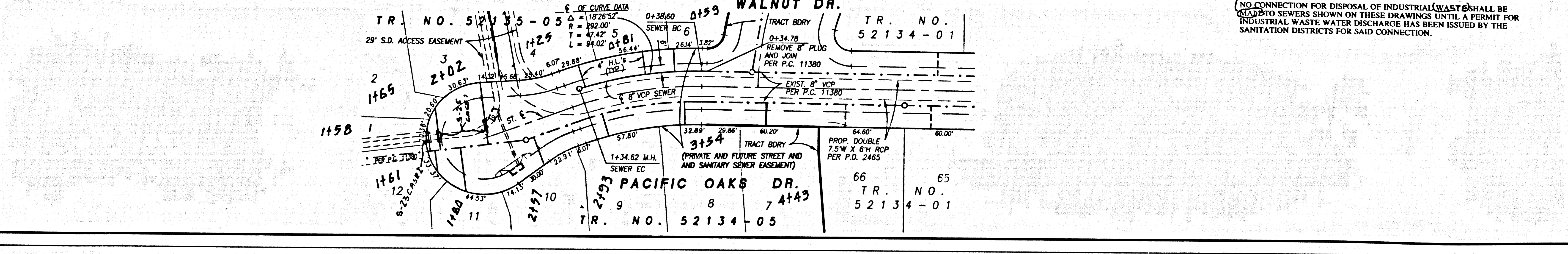
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND	S-1 (2000-0)
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
REINFORCED PRECAST CONCRETE MANHOLE	S-4 (2003-0)
BREAK INTO EXISTING MANHOLE	S-13 (2010-0)
STANDARD MANHOLE STEP	S-17 (2015-0)
BEDDING FOR SEWER PIPE	S-21 (2021-0)
STANDALD AND ENCASMENT	S-23 (2023-0)
WYE OR TEE SUPPORT	S-26 (2024-0)
ALLOWABLE TRENCH WIDTHS	S-33 (2027-0)
LOCKING MANHOLE FRAME AND COVER	S-35
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-36 (2001-0)

**COUNTY OF LOS ANGELES, CALIFORNIA**  
 HARRY W. STONE DIRECTOR OF PUBLIC WORKS  
 CHARLES W. CARRY CHIEF ENGINEER  
 CO. SAN. DIST. NO. 21  
 APPROVED: *Donald D. DeLuca 7-6-98* APPROVED: *Charles W. Carry 7-6-98*  
 CHECKED: *Phil D. ... 7-6-98*  
 REG. C.E. No. 45571 (DATE)  
 LA PUENTE BLDG. DIST. NO. 2



P.C. 11395 PAGE 2  
 REVIEWED BY: *Staff*  
 NO LA. CO. CHARGE FOR CONNECTIONS  
 SEE COUNTY SAN. DIST. FOR SPECIAL CONNECTION CHARGES (562) 899-7411 EXT. 2727  
 DOUBLE SCALE:  
 (54938)



(NO CONNECTION FOR DISPOSAL OF INDUSTRIAL WASTE SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTE WATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.)