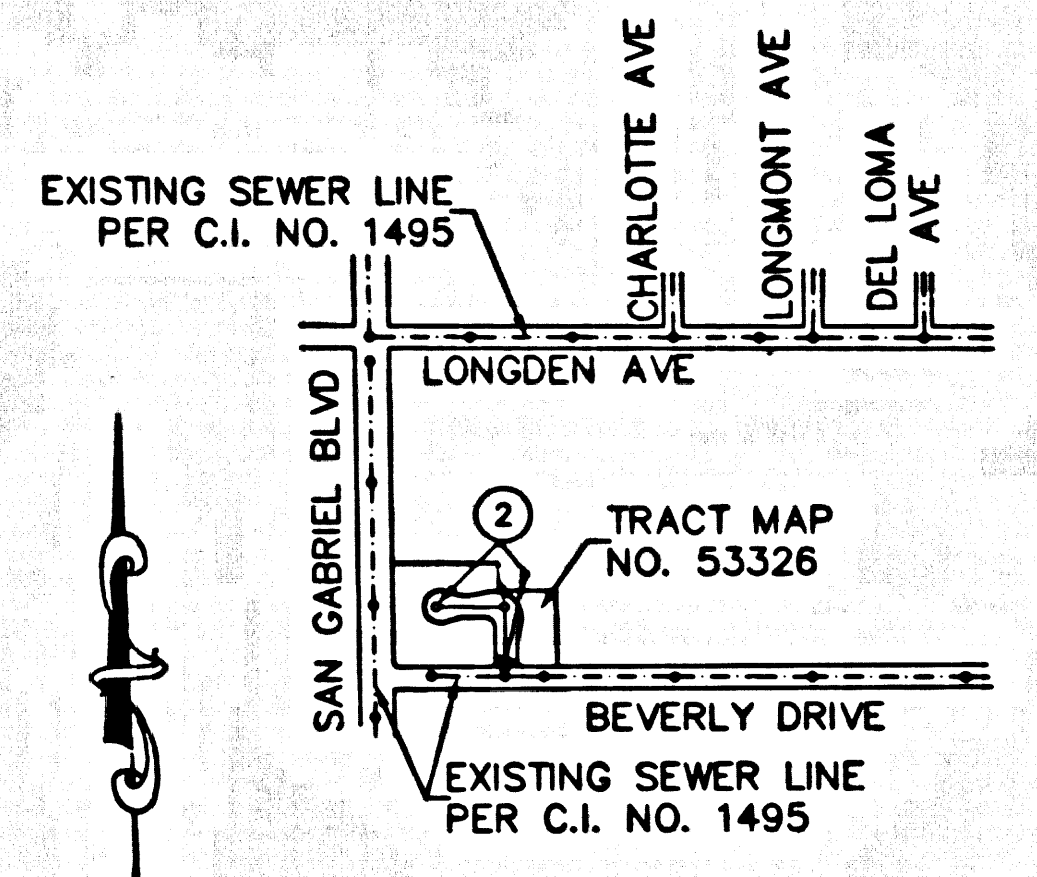


BENCH MARKS
 BM 6721 Elev. 476.777
 SPK IN S/CB LONGDEN AVE 6M S/O C/L & 1.5M W/O C/L PROD LONGMONT AVE MKD (TE 612)



INDEX MAP 2017
 TM 53326 SCALE: 1"=800'
 P.C. 11618
 THOMAS GUIDE PAGE: 096-F2
 NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER.

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

1. Erosion sediments and other pollutants must be retained on site and may not be transported from the site by sheet flow, rills, ruts, ditches, natural drainage courses, or wind.
2. Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.
3. Fuels, oils, solvents, and other liquid 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.
4. 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.
5. Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of materials and disposed by wind.
6. 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.
7. Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

- | | |
|---|--|
| CA001 - Dewatering Operations | ES210 - Seeding and Planting |
| CA002 - Paving Operations | ES211 - Mulching |
| CA003 - Structure Construction and Painting | ES220 - Geotextiles and Mats |
| CA010 - Material Delivery and Storage | ES221 - Dust Controls |
| CA020 - Solid Waste Management | ES222 - Temporary Stream Crossing |
| CA021 - Hazardous Waste Management | ES223 - Construction Road Stabilization |
| CA022 - Concrete Waste Management | ES224 - Stabilized Construction Entrance |
| CA023 - Sanitary/Sepic Waste Management | ES225 - Storm Drain Inlet Protection |
| CA030 - Vehicle and Equipment Cleaning | |
| CA031 - Vehicle and Equipment Fueling | |
| CA032 - Vehicle and Equipment Maintenance | |
| ES001 - 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 208-0	BREAKING INTO EXISTING MANHOLES
APWA 222-0	HOUSE CONNECTION SEWER
APWA 223-0	HOUSE CONNECTION REMODELING
2000-0	LETING FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS
2021-0	BEDDING FOR SEWER PIPE
2024-0	PIPE OF THE SUPPORT
2027-0	ALLOWABLE TRENCH WIDTHS

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.

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) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

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

CITY OF SAN GABRIEL
 Discharge Approval

B. D. Matten
 CITY ENGINEER
 DATE: 5/28/02

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, 800 South Front Street, 8th Floor, Alhambra, at least 72 hours prior to starting work under this permit. Copies of all other required permits, such as Road Encroachment, 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 to be notified 30 days prior to cancellation of policy.
 3. If work is done on 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 site.
 6. Approval of this plan by the County of Los Angeles does not constitute a representation as to accuracy of the location of all the existence or non-existence of any underground utility pipes or structures 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 and the latest Special Provisions for the Construction of Sanitary Sewers and shall be prosecuted only in the presence of the Department of Public Works Inspectors" as shown on Los Angeles Department of Public Works' Standard Specifications 5-2.
 8. Elevation are in feet above U.S.C. & G.S. sea level datum of 1928.
 9. No relocations shall be made in these plans without the approval of the Director of Public Works.
 10. No representative of the Department of Public Works will survey or lay out any portion of the work.
 11. 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 profiles at all points between designated points. The grade shall be established so as to conform to a straight line drawn between designated points.
 12. The private engineer shall furnish the Department of Public Works with grade sheets and alignment for all house laterals and "Y" or "T" branches and shall provide stakes for them at their proper location with stationing plainly marked. All house laterals shall be constructed in a straight alignment of right angles from the main line sewer except as shown on the plans. House laterals from changes 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.
 13. 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**
1. Provide survey stakes on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.
 2. Verified pipe joints shall be type "D" or "G" per standard specifications section 208-2.
 3. If a powerpole is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case 8, two feet on each side from the point of interference.
 4. 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 section 208-2.
 5. House laterals to be constructed with inverts at the property line 6 feet below curb except as noted.
 6. Wye or tee branches may be used for connections to the mainline sewer except as noted.
 7. 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 pipe shall be encased per standard plan S-23, case 8, unless otherwise approved by the Director of Public Works.
 8. 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 manhole per standard plan S-36, except as noted.
 9. Reinforce all branches with power poles to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permit.
 10. Full compliance with section 308-1.3.4. of the standard specifications will be required for backfill in street certification of backfill composition and sand equivalents by a qualified civil engineer shall be provided by the permittee prior to the issuance of a certificate of partial acceptance of the construction Division of the Department of Public Works prior to the acceptance of the work by the county.
 11. All backfill and the outside of the street right of way shall be compacted to 80% of the maximum density as determined by ASTM soil compaction test D 1557-79 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.
 12. Manhole tops in unimproved right of way to be six inches above finished grade.
 13. Sewers to be tested for leakage per section 308-1.4 of the standard specifications and special provisions.
 14. Manhole tops in improved right of way to be level with finished grade.

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

TRACT MAP NO. 53326 PC NO. 11618
 2 SHEETS OF 3 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 INDEX 2017

JAMES A. NOYES
 DIRECTOR OF PUBLIC WORKS

APPROVED BY: LAND DEVELOPMENT DIVISION
Dennis F. Hunter 5/28/02
 ASSISTANT DIVISION ENGINEER DATE

SUBMITTED BY: *Dennis F. Hunter* 5/28/02
 SUBDIVISION PLAN CHECKER DATE

BLDG. DIST. 2
 APPROVED: COUNTY SANITATION DISTRICT
 OF LOS ANGELES CALIF.
 JAMES F. STALE - CHIEF ENGINEER AND GENERAL MANAGER (55863)
 COUNTY SANITATION DISTRICT NO. 15

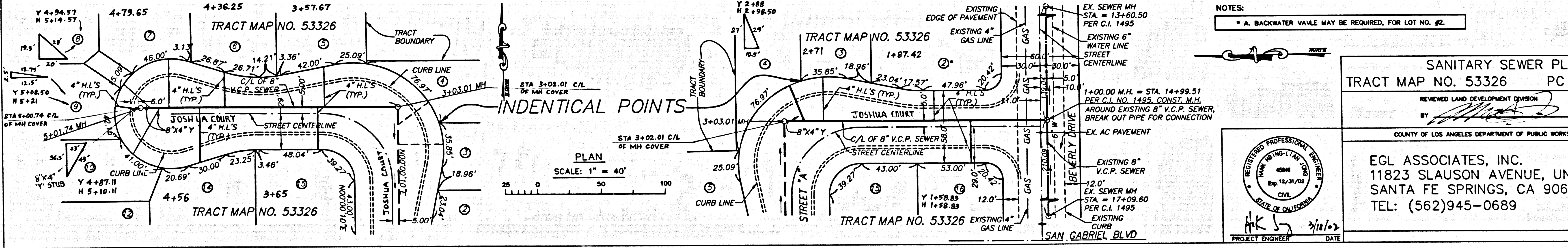
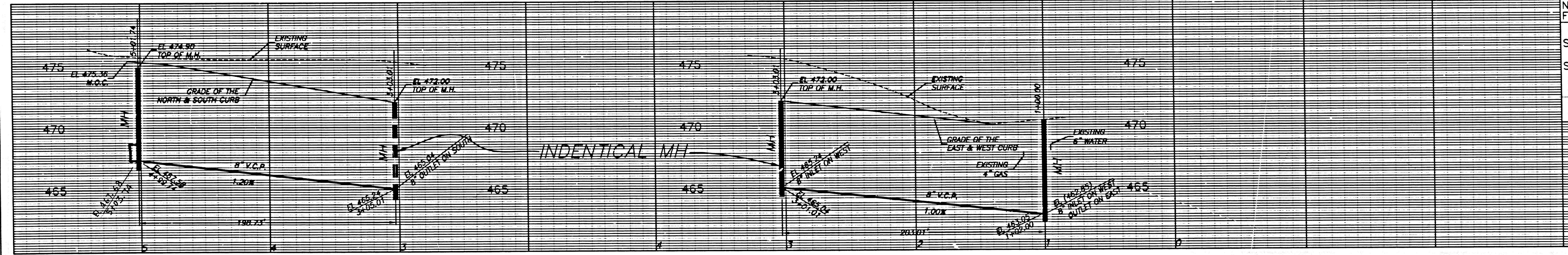
BY: *[Signature]* DATE: 5/28/02
 OFFICE ENGINEER

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 CUMMINGS OF GENERAL TELEPHONE COMPANY AT 1-800-548-4671 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

[Signature] 5/28/02
 HANK LONG R.C.E. NO. 45848
 EXPIRATION DATE: 12-31-2002 DATE

NO.	REVISION	REVISED BY	APPROVED BY	DATE



NO LA CO CHARGES FOR CONNECTION
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL: (626) 698-7411 EX. 2727
 SCALE: VERT. 1"=4'
 HORIZ. 1"=40'

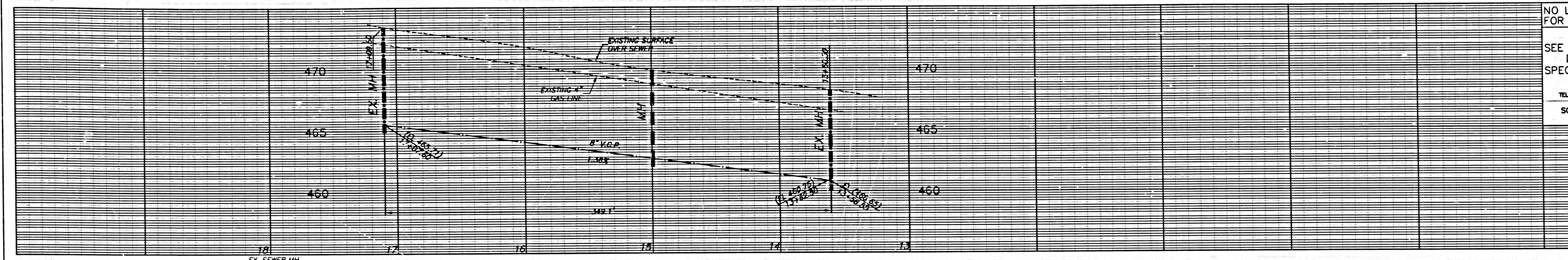
P.C.11618 PAGE 2

SANITARY SEWER PLANS IN
 TRACT MAP NO. 53326 PC NO. 11618
 REVENUED LAND DEVELOPMENT DIVISION
 BY: *[Signature]* 5/28/02
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

EGL ASSOCIATES, INC.
 11823 SCLAUSON AVENUE, UNIT 18
 SANTA FE SPRINGS, CA 90670
 TEL: (562)945-0689

REGISTERED PROFESSIONAL ENGINEER
 4894
 CIVIL
 STATE OF CALIFORNIA
[Signature] 5/28/02
 PROJECT ENGINEER DATE

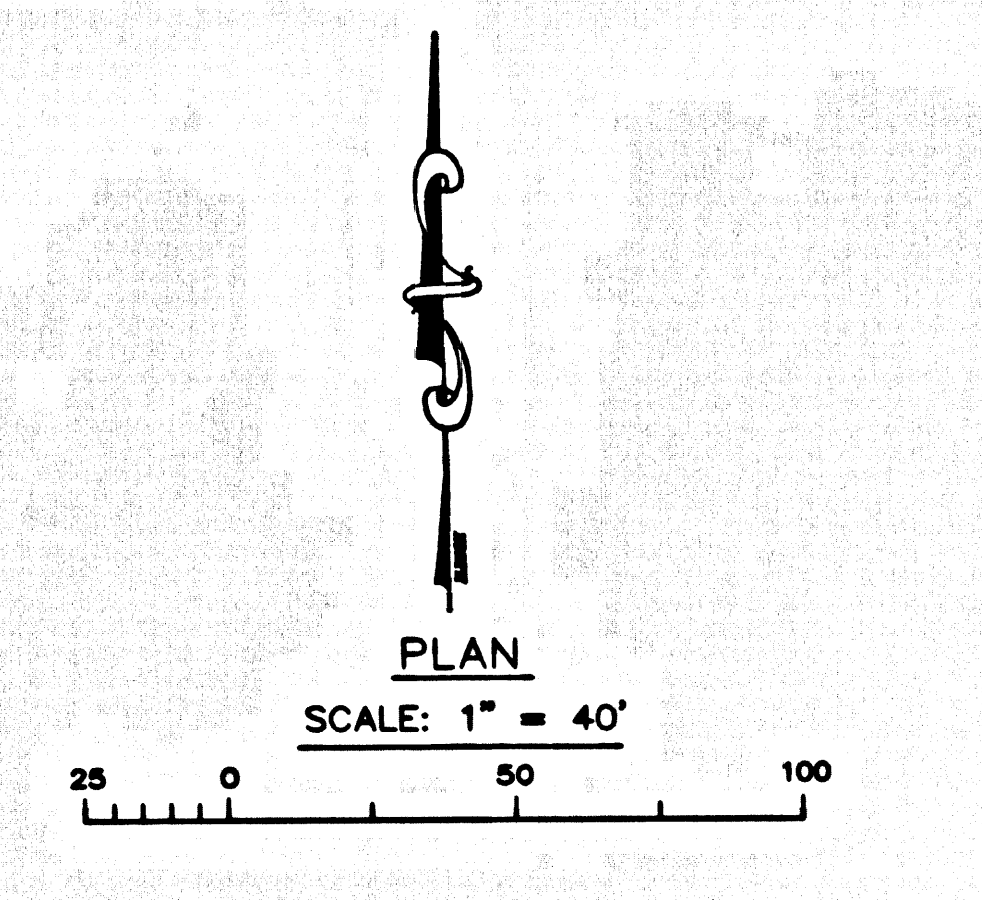
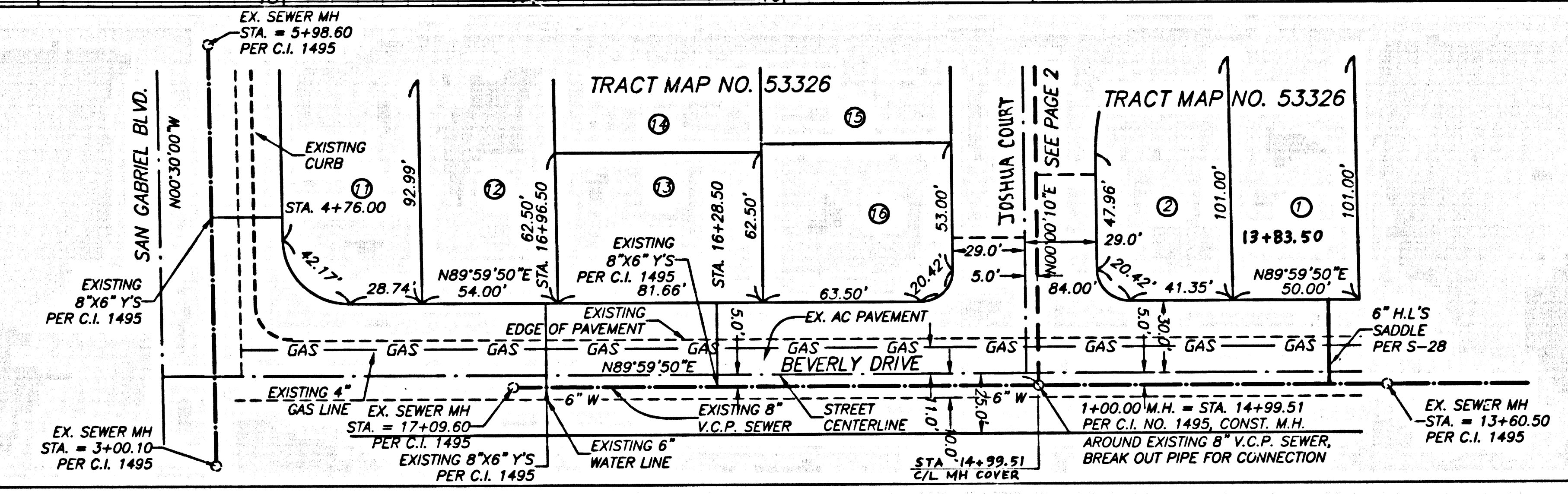
BUILT C. 2333 ON 15



NO LA CO CHARGES FOR CONNECTION
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL (562) 698-7411 EX. 2727
 SCALE: VERT. 1"=4'
 HORIZ. 1"=40'

16' NO 2330 P.C. 11618

55865



SANITARY SEWER PLANS IN
 TRACT MAP NO. 53326 PC NO. 11618
 REVIEWED LAND DEVELOPMENT DIVISION
 BY *[Signature]* 5/28/02
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
 EGL ASSOCIATES, INC.
 11823 SLAUSON AVENUE, UNIT 18
 SANTA FE SPRINGS, CA 90670
 TEL: (562)945-0689

H.K.S. 5/16/02
 PROJECT ENGINEER DATE