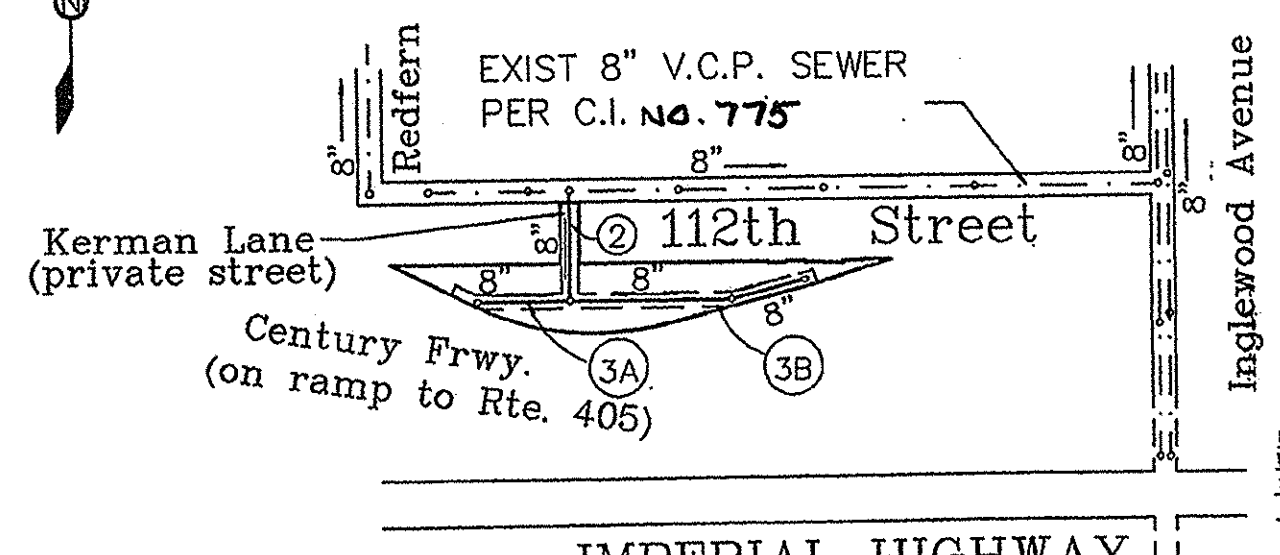


BENCH MARKS
 BM Y 8258 Elev. 78.858 ft.
 RBM TAG N 05° 00' 00" E/O BCR @ NE COR IMPERIAL HWY
 INGLEWOOD AVE 12.2M N & 14.3M E/O C/L INT
 HAWTHORNE (2000) NAVD 88 DATUM

All mainline sanitary sewers are within the sanitary sewer easement.



SCALE: 1"=400'

KEY MAP

SCALE: 1"=600'
 Index Map No. S-1591
 THOMAS GUIDE PAGE: 709 B6

NO.	REVISION	REVISED BY	APPROVED BY	DATE
1	UPDATED NOTES AND STANDARDS ON PAGE 1 AND CORRECTED TEXT CALLOUT ON PAGE 2.	COOKE R.E. 10/10/05	<i>[Signature]</i>	8/28/05

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, 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 fire 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 dispersed by wind.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction stormwater quality test force, Sacramento, California 2003 or the latest revised edition, may be applied during the construction of this project. Additional measures may be required if deemed appropriate by the County Inspector.
- Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.

EROSION CONTROL	WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL	STANDARD PLANS
ES1 - SCHEDULING	WM1 - MATERIAL DELIVERY AND STORAGE	2000-0 - LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS.
ES2 - PRESERVATION OF EXISTING VEGETATION	WM2 - MATERIAL USE	2002-1 - PRECAST CONCRETE SHALLOW MANHOLE
ES3 - HYDRAULIC MULCH	WM3 - STOCKPILE MANAGEMENT	2003-2 - REINFORCED PRECAST CONCRETE MANHOLE
ES4 - HYDROSEEDING	WM4 - SPILL PREVENTION AND CONTROL	2004-1 - RECTANGULAR SHALLOW MANHOLE
ES5 - SOIL BINDERS	WM5 - SOLID WASTE MANAGEMENT	2014-1 - RECTANGULAR MANHOLE FRAME AND COVER
ES6 - STRAW MULCH	WM6 - HAZARDOUS WASTE MANAGEMENT	2015-1 - STANDARD MANHOLE STEP
ES7 - GEOTEXTILES AND MATS...	WM7 - CONTAMINATED SOIL MANAGEMENT	2021-1 - BEDDING FOR SEWER PIPE
ES8 - WOOD MULCHING	WM8 - CONCRETE WASTE MANAGEMENT	2023-2 - CHANGING AND ENGAGEMENT
ES9 - EARTH DIKES/DRAINAGE SWALES	WM9 - SANITARY SEPTIC WASTE MANAGEMENT	2027-0 - ALLOWABLE TRENCH WIDTHS
ES10 - VELOCITY DISINTEGRATION SWALES	WM10 - LIQUID WASTE MANAGEMENT	2028-1 - SAFETY REQUIREMENTS FOR SANITARY SEWERS NEAR WATER BODIES
EC11 - SLOPE DRAINS	NON-STORMWATER MANAGEMENT	2017-1 - STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC)
EC12 - STREAMBANK STABILIZATION	NS1 - WATER CONSERVATION PRACTICES	2018-1 - MANHOLE FRAME AND COVER LOCKING TYPE
EC13 - POLYACRYLAMIDE TEMPORARY SEDIMENT CONTROL	NS2 - DEWATERING OPERATIONS	2019-1 - HOUSE CONNECTION SEWER
SE1 - SILT FENCE	NS3 - PAVING AND GRINDING OPERATIONS	2020-1 - BREAKING INTO EXISTING MANHOLES
SE2 - SEDIMENT TRAP	NS4 - TEMPORARY STREAM CROSSINGS	NOTES:
SE3 - CHECK DAM	NS5 - CLEAR WATER DIVERSION	NO CONNECTION FOR THE 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 COUNTY SANITATION DISTRICT FOR SAID CONNECTIONS.
SE4 - FIBER ROLLS	NS6 - 1" LUOT CON IN ECTION/DISCHARGE	BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO THE FINAL ACCEPTANCE OF THE PROJECT, A COUNTY SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (310) 236-1161 SO THAT REQUIRED INSPECTION CAN BE MADE.
SE5 - GRAVEL BAG BERM	NS7 - POTABLE WATER/IRRIGATION	NOTICE TO CONTRACTOR:
SE6 - STREET SWEEPING AND VACUUMING	NS8 - VEHICLE AND EQUIPMENT CLEANING	MAINTAIN SEWER FLOW AT ALL TIMES DURING CONSTRUCTION ACTIVITIES
SE7 - SANDBAG BARRIER	NS9 - VEHICLE AND EQUIPMENT FUELING	ISSUE NO HOUSE-INTERNAL CONNECTIONS PERMITTED UNTIL PERMIT IS RECEIVED FROM THE COUNTY ENGINEER OF LOS ANGELES (SPPWC) CONTINUED
SE8 - STRAW BALE BARRIER	NS10 - VEHICLE AND EQUIPMENT MAINTENANCE	220-2 - CHAININGS AND BACKFILL STABILIZERS
SE9 - STORM DRAIN INLET PROTECTION	NS11 - FILE DRIVING OPERATIONS	221-1 - HOUSE CONNECTION REMODELING
SE10 - CHEMICAL TREATMENT	NS12 - CONCRETE CURING	222-1 - BLANKET PROTECTION FOR PIPES
SE11 - WIND EROSION CONTROL	NS13 - MATERIAL OVER WATER	223-1 - TEMPORARY BATCH PLANTS
WE1 - WIND EROSION CONTROL	NS14 - CONCRETE FINISHING	
	NS15 - DEMOLITION ADJACENT TO WATER	
	NS16 - TEMPORARY BATCH PLANTS	

NOTICE TO CONTRACTOR:
 SEWER LATERALS SHOWN ON PLANS ARE FOR REFERENCE ONLY.

THE DEVELOPER SHALL BE RESPONSIBLE FOR THE CONTINUED MAINTENANCE OF THE PC 11702 SANITARY SEWER UNTIL THE COUNTY FINALLY ACCEPTS IT FOR MAINTENANCE. ALL MAINLINE MANHOLES AND LATERALS SHALL BE PROTECTED FROM DAMAGE AND INFILTRATION.

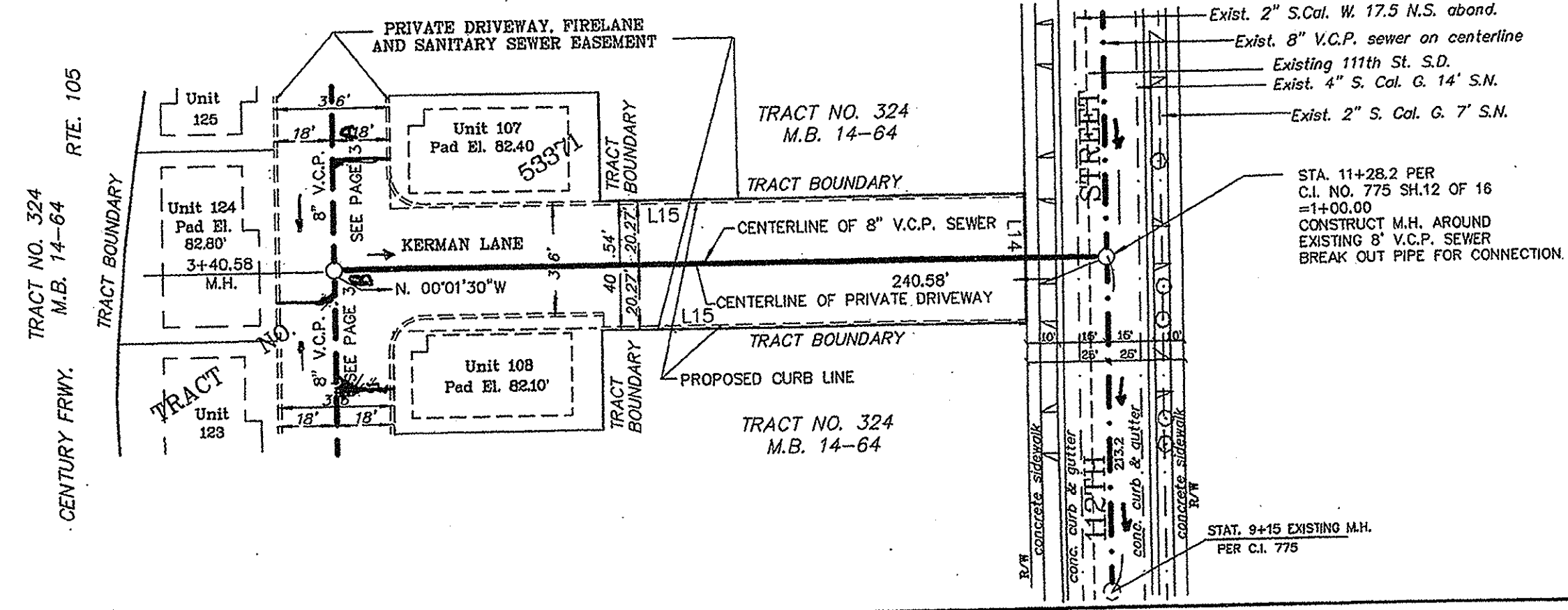
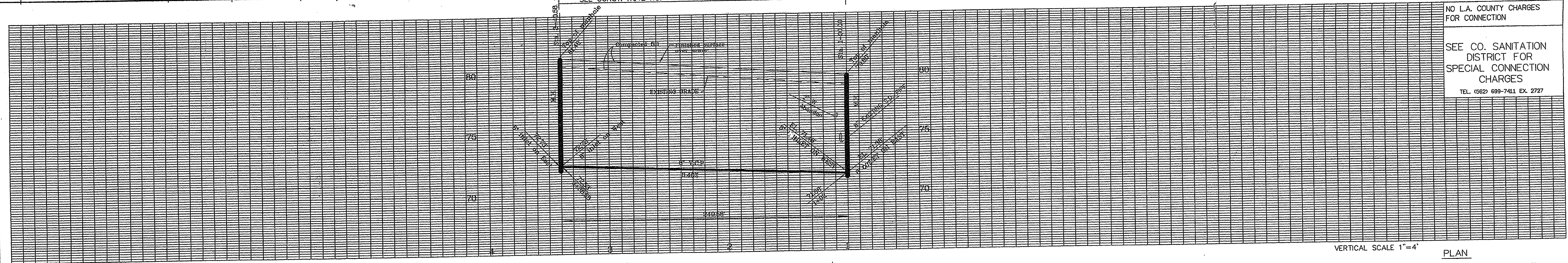
- PRIVATE CONTRACT SEWER GENERAL NOTES**
 The following general notes are to be included on Page 1 of all Private Contract Sewer Plans:
- A sewer construction permit shall be obtained and a fee paid for construction inspection and record plans to the Department of Public Works at the Permit Counter, 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, Closures, etc., must be filed with the permit application.
 - Prior to issuance of any permit, the contractor shall file a permit for excavators 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 the start of work.
 - 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 Sewers and shall be processed 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 Requirements" as shown on Los Angeles Department of Public Works Standard 6009-1.
 - Elevations are in feet above U.S.C.A.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 ditches, 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 drain between said designated points.
 - The private engineer shall furnish the Department of Public Works with grade sheets and staking for all house laterals and "Y" or "T" branches and shall provide stakes for them at their proper locations. 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 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 pad is lower in elevation than the top of the next upstream manhole.
 - Provides survey stakes on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.
 - Verified clay pipe joints shall be type "D" or "P" per standard specifications section 208-2.
 - If a powerpole is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case 1, two feet on each side from the point of interference.
 - All joints between cast iron pipe and verified clay 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 inverts at the property line 6 feet below curb grade except as noted.
 - 1/2" 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 standard plan S-23, case 1, 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-16, or reinforced precast concrete manholes per standard plan S-20, except as noted.
 - Full compliance with section 306-1.3.4 of the standard specification will be required for backfill in street certification of manhole 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 D 1557-76 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 and special provisions.
 - Manhole tops in improved rights of way to be level with finished grade.
 - All eyes and/or house lateral or to be located at least 5' apart when possible not closer than 5' to any manhole.

PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS
 PAGE 1
 TO BE CONSTRUCTED IN INDEX MAP S-1591
 TRACT NO. 53371 PC NO. 11702
 2 SHEETS: 4 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA

DONALD L. WOLFE DIRECTOR OF PUBLIC WORKS
 APPROVED BY *[Signature]* 8/31/05
 ASSISTANT DIVISION ENGINEER
 SUBMITTED BY *[Signature]* 8/31/05
 SUPERVISOR PLAN CHECKING SECTION

APPROVED: COUNTY SANITATION DISTRICT OF LOS ANGELES CALIF.
 JAMES F. STRAHM - CHIEF ENGINEER AND GENERAL MANAGER AND SAFETY DIVISION
 COUNTY SANITATION DISTRICT NO. 5
 DATE: 9/16/05 2015
 OFFICE ENGINEER

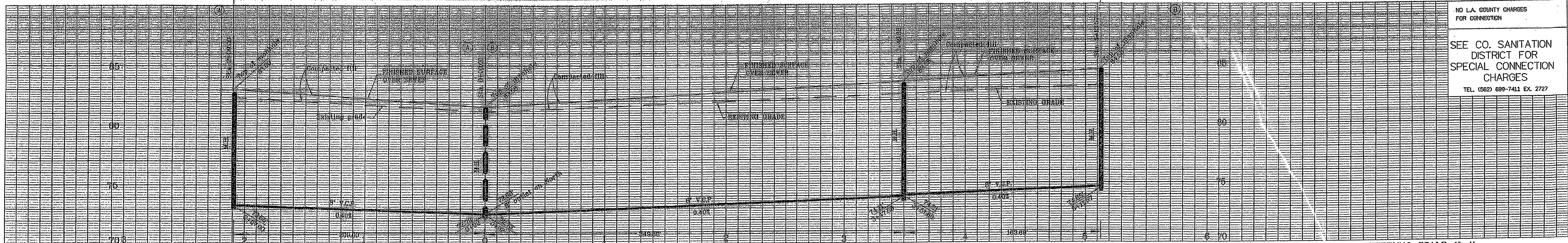
PRIVATE ENGINEERS NOTICE TO CONTRACTORS:
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS REQUIRED BY A SEARCH OF AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO 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 CLIPPINGS OF GENERAL TELEPHONE COMPANY AT 1-800-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.
 DATE: 8/29/05
 RCE NO. 13860



REGISTERED PROFESSIONAL ENGINEER
 CONWAY COOKE
 No. 13860
 Exp. 3-31-07
 CIVIL
 STATE OF CALIFORNIA
 PROJECT ENGINEER DATE: 8/29/05

SANITARY SEWER PLANS IN TRACT NO. 53371 PC NO. 11702
 REVIEWED BY LAND DEVELOPMENT DIVISION
 BY *[Signature]* 8-30-05
 SUBDIVISION PLAN CHECKING SECTION
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
 COOKE & ASSOCIATES
 STRUCTURAL & CIVIL ENGINEERS
 400 E COMPTON BLVD.
 COMPTON, CA 90221
 (310) 722-2707 (323) 636-8080 (310) 608-5408
 mohamadmobli@aol.com

REGISTERED CIVIL ENGINEER
 No. 7746
 Exp. 3/31/17
 CIVIL
 STATE OF CALIFORNIA

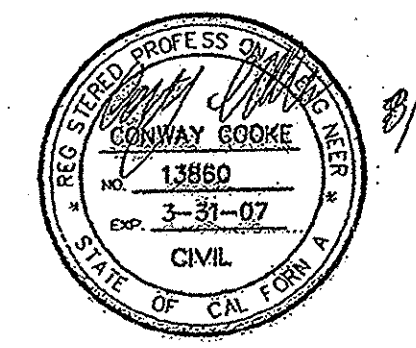


NO L.A. COUNTY CHARGES FOR CONNECTION
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (662) 699-7411 EX. 2727

VERTICAL SCALE: 1"=4'
 PLAN SCALE: 1"=40'

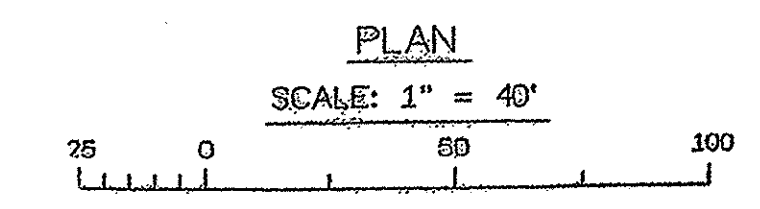
BUILDING AND SAFETY DIVISION
 Department of Public Works
 APPROVED UNDER TITLE 26

JUN 15 2015

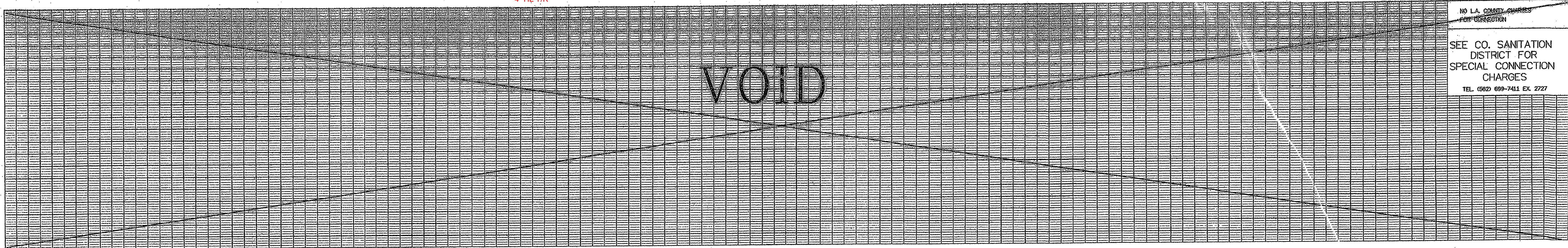


8/27/05

REVIEWED BY LAND DEVELOPMENT DIVISION
 BY *M.D. Sp...* DATE 8-30-05
 SUBDIVISION PLAN CHECKING SECTION



* = BACK WATER VALVE MAY BE REQUIRED FOR UNITS 108-113 AND 104-107 117-118, 122-123



NO L.A. COUNTY CHARGES FOR CONNECTION
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (662) 699-7411 EX. 2727

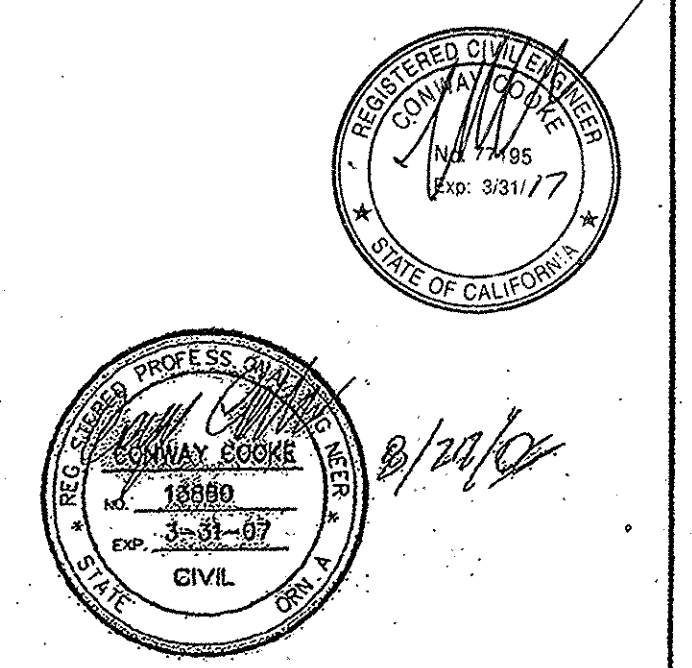
SANITARY SEWER EASEMENT DATA

NO.	DISTANCE	BEARING
L1	40.54'	N89°55'49"E
L2	3.72'	S0°01'33"E
L3	41.00'	N89°55'33"E
L4	3.72'	N0°01'34"W
L5	40.54'	N89°55'39"E
L6	3.73'	S0°01'30"E
L7	41.00'	N89°55'33"E
L8	1.05'	S0°01'34"E
L9	41.00'	N89°55'33"E
L10	4.78'	N0°01'35"W
L11	40.54'	N89°55'33"E
L12	0.12'	N0°01'41"W
L13	61.27'	N89°55'49"E
L14	39.00'	N89°55'49"E
L15	132.58'	S0°01'30"E

NO.	DISTANCE	BEARING
L16	6.00'	N89°55'39"E
L17	54.99'	S0°01'30"E
L18	342.23'	N89°55'39"E
L19	147.05'	N78°40'46"E
L20	26.00'	S14°19'14"E
L21	190.33'	S78°40'46"W
L22	58.00'	S89°55'39"W
L23	14.98'	S0°04'21"E
L24	26.83'	S78°40'46"W
L25	21.58'	N0°04'21"W
L26	350.00'	S89°55'39"W
L27	23.70'	S0°04'21"E
L28	20.85'	N0°04'21"W

NO.	DISTANCE	BEARING
L29	54.51'	S89°55'39"W
L30	55.44'	N83°34'18"W
L31	26.00'	N26°25'42"E
L32	54.76'	S63°34'18"E
L33	188.95'	N89°55'39"E
L34	55.01'	N0°01'30"W
L35	11.81'	S78°40'46"W
L36	5.00'	N0°01'30"W
L37	4.00'	N0°01'30"W

NO.	DELTA	ARC	RADIUS
C1	90°02'52"	15.72'	10.00'
C2	2°35'36"	27.17'	600.00'
C3	2°47'52"	29.30'	600.00'
C4	89°57'09"	15.70'	10.00'



8/20/05

REVIEWED BY LAND DEVELOPMENT DIVISION
 BY *M.D. Sp...* DATE 8-30-05
 SUBDIVISION PLAN CHECKING SECTION

