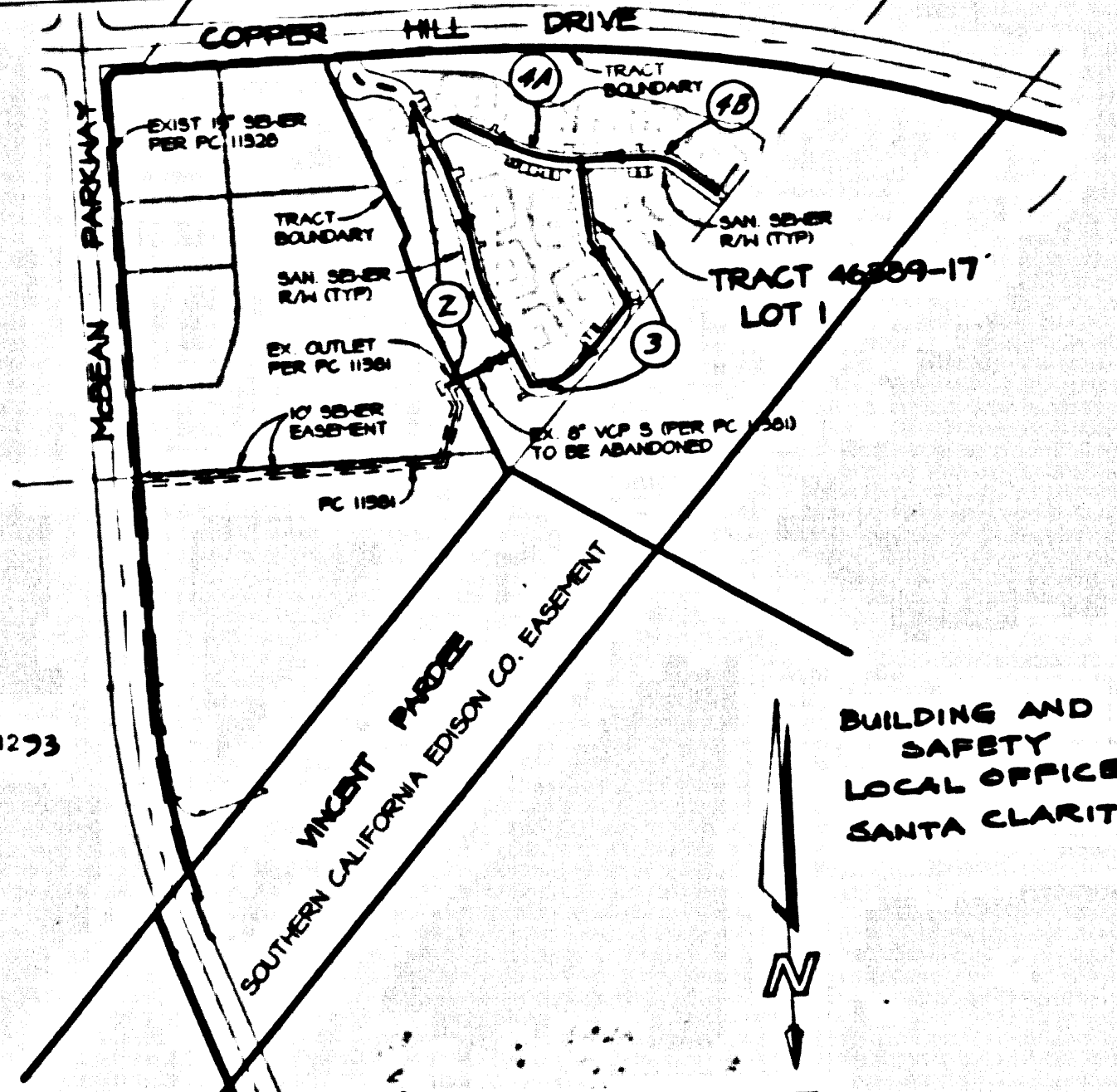


BM 3823 Elev. 1180.440  
 LACS BM MON FLUSH 1 FT N/O N CB  
 ESPUELLA DR. 22 FT N & 77 FT E/O  
 C/L INT BOUQUET CYN RD & ESPUELLA  
 DR MKD (BM 204-2)  
 NEWHALL QUAD 1993

BM 3823 Elev. 1182.980  
 CSBM MON. FLUSH 300MM N/O N. CF  
 ESPUELLA DR. 6.7 M N C/L & 23.5 M E/O  
 C/L BOUQUET CYN. RD. MKD. (204-2)  
 NEWHALL QUAD 1995

**INDEX MAP**  
 SCALE: 1"=400'  
 P.C. 11479-TR NO. 46389-17  
 THOMAS GUIDE PAGE 4460, C-4 INDEX 1273  
 NOTE: NUMBERS IN CIRCLES INDICATES  
 PAGE NUMBER



**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 street flow, erosion, area drains, natural drainage courses, or wind.
- Sedimentation basins 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 water. 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 must 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 debris 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 depositions must be swept up immediately and may not be loaded 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.

- ES C01 - DEWATERING OPERATIONS  
 ES C02 - BRACING OF "A" TRENCHES  
 ES C03 - STRUCTURE CONSTRUCTION AND PAINTING  
 ES C04 - MATERIAL DELIVERY AND STORAGE  
 ES C05 - MATERIALS WASTE MANAGEMENT  
 ES C06 - SOLID WASTE MANAGEMENT  
 ES C07 - HAZARDOUS WASTE MANAGEMENT  
 ES C08 - SANITARY/SANITATION WASTE MANAGEMENT  
 ES C09 - VEHICLE AND EQUIPMENT CLEANING  
 ES C10 - VEHICLE AND EQUIPMENT MAINTENANCE  
 ES C11 - SCHEDULING  
 ES C12 - PRESERVATION OF EXISTING VEGETATION  
 ES C13 - SEEDING AND PLANTING  
 ES C14 - MULCHING  
 ES C15 - DUST CONTROLS  
 ES C16 - TEMPORARY STREAM CROSSING  
 ES C17 - CONSTRUCTION ROAD STABILIZATION  
 ES C18 - STABILIZED CONSTRUCTION ENTRANCE  
 ES C19 - STORM DRAIN INLET PROTECTION

**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-D BREAKING INTO EXISTING MANHOLES  
 APWA 222-D HOUSE CONNECTION REMODELING  
 2000-D LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS  
 2012-D RECORDING FOR SEWER PIPE  
 2014-D WIRE AND CABLE SUPPORT  
 2017-D ALLOWABLE TRENCH WIDTHS  
 2021-D INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE FOR SAID CONNECTION, 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 THIS PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (661) 266-4683 SO THAT REQUIRED INSPECTION CAN BE MADE.

**ISSUE NO. 11479-TR CONNECTION PERMITS UNTIL OUTLET SEWER IS ACCEPTED FOR PUBLIC USE BY COUNTY OF LOS ANGELES**

**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, 800 South Fremont Avenue, 6th Floor, Alhambra, CA. This note applies to all projects.
- 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 normal as the Certificate Holder to be modified 30 days prior to the start of construction of the project.
- If work is done in a State highway, a permit must be obtained from the State of California Division of Highways, 1221 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 the project.
- All work shall be in accordance with the latest approved edition of the "Standard Specifications for the Construction of Sanitary Sewers and Storm Sewers" as published by 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' Standards 5-2.
- 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 representation of the Department of Public Works shall be made on plans and profiles. Grade points for all work shall be in accordance with the latest approved edition of the "Standard Specifications for the Construction of Sanitary Sewers and Storm Sewers" as published by the Department of Public Works.
- Grades to which this improvement is to be constructed are shown on plans and profiles. Grade points for top of curb, centerline of streets, or certain manholes, are shown by crosses on profiles at all points between designated points. The grade shall be established so as to conform to a straight line drawn between said designated 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 clearly 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.

**CONSTRUCTION NOTES**

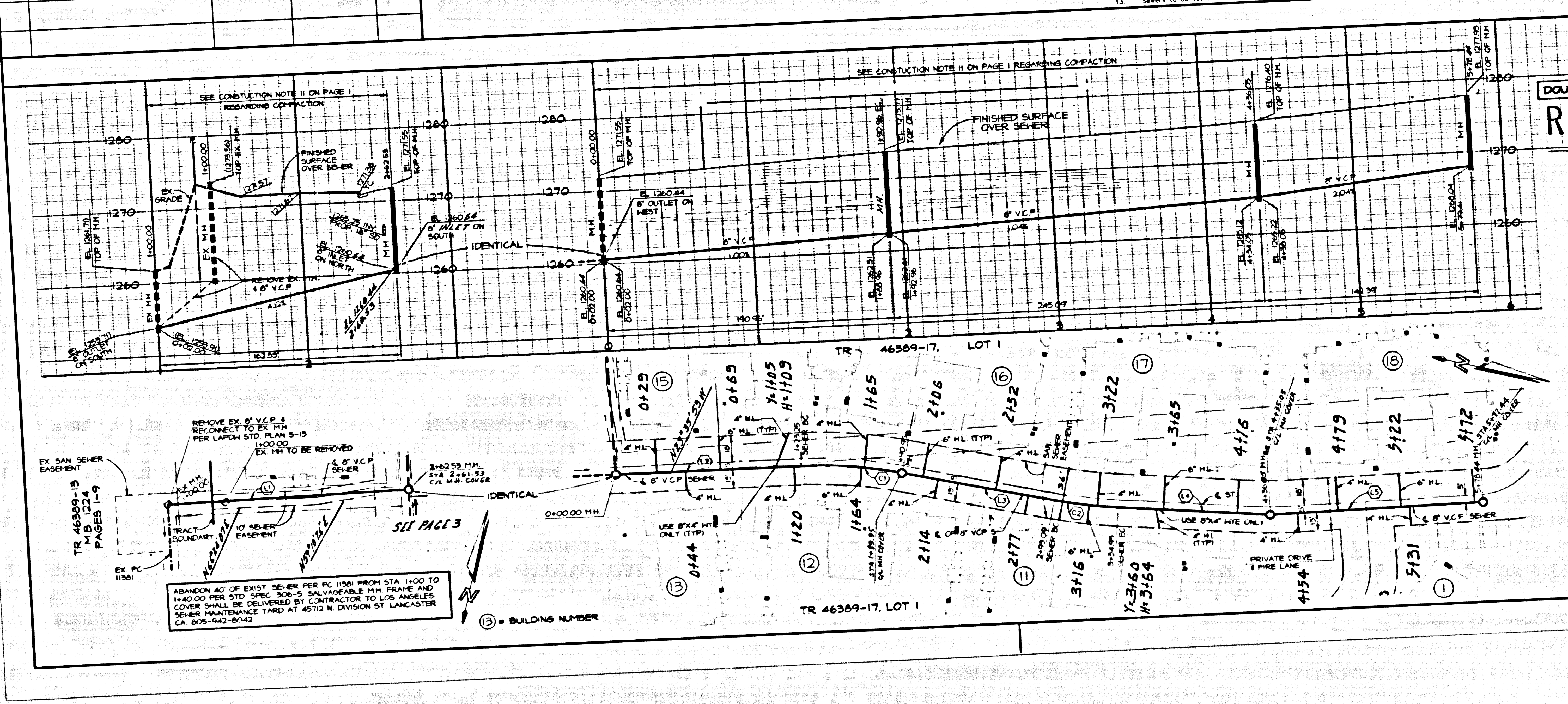
- Provide survey stakes on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.
- Verified clay pipe joints shall be type "T" or "C" per standard specifications section 208-2.
- If a manhole is within three feet of the sewer, the sewer shall be encased per standard plan 5-23, 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 "T" (with bushing if necessary) per standard specifications section 208-2.
- House laterals shall be constructed with inverts at the property line 6 feet below curb grade except as noted.
- Use of 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 manhole or house lateral, V.C.P. sewer which is not indicated on the plans, the pipe shall be encased per standard plan 5-23, case II, unless otherwise approved by the Director of Public Works.
- All structures shall be either brick sewer manholes per standard plan 5-3 or precast concrete sewer manholes per standard plan 5-36, or reinforced precast concrete manhole per standard plan 5-8, except as noted.
- Full compliance with section 308-1.3.4 of the standard specification shall be required for backfill in street certification in accordance with the permit.
- Backfill and fill outside of the street right of way shall be compacted to 90% of the maximum density as determined by ASTM test method D 1557-78 method "D" unless otherwise specified. This shall be certified by a qualified civil engineer. The 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 inlets in unimproved rights of way to be six inches above finished grade.
- Sewers to be tested for leakage per section 308-1.4 of the standard specifications and special provisions.
- Sewers to be tested for leakage per section 308-1.4 of the standard specifications and special provisions.

94979  
 PROFILE, ALIGNMENT AND GRADE OF  
 SANITARY SEWERS  
 TO BE CONSTRUCTED IN  
 SEWER RIGHT OF WAY  
 TRACT NO. 46389-17, LOT 1 PC NO. 11479  
 (FORMERLY TRACT 46389-13 LOT 2)  
 2 SHEETS: 4 PAGES  
 COUNTY OF LOS ANGELES CALIFORNIA

HARRY W. STONE DIRECTOR OF PUBLIC WORKS  
 APPROVED BY: LAND DEVELOPMENT DIVISION  
 Ronald D. ... 11/30/99  
 SUBMITTED BY: ... 11/30/99  
 COUNTY SANITATION DISTRICT  
 CHARLES W. CARRY - CHIEF ENGINEER and GENERAL MANAGER  
 COUNTY SANITATION DISTRICT NO. 32  
 BY: Charles C. Ryan DATE: 11/30/99

**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 THE 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 TELEPHONE LINES. THE COMPANY AT 1-805-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.  
 Thomas ... 07/08/99  
 R.E. NO. 17388 DATE

P.C. 11479 PAGE 2  
 NO CHARGES FOR CONNECTIONS  
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES  
 TEL: (661) 899-7411 EX. 2727



**DOUBLE SCALE RECORD PLANS**

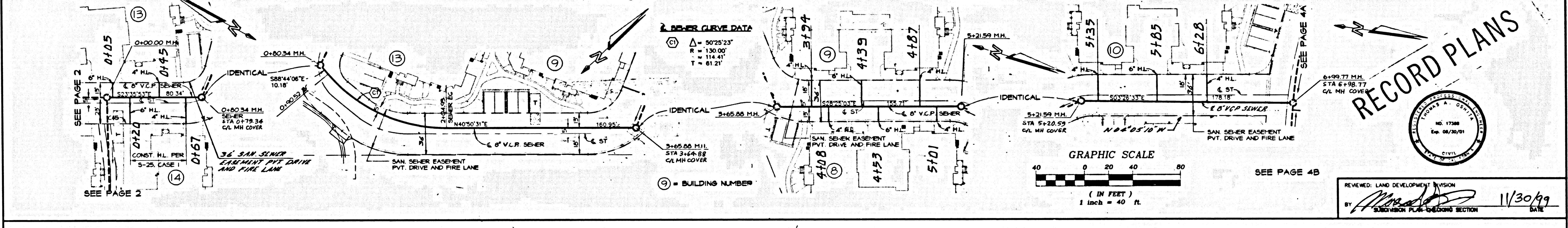
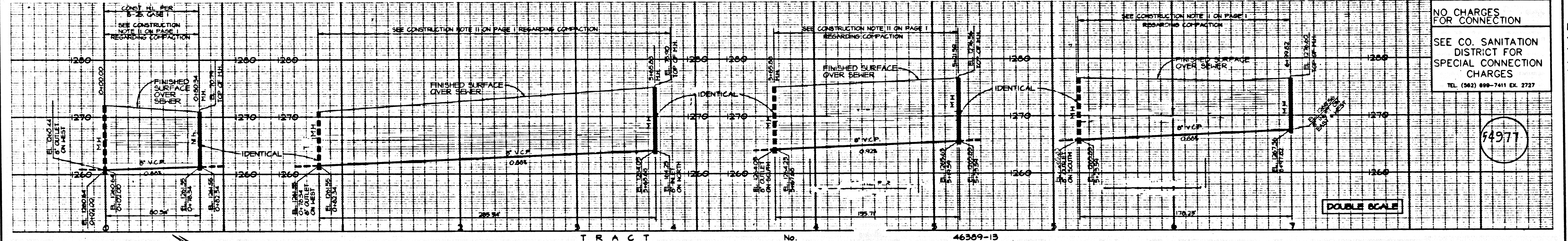
SEWER LINE DATA			
LINE	LENGTH	BEARING	
(1)	182.53	S85°20'18"W	
(2)	123.25	S23°35'33"E	
(3)	102.14	S10°13'18"E	
(4)	101.09	S17°37'27"E	
(5)	142.39	S24°28'40"E	

SEWER CURVE DATA				
CURVE	DELTA	RADIUS	TANGENT	LENGTH
(1)	1322'35"	290.00	34.01	67.70
(2)	0°44'10"	310.01	20.98	41.88

SANITARY SEWER PLANS IN  
 TRACT NO. 46389-17, LOT 2 PC NO. 11479  
 (FORMERLY TRACT 46389-13 LOT 2)  
 REVIEWED: LAND DEVELOPMENT DIVISION  
 BY: ... 11/30/99  
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

FUSCOE ENGINEERING, INC.  
 16795 VON KARMAN, SUITE 100  
 IRVINE, CA 92606  
 (949) 474-1960  
 FAX (949) 474-5315

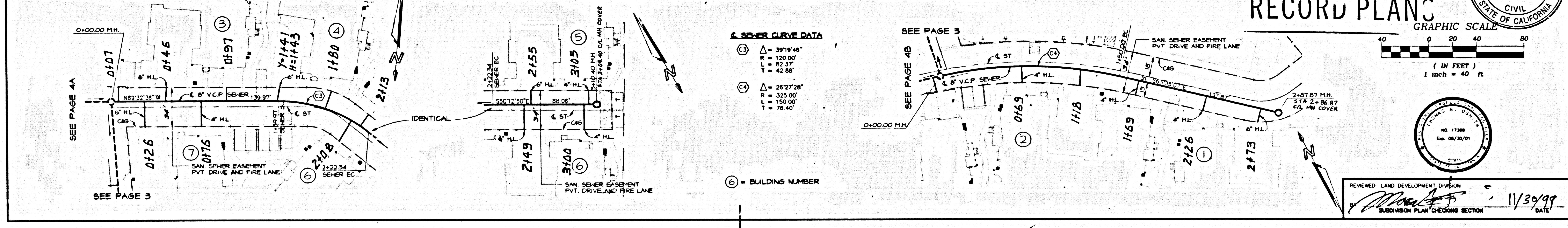
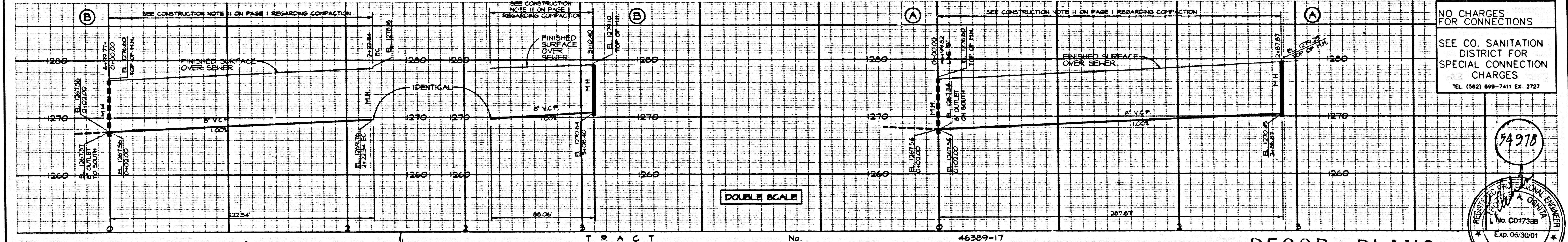
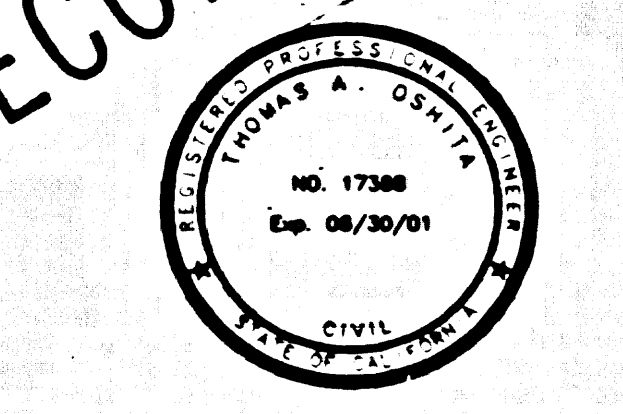




91411 29 11-8824 TCRRT

RECORD PLANS

REVIEWED: LAND DEVELOPMENT DIVISION  
BY: [Signature] 11/30/99  
SUBMISSION PLAN CHECKING SECTION DATE



91411 29 11-8824 TCRRT

RECORD PLANS

REVIEWED: LAND DEVELOPMENT DIVISION  
BY: [Signature] 11/30/99  
SUBMISSION PLAN CHECKING SECTION DATE

