

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, surface, or drainage, 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 listing 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.
- Excavation or earth concrete may not be washed into the public way or any other drainage system. Persons shall be made to retard concrete soles 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 brood 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 washed down by rain or other means.
- Any slopes with disturbed soils or denuded vegetation must be stabilized so as to inhibit erosion by wind and water.

- CA001 - Dewatering Operations
 CA002 - PAVING OPERATIONS
 CA003 - STRUCTURE CONSTRUCTION AND PAINTING
 CA010 - MATERIAL DELIVERY AND STORAGE
 CA020 - SOLID WASTE MANAGEMENT
 CA021 - HAZARDOUS WASTE MANAGEMENT
 CA022 - CONCRETE WASTE MANAGEMENT
 CA024 - SANITARY/SEPTIC WASTE MANAGEMENT
 CA030 - CONCRETE AND EQUIPMENT CLEANING
 EC001 - VEHICLE AND EQUIPMENT MAINTENANCE
 EC002 - SCHEDULING
 EC003 - PRESERVATION OF EXISTING VEGETATION
- ESC10 - SEEDING AND PLANTING
 ESC11 - MULCHING
 ESC20 - GEOTILES AND MATS
 ESC21 - DUST CONTROLS
 ESC22 - TEMPORARY STREAM CROSSING
 ESC23 - CONSTRUCTION ROAD STABILIZATION
 ESC24 - STABILIZING CONSTRUCTION ENTRANCE
 ESC24 - 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 208-0 BREAKING INTO EXISTING MANHOLES
 APWA 220-2 CHIMNEYS
 APWA 222-0 HOUSE CONNECTION SEWER
 APWA 223-0 HOUSE CONNECTION REMODELING
 2000-0 LEGEND FOR SANITARY SEWER PLANS AND DISTRICT MAPS
 2021-0 BEDDING FOR SEWER PIPE
 2024-0 WYE OR TEE SUPPORT
 2027-0 ALLOWABLE TRENCH WIDTHS

NOTE: EASEMENT TO THE COUNTY OF LOS ANGELES FOR SANITARY SEWER, INGRESS AND EGRESS TO BE GRANTED OVER ALL PRIVATE STREETS PER FINAL MAP.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNLESS A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICT FOR SAID CONNECTION.

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (915) 296-6883 SO THAT REQUIRED INSPECTION CAN BE MADE.

PRIOR TO ACCEPTANCE FOR PUBLIC USE AND MAINTENANCE ALL SANITARY SEWER EASEMENTS SHALL BE RECORDED AND SUBMITTED TO L.A. COUNTY.

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 Road Excavation, California, 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, 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 procured 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 S-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 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 crosses 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 staking pins marked. All house laterals shall be constructed in a straight alignment, 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 indicated in writing by the private engineer.
- The private engineer shall furnish the house lateral depth at the property line below the top of curb section for each house lateral on the house 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.
- Marked city pipe joints shall be type "D" or "C" per standard specifications section 208-2.
- If a powerline 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 shall be made with 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.
- 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 pipes shall be encased per standard plan S-23.
- All structures shall be either brick 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-8, except as noted.
- Rearfares of trenches within paved areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permit.
- Full compliance with section 306-1.1.4 of the standard specification will be required for backfill in street certification of backfill compaction and soil equivalent 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 and compacted in lift 15" or less. This shall be certified by a qualified civil engineer. If a 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 areas to be six inches above finished grade.
- Sewers to be tested for leakage per section 306-1.1.4 of the standard specifications and special provisions.

PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS

TO BE CONSTRUCTED IN
 TRACT 45433-04 PC NO. 11603
 4 SHEETS: 7 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 INDEX -1257

JAMES A. NOTES DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY: [Signature] 10/16/01 DATE
 SUBMITTED BY: [Signature] 10/16/01 DATE

APPROVED: COUNTY SANITATION DISTRICT
 OF LOS ANGELES CALIF.
 JAMES F. STAHL - CHIEF ENGINEER and GENERAL MANAGER
 COUNTY SANITATION DISTRICT NO. 32
 BY: [Signature] DATE: 10/17/01

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 1-805-848-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.
 RCE NO 51928 10-2-01 DATE

NO.	REVISION	REVISED BY	APPROVED BY	DATE

BUILDING AND SAFETY
 SANTA CLARITA OFFICE

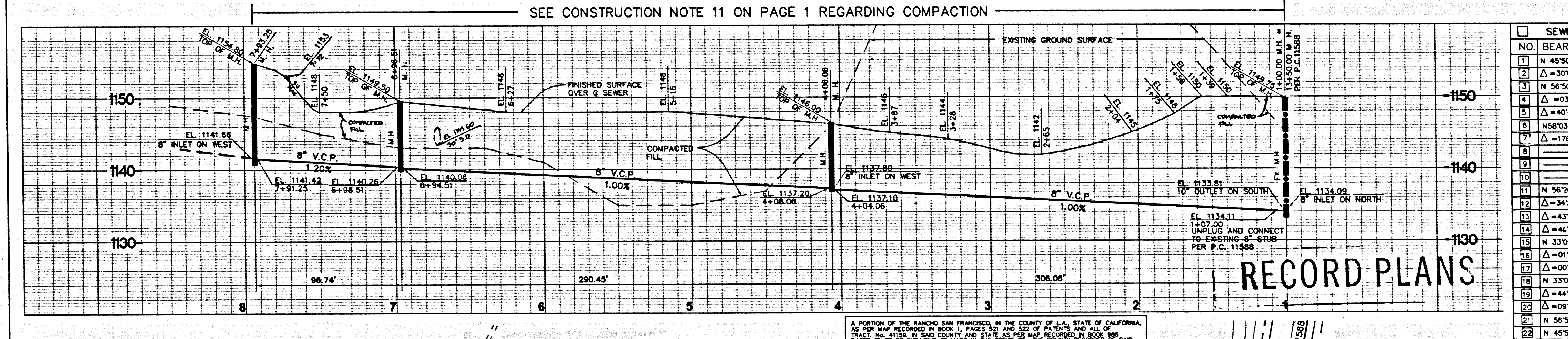
RECORD PLANS

DOUBLE SCALE

THIS SEWER PRIVATE CONTRACT ACCEPTED FOR PUBLIC USE
 8-25-2003
 COUNTY OF LOS ANGELES
 DEPARTMENT OF PUBLIC WORKS
 LAND DEVELOPMENT DIVISION

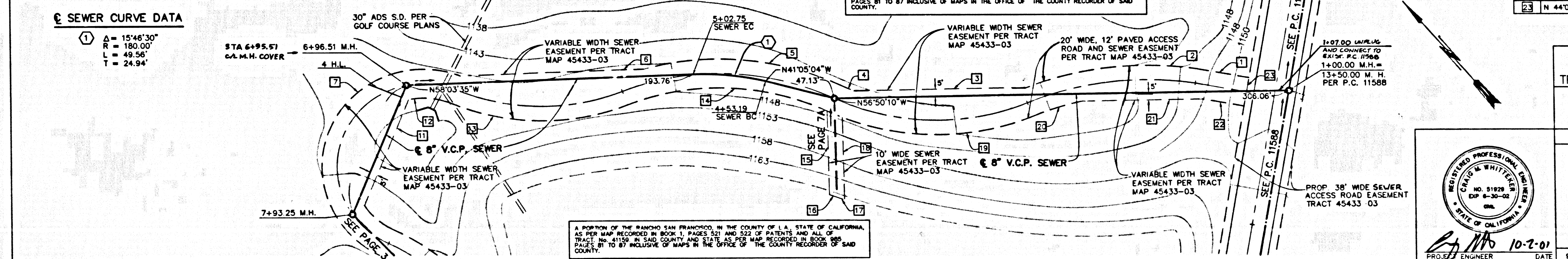
NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES UNLESS A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICT FOR SAID CONNECTION.

ISSUE NO HOUSE LATERAL CONNECTION PERMITS UNTIL OUTLET SEWER PERMITS AND P.C. 11561 ARE ACCEPTED FOR PUBLIC USE BY THE COUNTY OF LOS ANGELES.



SEWER CURVE DATA

Δ = 154°30'
L = 180.00'
T = 49.56'
T = 24.94'



NO. L.A. CO. CHARGES FOR CONNECTION

SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

DOUBLE SCALE

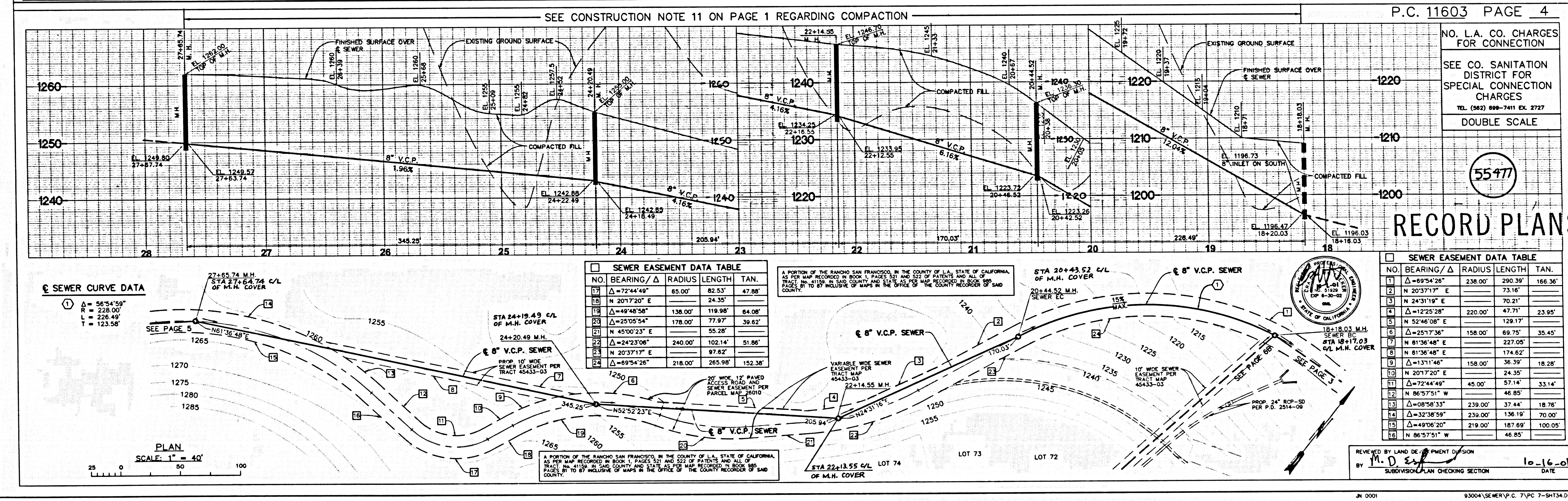
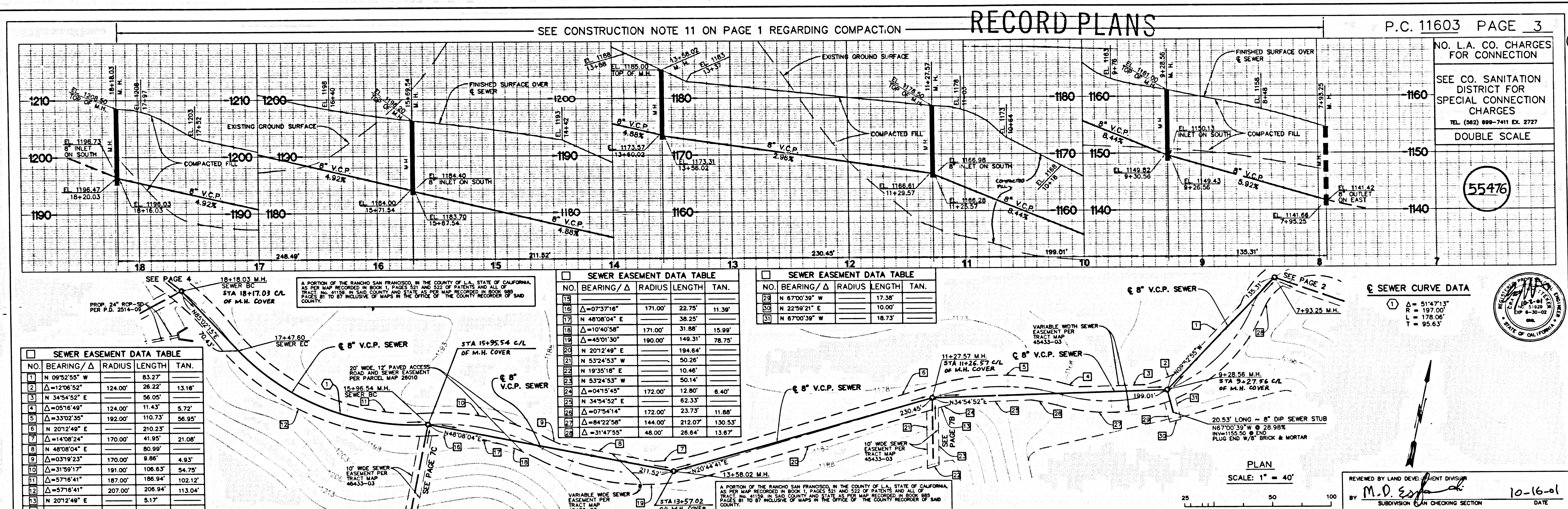
SEWER EASEMENT DATA TABLE

NO.	BEARING, Δ	RADIUS	LENGTH	TAN.
1	N 45°50'36" W		35.16'	
2	Δ = 30°01'25"	225.00'	117.90'	60.34'
3	N 56°50'10" W		115.70'	
4	Δ = 03°39'22"	150.00'	9.57'	4.79'
5	Δ = 40°42'46"	190.00'	135.01'	70.50'
6	N 58°03'35" W		124.91'	
7	Δ = 176°43'18"	68.00'	209.74'	
8				
9				
10				
11	N 56°26'06" E		79.36'	
12	Δ = 34°27'56"	48.00'	28.87'	14.89'
13	Δ = 43°55'36"	160.00'	122.67'	69.53'
14	Δ = 46°49'44"	170.00'	138.64'	73.24'
15	N 33°09'50" E		58.04'	
16	Δ = 01°35'28"	320.00'	8.89'	4.44'
17	Δ = 00°13'51"	450.00'	1.81'	0.91'
18	N 33°09'50" E		57.26'	
19	Δ = 44°07'55"	170.00'	130.94'	68.91'
20	Δ = 09°49'58"	205.00'	35.18'	17.83'
21	N 56°50'10" W		81.39'	
22	N 45°50'36" W		28.30'	
23	N 44°08'33" E		20.00'	

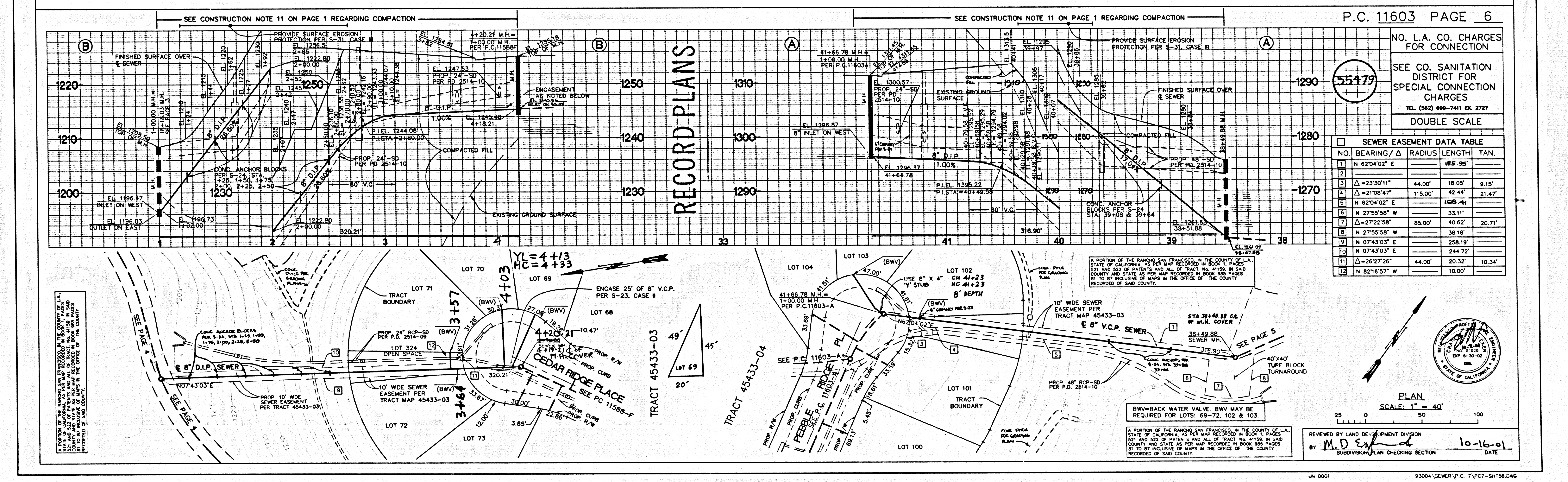
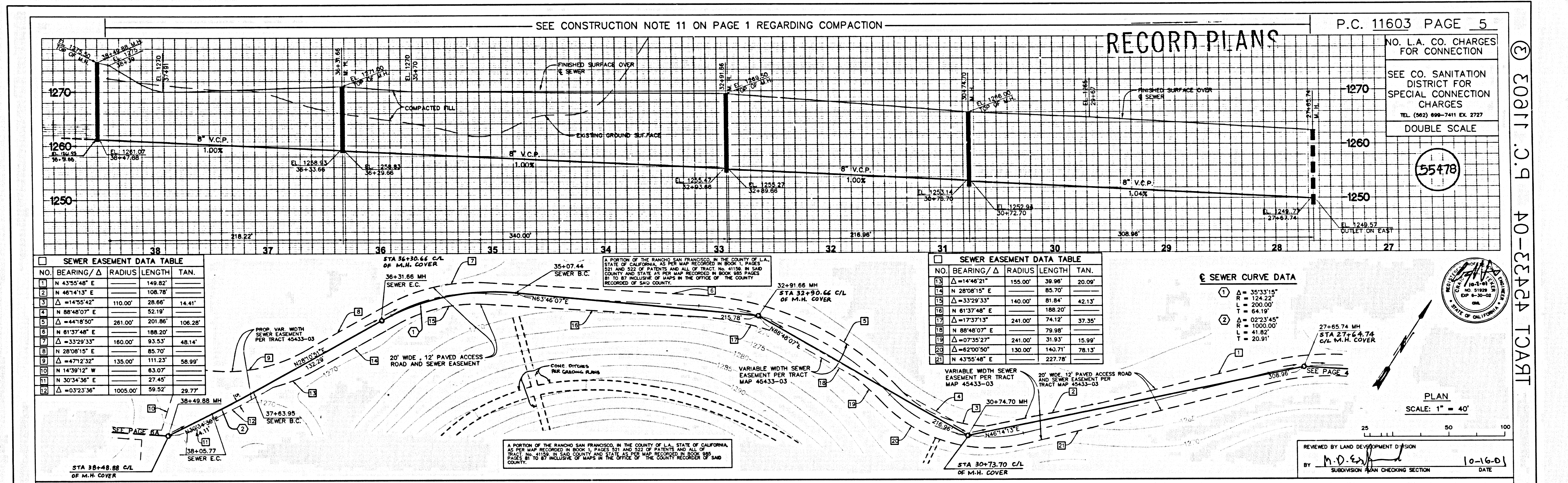
SANITARY SEWER PLANS IN
 TR. 45433-04 PC NO. 11603
 REVISED LAND DEVELOPMENT DIVISION
 BY: M.D. [Signature] 10-16-01 DATE
 SUBMISSION PLAN CHECKING SECTION
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

ALLIANCE
 LAND PLANNING & ENGINEERING INC.
 5962 LAPLACE COURT
 SUITE 130
 CARLSBAD, CA 92008
 TEL: (760) 431-9896

PROF. ENGINEER DATE 10-2-01



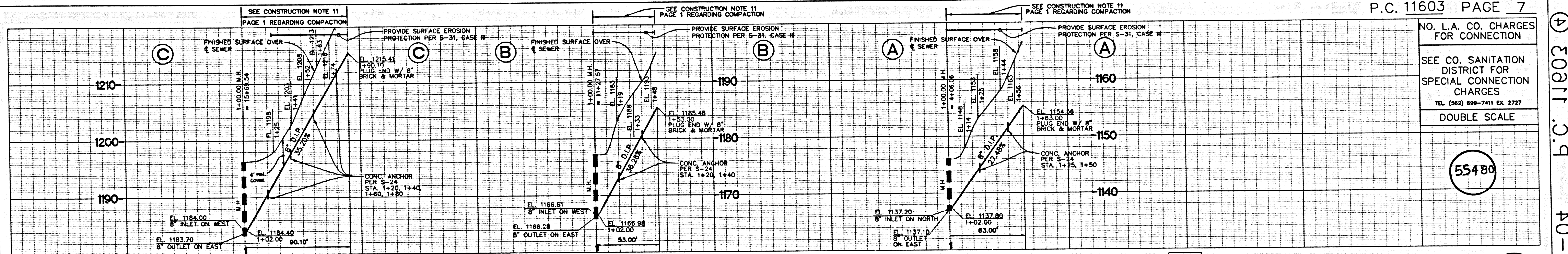
40-33424 T/CART
 10-16-01



TRACT 45433-04

TRACT 45433-04

JN 0001 93004-SEWER P.C. 7-VPC7-SH156.DWG



NO. L.A. CO. CHARGES FOR CONNECTION

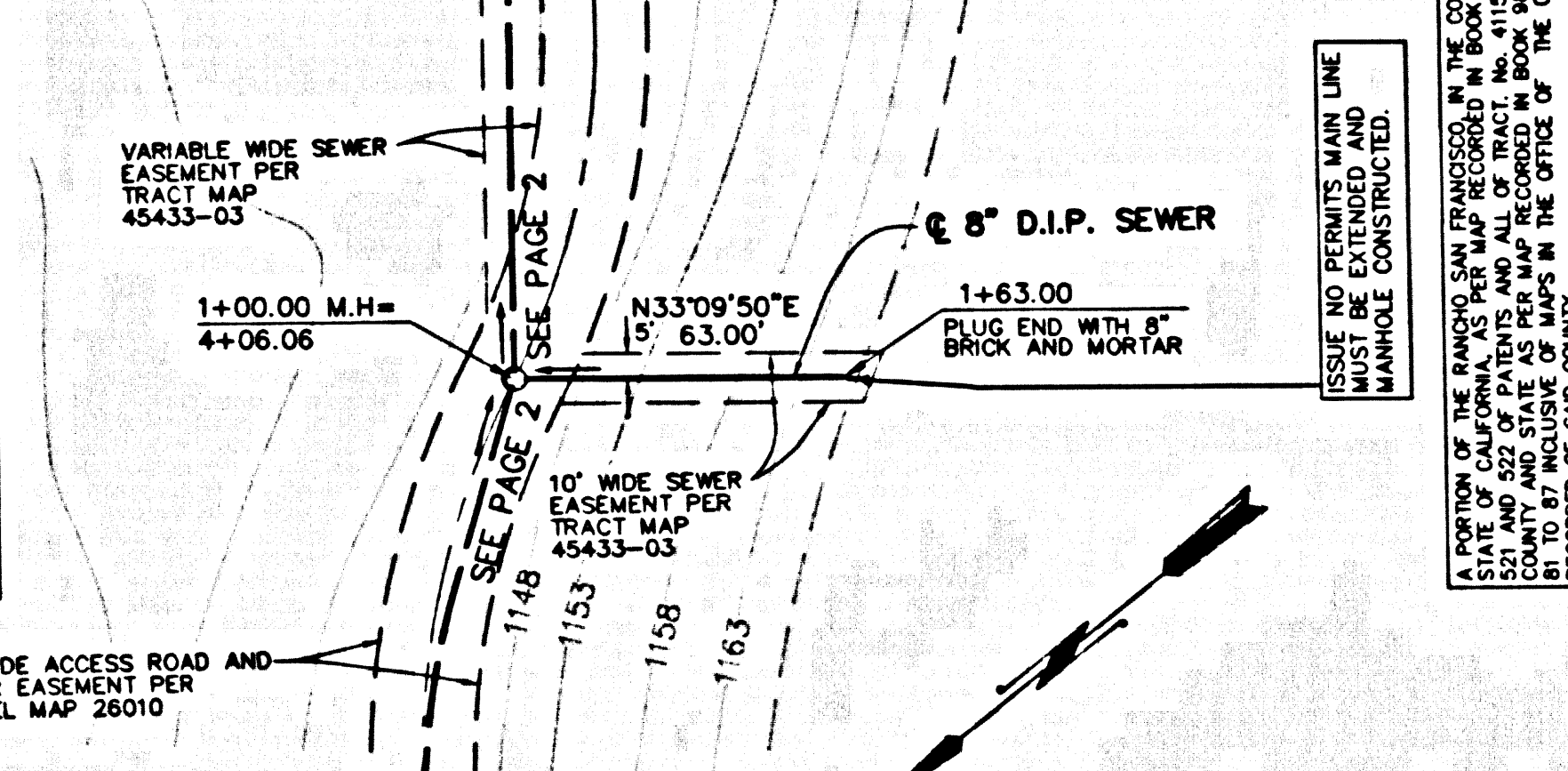
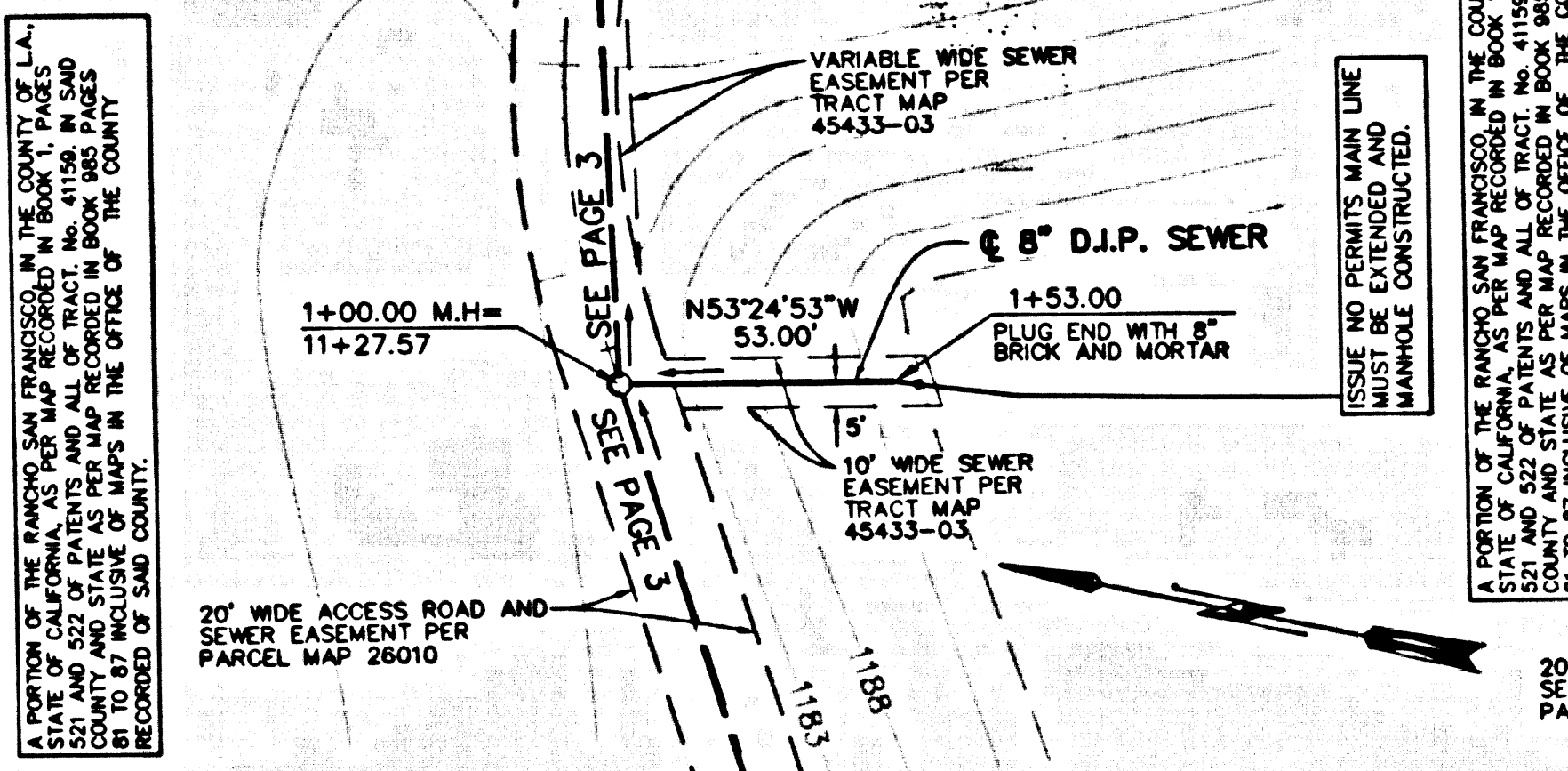
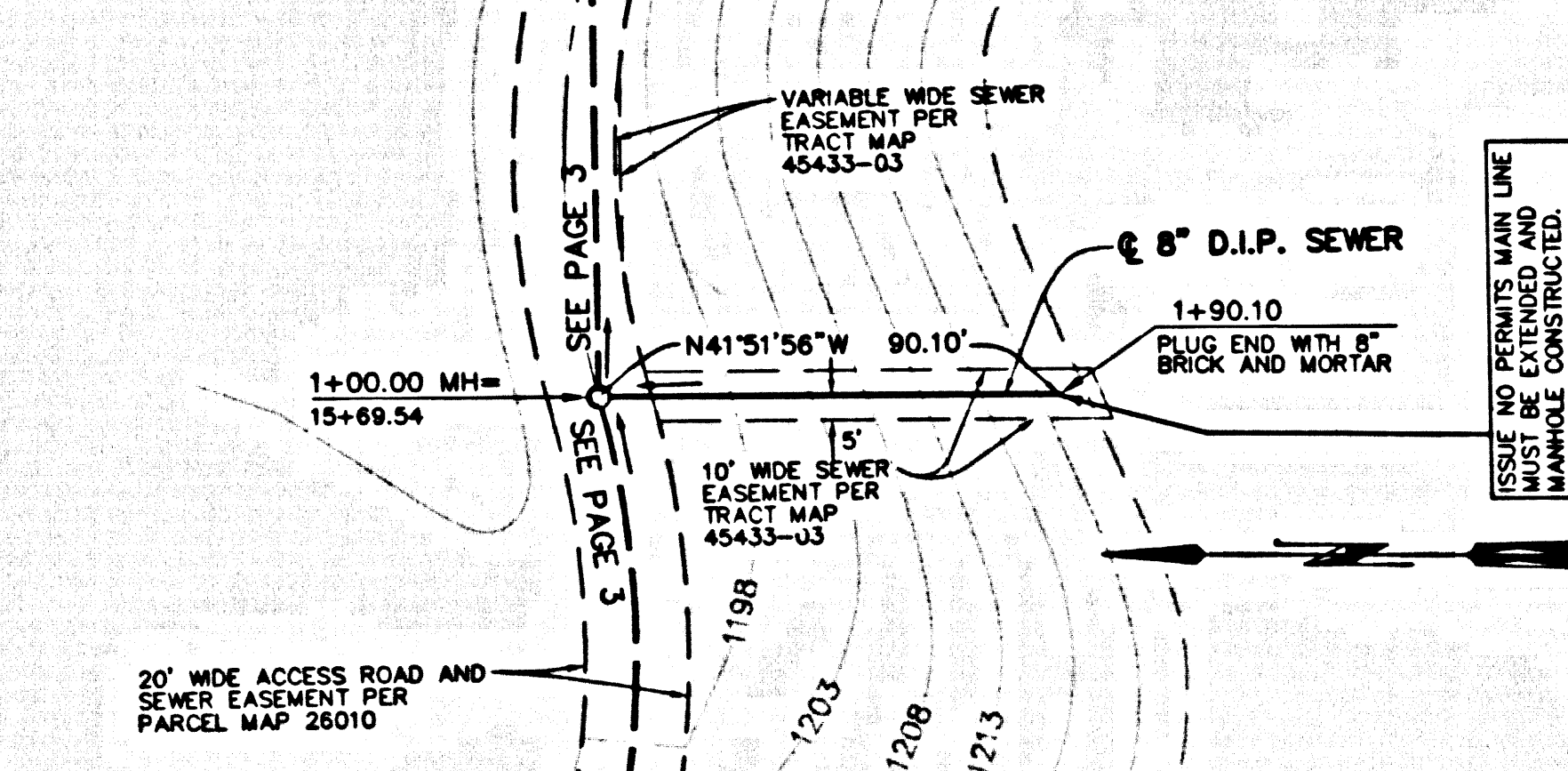
SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

TEL. (562) 899-7411 EX. 2727

DOUBLE SCALE

55480

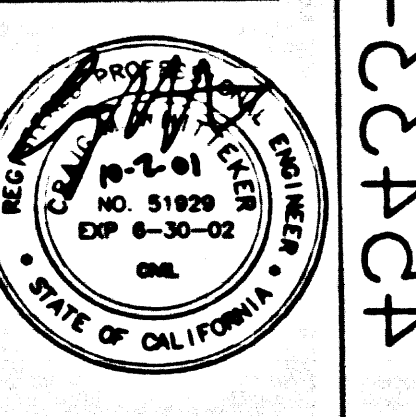
A PORTION OF THE PARCEL MAP SHOWN ON THIS PLAN IS THE PROPERTY OF THE COUNTY OF LOS ANGELES, CALIFORNIA. THE COUNTY OF LOS ANGELES HAS A RECORD OF THE PARCEL MAP IN THE OFFICE OF THE COUNTY CLERK, 400 SOUTH MAIN STREET, LOS ANGELES, CALIFORNIA 90012. ANY CHANGES TO THIS PLAN MUST BE MADE BY THE COUNTY OF LOS ANGELES.



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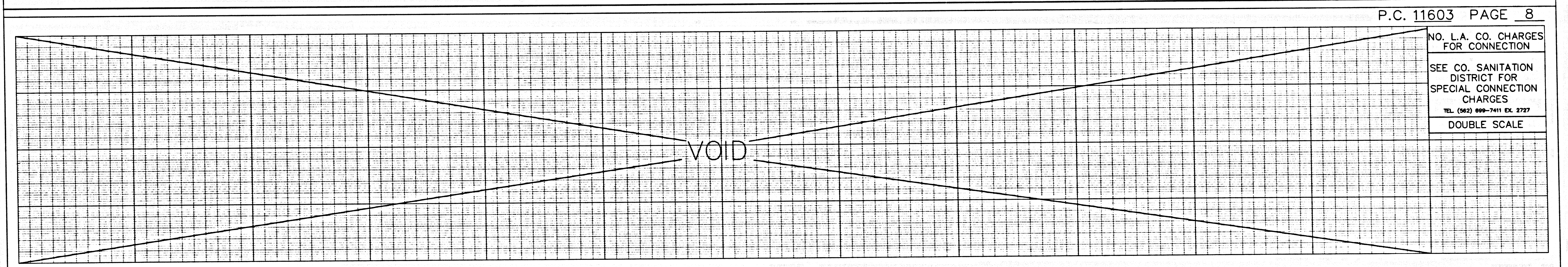
PLAN
SCALE: 1" = 40'

REVIEWED BY LAND DEVELOPMENT DIVISION
BY: M.D. [Signature]
SUBDIVISION PLAN CHECKING SECTION DATE: 10-16-62



RECORD PLANS

LAVCL 42432-04 NO 33424 TAABT P.C. 11603 PAGE 7



P.C. 11603 PAGE 8

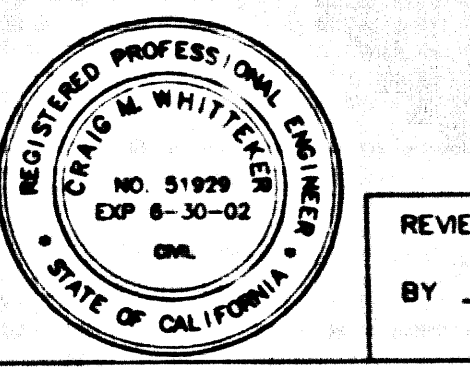
NO. L.A. CO. CHARGES FOR CONNECTION

SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

TEL. (562) 899-7411 EX. 2727

DOUBLE SCALE

PLAN
SCALE: 1" = 40'



REVIEWED BY LAND DEVELOPMENT DIVISION
BY: _____
SUBDIVISION PLAN CHECKING SECTION DATE: _____