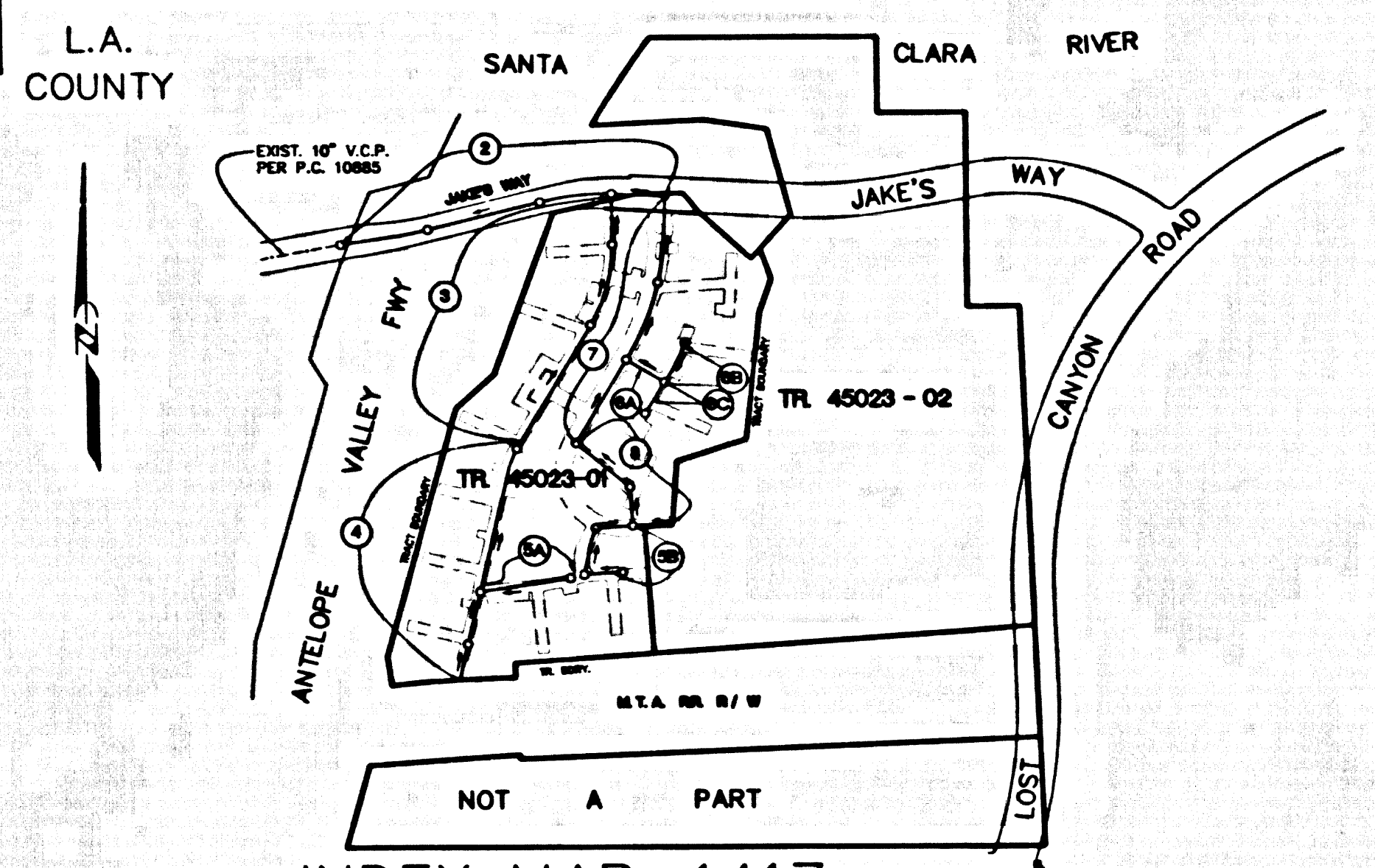


BENCH MARK
I & T IN N CB 4 FT. E/O BCR AT NE COR.
SOLEDAD CYN. RD. & DEEP CREEK DR. 42 FT.
N. & 81 FT. E/O APPROX. C/L INT.
QUAD-YEAR: NEWELL (1995), B.M. NO. L 4595
ELEV. 1501.585



INDEX MAP-1417
TRACT NO. 45023-01
P.C. 11478
T.G. 4552-A3 N-1417
SCALE: 1" = 400'

Table with 5 columns: NO., REVISION, REVISED BY, APPROVED BY, DATE. Contains one revision entry.

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

- 1. Eroded sediments and other pollutants must be retained on site and may not be transported from the site...
2. Stockpiles of earth and other construction related materials must be protected from being transported from the site...
3. 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...
4. Excess or waste concrete may not be washed into the public way or any other drainage system...
5. Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and dispersed by wind...
6. Sediments and other materials may not be tracked from the site by vehicle traffic...
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
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
CA023 - Sanitary/Sepic Waste Management
CA032 - Vehicle and Equipment Cleaning
CA033 - Vehicle and Equipment Fueling
CA037 - Vehicle and Equipment Maintenance
ES001 - Scheduling
ES002 - Preservation of Existing Vegetation
ES010 - Seeding and Planting
ES011 - Mulching
ES020 - Geotextiles and Mats
ES021 - Dust Controls
ES022 - Temporary Stream Crossing
ES023 - Construction Road Stabilization
ES024 - Stabilized Construction Entrance
ES034 - Storm Drain Inlet Protection

LEGEND
2000-0 MINIMUM PUBLIC SAFETY REQUIREMENTS
6008-0 BRICK MANHOLE
2015-0 STANDARD MANHOLE STEP
2021-0 BEDDING FOR SEWER PIPE
2023-0 CRADLING AND ENCASUREMENT
2024-0 WYE OR TEE SUPPORT
2027-0 ALLOWABLE TRENCH WIDTHS
2030-0 LOCKING MANHOLE FRAME AND COVER
2001-0 NON-REINFORCED PRECAST CONCRETE MANHOLE
2010-0 BREAK INTO EXISTING MANHOLE
2222-0 SPECIAL HOUSE LATERALS
2008-0 EROSION PROTECTION IN STEEP SLOPES
2221-0 ANCHOR BLOCKS
2026-0 JACKING STEEL CASING FOR SEWER PIPE
2020-0 CHIMNEYS
* REFERS TO A.P.W.A. STD. DRAWING NO.

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...
2. Prior to issuance of any permit, the contractor shall file a permit for acceptances and trenches from the State of California Division of Industrial Safety...
3. If work is done in a State Highway, a permit must be obtained from the State of California Division of Highways...
4. When work is within a contract city, the contractor must contact the Director of Public Works of that city...
5. The contractor shall contact the district office listed on the "Application for Construction Permit" to arrange for an acceptable construction start date...
6. Approved 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...
7. All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction...
8. The contractor's attention is directed to Section 7-10.4.1 of the Standard Specifications for Public Works Construction...
9. Elevations are in feet above U.S.C. & G.S. and level datum of 1928.
10. No revisions shall be made in these plans without the approval of the Director of Public Works.
11. No representative of the Department of Public Works will survey or lay out any portion of the work.
12. Grades to which this improvement is to be constructed are shown on plans and profiles. Grade points for top of curbs, centerlines of streets, or centerlines of alleys, are shown by circles on profiles at points between designated points...
13. The private engineer shall furnish the Department of Public Works with grade sheets and staking for all house laterals and "T" or "Y" branches and shall provide stakes for them at their proper locations with staking plainly marked...
14. 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 clay pipe joints shall be type "D" or "C" 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 5-23, case II, two feet on each side from the point of interference.
4. 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.
5. House laterals to be constructed with four feet of the property line 8 feet below curb grade except as noted.
6. Wye or tee branches may be used for connections to the mainline sewers 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 pipes shall be encased per standard plan 5-23, case I, unless otherwise approved by the Director of Public Works.
8. All structures shall be either brick sewer manholes per standard plan 5-3 or precast concrete sewer manholes per standard plan 5-38, or reinforced precast concrete manholes per standard plan 5-8, except as noted.
9. Resurfacing of trenches with paved areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permits.
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 equivalent by a qualified civil engineer shall be provided by the permittee prior to the issuance of a certificate of partial acceptance.
11. All backfill and the outside of the street right of way shall be compacted to 90% of the maximum density as determined by ASTM soil compaction test D 1557-78 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 rights of way to be six inches above finished grade.
13. Sewers to be tested for leakage per section 308-1.7.4 of the standard specifications and special provisions.

55228

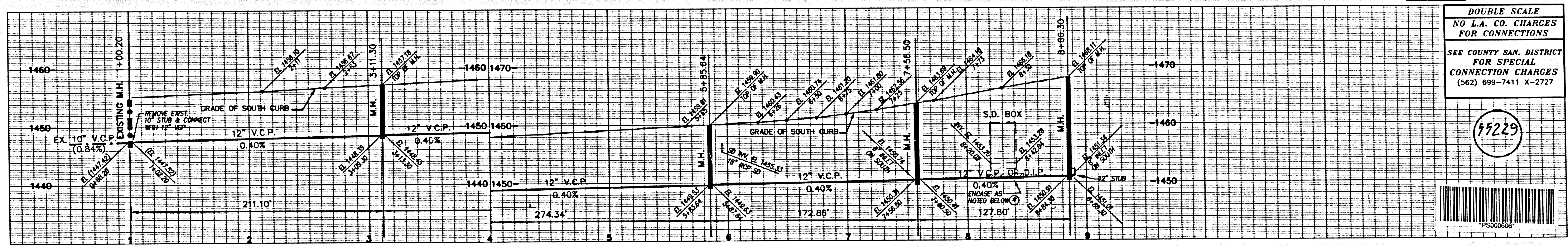
PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS
TO BE CONSTRUCTED IN
TRACT NO. 45023-01 PC NO. 11478
4 SHEETS: 8 PAGES
INDEX MAP - 1417
COUNTY OF LOS ANGELES CALIFORNIA

HARRY W. STONE DIRECTOR OF PUBLIC WORKS
APPROVED: LAND DEVELOPMENT DIVISION
By: [Signature] 5/23/00
SUBMITTED BY: [Signature] 5/23/00

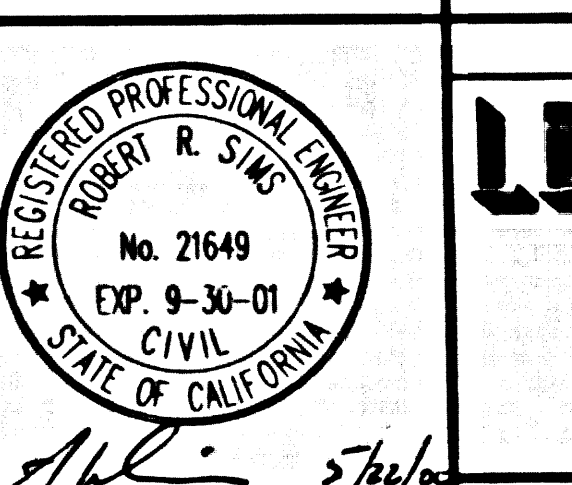
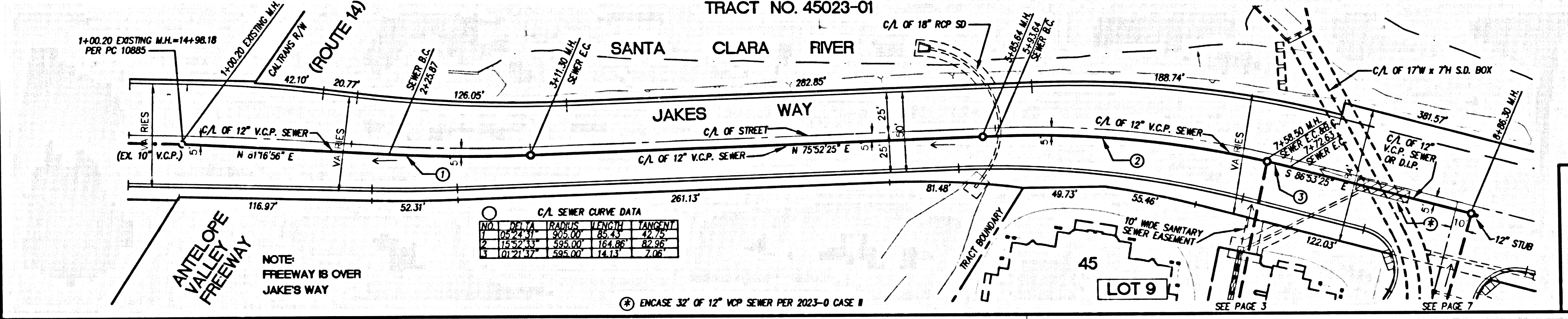
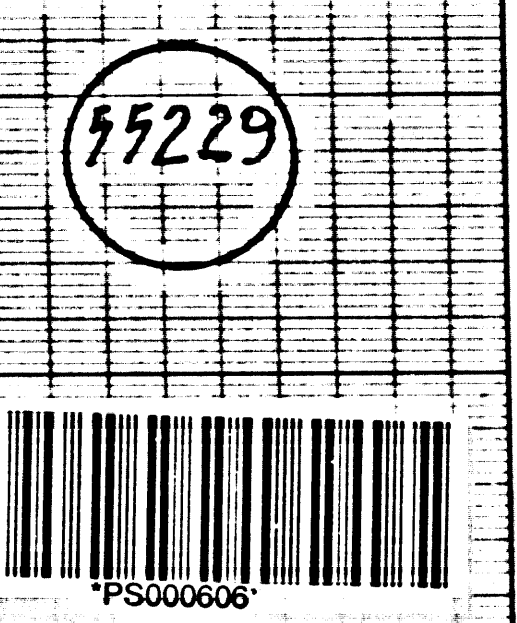
APPROVED: COUNTY SANITATION DISTRICT
OF LOS ANGELES CALIF.
CHARLES W. CARRY - CHIEF ENGINEER AND GENERAL MANAGER
COUNTY SANITATION DISTRICT NO. 26
By: [Signature] DATE: 5/23/00

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...
RICE NO. 5/23/00 JATE

P.C. 11478 PAGE 2

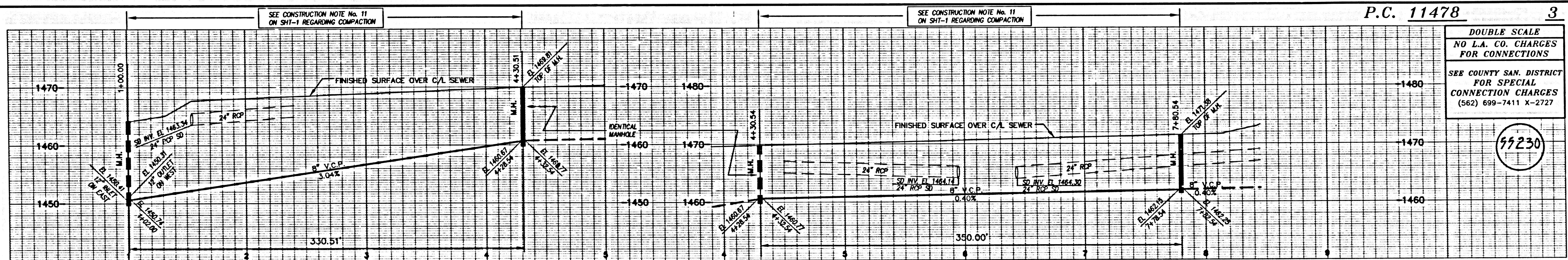


DOUBLE SCALE
NO L.A. CO. CHARGES
FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT
FOR SPECIAL
CONNECTION CHARGES
(562) 699-7411 X-2727



SANITARY SEWER PLANS IN
TRACT NO. 45023-01 P.C. NO. 11478
REVIEWED BY LAND DEVELOPMENT DIVISION
By: [Signature] 5/23/00
COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
LDC LAND DESIGN CONSULTANTS, INC.
Land Planning, Civil Engineering, Surveying & Environmental Services
225 South Lake Avenue, Suite 600
Pasadena, Ca 91101
(626) 578-7000
33071-002 Project No.

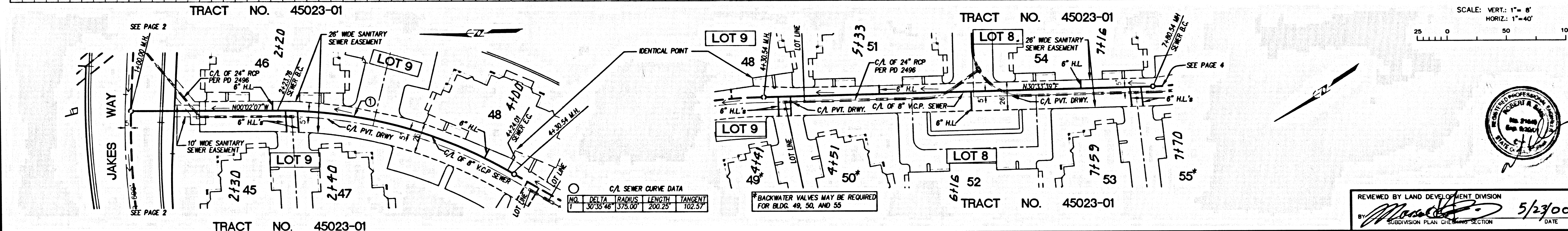
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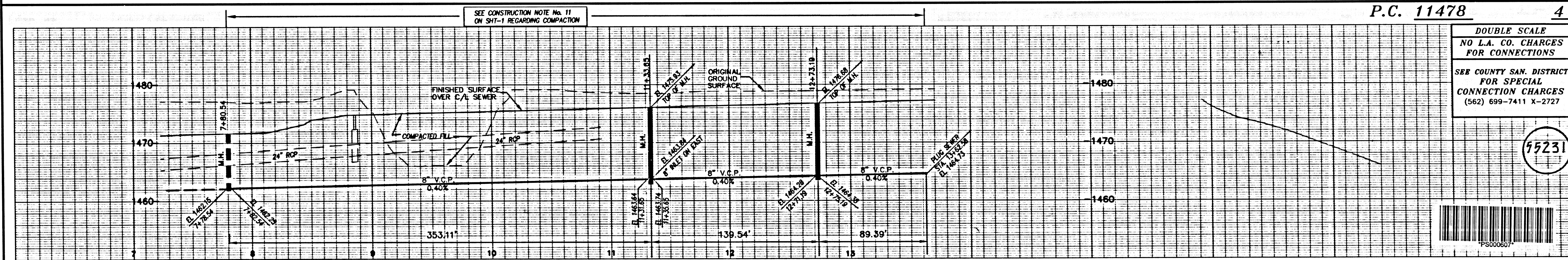
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NO L.A. CO. CHARGES
FOR CONNECTIONS
SEE COUNTY SAN. DISTRICT
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55230



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HORIZ: 1"=40'

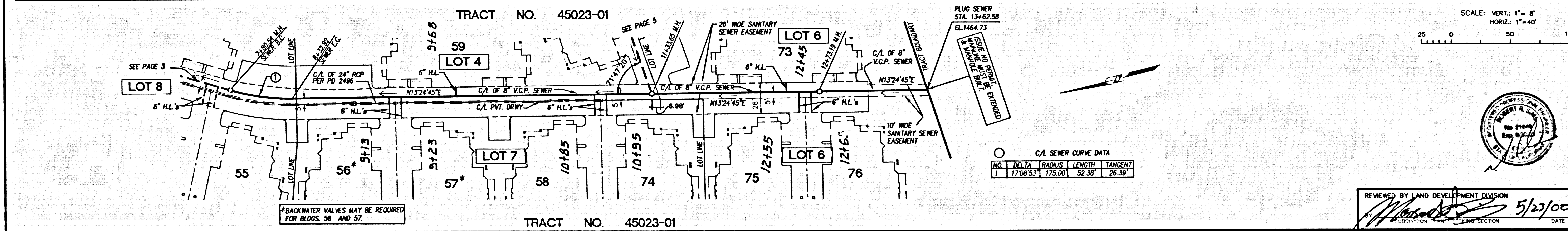
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5/23/00
DATE



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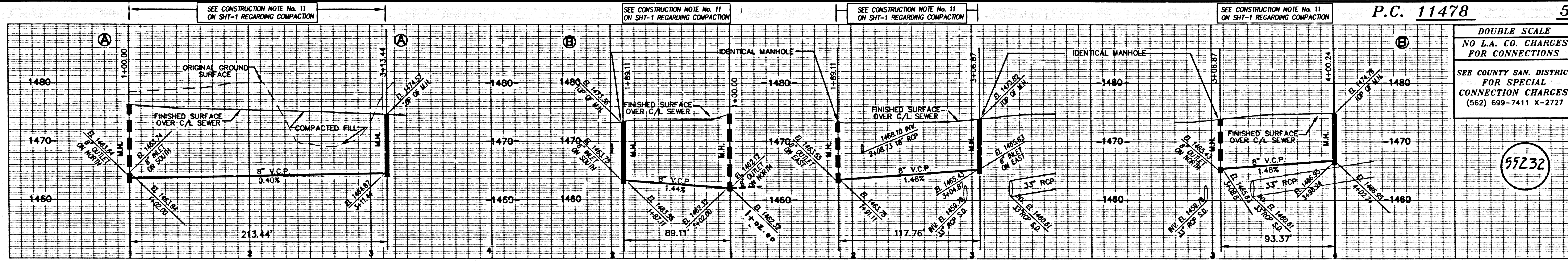
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5/23/00
DATE

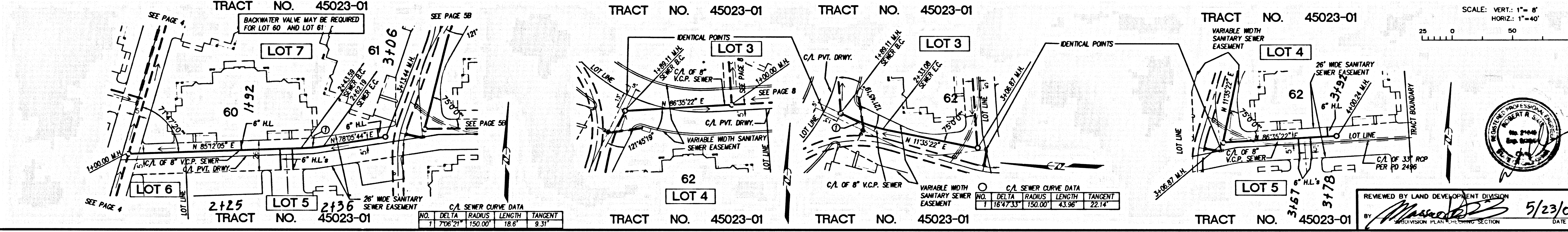
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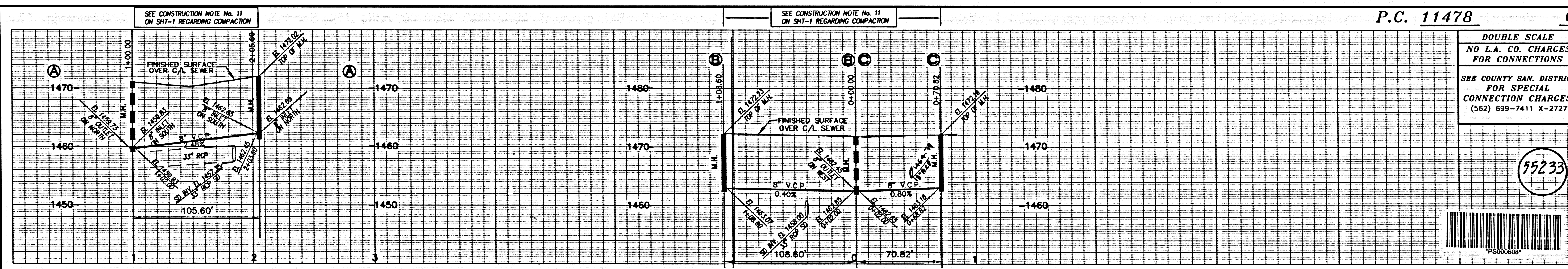
P.C. 11478 5

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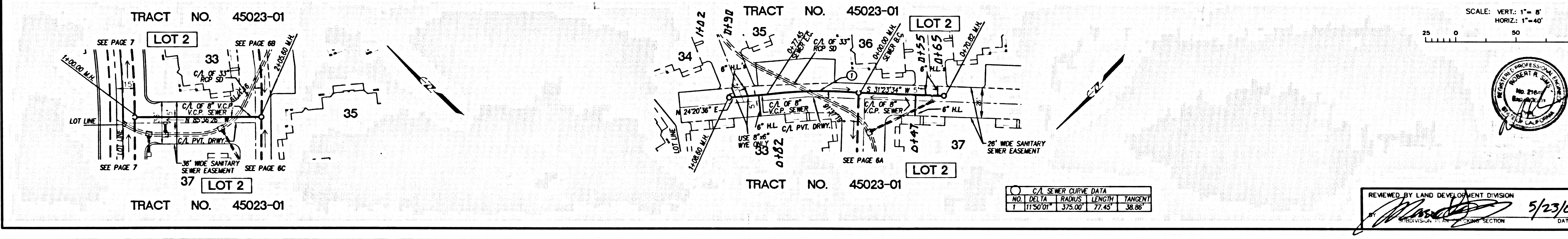
REVIEWED BY LAND DEVELOPMENT DIVISION
DATE 5/23/00



P.C. 11478 6

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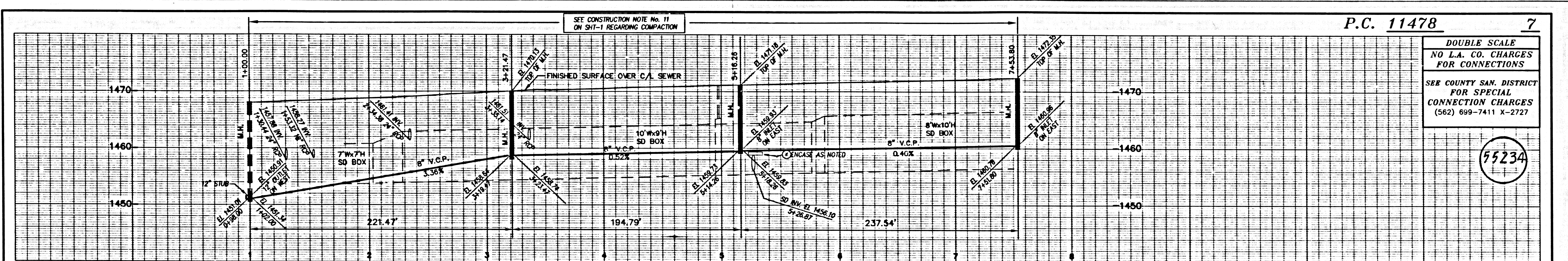


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DATE 5/23/00

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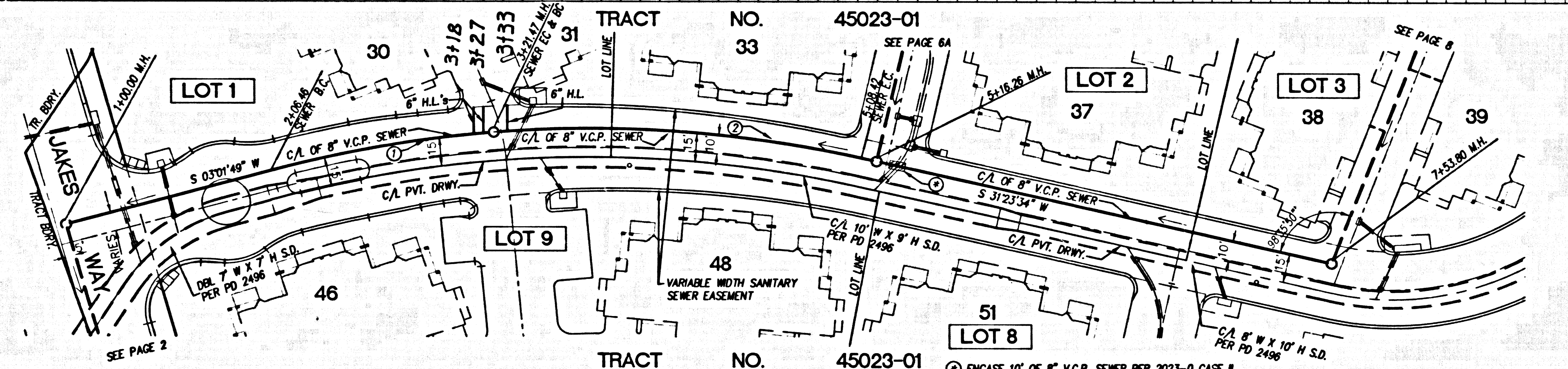


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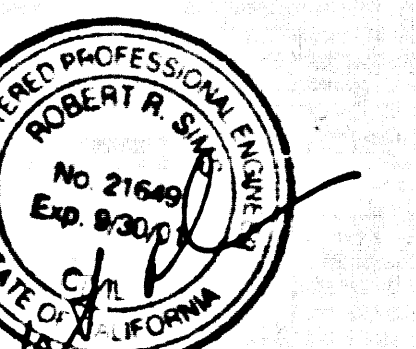
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SEE COUNTY SAN. DISTRICT
FOR SPECIAL
CONNECTION CHARGES
(562) 699-7411 X-2727

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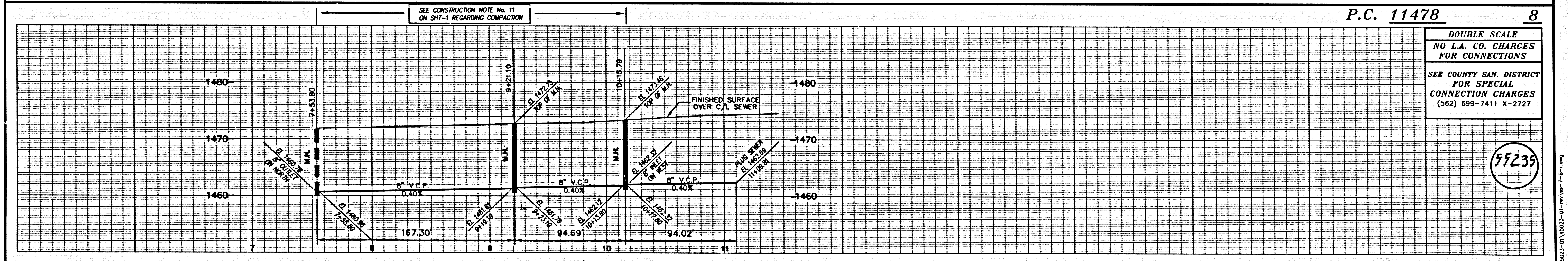
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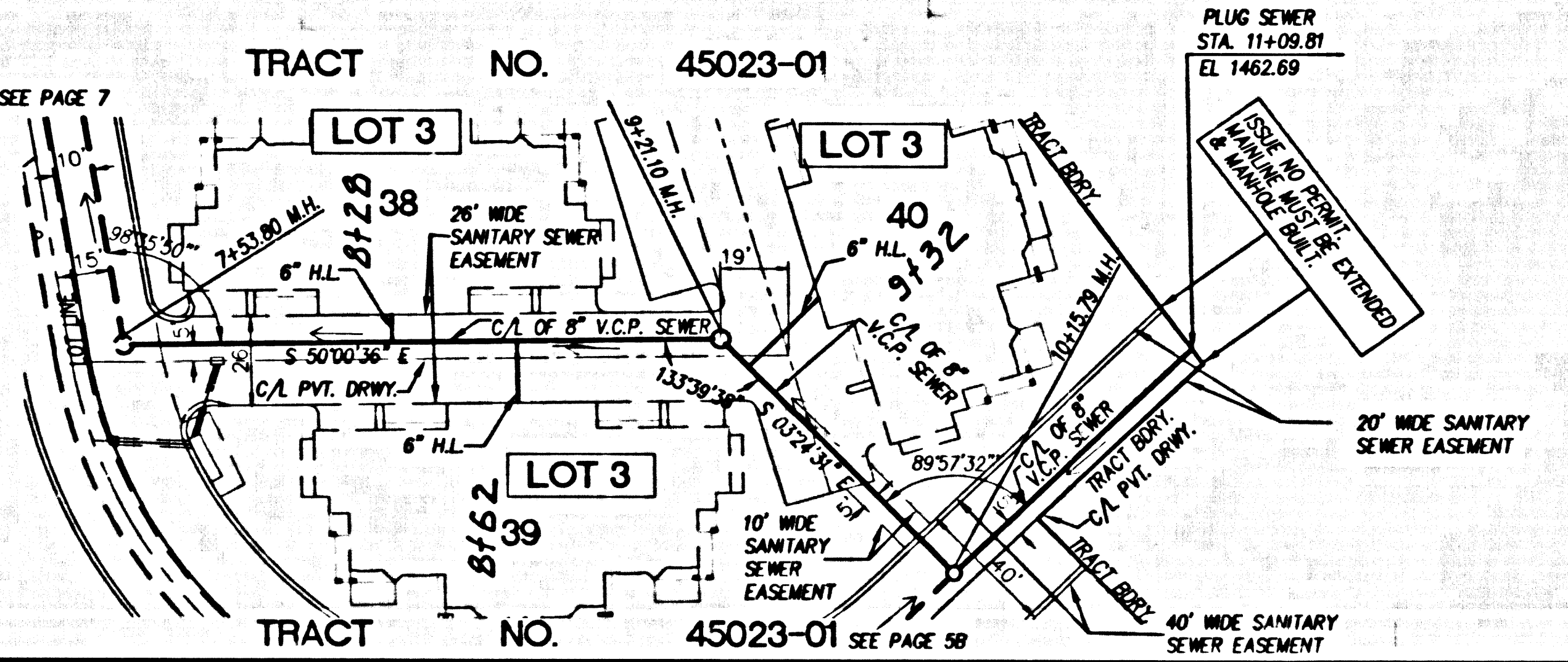
REVIEWED BY LAND DEVELOPMENT DIVISION
SUBDIVISION PLAN CHECKING SECTION
5/23/00



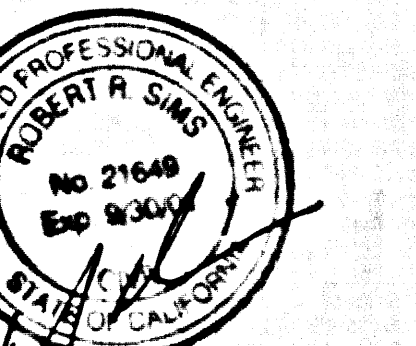
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CONNECTION CHARGES
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SCALE: VERT: 1" = 8'
HORIZ: 1" = 40'



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SUBDIVISION PLAN CHECKING SECTION
5/23/00

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