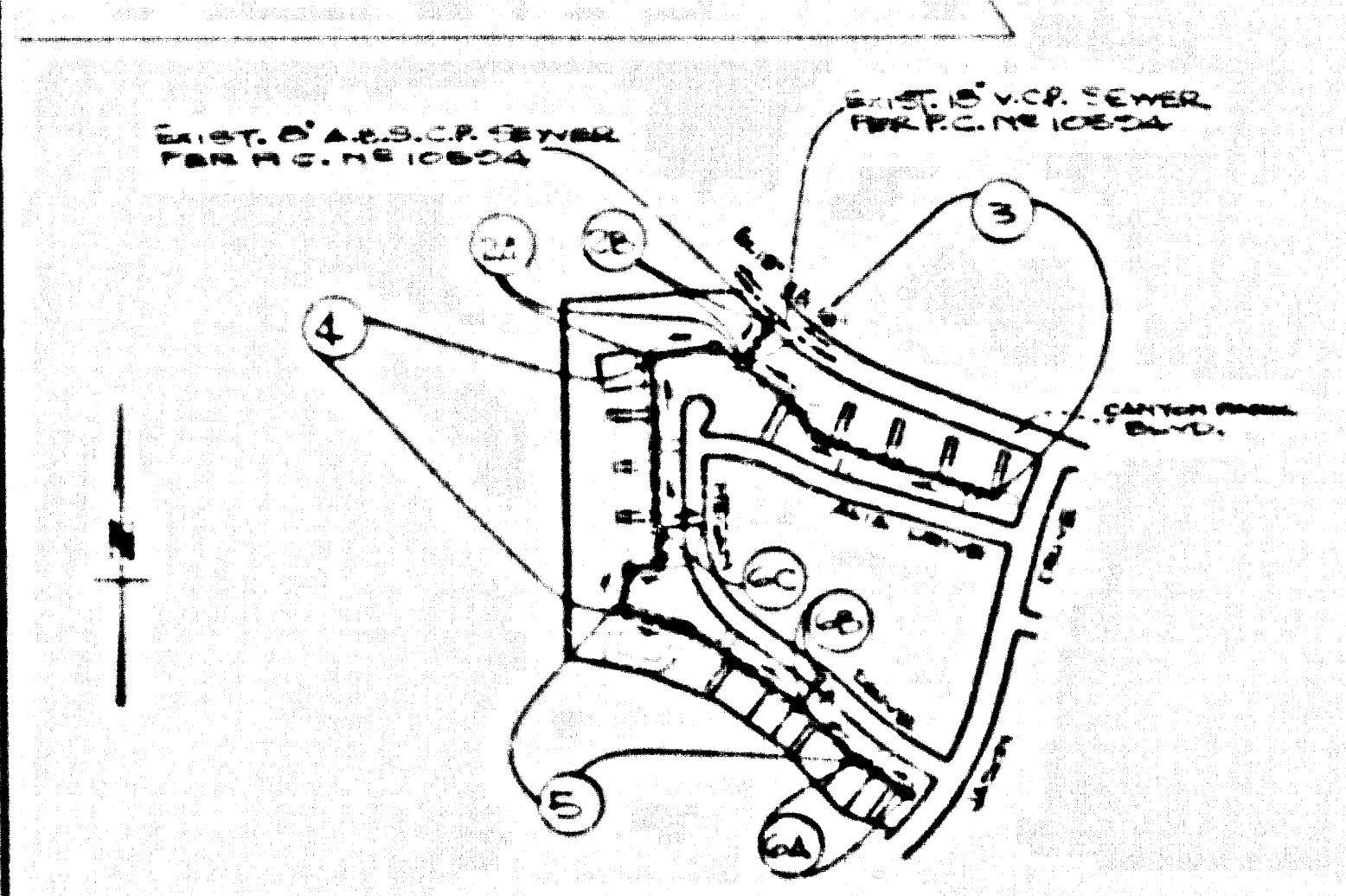


BENCH MARKS
 BM CLE007 Elev 452.521
 BENCH MARK IN EFT WING WALL SET 100' FROM SOUTHWEST CORNER OF TRACT 44492
 SIERRA HWY. & O.S. MI 90 SERRA CYN RD
 N. 47144



NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS EXCEPT ON THESE DRAINAGE UNITS, A PERMIT FOR INDUSTRIAL WASTEWATER 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 (805) 266-6663 SO THAT REQUIRED INSPECTIONS CAN BE MADE.

KEY MAP
 SCALE 1" = 600'
 11088 1417
 4511 2544

REVISIONS

1. REVISE GRADE OF SEWER IN SECTION 2-B CONSULTANTS TO AVOID 18" D. FROM 2-B TO 2-C. SEE PLAN 2-B/10/12

2. SPEC. CHANGES TO MASS PARTS 2-B/10/12

3. 11/18/18

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

- Filled sediments and other pollutants must be retained on site and may not be transported from the site to other areas, unless they are placed in approved containers or used.
- Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.
- Earth fill, sediments and other fill materials must be stored in accordance with their filling and use. No contaminants, such as oil, paint, or other hazardous materials, shall be stored on site. All approved storage containers are to be protected from the weather. They must be covered or enclosement and equipped with a spill prevention. Spills may not be washed into the drainage system.
- Excess of earth 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.
- Topsoil and construction related solid wastes must be deposited into a covered receptacle to prevent contamination of concrete and exposure by wind.
- Sediments and other materials may not be tracked from the site by vehicle traffic. The construction site shall be maintained to prevent soil erosion. Sediment traps shall be installed on the public way. All other regulations must be kept up, verifiably and may not be waived even by sign or other means.
- All areas with disturbed site or reduced vegetation must be stabilized as to prevent erosion by wind or water.

1000 - WATERING OPERATIONS	1510 - SEEDING AND PLANTING
1010 - EROSION CONTROL	1520 - MULCHING
1020 - CONSTRUCTION AND PAINTING	1530 - SODIFICATION AND MATS
1030 - MATERIAL DELIVERY AND STORAGE	1540 - SOIL STABILIZATION
1040 - SITE RESTORATION	1550 - TRAIL MARKS, TRAIL SIGNING
1050 - HAZARDOUS WASTE MANAGEMENT	1560 - CONSTRUCTION ROAD STABILIZATION
1060 - HAZARDOUS WASTE MANAGEMENT	1570 - CONSTRUCTION ROAD STABILIZATION
1070 - HAZARDOUS WASTE MANAGEMENT	1580 - CONSTRUCTION ROAD STABILIZATION
1080 - HAZARDOUS WASTE MANAGEMENT	1590 - CONSTRUCTION ROAD STABILIZATION
1090 - HAZARDOUS WASTE MANAGEMENT	1600 - CONSTRUCTION ROAD STABILIZATION
1100 - HAZARDOUS WASTE MANAGEMENT	1610 - CONSTRUCTION ROAD STABILIZATION
1110 - HAZARDOUS WASTE MANAGEMENT	1620 - CONSTRUCTION ROAD STABILIZATION
1120 - HAZARDOUS WASTE MANAGEMENT	1630 - CONSTRUCTION ROAD STABILIZATION
1130 - HAZARDOUS WASTE MANAGEMENT	1640 - CONSTRUCTION ROAD STABILIZATION
1140 - HAZARDOUS WASTE MANAGEMENT	1650 - CONSTRUCTION ROAD STABILIZATION
1150 - HAZARDOUS WASTE MANAGEMENT	1660 - CONSTRUCTION ROAD STABILIZATION
1160 - HAZARDOUS WASTE MANAGEMENT	1670 - CONSTRUCTION ROAD STABILIZATION
1170 - HAZARDOUS WASTE MANAGEMENT	1680 - CONSTRUCTION ROAD STABILIZATION
1180 - HAZARDOUS WASTE MANAGEMENT	1690 - CONSTRUCTION ROAD STABILIZATION
1190 - HAZARDOUS WASTE MANAGEMENT	1700 - CONSTRUCTION ROAD STABILIZATION

STANDARD PLANS
 THE STANDARD PLANS OF THE SANITATION DISTRICTS AND ON FILE IN THE OFFICE OF THE COUNTY DEPARTMENT SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

CONSTRUCTION NOTES CONT'D.

14. ALL SANITATION SEWER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIAL PROVISIONS REQUIRED FOR THE INSTALLATION OF A B.S. COMPOSITE PIPE.
15. MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
16. A B.S. SOLID BALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A B.S. COMPOSITE MANHOLE SEWER PIPE.
17. A B.S. COMPOSITE PIPE SHALL BE BEDDED IN CONFORMANCE WITH THE TABLE IN SECTION B-31 OF PART IV OF THE SPECIAL PROVISIONS.
18. THREE DEGREE DEFLECTION COMPLIERS ARE REQUIRED FOR RADII OF CURVATURE LESS THAN 180 FEET WHEN USING B.S. COMPOSITE PIPE.
19. NO CONNECTION FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A B.S. COMPOSITE PIPE IS USED.
20. SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR BENDING PIPE LINES WHEN USING PLASTIC PIPE. BENDING A B.S. COMPOSITE PIPE.
21. ALL WYE AND HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
22. A B.S. SOLID BALL PIPE IS NOT ACCEPTABLE FOR USE AS MANHOLE SEWER.
23. THE WYE BRANCHES ARE TO BE USED FOR CONNECTION TO A B.S. COMPOSITE MANHOLE SEWER PIPE.

ISSUE NO W.L. CONNECTION PERMITS UNTIL OUTLET SEWER P.C. 11399 IS ACCEPTED FOR PUBLIC USE BY LOS ANGELES COUNTY.

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, excavation and related work to the Department of Public Works of the Permit Counter, 800 South Franklin Avenue, 3rd Floor, Los Angeles, California 90017, at least 10 business days prior to starting work under this permit. Copies of all other required permits, such as Road Excavation, Utility, etc., must be filed with the permit application.
2. Prior to issuance of any permit, the contractor shall file a permit for excavation 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, room 600, the Certificate number to be included in the permit application.
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 contractor's jurisdiction, 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 available construction start date.
6. 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. The contractor shall be liable.
7. All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction" including Amendments and the latest edition of the "Manual for the Construction of Sanitary Sewers and shall be prosecuted only in the presence of the Department of Public Works.
8. The contractor shall be liable for the cost of the Standard Specifications for Public Works Construction, in regard to safety signs and shall conform to the "Minimum Public Safety Requirements" as shown on Los Angeles Department of Public Works Standard S-7.
9. Excavation shall be kept above U.S.C. & G.S. and shall conform to 1929.
10. No representation of the Department of Public Works shall be made by any person or firm.
11. No work shall be done on any part of the sewer line or structure which is shown on the plans or in the field notes, or in any other part of the project, unless the contractor shall be notified in writing by the Department of Public Works.
12. The contractor shall be liable for the cost of the Standard Specifications for Public Works Construction, in regard to safety signs and shall conform to the "Minimum Public Safety Requirements" as shown on Los Angeles Department of Public Works Standard S-7.
13. The contractor shall be liable for the cost of the Standard Specifications for Public Works Construction, in regard to safety signs and shall conform to the "Minimum Public Safety Requirements" as shown on Los Angeles Department of Public Works Standard S-7.
14. The private engineer shall furnish the house lateral draft of the property line have the lot of the sewer for each house later on the job site sheet.

CONSTRUCTION NOTES

1. Private survey stakes on the property line or property lines produced at right angles to the sewer line of the sewer line of work required.
2. Verified city pipe joints shall be type "D" or "T" per standard specifications section 208-2.
3. If a pipe joint is within three feet of the sewer, the sewer shall be encased per standard plan 2-23, case 1, two feet on each side in the point of structure.
4. All pipe between last man pipe and verified city shall be made with a rubber seal joint, type "D" with bedding of the sewer, per standard specifications section 208-2.
5. House laterals to be constructed with manholes at the property line & feet below curb grade except as noted.
6. Use of tee branches may be used for connections to the manhole, unless otherwise noted.
7. If during the course of construction it is determined that there is less than five feet of cover over the top of a manhole or structure, the contractor shall be notified in writing by the Department of Public Works, room 600, the Certificate number to be included in the permit application.
8. All structures shall be built with a minimum of 18" concrete base manholes per standard plan 2-38, or reinforced precast concrete manholes per standard plan 2-40, except as noted.
9. Manholes shall be constructed with manholes at the property line & feet below curb grade except as noted.
10. Manholes shall be constructed with manholes at the property line & feet below curb grade except as noted.
11. All manholes and structures shall be constructed with a minimum of 18" concrete base manholes per standard plan 2-38, or reinforced precast concrete manholes per standard plan 2-40, except as noted.
12. Manholes shall be constructed with manholes at the property line & feet below curb grade except as noted.

DOUBLE SCALE

PROFILE, ALIGNMENT AND GRADE OF

SANITARY SEWERS

TRACT NO. 44492 PC NO. 11399

3 SHEETS, 6 PAGES

INDEX 1417

COUNTY OF LOS ANGELES CALIFORNIA

APPROVED BY: *Ronald L. Anderson* 6/14/98
 COUNTY ENGINEER

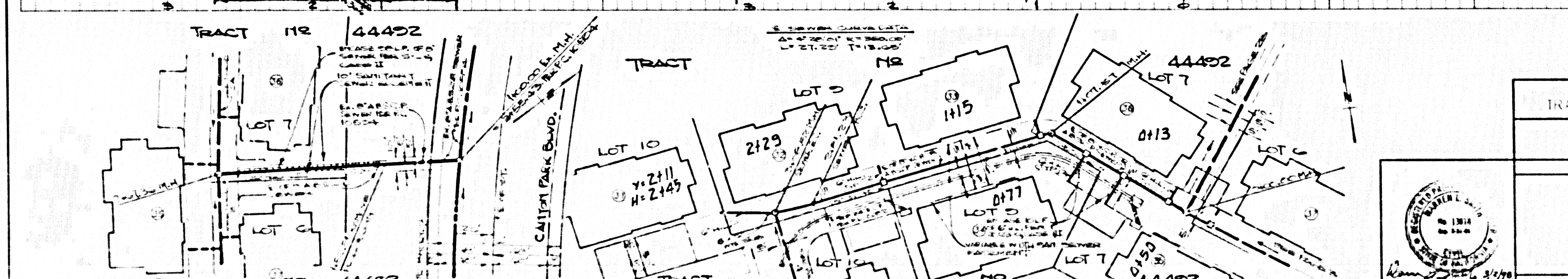
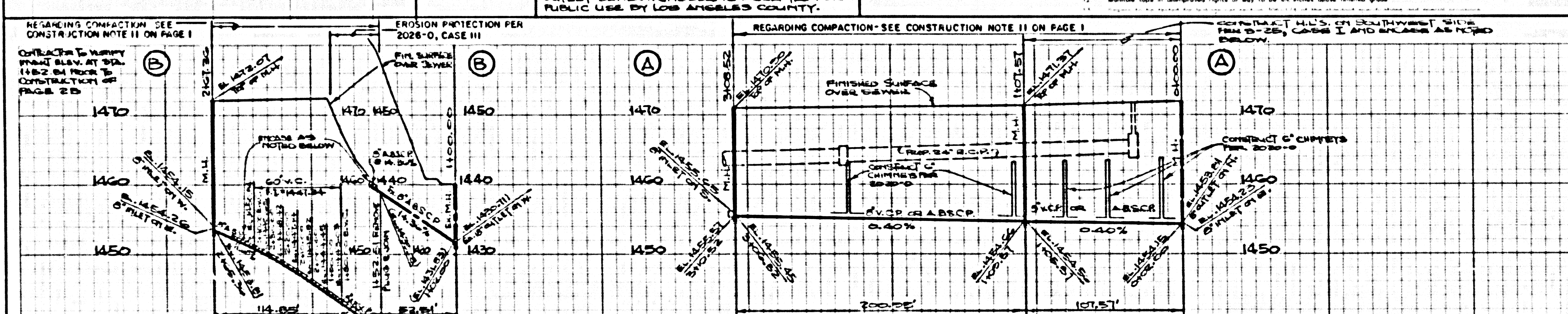
APPROVED BY: *Sp. Lavelle* 6-8-98
 COUNTY SANITATION DISTRICT

COUNTY SANITATION DISTRICT
 OF LOS ANGELES COUNTY
 CHARLES B. BARTY, CHIEF ENGINEER AND GENERAL MANAGER
 COUNTY SANITATION DISTRICT NO. 26
 DATE 6/12/98

PRIVATE ENGINEERS NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS THE RESULT OF A SEARCH OF AVAILABLE RECORDS. THE ENGINEER HAS NO LIABILITY FOR THE ACCURACY OF THE INFORMATION SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES ON THE JOB SITE. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL THE FREE UTILITY SERVICE (800) 999-4999 FOR THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL ALSO CALL THE FREE UTILITY SERVICE (800) 999-4999 FOR THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL ALSO CALL THE FREE UTILITY SERVICE (800) 999-4999 FOR THE LOCATION OF ALL UTILITIES.

Walter J. Schindler 3-2-98
 DATE



P.C. 11399 PAGE 2

COLLECT CHARGES AS INDICATED

SEE CO SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

DOUBLE SCALE

44490

PLAN

SCALE 1" = 40'

SANITARY SEWER PLANS IN TRACT NO. 44492 PC NO. 11399

DATE 9/10/93

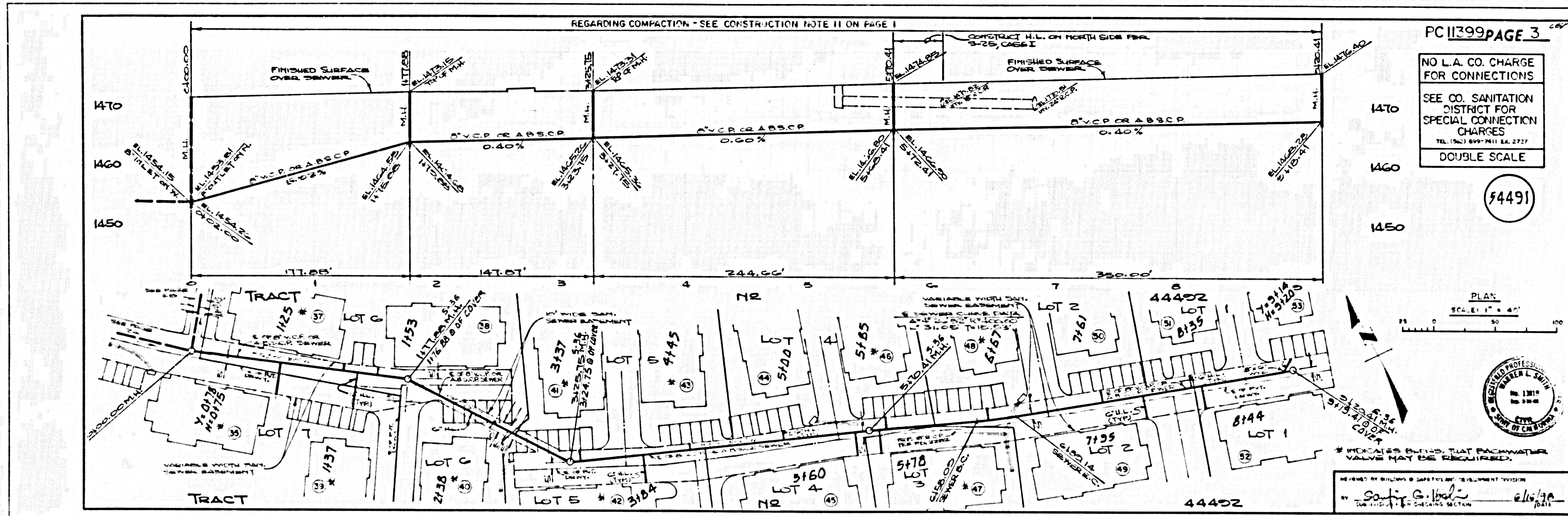
SR CONSULTANTS INC.

2698 MATARO STREET PASADENA CALIF 91107

TEL 626-683-0430 FAX 626-683-9029

BC 11399

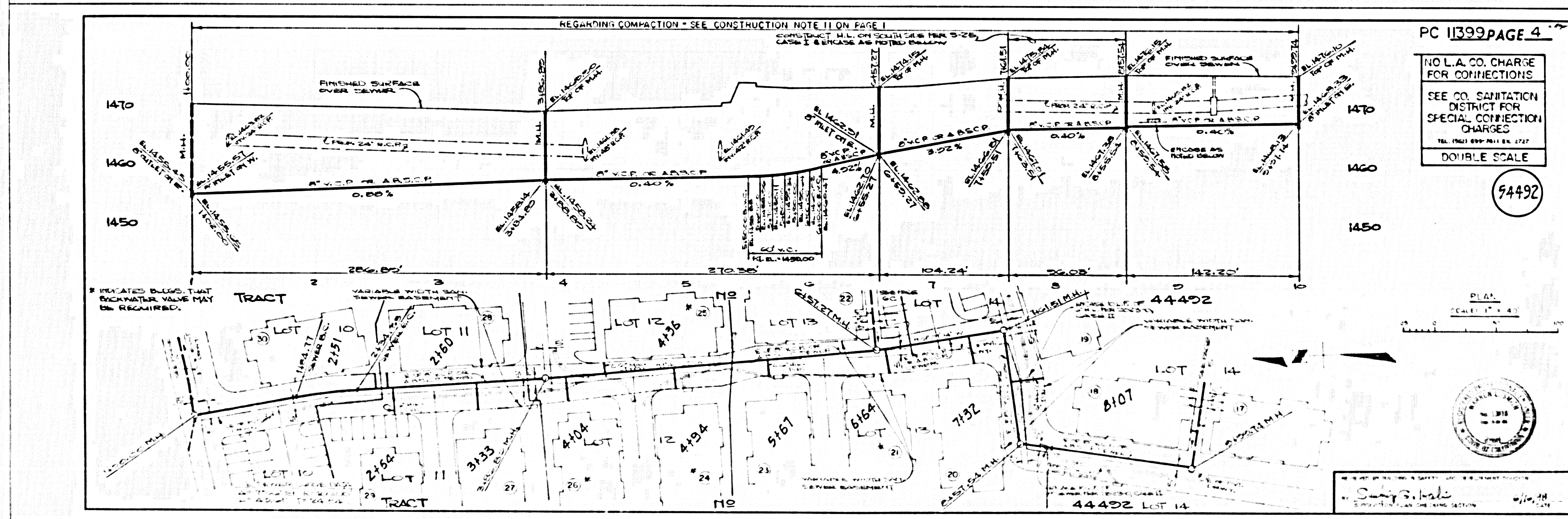
SR 44492 21 TCART



PC 11399 PAGE 3

PLAN
SCALE: 1" = 40'

NO L.A. CO. CHARGE FOR CONNECTIONS
SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
TEL. (951) 899-7411 EX. 2727
DOUBLE SCALE
94491



PC 11399 PAGE 4

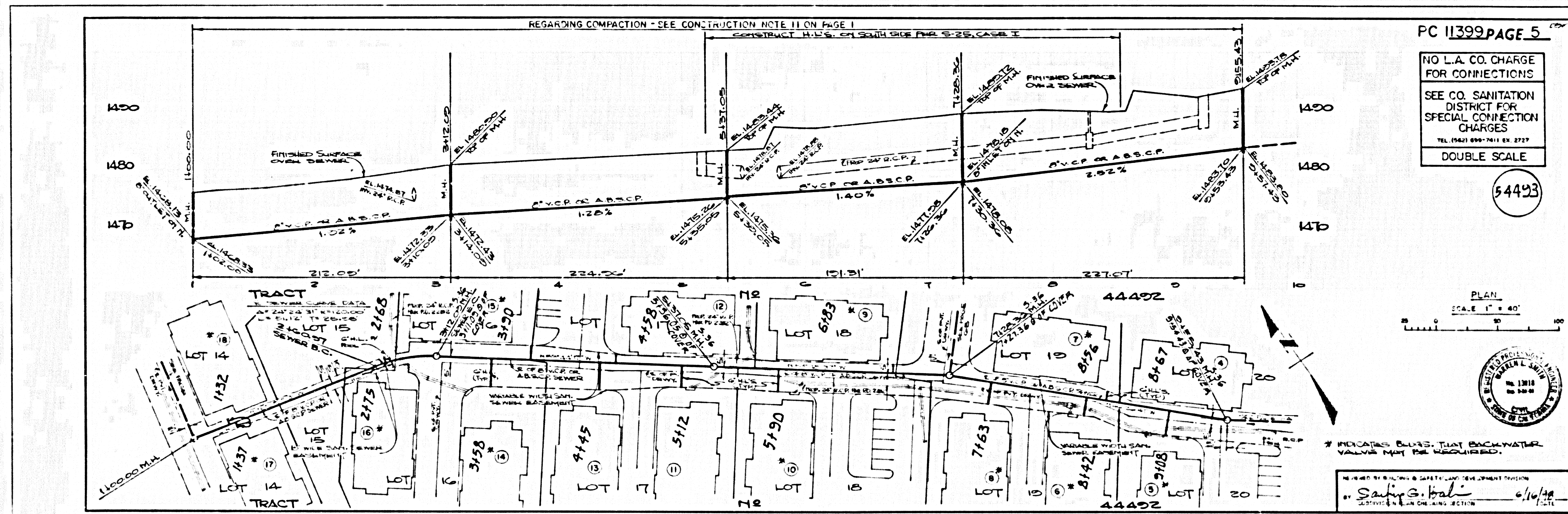
PLAN
SCALE: 1" = 40'

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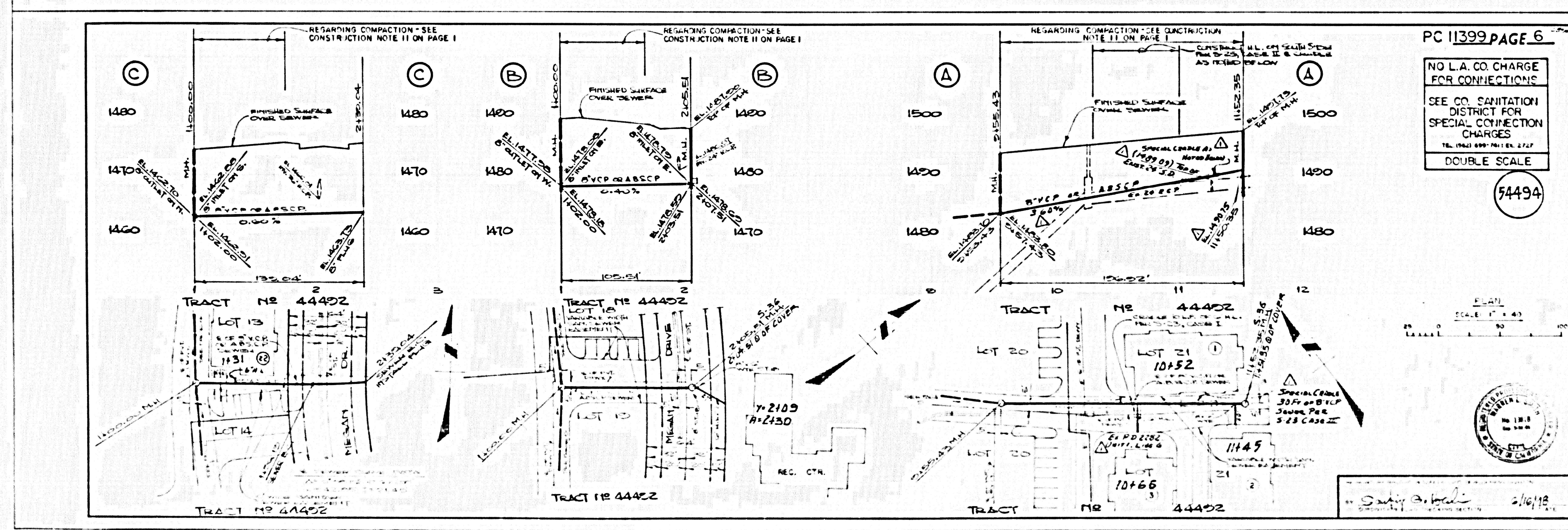
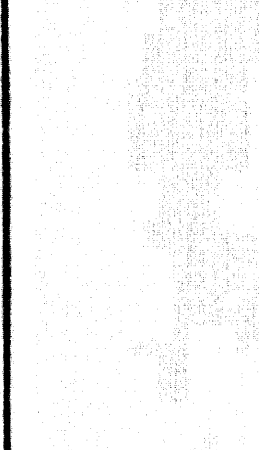
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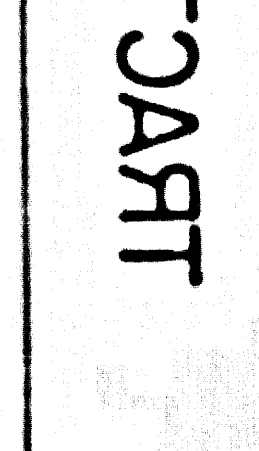
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PC 11399 PAGE 6



SEPP 91 T/CART