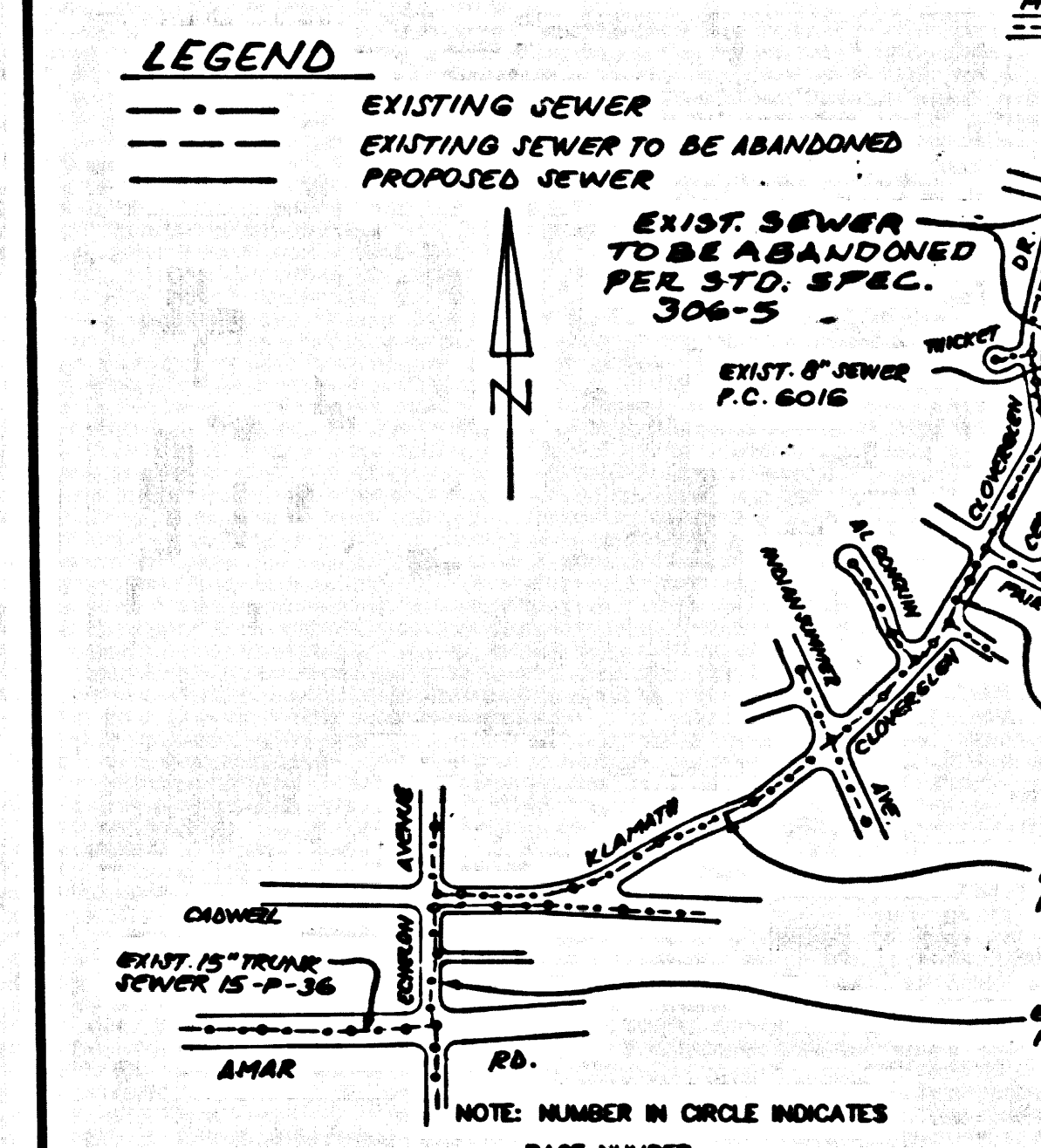


**BENCH MARKS**  
 BM CG 4085 Elev. 428.350  
 C.S. BM MON. IN W. WALL OF C.B.  
 @ N.E. COR. HAPLESGROVE JT. & PASI @  
 COVINA RD. 307' N. & 53' W.  
 E & NIT MKD (BM 37-54 1971) QUAD 1875



**INDEX MAP**  
 SCALE 1" = 600'  
 TRACT NO. 52430 PC. 11485  
 THOMAS GUIDE PAGE 638-G-4

NO.	REVISION	REVISED BY	APPROVED BY	DATE

**STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION**

1. Erosion sediments and other pollutants must be retained on site and may not be transported from the site to street, river, creek, drain, natural drainage course, or pond.
  2. Slopesides of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water.
  3. Fuels, oils, solvents, and other toxic materials must be stored in accordance with their labeling 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.
  4. 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.
  5. Trash and construction-related solid wastes must be deposited into a covered receptacle to prevent contamination of rainwater and disposed by wind.
  6. Sediments and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways must be stabilized so as to prevent sediments from being deposited into the public way. Accumulated sediments must be swept up immediately and may not be washed down by rain or other means.
  7. Any slopes with disturbed soils or denuded of vegetation must be stabilized so as to inhibit erosion by wind and water.
- C4001 - Dewatering Operations  
 C4002 - Paving Operations  
 C4003 - Structure Construction and Painting  
 C4004 - Material Delivery and Storage  
 C4005 - Solid Waste Management  
 C4006 - Hazardous Waste Management  
 C4007 - Concrete Waste Management  
 C4008 - Sanitary Sewer Waste Management  
 C4009 - Vehicle and Equipment Cleaning  
 C4010 - Vehicle and Equipment Maintenance  
 C4011 - Scheduling  
 C4012 - Preservation of Existing Vegetation  
 ESC10 - Seeding and Planting  
 ESC11 - Mulching  
 ESC20 - Geotextiles and Mats  
 ESC21 - Erosion Control  
 ESC22 - Temporary Stream Crossing  
 ESC23 - Construction Road Stabilization  
 ESC24 - Stabilized Construction Entrance  
 ESC54 - 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 222-0 HOUSE CONNECTION SEWER  
 APWA 223-0 HOUSE CONNECTION REMODELING  
 2021-0 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS  
 2022-0 WYE OR TEE SURVEY  
 2023-0 ALTERNATE TRENCH METHODS  
 2023-1 CRAWLING AND ENCASUREMENT

NO CONNECTION FOR DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTE WATER 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 THIS PROJECT, A SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE AT (626)962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

**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 of 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.
  2. 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 construction of work.
  3. 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.
  4. 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.
  5. The contractor shall contact the district office listed on the "Application for Construction Permit" to arrange for an acceptable 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 pipes or structures within the limits of this project. This note applies to all notes.
  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 Special Provisions for the Construction of Sanitary Sewers and shall be presented any in the presence of the Department of Public Works Requirements" as shown on Los Angeles Department of Public Works' Standard S-2.
  8. Elevation are in feet above U.S.C. & G.S. sea level datum of 1929.
  9. No revisions shall be made to these plans without the approval of the Director of Public Works.
  10. No representative of the Department of Public Works will survey or lay out any portion of the work.
  11. 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 all points between designated points. The grade shall be established so as to conform to the profile line drawn between said designated points.
  12. The private engineer shall furnish the Department of Public Works with grade sheets and stationing for all house laterals and for "T" branches and shall provide stationing for them of their proper location with stationing points 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 driveway shall not have an angle of less than 45 degrees with the main sewer. Any change in alignment shall be requested in writing by the private engineer.
  13. 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. Vertical slip joint shall be type "D" or "T" per standard specifications section 208-2.
3. If a pipe is within three feet of the sewer, the sewer shall be encased per standard plan S-23, case 8, two feet on each side from the point of interference.
4. All joints between cast iron pipe and vitrified clay shall be made with a rubber seal joint, type "D" (with bushing if necessary) per standard specifications section 208-2.
5. House laterals to be constructed with inverts at the property line 8 feet below curb grade except as noted.
6. Wye or Tee branches may be used for connections to the main sewer 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 pipe shall be encased per standard plan S-23, case 8, unless otherwise specified by the Director of Public Works.
8. All structures shall be either brick sewer manholes per standard plan S-3 or precast concrete sewer manholes per standard plan S-30, or reinforced precast concrete manhole per standard plan S-3, except as noted.
9. Reinforce all manholes within 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 specification will be required for backfill in street certification of local 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.
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 "V" 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 308-1.4 of the standard specifications and special provisions.

**PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
 TRACT NO. 52430 PC NO. 11485  
 3 SHEETS: 6 PAGES  
 COUNTY OF LOS ANGELES CALIFORNIA

HARRY W. STONE  
 DIRECTOR OF PUBLIC WORKS

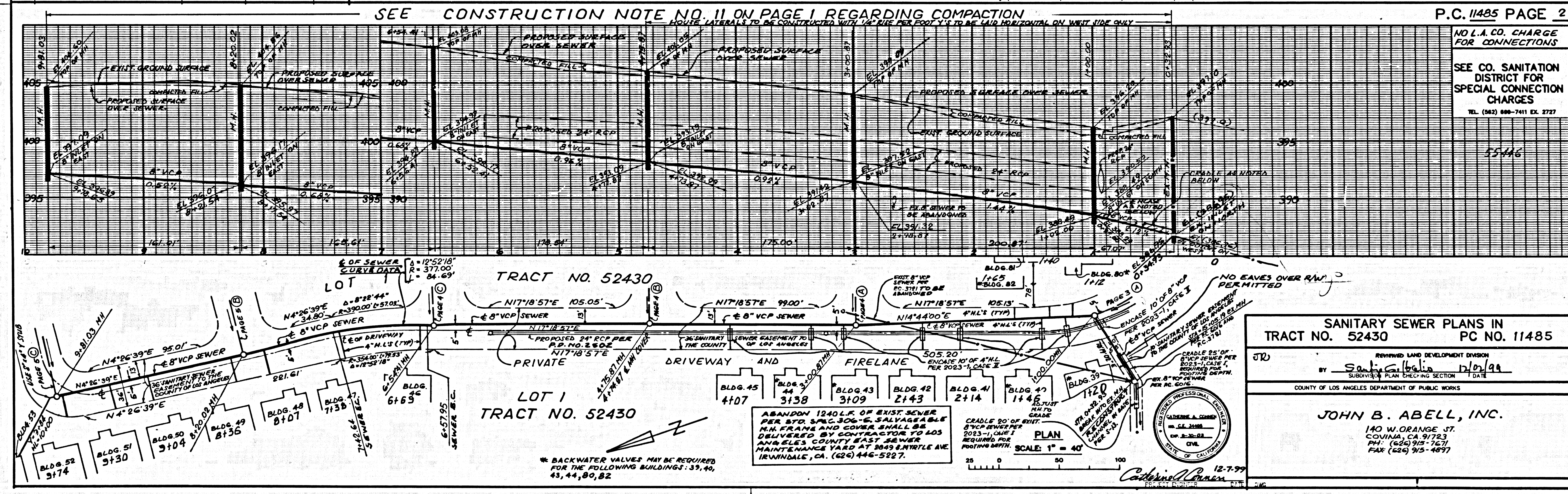
APPROVED BY: LAND DEVELOPMENT DIVISION  
 BY: Ronald D. O'Connell 12-7-99  
 ASSISTANT DIVISION ENGINEER DATE

SUBMITTED BY: Phil P. ... 12-7-99  
 SUBDIVISION PLAN CHECKING SECTION DATE

APPROVED: COUNTY SANITATION DISTRICT  
 OF LOS ANGELES CALIF.  
 CHARLES H. CURRY - CHIEF ENGINEER AND GENERAL MANAGER  
 COUNTY SANITATION DISTRICT NO. 15  
 BY: J. Anthony ... DATE: 12/7/99  
 DISTRICT 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 THE TOLL FREE 1-800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL THE CHAIRMAN OF GENERAL TELEPHONE COMPANY AT 1-800-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

Catharine ... 8-13-99  
 REC NO. 3-4-495 DATE



**P.C. 11485 PAGE 2**

NO L.A. CO. CHARGE FOR CONNECTIONS

SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES  
 TEL. (626) 960-7411 EX. 2727

15446

**SANITARY SEWER PLANS IN TRACT NO. 52430 PC NO. 11485**

REVIEWED LAND DEVELOPMENT DIVISION  
 BY: Sandy ... 12/7/99  
 SUBDIVISION PLAN CHECKING SECTION DATE  
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

**JOHN B. ABELL, INC.**  
 140 W. ORANGE ST.  
 COVINA, CA 91723  
 PH: (626) 915-7671  
 FAX: (626) 915-4697

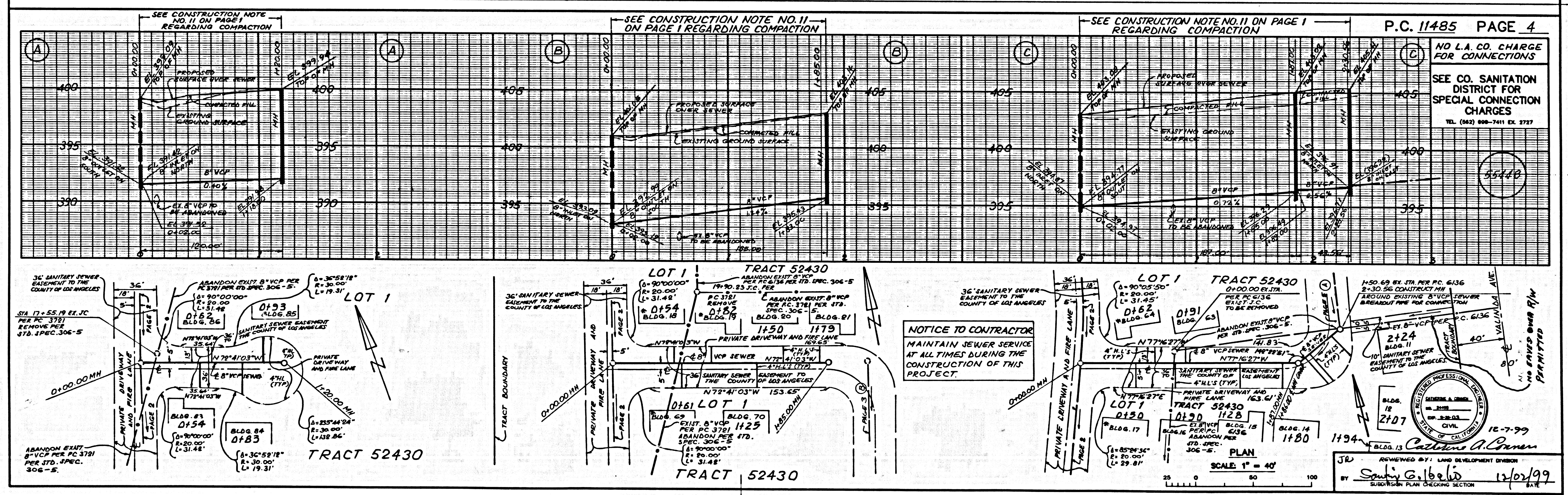
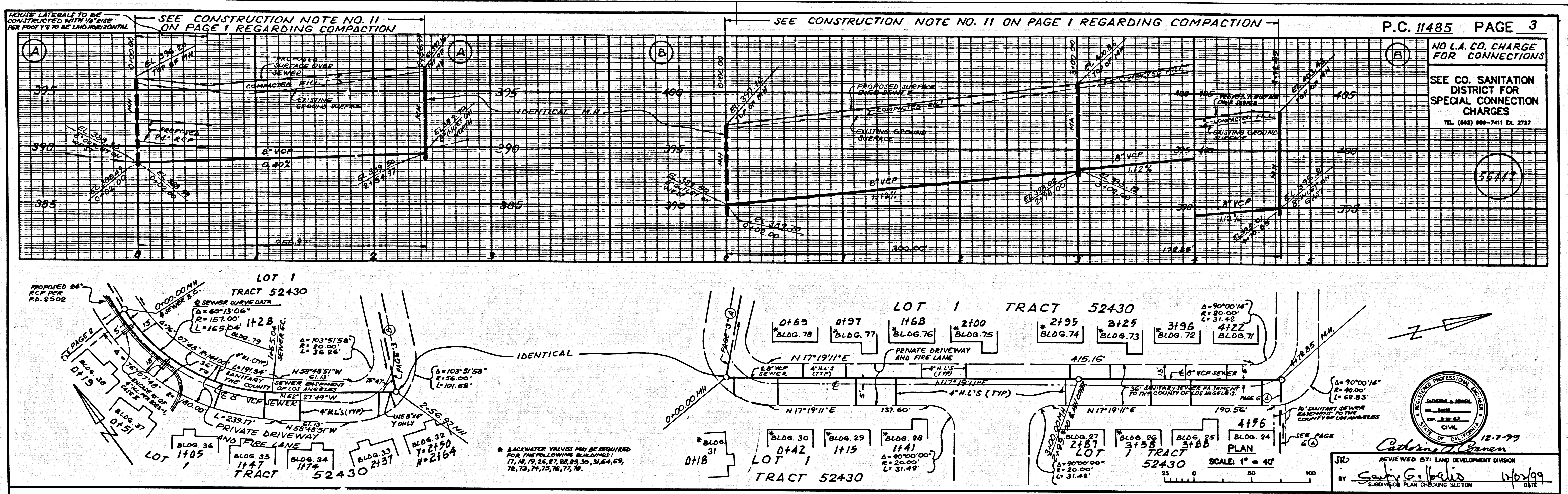
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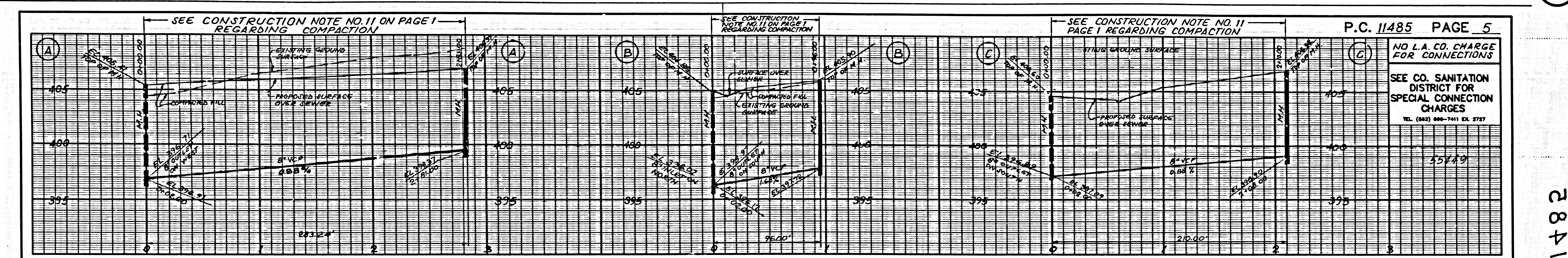
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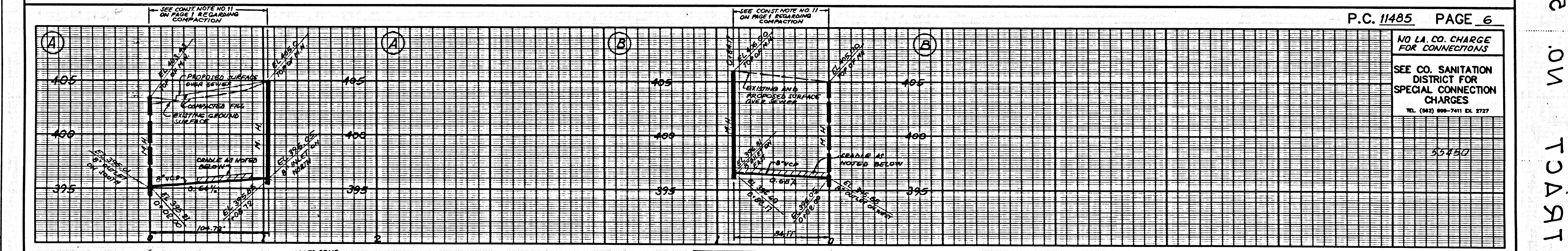
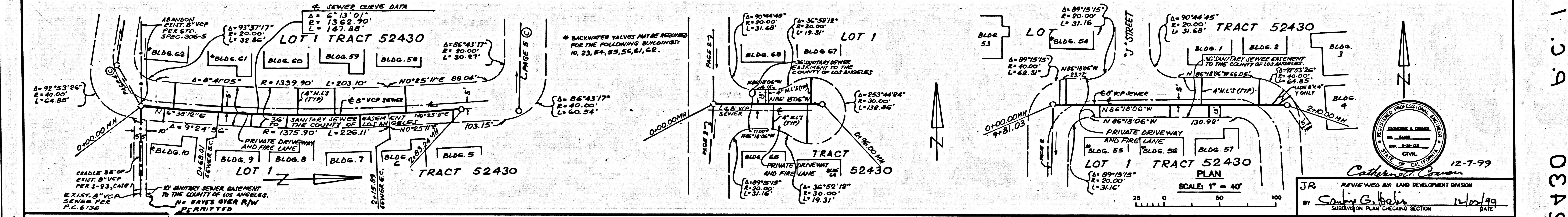
P.C. 11485 PAGE 5

NO L.A. CO. CHARGE FOR CONNECTIONS

SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

TEL. (802) 898-7411 EX. 2727

55229



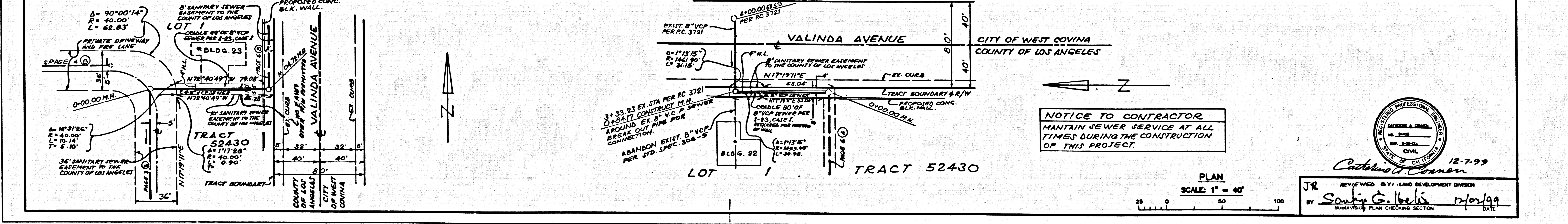
P.C. 11485 PAGE 6

NO L.A. CO. CHARGE FOR CONNECTIONS

SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

TEL. (802) 898-7411 EX. 2727

55250



**NOTICE TO CONTRACTOR**

MAINTAIN SEWER SERVICE AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

PLAN SCALE: 1" = 40'

12-7-99

REVIEWED BY: LAND DEVELOPMENT DIVISION

BY: *Sandy G. Bolin* 12/07/99

SUBDIVISION PLAN CHECKING SECTION

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