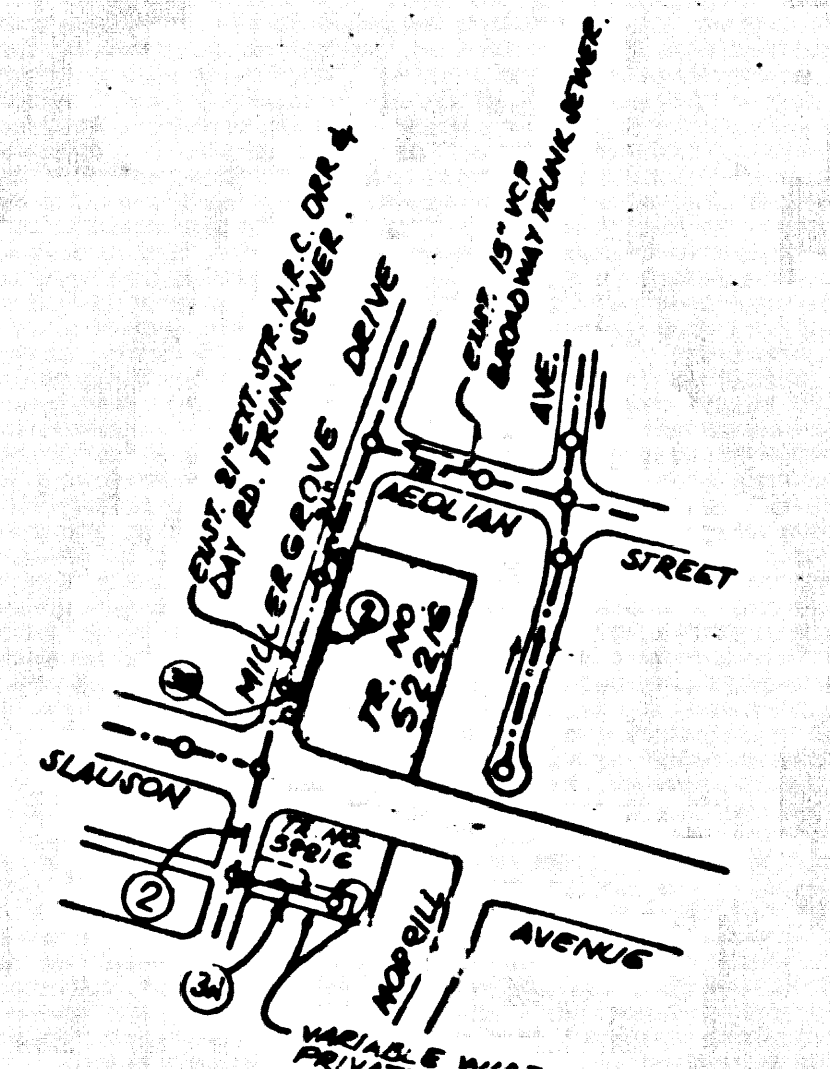
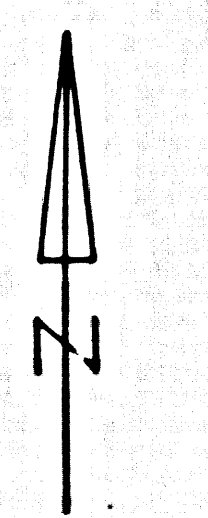


BENCH MARKS
 BM Y 6666 Elev. 154.022
 R.D. 8M 740 IN. E. CB. 600MM. 10 BCR. 8
 15' E. OF NORMAL BLVD. @ SLAUSON AVE.
 25 M.S. 4122 M. 610 E. INT. BASE LINE QUAD 1955



INDEX MAP C-2024
 SCALE: 1" = 300'
 TRACT NO. 52216 P.C. 11566
 THOMAS QUAD PAGE 706-H-1; INDEX-2024

| NO. | REVISION | REVISED BY | APPROVED BY | DATE |
|-----|----------|------------|-------------|------|
| | | | | |

STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION

- Erosion sediments and other pollutants must be retained on site and may not be transported from the site via sheet flow, roads, ditches, natural drainage courses, or water.
- Sediments 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.
- Excess concrete may not be washed into the public way or any other drainage system. Provisions shall be made to retain concrete wash 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 tracked from the site by vehicle traffic. The construction of entrance roadways 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 of vegetation must be stabilized so as to inhibit erosion by wind and water.

- | | |
|---|--|
| CA001 - Dewatering Operations | ESC10 - Seeding and Planting |
| CA002 - Paving Operations | ESC11 - Mulching |
| CA003 - Structure Construction and Painting | ESC20 - Geotextiles and Mats |
| CA010 - Material Delivery and Storage | ESC21 - Dust Controls |
| CA020 - Solid Waste Management | ESC22 - Temporary Stream Crossing |
| CA021 - Hazardous Waste Management | ESC23 - Construction Road Stabilization |
| CA023 - Concrete Waste Management | ESC24 - Stabilized Construction Entrance |
| CA024 - Sanitary/Sepic Waste Management | ESC25 - Storm Drain Inlet Protection |
| CA030 - Vehicle and Equipment Cleaning | |
| CA031 - Vehicle and Equipment Fueling | |
| CA032 - Vehicle and Equipment Maintenance | |
| ESC01 - Scheduling | |
| ESC02 - Preservation of Existing Vegetation | |

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 12" HOLES
 APWA 229-0 HOUSE CONNECTION REMODELING
 APWA 225-0 HOUSE CONNECTION REMODELING
 2021-0 RECORD FOR SEWER PIPE
 2022-0 PIPE ON THE SURFACE
 2027-0 ALLOWABLE TRENCH WIDTHS
 8100-1 REQUIREMENTS FOR SANITARY SEWERS IN THE VICINITY OF PRESSURE WATER MAINS

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITARY SEWER DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (626) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

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

PRIVATE CONTRACT SEWER GENERAL NOTES

- The following general notes are to be included on Page 1 of all Private Contract Sewer Plans:
- 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, Anaheim, at least 72 hours prior to starting work under this permit. Copies of all other required permits, such as Road Excavation, Certificate, 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 valid for 30 days prior to the start of work.
 - 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 constructed 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 1928.
 - No revisions shall be made in these plans without the approval of the Director of Public Works.
 - The 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 circles 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 staking for all house laterals and "Y" or "T" branches and shall provide stakes for them at their proper locations angles from the main line sewer except as shown on the plans. House laterals from changes shall not have an angle 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 pipe joints shall be type "D" or "C" per standard specifications section 208-2.
- In a manhole within three feet of the sewer, the sewer shall be encased per standard plan S-23, case A, 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 "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.
- Wye or tee branches may be used for connections to the mainline sewer 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 S-23, case A, unless otherwise approved by the Director of Public Works.
- All structures shall be either brick sewer manholes per standard plan S-3 or precast concrete sewer manholes per standard plan S-36, or reinforced precast concrete manholes per standard plan S-8, except as noted.
- Reinforce all trenches within paved areas to meet Los Angeles County Public Works or California State Highway requirements in accordance with the permits.
- Full compliance with section 306-13.4 of the standard specification will be required for backfill in street construction in accordance with the permits.
- All backfill and the outside of the street right of way shall be compacted to 90% of the maximum density as determined by ASTM and compacted to 100% of the maximum density as determined by other methods. 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.
- Manhole tops in improved rights of way to be level with finished grade.
- Sewers to be tested for leakage per section 306-17.4 of the standard specifications and special provisions.

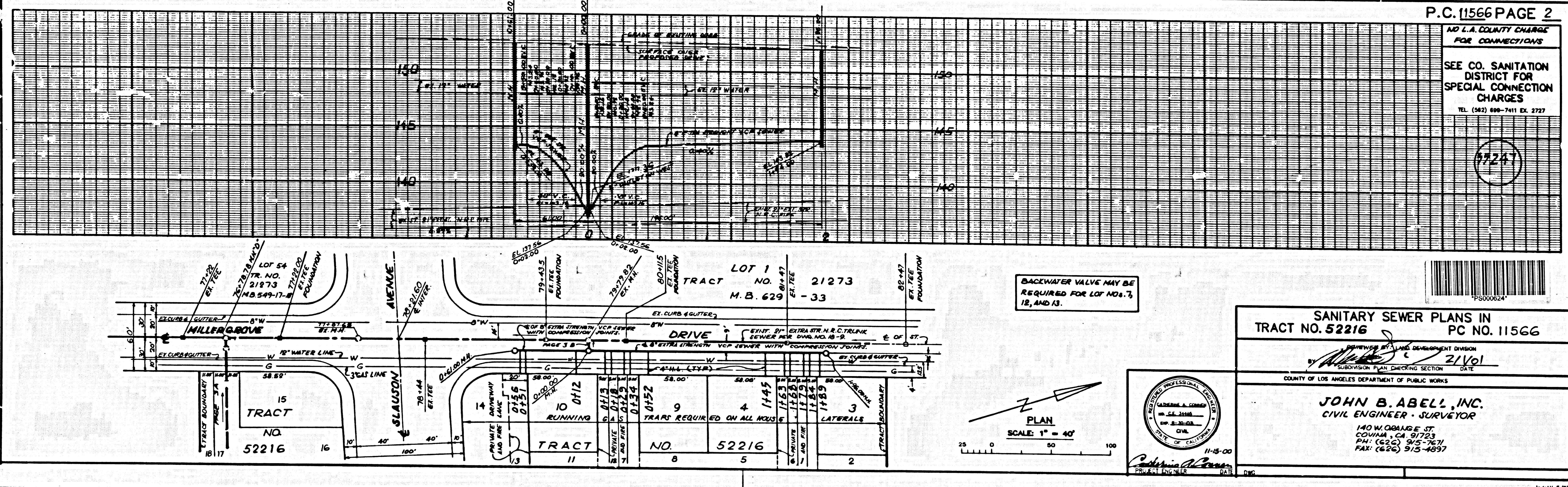
55246

PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS
 TO BE CONSTRUCTED IN
 TRACT NO. 52216 P.C. NO. 11566
 2 SHEETS; INDEX-2024
 COUNTY OF LOS ANGELES CALIFORNIA

HARRY W. STONE DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY: P.K. Dowd 2/1/01
 ASSISTANT DIVISION ENGINEER DATE
 SUBMITTED BY: [Signature] 2/1/01
 EXISTING PLAN DRAWING SECTION DATE

APPROVED: COUNTY SANITATION DISTRICT
 OF LOS ANGELES CALIF.
 COUNTY SANITATION DISTRICT NO. 18
 BY: [Signature] DATE: 4/1/01

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS BELIEVED TO BE CORRECT. THERE ARE NO KNOWN 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 FREE 1-800-833-1133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. PAT CHAMBERS OF GENERAL TELEPHONE COMPANY AT 1-800-833-1133 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.
 [Signature] 11-15-00
 R.O.E. NO. 34495 DATE



P.C. 11566 PAGE 2
 NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL (626) 899-7411 EX. 2727
 55246

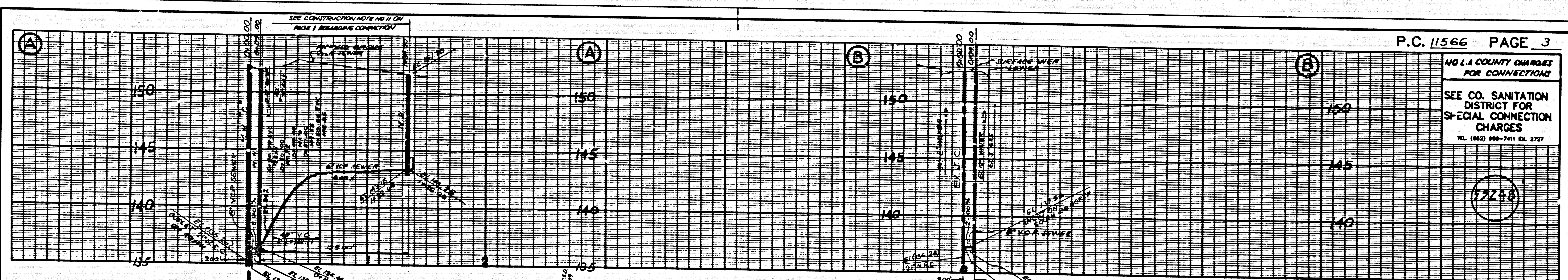
SANITARY SEWER PLANS IN TRACT NO. 52216 P.C. NO. 11566
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY: [Signature] 2/1/01
 SUBDIVISION PLAN DRAWING SECTION DATE
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
JOHN B. ABELL, INC.
 CIVIL ENGINEER - SURVEYOR
 140 W. ORANGE ST.
 COWANA, CA 91723
 PH: (626) 945-7671
 FAX: (626) 913-4897
 11-15-00
 PROJECT ENGINEER DATE

1

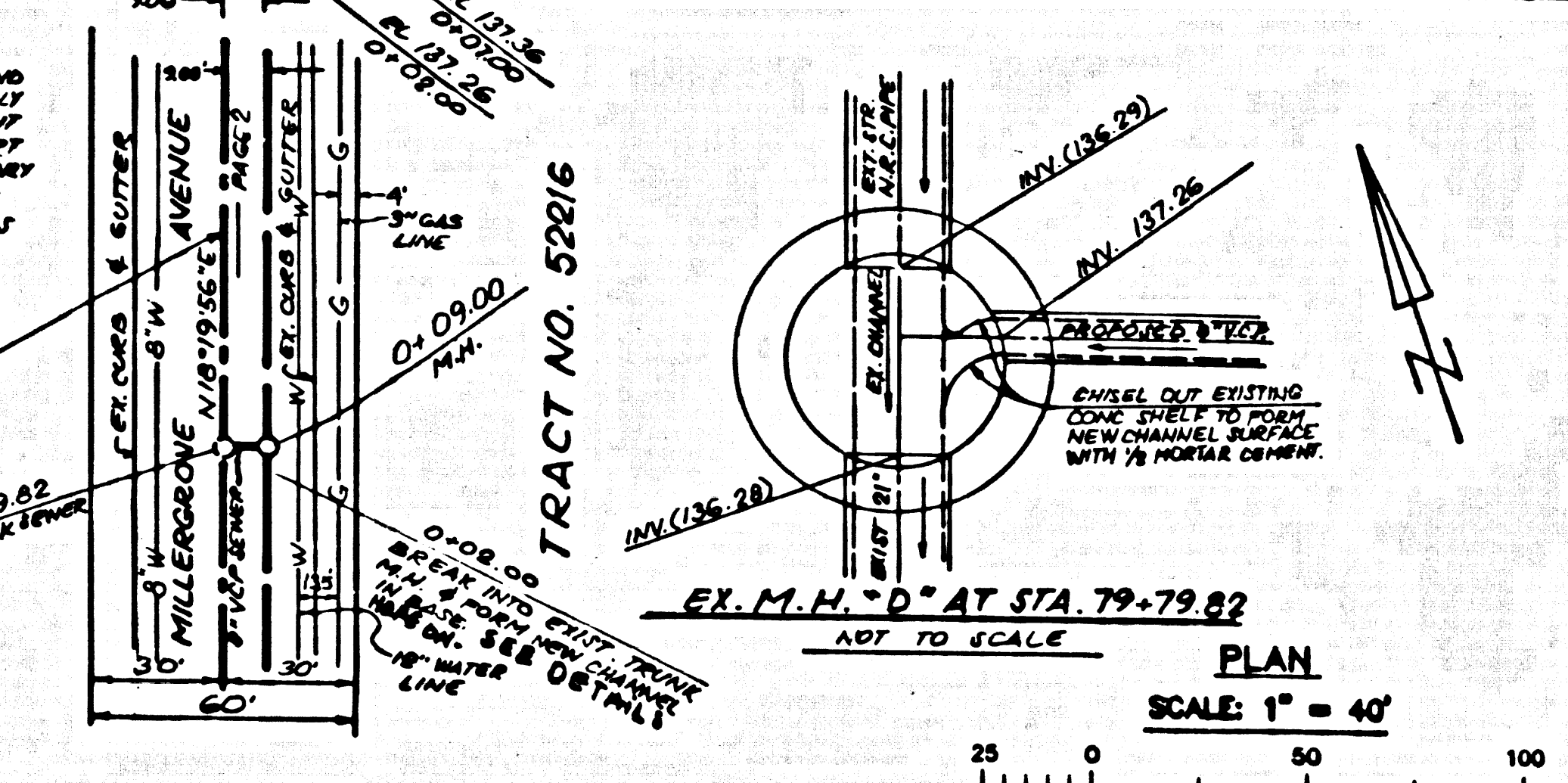
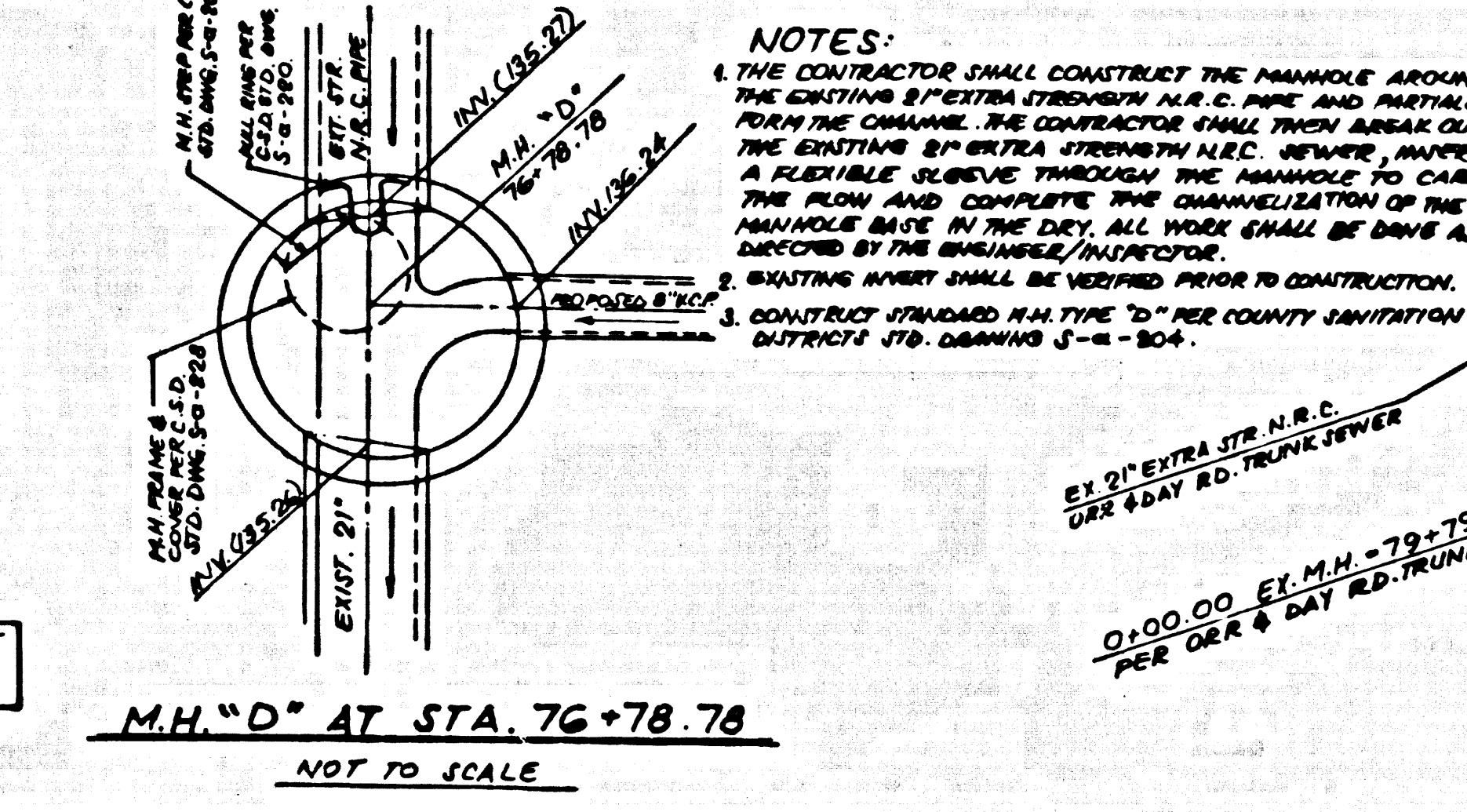
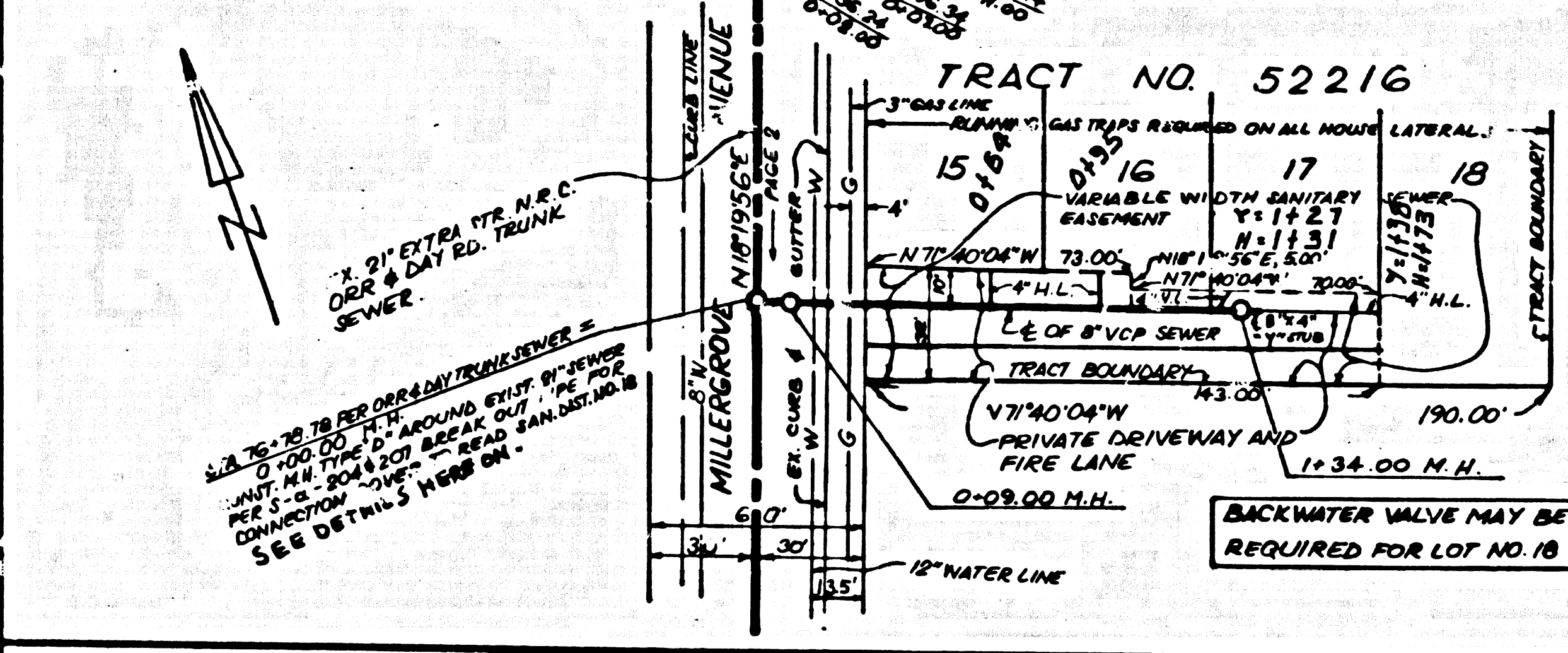
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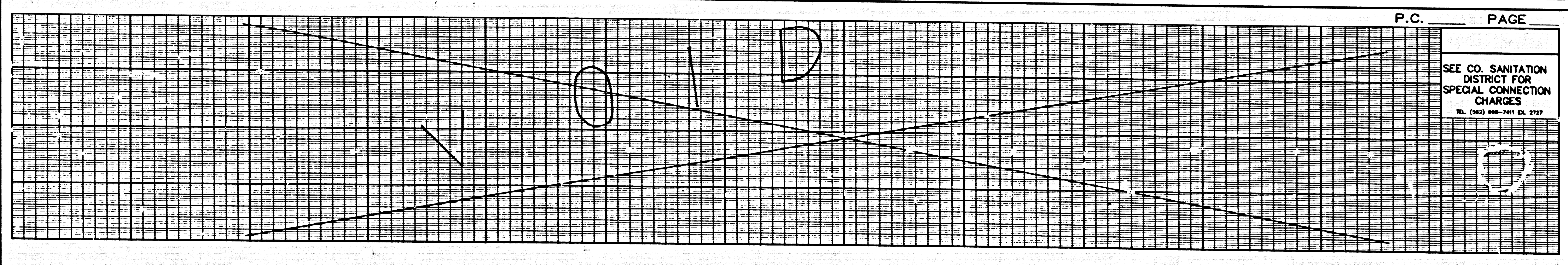
P.C. 11566 PAGE 3
 NO L.A. COUNTY CHARGES FOR CONNECTIONS
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (842) 888-7411 EX. 3727



NOTE:
 THE CONTRACTOR SHALL INSERT A FLEXIBLE ELBOW THRU THE COUNTY SANITATION DISTRICT'S MANHOLE TO CONVEY THE FLOW BETWEEN EXISTING 21-INCH DIAMETER INLET AND OUTLET. THE CONTRACTOR SHALL CONNECT REDUCED 8 INCH DIAMETER VCP SEWER TO EXISTING MANHOLE AND RECOMMEND THE MANHOLE BASE IN DRY. ALL WORK SHALL BE DONE WITH PRESENCE AND WHEN DIRECTED BY THE COUNTY SANITATION DISTRICT'S SUPERVISOR. AFTER THE PROPOSED WORK HAS BEEN NOTED AND APPROVED A 2\"/>

11-15-00

REVIEWED BY: [Signature] LAND DEVELOPMENT DIVISION
 DATE: 2/1/01



P.C. PAGE
 SEE CO. SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES
 TEL. (842) 888-7411 EX. 3727

REVIEWED BY: [Signature] LAND DEVELOPMENT DIVISION
 SUBMISSION PLAN CHECKING SECTION DATE

PLAN
 SCALE: 1" = 40'

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