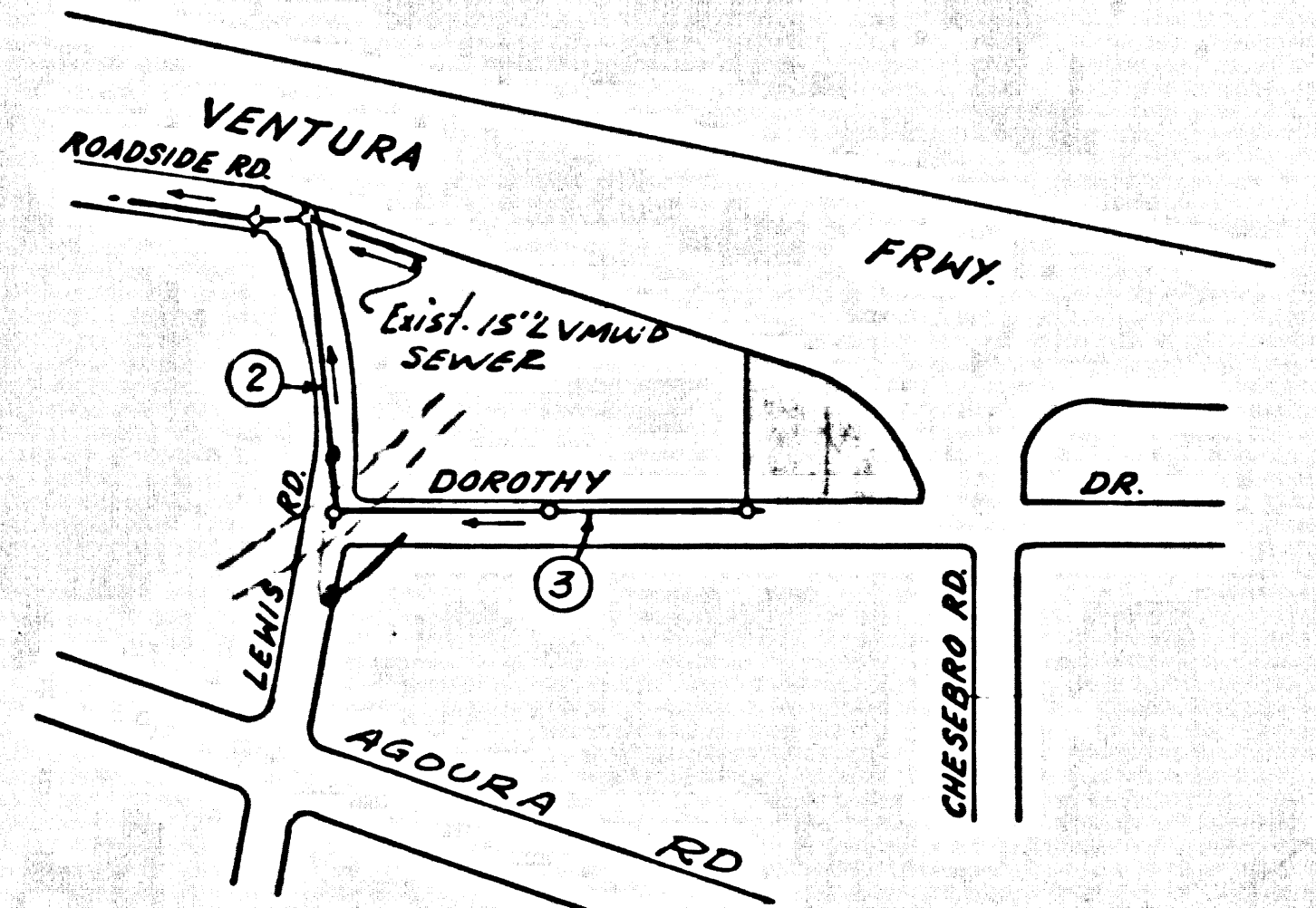
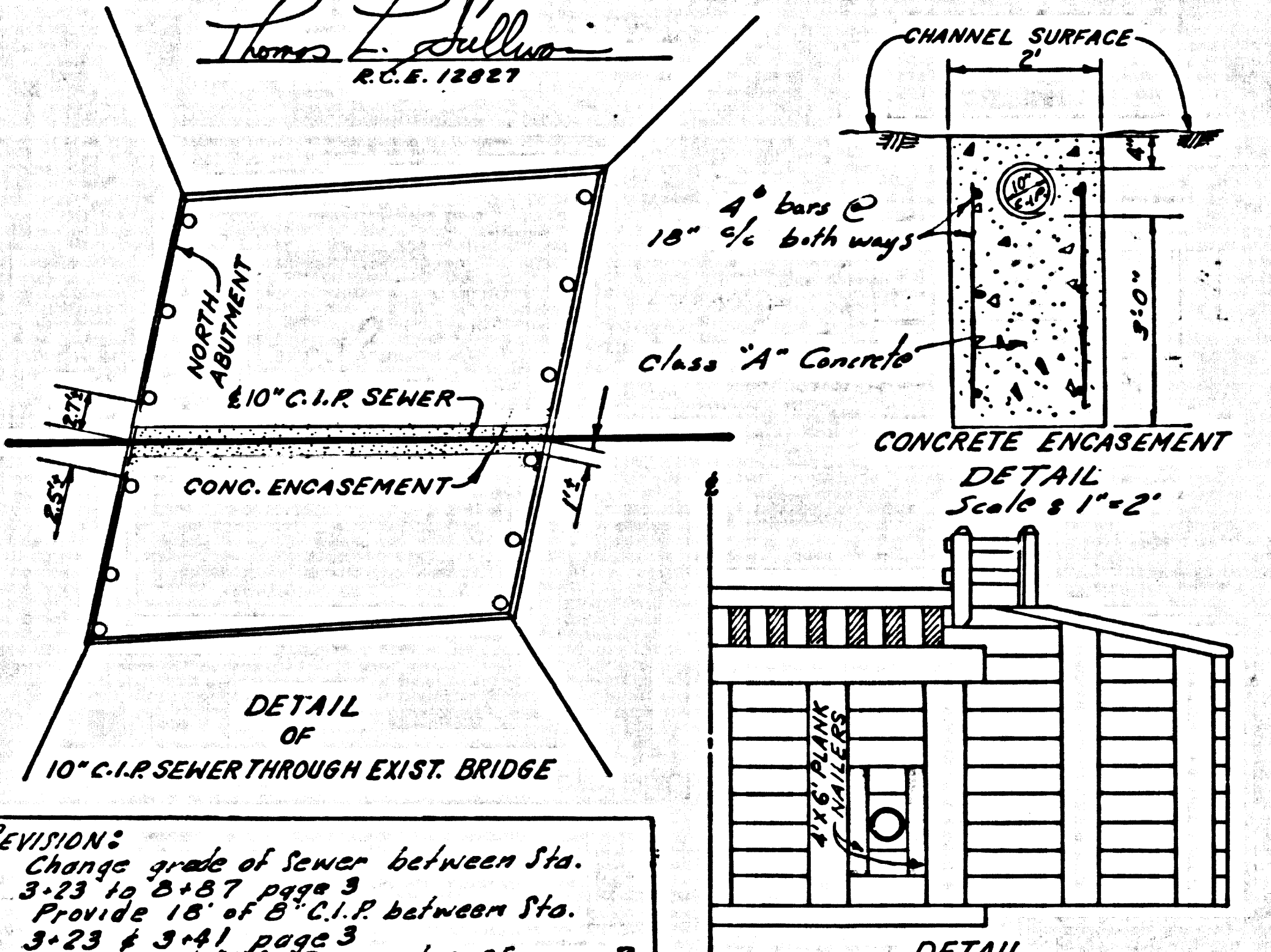


B.M. SY 5619 ELEV. 90792
 L.V. MIDDLE M. EDGE DROP INLET
 C.B. & VENTURA BLDG. 100' & 410'
 CHESEBRO RD., 2.7 MI. S. NB LAS VIRGENES
 RD.
 MALIBU QUAD. 19 60

UNDERGROUND STRUCTURES
 ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE
 OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED
 WITH THEIR APPROXIMATE LOCATION AND EXTENT.
 THE OWNER BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS
 PURSUANT THERETO AGREES TO ASSUME LIABILITY AND TO HOLD THE UNDERSIGNED
 HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND
 UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED AND INDICATED ON
 THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THAT REPORTED
 OR SHOWN ON RECORD EXAMINED.
 IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE OWNERS
 OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.



INDEX MAP
 SCALE: 1" = 300'



REVISIONS:
 1. Change grade of sewer between Sta. 3+23 to 3+57 page 3
 2. Provide 18" of 8" C.I.P. between Sta. 3+23 & 3+41 page 3
 3. Reverse the 'Y' to 2+03 & 2+25 page 2
 L. Miller
 10/6 R.C.E. 1086

DETAIL THROUGH 10" CONCRETE ENCASED V.C.P. THROUGH NORTH & SOUTH ABUTMENTS OF EXISTING BRIDGE (CALL NEW AND/OR EXPOSED TIMBER TO BE CREOSOTED)

CALABASAS BLDG. DIST. NO. 9.1

- NOTES:
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 - THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRAD SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THESE PROPER LOCATIONS WITH STATIONING PLAINLY 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 CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE 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 ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
 - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 8-2747, EXT. 81531, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S-3, PRECAST CONCRETE MANHOLES PER S-4 OR S-6 EXCEPT AS NOTED.
 - USE STANDARD MANHOLE FRAMES AND COVERS, S-15, EXCEPT AS NOTED.
 - MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 - USE EXTRA STRENGTH PIPE, ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
 - USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPECS., SECS. 34, 40 & 41.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 - IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE A FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 2, SPECS., SEC. 34.
 - ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE STRICTLY ENFORCED.

NOTICE TO CONTRACTOR
 The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of my knowledge there are no existing utilities except as shown on these plans. The contractor is required to take due precautionary measures to protect the utility lines shown and any other lines prior to construction as shown on these plans.
 Thomas L. Sullivan
 R.C.E. 10827

COLLECT CHARGES AS INDICATED
 L. Sullivan 7/6/67

TO BE CONSTRUCTED IN
DOROTHY DRIVE
 AND
LEWIS ROAD,
PRIVATE CONTRACT NO. 7873

W.S. 90
 2 SHEETS, 3 PAGES
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40' APRIL 1967 39494

PREPARED IN THE OFFICE OF
TRI-STATE ENGINEERING COMPANY
 615 SOUTH RAYMOND AVENUE
 FULLERTON, CALIFORNIA
 REG. C.E. NO. 12827

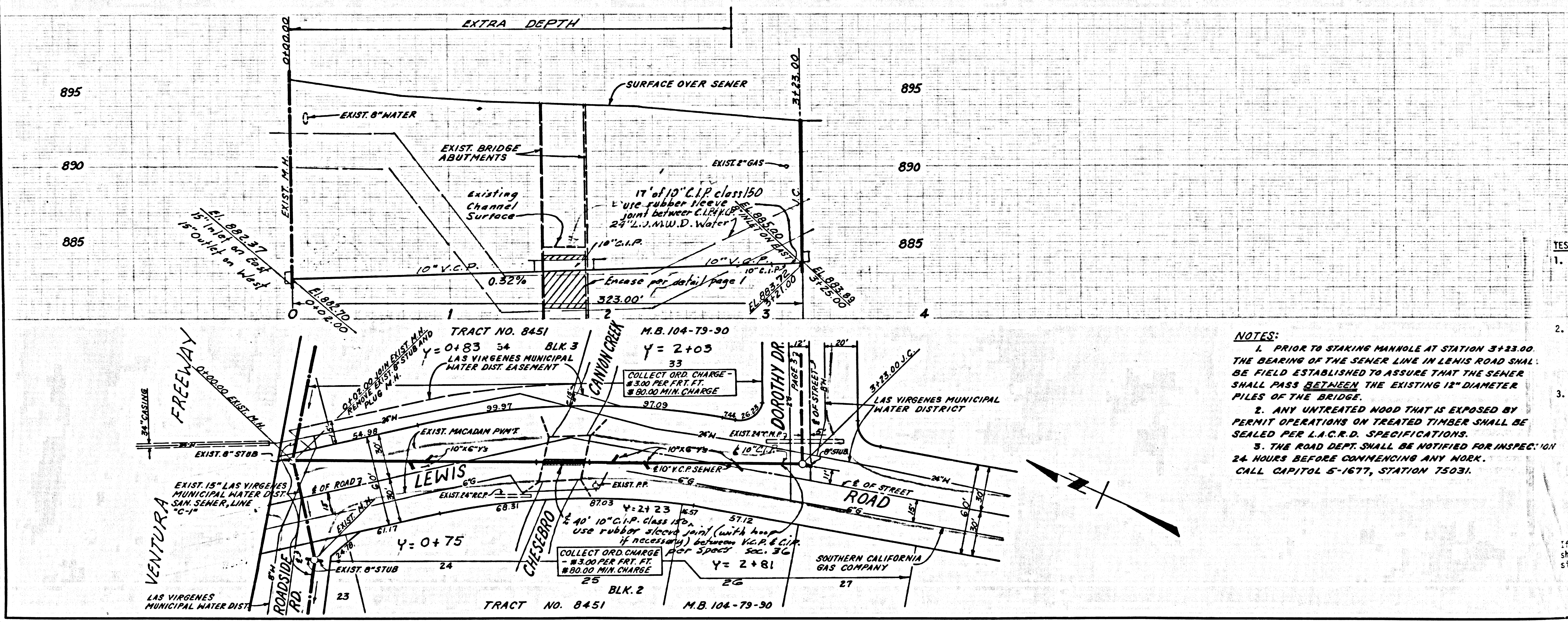
FOR LEGEND SEE PLAN NO. S-1

NOTE:
 GRADES TO WHICH THE IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE 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. REVISIONS ARE BY THE METHOD U.S. & C.E. 301 LEVEL, EDITION OF 1950.
 THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS. AS REVISED BY THE COUNTY ENGINEER AND SHALL BE CONSIDERED THE BASIS FOR THE CONTRACT. ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PRODUCED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 WORK SHALL BE CONSTRUCTED ACCORDING TO STANDARD SPECIFICATIONS FOR SANITARY SEWERS, ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PRODUCED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 BEFORE WORK CAN BE STARTED THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 35, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 388, COUNTY ENGINEERING BUILDING, CONSTRUCTION INSPECTION AND RECORD PLANS.
 APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.
 IF WORK IS TO BE 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.

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE, COUNTY ENGINEER LAS VIRGENES MUNICIPAL WATER DISTRICT

APPROVED BY: *Richard M. Coe* ASSISTANT SANITATION ENGINEER
 SUBMITTED BY: *Robert Miller* SENIOR ENGINEER
 CHECKED BY: *Bernard J. V. ...* R.C.E. NO. 10623

J.N. 0368-51



COLLECT ORDINANCE CHARGES AS INDICATED
 SEE LAS VIRGENES MUNICIPAL WATER DISTRICT FOR CHARGES AND PERMITS

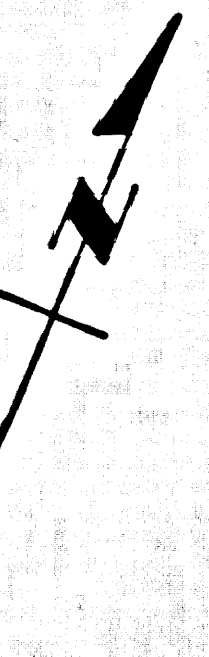
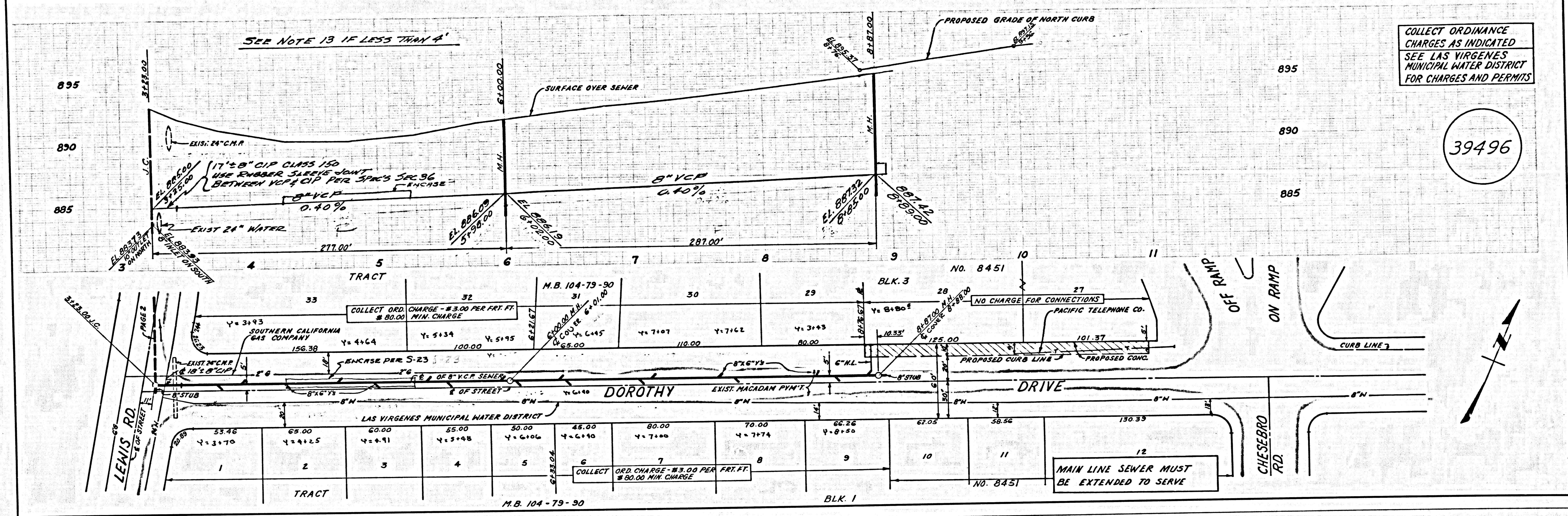
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- TESTING PER LAS VIRGENES MUNICIPAL WATER DISTRICT
- Infiltration and Leakage Tests: Method used for testing will be the same as Los Angeles County except the formula to be used is as follows:
 0.033 gallons/minute/inch of diameter/1,000 feet or
 250 gallons/day/inch of diameter/mile
 - Manhole Leaking Tests: At the discretion of the District's Representative one manhole out of every ten manholes, and a minimum of two will be filled with water and after three hours will be checked for leakage, with no drop in level. For every one manhole not passing tests five more will be tested at the discretion of the District's Representative.
 - Air Testing: Where the difference in elevation between the invert of the upper structure and the invert of the lower structure is more than six feet (6') an air test will be made.
 The time taken to lose one (1) pound per square inch gauge pressure from three (3) pounds per square inch gauge pressure to two (2) pounds per square inch gauge pressure shall not be less than times shown on the following table:
- | Main Pipe Diameter | Minimum Time Lose |
|--------------------|-------------------|
| 6" - 14" | 1 Minute |
| 15" - 20" | 2 Minutes |
| 21" - 30" | 3 Minutes |
| 33" - 36" | 4 Minutes |
- If the time is less than listed in the table above, the Contractor shall make such repairs as are necessary to eliminate the excessive leakage.
- The Contractor shall notify the L.V.M.W.D. 48 hours prior to commencing work. Area Code 213 - 889-0110.

- NOTES:
- PRIOR TO STAKING MANHOLE AT STATION 3+23.00 THE BEARING OF THE SEWER LINE IN LEWIS ROAD SHALL BE FIELD ESTABLISHED TO ASSURE THAT THE SEWER SHALL PASS BETWEEN THE EXISTING 12" DIAMETER PILES OF THE BRIDGE.
 - ANY UNTREATED WOOD THAT IS EXPOSED BY PERMIT OPERATIONS ON TREATED TIMBER SHALL BE SEALED PER L.A.C.R.D. SPECIFICATIONS.
 - THE ROAD DEPT. SHALL BE NOTIFIED FOR INSPECTION 24 HOURS BEFORE COMMENCING ANY WORK. CALL CAPITOL 5-1677, STATION 75031.

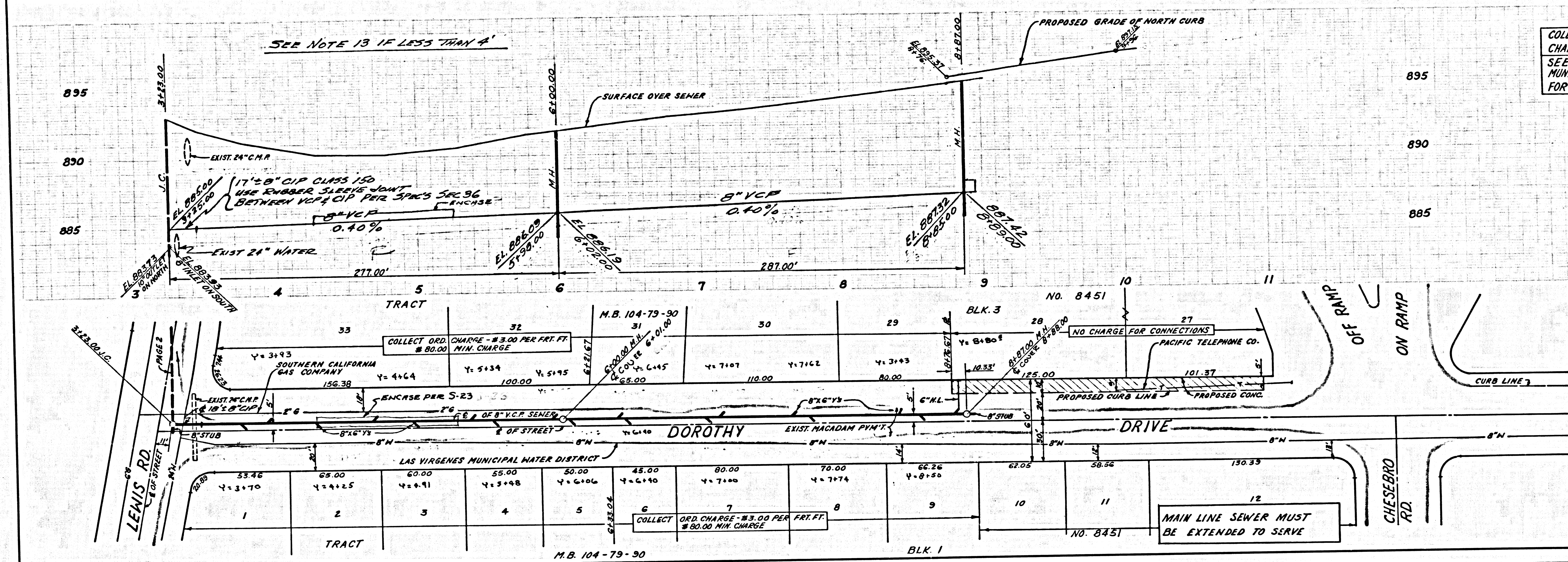
COLLECT ORDINANCE CHARGES AS INDICATED SEE LAS VIRGENES MUNICIPAL WATER DISTRICT FOR CHARGES AND PERMITS

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COLLECT ORDINANCE CHARGES AS INDICATED SEE LAS VIRGENES MUNICIPAL WATER DISTRICT FOR CHARGES AND PERMITS

39496

