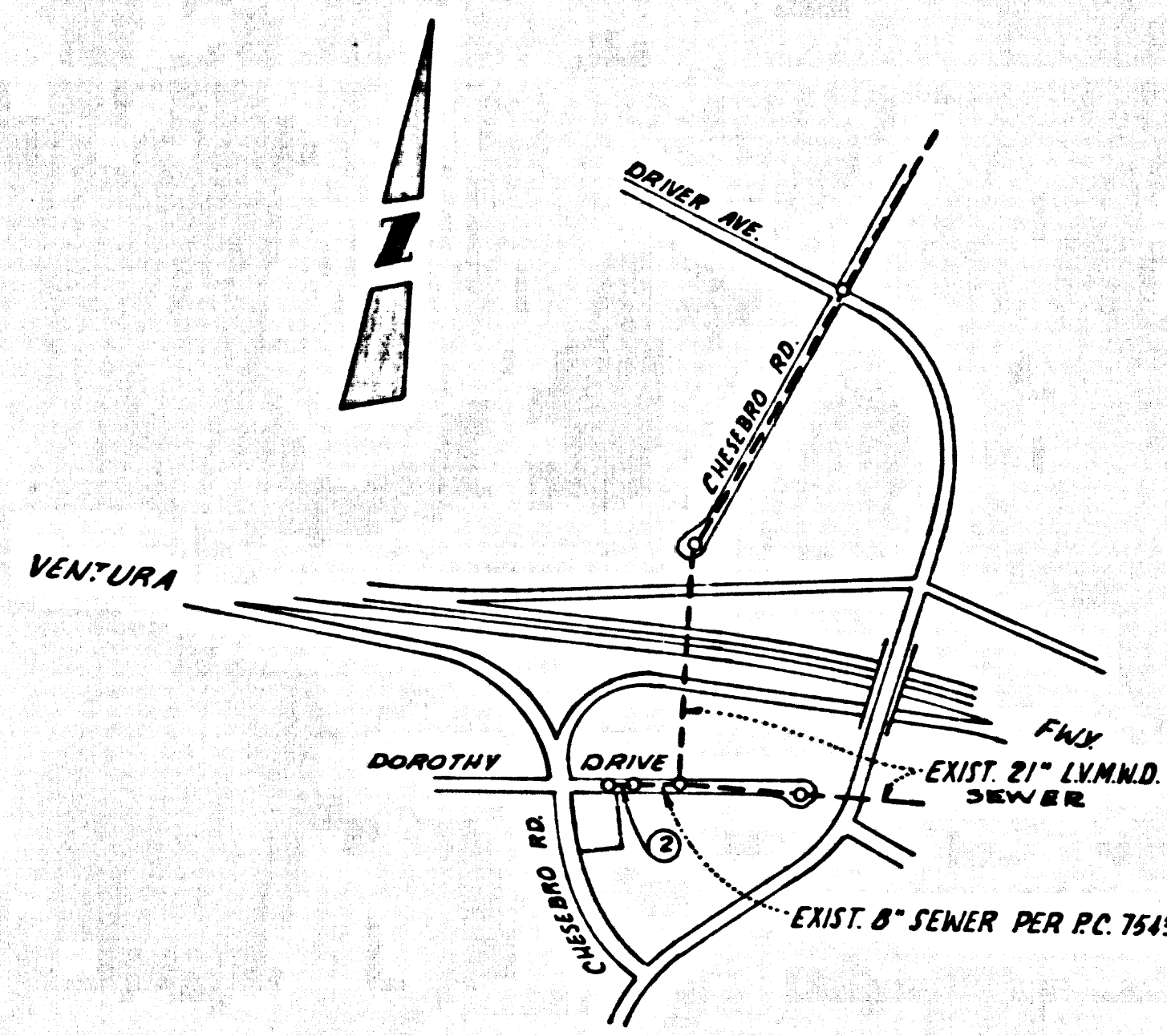


B.M. 2" R.O.B. 487-288 ELEV. 900.11
 L. & T. IN CENTER OF CONC. HOVL. OF 24" C.M.P. E. SIDE OF
 ON RAMP TO E. BOUND VENTURA FWY. 4' 11" E/O 4' 45" N/O
 8" INT. DOROTHY DRIVE & CHESTERO ADAD
 MALIBU QUAD. 19.60



INDEX MAP
 P.C. 810 SCALE 1" = 400'

NOTE:
 THE EXISTENCE AND APPROXIMATE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN IN THESE PLANS WERE DETERMINED BY A SEARCH OF THE AVAILABLE PUBLIC RECORDS, TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UNDERGROUND UTILITIES OR STRUCTURES EXCEPT AS SHOWN ON THIS MAP.
 THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES BEFORE STARTING WORK.

TESTING NOTES

- MANHOLE LEAKAGE TEST**
 At the discretion of the district representative one manhole out of every 10 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 manhole not passing tests, five more will be tested at the discretion of the district representative.
- AIR TESTING**
 All lines shall be air tested:
 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 in the following table:

MAIN PIPE DIAMETER	MINIMUM TIME LOSS
8" - 14"	3 minutes
15" - 20"	5 minutes

If the time is less than listed in the table above, the contractor shall stop such repairs as are necessary to eliminate excessive leakage. Air pressure in test section shall not exceed 5 p.s.i. gauge pressure at any time.

THE FOLLOWING CO. ENR. STANDARD PLANS APPLY TO THIS PROJECT:

LEGEND	SECTION
MINIMUM SAFETY REQUIREMENTS	1-1
MANHOLE	2-1
REINFORCED PRECAST CONC. M.H.	2-2
MANHOLE FRAME & COVER	2-3
MANHOLE STEP	2-4
RECORDING FOR SINKER PIPE	2-5
ALLOWABLE TRENCH WIDTH	2-6
WIRE OR TEE SUPPORT	2-7

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 GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR 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 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.
 - 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 9-4767, EXT. 81551, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-3 OR S-4, EXCEPT AS NOTED.
 - "T" OR "Y" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS 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.
 - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "F" OR "B" PER STD. SPECS. SEE 808-2. SINKER PIPE BEDDING SHALL CONFORM TO S-21.
 - 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 6 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.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 904-3.7 UNIFORM STANDARD SPECIFICATIONS.
 - REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY OTHERS.

COLLECT CHARGES AS INDICATED

PROFILE ALIGNMENT AND GRADE OF
 SANITARY SEWERS
 TO SERVE
 HUMBLE STATION

P.C. 810
 PAGE 1

PRIVATE CONTRACT NO. 8110

W.S. 50
 1 SHEETS; 2 PAGES
 SCALE: VERT. 1" = 4' JUNE 1968
 HORIZONTAL 1" = 40'
 PREPARED IN THE OFFICES OF
 HOLM, TAIT & ASSOC.
 280 N. WILSHIRE, JAMAHEIM, CALIF.
 BY: *[Signature]*
 REG. C. E. NO. 14705
 FOR LEGEND SEE PLAN NO. S-1

40321

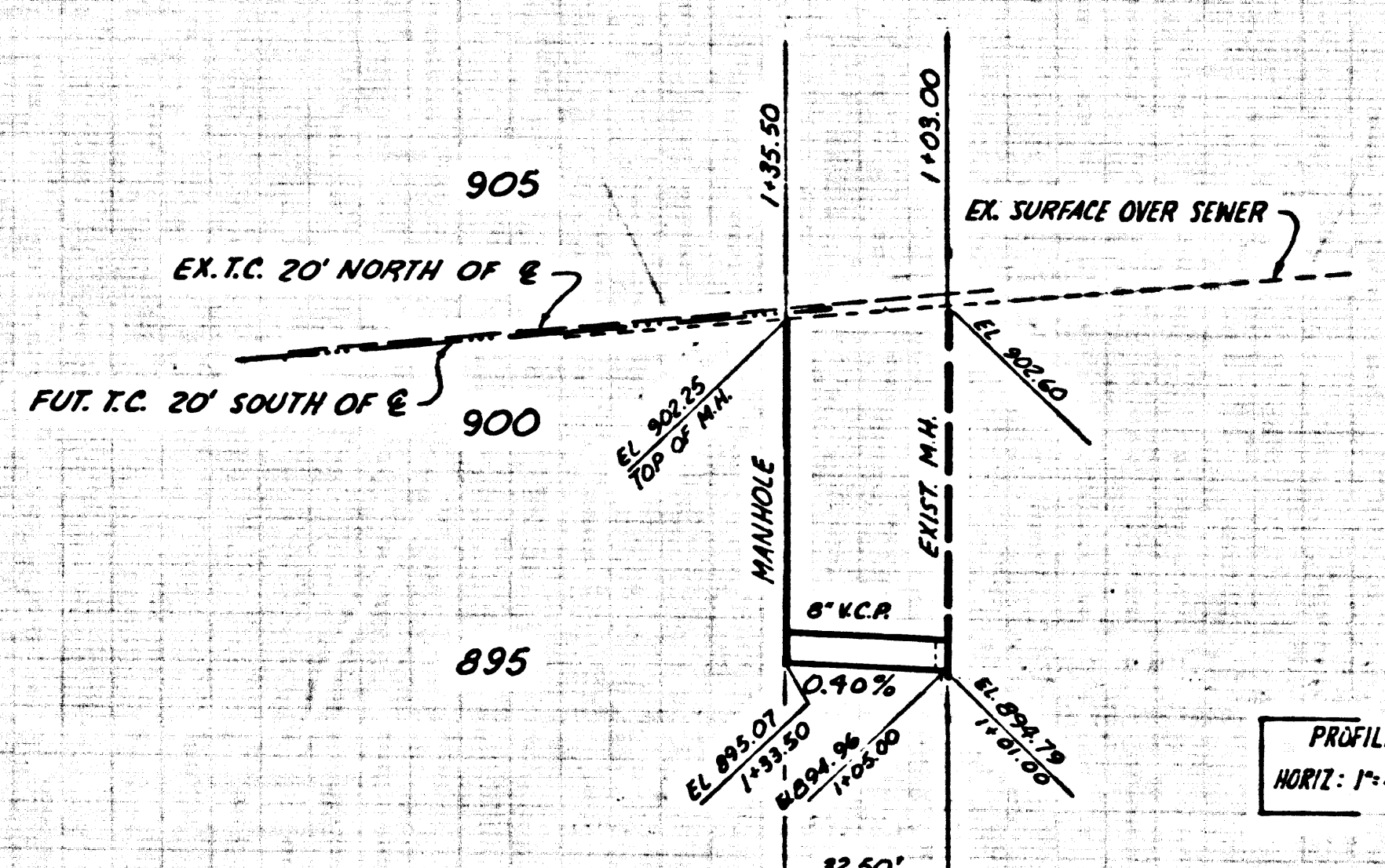
NOTE:
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.
 WORK SHALL BE CONSTRUCTED ACCORDING TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND COUNTY ENGINEER SPECIAL PROVISIONS DATED FEB. 15, 1966, AS REVISED, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 2, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 230, COUNTY ENGINEERING BUILDING, 108 WEST SECOND STREET OR 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA, REGIONAL OFFICE, SUFFICIENT TO COVER THE COST OF 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 THIS 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
 APPROVED BY: *[Signature]* REGIONAL ENGINEER DATE: _____
 APPROVED BY: *[Signature]* CHIEF ENGINEER

CHECKED BY: *[Signature]* DATE: 7-21-68
 REG. C. E. NO. 2466

J. N. 0369.27

P. C. 810 PAGE 2



CHARGES FOR CONNECTIONS PER COUNTY OF LOS ANGELES

SEE L.V.M.W.D. FOR PERMITS & CHARGES

40322

