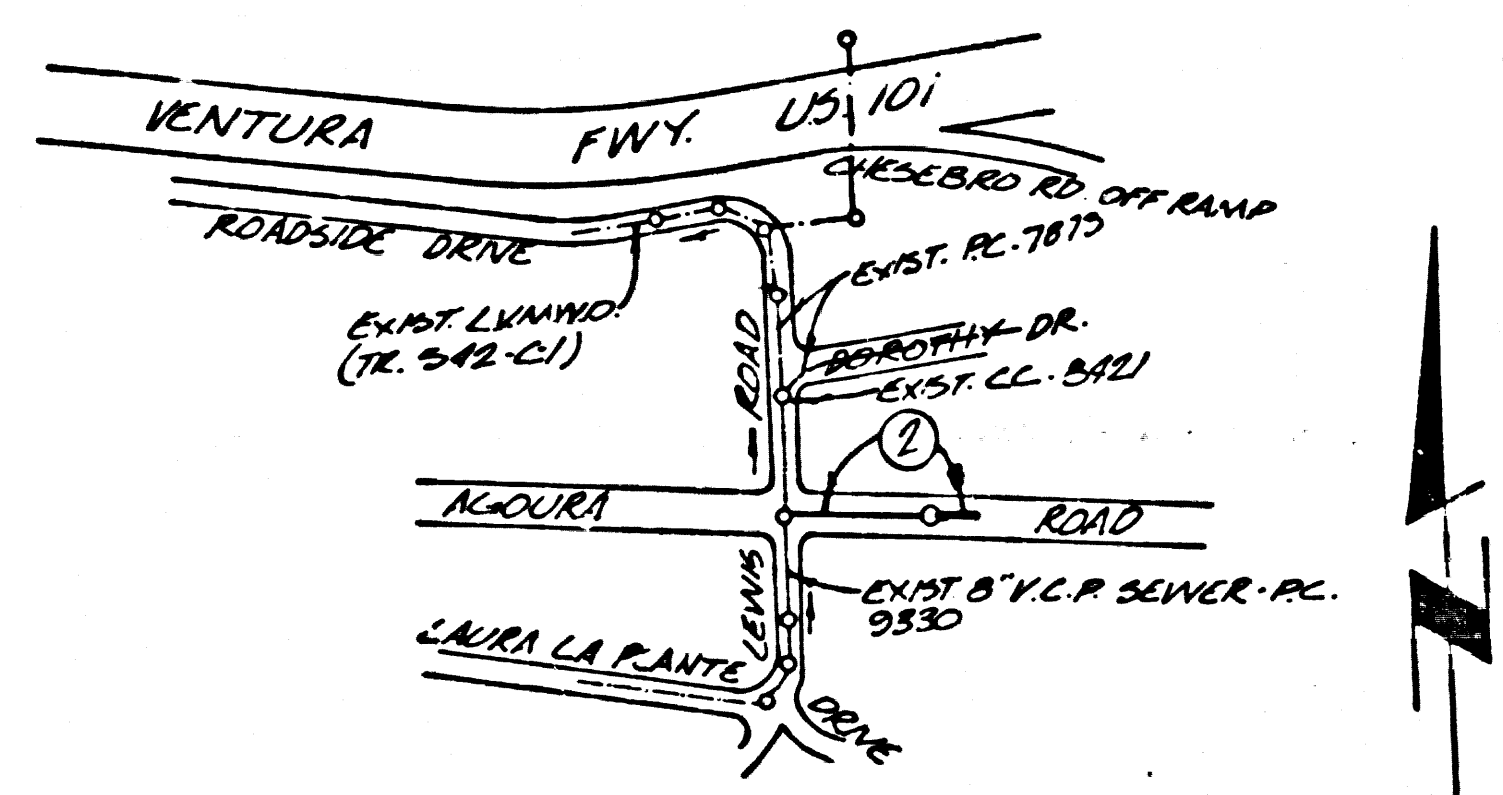


B.M. M.F. 15 ELEV. 878.186  
 C+BN IN CB. 3 FT. N. B.C.R. 83 FT. N.  
 24 FT. E. & INT. AGOURA ROAD +  
 LEWIS ROAD MKD.  
 MALIBU QUAD. 19 72



**INDEX MAP**  
 P.C. 9902  
 NOTE: NUMBER IN CIRCLE INDICATES  
 PAGE NUMBER  
 SCALE = 1"=400'

REVISION NO. 1 DATE 2.2.81  
 EXTENSION OF MAIN LINE IN AGOURA  
 ROAD IN ORDER TO PROVIDE 6" LAT.  
 TO LOT 9, TRACT 2788, MALIBU QUAD. 19  
 TO STA. 4+182.00  
 APPROVED *Richard D. Smith* 2/5/81  
 OFFICE OF COUNTY ENGINEER

NOTE: CONTRACTOR MUST EXERCISE EXTREME CAUTION WORKING  
 IN THE AREA OF EXIST. P.T. & T. CABLE. CONTRACTOR MUST NOTIFY  
 P.T. & T. 24 HOURS PRIOR TO STARTING CONST. (800) 422-413  
 (213) 886-0040

- GENERAL NOTES:** **DOUBLE SCALE**
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
  - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  - NO REPRESENTATIVE OF THE COUNTY ENGINEER 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, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PLANS AND 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 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.
  - 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. 3, AND PAY A FEE TO THE COUNTY ENGINEER, 450 S. VERMONT AVE., LOS ANGELES, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
  - IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 126 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
  - 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. THE WRITER ASSUMES TO ALL PAGES.
  - REFER TO SECTION 718.41 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
  - PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER COPIES OF PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES ROAD DEPT., A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIF. DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPT. OF COUNTY ENGINEER, 550 S. VERMONT, LOS ANGELES, CALIF. 90020, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

- CONSTRUCTION NOTES:**
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1977 EDITION) WITH 1980 SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER, 1978 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
  - THE CONTRACTOR SHALL NOTIFY THE CIVIL DIVISION, DIVISION OF TELEPHONE, 750 S. 256, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
  - WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
  - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-24 OR PRECAST CONCRETE MANHOLES PER S-24, EXCEPT AS NOTED.
  - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  - MANHOLES TO BE IN UNIMPAVED RIGHTS OF WAY TO BE 36 INCHES ABOVE FINISHED GRADE.
  - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "T", OR "S" PER STANDARD SPECIFICATIONS SECTION 206-2.
  - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, CASE 2, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
  - IF BURNING 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, CASE 2, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
  - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "W", WITH BURNING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 206-4.
  - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 206-1A OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
  - RESURFACE ALL TRENCHES WITHIN PAYEE AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - FULL COMPLIANCE WITH SECTION 206-15B OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE RESUMANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS** PAGE 1  
 TO BE CONSTRUCTED IN  
**AGOURA ROAD**  
 PRIVATE CONTRACT NO. 9902  
 W.S. 20 (162-001)  
 1 SHEET, 2 PAGES (49058)  
 SCALE: VERT. 1"=4' AUGUST, 1980  
 HORIZ. 1"=40'  
 PREPARED IN THE OFFICES OF  
**HARRIS ENGINEERING**  
 3324 WILCOLMS, SUITE 116  
 WESTLAKE VILLAGE, CA. 91362  
 BY: *Ulad H. Harris*  
 REG. C.E. No. 17210

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT.

LEGEND	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
STANDARD MANHOLE STEP	S-17
BRICKING FOR SEWER PIPE	S-21
CHANGING AND BRICKWORK	S-22
WYE OR TEE BRANCH	S-23
ALLOWABLE TRENCH WIDTHS	S-24
LOCKING MANHOLE FRAME AND COVER	S-25
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-26

COUNTY OF LOS ANGELES, CALIFORNIA  
 STEPHEN J. ADKINS COUNTY ENGINEER LAS VIRGENES MUNICIPAL WATER DISTRICT  
 APPROVED *Walter E. Murphy* 1/1/81 DATE  
 APPROVED *Walter Stokes* 1/9/81  
 GENERAL MANAGER  
 CHECKED *Dean Ephraim* 1/1/81 DATE  
 REG. C.E. NO. 25559  
 UNABASAS BLDG. DIST. 9.10

