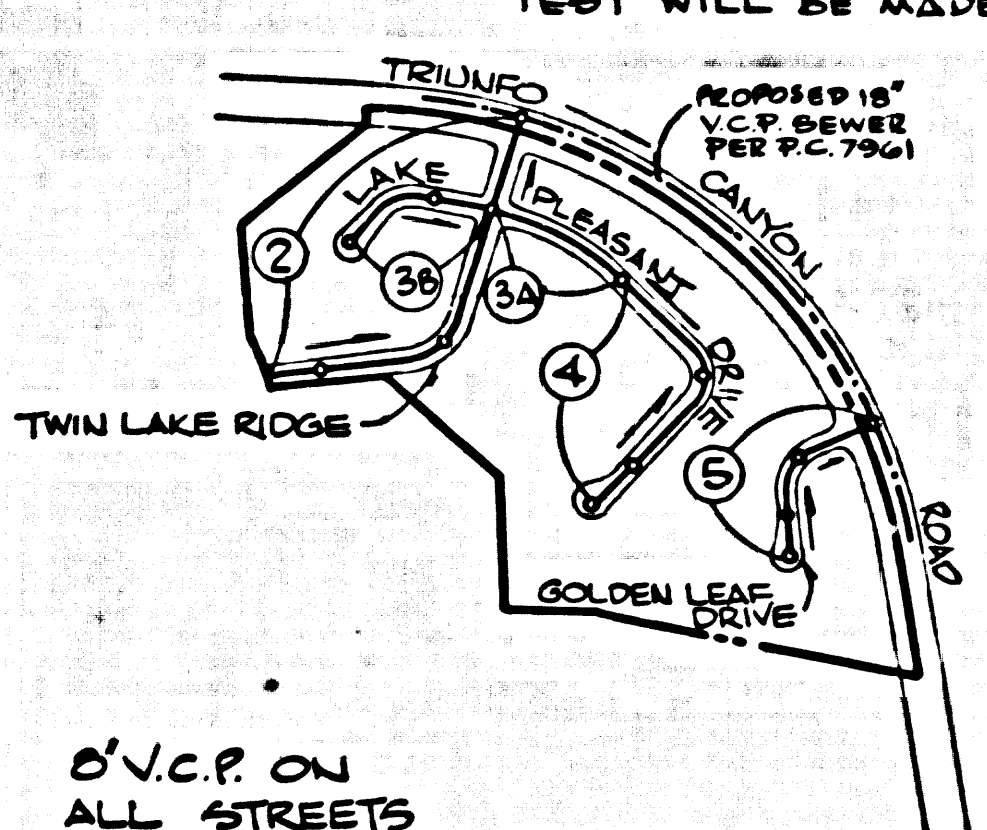


B.M. 54 5041 ELEV. 946.174  
 CHS. 50 ON W. SIDE C/S (DEEP INLET)  
 OF CL. VENTURA BLVD AT STA.  
 501+85 ± 3 M. W. CORNELL ROAD  
 MALIBU QUAD. 19 60  
 B.M. 54 5044 ELEV. 949.117  
 BK. CAP. C/O. ON CL. VENTURA BLVD AT  
 W. CORNELL RD. MALIBU, CALIF. SUR. RE. 529  
 VENTURA LOS ANGELES  
 MALIBU QUAD. 19 60

WHEN RADIUS OF SEWER IS LESS THAN 150 FEET USE 35 FT. LENGTHS OF V.C.P.

**TESTING PER LAS VIRGENES MUNICIPAL WATER DISTRICT**

1. 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/1000 FEET OR
2. 250 GALLONS/DAY/INCH OF DIAMETER
3. MANHOLE LEAKAGE TESTS: AT THE DISCRETION OF THE DISTRICT'S REPRESENTATIVE ONE MANHOLE OUT OF 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 EVERY ONE MANHOLE NOT PASSING TESTS FIVE MORE WILL BE TESTED AT THE DISCRETION OF THE DISTRICT'S REPRESENTATIVE
4. AIR TESTING: WHERE THE DIFFERENCE IN ELEVATION BETWEEN THE INVERT OF THE UPPER 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 PRESSURE SHALL NOT BE LESS THAN THOSE SHOWN ON THE FOLLOWING TABLE

MAIN PIPE DIAMETER	MINIMUM TIME LOSS
6" - 14"	1 MINUTE
15" - 20"	2 MINUTES
21" - 30"	3 MINUTES
31" - 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 CODES 715-569-0110

**DOUBLE SCALE CALABASAS BLDG. DIST. NO. 9.1**

- NOTES:
1. PROVIDE STAKES ON THE PROPERTY LINE OF PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
  2. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  3. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRAD SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND TIE 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 STEEPER THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
  4. 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.
  5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
  6. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-4747, EXT. 8151, AT LEAST TWENTY FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  7. MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S-8-04 PRECAST CONCRETE MANHOLES PER S-8-01 OR S-6-6 EXCEPT AS NOTED.
  8. USE STANDARD MANHOLE FRAMES AND COVERS, S-18, EXCEPT AS NOTED.
  9. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
  10. USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
  11. USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPECS, SECS. 24, 48 & 68
  12. 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.
  13. 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.
  14. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE ... 6" ... FEET BELOW CURB GRADE EXCEPT AS NOTED.
  15. REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  16. TIE BRANCHES MAY BE USED IN PLACE OF V.C.P. BRANCHES EXCEPT AS NOTED.
  17. ALL STAKES AND LOCAL TRENCH PARTY DEEDS WILL BE STRICTLY ENFORCED.

PROFILE ALIGNMENT AND GRADE OF **P.C. 7995**  
**SANITARY SEWERS PAGE 1**

**TRACT No 29072**  
**PRIVATE CONTRACT NO. 7995**

W.S. 193  
 3 SHEETS, 9 PAGES  
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40'  
 DEC. 1967  
 PREPARED IN THE OFFICES OF  
**ENGINEERING SERVICE CORPORATION**  
 J.R. Hummel  
 REG. C.E. NO. 11091

FOR LEGEND SEE PLAN NO. S-1

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 BETWEEN SAID DESIGNATED POINTS. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929. THE DRAWINGS AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS. IF REVISIONS ARE REQUIRED 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. 1, 1110 WEST SECOND STREET, LOS ANGELES, CALIFORNIA. THE COUNTY ENGINEER'S OFFICE IS AT 1110 WEST SECOND 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 OR OF 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, 125 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA  
 JOHN A. LAMBE, COUNTY ENGINEER  
 LAS VIRGENES MUNICIPAL WATER DISTRICT  
 APPROVED BY: *James H. Miller* REGIONAL ENGINEER  
 APPROVED BY: *J. W. S. Baker* GENERAL AGENT & CHIEF ENGINEER

CHECKED BY: *J. W. S. Baker*  
 REG. C.E. NO. 2462

**PRIVATE ENGINEER'S 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 OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. 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 THESE PLANS.

INDEX MAP  
 TRACT No 29072  
 SCALE 1" = 600'  
 PG. 7995

REVISIONS:  
 CHANGED LOT LINES & DIMENSIONS FOR LOTS 5 THRU 14, 21 THRU 28 & 45 THRU 49, PAGES 2, 3, 4 & 5.  
*James H. Miller* *Nov. 9, 1968*  
 APPROVED DATE

COLLECT CHARGES AS INDICATED  
*Robert C. Niles* 2 Feb. 1968

ISSUE NO PERMITS UNTIL OUTLET IS CLEARED BY SANITATION DIVISION

J.N. 0250.02

