

B.M. SY 5644 ELEV. 949.117
 BR. CAP 6 IN. DN. CL. VENTURA BLVD @ L.A. - VENTURA CO.
 LINE 3.5 MI. W. CORNELL RD. MKD. (L.A. CO. SUR. R.E. 129)
 VENTURA - LOS ANGELES
 MALIBU QUAD. 1960

L.V.M.W.D. TESTING NOTES

- 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: 0.018 GALLONS/MINUTE/INCH OF DIAMETER/1,000 FEET OR 250 GALLONS/DAY/INCH OF DIAMETER/MILE.
- MANHOLE LEAKAGE TESTS: AT THE DISCRETION OF THE DISTRICT'S 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 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
12" - 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.



INDEX MAP
 SCALE 1"=600'
 TRACT No 28966
 RC. 8018

THE FOLLOWING COUNTY ENGINEER STANDARD PLANS APPLY TO THIS PROJECT:

LEGEND	NO.
MINIMUM EXCAVATION SAFETY REQUIREMENTS	S-1
BRICK MANHOLES	S-2
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-3
MANHOLE FRAME AND COVER	S-4
MANHOLE STEP	S-5
BEDDING FOR SEWER PIPE	S-6
CRADLING AND ENCASUREMENT	S-7
WYE OR TEE SUPPORT	S-8
ALLOWABLE TRENCH WIDTHS	S-9
STOPPERS	S-10
SADDLE	S-11

CALABASAS BLDG. DIST. NO. 91

- 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 ON 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 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 9-4747, EXT. 81581, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - ALL STRUCTURES SHALL BE BRICK MANHOLES PER S-3 EXCEPT AS NOTED.
 - USE STANDARD MANHOLE FRAMES AND COVERS, S-11, EXCEPT AS NOTED.
 - MANHOLE TOPS ON UNIMPROVED PORTIONS OF WAY TO BE 30 INCHES ABOVE FINISHED GRADE.
 - USE EXTRA STRENGTH PIPE ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
 - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D", "E", OR "B" PER STD. SPEC. SEC. 908-2.
 - 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 6" BELOW LOT LINE 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.
 - ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE STRICTLY ENFORCED.
 - SPECIAL BACKFILL IN DESIGNATED AREAS:
 - BACKFILL TRENCH AND REPLACE OTHER EARTH REMOVED SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS TRACT BY THE BUILDING AND SAFETY DIVISION.
 - ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TEST D99-57 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.
 - SEWER PIPE BEDDING SHALL CONFORM TO S-6.
 - T'S MAY BE USED IN PLACE OF Y'S EXCEPT AS NOTED.
 - FIGURES IN CIRCLES AT ENDS OF HOUSE LATERALS INDICATE DEPTH AT PROPERTY LINE OTHER THAN 6 FEET.
 - LOT 304 TRACT NO. 28966 IS DEDICATED TO THE COUNTY OF LOS ANGELES FOR SANITARY SEWER PURPOSES.

COLLECT CHARGES AS INDICATED
Thomas J. Koval

PROFILE ALIGNMENT AND GRADE OF
 SANITARY SEWERS
 TO BE CONSTRUCTED IN

TRACT No 28966
 PRIVATE CONTRACT NO. 8018

W.S. 93
 2 SHEETS; 4 PAGES
 SCALE: HORIZ. 1"=40' VERT. 1"=4'
 JANUARY, 1968
 PREPARED IN THE OFFICES OF
 THE STRINGER COMPANY, 620 N. BEACH BLVD.
 LA HABRA, CALIFORNIA (818) 971-1784 (714) 521-6633

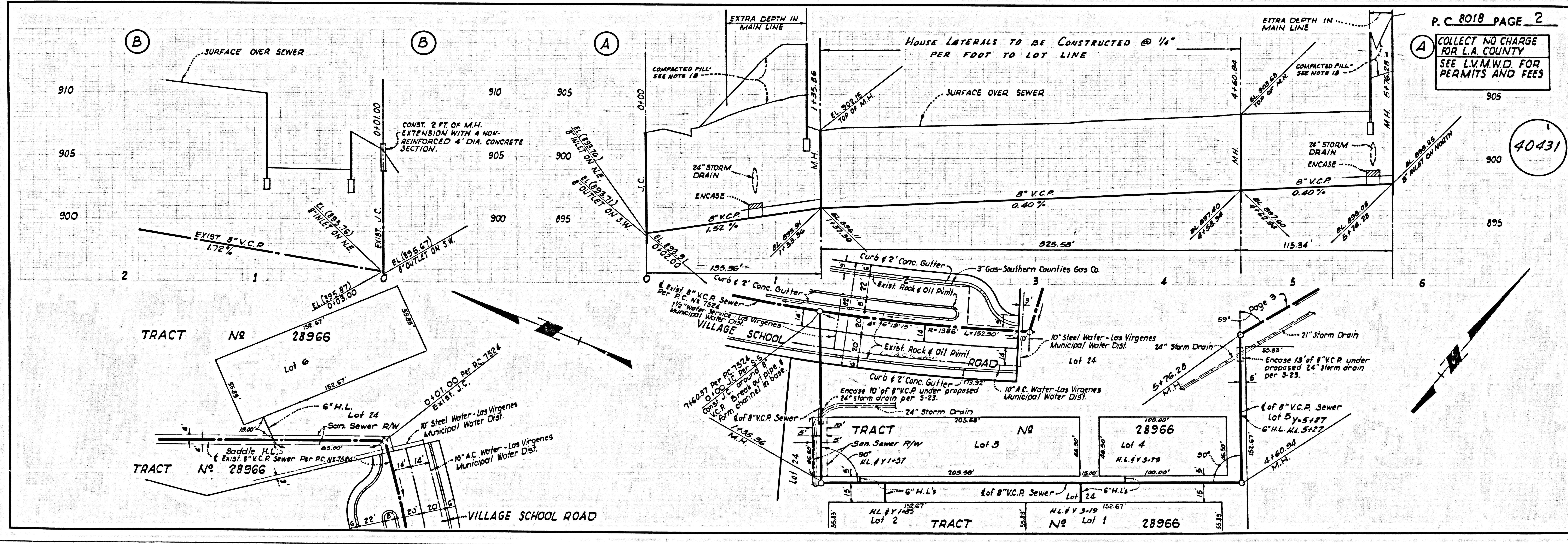
REG. C. E. JO. 9628
 FOR LEGEND SEE PLAN NO. S-1

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. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND COUNTY ENGINEER SPECIAL PROVISIONS DATED FEBRUARY 15, 1958, AS REVISED, AND SHALL BE PROCURED ONLY BY 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. 100, 100 WEST SECOND STREET, LOS ANGELES, CALIFORNIA. THE PERMIT FEE IS \$100.00. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FEES.
 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 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, 130 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE, COUNTY ENGINEER
 APPROVED BY *Sam H. Miller* REGIONAL ENGINEER
 APPROVED BY *W. J. Stuber* CHIEF ENGINEER

CHECKED BY *J. N. 0250.02*
 REG. C. E. NO. 3466

J. N. 0250.02



P.C. 8018 PAGE 2
 COLLECT NO CHARGE FOR L.A. COUNTY SEE L.V.M.W.D. FOR PERMITS AND FEES

40431

