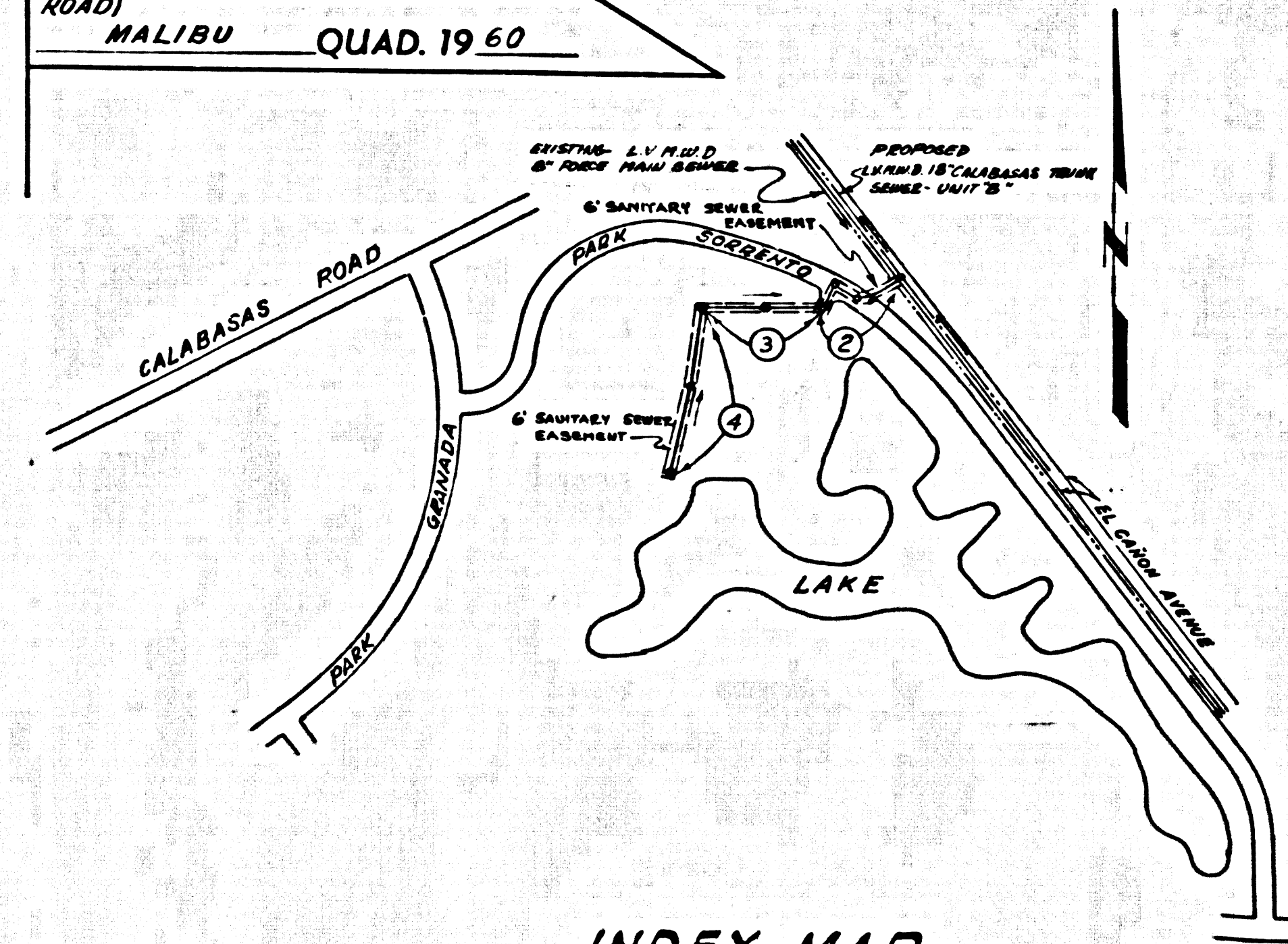


B.M. #SY 4929 ELEV 920.634 (1940 AD)
 R.D.B.M. TAG CONC. CO. 5" SE GUARD
 HOUSE ENTRANCE TO HIDDEN HILLS
 2" NORTH & LONG VALLEY RD. (PRIVATE
 ROAD)
 MALIBU QUAD. 19 60



INDEX MAP
 SCALE 1"=600'
 P.C. 7981

TESTING

1. INFILTRATION AND LEAKAGE TEST: METHOD USED FOR TESTING WILL BE THE SAME AS LOS ANGELES COUNTY, EXCEPT THE FORMULA TO BE USED IS AS FOLLOWS: $0.085 \text{ GALLONS/MINUTE/INCH OF MANHOLE DIAMETER/100 FEET, OR 250 GALLONS/DAY INCH OF DIAMETER/MILE.}$
2. MANHOLE LEAKAGE 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.
3. 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:

MANHOLE DIAMETER	MINIMUM TIME LOSS
6" TO 14"	1 MINUTE

 IF THE TIME IS LESS THAN LISTED IN THE TABLE ABOVE THE CONTRACTOR SHALL MAKE SUCH REPAIRS AS ARE NECESSARY TO ELIMINATE EXCESSIVE LEAKAGE. THE CONTRACTOR SHALL NOTIFY THE L.V.M.W.D. 48 HOURS PRIOR TO COMMENCING WORK. TELEPHONE 215-891-0110.

REVISION: DATE 3-27-1968
 BY ALPHABET OF MANHOLE
 SHEETS FROM 4-42-18
 TO STA. 18+64.43
 PAGE 2 REVISED GRADE BETWEEN
 STA. 122+44+25.15
 AND 127+14+43.5
 L. Miller
 3/27/68
 DATE

DOUBLE SCALE
 CALABASAS BLDG. DIST. NO. 9/

- NOTE:
1. PROVIDE GRADES ON THE PROPERTY LINE OR 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 GRADE SHEETS AND STATIONINGS FOR ALL HOUSE LATERALS AND 10" MANHOLES AND SHALL PROVIDE GRADES FOR THESE AT THEIR PROPER LOCATIONS WITH STATIONINGS PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT WHERE SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGES IN ALIGNMENT SHALL BE REQUESTED BY 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, HANSHON 4-42, EXT. 8138, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 7. MANHOLES SHALL BE EITHER BRICK SEWER STRUCTURES PER 8-8 OR PRECAST CONCRETE MANHOLES PER 8-8 OR 8-9, EXCEPT AS NOTED.
 8. USE STANDARD MANHOLE FRAMES AND COVERS, 8-1, EXCEPT AS NOTED.
 9. MANHOLE TOPS BE UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 10. USE STEEL STRENGTH PIPE, ALL PIPE BE STANDARD DEPTH EXCEPT AS NOTED.
 11. USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPECS. SEC. 10, 8 & 9.
 12. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 8-20, TWO FEET ON EACH SIDE FROM 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 12" OR OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 14. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 15. SURFACE ALL FINISHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD SPEC. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 16. ALL STATE AND LOCAL TRAFFIC SAFETY ORDERS WILL BE STRICTLY ENFORCED.
 17. THE CONTRACTOR SHALL OBTAIN GRADE SHEETS FOR TOP OF MANHOLES FROM THE ENGINEER.
 18. SPECIAL BACKFILL IN DESIGNATED AREAS:
 - a) 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 THE DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION.
 - b) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF D98-51T AS MODIFIED ACCEPTABLE CERTIFICATION OF SUCH COMPACTON SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.
 19. JOINTS BETWEEN V.C.P. AND C.I.P. TO BE MADE WITH RUBBER SLEEVE JOINTING AS PER 61A SPECS. SEC. 36.

COLLECT CHARGES
 AS INDICATED

Handwritten signature

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS PAGE 1

TO SERVE
 EL CAÑON
 SWIM AND TENNIS CLUB
 PRIVATE CONTRACT NO. 7981

W.S. 60
 2 SHEETS, 4 PAGES

SCALE: HORIZ. 1"=60' VERT. 1"=5'

39785

PREPARED IN THE OFFICES OF
 BECTEL CORPORATION
 2360 CALABASAS ROAD, CALABASAS, CALIFORNIA

BY *Handwritten signature*
 REG. C.E. NO. 71523

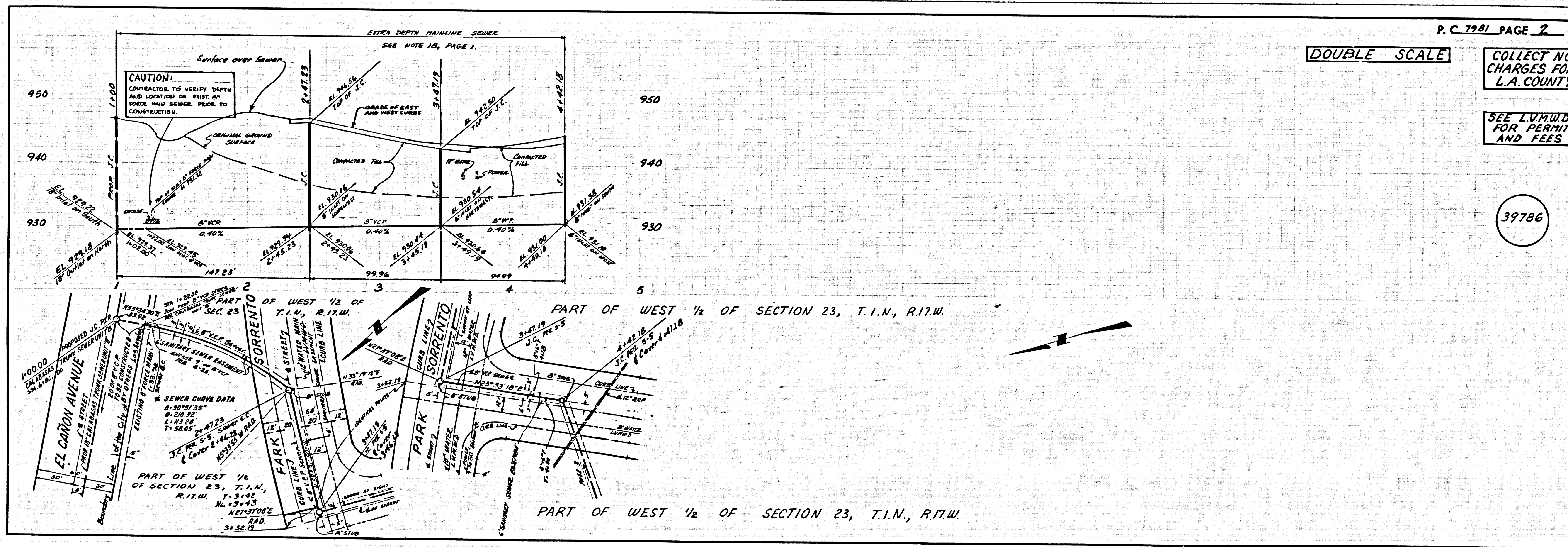
FOR LEGEND SEE PLAN NO. 8-1

NOTE:
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. ALL POINTS BETWEEN HEADS AND TAILS OF GRADES SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE BETWEEN THESE DESIGNATED POINTS. REVISIONS SHALL BE MADE TO THESE GRADES IN ACCORDANCE WITH THE SPECIFICATIONS.
 THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.
 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. ... AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 303, COUNTY ENGINEERING BLDG., CONSTRUCTION DIVISION, 480 SOUTH MAIN 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 THE 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 CITY HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, THE SOUTH SPANISH STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBE, COUNTY ENGINEER LAS VIRGENES MUNICIPAL WATER DISTRICT
 APPROVED BY *Handwritten signature* REGIONAL ENGINEER APPROVED BY *Handwritten signature* CHIEF ENGINEER

CHECKED BY *Handwritten signature*
 REG. C.E. NO. 2456

J.N. 0368.85



DOUBLE SCALE

COLLECT NO
 CHARGES FOR
 L.A. COUNTY

SEE L.V.M.W.D.
 FOR PERMITS
 AND FEES

39786

