

B.M. SY 4088-A ELEV. 29.436
 L.A. Co. Surveyors tag in curb at
 int. of Avalon Blvd
 223rd St. 58°53'45"W of Int.
 GARDENA QUAD. 19 60

LOMITA BLDG. DIST. NO. 12

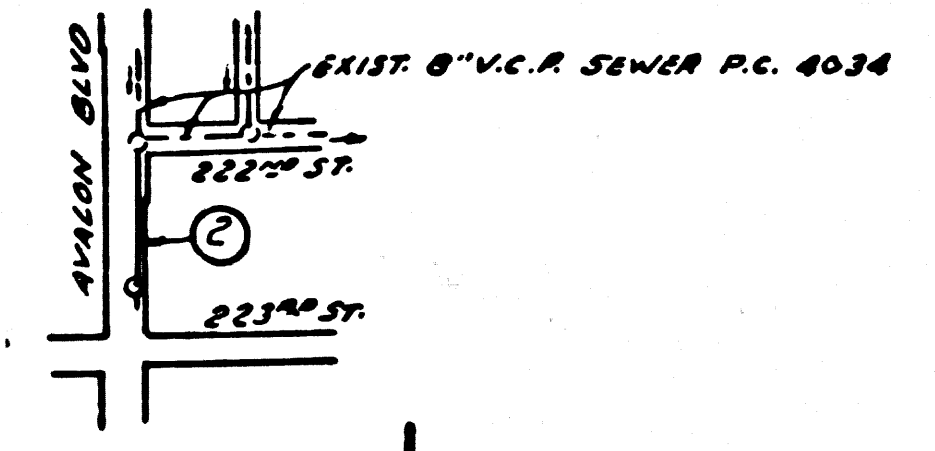
PROFILE ALIGNMENT AND GRADE OF
 SANITARY SEWERS PAGE 1

TO BE CONSTRUCTED IN
 AVALON BLVD
 34501
 PRIVATE CONTRACT NO. 6844

W.S. 28
 1 SHEET 2 PAGES
 SCALE: VERT. 1"=4'
 HORIZ. 1"=40'
 JAN., 1964
 PREPARED IN THE OFFICES OF
 ARROW ENGINEERING CO., INC.
 2910 W. 164th ST. - GARDENA, CAL.
 PHONE: DR. 2-5676 - FA-1-1936
 By: *Oliver W. Murray* 1-6-64
 REG. C. E. NO. 2548

- 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 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 9-4747, EXT. 81551, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S-104. PRECAST CONCRETE MANHOLES PER S-6-135 OR S-6-173 MAY BE USED AS AN ALTERNATE IN LOCATIONS APPROVED BY THE COUNTY ENGINEER.
 - USE STANDARD MANHOLE FRAMES AND COVERS, S-107, 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.
 - USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPECS. SECS. 36 & 48. F48
 - WHERE EVER GROUND WATER IS ENCOUNTERED DURING THE CONSTRUCTION OF THE SEWERS THE V.C.P. JOINTS SHALL BE OF JOINT COMPOUND PER SPECS. SECS. 36-3-48, OR MECHANICAL COMPRESSION JOINTS PER SPECS. SEC. 36.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-6-172, CASE III, 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-6-172, CASE III, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE ... FEET BELOW E GRADE OF STREET.
 - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. ... SPECS. SEC. 54.
 - ALL STATE AND LOCAL TRENCH SAFETY LAWS SHALL BE STRICTLY ENFORCED.

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. 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.
 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 330, COUNTY ENGINEERING BUILDING, 104 WEST SECOND STREET, LOS ANGELES, CALIFORNIA, REGIONAL OFFICE, SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND SECOND 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 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, 126 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.



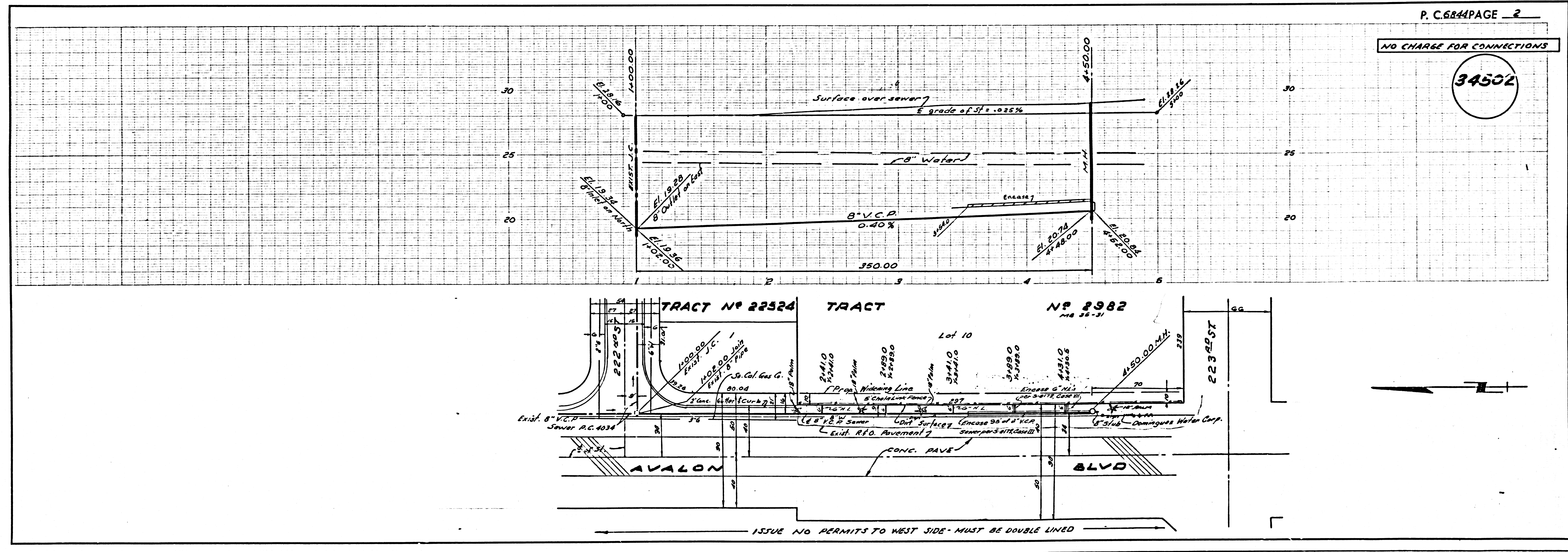
REVISION
 Added 4'-6" H.L.T.
 at approx. Sta. 2185.0,
 2190.0, 2185.0, & 2140.0
 Approved *Ralph Schaffer*
 Reg. C.E.

INDUSTRIAL WASTE DIVISION
Joe R. Clough 1-9-64

COLLECT CHARGES
 AS INDICATED
L. Curtis 1-14-64

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE, COUNTY ENGINEER
 J. D. P. RICHURST, CHIEF ENGINEER
 APPROVED BY: *Richard E. Keller*
 ASSISTANT SANITATION ENGINEER
 SUBMITTED BY: *Jack E. Kinsinger*
 REGIONAL ENGINEER
 CHECKED BY: *Ralph Schaffer*
 REG. C.E. NO. 13766

J.N. 0362.28



NO CHARGE FOR CONNECTIONS

34502

P.C. 6844 PAGE 2

ISSUE NO PERMITS TO WEST SIDE - MUST BE DOUBLE LINED