

B.M. BY 625 ELEV. 189.873
 BT. NR. S. BCR @ S.E. COR. PIONEER
 BLVD. AND ORANGE AVE.
 WHITTIER QUAD. 1965

WHITTIER BLDG. DIST. NO. 11

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS P.C. 8356
 TO BE CONSTRUCTED IN PAGE 1

PIONEER BOULEVARD
 PRIVATE CONTRACT NO. 8356

W.S. 37
 1 SHEET 2 PAGES

SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'

AUGUST 22, 1969
 PREPARED IN THE OFFICES OF
 OLEN MURREY CIVIL ENGINEER
 223 E. GARVEY AVE. MONTEREY PARK, CALIF.

By: *Olen Murrey*
 REG. C.E. NO. 9548

- NOTES:
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT 1/8" RISE PER FOOT TO PROPERTY LINE.
 - 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" 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.
 - THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AS THE PROPERTY LINE BELOW THE 6" OF STREET 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 9-6700, EXT. 8158, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - ALL STRUCTURES SHALL BE BUILT TO SPECIFICATIONS PER 5-3 OR PERCAST CONCRETE MANHOLES PER 5-3.
 - "T" BRANCHES SHALL BE USED FOR CONNECTIONS TO MAINLINE SEWERS.
 - MANHOLE TOP TO BE AT FINISH GRADE.
 - USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
 - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D", "T", OR "G" PER STANDARD SPECIFICATIONS SECTION 386-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-25, 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 5-25, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - REINFORCE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS BY ACCORDANCE WITH PERMITS.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 386-2.3.7 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 - SEWER TO SECTION 7-16.1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SURVEY JOINT, TYPE "C" OR "D", FIFTEEN FOLLOWING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 386-2.

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 SPICED 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. MEAN LEVEL DATUM OF 1929.

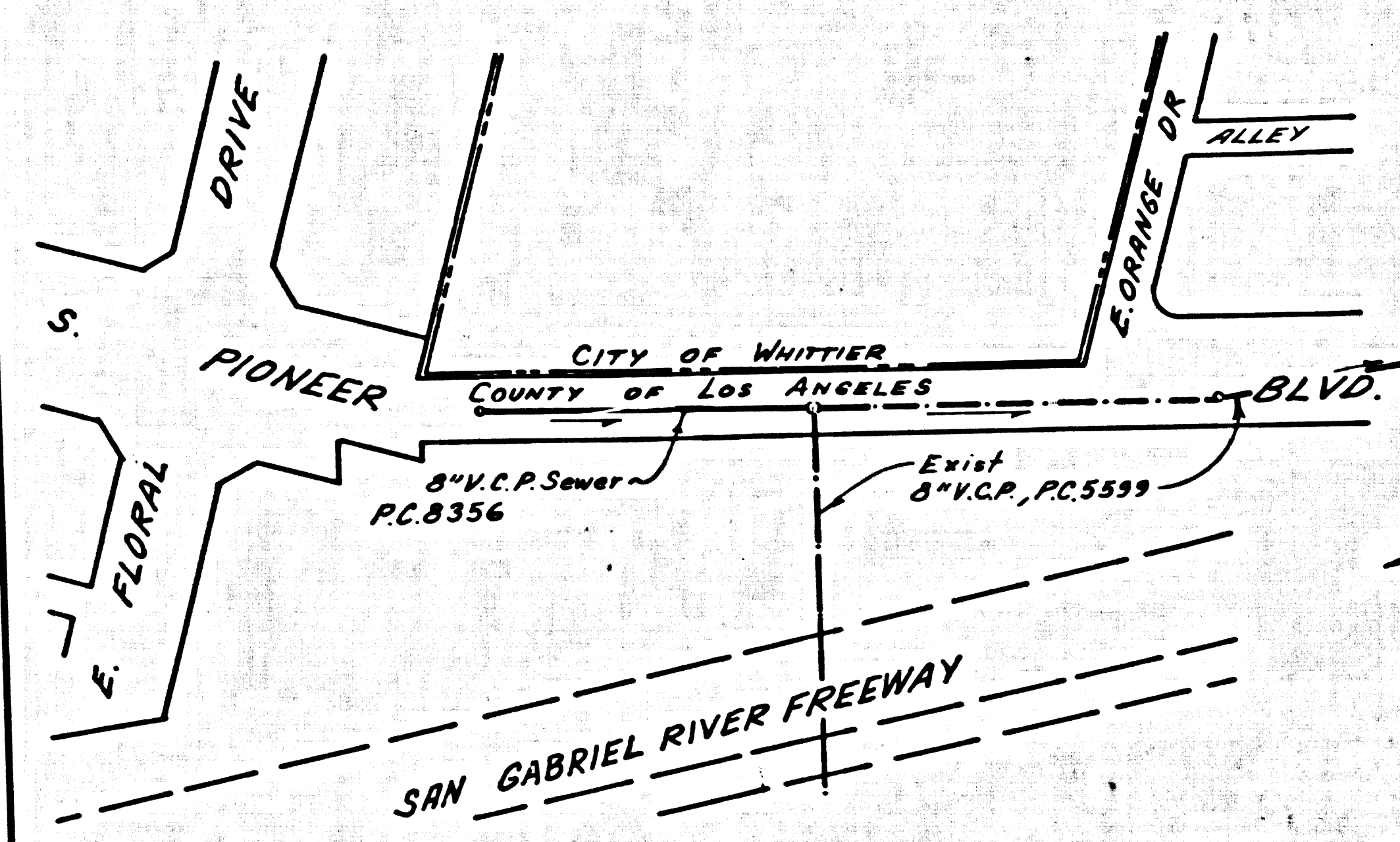
WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 2, 1970 AS REVISED, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.

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. 18, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 386, COUNTY ENGINEERING DEPARTMENT, 120 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. 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 HIGHWAY, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER
 APPROVED BY *[Signature]* DATE 8/21/69 APPROVED BY *[Signature]* DATE 8/21/69
 REGIONAL ENGINEER OFFICE ENGINEER
 CHECKED BY *[Signature]* DATE 8/21/69
 REG. C.E. NO. 15931



INDEX MAP
 SCALE 1" = 100'
 PIONEER BLVD.
 P.C. 8356

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1025 x 4400-4401)
 Acceptance of the project.

No connections for the disposal of industrial wastes shall be made to sewers shown on these drawings without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.

REVISION No. 2
 Revised Notes, Dates and reference Specifications to bring Plan up to date so as to extend Time Limit for construction.
 APPROVED: *[Signature]* DATE 8/21/69
 NAME R.C.E. NO. DATE

COLLECT CHARGES AS INDICATED

LEGEND

MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
RIBBON MANHOLE	5-3
NON-REINFORCED PERCAST CONCRETE MANHOLE	5-4
MANHOLE FRAME AND COVER	5-36
STANDARD MANHOLE STEP	5-17
WOODING FOR SEWER PIPE	5-31
CAULKING AND ENCASING	5-28
PIPE OR ITS SUPPORT	5-29
ALLOWABLE TRENCH WIDTHS	5-32
BRANCH CONNECTION TO EXIST. MANHOLE	5-13

REVISION No. 1
 Extended Main Sewer Line 60' due to 0+00 M.H. Shown between lots 647 instead of lots 819.
 APPROVED: *[Signature]* DATE 8/21/69
 NAME R.C.E. NO. DATE

COLLECT CHARGES AS INDICATED

SCALES
 HORIZONTAL = 1" = 40'
 VERTICAL = 1" = 4'

COLLECT ORDINANCE FRONTAGE CHARGE \$5.00 PER FRONT FOOT \$125.00 MIN.

