

B.M. BY 6640. ELEV. 236.809  
 E.C. MON IN N.W. WINGWALL BR. NO. 53-250  
 ON WORKMAN MILL RD. OVER SAN JOSE  
 CREEK MKD. (B.M. 99 F-48)  
 WHITTIER QUAD. 19.70

**REVISION**  
 1. RELOCATE MANHOLES - STA. 11+72.58 TO  
 11+27.17 - STA. 12+14.11 TO 11+43.17  
 2. SHOW EXIST. OF 18" V.C.P. WITH LATERALS TO R/W  
 3. 15" V.C.P. PER 5-23, CASE II APPROVED: KCM 8-28-73  
 JOHN H. HARRIS, S.E.  
 APPROVED: R.C. MURPHY, S.E. 1-24-73  
 DATE

No connections for the disposal of  
 industrial wastes shall be made to  
 sewer lines or storm drains  
 without written permission from the  
 Chief Engineer and General Manager  
 of the County Sanitation Districts.

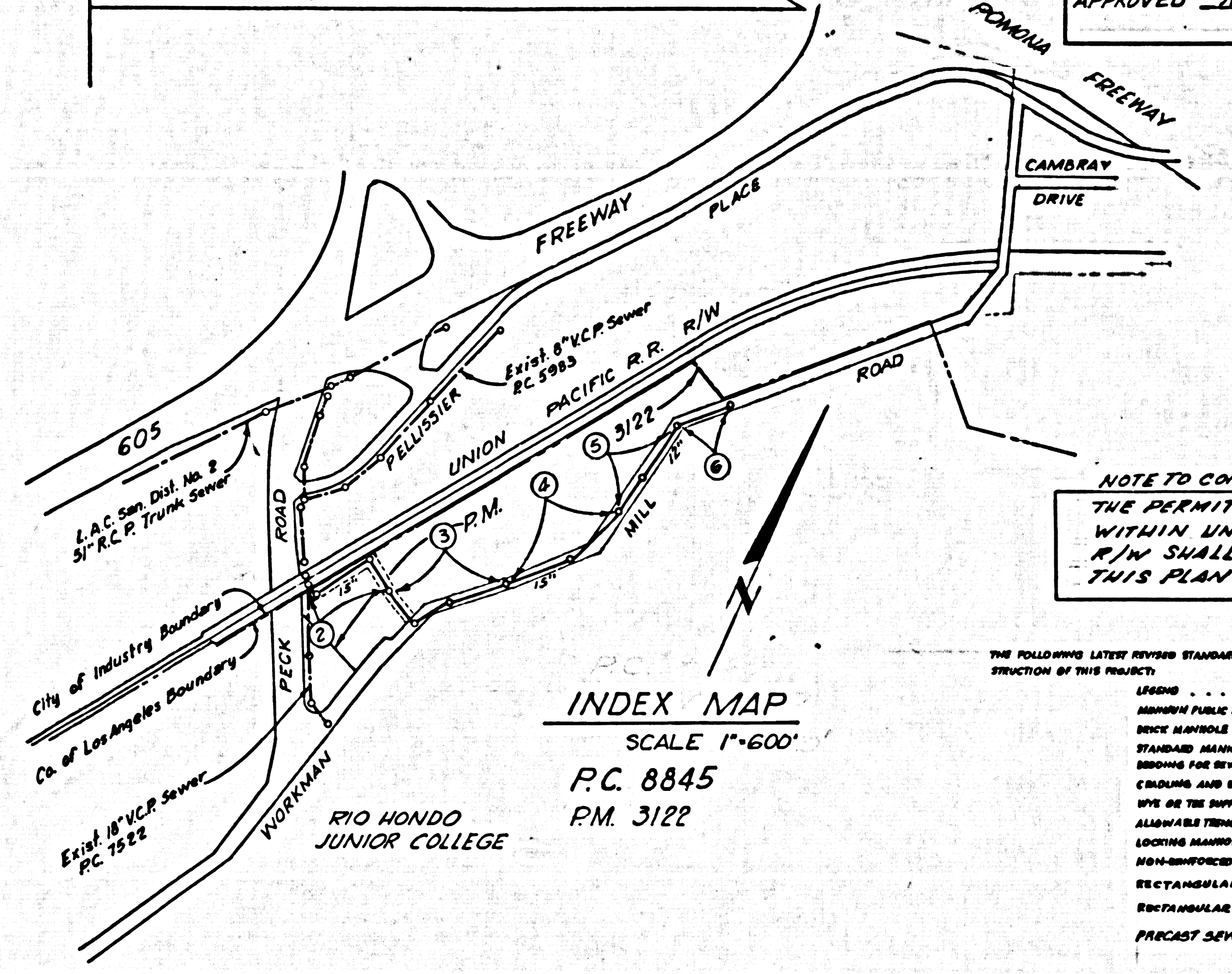
County Sanitation Districts shall be  
 notified prior to the following so  
 that they (and inspection) can be made  
 (Phone 877-7777 - 490070)  
 742-8605

ACCEPTANCE OF THE PROJECT

**NOTE TO CONTRACTOR**  
 THE PERMIT TO RISE/OF ENTRY  
 WITHIN UNION PACIFIC RAILROAD  
 R/W SHALL BE MADE A PART OF  
 THIS PLAN

THE FOLLOWING LATEST REVISION STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT

LEAKAGE	5-1
MANHOLE PUBLIC SAFETY IMPROVEMENTS	5-2
RECTANGULAR MANHOLES	5-3
STANDARD MANHOLE TOP	5-4
SEWERAGE FOR SEWER PIPES	5-5
ENCLOSING AND ENCASING	5-6
PIPE AND THE SUPPORT	5-7
ALLOWABLE THROUGH SYSTEMS	5-8
LOADING MANHOLE FRAMES AND COVERS	5-9
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-10
RECTANGULAR SHALLOW MANHOLE	5-11
RECTANGULAR MANHOLE FRAMES & COVERS	5-12
PRECAST SEWER MANHOLE	5-13



**INDEX MAP**  
 SCALE 1"=600'  
 P.C. 8845  
 P.M. 3122

**WHITTIER NO. BLDG. DIST. NO. 11**

NOTE:  
 1. PROVIDE STAKES 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 STATIONING FOR ALL "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLANNED MARKER.

- (4) 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, HADISON 9-07, EXT. 8180, AT LEAST TWENTY-FOUR HOURS BEFORE STATING ANY WORK UNDER THIS CONTRACT.
  - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-3 OR PRECAST CONCRETE MANHOLES PER 5-3-6, EXCEPT AS NOTED.
  - USE STANDARD MANHOLE FRAMES AND COVERS, 5-6 EXCEPT AS NOTED.
  - MANHOLE TOPS ON UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE, EXCEPT AS NOTED.
  - USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
  - PIPE BRANCHES TO BE USED FOR CONNECTIONS TO MAINLINE SEWERS SHALL BE SIX INCHES.
  - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-23, CASE II, 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 5-23, CASE II, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
  - WYTHRIPED CLAY PIPE JOINTS SHALL BE TYPE "D", "F", OR "G" PER STANDARD SPECS. SACK 218-2.
  - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-2.3.7 UNIFORM STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
  - REFER TO SECT. 7-10-6.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
  - ALL JOINTS BETWEEN CAST IRON PIPE AND WYTHRIPED CLAY PIPE SHALL BE MADE WITH A RUBBER SLIPSEAL JOINT, TYPE "C", OR "D", (WITH BUSHINGS IF NECESSARY) PER STANDARD SPECS., SECT. 308-2.
  - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-2.3.7 OF THE STANDARD SPECS. AND SPECIAL PROVISIONS.
  - ALL EXCAVATIONS IN THE CITY OF INDUSTRY WILL REQUIRE PERMITS FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO ISSUANCE OF CITY OF INDUSTRY PERMIT.
  - SPECIAL BACKFILL AND PROTECT OTHER EXISTING EARTH IMPROVED SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS TRACT BY THE BUILDING & SAFETY DIVISION.
    - ALL BACKFILL (EARTH REPLACED) SHALL BE COMPACTED TO A MIN. OF 90% OF MAX. DENSITY PER A.S.T.M. STD. METHOD OF TEST D-698-57T AS INDICATED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.
    - SOIL COMPLIANCE WITH SECTION 306-1.3.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION (SAND EQUIVALENTS) BY A QUALIFIED, REGISTERED TESTING LAB. SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

**COLLECT CHARGES AS INDICATED**

PROFILE ALIGNMENT AND GRADE OF  
**SANITARY SEWERS** P.C. 8845  
 PAGE 1

TO BE CONSTRUCTED IN  
 WORKMAN MILL ROAD  
 FOR  
 P.M. 3122

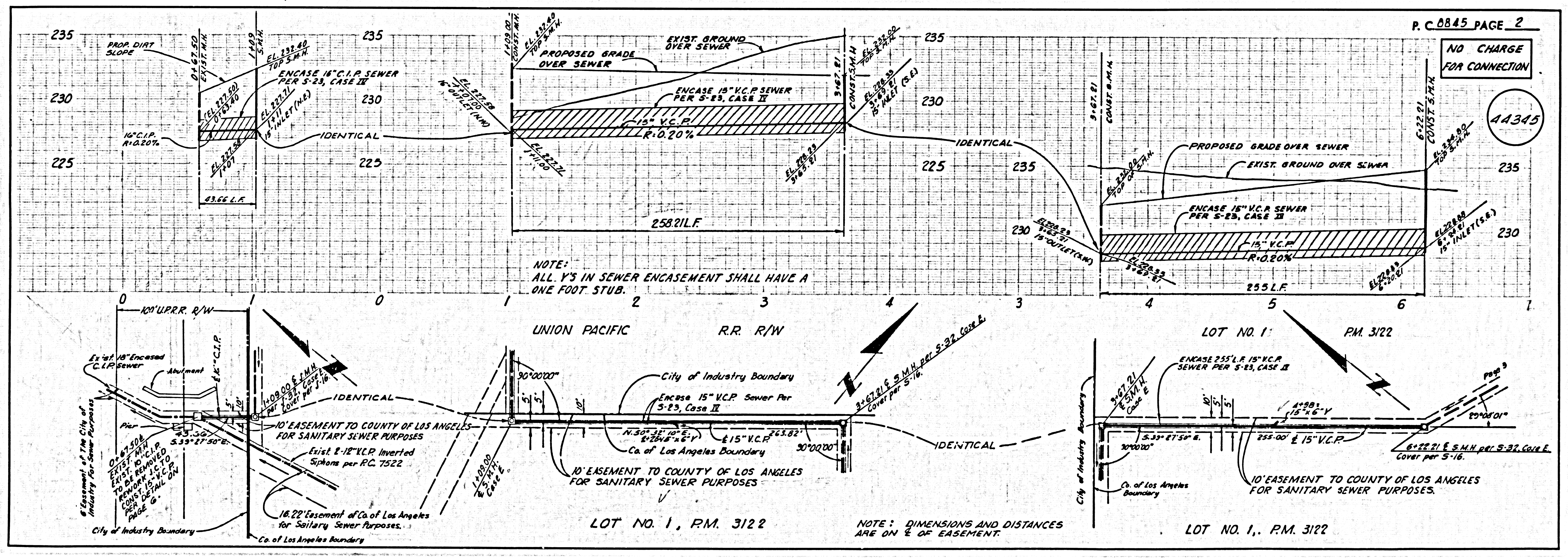
**PRIVATE CONTRACT NO. 8845**

W.S. 37  
 3 SHEETS, 6 PAGES  
 SCALE: HORIZ. 1"=40' VERT. 1"=4'  
 DATE: OCTOBER, 1972  
 PREPARED IN THE OFFICES OF  
**NATIONAL ENGINEERING CO.**  
 255 N. HACIENDA BLVD.  
 CITY OF INDUSTRY, CALIF.  
 REG. C.E. NO. 20330

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. MEAN LEVEL DATUM OF 1929.  
 THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF THE COUNTY OF LOS ANGELES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE COMMENCEMENT OF WORK. WORK SHALL BE CONSTRUCTED ACCORDING TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF THE COUNTY OF LOS ANGELES, LATEST EDITION, AND SHALL BE MANUFACTURED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER. THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 11, AND PAY A FEE TO THE COUNTY ENGINEER. LOCAL ORDINANCES APPLICABLE TO THE PROJECT SHALL BE OBTAINED FROM THE COUNTY ENGINEER. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR 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, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA  
 HARVEY E. BRANDT, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER  
 APPROVED BY: [Signature] APPROVED BY: [Signature]  
 CHECKED BY: [Signature] 4/1/73  
 REG. C.E. NO. 15931  
 CITY OF INDUSTRY  
 APPROVED: [Signature] 3/23/73  
 CITY ENGINEER J. N. 0250.05



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NO CHARGE FOR CONNECTION

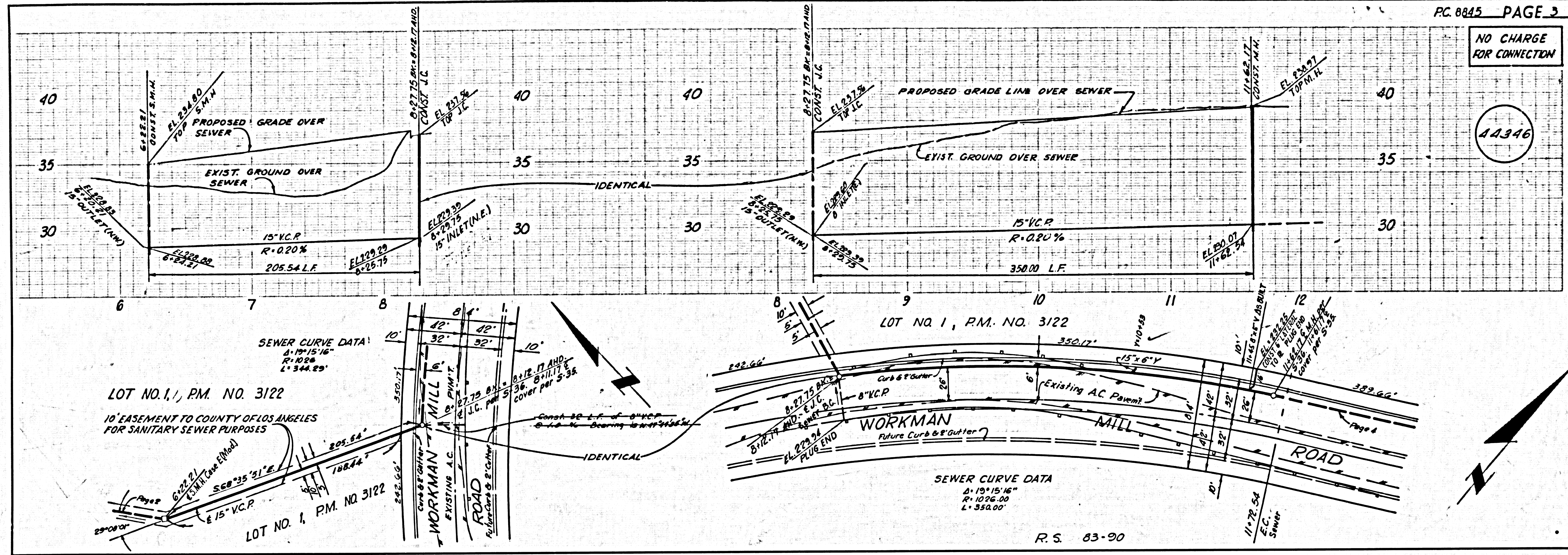
44345

NOTE:  
 ALL 'Y'S IN SEWER ENCASEMENT SHALL HAVE A ONE FOOT STUB.

NOTE: DIMENSIONS AND DISTANCES ARE ON 1/2" OF EASEMENT

NO CHARGE FOR CONNECTION

113946



NO CHARGE FOR CONNECTION

113947

