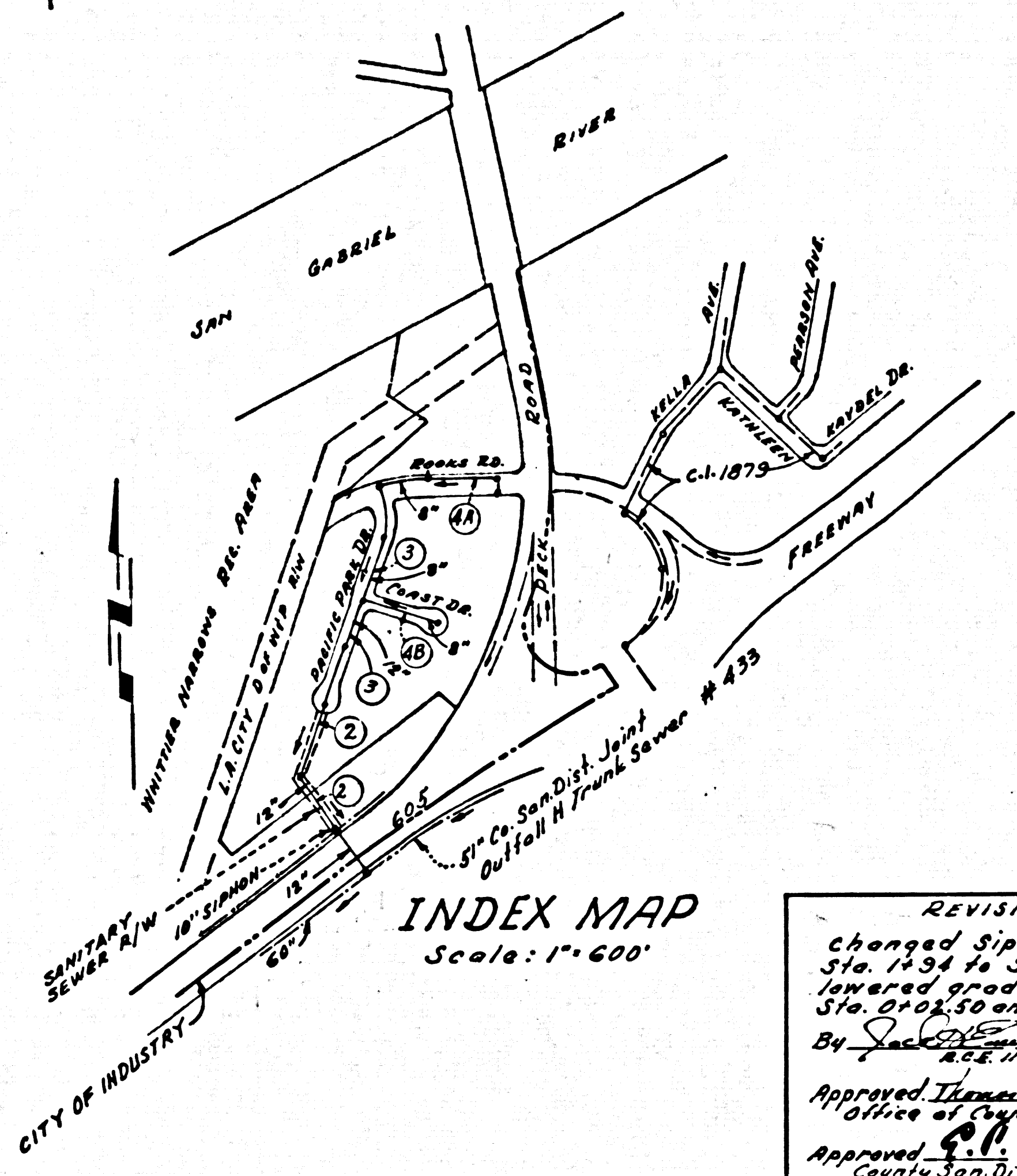


B.M. 6268 ELEV. 243.261
 C.S. Man. in wall 3' Dia. S.E. Cor.
 Pacific Park Dr., Pasadena Ave.
 49° 51' 10" E & 34' N. MARK 3M 1/4-1
 Whittier QUAD. 1970



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

LEGEND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STEPS	5-11
BEDDING FOR SEWER PIPE	5-21
CRADLING AND ENCASMENT	5-25
WYE OR TEE SUPPORT	5-25
ALLOWABLE TRENCH WIDTHS	5-25
LOCKING MANHOLE FRAME AND COVER	5-25
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-26
STANDARD SYPHON MANHOLE	5-8

NOTE
 THE PRIVATE ENGINEER SHALL PROVIDE A SURVEY AND LEGAL DESCRIPTION AND PLOT PLAN DELINEATING THE EXACT LANDS AS SHOWN ON PAGE 2. THESE ITEMS SHALL BE SUBMITTED TO THE REAL ESTATE DIVISION, US ARMY ENGINEER DISTRICT, LOS ANGELES, DEPT. OF ENGINEERS, P.O. BOX 2711, LOS ANGELES, CA 90033 AND APPROVED BY THEM PRIOR TO ACCEPTANCE BY THE COUNTY OF LOS ANGELES.

The contractor shall obtain approval for method of construction of outfall sewer at Sta. 2112. Work shall be done under said 63' Outfall Sewer except in the presence of a County San. Dist. representative. Contact Mr. Robert Powell at 774-2176 for review of method of construction and to arrange for inspection.

County Sanitation District shall be notified prior to the following so that required inspection can be made (Phone 337-1023 or 638-1161):
 Breaking into existing manhole on District trunk sewer.
 Acceptance of the project.

Be certain that the strength of industrial wastes shall be made to sever shown on these drawings without written permission from the Chief Engineer and Special Engineer of the County Sanitation District.

REVISION
 Changed Siphon MH from Sta. 1134 to Sta. 2100 and lowered grade between Sta. 2100.50 and Sta. 2100.
 Approved: *[Signature]* 11/14/72
 Approved: *[Signature]* 11/14/72
 County San. Dist. 11/14/72

LA PUENTE BLDG. DIST. NO. 20

- NOTES
- PROFILES SHOWN 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 12" 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 SLOPE AT THE PROPERTY LINE BELOW THE POINT 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 9-07, EXT. 8158, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S-2 PRECAST CONCRETE MANHOLES PER S-66 EXCEPT AS NOTED OTHERWISE.
 - USE STANDARD MANHOLE FRAMES AND COVERS, S-66 FIFTEEN AS NOTED.
 - MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 - VERIFIED CLAY PIPE JOINTS SHALL BE TYPE "D", "P", OR "P" PER STANDARD SPECIFICATIONS SECTION 200-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-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 S-25, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - MAINTAIN 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 200-2.6.7 OF STANDARD SPECIFICATIONS, REGARDING SAFETY GORDS.
 - REFER TO SECTION 210-4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY GORDS.
 - ALL SPECIAL PROVISIONS WITH SECTION 200-1.1.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR SPECIAL IN SURETY CERTIFICATION OF CONTRACTORS. CONTRACTORS SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF CONTRACTS. CONTRACTORS SHALL BE PROVIDED WITH ALL JOINTS BETWEEN CAST-IRON PIPE AND VERIFIED CLAY PIPE SHALL BE MADE WITH RUBBER GASKET JOINT, TYPE "C" OR "D" (WITH GASKETS AS NECESSARY) PER STANDARD SPECIFICATIONS SECTION 200-2.
 - Contractor shall notify Chief of Maintenance, Corps of Engineers, 5 days prior to start of completion of construction of the line in the U.S. Government lands. Phone Number 213-283-2757

COLLECT CHARGES AS INDICATED

NOTICE TO CONTRACTOR
 The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of my knowledge there are no existing utilities except as shown on these plans. The contractor is required to take due precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.
[Signature] 11/14/72

PROFILE ALIGNMENT AND GRADE OF
 SANITARY SEWERS PAGE 1

TO BE CONSTRUCTED IN
 TRACT No. 29823

PRIVATE CONTRACT NO. 8790

W.S. 57-B-3
 2 SHEETS, 4 PAGES
 DATE: JUNE 1, 1972

PREPARED BY THE OFFICES OF
 J.H. EDWARDS CO.
 321-6767 327-0543
 REG. C. E. NO. 11382

43608

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.
 WORK SHALL BE CONSTRUCTED ACCORDING TO STANDARD SPECIFICATIONS, SECTION 200-2.6.7, WORKING DRAWINGS, (1972 EDITION) AND THE DATA HEREON. BEFORE WORK IS STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 1 AND PAY TO THE COUNTY ENGINEER, ROOM 408, PUBLIC ADMINISTRATION BLDG., 600 INTERNATIONAL BLVD., 8th FLOOR, LOS ANGELES, CALIF. REGIONAL OFFICE, SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD 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 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 BRINK, STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRADY, COUNTY ENGINEER

APPROVED BY: *[Signature]* CHIEF ENGINEER
 SUBMITTED BY: *[Signature]* REGIONAL ENGINEER
 CHECKED BY: *[Signature]* REG. C. E. NO. 19156
 25 AUG 72

J.N. 0250.00

