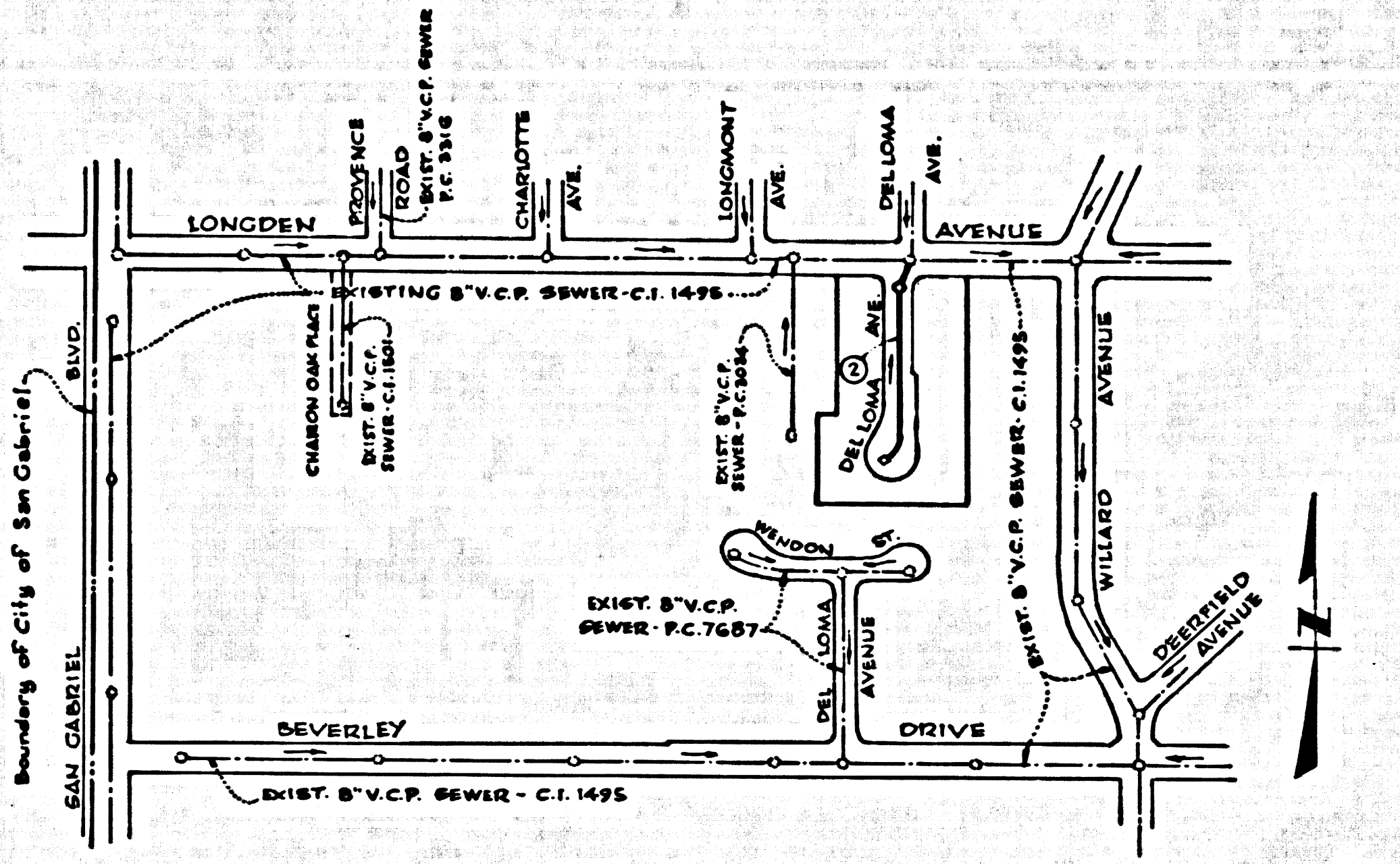


B.M. 86724 ELEV. 467.789
 I.S. B.M. IN S. CURB 1' E. OF B.C.R. AT
 S.E. COR. OF LONGDEN AVE. & WILLARD AVE.
 ARCADIA QUAD. 1970.



INDEX MAP
 TRACT NO. 28232
 P.C. 8562
 SCALE: 1" = 300'

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 - NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 - GRADE TO WHICH IMPROVEMENTS ARE TO BE CONSTRUCTED ARE SHOWN ON PLANS AND HOUSE GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS AS SHOWN BY CIRCLES ON PROFILES, AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
 - THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "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.
 - 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. 2, AND PAY A FEE TO THE COUNTY ENGINEER, BUREAU OF MUNICIPAL HIGHWAY DEPARTMENT, CALIFORNIA OR SAN GABRIEL VALLEY REGIONAL OFFICE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 - IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 138 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
 - APPROVAL OF THIS PLAN BY THE COLONY 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.
 - REFER TO SECTION 7-16.1.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY SIGNS.
- County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1025 or 838-1181).
 No connections for the disposal of industrial wastes shall be made to sewers or storm or trash drainages without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1978 EDITION AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 7, 1970 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, IN AMBISON 8-8747, EXT. 81381, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- WYE OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE BUILT BRICK MANHOLES PER S-31 OR PRECAST CONCRETE MANHOLES PER S-31, EXCEPT AS NOTED.
- PROVIDE GRADES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- WYTHING CLAY PIPE JOINTS SHALL BE TYPE "B", "C", OR "D" PER STANDARD SPECIFICATIONS SECTION 306-3.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, CASE 2, 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-23, CASE 2 UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VYTHING CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH GASKETING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 306-3.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 204.2.2.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- HOUSES IN CIRCLES 45' AWAY OR HOUSE LATERALS INDICATED "Y" SHALL BE LAID HORIZONTAL AND HOUSE LATERALS SHALL BE CONSTRUCTED WITH 1/4" RISE PER FOOT TO PROPERTY LINE.
- FIGURES IN CIRCLES AT ENDS OF HOUSE LATERALS INDICATE HOUSE LATERALS SHALL BE CONSTRUCTED WITH 1/4" RISE PER FOOT TO PROPERTY LINE.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN

TRACT NO. 28232
PRIVATE CONTRACT NO. 8562

W.S. 44 B-4
 1 SHEET OF 2 PAGES
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40' FEBRUARY, 1971
 PREPARED IN THE OFFICES OF
HOPEN, HEDLUND & DARBY, INC.
 BY: *Scott K. Hedlund*
 REG. C. E. No. 14075

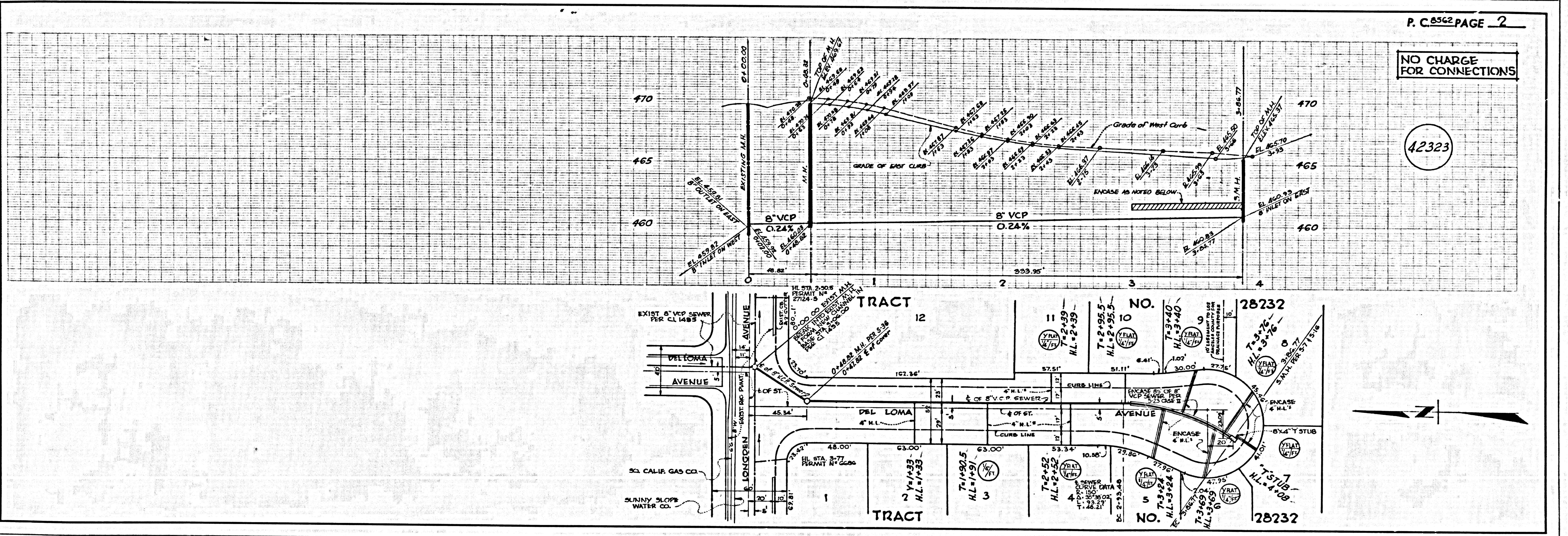
42322

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

SECOND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STEP	5-4
BRICKING FOR SEWER PIPE	5-5
CHASING AND ENCASING	5-6
WYE OR THE SUPPORT	5-7
ALLOWABLE TRENCH WIDTHS	5-8
LOADING MANHOLE FRAME AND COVER	5-9
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-10

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBE, COUNTY ENGINEER JOHN D. PARKHURST, CHIEF ENGINEER
 CO. SAN. DIST. NO. 18
 APPROVED *John W. King* 2-22-71 APPROVED *J. Parkhurst*
 REGIONAL ENGINEER (DATE) OFFICE ENGINEER
 CHECKED *John W. King* 2-23-71
 REG. C.E. NO. 1852

TEMPLE CITY BLDG. DIST. 5 I.N. 0250.02



P. C. 8562 PAGE 2

NO CHARGE FOR CONNECTIONS

42323