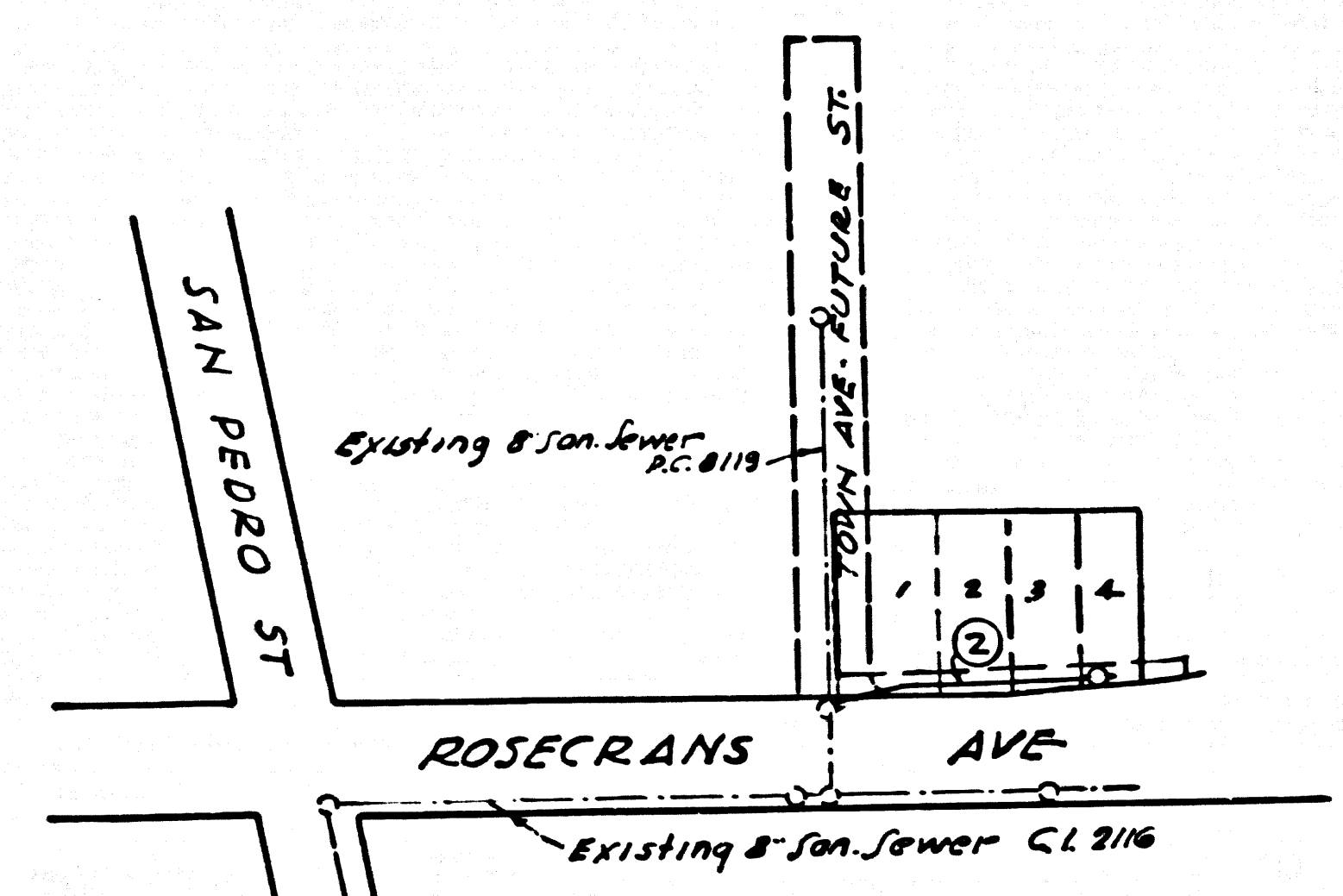


B.M. 21-4A ELEV. 116.47 F.B. 1291-9A
 Rosecrans Avenue & Avalon Blvd. 186.5'
 N.B. & intersection 41.5' west of Avalon Blvd.
 11' well with C.I. cover marked c.e. mon. marked
 B.M. 21-4A-1980 - 10" below top of curb
 QUAD. 1965.



INDEX MAP
 Scale 1" = 200'
 PC 8452 P.M. 1451

County Sanitation Districts shall be notified prior to the following so that required inspections can be made (Phone 837-1028 or 436-5097).
 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.

COLLECT CHARGES AS INDICATED

LENNOX BLDG. DIST. NO. 7

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS P.C. 8452
 TO BE CONSTRUCTED IN PAGE 1

ROSECRANS AVENUE
 PARCEL MAP N° 1451

PRIVATE CONTRACT NO. 8452

W.S. 26

1 SHEET 2 PAGES

SCALE: VERT. 1" = 4' February, 1970

PREPARED IN THE OFFICES OF
 Gilbert Engineering Co.

By: *Henry G. ...*
 REG. C. E. NO. 1737

42012

- NOTES:
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - 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" OR "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. 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.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-3 OR PRECAST CONCRETE MANHOLES PER 5-8 OR 5-4, EXCEPT AS NOTED.
 - "T" OR "T" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 - MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE 24 INCHES ABOVE FINISHED GRADE.
 - USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
 - VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "T", OR "O" PER STANDARD SPECIFICATIONS SECTION 206-2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-23, 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, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - 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 206-2.2.7 OF THE STANDARD SPECIFICATIONS.
 - REFER TO SECTION 7-10.6.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", FIFTH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 206-2.

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

SECTION	MINIMUM PUBLIC SAFETY REQUIREMENTS	5-1
	BRICK MANHOLE	5-3
	NON-REINFORCED PRECAST CONCRETE MANHOLE	5-8
	REINFORCED PRECAST CONCRETE MANHOLE	5-4
	MANHOLE FRAME AND COVER	5-18
	STANDARD MANHOLE STEP	5-21
	STAKING FOR SEWER PIPE	5-21
	CRADLING AND ENCASEMENT	5-23
	WYE OR TEE SUPPORT	5-26
	ALLOWABLE TRENCH WIDTHS	5-28

GRADES TO WHICH THE IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR 10' OF CURBS, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PLANS. 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.

WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED JAN. 2, 1968 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. ... AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 338, COUNTY ENGINEERING BUILDING, 118 WEST SECOND STREET, LOS ANGELES, CALIFORNIA 90012. PERMIT TO EXCAVATE IS SUBJECT 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. THE NOTE APPLIES TO ALL PAGES.

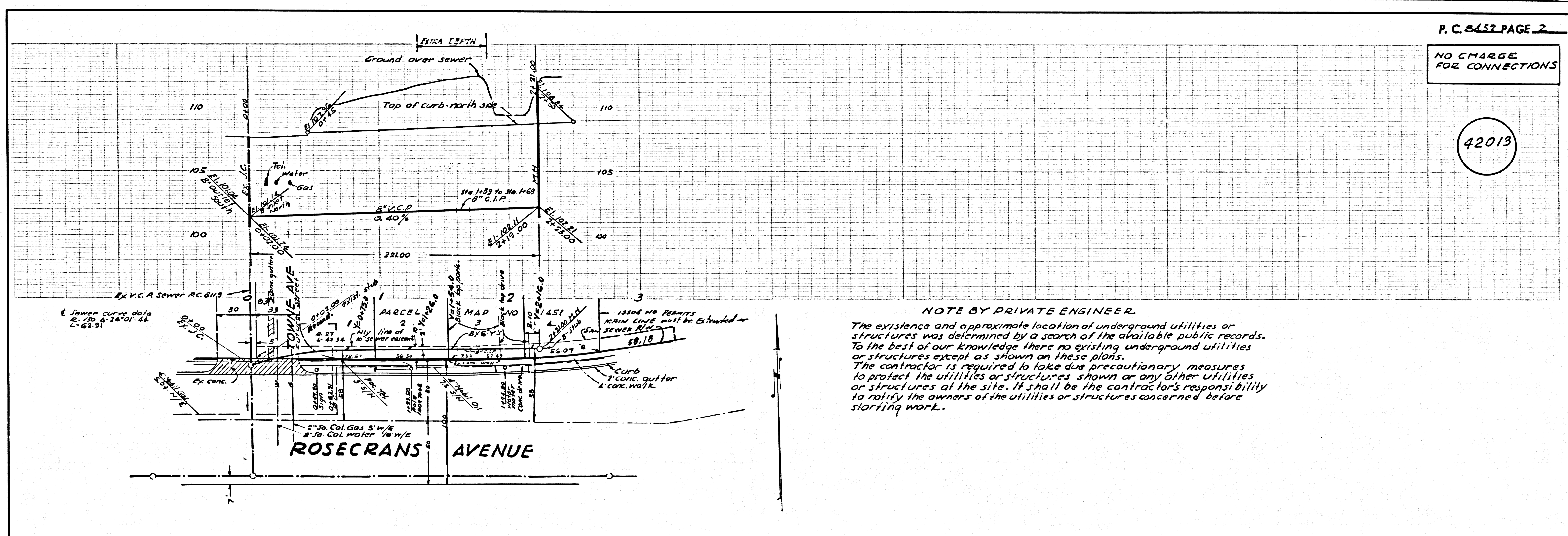
IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 138 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 JOHN A. LAMBIE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER

APPROVED BY: *Robert ...* 4-10-70 APPROVED BY: *...*
 REG. C.E. NO. 10653

CHECKED BY: *Bernard ...* 4/10/70
 REG. C.E. NO. 10653

REVISION: DATE 7/24/70
 MOVED SEWER FROM 55' 1/2" E OF ROSECRANS AVE TO 58' 1/2" E.
 APPROVED: *Bernard ...*



P. C. 8452 PAGE 2

NO CHARGE FOR CONNECTIONS

42013

NOTE BY PRIVATE ENGINEER
 The existence and approximate location of underground utilities or structures was determined by a search of the available public records. To the best of our knowledge there are no existing underground utilities or structures except as shown on these plans. The contractor is required to take due precautionary measures to protect the utilities or structures shown or any other utilities or structures at the site. It shall be the contractor's responsibility to notify the owners of the utilities or structures concerned before starting work.