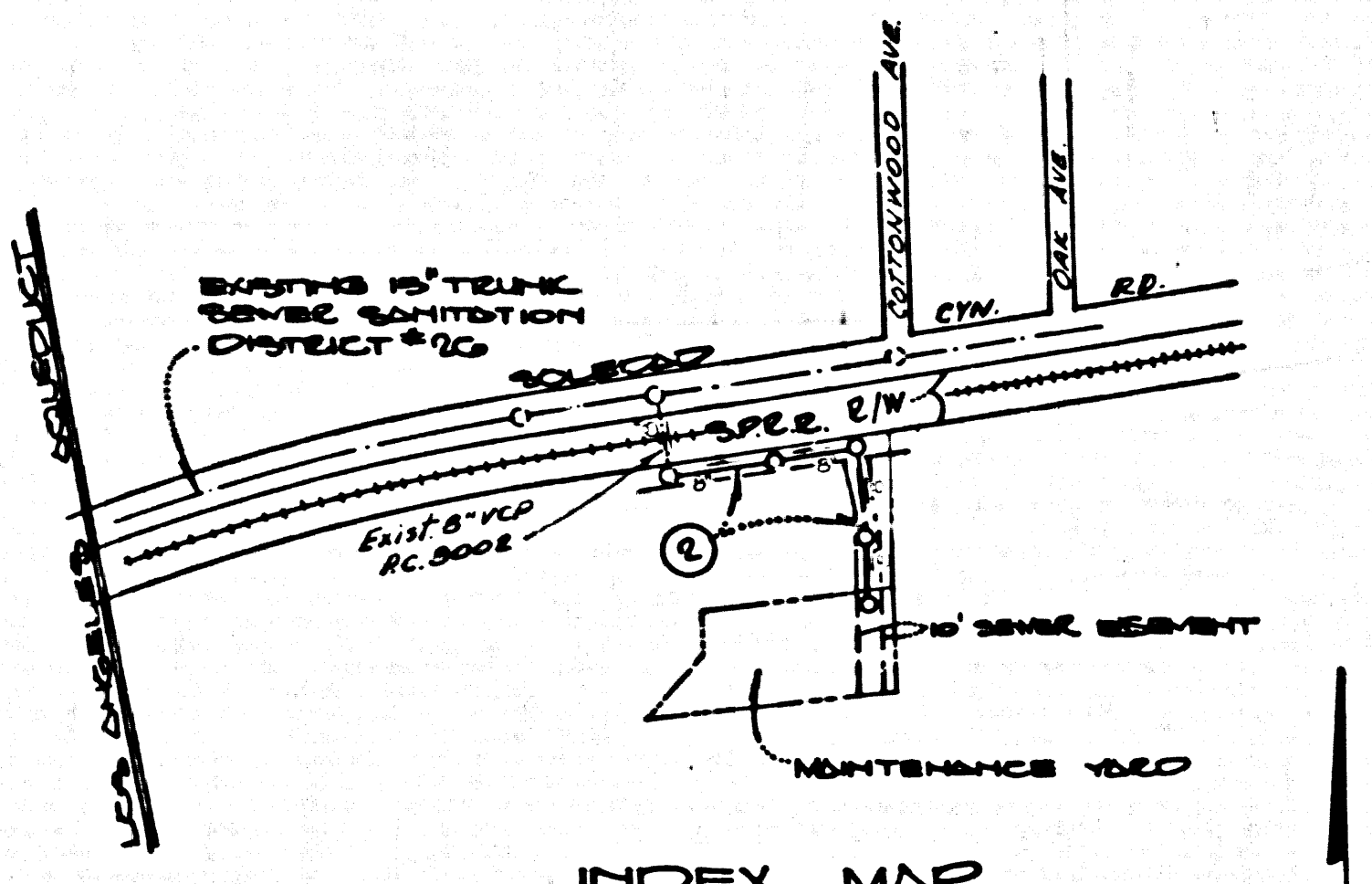


B.M. 51.000 ELEV. 119.000
 1/2" = 10' HORIZ. SCALE
 1" = 10' VERT. SCALE
 L.V. 100' W. OF E. END OF 8' V.C.P. CONC. SEWER
 1/2" = 10' HORIZ. SCALE
 1" = 10' VERT. SCALE
 BOUNDARY OF QUAD 1958

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:
 THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY OR STRUCTURE SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP.
 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 THIS DRAWING.

Joseph C. Reichberger 3-6-70
 JOSEPH C. REICHBERGER R.C.E. 8034



INDEX MAP
 P.C. NO. 8400

NOTE: MINOR IN CIRCLES INDICATE FROM NAVIGAS.

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1025 - 838-1181)
 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.

SCALE: 1" = 100'

DOUBLE SCALE
 NEWHALL BLDG. DIST. NO. 82

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS P.C. 8400
 PAGE 1

CONSTRUCTED IN
 R/W FOR L.A. COUNTY
 FLOOD CONTROL DISTRICT
 MAINTENANCE YARD
 PRIVATE CONTRACT NO. 8468

INDEX 206 B 133
 W.S. 62-8-2

1 SHEETS; 2 PAGES
 SCALE: VERT. 1" = 10'
 HORIZ. 1" = 100' MAY, 1972

PREPARED IN THE OFFICES OF
 DANIEL, MANN, JOHNSON & MENDENHALL

Joseph C. Reichberger 5-6-70
 REG. C. E. NO. 10034

44155

- NOTE:
- HOUSE LATERALS TO BE CONSTRUCTED WITH 4" DIA. 15' MIN. CONC. 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 "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THESE 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 SHALL BE CONSTRUCTED WITH 4" DIA. 15' MIN. CONC. CURB GRADE EXCEPT AS NOTED. MAIN LINE SEWERS - ANY CHANGE IN ALIGNMENT SHALL BE INDICATED BY A DASHED OR DOTTED LINE.
 - 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 BYPASSING SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 6-672, EXT. 8138, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-30.
 - "T" OR "Y" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 - MANHOLE TOPS IN UNIMPROVED AREAS TO BE 18" INCHES ABOVE FINISHED GRADE, EXCEPT AS SHOWN.
 - USE EXTRA STRENGTH PIPE ALL PIPE IS STANDARD STRENGTH EXCEPT AS NOTED.
 - VERTICAL CLAY PIPE JOINTS SHALL BE TYPE "S", "T", OR "Y" PER STANDARD SPECIFICATION SECTION 308.2.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, TWO FEET ON EACH SIDE FROM THE 1/2" W.T. 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 OF HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 - RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OF CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308.2.3.7 OF THE STANDARD SPECIFICATIONS.
 - REFER TO SECTION 318.4.1 OF THE STANDARD SPECIFICATIONS, ENCASEMENT SANITY DRENCH.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "T", WITH RUBBERING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 308.2.

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

SECTION	SECTION	SECTION
MINIMUM PUBLIC SANITY REQUIREMENTS	BRICK MANHOLE	BRICK MANHOLE
NON-REINFORCED PRECAST CONCRETE MANHOLE	NON-REINFORCED PRECAST CONCRETE MANHOLE	NON-REINFORCED PRECAST CONCRETE MANHOLE
MANHOLE FRAME AND COVER	MANHOLE FRAME AND COVER	MANHOLE FRAME AND COVER
STANDARD MANHOLE STEP	STANDARD MANHOLE STEP	STANDARD MANHOLE STEP
SEWERING FOR SEWER PIPE	SEWERING FOR SEWER PIPE	SEWERING FOR SEWER PIPE
CLASING AND ENCASEMENT	CLASING AND ENCASEMENT	CLASING AND ENCASEMENT
WYE OR TEE SUPPORT	WYE OR TEE SUPPORT	WYE OR TEE SUPPORT
ALLOWABLE TRENCH WIDTHS	ALLOWABLE TRENCH WIDTHS	ALLOWABLE TRENCH WIDTHS

- THE CONTRACTOR MAY AT HIS OPTION, "SHORT TUNNEL" ANY EXISTING SURFACE IMPROVEMENT.
- SPECIAL BACKFILL IN DESIGNATED AREAS:
 - Backfill trench and replace earth removed 30" to achieve the natural or finished grades and slopes shown on the sewer plan.
 - All backfill and earth replaced shall be compacted to a minimum of 90% of maximum density per the Standard Method of Test D 1557-57T or modified acceptable certifications of such compaction shall be submitted to the Construction Division.

COLLECT CHARGES AS INDICATED

NOTE:
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILE. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE 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 (1970 EDITION) WITH THE APPROPRIATE COUNTY SPECIFIC PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS.
 CHECKED APPROVALS 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 SEWERS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 1, 5000 W. 10TH ST., LOS ANGELES, CALIFORNIA, ROOM 3000. THE CONTRACTOR SHALL PAY 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 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 HIGHWAYS, 128 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BZANOT, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER
 CO. SAN. DIST. NO. 82
 APPROVED BY *Joseph C. Reichberger* 5/6/72 APPROVED BY *J. D. Parkhurst*
 COUNTY ENGINEER DISTRICT OFFICE ENGINEER
 CHECKED BY *Joseph C. Reichberger* 5-11-72
 DATE
 REG. C. E. NO. 14390

J.N. 0370.40

