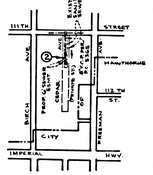
B.M. BY B&G ELEV. 68.642
CUT SPK. IN CONC. PVMT.
14'± N. ℄ IMPERIAL HWY.
50'± W. ℄ CEDAR AVE.
HAWTHORNE QUAD. 1965



INDEX MAP
P.C. 8471
SCALE: 1"=600'

County Sanitation Districts shall be notified prior to the following on that require inspection can be made (Phone 869-2688 or 604-3097)

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.

LENNOX BLDG. DIST. NO. 7

NOTES:

1. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PERPENDICULAR 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 HOUSE LATERALS AND "Y"OR"T" BRANCHES AND SHALL PROVIDE STAKES FOR THESE 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 CHANNELS 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.
4. 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.
5. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
6. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-0741, EXT. 51555, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
7. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-5 OR S-6, EXCEPT AS NOTED.
8. "Y" OR "T" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS. EXCEPT AS NOTED.
9. MANHOLE TOPS BE UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
10. USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
11. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D"Y"OR"S" PER STD. SPEC. 2082.
12. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-22, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
13. 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, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
14. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
15. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
16. SEWERS TO BE TESTED FOR LEAKAGE PER SEC. 306-2.3.7, STD. SPEC.
17. REFER TO SEC. 7-1.0, & 1.9 OF THE STD. SPECS. REGARDING SAFETY ORDER.

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

LEGEND	S-1
MIN. EXCAVATION SAFETY REQUIREMENTS	S-2
BRICK MANHOLES	S-3
NON-REINFORCED PRECAST CONC. MANHOLE	S-5
REINFORCED CONC. MANHOLE	S-6
MANHOLE FRAME & COVER	S-25
MANHOLE STEP	S-27
BEDDING FOR SEWER PIPE	S-31
CRADLING AND ENCASEMENT	S-33
WYE AND TEE SUPPORT	S-36
ALLOWABLE TRENCH WIDTH	S-53

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 utility pipes or structures on these plans. The contractor is required to take such precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.

James H. Mitsch
R.C.E. 18533

PROFILE, ALIGNMENT AND GRADE OF

P.C.8471
PAGE 1

SANITARY SEWERS

TO BE CONSTRUCTED IN

R/W SOUTH OF 111TH. STREET

PRIVATE CONTRACT NO. 8471

W.S. 24

1 SHEET 2 PAGES

SCALE: VERT. 1"=5' HORIZ. 1"=40'

MARCH, 1970

PREPARED IN THE OFFICES OF
CENTINELA VALLEY ENGINEERING CO.
241 SOUTH LA BREA
INGLEWOOD, CALIF.
671-9411

By: James H. Mitsch
REG. C.E. NO. 18533

FOR LEGEND SEE PLAN NO. S-1

NOTE: (FOR PUBLIC WORKS CONSTRUCTION (1970 EDITION) & CO. ENG. SPEC. AND PLAN FOR THE CONSTR. OF JAIL SEWERS DATED APRIL 7, 1970)

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 THE ARC LENGTH OF CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE BEING 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 _____ ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
WHEN WORK IN THE STREET IS CONTEMPLATED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NEAREST THE WORK. PHONE FOR A PERMIT TO THE COUNTY ENGINEER, ROOM 320, COUNTY ENGINEERING BUILDING, 108 WEST SECOND STREET OR PALOS VERDES, CENTINELA VALLEY 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 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, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

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

APPROVED BY, [signature] 5-12-70 REGIONAL ENGINEER — APPROVED BY, [signature] OFFICE ENGINEER

CO. SAN. DIST. NO. 3

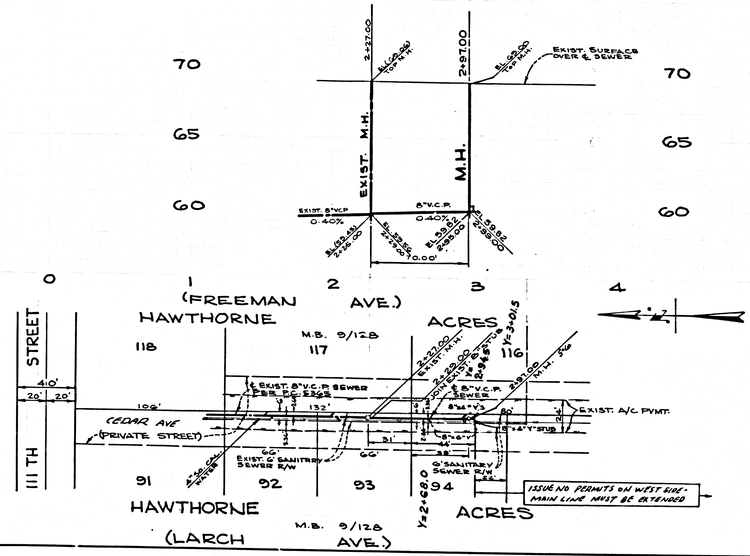
CHECKED BY, [signature] 5/12/70
REG. C.E. NO. 18533

41816

P. C.8471 PAGE 2

NO CHARGE FOR CONNECTIONS

41817



L.A. COUNTY SEWER SHEET NO. 1