B.M. BY-5801 ELEV. 46.581

L.A.C. MON. IN WELL 8 INCHES DOWN @ INT. OF NORMANDIE AVE. & 228TH ST.

GARDENA QUAD. 1925

LOMITA BLDG. DIST. NO. 12

PROFILE, ALIGNMENT AND GRADE OF

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT № 28173

PRIVATE CONTRACT NO. 8130

P.C. 8130 PAGE 1

W.S. 28

2 SHEETS, 5 PAGES

SCALE: VERT. 1"=5' HORIZ. 1"=40' AUGUST, 1968

PREPARED IN THE OFFICES OF

LANCO

LAND CONSULTANTS AND CIVIL ENGINEERS

By James W. Nachazel

REG. C/E NO. 15825

(41303)

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 THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND COUNTY ENGINEER SPECIAL PROVISIONS DATED JAN. 2, 1968 (AS REVISED) AND SHALL BE PROSECUTED DAILY IN THE PRESENCE OF THE COUNTY ENGINEER. IF WORK IS NOT PROSECUTED AS STATED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OF ORIGIN, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 339, COUNTY ENGINEERING BUILDING, 108 WEST SECOND STREET OR CALL (213) 628-1301 (METROPOLITAN VALLEY) ..... REGIONAL OFFICE, SUPPORTIVE 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 OR ON 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 ON 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

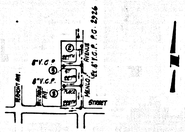
APPROVED BY Robert H. Wilder, REGIONAL ENGINEER — CO. SAN. DIST. NO. 3 — APPROVED BY J. D. Parkhurst, OFFICE ENGINEER

CHECKED BY Bernard L. Valach 6/10/69 REG. C.E. NO. 10458

J.N. 0250.02

16. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C OR D" (WITH BUSHING IF NECESSARY) PER SECTION 208-2 OF STANDARD SPECIFICATIONS.

NOTE: WHERE STATIONS ARE SHOWN AT THE ENDS OF HOUSE LATERALS, THE LOCATION OF SUCH HOUSE LATERALS SHALL NOT BE MOVED FROM THE STATION INDICATED.



NOTES:

1. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED 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 POSITION 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 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.
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 9-4141, EXT. 81551, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
7. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-5 OR PRECAST CONCRETE MANHOLES PER S-5 OR S-6, EXCEPT AS NOTED.
8. USE STANDARD MANHOLE FRAMES AND COVERS, S-15, EXCEPT AS NOTED.
9. MANHOLE TOPS IN 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 "S", "D" OR "O" PER STD. SPECS. SEC. 208-2.
12. 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 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 SECTION 306-2.5.7 UNIFORMED STANDARD SPECIFICATIONS.
17. REFER TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.

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

Legend	S-1
Min. Public Safety Requirements	S-2
Brick Manhole	S-3
Non Reinforced Precast Concrete Manhole	S-5
Reinforced Precast Concrete Manhole	S-6
Manhole Frame and Cover	S-15
Manhole Step	S-17
Bedding for Sewer Pipe	S-21
Cradling and Encasement	S-23
Wye or Tee Support	S-26
Allowable Trench Widths	S-33
RECONSTRUCTION OF BRICK MANHOLE TOPS	S-12

NOTE: LOT 1 IS SERVED BY AN EXISTING H.L. IN 228TH ST. - SEE P.C. 2750

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 789-3088 - or 636-3092)

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.

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.

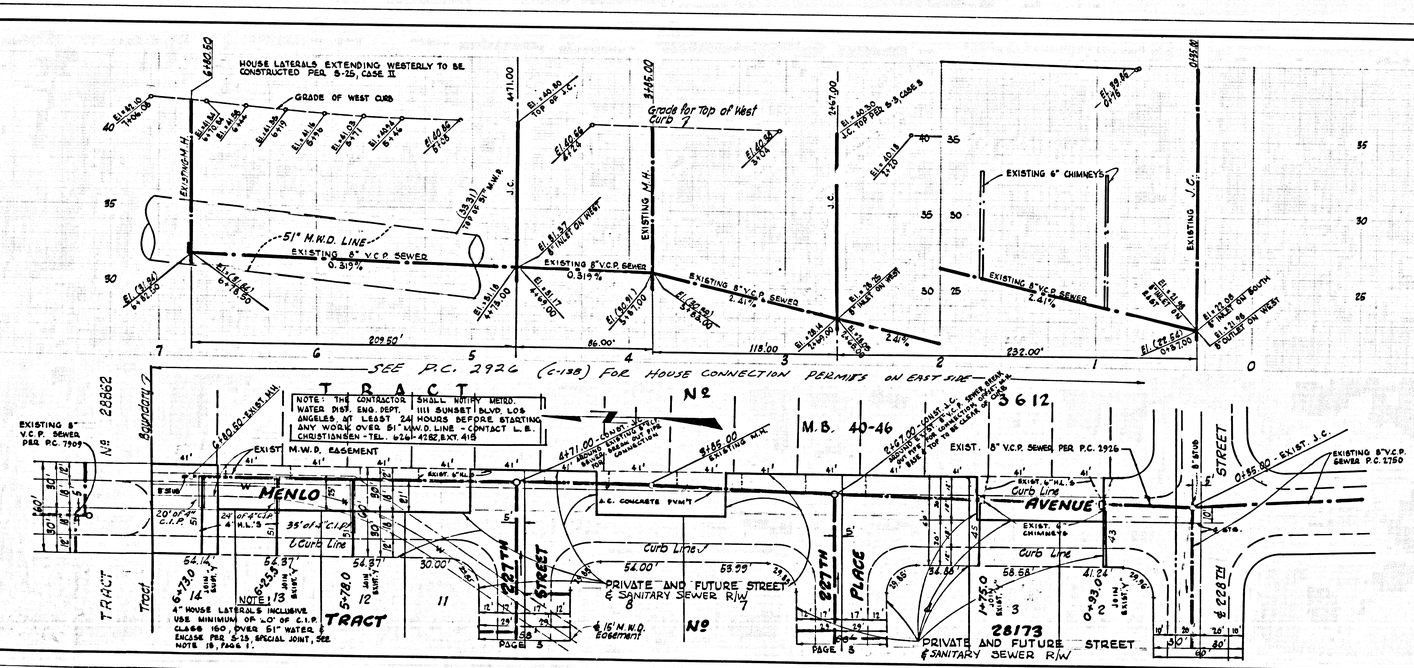
James W. Nachazel
JAMES W. NACHAZEL R.C.E. 15825

COLLECT CHARGES AS INDICATED

P.C. 8130 PAGE 2

NO CHARGE FOR CONNECTIONS

(41304)



L.A. COUNTY SEWER SHEET NO. 1

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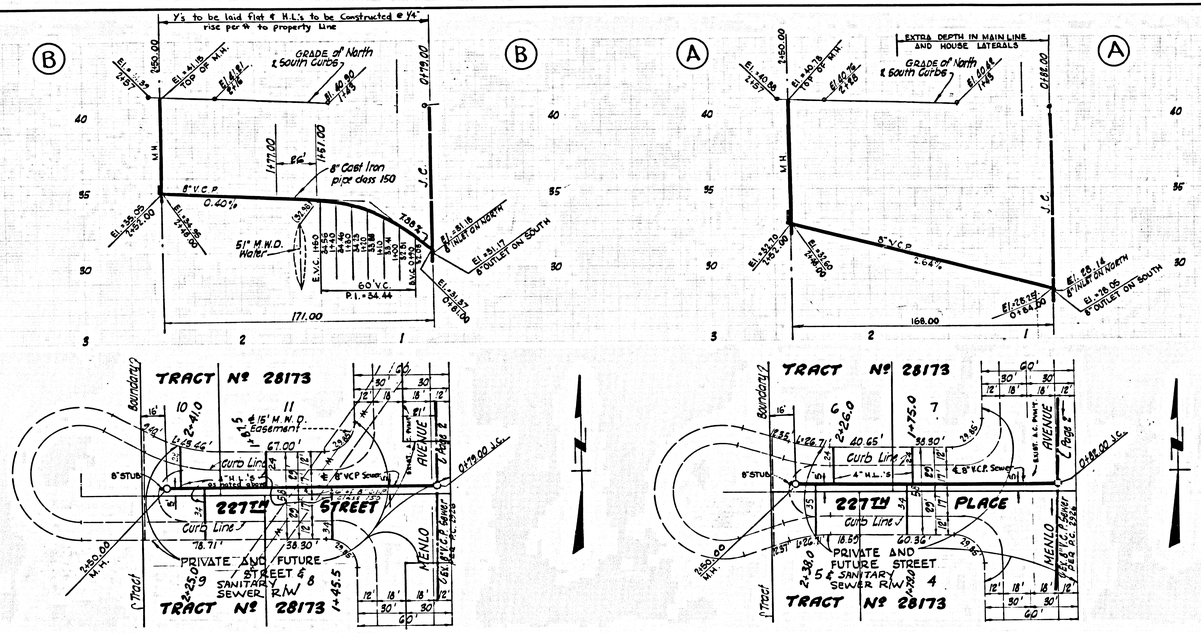
NO CHARGE FOR CONNECTIONS

41305



PAGE

L.A. COUNTY SEWER SHEET NO. 2

B-1161