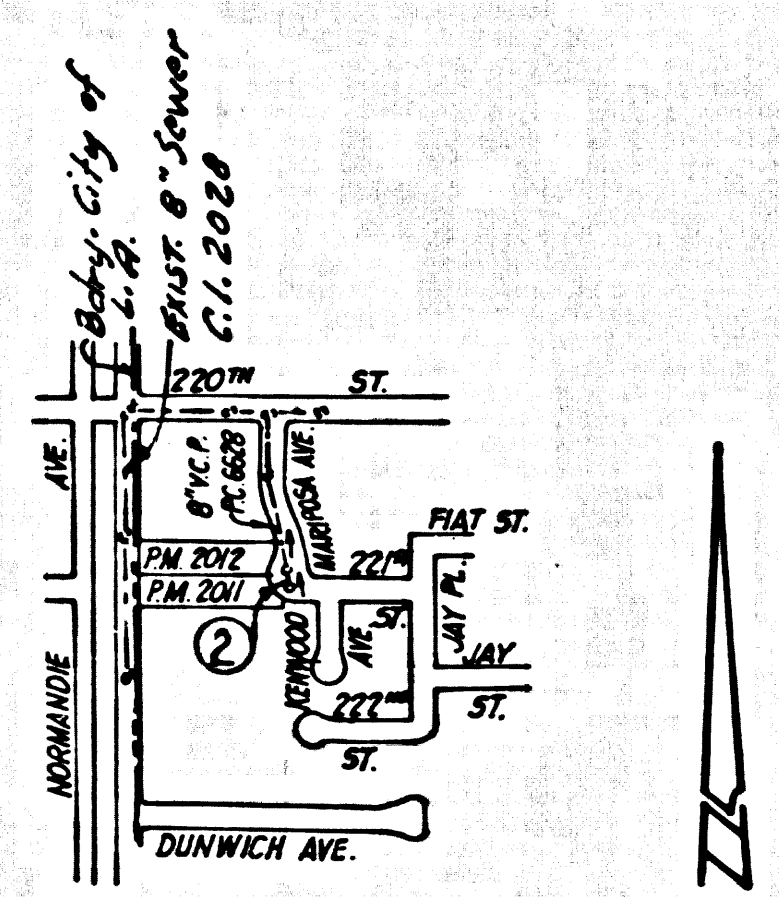


B.M. BY 3050 ELEV 44.056
 L.A.C.E. MON. @ 11/11/71
 STREET PROD. E. FRONT HOUSE # 22042
 NORMANDIE AVE.
 GARDENA QUAD. 1965



INDEX MAP
 P.C. 8644
 SCALE 1"=600'

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1025 - 638-1161)

Acceptance of this 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.

LEGEND	
MIN PUBLIC SAFETY REQUIREMENTS	5-1
BRICK MANHOLE	5-3
MANHOLE STEP	5-17
BEDDING FOR SEWER PIPE	5-21
CRADLING AND ENCASEMENT	5-23
WYE AND TEE SUPPORT	5-25
ALLOWABLE TRENCH WIDTH	5-33
LOCKING MANHOLE FRAME AND COVER	5-35
NON REINFORCED PRECAST CONCRETE MANHOLE	5-36

Lots 14 & served by Exist. Sewer (C.R. 2026) in Normandie Ave

LOMITA BLDG. DIST. NO. 12

- 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 PORTION OF THE WORK.
 3. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND TRENCHES 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 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 9-474, EXT. 81591, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 7. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-3 OR PRECAST CONCRETE MANHOLES PER 5-36 EXCEPT AS NOTED.
 8. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS 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 'D', 'F' OR 'G' PER STANDARD SPEC. SEC. 208-2.
 12. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-33, 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 5-33, CASE II, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 14. HOUSE LATERALS TO BE CONSTRUCTED WITH SHARPEY AT PROPERTY LINE 6 FEET BELOW CURB GRADE.
 15. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 16. SEWER TO BE TESTED FOR LEAKAGE PER SEC. 306-2.3.7, STD. SPEC. AND SPECIAL PROVISIONS.
 17. REFER TO SEC. 7-10-6-1 OF THE STD. SPECS. REGARDING SAFETY ORDERS.
 18. ALL JOINTS BETWEEN CAST IRON AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE 'C' OR 'D' (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 208-2.
 19. FULL COMPLIANCE WITH SECTION 306-1.9.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

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.

[Signature]
 R.C.E. 7/30/71

COLLECT CHARGES AS INDICATED

PROFILE ALIGNMENT AND GRADE OF **P.C. 8644**
SANITARY SEWERS PAGE 1

TO BE CONSTRUCTED IN
PARCEL MAP No 2011

PRIVATE CONTRACT NO. 8644

W.S. 28
 SHEET 1 OF 2 PAGES
 SCALE: HORIZ. 1"=40' VERT. 1"=4' AUGUST, 1971

PREPARED IN THE OFFICES OF
J.H. EDWARDS CO.
 1811 CRENSHAW PLACE, TORRANCE, CALIF. 90504 PH: 327-0543
[Signature]
 REG. C.E. NO. 11302

FOR LEGEND SEE PLAN NO. 83
 FOR PUBLIC WORKS CONSTRUCTION AND COUNTY ENGINEERS SPECIAL PROVISIONS 1971 EDITION FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 7, 1970.
 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. 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 STANDARD SPECIFICATIONS 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. 8 AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 38, SANITARY ADMIN. OFFICE, 500 E. IMPERIAL AVENUE, DOWNEY, OR RUDOLPH VEDER, CENTINELA MILLEX, 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 ON A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 126 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER
 CO. SAN. DIST. NO. 8
 APPROVED BY: *[Signature]* APPROVED BY: *[Signature]*
 REGIONAL ENGINEER OFFICE ENGINEER

CHECKED BY: *[Signature]* 11/7/71
 REG. C.E. NO. 15263
 43400
 J.N. 0850.05

P.C. 8644 PAGE 2

NO CHARGE FOR CONNECTIONS

