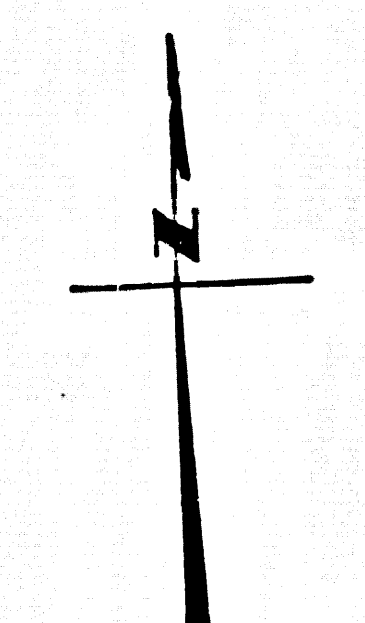
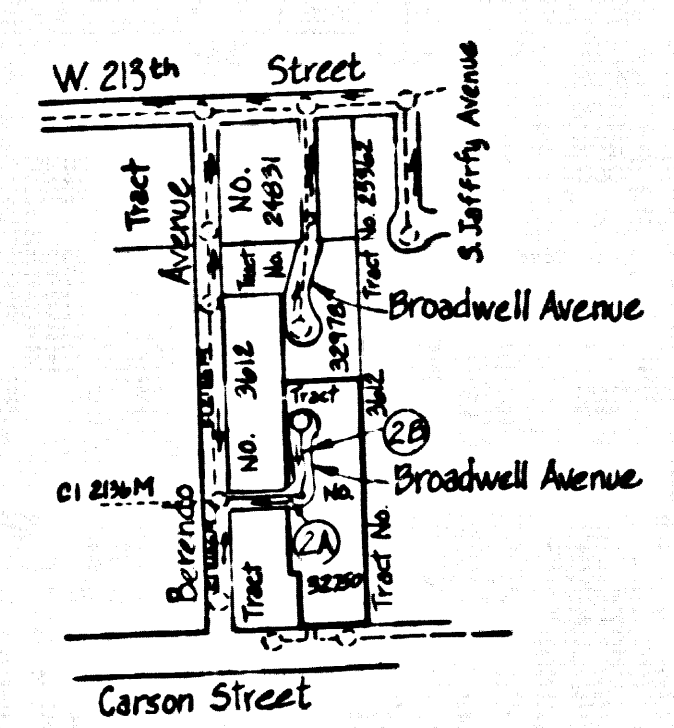


B.M. 0Y-507 ELEV. 46.187  
 L & N N. end curb ret. N.W. Cor. Normandie  
 Ave. & Carson St. 40' N. & 30' W. of Int.  
 Cordona QUAD. 1970



SCALE: 1"=60'  
 INDEX MAP  
 P.C. NO. 4716  
 TRACT NO. 92790



Notes:  
 Numbers in circles indicate page numbers.

NO CONNECTION FOR THE DESIGN OF THIS PIPE MUST BE MADE WITH THE COUNTY ENGINEER'S SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED FEBRUARY 1970 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.

**GENERAL NOTES:**

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF SEWER, 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.
- THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRAD SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "Y" BRANCHES AND SHALL PROVIDE STRIKES 8" FROM 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.
- 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. 4, AND PAY A FEE TO THE COUNTY ENGINEER, 750 SOUTH VERMONT, LOS ANGELES, ROOM 405, TO COVER THE COST OF COLLECTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 130 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- 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.
- PRIOR TO THE ISSUANCE OF THE REQUIRED GENERAL CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS' COMPENSATION INSURANCE WITH THE DEPARTMENT OF COUNTY ENGINEER, 960 SOUTH VERMONT, ROOM 406, LOS ANGELES, CALIFORNIA, 90050, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 90 DAYS PRIOR TO CANCELLATION OF POLICY.

**CONSTRUCTION NOTES:**

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1976, EDITION WITH 1978 SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED FEBRUARY 1970 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL DEVELOPMENT DIVISION BY TELEPHONE (310) 799-5196 FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE & FEET BELOW CURB GRADE EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-2 OR PRECAST CONCRETE MANHOLES PER S-36, EXCEPT AS NOTED.
- PROVIDE STRIKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "B", "P", OR "C" PER STANDARD SPECIFICATIONS SECTION 306-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-25, CASE II, 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 S-25, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER LEEVE JOINT, TYPE "C" OR "D", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 306-2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.8 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- REPAIRS ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 306-1.9 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL CONACTION 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.

TRACT NO. 32750  
 PRIVATE CONTRACT NO. 4716

W.S. 25  
 1 SHEET OF 2 PAGES  
 SCALE: VERT. 1"=4'  
 HORIZ. 1"=40'  
 June, 1978  
 PREPARED IN THE OFFICES OF  
 TIERRA ENGINEERING COMPANY  
 BY: *Wesley K. Olson*  
 REG. C. E. NO. 19744

47850

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

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BRICK MANHOLE	S-3
STANDARD MANHOLE WITH	S-17
MEASURING FOR SEWER PIPE	S-21
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ALLOWABLE TRENCH WIDTHS	S-29
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PRECAST CONCRETE SHALLOW MANHOLE	S-37
RECTANGULAR SHALLOW MANHOLE	S-37
RECTANGULAR MANHOLE FRAME AND COVER	S-38

COUNTY OF LOS ANGELES, CALIFORNIA  
 STEPHEN J. KOONCE, COUNTY ENGINEER  
 WALTER E. GARRISON, CHIEF ENGINEER  
 APPROVED *Stephen J. Koonce* 2-5-80  
 APPROVED *Walter E. Garrison* 2/14/80  
 CHECKED *Ralph Davis* 2/5/80  
 REG. C.E. NO. 16883  
 LOMITA BLDG. DIST. 12

