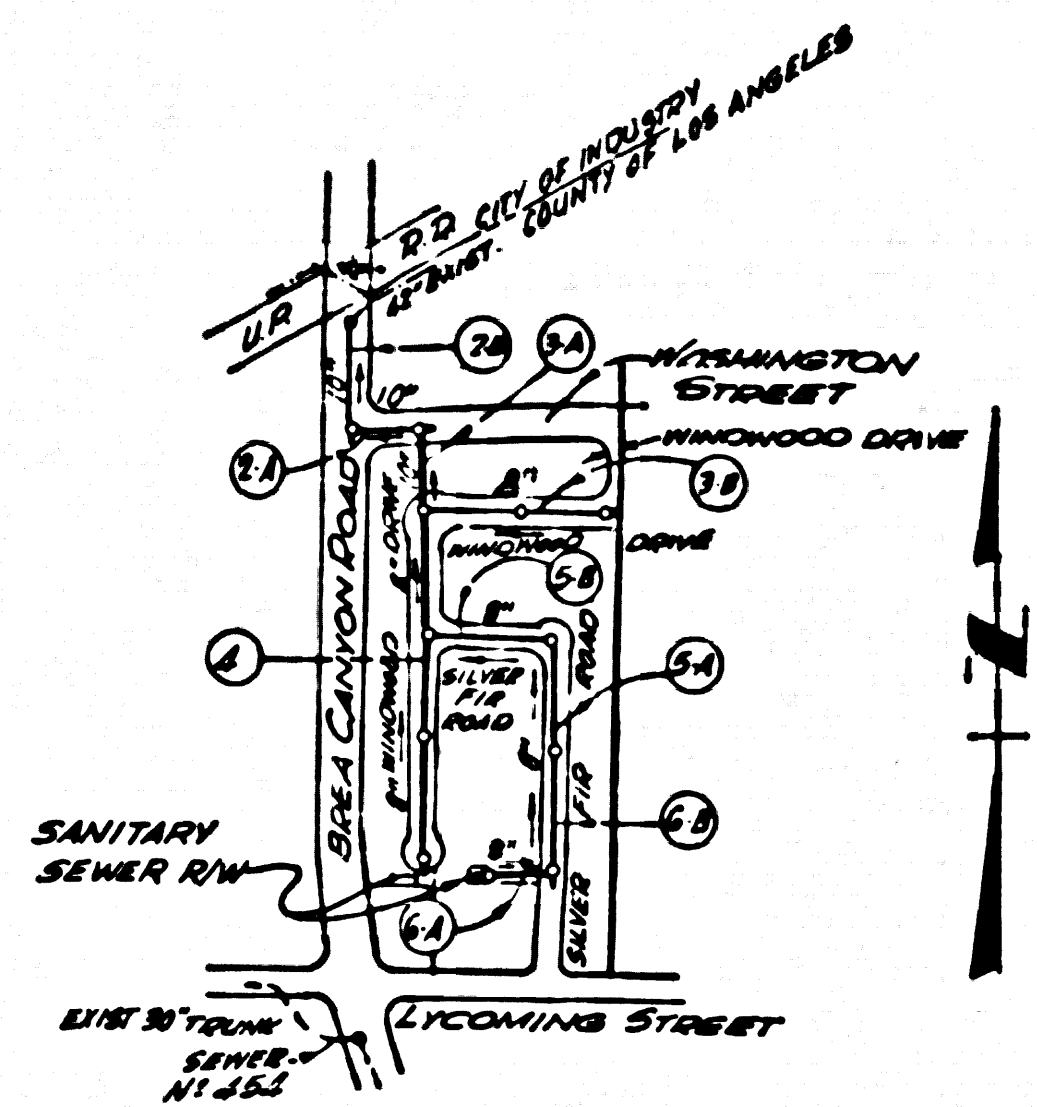


S.M. BG 3802 ELEV. 561.016
 LOS ANGELES COUNTY ROAD DEPARTMENT TAG IN
 CURB 15 WEST OF B.C.R. 20 SOUTH 60 WEST
 OF THE INTERSECTION OF LYCOMING STREET
 AND OLD BREA CANYON ROAD.
OTTERBEIN QUAD. 1970(ADJ)



REVISION No. 1 DATE: 28 Nov 54
 PAGE 1 - REMOVE GENERAL NOTE 11 AND
 CONSTRUCTION NOTE 10.
 PAGE 2 - CHANGE POINT OF CONNECTION ON
 SANITATION DISTRICT LINE AT STD. 0127.14.
 APPROVED: *Thomas C. Woodard*
 OFFICE OF COUNTY ENGINEER
 D.C.E. No. 19156

INDEX MAP
 SCALE: 1" = 600'

**COLLECT CHARGES
 AS INDICATED**

- GENERAL NOTES:**
1. REVISIONS ARE IN PLY ABOVE U.L.C. & S.E. SEA LEVEL DATUM OF 1929.
 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 4. 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.
 5. 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 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.
 6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL STOPS AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
 7. 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. 1, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 403 DOWNY ADMIN. OFFICE, 9150 F. IMPERIAL AVE., DOWNEY CALIF. 90244, SAN DIMAS, CALIF. DISTRICT OFFICE, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 8. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 188 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
 9. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR OF THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.
 10. REFER TO SECTION 7.18.4.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN
TRACT NO. 27390
PRIVATE CONTRACT NO. 8791
 W.S. 398-3
 3 SHEETS; 6 PAGES
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40' 1922
 PREPARED IN THE OFFICES OF
HOPEN, HEDLUND & DARBY INC.
 BY: *Thomas C. Woodard*
 REG. C. E. No. 14075

- County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 337-1025 - 838-1181)
- Core Drilling District trunk sewer. Acceptance of the project.
- No connections for the disposal of industrial wastes shall be made or repairs done on these drainages without written permission from the Chief Engineer and General Manager of the County Sanitation Districts.
- CONSTRUCTION NOTES:**
1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1970 EDITION) WITH 1954 SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 4/20/54, 1/12/52 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
 2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, IN PERSON 9-05 AM, EXT. 81581, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 4. TYPE OF THE MANHOLES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 5. ALL STRUCTURES SHALL BE BUILT BRICK MANHOLES PER 2.8 ON PRECAST CONCRETE MANHOLES PER 3.8, EXCEPT AS NOTED.
 6. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 7. MANHOLES TOPS IN UNIMPROVED AREAS OF WAYS TO BE 20 INCHES ABOVE FINISHED GRADE.
 8. VITRIFIED CLAY PIPE JOINTS SHALL BE THE "B", "F", OR "T" PER STANDARD SPECIFICATIONS SECTION 200-2.
 9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 4.32, CASE 2, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 10. 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 4.32, CASE 2, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
 11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "B", WITH GASKETS IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 200-2.
 12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306.3.2 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 14. FULL COMPLIANCE WITH SECTION 506-1.9.5 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL CONSTRUCTION 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.
 15. THE CONTRACTOR SHALL NOTIFY THE METROPOLITAN WATER DISTRICTS OF LOS ANGELES AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION IN BREA CANYON ROAD BY CALLING MR. THOMAS LOWY AT 622-4282 EXT. 573.

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

LEGEND	2.1
MINIMUM PUBLIC SAFETY REQUIREMENTS	2.2
BRICK MANHOLES	2.3
STANDARD MANHOLES STOP	2.4
BEDDING FOR SEWER PIPE	2.5
CRACKING AND ENCASEMENT	2.6
WYE ON THE SUPPORT	2.7
ALLOWABLE TRENCH WIDTHS	2.8
LOCKING MANHOLE FRAME AND COVER	2.9
NON-REINFORCED PRECAST CONCRETE MANHOLE	2.10

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER
 JOHN D. PARKHURST, CHIEF ENGINEER
 APPROVED: *Thomas C. Woodard* REGIONAL ENGINEER
 APPROVED: *John D. Parkhurst* OFFICE ENGINEER
 CHECKED: *Thomas C. Woodard* 1 NOV 1954
 REG. C. E. NO. 19156
 LA PUENTE BLDG. DIST. 20 J. N. 0250.02

