



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

LEGEND	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE STEP	5-4
BEDDING FOR SEWER PIPE	5-5
CRADLING AND ENCASEMENT	5-6
WIRE OR TREE SUPPORT	5-7
ALLOWABLE TRENCH WIDTH	5-8
LOCKING MANHOLE FRAME AND COVER	5-9
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-10

County Sanitation District shall be notified prior to the following so that required inspection can be made (Phone 337-1035 or 638-1181)

Approval 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.

CITY OF CULVER CITY
 APPROVED BY
Louis A. Mohr 3-1-72
 CITY ENGINEER

CITY OF CULVER CITY BLDG. DIST.

- NOTE:
1. PROFILE 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 "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THREE 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 9-8747, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 7. MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S-2. PRECAST CONCRETE MANHOLES PER S-2-6 MAY BE USED AS AN ALTERNATE.
 8. USE STANDARD MANHOLE FRAMES AND COVERS, E-16 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", "N" OR "A" PER STD. SPECS., SEC. 209-8.
 12. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-2, 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-2, 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 CITY OF CULVER CITY OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
 16. SEWERS TO BE TESTED FOR LEAKAGE PER SEC. 204-2.1.7 OF THE STD. SPECIFICATIONS & SPEC. PROVISIONS.
 17. REFER TO SEC. 7-10.4.1 OF THE STD. SPECS. REGARDING SAFETY ORDERS.
 18. CONTRACTOR MUST OBTAIN EXCAVATION PERMIT FROM THE CITY OF CULVER CITY BEFORE ANY WORK IS DONE IN CITY STREETS.
 19. STREET PAVEMENT SHALL BE REPLACED IN ACCORDANCE TO THE CITY OF CULVER CITY STANDARDS AND SHALL CONSIST OF 6" THICK A.C. PAVEMENT PLACED ON 8" THICK C.R.B. ALL BACKFILL OF THE TRENCH SHALL BE COMPACTED TO A MINIMUM OF 90% OF ULTIMATE DENSITY.

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.

Bary S. Fisher 12/16/71
 R.E.E.

COLLECT CHARGES AS INDICATED

PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS PAGE 1
 TO BE CONSTRUCTED IN

PARCEL MAP 1817
 PRIVATE CONTRACT NO. 8719
 W.S. 24
 1 SHEET 2 PAGES
 SCALE: VERT. 1" = 4' HORIZ. 1" = 40'
 DECEMBER 16, 1971
 PREPARED IN THE OFFICES OF
FISCHER ENGINEERING COMPANY
 BY *Bary S. Fisher*
 REG. C.E. NO. 13266
 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 AND CONTRACT AGREEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND THE LOCATION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND THE LOCATION OF ALL UTILITIES.

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER
 APPROVED BY *Robert W. Miller* REGIONAL ENGINEER
 J. D. PARKHURST, CHIEF ENGINEER
 APPROVED BY *Edith A. ...* OFFICE ENGINEER

CHECKED BY *Kenneth J. ...* 3/7/72
 REG. C.E. NO. 10653

J.N. 0371.35

