

B.M. SY 94 ELEV. 129.282  
 1st Lt. 2nd E. B.C.R. @ S.E. cor.  
 Gage Ave & Jaboneria Road 28th St.  
 1 S. 447th E. Int. (South Gate)  
 QUAD. 19 60

COMMERCE BLDG. DIST. NO. 6.01.

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

TRACT NO. 29149 (PVT. ST.)  
 PRIVATE CONTRACT NO. 6928

W.S. 36, 8-5

1 SHEET OF 2 PAGES (3478<sup>o</sup>)

SCALE: VERT. 1"=4'  
 HORIZ. 1"=40'

MARCH, 1964

PREPARED IN THE OFFICES OF  
 C-S-T ENGINEERING COMPANY

REG. C. E. NO. 10103

FOR LEGEND SEE PLAN NO. S-64

- NOTES:
1. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PROJUCED 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 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 CITY ENGINEER.
  6. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-4747, EXT. 8151, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  7. MANHOLES SHALL BE BENCH SEWER STRUCTURES PER S-104. PRECAST CONCRETE MANHOLES PER S-113 OR S-173 MAY BE USED AS AN ALTERNATE IN LOCATIONS APPROVED BY THE CITY ENGINEER.
  8. USE STANDARD MANHOLE FRAMES AND COVERS, S-107.
  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. USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPECS., SECS. 34 & 48 § 49.
  12. WHERE EVER GROUND WATER IS ENCOUNTERED DURING THE CONSTRUCTION OF THE SEWERS, THE V.C.P. JOINTS SHALL BE OF MECHANICAL COMPRESSION JOINTS PER SPECS., SEC. 34, § 49 & 47.
  13. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-172, CASE M, TWO FEET ON EITHER SIDE FROM THE POINT OF INTERFERENCE.
  14. 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-172, CASE M, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
  15. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE... 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
  16. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  17. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 2, SPECS., SEC. 54.
  18. ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE RIGIDLY ENFORCED.

FIGURES IN CIRCLE AT END OF HOUSE LATERAL INDICATES HOUSE LATERAL TO BE CONSTRUCTED WITH 1/2" RISE PER FOOT TO PROPERTY LINE.

Note:  
 No Connection Permits shall be issued until Sanitary Sewer Right of Way is obtained.

COLLECT CHARGES AS INDICATED  
 W.G. Lane 4/17/64

APPROVED: E. T. [Signature] DATE: 4-18-64  
 INDUSTRIAL WASTE DIVISION

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.

BEFORE BREAKING INTO ANY EXISTING STRUCTURE AND BEFORE FINAL ACCEPTANCE OF THIS WORK, COUNTY SANITATION DISTRICT (DU 4-1281) SHALL BE NOTIFIED IN ORDER THAT REQUIRED INSPECTION CAN BE MADE.

CITY OF COMMERCE, CALIFORNIA  
 JOHN A. LAMBIE, CITY ENGINEER  
 APPROVED BY: [Signature] ASSISTANT SANITATION ENGINEER  
 SUBMITTED BY: W.C. [Signature] REGIONAL ENGINEER  
 CHECKED BY: [Signature] REG. C.E. NO. 7882

CITY OF COMMERCE, CALIFORNIA  
 J. D. PARKHURST, CHIEF ENGINEER  
 APPROVED BY: [Signature] OFFICE ENGINEER

