

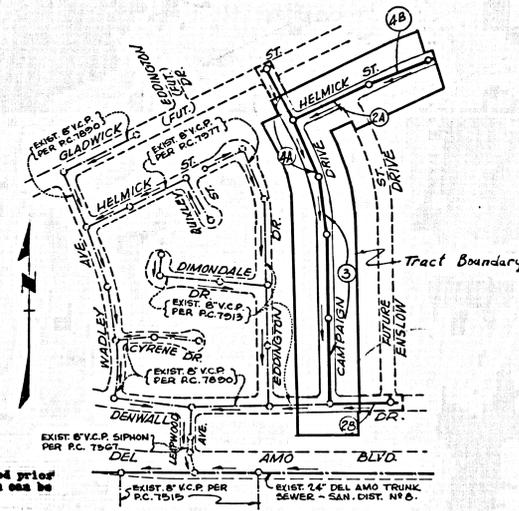
B.M. No. B.V. 220 ELEV. 11.156  
 4.80PK. AT E. EDGE OF PAINT  
 AVAILON BLVD. 17'2" W. & TOWER  
 NO. 52, 5th TOWER S. OF VICTORIA ST.  
 GARDENA QUAD. 1965

CITY OF CARSON BLDG. DIST. NO. 1205

PROFILE, ALIGNMENT AND GRADE OF P.C. 8020  
 SANITARY SEWERS PAGE 1  
 TO BE CONSTRUCTED IN

TRACT No 29011  
 PRIVATE CONTRACT NO. 8020

W.S. 26  
 2 SHEETS, 4 PAGES  
 SCALE: VERT. 1"=4' HORIZ. 1"=40'  
 JANUARY, 1968  
 PREPARED BY THE OFFICES OF  
 VOORHEIS - TRINOLE - NELSON  
 13702 BEACH BOULEVARD  
 WESTMINSTER, CALIFORNIA  
 REG. C.E. NO. 14369  
 FOR LEGEND SEE PLAN NO. S-1



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.

By Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone)

- (1) Commencement of construction of manhole on District trunk sewer.
- (2) Breaking into existing manhole on District trunk sewer.
- (3) Core drilling District trunk sewer.
- (4) Construction of house connections to District trunk sewer.
- (5) Acceptance of the project.

INDEX MAP

SCALE: 1"=300'  
 P.C. 8020

NOTE: FIGURES IN CIRCLES INDICATE PAGE NUMBERS.

- 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 CITY ENGINEER WILL BE SET OR LAY OUT ANY PORTION OF THE WORK.
  3. THE PRIVATE ENGINEER SHALL FURNISH THE CITY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS 4" OR 6" 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 STREET.
  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, MARSHON 9-4747, EXT. 8128, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  7. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRE-CAST CONCRETE MANHOLES PER S-5 OR S-6, EXCEPT AS NOTED.
  8. USE STANDARD MANHOLE FRAMES AND COVERS, S-1, 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", "D", "D" OR "D" PER STD. SPECS. SEC. 208-2.
  12. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-28, 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-28, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
  14. HOUSE LATERALS TO BE CONSTRUCTED WITH 1/4" RISE PER FOOT TO PROPERTY LINE.
  15. RESURFACE ALL TRENCHES WITHIN PAYEE AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  16. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-6.8.7. STD. SPECS.
  17. ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE STRICTLY ENFORCED.
  18. "T" OR "Y" BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWER, EXCEPT AS NOTED.
  19. THE FOLLOWING CITY ENGINEER STANDARD PLANS APPLY TO THIS PROJECT:

- |                                    |      |
|------------------------------------|------|
| 4. LEGEND                          | S-1  |
| 5. MIN. EXCAV. SAFETY REQUIREMENTS | S-2  |
| 6. BRICK MANHOLES                  | S-3  |
| 7. MAN-REIN. PRECAST CONC. MANHOLE | S-5  |
| 8. MANHOLE FRAME AND COVER         | S-15 |
| 9. MANHOLE STOP                    | S-17 |
| 10. RECORDING FOR SEWER PIPE       | S-21 |
| 11. CRADLING & ENCASEMENT          | S-23 |
| 12. WYE OR TEE SUPPORT             | S-25 |
| 13. ALLOWABLE TRENCH WIDTHS        | S-28 |

NOTICE TO CONTRACTOR

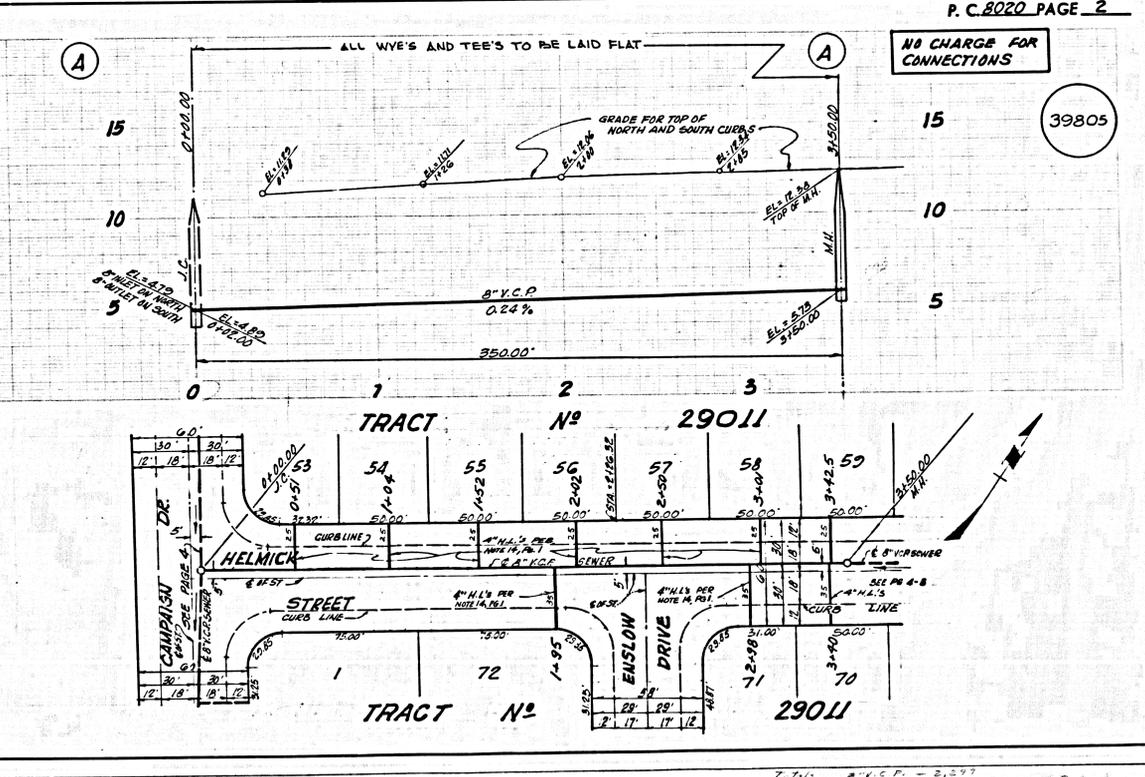
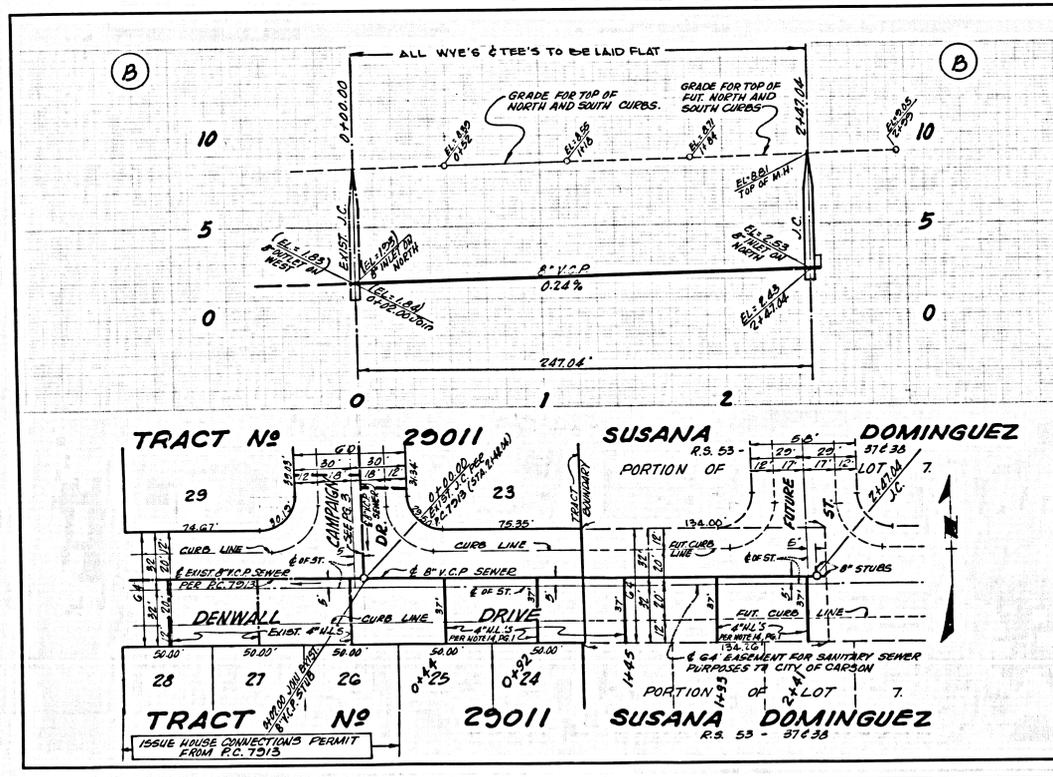
The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of my knowledge there are no existing utilities except as shown on these plans. The contractor is required to take due precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.

COLLECT CHARGES AS INDICATED  
 L. Cantan 3/6/68

CITY OF CARSON, CALIFORNIA  
 JOHN A. LAMBIE, CITY ENGINEER  
 APPROVED BY: [Signature] REGIONAL ENGINEER

CHECKED BY: [Signature] 3-11-68  
 REG. C.E. NO. 10523

REVISION NO. 1  
 DELETED LATERAL FROM MANHOLE STA. 16+40.00, CAMPAIGN DR. - DETAILED M.H. BRASS STR. 14" DIA. CAMPAIGN DR., PAGE 4  
 [Signature] 1-27-68  
 CIVIL ENGINEER



8" V.C.P. - 500 LF  
 4" V.C.P. - 405 LF  
 Manholes - 2

7.712 8" V.C.P. - 2,297  
 4" V.C.P. - 2,257  
 Manholes - 2

