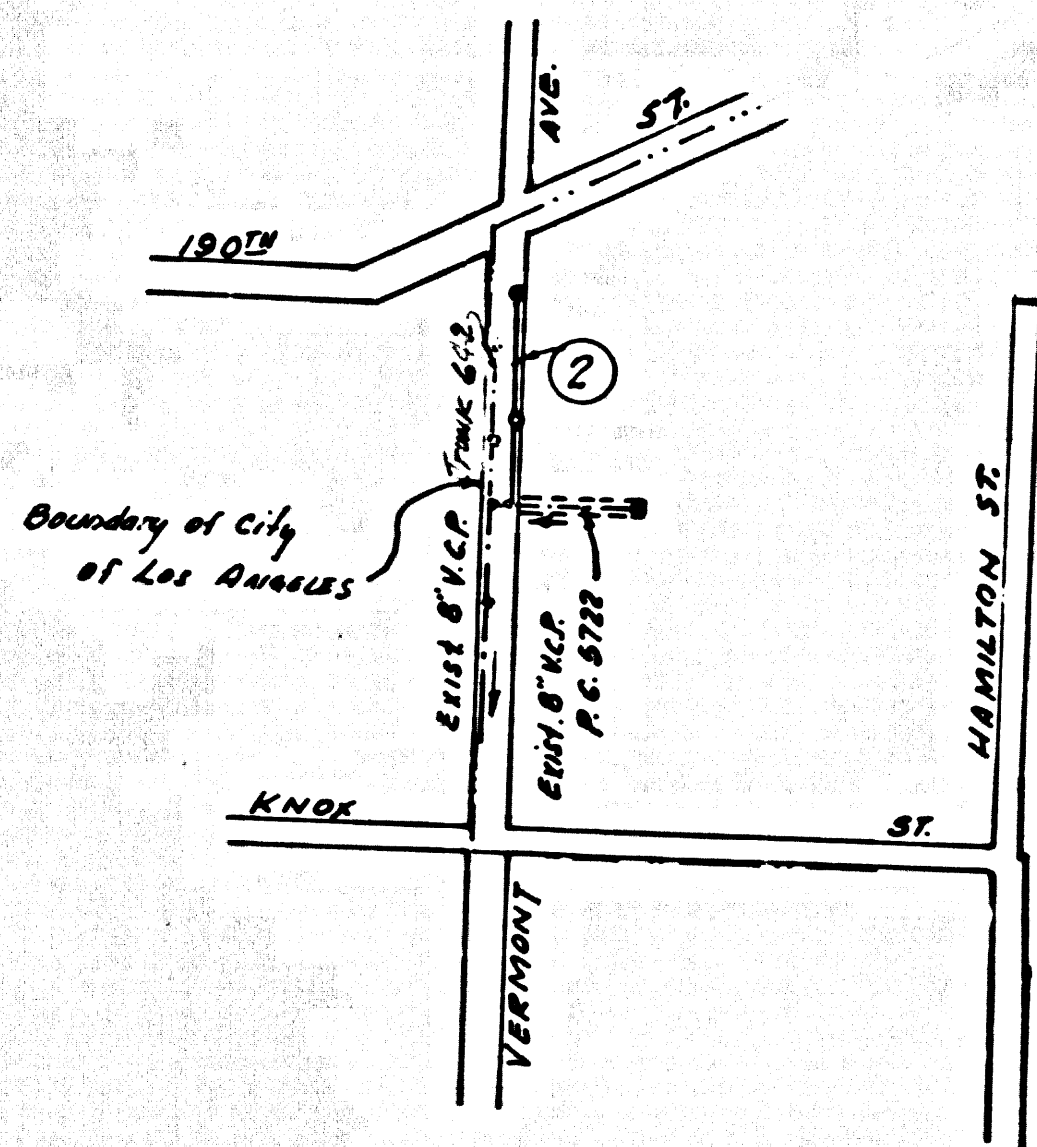


B.M. BY 4056 ELEV. 33.022  
 C.E. Mon. 35' N of 1st Vermont  
 Av. & 190th St  
 GARDENA QUAD. 19 25



INDEX MAP  
 VERMONT AVE. P.C. 8503  
 SCALE: 1" = 600'

Revision 9/28/70  
 Moved M.H. from Sta. 5+22.50 to  
 Sta. 5+14.50 to avoid Tel. Conduit.  
 Approved By: *Charles J. Libbey*  
 10653 Reg. CE No.

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.

County Sanitation Districts shall be  
 notified prior to use following as  
 that requires inspection can be made  
 (Phone 337-1025 - 636-9097)

Acceptance of the project.

LOMITA BLDG. DIST. NO. 12

- 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 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 COUNTY ENGINEER.
  6. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-470, EXT. 8151, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  7. MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S-2 OR PRECAST CONCRETE M.H.'S PER S-30 EXCEPT AS NOTED.
  8. "Y" BRANCHES ONLY MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWER.
  9. MANHOLE TOPS IN UNIMPROVED RIGHT-OF-WAY TO BE 24 INCHES ABOVE FINISHED GRADE.
  10. USE EXTRA STRENGTH PIPE FOR ALL PIPE IN STANDARD DEPTH EXCEPT AS NOTED.
  11. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D", "E" OR "O" PER STAND, SPECS.
  12. IN A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-23, 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-23, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
  14. HOUSE LATERALS TO BE CONSTRUCTED WITH 1/2" RISE PER FOOT TO PROPERTY LINE.
  15. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  16. STANDARD TO BE USED FOR LEGENDS PER SEC. 300-10.2.2 OF THE STAND. SPECS.
  17. REFER TO SEC. 3-0-6.1 OF THE STAND. SPECS., DRAINAGE SANITARY SEWERS.

BRICK MANHOLE	PER S-2
PRECAST CONCRETE MANHOLE	PER S-30
MANHOLE FRAME AND COVER	PER S-2
FRANCHISE MANHOLE JOINT	PER S-27
ENCASING FOR POWER POLE	PER S-23
ENCASING FOR SEWER	PER S-23
ENCASING FOR WATER MAIN	PER S-23

NOTICE TO CONTRACTOR  
 The existence and location of any underground utility pipes or structures shown on these plans are shown as a result of 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.  
*Ronald W. Bischof*  
 REG. CE NO. 10653

COLLECT CHARGES AS INDICATED

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

VERMONT AVENUE

PRIVATE CONTRACT NO. 8503

W.S. 26  
 1 SHEET, 2 PAGES

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

JUNE, 1970  
 PREPARED IN THE OFFICES OF  
 OLSON SURVEYING SERVICE

*Ronald W. Bischof*  
 REG. C.E. NO. 8510

FOR LEGEND SEE PLAN NO. S-1

NOTE: THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS. GRADES TO WHICH THE UNDERGROUND 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. UNLESS SHOWN AND CONSTRUCTED ACCORDING TO THE SCHEDULE SPECIFICATIONS THE WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF SANITARY SEWERS PER S-20 (1967) AND SHALL BE PREPARED AND PAID FOR BY THE COUNTY ENGINEER. 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. 17. 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. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA  
 JOHN A. LAMBIE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER  
 APPROVED BY: *Charles J. Libbey* 9-27-70 APPROVED BY: *J. D. Parkhurst*  
 REGIONAL ENGINEER FOR OFFICE ENGINEER

CHECKED BY: *Charles J. Libbey* 8/27/70  
 REG. C.E. NO. 10653

P. C. 8503 PAGE 2

COLLECT CHARGES AS INDICATED

