

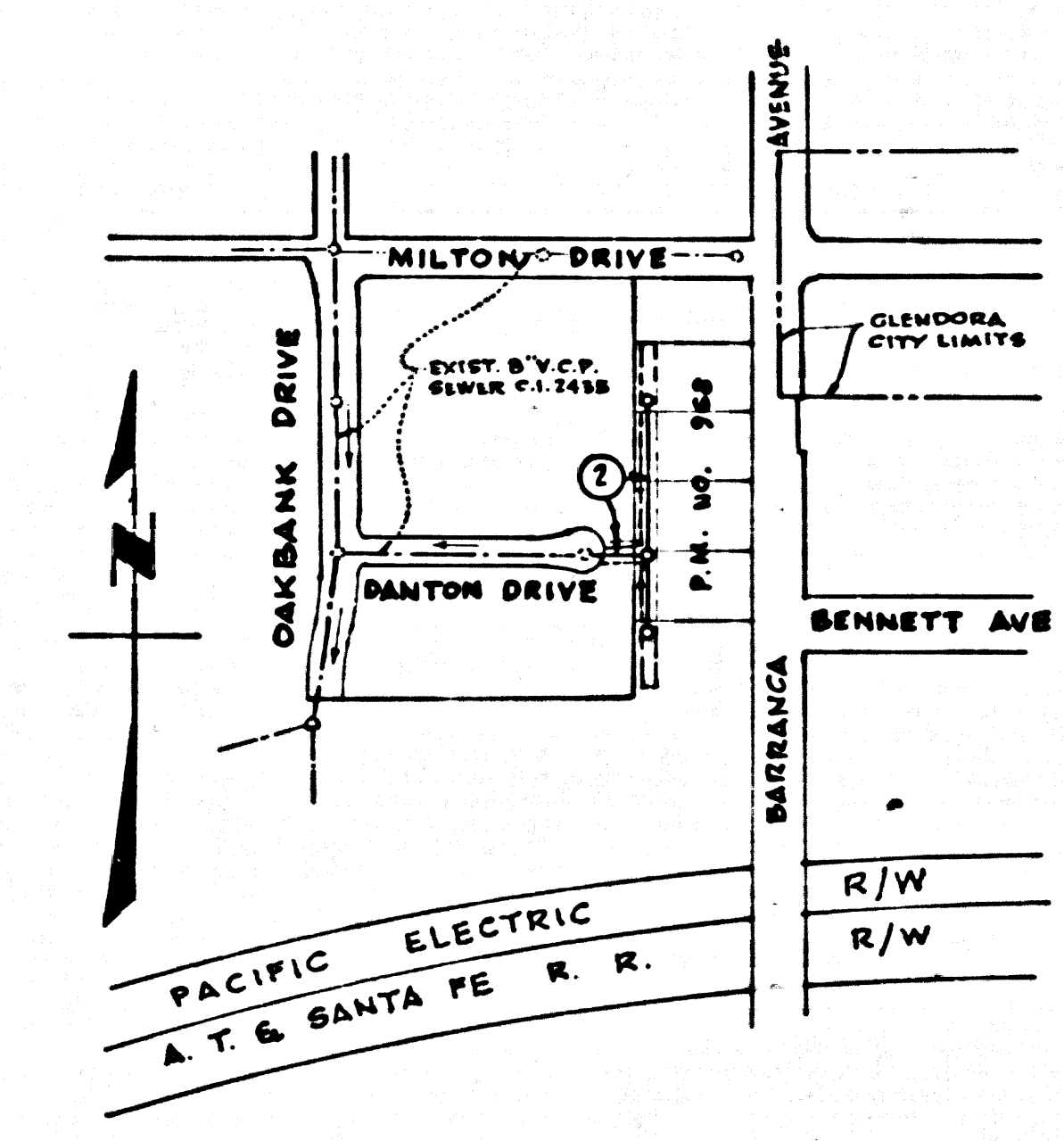
B.M. BG 1162 ELEV. 676.502
 C.S. MONUMENT AT E. INT. OF
 BEN LOMOND AVENUE AND
 FOOTHILL BOULEVARD
 SAN DIMAS QUAD. 1955

DOUBLE SCALE VERTICAL
 SAN DIMAS BLDG. DIST. NO. 10

PROFILE, ALIGNMENT AND GRADE OF
 SANITARY SEWERS P.C. 8491
 PAGE 1
 CONSTRUCTED IN
 PARCEL MAP NO. 968
 P.M.B. 25-40

PRIVATE CONTRACT NO. 8491

W.S. 47
 1 SHEET OF 2 PAGES
 SCALE: VERT. 1" = 8' JUNE 1970
 HORIZONTAL 1" = 40'
 PREPARED IN THE OFFICES OF
 HOPEN HEDLUND EDARBY
 3030 West Main St. Alhambra, Calif. 91801
 By: *[Signature]*
 REG. C. E. NO. 14075



- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- INVERTS SHALL BE CONSTRUCTED ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "T" BRANCHES AND SHALL PROVIDE STAGES FOR THESE 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 BE AT AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED BY VISITING BY THE PRIVATE ENGINEER.
- 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.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, BARRISON 4-4747, EXT. 8146, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- ALL STRUCTURES SHALL BE EXPOSED BRICK MANHOLES PER STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECTION 7.11.1) UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- "T" OR "T" BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- USE EXTRA STRENGTH PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
- VERTIBUS CLAY PIPE JOINTS SHALL BE TYPE "T", "C", OR "D" PER STANDARD SPECIFICATIONS SECTION 388.2.
- 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.
- 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 COUNTY ENGINEER.
- INSURE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS BY ACCORDANCE WITH PERMITS.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 384.2.2 OF THE STANDARD SPECIFICATIONS.
- REFER TO SECTION 7.18.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDNANCE.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VERTIBUS CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITH GASKETS IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 388.2.

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 |
| NON-REINFORCED PRECAST CONCRETE MANHOLE | 5-4 |
| MANHOLE FRAME AND COVER | 5-5 |
| STANDARD MANHOLE STEP | 5-6 |
| SHOULDER FOR SEWER PIPE | 5-7 |
| CRACKING AND ENCASEMENT | 5-8 |
| WYE ON THE SURFACE | 5-9 |
| ADAPTIVE TRENCH WIDTH | 5-10 |

County Sanitation Districts shall be notified prior to the following as that requires inspection and so made (Phone 437-1000 or 606-5097):

- So 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.

NOTES:
 GRASSES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. GRADE POINTS FOR TOP OF CURB, 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 COMPLY TO A STRAIGHT LINE BEYOND THESE DESIGNATED POINTS. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929. ANY QUANTITY FIGURES WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECTION 7.11.1) UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER. SEWER PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED APRIL 7, 1970, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF 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. 1, 11111, AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 309, COUNTY ENGINEERING, BUILDING, 150 SOUTH SPRING STREET, LOS ANGELES, CALIF. 90011. REGIONAL OFFICE, SUBJECT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS. 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. LAMBE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER
 APPROVED BY: *[Signature]* APPROVED BY: *[Signature]*
 COUNTY SANITATION DISTRICTS ENGINEER COUNTY ENGINEER
 CHECKED BY: *[Signature]*
 REG. C. E. NO. 13926

COLLECT CHARGES
 AS INDICATED

43268

