

CONSTRUCTED IN
R/W THROUGH COLLEGE OF THE CANYONS

PRIVATE CONTRACT NO. 9152
 INDEX 2615113

W.S. 63
 1 SHEET, 2 PAGES
 SCALE: VERT. 1"=4'
 HORIZ. 1"=40'
 MAY, 1975
 PREPARED IN THE OFFICES OF
SHAND ENGINEERING ASSOCIATES
 15205 BURESBANK BLVD
 VAN NUYS, CALIF. 91411 707-8550
 BY: *Ronald K. Horn*
 REG. C. E. No. 16913

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- CHANGES 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.
- THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" OR "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.
- 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.
- 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. 5, AND PAY A FEE TO THE COUNTY ENGINEER UNDER B.M. 11814 OF 10¢ PER LINEAR FOOT. A PERMIT FROM THE REGIONAL OFFICE TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 130 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REAFFIRMATION 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.
- REFER TO SECTION 7-18.6.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY OFFICERS.
- "PRIDE TO THE BRAGGANCE" OF THE ISSUED SEWER CONSTRUCTION PERMITS BY THE COUNTY ENGINEER, THE CONTRACTOR SHALL OBTAIN A PERMIT TO EXCAVATE FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY.

CONSTRUCTION NOTES:

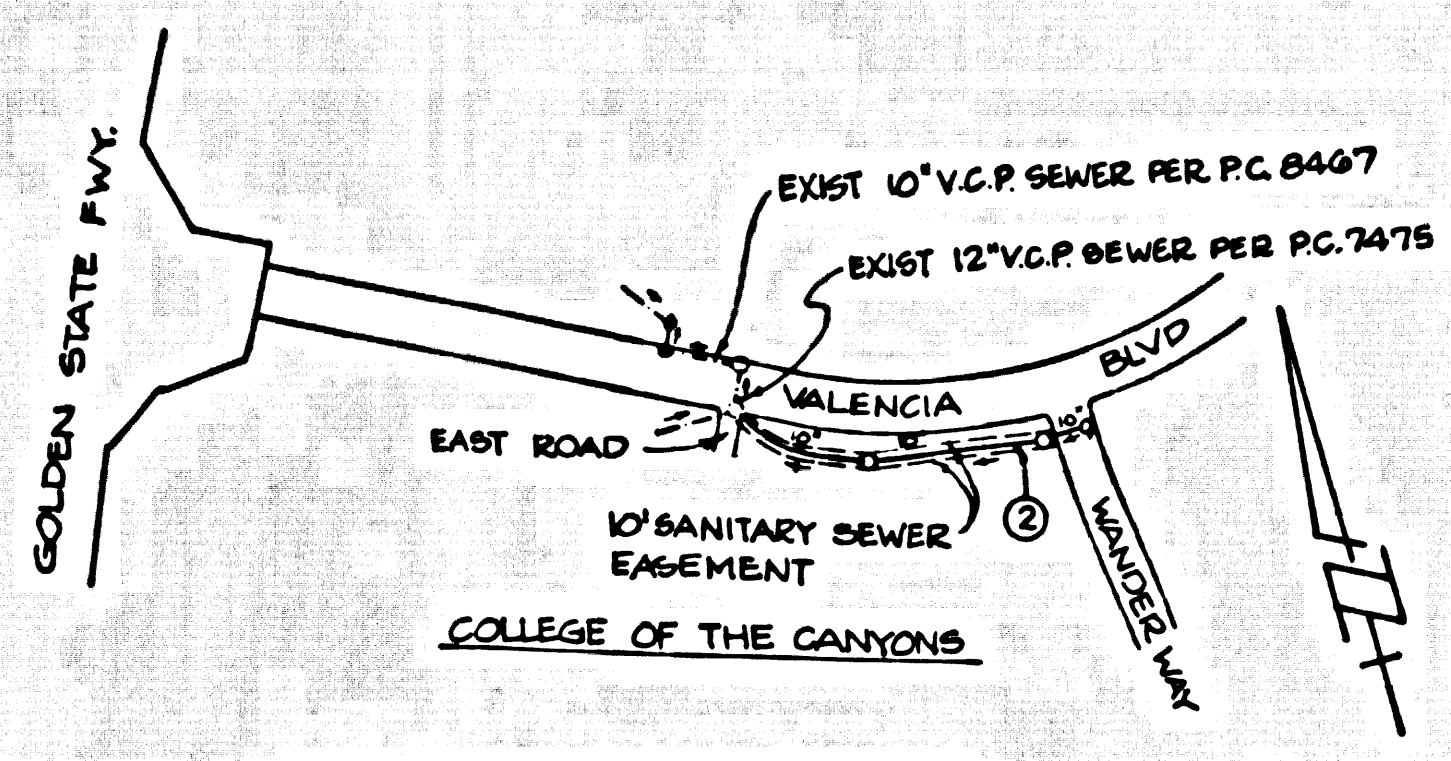
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1973 EDITION WITH 1974 SUPPLEMENT 1 AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED MARCH 1, 1974, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE DESIGN DIVISION BY TELEPHONE, 218-774-7285 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- WYE OR THE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-36 OR PRECAST CONCRETE MANHOLES PER S-36, EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN IMPROVED RIGHTS OF WAY TO BE LEVEL WITH FINISHED GRADE.
- VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "P", "T", OR "G" PER STANDARD SPECIFICATIONS SECTION 308-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-25, CASE II, 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-25, CASE II UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
- ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "B", (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 308-2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 306-1.3 OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.

DOUBLE SCALE

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.
Ronald K. Horn
 P.E. No. 16913

B.M. BL 2903 ELEV. 1181.449
 R.D.B.M. TAG N. Ch VALENCIA BLVD
 2'E. OF C.D. & 134' W. OF OPENING IN
 MEDIAN STRIP 0.75 MI. W. OF NEWHALL AVE
 NEWHALL QUAD QUAD. 1972



NOTE: NUMBER IN CIRCLE INDICATES PAGE NUMBER

INDEX MAP
 SCALE: 1"=500'
 P.C. NO. 9152

- SPECIAL BACKFILL IN DESIGNATED AREAS**
 - BACKFILL TRENCH & REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED SURFACE AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE BUILDING & SAFETY DIVISION.
 - ALL BACKFILL & EARTH REPLACED SHALL BE COMPACTED TO A MIN. OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TEST D-1557-57T AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE DESIGN DIVISION.

COUNTY SANITATION DISTRICTS SHALL BE NOTIFIED 24 HOURS PRIOR TO THE FOLLOWING SO THAT REQUIRED INSPECTION CAN BE MADE.
 (PHONE: 962-8005 - 638-1161)

ACCEPTANCE OF THE PROJECT.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTE WATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

ISSUE NO PERMITS UNTIL R/W IS CLEAR

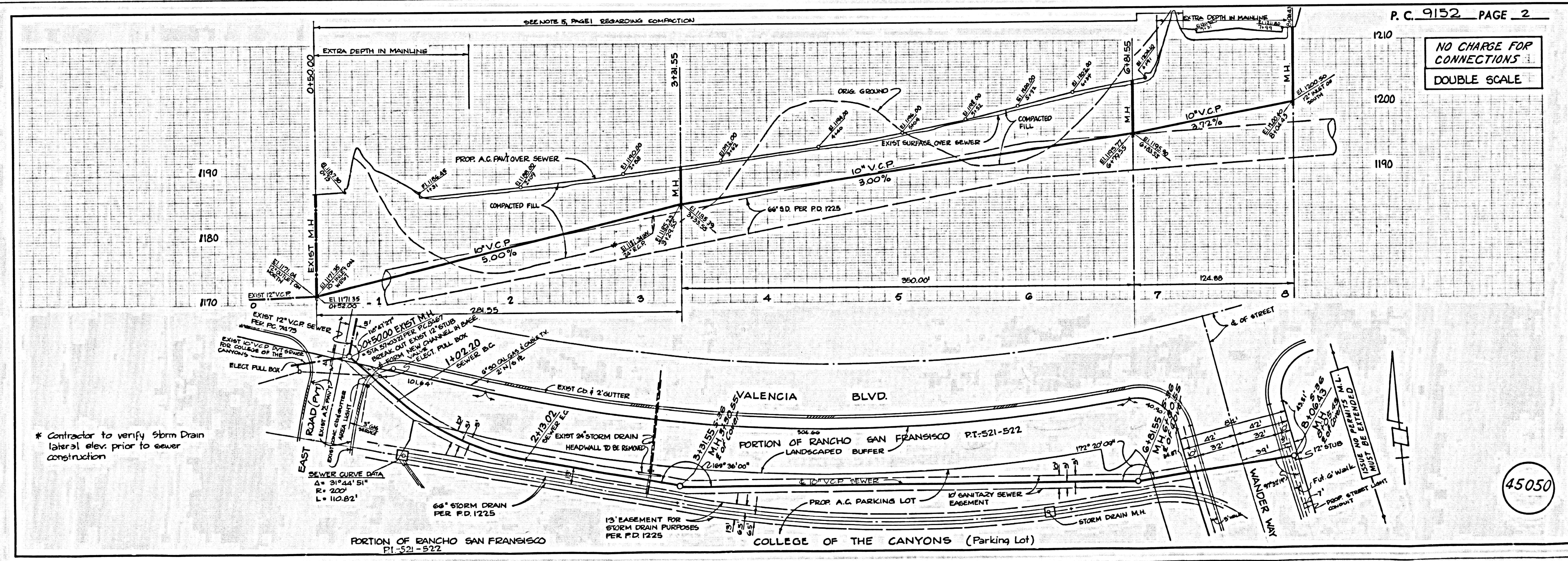
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

| LEGEND | SECTION |
|---|---------|
| MINIMUM PUBLIC SAFETY REQUIREMENTS | S-3 |
| BRICK MANHOLE | S-36 |
| STANDARD MANHOLE STEP | S-17 |
| BEDDING FOR SEWER PIPE | S-48 |
| CRACKING AND ENCASEMENT | S-28 |
| WYE OR TEE SUPPORT | S-38 |
| ALLOWABLE TRENCH WIDTHS | S-33 |
| LOCKING MANHOLE FRAME AND COVER | S-35 |
| NON-REINFORCED PRECAST CONCRETE MANHOLE | S-34 |

45049

COUNTY OF LOS ANGELES, CALIFORNIA
 HARVEY T. BRANDT, COUNTY ENGINEER JOHN D. PARKURST, CHIEF ENGINEER
 APPROVED *Harvey T. Brandt* APPROVED *John D. Parkurst*
 REGIONAL ENGINEER (DATE) OFFICE ENGINEER (DATE)
 CHECKED *Ronald K. Horn* 4/13/75
 REG. C.E. NO. 14390
 SANTA CLARITA VALLEY BLDG. DIST. B-2. I.N. 0358.01

NO CHARGE FOR CONNECTIONS
DOUBLE SCALE



* Contractor to verify storm drain lateral elev. prior to sewer construction

45050