

B.M. 86 2755 ELEV. 474.254  
 L & B. N. Co. N. Service Rd. @ N.E. Cor. Cypress St. & Lark Ellen Ave. 76 ft. N. & 105 ft. E. Int.  
 Covina QUAD. 19 65

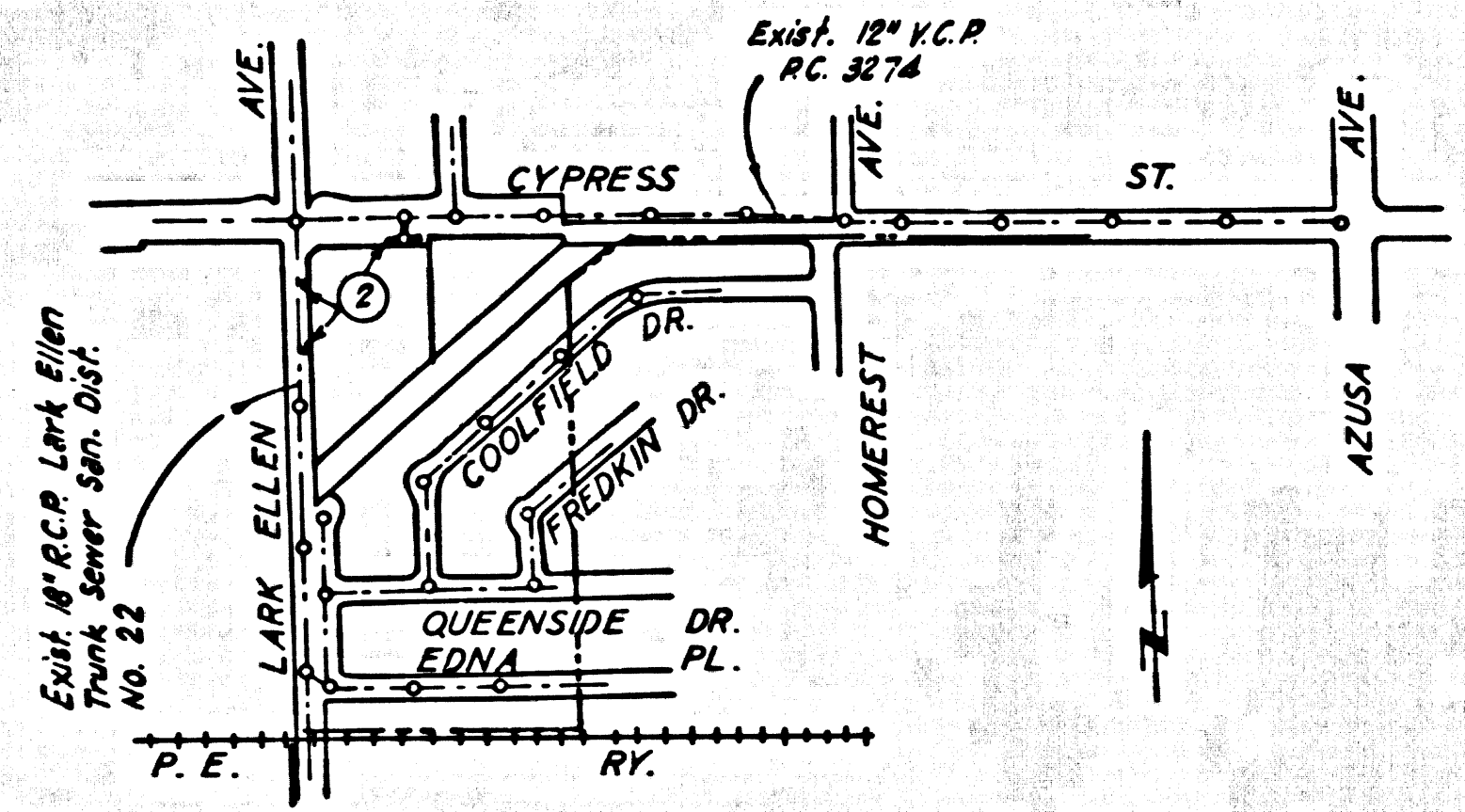
THE FOLLOWING COUNTY ENGINEER STANDARD PLANS APPLY TO THIS PROJECT

- LEGEND
- MINIMUM ELEVATION SAFETY REQUIREMENTS ..... 5-1
  - BRICK MANHOLES ..... 5-2
  - NON-REINFORCED PRECAST CONCRETE MANHOLES ..... 5-3
  - REINFORCED PRECAST CONCRETE MANHOLES ..... 5-4
  - MANHOLE FRAME AND COVER ..... 5-17
  - MANHOLE STEP ..... 5-18
  - BEDDING FOR SEWER PIPE ..... 5-21
  - CRADLING AND ENCASUREMENT ..... 5-22
  - WYE OR TEE SUPPORT ..... 5-23
  - ALLOWABLE TRENCH WIDTHS ..... 5-25

THE FOLLOWING COUNTY SANITATION DISTRICT STANDARD PLAN APPLIES TO THIS PROJECT

SADDLE ..... 54-08

- County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 487-025)
- (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.



COUNTY OF LOS ANGELES CITY OF COVINA  
 INDEX MAP  
 PC. 8060  
 Scale: 1"=600'

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

### SAN DIMAS BLDG. DIST. NO. 10

- 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 "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.
  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 9-4747, EXT. 81581, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  7. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 5-2 OR PRECAST CONCRETE MANHOLES PER 5-3 OR 5-4, EXCEPT AS NOTED.
  8. "Y" BRANCHES ONLY SHALL BE USED FOR CONNECTIONS TO MAIN LINE SEWERS.
  9. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE LEVEL WITH FINISHED GRADE.
  10. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "C", "F" OR "H" PER STD. SPEC. SEC. 208-2
  11. USE MECHANICAL COMPRESSION JOINTS FOR ALL V.C.P. JOINTS PER SPEC.
  12. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-23, 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 5-23, UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
  14. HOUSE LATERALS TO BE CONSTRUCTED WITH 1/4" DIA. PER FOOT TO PROTECT "F" LINE, EXCEPT AS NOTED.
  15. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LA COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
  16. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-2.37 STANDARD SPECIFICATIONS.
  17. ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE STRICTLY ENFORCED.
  18. SPECIAL BACKFILL IN DESIGNATED AREAS:
    - (a) BACKFILL TRENCH AND REPLACE OTHER EARTH REMOVED SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS TRACT BY THE BUILDING AND SAFETY DIVISION.
    - (b) ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STANDARD METHOD OF TEST D99-57 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION.
  19. ALL JOINTS BETWEEN CAST IRON PIPE WITH VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 208-2
  20. SADDLE CONNECTIONS TO THE TRUNK SEWER ON LARK ELLEN AVE. TO BE CONSTRUCTED PER SANITATION DISTRICT STANDARD DRAWING 5-4-86, C.S.D. PERMIT REQUIRED

PROFILE ALIGNMENT AND GRADE OF  
 SANITARY SEWERS P.C. 8060  
 CONSTRUCTED FOR  
 PARCEL MAP NO. 460 PAGE 1

### PRIVATE CONTRACT NO. 8060

W.S. 47  
 1 SHEET OF 2 PAGES  
 SCALE: VERT. 1"=4' HORIZ. 1"=40' APRIL, 1968  
 PREPARED IN THE OFFICES OF  
 ANDREASEN ENGINEERING CO.  
 777 E. HOLT AVENUE  
 BOULGNA, CALIF. (714) 623-1595  
 REG. C. E. NO. 10618

40349

NOTE: GRADES 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. ELEVATIONS ARE IN FEET ABOVE U.S.S. SEA LEVEL UNLESS OTHERWISE NOTED.

THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.

STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND COUNTY ENGINEER SPECIAL PROVISIONS DATED FEBRUARY 19, 1958, AS REVISED, 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. 207 E. BOWLING AVE., SAN DIMAS, REGIONAL OFFICE, SUFFICIENT 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 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, 130 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.

COUNTY OF LOS ANGELES, CALIFORNIA  
 JOHN A. LAMBIE, COUNTY ENGINEER J. D. PARKHURST, CHIEF ENGINEER  
 CO. SAN DIMAS NO. 10  
 APPROVED BY: *[Signature]* APPROVED BY: *[Signature]*  
 SAN DIMAS REGIONAL ENGINEER OFFICE ENGINEER

CHECKED BY: *[Signature]*  
 REG. C. E. NO. 10623

COLLECT CHARGES AS INDICATED

J. N. 0369.10

