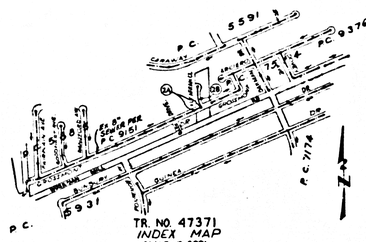
B.M. CG 4060 ELEV. 340 829

L & T IN N. CB LOMITAS AVE. 80 FT. N/O
C/L LOMITAS AVE. & 120 FT. W/O
C/L WORKMAN MILL RD.
WHITTIER QUAD. 1975



PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

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 OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE AND ACTUAL MEASUREMENTS TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "UNDERGROUND SERVICE ALERT" AT 1-800-422-4133 TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

Cathrine A. Conner 34495
REGISTERED ENGINEER — DATE

GENERAL NOTES CON'T.

17 ALL REFERENCES ON THIS PLAN TO THE COUNTY ENGINEER, THE ROAD DEPARTMENT, OR THE FLOOD CONTROL DISTRICT SHALL APPLY TO THOSE APPROPRIATE SECTIONS OF THE DEPARTMENT OF PUBLIC WORKS.

CONSTRUCTION NOTES CON'T.

16 FULL COMPLIANCE WITH PART 7E OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE.

17 MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.

18 A.B.S. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.

19 A.B.S. COMPOSITE PIPE SHALL BE BEDDED IN CONFORMANCE WITH THE TABLE IN SECTION 8-3.1 OF PART 19 OF THE SPECIAL PROVISIONS.

20 THREE DEGREE DEFLECTION COUPLERS ARE REQUIRED FOR RADIUS OF CURVATURE LESS THAN 380 FEET WHEN USING 8" A.B.S. COMPOSITE PIPE.

21 NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.B.S. COMPOSITE PIPE IS USED.

22 SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR BEVELING PIPE END WHEN USING PLASTIC PIPE INCLUDING A.B.S. COMPOSITE PIPE.

23 ALL WYES AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.

24 A.B.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MAINLINE SEWER.

25 ONLY WYE BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.

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

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (818) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

GENERAL NOTES:

1 ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.

2 NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.

3 NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.

4 GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PROFILES AND PROFILE GRADE POINTS FOR TOP OF CURB, CENTERLINE OF STREETS OR CENTERLINE OF ALLEYS ARE SHOWN AT C.M.L.S. FOR PRIVATE STREETS, POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.

5 THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THE APPROPRIATE LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED AT A STRAIGHT GRADE BETWEEN STRAIGHT GRADE POINTS AT ANGLES NOT LESS THAN 45° FROM THE MAINLINE AS SHOWN ON THE PLANS. HOUSE LATERALS FROM WHERE ITS SHALL NOT MAKE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.

6 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.

7 BEFORE WORK CAN BE STARTED THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS. PERMIT OFFICE NO. 6 AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS. 900 S. FREMONT AVE., ALHAMBRA, CA 91803 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.

8 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.

9 APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OR 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.

10 REFER TO SECTION 7-10.1 OF THE "STANDARD SPECIFICATIONS" REGARDING SAFETY ORDERS.

11 PRIOR TO THE ISSUANCE OF THE PRIVATE SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS EITHER (1) A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, OR (3) A LETTER FROM ALL OF SUCH AGENCIES STATING THAT NO PERMIT IS REQUIRED BY THAT AGENCY. THE ADDRESS OF BOTH OF THESE AGENCIES IS: 900 S. FREMONT AVE., ALHAMBRA, CA 91803 NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

1 WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1988 EDITION, SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED JULY 31, 1987 AND SHALL BE PROSECUTED DAILY IN THE FIRM SERVICE OF THE

2 THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEX (213) 922-6963 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.

3 HOUSE LATERALS TO BE CONSTRUCTED WITH SHEETS AT PROPERTY LINE & SET BELOW CURB GRADE EXCEPT AS NOTED

4 WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED

5 ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S.D. OR PRECAST CONCRETE MANHOLES PER S.D. EXCEPT AS NOTED

6 PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE

7 MANHOLE TOPS TO UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE

8 VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "G" PER STANDARD SPECIFICATIONS SECTION 209.2

9 IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S.D. CASE III TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE

10 IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A SEWER LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S.D. CASE I UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.

11 ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT TYPE "C" OR "D" WITH BUSHING IF NEED SAME PER STANDARD SPECIFICATIONS, SECTION 208.2

12 SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308.1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

13 REPLACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.

14 FULL COMPLIANCE WITH SECTION 306.1.3.5 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.

15 SPECIAL BACKFILL IN EASEMENT CONSTRUCTION: (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION OF THE P.W. BOARD. (B) ALL EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. D 1557 METHOD OF TEST C OR D 1557 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION OF PUBLIC WORKS DEPARTMENT.

PROFILE ALIGNMENT AND GRADE OF — PAGE 1

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT NO. 47371

PRIVATE CONTRACT NO. 11099

INDEX U-48

1 SHEET ; 2 PAGES

SCALE: HORIZ. 1"=40' VERT. 1"=4' — OCT, 1989

PREPARED IN THE OFFICES OF
JOHN R. ABELL INC.
160 W. GRAND ST.
LOMPOC, CA 93436 805-736-7671

BY Cathrine A. Conner
REG. C.E. No. 34495
REG EXP. 9/30/91

534/2

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

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COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON
DIRECTOR OF PUBLIC WORKS

CHARLES W. CARRY
CHIEF ENGINEER

CO. SAN. DIST. NO. 15

APPROVED Don Stithem 8/30/90 DATE
APPROVED Jerry Potts 8/31/90 DATE
CHECKED Gerald Ohlin 8/30/90 DATE
REG. C.E. NO. 16116

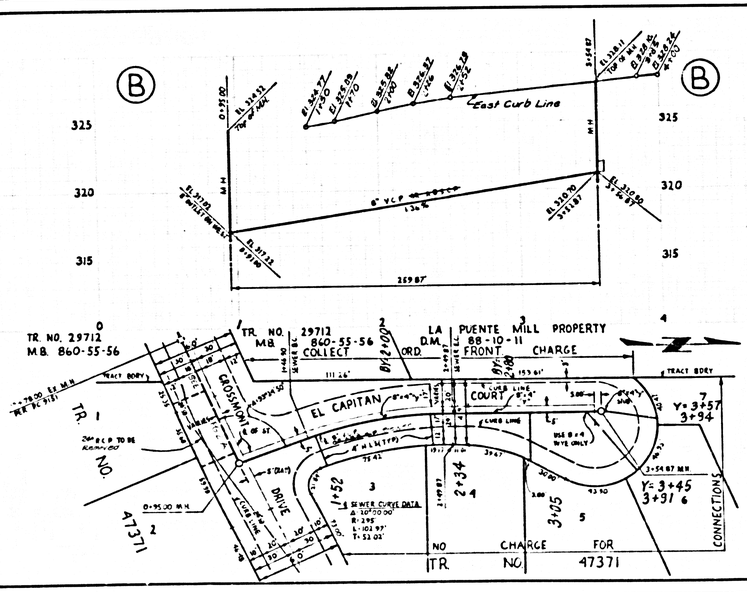
LA PUENTE BLDG. DIST. 30

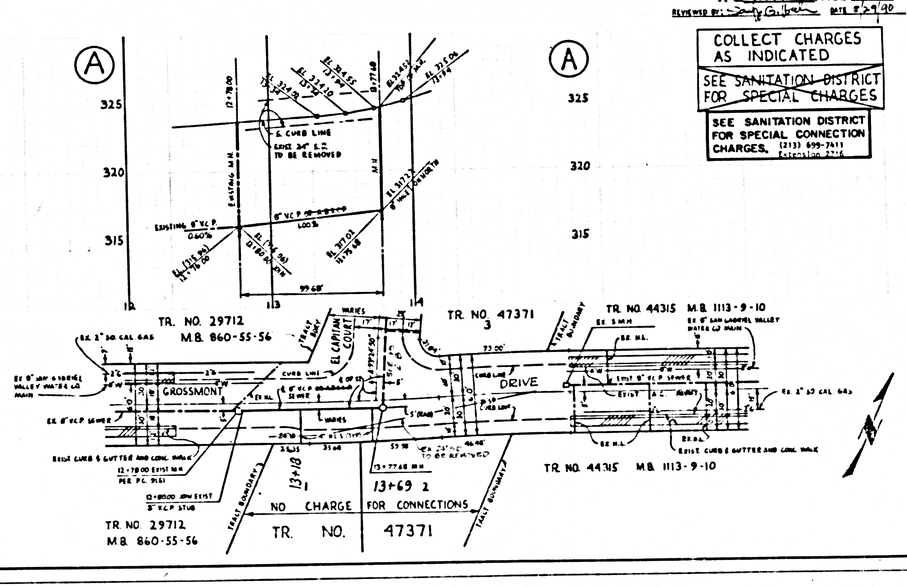
P.C. 11099 PAGE 2
REVIEWED BY: Cathy Gilbert DATE 8/29/90

COLLECT CHARGES AS INDICATED

SEE SANITATION DISTRICT FOR SPECIAL CHARGES

SEE SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES, (213) 699-7411 Extension 2715





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