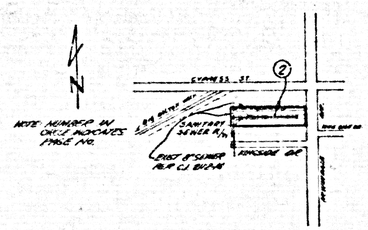
B.M. C.G. 2797 ELEV. 439.616
C.S.B.M. IRON PLUG IN W. END A HOSE NOB 1.60 WEST OF W.C.L. OF IRWINDALE AVE. & EAST 8'±OF N. CYPRESS ST. MKD (SM 16 - 2A)

COVINA QUAD 1980

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 7210 TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (818) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.



NOTE: NUMBER IN CIRCLE INDICATES PAGE NO.

INDEX MAP

TRACT NO. 32371
P.C. 11035
SCALE: 1"=600'
T.G. 88-B4

GENERAL NOTES:

1. ELEVATIONS ARE REFERENCED TO U.S.C. & G.S. DATUM (MEAN SEA LEVEL, 1947 ADJ.)
2. NO REVISIONS SHALL BE MADE ON THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
3. NO WYE OR TEE OF THE SEWER SYSTEM SHALL BE INSTALLED OR USED PRIOR TO FINAL INSPECTION OF THE WORK.
4. GRADES TO WHICH THE IMPROVEMENTS ARE TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. SMALL POINTS FOR TOP OF CURB, CENTERLINE OF STREETS, CROWN, ETC., TO ALLEYS ARE SHOWN BY ... RULES ON PROFILES, AT ALL POINTS BETWEEN FINAL ESTABLISHED POINTS THE GRADE SHALL BE AS ORDERED BY DEPUTY INSPECTOR TO CONFORM TO A STRAIGHT LINE OR PARABOLIC CURVE BETWEEN SAID ESTABLISHED POINTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH ONE SET OF SEWER AND GRADING PLANS SHOWING ALL HOUSE LATERALS, THEIR SIZE, GRADE AND STATIONING FOR ALL INSIDE LATERALS. NO "Y" OR "T" BRANCHES AND SMALL-ANGLE STAKES FOR THESE ATTACHMENTS SHALL BE PLACED AT THE TIME OF INSPECTION. WITH STATION AND INVERT ELEVATIONS ALL HOUSE LATERALS SHALL BE LOCATED FROM A PERMANENT STRUCTURAL ELEMENT. RIGHT ANGLE TEES FROM THE MAIN WILL NOT BE PERMITTED AS SHOWN ON THE "SAME HOUSE LATERAL SYMBOL" UNLESS THE ANGLE OF DEFLECTION IS NOT LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE PROVIDED FOR BY A MANHOLE AND APPROVED BY THE INSPECTOR OF PUBLIC WORKS.
6. THE TERM "LATERAL" SHALL MEAN THE PUBLIC SEWER FROM THE MAIN SEWER TO THE PROPERTY LINE. THE TERM "HOUSE LATERAL" SHALL MEAN THE PRIVATE SEWER FROM THE PROPERTY LINE TO THE BUILDING. THE TERM "CONNECTION" SHALL MEAN THE JUNCTION OF THE HOUSE LATERAL WITH THE PUBLIC LATERAL. THE RUBBER GASKETED JOINT SHALL BE LOCATED NOT LESS THAN 10' BEYOND THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE "Y" BRANCH SHEET.
7. BEFORE WORK CAN BE STARTED ON THE OBSTRUCTION IS GET OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION SECTION OF THE CITY ENGINEER'S DEPARTMENT ON WORK LOCATED WITHIN THE CITY LIMITS OF ALHAMBRA, MONTEBELLO AND PARAMOUNT, TO THE DIRECTOR OF PUBLIC WORKS, 900 S. FREMONT AVE., ALHAMBRA, CALIFORNIA 91803 - 5TH FLOOR, NO 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 DEPT. 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 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.
10. REFER TO SECTION 7.10.4.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
11. PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THIS CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS, A PERMIT OR REGISTRATION AND THE MONIES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 900 S. FREMONT AVE., ALHAMBRA, CALIFORNIA 91803 - 5TH FLOOR, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

CONSTRUCTION NOTES:

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE 1988 EDITION OF "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", BOOKS 1 AND 2, AS PUBLISHED BY BUILDING NEWS, INC., AND ALL AMENDMENTS THERETO ADOPTED BY THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, AND THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED JULY 31, 1985, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS.
2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, (818) 458-3126, AT LEAST TWO (2) WORKING DAYS BEFORE STARTING ANY SEWER UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH 36" MIN. COVER PER FOOT TO THE R/W LINE.
4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPTED AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK OR PRECAST CONCRETE SEWER MANHOLES PER S-3, 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 BE UNIMPROVED 18" BELOW OR 36" TO BE SIX INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "O" PER STANDARD SPECIFICATIONS SECTION 208-3.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-23, CASE II, 10 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 MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23, CASE II 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 "O" OR "D" WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 208-3.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.6 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. RESURFACE 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 306-1.3.4 OF THE STANDARD SPECIFICATIONS 90% IS 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: IN 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.
16. ALL BACKFILL AND EARTH REPLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. D 1557 METHOD OR TEST 216-F-67 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPARTMENT.

PROFILE ALIGNMENT AND GRADE OF

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT NO. 32371

PRIVATE CONTRACT NO. 11035

PAGE 1

MAP 11-70
1 SHEET ; 8 PAGES

53382

SCALE: HORZ. 1"=40'
VERT. 1"=8'

SEPT. 1989

PREPARED IN THE OFFICES OF GILBERT ENGINEERING CO.
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PASADENA, CA. 91107
(818) 449-4537
By Ed Eckert
ED ECKERT REG. C.E. No. 34587

REGISTERED PROFESSIONAL ENGINEER ED L. ECKERT No. 34587 CIVIL STATE OF CALIFORNIA

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

LEGEND	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
STANDARD MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CRADLING AND ENCASEMENT	S-23
WYE OR TEE SUPPORT	S-36
ALLOWABLE TRENCH WIDTHS	S-53
LOCKING MANHOLE FRAME AND COVER	S-56
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-58

COUNTY OF LOS ANGELES, CALIFORNIA

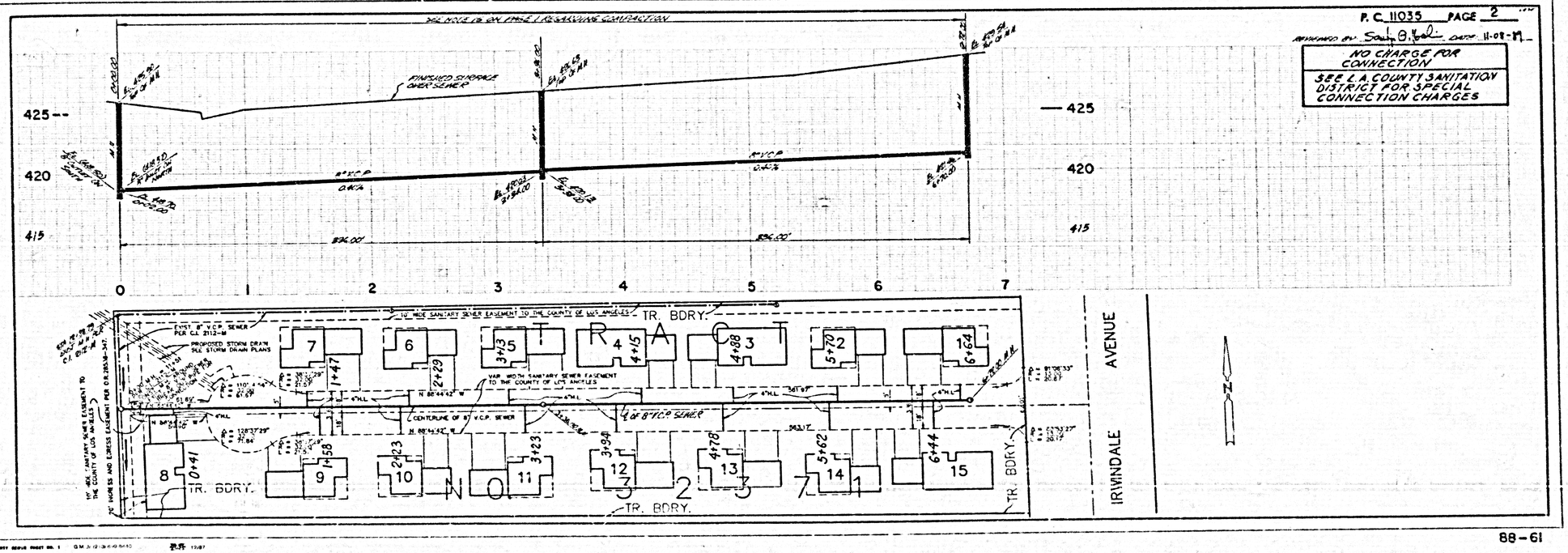
THOMAS A. TIDEMANSON
DIRECTOR OF PUBLIC WORKS

CHARLES W. CARRY
CHIEF ENGINEER
CO SAN DIST NO. 26

APPROVED Thom Tidemanson 11/8/89
DEPUTY
CHECKED Bernard Robins 11/8/89
REG. C.E. NO. 18116

APPROVED [illegible] 11/16/89

SAN DIMAS BLDG. DIST. 10



P.C. 11035 PAGE 2
APPROVED BY Sandy O. Hall DATE 11-08-89

NO CHARGE FOR CONNECTION
SEE L.A. COUNTY SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES

88-61

T.R. NO. 32371