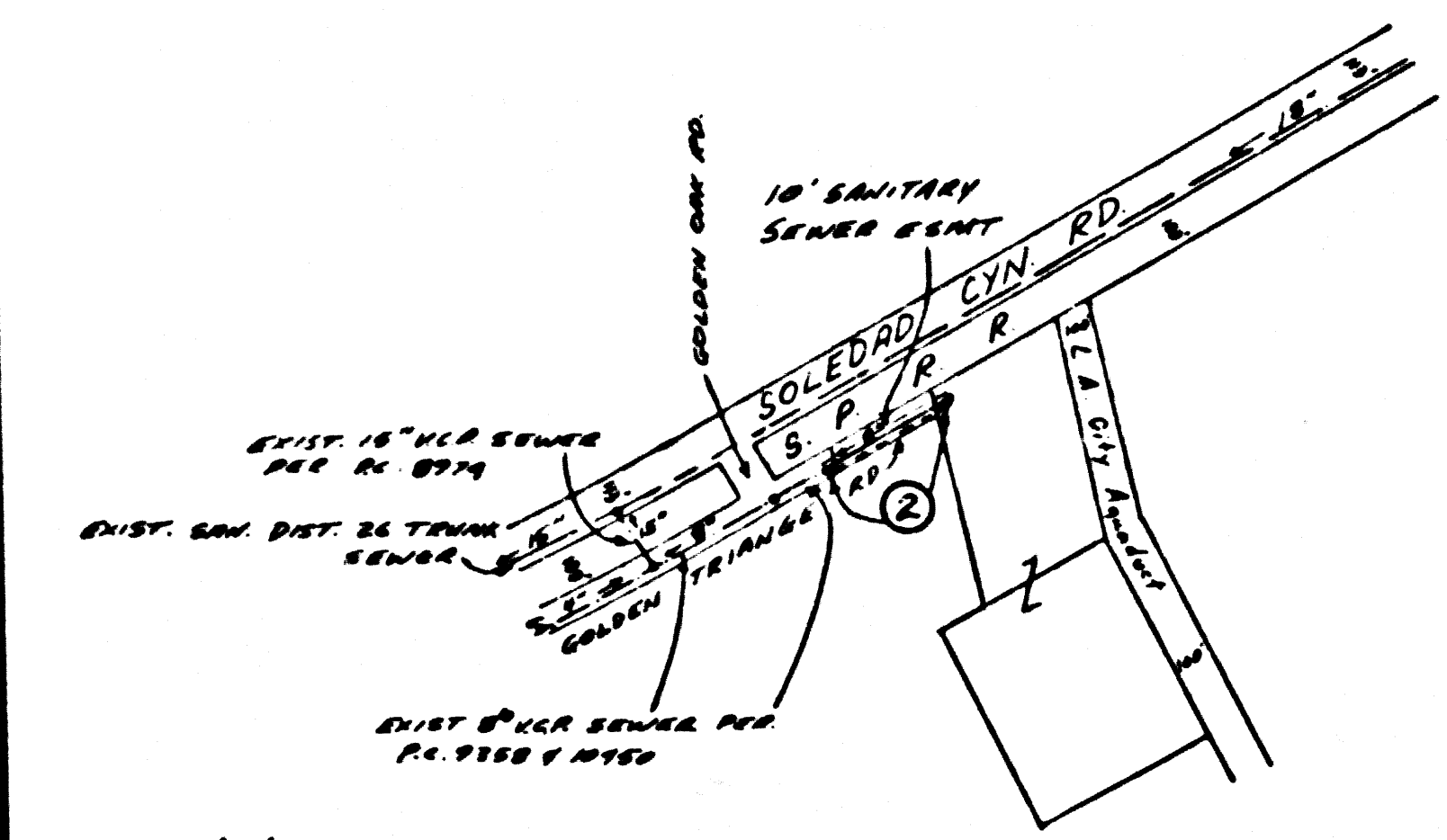


B.M. 21.922 ELEV. 1248.09
 RDBM Top N. End N. New SPRR CULV.
 14742 92 FT. S. & 3/4" from Center of
 1480 FT. E. of L.A. City Appoint 2.1 mi. E.
 Boulevard Canyon Rd.
 NEWHALL QUAD. 1978 Adjustment

DOUBLE SCALE



INDEX MAP
 SCALE
 1" = 800'
 P.C. 10642
 GOLDEN TRIANGLE ROAD

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:
- 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 DEPARTMENT OF PUBLIC WORKS
 - NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK
 - 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 AS TO CONFORMANCE TO A STRAIGHT LINE BETWEEN SAID DESIGNATED POINTS
 - 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 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 COVERTS 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 DISTRICT OFFICE NO. 5 AND PAY A FEE TO THE DEPARTMENT OF PUBLIC WORKS AS SET FORTH BY: LOS ANGELES, CA 848 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS
 - IF WORK IS 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
 - 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
 - REFER TO SECTION 7.10.4 OF THE STANDARD SPECIFICATIONS FOR THE LAYING SAFETY ORDERS
 - PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS A COPY OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE SANITATION DISTRICTS AND A COPY OF THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS. SANITATION DISTRICT INSPECTION SHALL BE NOTIFIED BY PHONE (818) 962-8605 PRIOR TO CANCELLATION OF POLICY. LOS ANGELES, CALIFORNIA. THE CERTIFICATE HOLDER TO BE NOTIFIED BY DATE PRIOR TO CANCELLATION OF POLICY.

- ### CONSTRUCTION NOTES:
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 110 SECTION 110 WITH THE SUPPLEMENTAL AND ADDITIONAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 12/26/87, 4/1/87, 8/1/87, 11/1/87 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS
 - THE CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL SERVICES BY TELEPHONE, 739-2156, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED
 - WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED
 - ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-3L 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 UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE
 - IF 18" CLAY PIPE JOINTS SHALL BE TYPE "D" OR "C" PER STANDARD SPECIFICATIONS SECTION 100-3
 - IF POWER POLES WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-33 CASE II TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE
 - IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THE PIPE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL SEWER WHICH IS NOT INDICATED ON THE PLANS THE PIPE SHALL BE ENCASED PER S-33 CASE II UNLESS OTHERWISE APPROVED BY THE DEPARTMENT OF PUBLIC WORKS
 - ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEED CLAY PIPE SHALL BE MADE WITH A RUBBER JOINT TYPE "D" OR "C" WITH BUSHINGS IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 100-3
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 100-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS
 - INSURE 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 100-1.3.6 OF THE STANDARD SPECIFICATIONS 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
 - 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 DEPARTMENT. IN ALL BACKFILL AND EARTH REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. STD. M 293 OR 293.1 AS MODIFIED AS ACCEPTABLE. CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE SANITATION DISTRICTS WITH THE RECORD SET OF THESE PLANS.

PROFILE ALIGNMENT AND GRADE OF PAGE 1

SANITARY SEWERS

TO BE CONSTRUCTED IN

GOLDEN TRIANGLE ROAD

PRIVATE CONTRACT NO. 10642

W.S. A-62
 1 SHEET ; 2 PAGES

SCALE: HORIZ. 1" = 40' VERT. 1" = 4'

NOVEMBER, 1986

PREPARED IN THE OFFICES OF

HALE & ASSOCIATES INC.
 24303 San Fernando Road, Newhall, CA. 91321 (805) 259-9702
 BY: *[Signature]*
 REG. C.E. NO. 19740

51990

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

LEGEND	S-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-2
BRICK MANHOLE	S-3
STANDARD MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CHANNEL AND ENCASMENT	S-23
WYE OR TEE SUPPORT	S-26
ALLOWABLE TRENCH WIDTHS	S-29
LOCKING MANHOLE FRAME AND COVER	S-36
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-38

COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON
 DIRECTOR OF PUBLIC WORKS

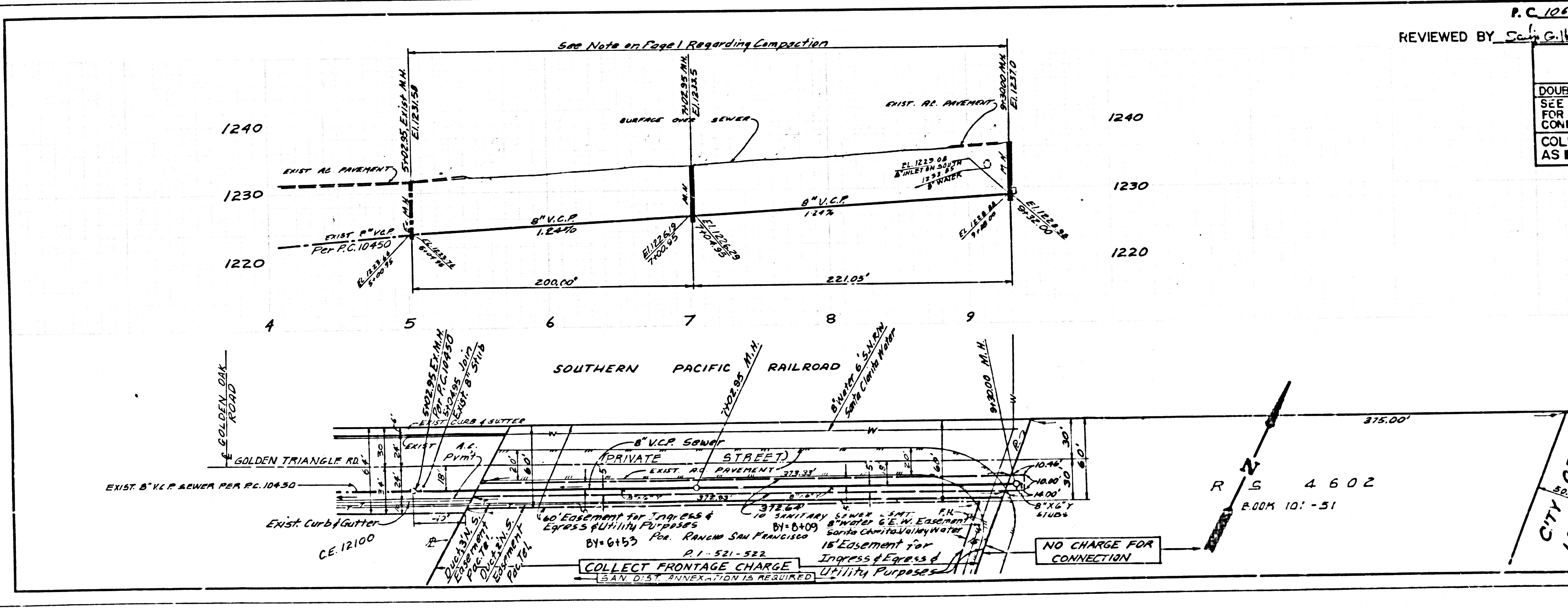
CHARLES W. CARRY
 CHIEF ENGINEER

APPROVED *[Signature]* 5/21/87 (DATE)
 APPROVED *[Signature]* 5/26/87 (DATE)

CHECKED *[Signature]* 5/26/87 (DATE)

REG. C.E. NO. 16844

SANTA CLARITA VALLEY BLDG. DIST. B-2



P.C. 10642 PAGE 2

REVIEWED BY *[Signature]* DATE 5-26-87

DOUBLE SCALE
 SEE SAN DISTRICTS
 FOR SPECIAL
 CONNECTION CHARGES
 COLLECT CHARGES
 AS INDICATED

51991

C.O.D. 10845
 DAOR ELEVATED VED100