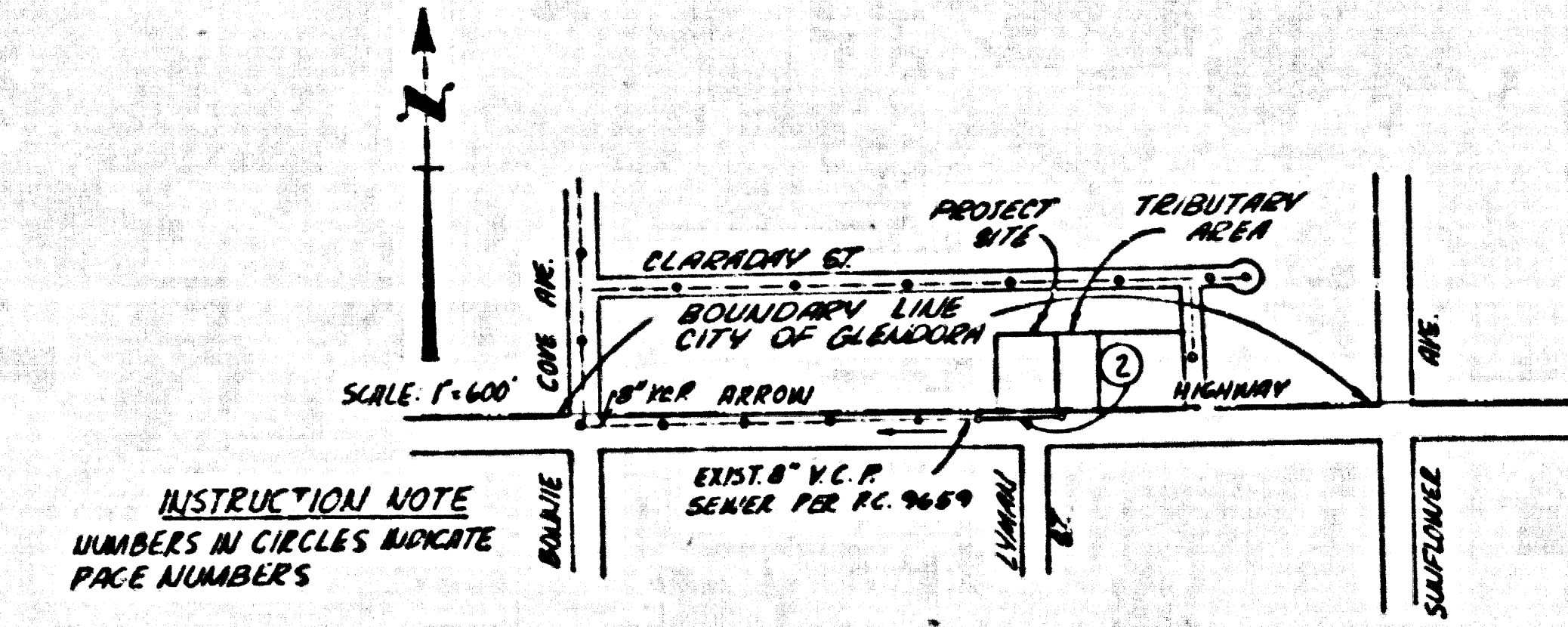


B.M. C.G. 9380 ELEV. 770.040  
 L.I.C.E. TRG. N.E. CENTER CURB RETURN  
 AT N.W. CORNER ARROW HIGHWAY AND SUM-  
 FLOWER AVE. 36' W. OF 64' AND 6' INTERSECTION.  
 SAN DIMAS QUAD. 1920.



INSTRUCTION NOTE  
 NUMBERS IN CIRCLES INDICATE  
 PAGE NUMBERS

INDEX MAP  
 P.C. 10653

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:

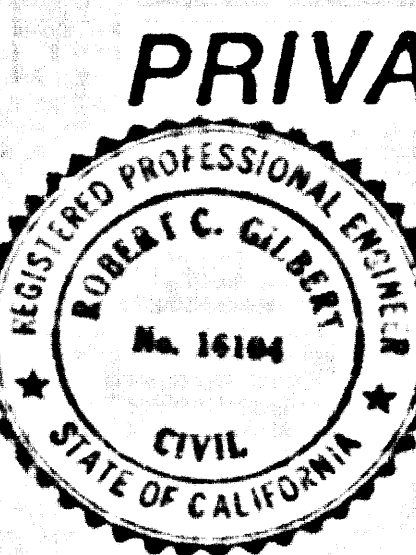
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
- NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SUPPLY OR LAY OUT ANY PORTION OF THE WORK.
- SEWERS TO WHICH THIS INSTRUMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES BY DESIGNATED POINTS. CENTER LINE OF STREETS OR CENTER LINE OF ALL LINES SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE BETWEEN THE SAID DESIGNATED POINTS.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "12" OR "14" 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 AND BRANCHES 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 COUNTY. PERMITS OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, PERMITS OFFICE NO. 1000, AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 1200 ALPINE ST., LOS ANGELES, CALIFORNIA 90012 TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF HOUSE LATERALS EXIST AT A PROPERTY LINE, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH BRYAN 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 OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.
- REFER TO SECTION 7.16.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
- PRIOR TO THE ISSUANCE OF THE PROPOSED SEWER CONSTRUCTION PERMIT THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE COUNTY. PERMITS OFFICE OF THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 1200 ALPINE ST., LOS ANGELES, CALIFORNIA 90012. A PERMIT, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED BY DATE PRIOR TO CANCELLATION OF PERMIT.

CONSTRUCTION NOTES:

- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND SECTION 1001 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED 5/1/79.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE 299-8881 AT LEAST TWO HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- PIPE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 9-3 OR PRECAST CONCRETE MANHOLES PER 9-3B, 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 AREAS TO BE SIX INCHES ABOVE FINISHED GRADE.
- WITHEDED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 200-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 9-3B 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 WORK, A MAIN LINE OR HOUSE LATERAL, V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 9-3B CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEDED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", WITHIN BUSINESS OF INCHES PER STANDARD SPECIFICATIONS, SECTION 200-2.
- BEFORE BEING TO BE TESTED FOR LEAKAGE PER SECTION 200-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- REPLACE ALL TRENCHES WITHIN FINISHED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 200-1.3.A OF THE SPECIAL PROVISIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPOSITION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- SPECIAL BACKFILL IN SUBSEQUENT CONSTRUCTION (AS BACKFILL TRENCH AND REPLACE OTHER EARTH) SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THE DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. ALL BACKFILL AND EARTH REPLACEMENT SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER ASTM METHOD OF TESTS D1557 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPARTMENT.

SANITARY SEWERS

TO BE CONSTRUCTED IN  
 705 E. ARROW HWY.



PRIVATE CONTRACT NO. 10653  
 INDEX U-53  
 1 SHEET OF 2 PAGES

52174

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

PREPARED IN THE OFFICES OF GILBERT ENGINEERING  
 ADDRESS: 4557 LINDSAY AVE. STE. 200  
 CYPRESS, CA 94503  
 TEL: 705-7000 FAX: 705-601-0000

License Expires  
 June 30, 1989

BY: R.C. GILBERT  
 REG. C.E. No. 16104

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	0-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	0-2
BRICK MANHOLE	0-3
STANDARD MANHOLE STEP	0-17
RECORDS FOR SEWER PIPE	0-21
CONDUIT AND ENCASUREMENT	0-22
PIPE OR TEE SUPPORT	0-23
ALLOWABLE TRENCH WIDTHS	0-24
LOCKING MANHOLE FRAME AND COVER	0-25
NON-REINFORCED PRECAST CONCRETE MANHOLES	0-26
DESIGN REQUIREMENTS FOR SANITARY SEWERS IN THE VICINITY OF PRESSURE MAINS	0-27

COUNTY OF LOS ANGELES, CALIFORNIA  
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS  
 CHARLES W. CARR, CHIEF ENGINEER

APPROVED: [Signature] 9/19/87  
 CHECKED: [Signature] 9/25/87  
 REG. C.E. NO. 10841

SAN DIMAS BLDG. DIST. 12

REVISION BY: [Signature] DATE: 9-25-87

NO CHARGE FOR CONNECTIONS  
 SEE COUNTY SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES

52175

