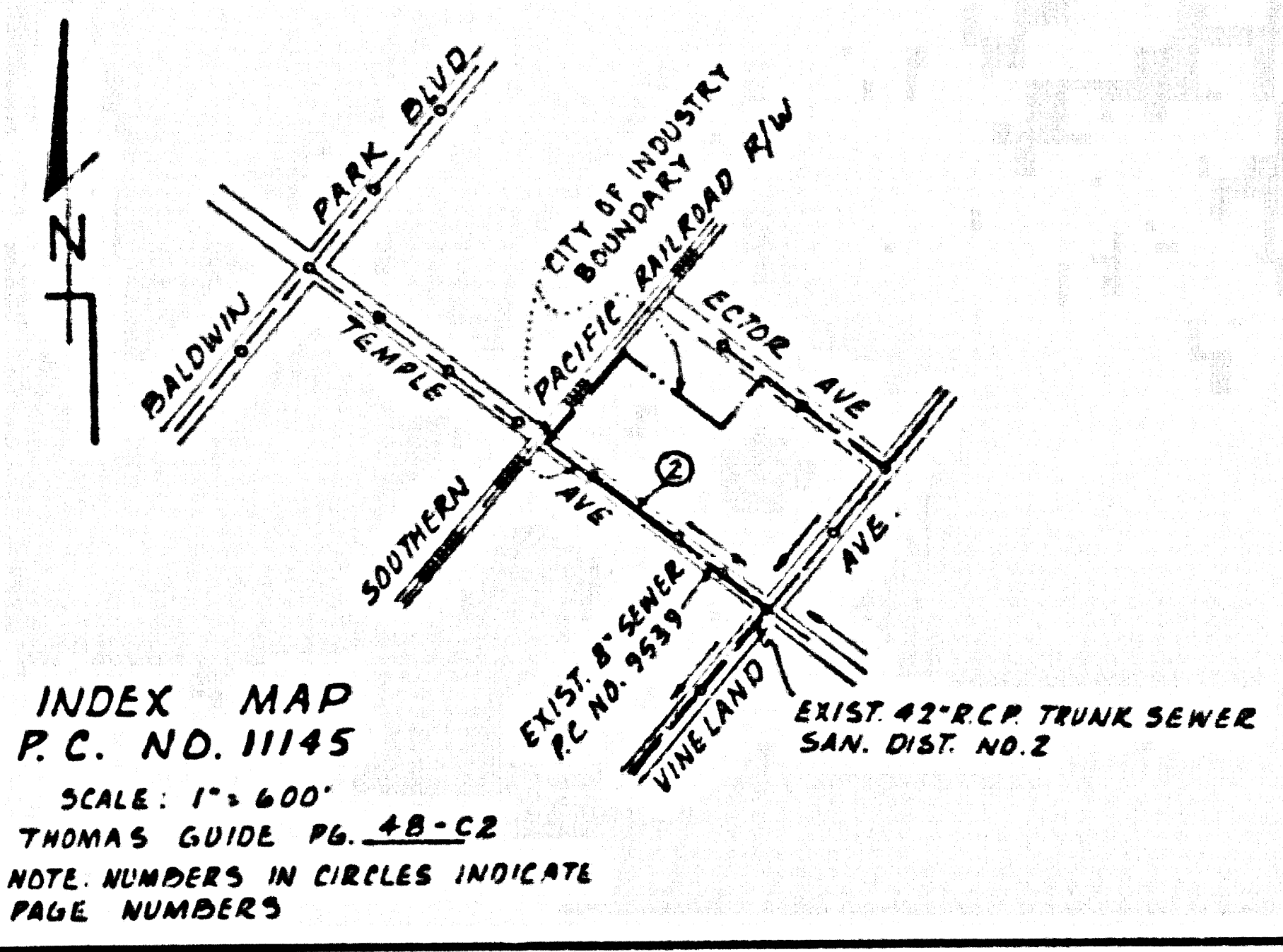


D.M. C.G. 2470 ELEV. 302.673  
 AT SPK. S. CB. TEMPLE AVE. 3 FT.  
 E. C.D. RETURN @ SE CORNER  
 VINELAND AVE. 28 FT. 3 IN. 50 FT.  
 E. & INT. PUENTE QUAD. 1975



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 OF 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. A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTIONS AND REPORTS IN ACCORDANCE WITH THE DEPARTMENT OF PUBLIC WORKS AT THE PERMIT OFFICE, 100 SOUTH FERNWOOD AVENUE, STATION 100, LOS ANGELES, CALIFORNIA 90007. THE PERMIT MUST BE FILED WITH THE PERMIT APPLICATION.
  2. PRIOR TO RELEASE OF ANY PERMIT THE CONTRACTOR SHALL FILE A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS AS WELL AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.
  3. 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.
  4. WHEN WORK IS WITHIN A CITY LIMITS THE CONTRACTOR MUST CONTACT THE DIRECTOR OF PUBLIC WORKS OF THAT CITY TO DETERMINE THE LOCATION TO FILE THE INSPECTION FEE.
  5. THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE APPLICATION FOR CONSTRUCTION PERMIT TO ARRANGE FOR AN ACCEPTABLE CONSTRUCTION START DATE AND SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE AT 379-1141 AT LEAST FORTY-FIVE HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
  6. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO 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 SHEETS.
  7. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1988 EDITION, INCLUDING ALL AMENDMENTS AND THE SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS, DATED JULY 31, 1988, AND SHALL BE REQUESTED ONLY IN THE PRESENCE OF THE DEPARTMENT OF PUBLIC WORKS PERSONNEL.
  8. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 2.10.4 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION IN REGARD TO SAFETY CONCERNS AND SHALL CONFORM TO THE "MINIMUM PUBLIC SAFETY REQUIREMENTS" AS SHOWN ON LOS ANGELES DEPARTMENT OF PUBLIC WORKS STANDARD 52.
  9. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
  10. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
  11. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
  12. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR NON-CURVED CENTERLINE OF STREETS OR CENTERLINE OF ALLEYS ARE SHOWN BY CIRCLES OR SQUARES AT ALL POINTS TO BE NEAR DESIGNATED POINTS. THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
  13. THE PRIVATE ENGINEER SHALL FURNISH TO THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 18" B.V.C.P. AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS BY STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES TO THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS TO PROTECTING STRUCTURES SHALL HAVE AN ANGLE OF LESS THAN 90° WITH THE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED BY WRITING BY THE PRIVATE ENGINEER.
  14. THE PRIVATE ENGINEER SHALL FURNISH THE GRADE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
- CONSTRUCTION NOTES:**
1. HOUSE SURVEY STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
  2. INTERFACED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 200-2.
  3. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER THE SEWER SHALL BE ENCASED PER STANDARD PLAN 82-A CASE A TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
  4. ALL JOINTS BETWEEN CAST IRON PIPE AND INTERFACED CLAY PIPE SHALL BE MADE WITH A RUBBER BLEED JOINT TYPE "D" WITHIN 18" UNLESS OTHERWISE SPECIFIED PER STANDARD SPECIFICATIONS SECTION 200-2.
  5. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT THE PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
  6. PIPE ON THE BRANCHES MAY BE USED FOR CONNECTIONS TO MANHOLE SEWERS EXCEPT AS NOTED.
  7. 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 B.V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS THE PIPE SHALL BE ENCASED PER STANDARD PLAN 82-A CASE A UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
  8. ALL STRUCTURES SHALL BE EITHER BRICK OR PRECAST CONCRETE PER STANDARD PLAN 52 OR PRECAST CONCRETE SEWER MANHOLES PER STANDARD PLAN 52-B OR REINFORCED PRECAST CONCRETE MANHOLES PER STANDARD PLAN 54, EXCEPT AS NOTED.
  9. INSURE ALL INTERSECTIONS WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PLANS.
  10. FULL COMPLIANCE WITH SECTION 200-1.3.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREET CERTIFICATION OF BACKFILL COMPACT AND SAND EQUIVALENTS BY A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE RESUME OF A CERTIFICATE OF FINAL ACCEPTANCE.
  11. ALL BACKFILL AND FILL OUTSIDE OF STREET RIGHT OF WAY SHALL BE CONTRACTED TO 80% OF MAXIMUM DENSITY AS DETERMINED BY ALL THE SOIL COMPACTOR TESTS TO BE PERFORMED. THE TESTS SHALL BE CERTIFIED BY A QUALIFIED CIVIL ENGINEER. THIS CERTIFICATION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS PRIOR TO ACCEPTANCE OF THE WORK BY THE COUNTY.
  12. MANHOLE TOPS IN UNPAVED RIGHTS OF WAY TO BE 36 INCHES ABOVE FINISHED GRADE.
  13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 200-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

PROFILE, ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**TEMPLE AVENUE** (53441)  
 NW/O VINELAND AVENUE  
**PRIVATE CONTRACT NO. 11145**  
 INDEX U-46  
 1 SHEET OF 2 PAGES

SCALE: HORIZ. 1" = 40' VERT. 1" = 4'  
 AUGUST 9, 1990

PREPARED IN THE OFFICES OF  
**L.A. PUENTE & ASSOCIATES**  
 1514 G. CHATHAM AVE.  
 GRANDE, CALIF. 91207 TEL. NO. 714 633-3738

BY *Lance L. Puente*  
 REG. C.E. NO. 14107

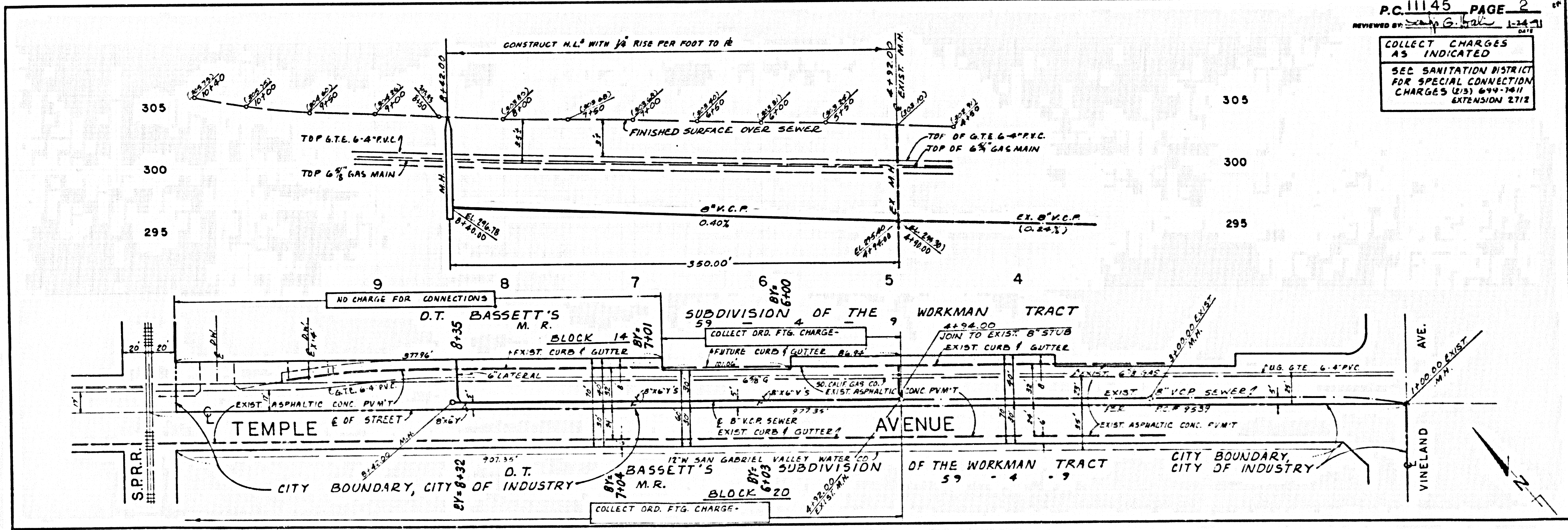
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEAKAGE	D-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	D-2
BRICK MANHOLE	D-3
REINFORCED PRECAST CONCRETE MANHOLE	D-4
STANDARD MANHOLE STEP	D-7A
SECTIONS FOR SEWER PIPE	D-7B
CRACKING AND ENCASEMENT	D-23
PIPE ON TEE SLOPES	D-24
ALL-CORABLE TRENCH BOTTLES	D-25
LOCKING MANHOLE FRAME AND COVER	D-26
NON-REINFORCED PRECAST CONCRETE MANHOLE	D-28

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

APPROVED *Don E. Johnson* 1/21/91  
 CHECKED *Tom H. Johnson* 1/21/91  
 REG. C.E. NO. 30333

L.A. PUENTE, BLDG. DIST. 2.0



P.C. 11145 PAGE 2  
 REVIEWED BY: *Carl G. Baker* 1/24/91  
 DATE

COLLECT CHARGES AS INDICATED

SEE SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES (2/3) 644-7611 EXTENSION 2712