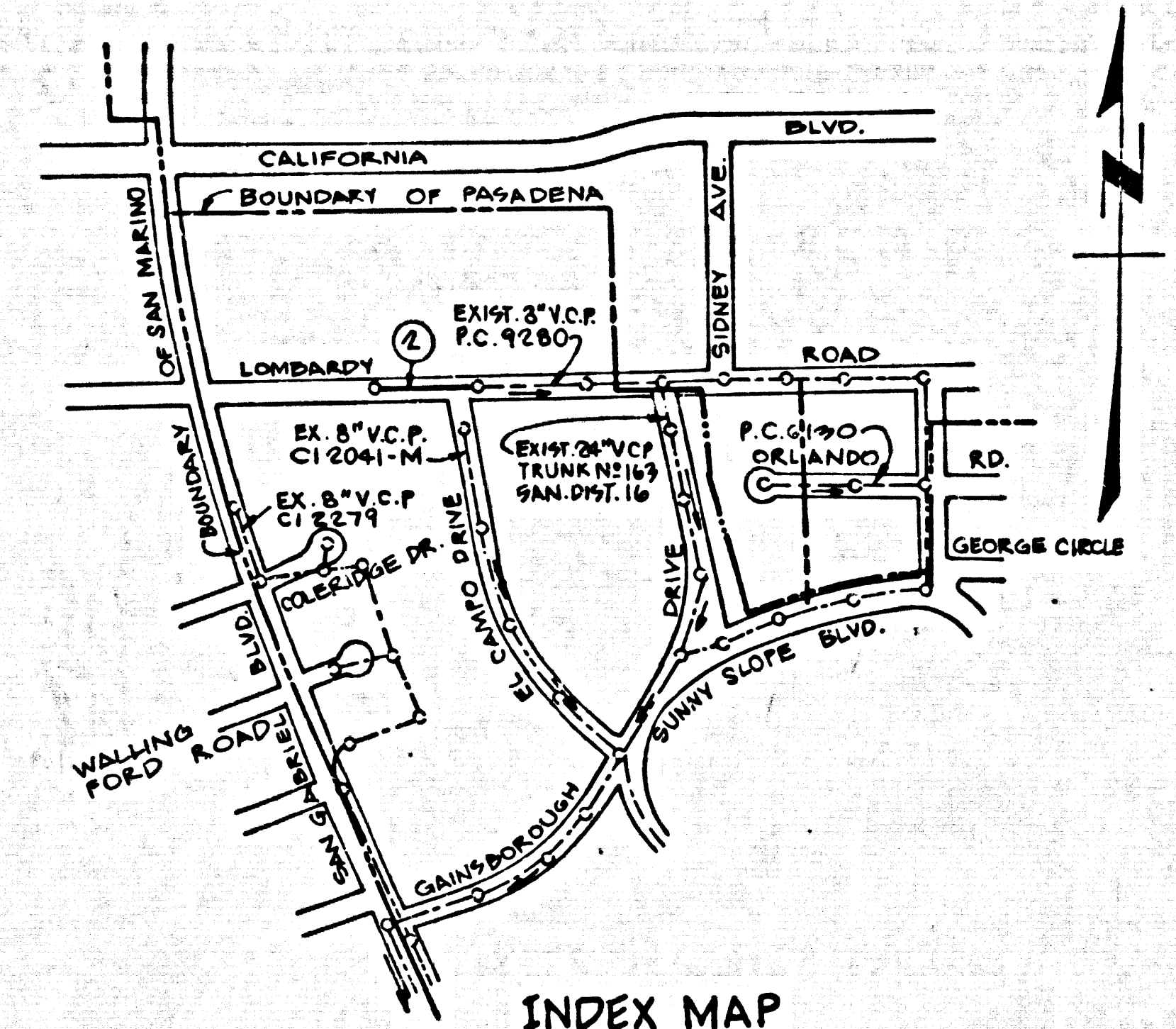


PRIVATE CONTRACT NO. 10249
 U-21, A-1
 W.S. 44
 1 SHEETS, 2 PAGES
 SCALE: VERT. 1"=4' APRIL 9, 1984
 HORIZ. 1"=40'
 PREPARED IN THE OFFICES OF
 R.S. LANGVIER
 2940 WEST WOOD BLVD., LOS ANGELES, CALIF. 90064
 BY: *R.S. Langvier*
 REG. C.E. No. 9204

50484

B.M. CG 7092 ELEV. 657.242
 BOAT SPR. IN EAST CB. 51' NORTH OF B.C.R.
 AT N.E. COR. LOMBARDY ROAD & SAN
 GABRIEL BLVD. 35' N. & 30' E. OF B.M.
 ARCADIA QUAD. 19.80



INDEX MAP
 P.C. 10249
 SCALE: 1"=600'
 LOMBARDY ROAD

CONSTRUCTION NOTES CONT'D.

16. FULL COMPLIANCE WITH PART III OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE.
 17. MANHOLE WATER STOP GASKETS & CLAMPS ARE REQUIRED FOR THE CONNECTION OF P.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
 18. A.B.S. SOLID WALL PIPE MUST BE USED FOR WYE & 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 B-3.1 OF THE SPECIAL PROVISIONS.
 20. THESE DEGREE DEFLECTION COUPLERS ARE REQUIRED FOR RADII OF CURVATURE LESS THAN 300 FEET WHEN USING 8" A.B.S.C.P.
 21. NO CONNECTIONS FOR THE DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.B.S. COMPOSITE PIPE IS USED.
 22. SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OR JOINS OF EXISTING PIPE ENDS WHEN USING PLASTIC PIPE INCLUDING A.B.S. COMPOSITE 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 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 1988.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
3. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
4. 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 SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 10" OR 12" 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 CHIMNEYS 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.
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 L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 1, AND PAY A FEE TO THE COUNTY ENGINEER, 500 S. VERNON AVENUE, LOS ANGELES, CA 90007, 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 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, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE COUNTY ENGINEER COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE LOS ANGELES COUNTY ROAD DEPARTMENT, COUNTY ENGINEER OFFICE, 500 S. VERNON AVENUE, LOS ANGELES, CALIFORNIA, AND A CERTIFICATE OF PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKER'S COMPENSATION INSURANCE WITH THE DEPARTMENT OF COUNTY ENGINEER, 500 SOUTH VERNON, RM. 408, LOS ANGELES, CALIFORNIA 90008, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

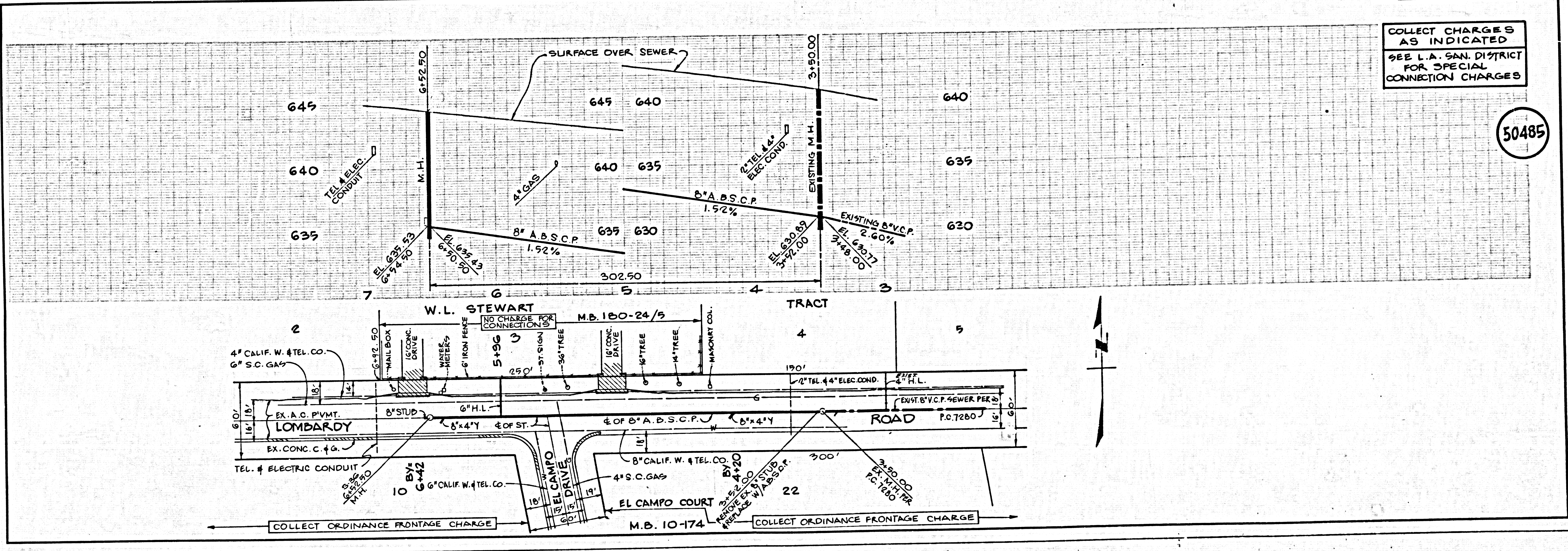
CONSTRUCTION NOTES:

1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1982 EDITION) WITH THE SUPPLEMENTS AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER, 81, 1976, AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
2. THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER-IN-CHARGE, DIVISION BY TELEPHONE 728-2158, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THE CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WORK ON THE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. WYE BRANCHES ONLY SHALL BE USED FOR CONNECTIONS TO MAINLINE SEWERS IF A.B.S. C.P. IS USED.
6. ALL STRUCTURES SHALL BE SET BY BRICK MANHOLES PER S-3 OR PRECAST CONCRETE MANHOLES PER S-3B, EXCEPT AS NOTED.
7. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
8. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
9. WITHEPPED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PER STANDARD SPECIFICATIONS SECTION 308-2.
10. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-23, CASE B, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND WITHEPPED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D", (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS SECTION 308-2.
12. ALL JOINTS BETWEEN PRECAST CONCRETE MANHOLES SHALL BE MADE WITH APPROVED PATENTED RUBBER SLEEVE JOINTS PER SECTION 308-2 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-14 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
14. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
15. FULL COMPLIANCE WITH SECTION 308-1.3 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.
16. SPECIAL BACKFILL IN BASEMENT CONSTRUCTION (A) BACKFILL TRENCH AND REPLACE OTHER EARTH 90 AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE BUILDING AND SAFETY DIVISION (B) ALL BACKFILL AND EARTH REPLACES SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. 170. METHOD OF TEST 9885T AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE ARCHITECT / ENGINEER, DIVISION.

THE FOLLOWING LATEST REVISIONS STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LOGS	5-1
MINIMUM PUBLIC SAFETY REQUIREMENTS	5-2
BRICK MANHOLE	5-3
STANDARD MANHOLE SET	5-7
SEWINGS FOR SEWER PIPE	5-21
CHASING AND ENCASMENT	5-28
WYE ON THE SUPPORT	5-28
ALWAYS THINER WIDTH	5-28
ROCKED MANHOLE FRAME AND COVER	5-28
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-28

COUNTY OF LOS ANGELES, CALIFORNIA
 STEPHEN J. ROONCE, COUNTY ENGINEER CHARLES W. CARRY, CHIEF ENGINEER
 CO. SAN DIST. NO. 15
 APPROVED: *Robert D. Jones* 4/12/84 APPROVED: *Robert J. Felt* 4/12/84
 DATE DATE
 CHECKED: *William J. Loh* 4/12/84
 DATE
 REG. C.E. NO. 32149
 TEMPLE CITY BLDG. DIST. 5.08



COLLECT CHARGES AS INDICATED
 SEE L.A. SAN. DISTRICT FOR SPECIAL CONNECTION CHARGES

50485