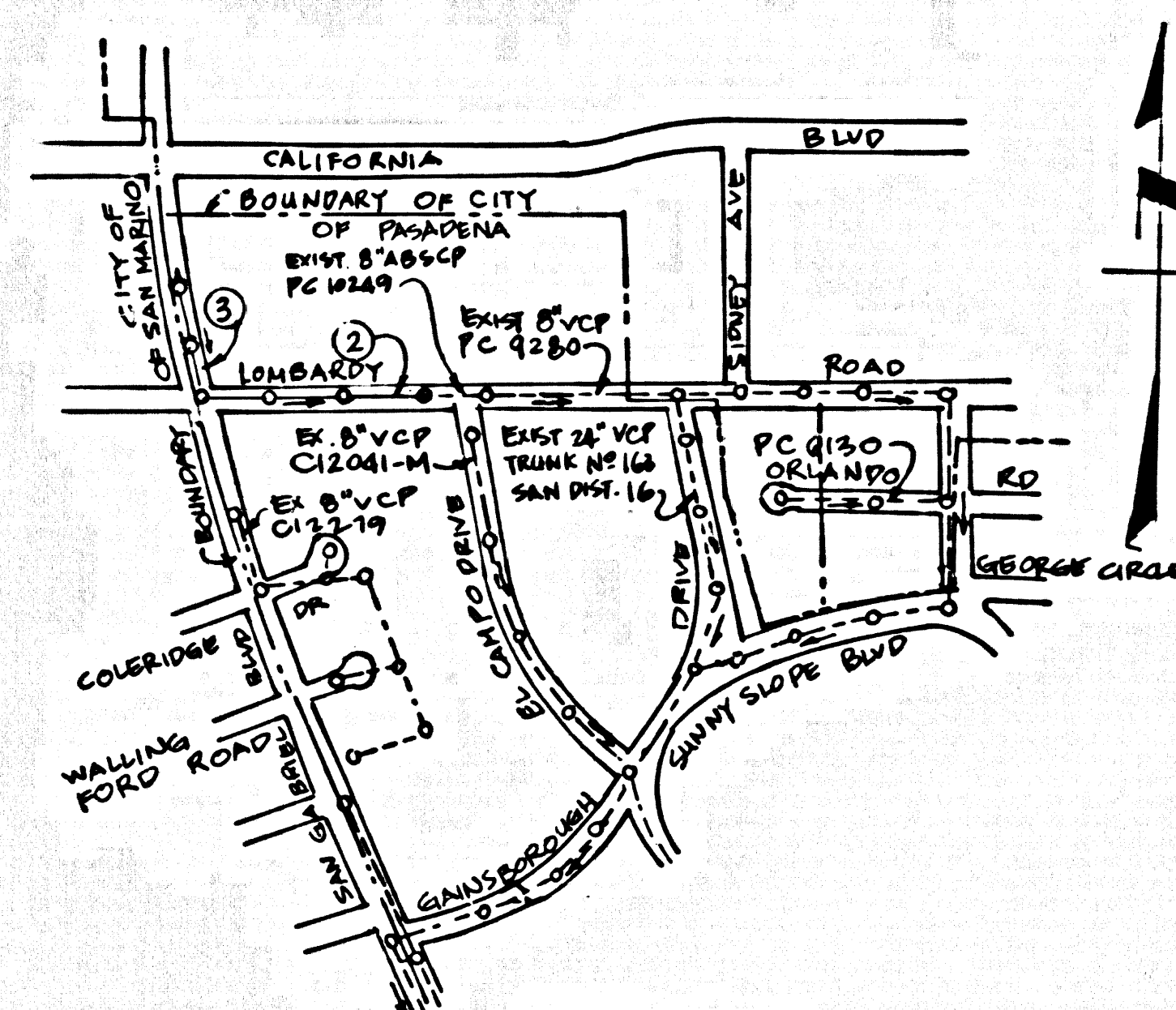


B.M. CG 3052 ELEV. 653.242  
 BOAT SPK. IN EAST COR. 5' NORTH OF BCR  
 AT NE COR. LOMBARDY ROAD & SAN  
 GABRIEL BLVD. 35' N. & 90' E. OF 4 INT.  
 ARCADIA QUAD. 19 80



INDEX MAP  
 P.C. 10888 TR. NO. 45557  
 SCALE 1"=600'

NOTE:  
 NUMBERS IN CIRCLES INDICATE  
 PAGE NUMBERS.

CONSTRUCTION NOTES CONT'D

16. FULL COMPLIANCE WITH PART 32 OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE.
  17. MANHOLE WATER COOP CONCRETE & CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
  18. A.B.S. SOLID SMALL PIPE MUST BE USED FOR WIRE & HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.
  19. A.B.S. COMPOSITE PIPE SHALL BE SET TO THE CONFORMANCE WITH THE TABLE IN SECTION 8-3.1 OF PART 32 OF THE SPECIAL PROVISIONS.
  20. THESE PERMISSIBLE DEFLECTION COEFFICIENTS ARE REQUIRED FOR RADIUS OF CURVATURE LESS THAN 50 FEET WHEN USING 8" A.B.S. C.P.
  21. NO CONNECTIONS FOR THE DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF COMPOSITE PIPE IS USED.
  22. SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR REVEILING PIPE ENDS WITH PLASTIC PIPE INCLUDING A.B.S. COMPOSITE PIPE.
  23. ALL WIRE AND/OR HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET APART AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
  24. A.B.S. SOLID SMALL PIPE IS NOT ACCEPTABLE FOR USE AS MAINLINE SEWER.
  25. ONLY WIRE BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MAINLINE SEWER.
- 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.

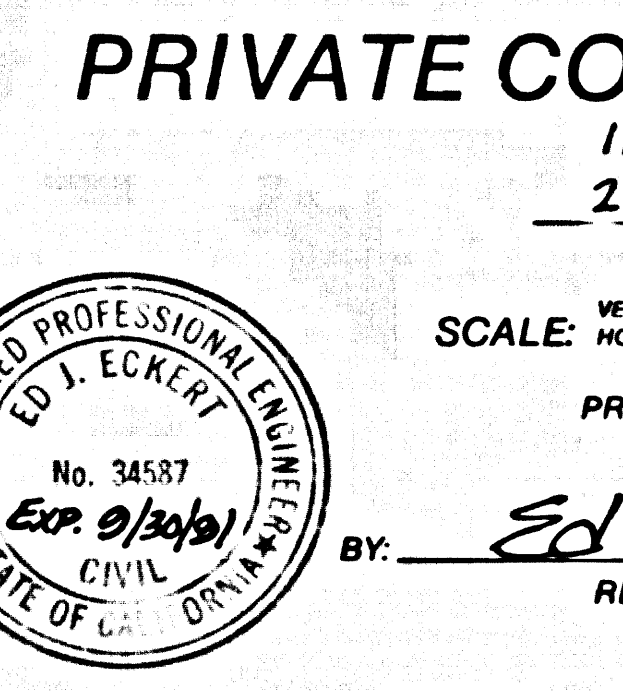
GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN LEVEL DATUM OF 1988.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
3. NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS 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, CENTERLINE OF STREETS, CENTERLINE OF ALL LINES SHOWN BY CONSECUTIVE PROFILES. ALL POINTS OF INTERSECTION OF GRADES SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "T" 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 CURBS SHALL NOT HAVE AN ANGLE OF LESS THAN 90° WITH THE MAINLINE 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 1% "OF" CURVE 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 CONSTRUCTION DIVISION OF THE COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE ROOM 401, 1111 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA 90007, AND PAY FEE TO THE DIRECTOR OF PUBLIC WORKS, 300 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91803 - 8TH FLOOR TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
8. IF WORK IS TO OCCUR IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 126 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 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 7-14.1 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 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 FOR EXCAVATIONS AND THE FEE FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AREA, CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 300 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91803 - 8TH FLOOR, 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 (1988 EDITION).
2. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, (818) 483-1212, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6 FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WIRE OR TREE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER 8-3 OR PRECAST CONCRETE SEWER MANHOLES PER 8-3.2, 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 IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
8. WITHIN CURB AND GUTTER JOINTS SHALL BE THE 1% OF THE FINISHED GRADE PER SECTION 8-3.2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 8-3.2 CASE II, TWO 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 MAINLINE OR HOUSE LATERAL, V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8-3.2 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 "C" OR "D", WITH BRUSHING IF NECESSARY PER STANDARD SPECIFICATIONS, SECTION 8-3.2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET THE LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS AS ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 306-1.3.4 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 MATERIAL ACCEPTANCE.
15. SPECIAL BACKFILL IN EASEMENT CONSTRUCTION: (A) BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLANS APPROVED FOR THE DEVELOPMENT OFFICIAL. (B) ALL BACKFILL AND EARTH PLACES SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. METHOD OF TEST T-99 BY 12" MOISTURE ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS.

PROFILE ALIGNMENT AND GRADE OF  
**SANITARY SEWERS**  
 TO BE CONSTRUCTED IN  
**TRACT NO. 45557**

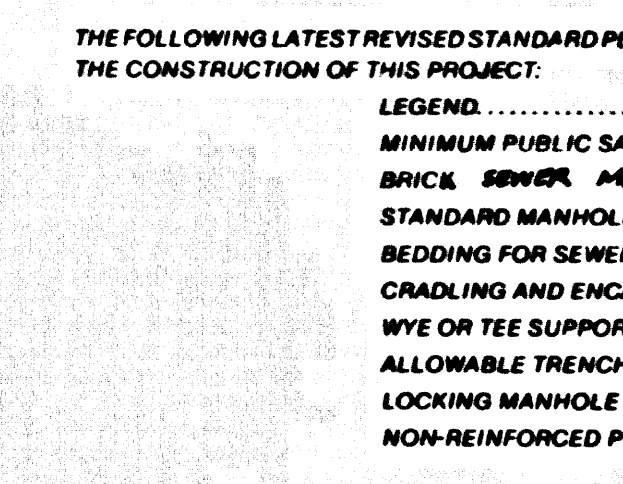


PRIVATE CONTRACT NO. 10888  
 INDEX U-21  
 2 SHEETS, 2 PAGES

SCALE: VERT. 1"=4'  
 HORIZ. AS SHOWN

PREPARED IN THE OFFICES OF  
 GIBERT ENG. CO.  
 2525 E. COLORADO ST., #100  
 PASADENA, CA 91767  
 (818) 792-2525

BY: Ed E. East  
 REG. C.E. No. 34557



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:

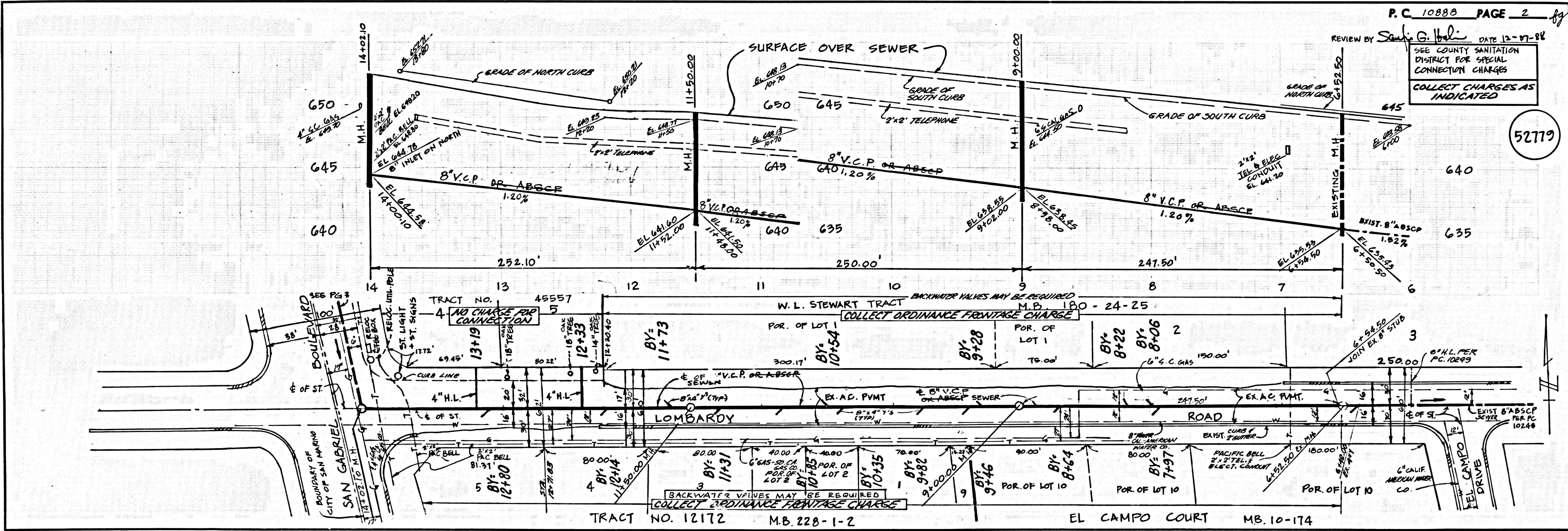
LEGEND:	COUNTY
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-2
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STANDARD MANHOLE STEP	8-17
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NON-REINFORCED PRECAST CONCRETE SEWER MANHOLE	8-38

COUNTY OF LOS ANGELES, CALIFORNIA  
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS  
 CHARLES W. CARRY, CHIEF ENGINEER  
 CO. SAN DIST. NO. 15

APPROVED: Dean E. Hildner, 12-16-88 (DATE)  
 APPROVED: [Signature], 12/14/88 (DATE)

CHECKED: [Signature], 12-13-88 (DATE)  
 5th REG. CE NO. 18116

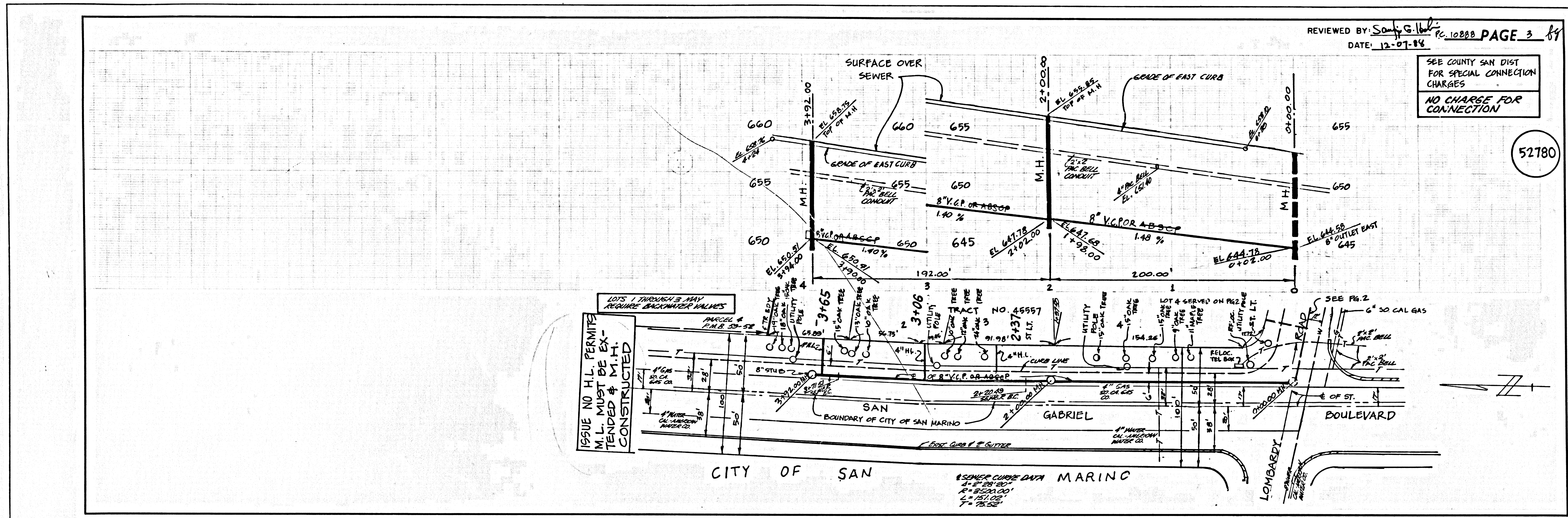
TEMPLE CITY BLDG. DIST. 5.08



P.C. 10888 PAGE 2

REVIEW BY: [Signature] DATE 12-17-88  
 SEE COUNTY SANITATION DISTRICT FOR SPECIAL CONNECTION CHARGES  
 COLLECT CHARGES AS INDICATED





W  
 CW

88801 CP 12224 ON T3ART